

Technical Service Data

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LCoS - 2004
EMU8 AA - Chassis

Models:

44PL9522/17, 44PL9523/17, 44PL9523/99
55PL9524/37, 55PL9774/37
62PL9524/37, 62PL9774/37

GENERAL INFORMATION
DISASSEMBLY SECTION
ADJUSTMENT SECTION
MECHANICAL DIAGRAMS
WIRING DIAGRAMS
SCHEMATIC DIAGRAMS
CIRCUIT BOARD LAYOUTS
OSCILLOSCOPE WAVEFORMS
44PL952X PARTS LIST
55PL9524 PARTS LIST
55PL9774 PARTS LIST
62PL9524 PARTS LIST
62PL9774 PARTS LIST

REFER TO SAFETY GUIDELINES

SAFETY NOTICE: ANY PERSON ATTEMPTING TO SERVICE THIS CHASSIS MUST FAMILIARIZE HIMSELF WITH THE CHASSIS AND BE AWARE OF THE NECESSARY SAFETY PRECAUTIONS TO BE USED WHEN SERVICING ELECTRONIC EQUIPMENT CONTAINING HIGH VOLTAGES.

CAUTION: USE A SEPARATE ISOLATION TRANSFORMER FOR THIS UNIT WHEN SERVICING

GENERAL INFORMATION

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Manual 7665

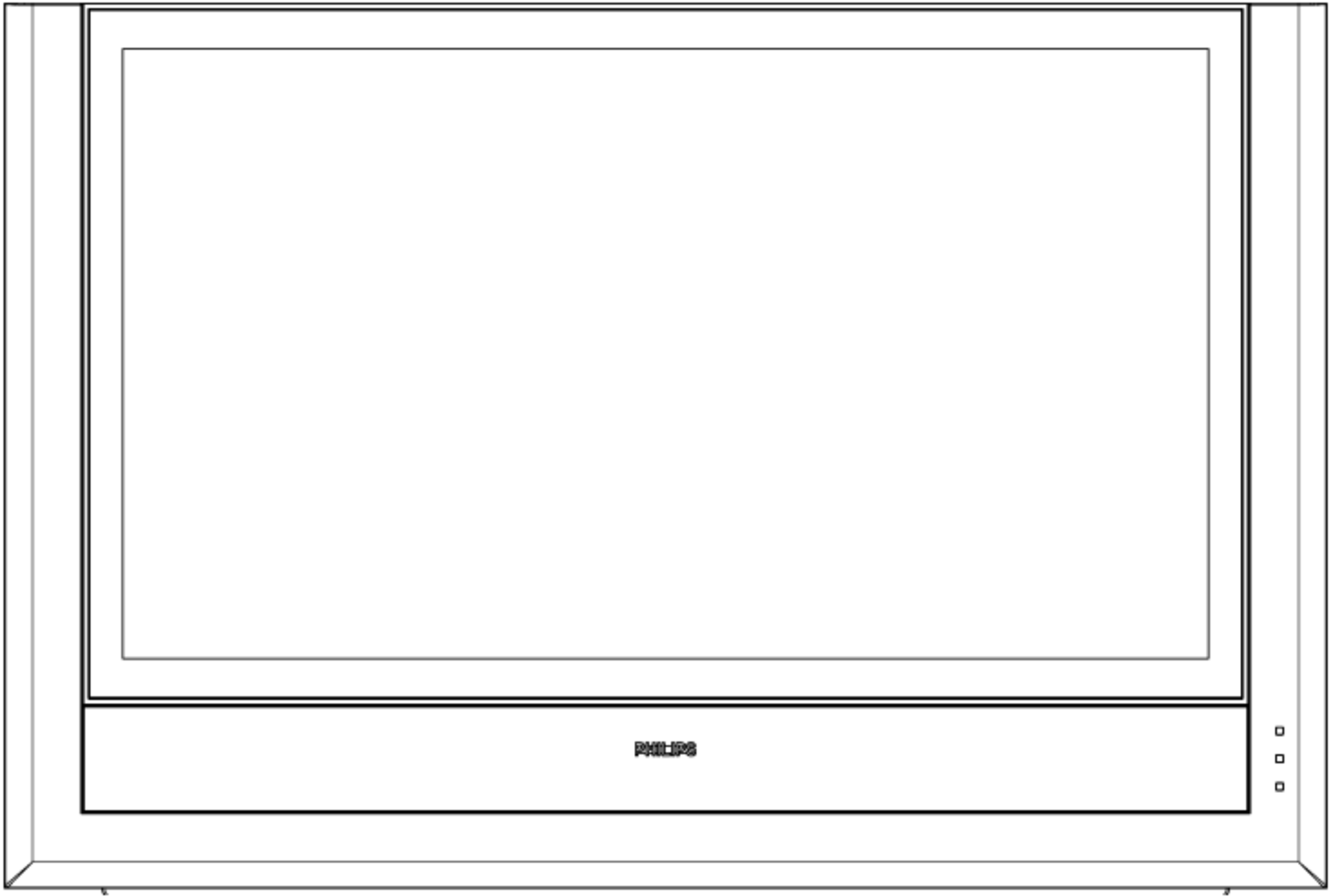
Cineos, LCoS - 2004

Chassis: EMU8 AA

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2. Remote Transmitter Appearance.
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General Appearance



Remote Control

3 different Remote Control Transmitters are currently being used with this product.

44" Cineos product uses the RC2043/01B (PN#: 3128 147 13203).

55" & 62" EPIC models use the RC4336/01 (PN#: 3139 238 07841).

55" & 62" Matchline Models use the RC4308/01B (PN#: 3128 147 16361).

Refer to the Replacement Parts Data for the most current data available (see Item 1085 for Remote Transmitters).

INTRODUCTION

The EM8U chassis is designated for release in the 2004 model year. This is a rear projector based on LCoS (Liquid Crystal on Silicon) technology. LCoS is a reflective LCD technology. The light source is an

ARC projection lamp that is replaceable by the customer. This projector is lighter and more compact than comparable size projection sets using tubes. They will be available in 44 and 55 inch screen sizes. All of the screen sizes will have a 16x9 aspect ratio. The following table shows the dimensions and weights.

Screen size	Height	Width	Depth	Weight
44 inch	31.7"	46.7"	14.6"	68.8 lbs
55 inch	38.7"	57"	17.7"	83.9lbs

The EM8U is a High Definition Ready set with a screen resolution of 1280x720. It does not have a ATSC Tuner built in. A Set Top box will be required for viewing ATSC signals.

SET OPERATION

The set has three 1H or NTSC only inputs. They are AV1 and AV2 located on the rear Jack Panel. The third input is the Side Jack panel. AV3 and AV4 can be either 1H NTSC, 480P, or 1080I signals. These signals must be in the Y Pb Pr format. AV5 is a DB15 RBG input. AV6 is a DVI 1080I input connector. The RF input on the Rear Jack panel is for NTSC only. The MON OUT is a monitor output for whichever 1H Tuner, AV1, AV2, or Side Jack panel signal has been selected.

The indicator LEDs and the Remote Control Receiver are located on the front of the set. When the set is turned On, the Amber LED will turn On. After the Lamp in the set has switched On, the Green LED will turn On.

The Control Panel is located at the top of the set. The Power On button is lighted with a blue LED whenever power is applied to the set.

When the set is turned On via the Keyboard or Remote Control, the set will take approximately 30 seconds to display a picture. By using the Select button, the Remote can be used to control other devices. A list of setup codes for other devices is located in the customer's operator's manual. The customer can select the Menu button on the Remote to make additional selections and adjustments as desired. Use the cursor right and cursor down buttons on the Remote to select the desired topic.

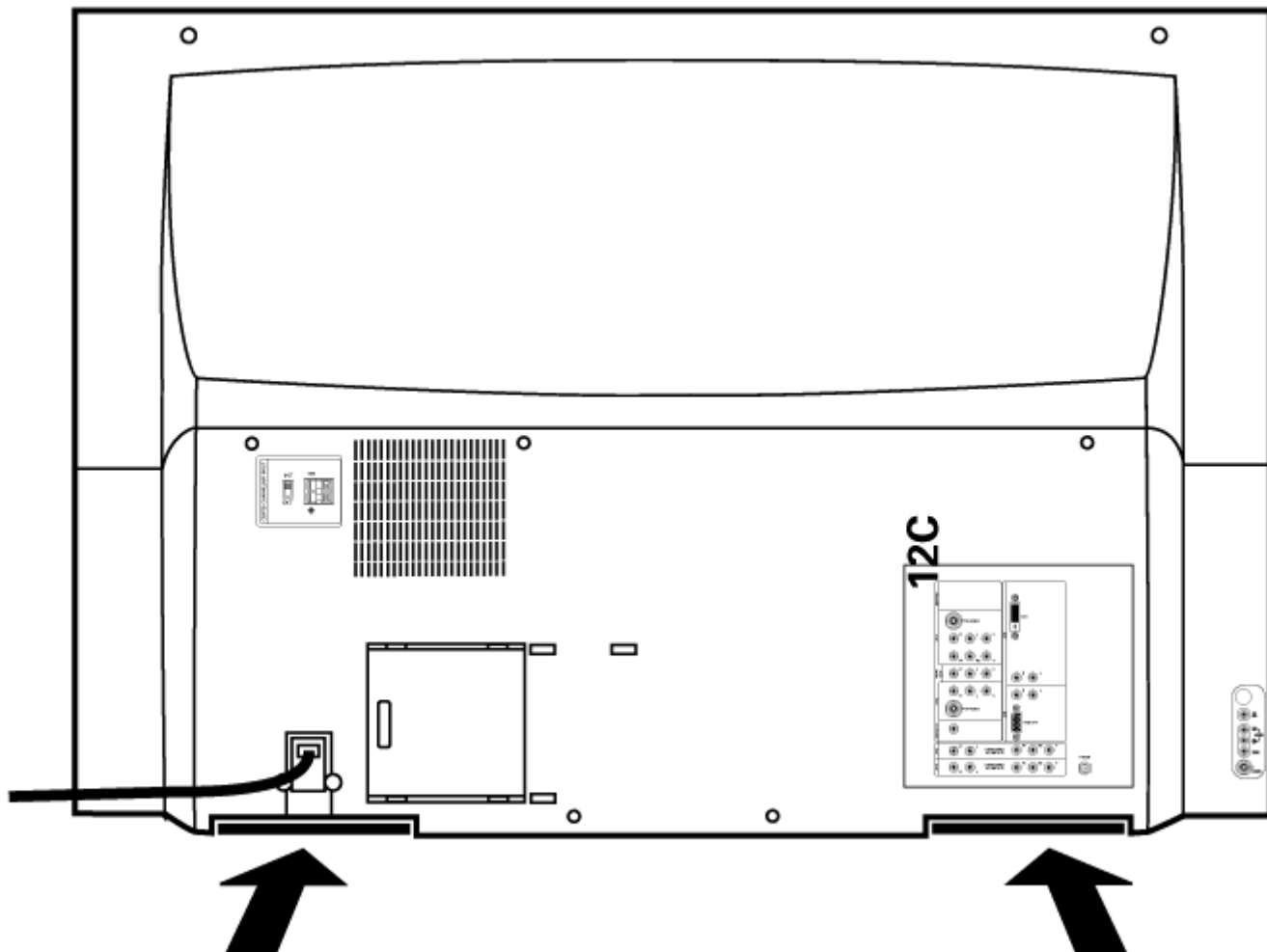
When Picture is selected, use the cursor down button to select the desired subtopic. For example, press the cursor down button to select Contrast then use the cursor left and cursor right buttons to change the values. Additional dots on the lower part of the line indicate that additional selections are present. Continue to press the cursor down button to make these selections.

MAINTENANCE

Note: The following topics are all taken from the Customer Owner's Manual. They are repeated here as a convenience and with the assumption that some customers may fail to accomplish these tasks or possibly may have misplaced their Owner's Manual.

Cleaning or Replacing the Filters

The Cineos TV has two filters that cover air inlets on the bottom of the set. Maintaining a free flow of air through the inlets is very important. If the air filters become dirty, clogged, or blocked, the temperature in the set will rise.



Locations of Air Filters

Should the heat level become too high due to blockage, a sensor detects this, and a warning message appears on screen alerting you to check the air inlets for blockage. The message will be displayed for 6 seconds. It reappears every 15 minutes as long as the temperature remains too high.

If the internal temperature of the TV rises to high, a warning message alerts you that the TV is shutting down. If the temperature remains at this high level for 1 minute, the TV will enter Standby mode. In Standby mode, the TV is off.

Be sure the TV is not placed on a surface (such as a shag carpet) that will prevent the free flow of air through the inlets, and periodically clean or replace the filters as detailed in the following instructions.

WARNING: Do not tip the TV when removing or installing the filters. This may result in instability of the TV.

1. Place your fingers under one of the filter slots located at either bottom left or right in back of the TV cabinet.
2. Grasp the filter and gently pull it straight out.
3. Examine the filter for dust or other contamination. If it is dirty, clean it with a vacuum cleaner. DO NOT WASH it. Replace the filter if vacuuming does not sufficiently clean it.

To order replacement filters, call the Philips Customer Care Center at 1-800-531-0039. The part number for the Philips TV inlet filter assembly is 3135 037 51810.

WARNING:

DO NOT operate the TV without filters. This will cause serious damage to the TV.

4. Turn the filter so that the arrow is pointing toward the center of the TV. Align the edges of the filter with the slot track, then gently slide it all the way back into the slot. A click sound can be heard as the filter reaches the correct position.

Replacing the Lamp

The Cineos TV uses a lamp with a limited lifetime to illuminate the picture. A Lifetime counter in the TV records the operating time of the lamp. One hundred hours before the lamp reaches the end of its life, a warning message will appear on screen. This will allow you to prepare to replace the lamp or take action right away. The message will disappear within 6 seconds. It will reappear each time the TV is turned on until the lamp is replaced.

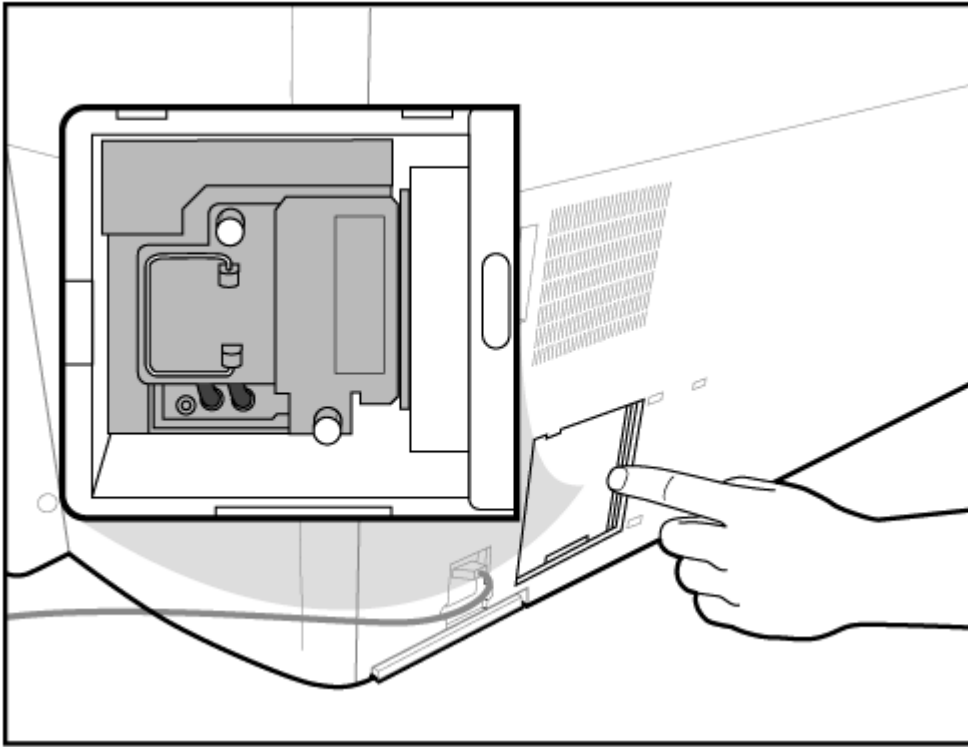
To order a replacement lamp, call the Philips Customer Care Center at 1-800-531-0039. A Philips associate will be happy to assist you. The part number for the Philips TV replacement lamp is 3122 438 71310.

Here are the steps for replacing the lamp:

1. Power off the TV. Unplug the TV.
2. The lamp door is located on the back of the TV next to the power cord.

Gently slide the door completely to the right to open.

CAUTION: The lamp gets extremely hot. Allow a cool-down time before removing the lamp.



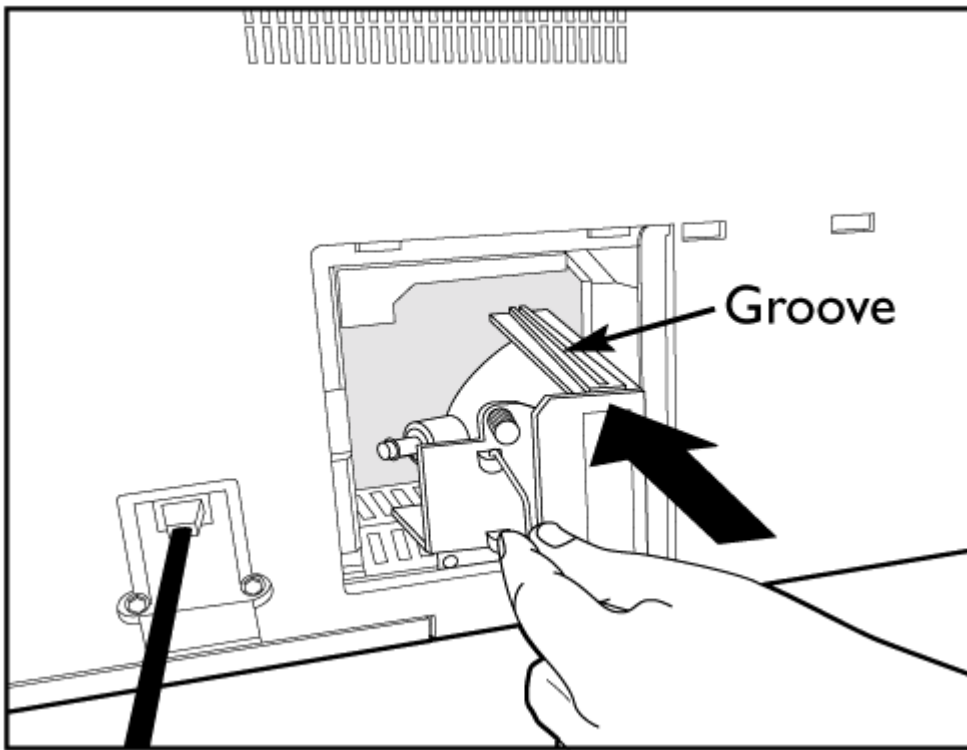
3. Unscrew the thumb screws until they are dangling.
4. Lift the handle out.
5. **CAUTION:** When removing the lamp, do not touch the glass envelope. It may still be hot.

Grasp the handle, then pull out and slightly down to remove.

WARNING: The lamp contains mercury. Dispose of the lamp in accordance with local, state, and federal regulations.

6. **CAUTION:** When installing the new lamp, do not touch the glass envelope. Oil from skin can reduce lamp life.

Align the groove on top of the new lamp's housing with the corresponding groove pocket inside the TV, then slide the new lamp into place.



7. Tighten the thumb screws clockwise until finger tight only. Do not over-tighten.

8. Slide the lamp door closed.

IMPORTANT: The door must be closed completely to the left. Otherwise, the TV will not operate.

9. Continue with instructions for setting the Lamp Rating and resetting the Lamp Lifetime Counter.

Resetting the Lamp's Lifetime Counter

After installing a new lamp in the TV, you need to enter the "Lamp rating" list in the onscreen menu and select the alphabetical code that is provided with the lamp. The recommended Philips replacement Lamp is rated for 6000 hours, an F rating

The next step is to use the "Lamp replaced control" to tell the TV that you have installed a new lamp. This control resets the Lifetime Counter to 0 for the new lamp and begins keeping track of the lifetime of the new lamp.

1. Press the Menu button on the remote control to display the on-screen menu.

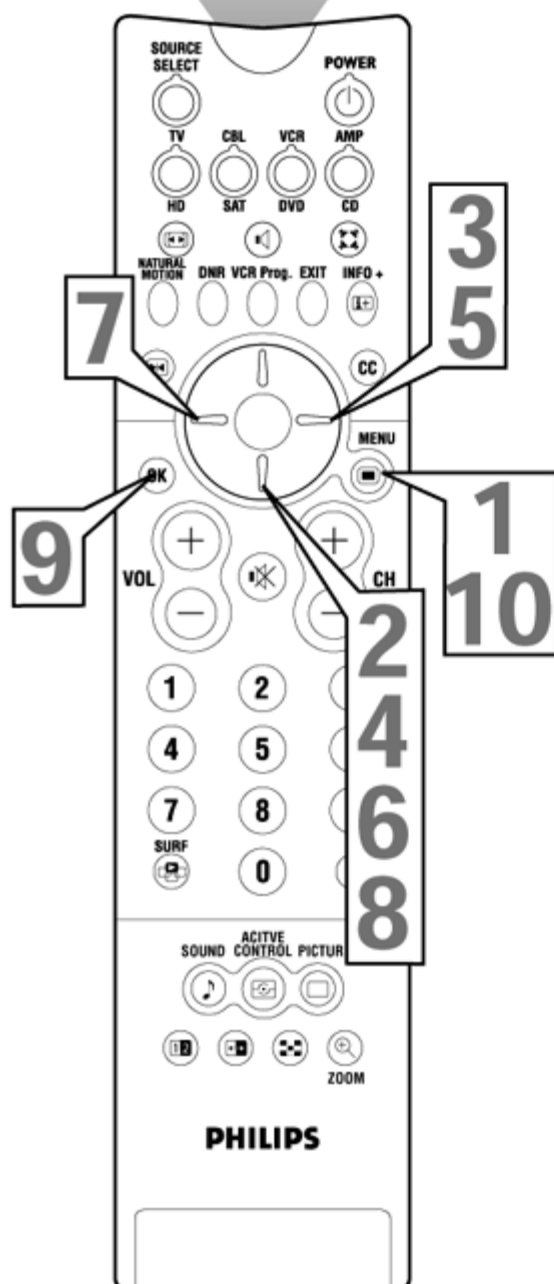
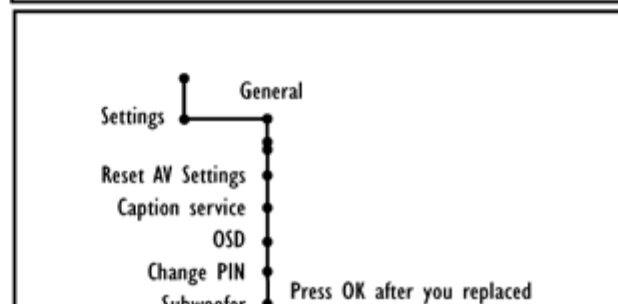
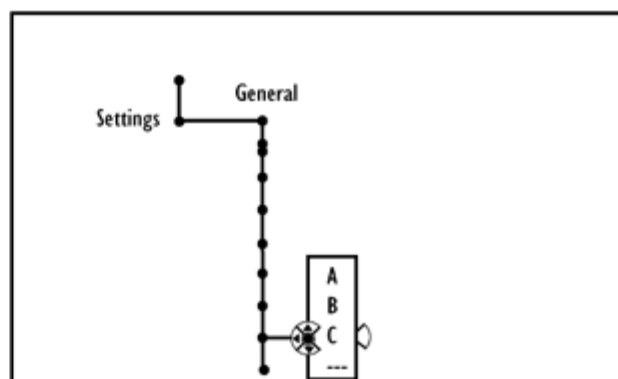
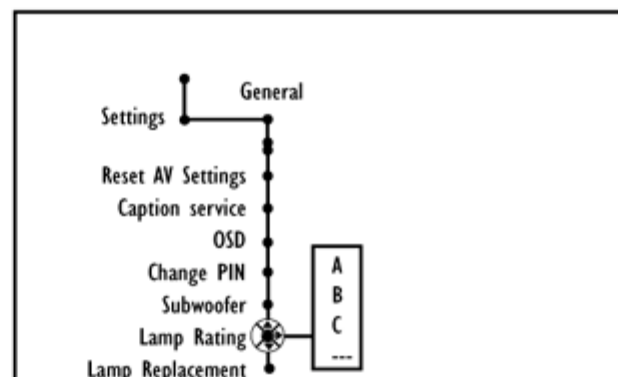
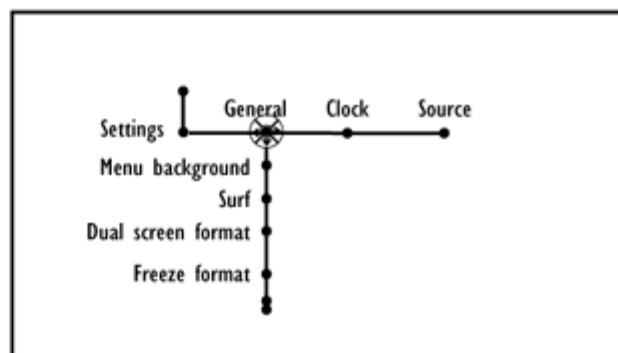
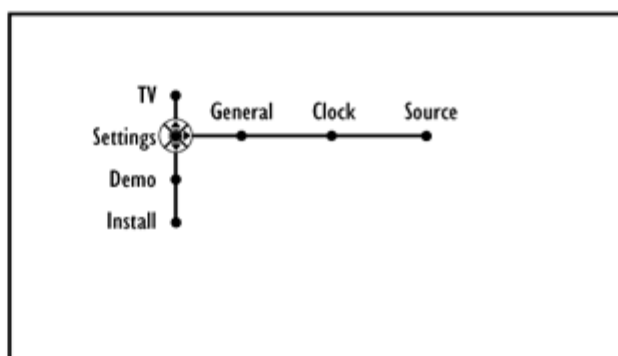
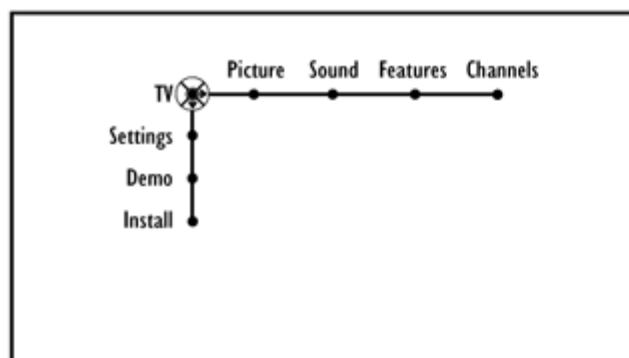
2. Press the Cursor Down button to select "Settings."

3. Press the Cursor Right button to select the "General" menu.

4. Press the Cursor Down button repeatedly until "Lamp rating" is selected.
5. Press the Cursor Right button to enter the rating list.
6. If necessary, press the Cursor Down button as many times as necessary to select the letter for your replacement lamp.
7. Press the Cursor Left button to return to the "General" menu.
8. Press the Cursor Down button to select "Lamp replaced."
9. Press the OK button to confirm that you have changed the lamp.
10. Press the Menu button to remove the on-screen menu from the TV screen.

HELPFUL HINTS

- * One hundred hours before the lamp reaches the end of its life, a warning message will appear on screen to alert you. Changing the lamp at this point is recommended for optimal performance.
- * A blinking orange light on the front of the set means that the lamp is not working anymore and needs to be replaced.



Preliminary (Customer) Troubleshooting

Review This List of Symptoms and Checks Before Requesting Service

You may be able to solve the problem yourself. Charges for TV installation and adjustment of customer controls are not covered under your warranty.

If you need to call a customer service representative, please know the model number and serial number of your product before you call. This information is displayed on the back of the product. Also, please take a moment to identify the problem you are having, and be prepared to explain this to the representative. If you believe the representative will need to help you with operations, please stay near the product. Our representative will be happy to assist you. **To reach our Customer Care Center, call 1-800-531-0039.**

TV-related Checks

The TV won't switch on.

- * Make sure the power plug is plugged in.
- * If you're using the TV remote control to turn the TV on, be sure the remote is in TV mode.
- * Plug something else in to be sure the wall outlet (or extension cord) is receiving power.
- * The remote control could have a problem. See the troubleshooting section "Remote-related Checks" on next page.
- * Make sure the lamp door is not ajar. The TV is designed not to operate with the lamp door open.
- * If a red light is blinking on the front of the TV, the set has entered protection mode. If this happens it usually means you simply need to reset the TV. Unplug the TV for 60 seconds. Then plug the TV in and try to switch it on. If the light is still blinking red, call the Customer Care Center at 1-800-531-0039.

The TV switches off unexpectedly.

- * If the lamp door is open, the TV will shut down. The TV is designed not to operate when the lamp door is ajar.
- * If a red light is blinking on the front of the TV, the set has entered protection mode. Unplug and plug the set back in a couple of times and try to switch it on. If the problem persists, contact the Customer Care Center at 1-800-531-0039.
- * The Sleep timer may have been set to turn the TV off. Turn the TV back on if desired.

The TV switches on unexpectedly.

- * The On Timer may have been set.

An on-screen message tells you that it is time to replace the lamp.

- * The message appears on screen when the lamp has 100 hours of life left, and will reappear each time the TV is turned on until the lamp is replaced. Prepare to replace the lamp or take action right away.

An on-screen message instructs you to check the air inlets for blockage.

- * Check the air inlets and filters for blockage and clean or replace the air filters as necessary.

You have a picture but no sound.

- * Make sure Mute is not on.
- * The TV speakers may be turned off. Make sure the Center Channel Amp Switch on the back of the TV is in the INT position.

You have no picture.

- * If you have made a connection to the TV's Tuner jack be sure to use Autoprogram.
- * If you want to view materials from an accessory device (DVD player, VCR, or satellite receiver, for example) be sure you have selected the input source to which you have connected the device-AV1, AV2, AV3, AV4, AV5, AV6, or Side.
- * Make sure you have made connections correctly.

You have no picture and no sound.

- * If you see a blinking orange light on the front of the set, this means that the lamp needs to be replaced.

You see scrolling images.

- * Make sure you have made connections correctly.

The picture appears doubled or tripled.

- * If you are using an antenna, be sure it is facing in the correct direction. Also, check to see if it may be receiving signals that are being reflected off of mountains or buildings.

The picture shakes or is not clear.

- * If you are using an antenna, make sure it is not broken or shorted, and make sure the antenna cable is connected properly and securely.

- * If you are using a VCR and selecting channels on the TV, make sure the TV/VCR mode on the VCR is set to TV.

The picture has no colors or colors are not correct.

- * Make sure you have made connections correctly.

- * If you have connected accessory equipment, such as an HD satellite receiver, make sure the color setting on the accessory equipment is correct. See the user manual for the HD satellite receiver.

The TV sound has an unusual quality.

- * Check the TV's Equalizer control to be sure it is set to the option you want.

Remote-related Checks

The remote control does not work.

- * Make sure nothing is blocking the path between the remote control and the TV or accessory device you want to operate.

- * Make sure you point the remote directly at the TV or accessory device you want to operate.

- * If you want to operate the TV, make sure the remote is in TV mode. If you want to operate an accessory device, program the remote for the device if necessary and make sure the remote is in the appropriate mode for the device.

- * Make sure you have installed the batteries correctly.

- * The batteries could be dead. When the batteries in the remote run low, the remote will send a "Battery Low" command to the TV.

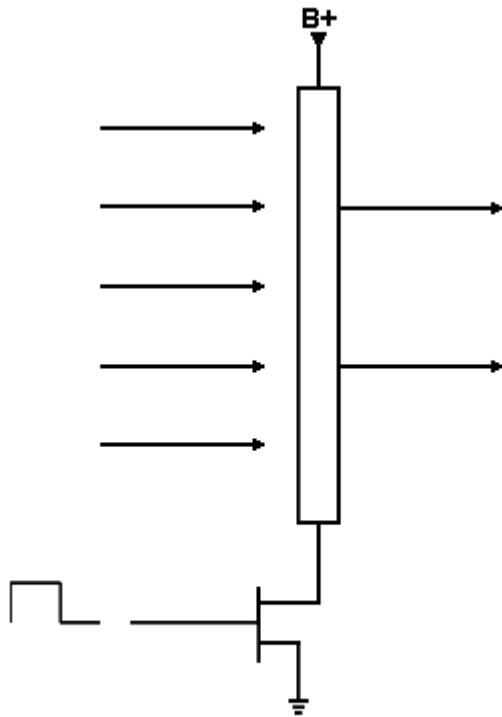
The TV will then display a message on the screen reminding you to replace the batteries as soon as possible.

- * You may want to try taking the remote batteries out and putting them back in. NOTE: After taking the batteries out, you may need to reprogram the remote for use with accessory devices.

Reflective LCD Introduction.

The LCOS (Liquid Crystal on Silicon) uses a reflective LCD system. A single reflective LCD panel with

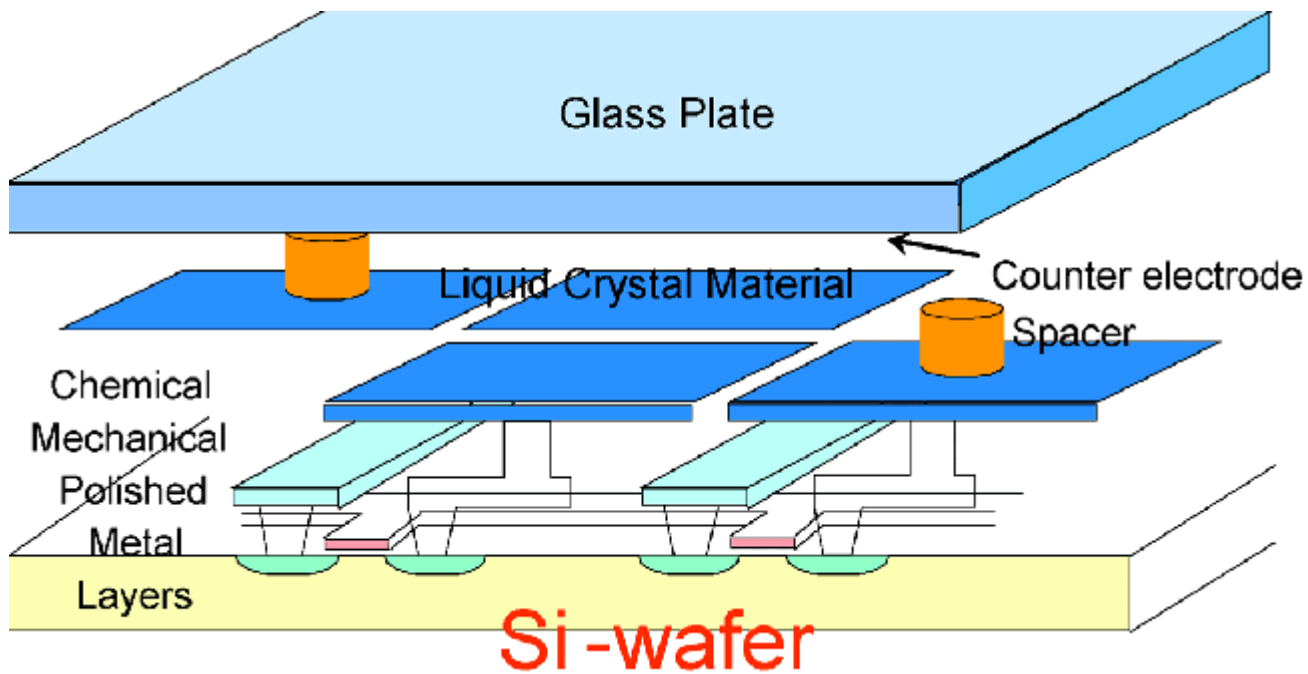
multiple LCD cells is used. Since a single panel is used, it is necessary to scan the panel with the primary colors to obtain a color picture. A LCD is a light valve which allows more or less light through it, depending on the applied voltage.



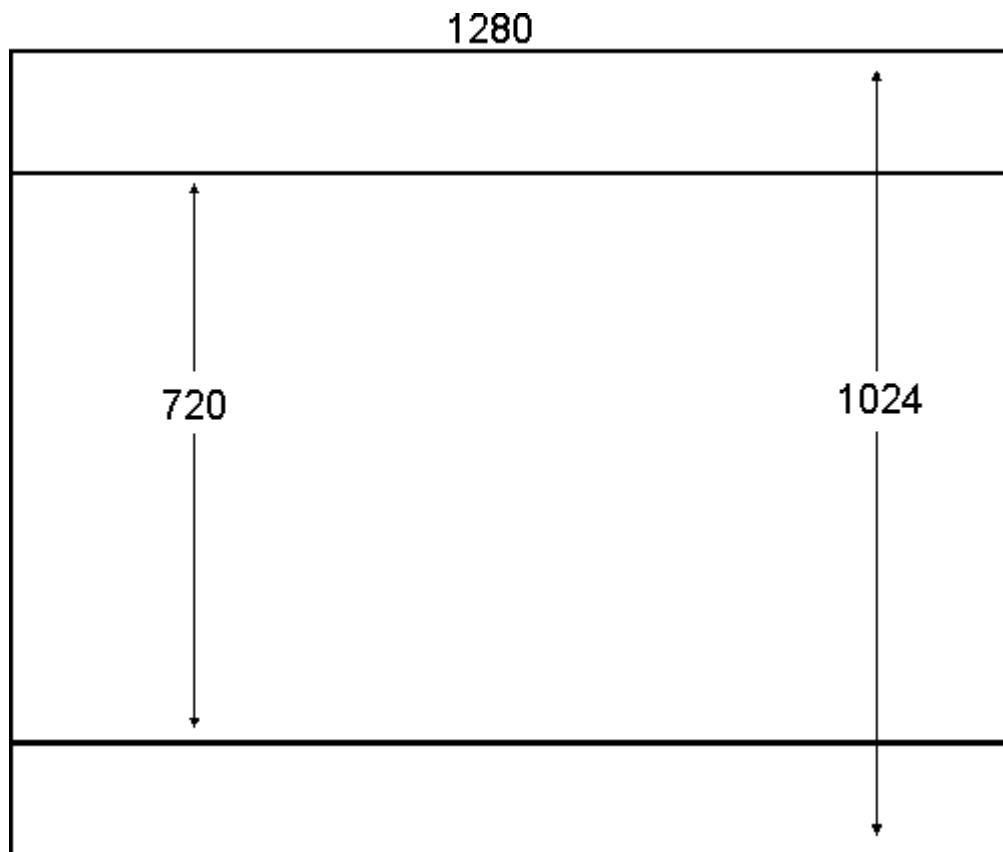
LCD CELL

The LCD used in most projectors and direct view LCD TVs uses a transmissive type of LCD. Light is projected to pass through the LCD panel. One of the disadvantages of this type of system is that the electronics to control the LCD cells limit the surface area in which light can pass. This limits the resolution of the picture and brightness.

The Reflective type of LCD, like the one used in the LCOS, has the electronics beneath the LCD cells, allowing greater resolution. The LCD cells are turned On, switching the individual cells. Beneath each cell is a reflective surface. The amount of light reflected from each cell depends on the applied voltage. Since the LCD may be illuminated by all three primary colors at one time, several cells are addressed at once.



The Reflective LCD used in the LCOS projector uses a 1280x1024 device with 20 micron pixels. Since the aspect ratio of the TV is 16x9, the actual area used is 1280x720.



Regardless of the format of the input, the LCD displays the picture in a 1280x720 format.

The Philips LCOS projector uses a single LCD device. To obtain a color picture, the LCD is scanned with strips of Red, Green, and Blue light. The strips of color are developed by splitting the light from the Lamp

and directing it to three color filters which produce Red, Green, and Blue light. The output from the filters is directed to three rotating Prisms to produce the color strips and direct it to the correct part of the LCD. Data is directed to the LCD in such a way that the correct data for color illuminating that portion of the LCD will be displayed. The LCD is being scanned a rate of 180 Hz. The phase of each prism is offset by 30 degrees to provide color separation. The reflected light from the LCD is fed to a projection lens, the mirror, and finally the screen.

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DISASSEMBLY

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CAUTION: USE A SEPARATE ISOLATION TRANSFORMER FOR THIS UNIT WHEN SERVICING

Disassembly Procedures for 44" & 55" LCoS

Main Cabinet Exploded View

Item Numbers and Letter Identifiers mentioned below, refer to the Main Cabinet Exploded View.

Display The Main Cabinet Exploded View.

NOTE: If you are servicing a Printed Circuit Board or main speaker, you do not need to remove the Upper Back Cover.

Lower Back Cover (Item 0036)

1. Remove (13) T20 Torx screws and (2) T10 Torx screws (A).
Note: It may be necessary to press on the sides of the lower back where it "snaps" into place at the front cabinet to get it to release.
2. Remove (2) T6 Torx screws (B) holding the Side Jack Panel (Item 0127), disconnect connectors 1335 and 1344 and ground connector 1337.
Note: The ground tab has a small catch to release during removal.
3. Slide the Side Jack Panel through the rear of the back cover.

Upper Back Cover (Item 0034)

Note: The Lower Back Cover must be removed before removing the Upper Back Cover.

Note: The Upper Back Cover holds the Mirror.

1. Remove (8) T20 Torx screws (C).
2. Remove (2) T20 Torx screws (D) attaching the Fan Motor Assembly to the Upper Back Cover.
3. Remove (4) T20 Torx screws (E) attaching the small signal cable assembly harness to the Upper Cabinet Back. (Not shown)

Note: It may be necessary to press on the sides of the upper back where it "snaps" into place at the front cabinet to get it to release.

Note: When replacing the Upper Cabinet Back, care should be used to properly route the cable for the customer control assembly.

Note: When re-installing the Upper Cabinet Back, care should be taken to correctly position the Light Shield that is attached to the Upper Cabinet Back.

Mirror (Item 0021)

1. Remove both Lower and Upper Cabinet Backs.
2. Remove both the Left and Right Vertical mirror support brackets. (Items 0079 & 0080)
3. Remove both Horizontal Mirror support brackets and remove the mirror. (Items 0078)

Note: Care should be taken **NOT** to place fingerprints or smudges on the mirror.

Input Power Supply (Item 1045)

1. Remove (2) T20 Torx screws (N) attaching the power assembly bracket (Item 0117) to the base assembly (Item 0038).
2. Slide the power assembly rearward as far as possible.
Note: It may be necessary to release cable harnesses to gain adequate access.

3. Remove (6) T10 Torx screws (O) securing the input power panel to the power assembly bracket.

Main Power Panel (Item 1010)

1. Remove (2) T20 Torx screws (N) attaching the power assembly bracket (Item 0117) to the base assembly (Item 0038).
2. Slide the power assembly rearward as far as possible.
Note: It may be necessary to release cable harnesses to gain adequate access.
3. Remove (6) T10 Torx screws (P) securing the main power panel to the power assembly bracket.

SSB Panel (Item 1185)

1. Remove (3) T10 Torx screws (Q) securing the SSB bracket (0072).
2. Remove all ribbon cables from the scaler panel and the system board.
3. Release the (2) metal clips located at either end of the SSB panel 80 pin connector, and tilt the SSB panel to the right.
4. Slide the SSB panel from its connector.

Scaler Panel (1052)

1. Remove (2) Torx screws (R) from the bottom of the small signal assembly securing it to the cabinet base.
2. Remove (14) T10 Torx screws (S) securing the cinch plate to the small signal assembly.
3. Remove (4) hex screws. Two each at the DVI and RGB-HV input connectors.
4. Remove the cinch plate.
5. Disconnect the main video cable by unscrewing the (2) thumbscrews and disconnect the (2) ribbon cables.
6. Slide the scaler panel rearward to disconnect from its connector on the system board.

Cinch Panel (1016)

1. Remove (2) Torx screws (R) from the bottom of the small signal assembly securing it to the cabinet base.
2. Remove (14) T10 Torx screws (S) securing the cinch plate to the small signal assembly.
3. Remove (4) hex screws. Two each at the DVI and RGB-HV input connectors.
4. Slide the cinch panel rearward to disconnect from its connector on the system board.

Audio Panel (1012)

1. Remove (2) Torx screws (R) from the bottom of the small signal assembly securing it to the cabinet base.
2. Slide the small signal assembly rearward to allow access to the front of the assembly.
3. Remove (4) T10 Torx screws (T) securing the audio panel to the small signal assembly bracket.
4. Remove the (4) cable harnesses.

System Board (1020)

Note: The Audio, Cinch, Scaler, and SSB panels should be removed prior to removal of the system board.

1. Remove (2) Torx screws (R) from the bottom of the small signal assembly securing it to the cabinet base.
2. Slide the small signal assembly rearward to allow access to the front of the assembly.
3. Remove (4) T20 Torx screws (U) securing the system board bracket to the small signal assembly bracket.
4. Release (2) clips holding the system board to the system board bracket.
5. Remove remaining cable harnesses.

Keyboard (Customer Controls) (1032)

1. Remove (2) T20 Torx screws (V) holding the Keyboard and cover to the cabinet cap.
2. Remove (2) T6 Torx screws holding the circuit board to the control bracket.
3. Release (4) plastic clips holding the circuit board to the control bracket and lift the PWB from the bracket.
4. Disconnect connector 1201 and ground clip 1202.

Speakers (Woofer) (Item 5213)

1. Remove Lower Back Cover item 0034.
2. Remove (2) T20 Torx screws (R) to allow the small signal assembly to slide to the rear.
3. Remove (2) T20 Torx screws (N) to allow the power assembly to slide to the rear.
4. Remove (4) T20 Torx screws from the speakers and disconnect the speaker wires.

Speakers (Tweeter) (Item 5214)

1. Remove both the Lower and Upper Back Covers.
2. Remove (2) T20 Torx screws and disconnect the speaker wires.

Speaker Baffle (Item 0039)

Note: There are no adjustments that require the removal of the speaker baffle.

CAUTION: DO NOT REPOSITION THE LIGHT ENGINE TO GAIN ACCESS TO THE SPEAKER Baffle TABS.

1. Remove the Lower Back Cover.
2. Carefully release the 20 plastic tabs holding the speaker baffle in place.

Screen Assembly (0030)

1. Remove the Lower and Upper Back Covers
2. Remove (4) T20 Torx screws (W) and remove the Top Cap with Customer Control Assembly. (0032)

3. Disconnect the Tweeter speaker wiring.
4. Remove (9) T20 Torx screws (J).
5. Lay lens assembly on flat clean surface.
6. Remove (12) T20 Torx screws (K) from vertical side rails Item 0075 & 0076.
7. Remove (16) T20 Torx screws (L) from horizontal screen rails Item 0077.

LED Panel (1028)

1. Remove Lower Back Cover.
2. Release (2) tabs and slide out the LED panel.
3. Disconnect connectors 1201 & 1214.

Lamp (0016)

CAUTION: The light source lamp produces extreme heat. Allow a cool-down period before touching or replacing the lamp assembly.

Note: For protection, the lamp circuit contains a “normally closed” switch. Therefore, the lamp will not operate with the lamp access door in the open position.

Note: There are no tools required for this procedure.

1. Slide the lamp access door on the rear of the unit to the right. (Item 0096)
2. Unscrew the two silver thumbscrews holding the Lamp assembly in place.
3. Slide the old lamp assembly out by crimping the “metal handle” and pulling straight out.
4. Install the replacement lamp assembly by pushing into place and tightening the thumbscrews.
5. Slide the Lamp access door to the left to close. **“The unit will not operate with the back on and this door open.”**

Light Engine

CAUTION: Do not remove the three “SILVER” nuts and washers as these hold the Light Engine support bracket and are critical adjustment points for focus and picture alignment.

CATUION: The Light Engine has an operating voltage of approximately 1,000 volts. Always use caution when working in the vicinity of the Light Engine while the unit is in operation.

Note: The LCoS Light Engine comes pre-adjusted. No adjustment for focus should be required. In rare cases, the set may require a minor focus touch up.

Note: Use care with the routing of the wiring for the Customer Keyboard when replacing the upper-back. Also, note mounting direction of the Upper-back support bracket for proper re-installation.

1. Remove the Lower and Upper Back Covers.
2. Remove the Cooling System Fan Assembly.
3. Remove the (3) “BLACK” T-10 Torx screws (Y) (mounted on posts) located in the vicinity of each of the 3 “silver” nuts and washers.
Note: The front T10 Torx screw is located directly beneath the 10mm wide, white clip, located on the top front of the Light Engine housing.
4. Disconnect the wiring harness connected to the Light Engine power supplies, the Main Power supply, and the video cable coming from the Scaler Panel.

Cooling System Fan Assembly (Item 0150)

1. Remove the Lower and Upper Back Covers.
2. Remove (1) T10 Torx screw (X).
3. Slide the power supply assembly back to allow room to remove the cooling fan assembly.
4. Disconnect the cooling system fan assembly wiring harness.

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ADJUSTMENTS

REFER TO SAFETY GUIDELINES

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CAUTION: USE A SEPARATE ISOLATION TRANSFORMER FOR THIS UNIT WHEN SERVICING

LCoS Adjustments (Manual 7643)

The following topics are covered:

- Test Points
- Service Modes
- Error Code Buffer and Error Codes
- Blinking LED Procedure
- Lamp Replacement Procedure
- Light Engine Replace Procedure
- Light Engine Focus and Alignment

Waveform Test Points

The LCoS chassis is equipped with waveform test points shown on the schematic diagrams.

To access these waveforms, click on the SCOPE SIGNALS icon in the Force 32 toolbar. From the pop-up window double click on the desired waveform. The waveform window is expandable for best viewing.

Measurements should be performed under the following conditions:

Video: Color bar signal

Audio: 3kHz left, 1kHz right

Service Default Mode (SDM)

Introduction

The **Service Default Mode (SDM)** is a technical aid for the service technician. The Service Default Mode (SDM) establishes fixed, repeatable settings of customer controls, which allow consistent measurements to be made. The SDM also initiates the blinking LED procedure and, if necessary, overrides the 5V protection.

The following functions are turned OFF while in SDM:

- Timer
- Sleep timer

The following functions are disabled during SDM (and enabled after leaving SDM):

- Parental lock
- Blue mute
- Hospitality Mode
- No-ident Timer (normally the set is automatically switched off when no video signal (IDENT) is received for 15 minutes).

All other controls operate normally.

Entering Service Default Mode (SDM)

To enter the Service Default Mode, press the following key sequence on the remote control transmitter:

0-6-2-5-9-6-MENU

Do not allow the display to time out between entries while keying the sequence.

Upon entry into the Service Default Mode, the letters "SDM" will be displayed at the upper right corner of the screen.

Special SDM functions

Access to normal user menu

Pressing the “MENU” button on the remote control switches between the SDM and the normal user menus (with the SDM mode still active in the background)

Exiting Service Default Mode

To exit the Service Default Mode, enter “0” twice.

Note: To save the error codes, “unplug” the AC power cord without turning the set off.

Service Alignment Mode (SAM)

Introduction

The Service Alignment Mode (SAM) is used to align the set and/or adjust the option settings and to display/clear the error code buffer values.

Display SAM Menu Diagram

Entering Service Alignment Mode

To enter the Service Alignment Mode (SAM), press the following key sequence on the remote control transmitter:

0-6-2-5-9-6-INFO+

Do not allow the display to time out between entries while keying the sequence

Exit SAM

Pressing the “MENU” button, entering “0” twice, or powering the unit off with the power button will exit the SAM mode.

Note: To save the error codes, “unplug” the AC power cord without turning the set off.

Explanation of SAM Options

Following is a brief explanation of the options found in the SAM mode.

1 Operation Hours (Run Timer): This display indicates the accumulated total of operational hours. (Shown in hexadecimal format)
2 Software identification of the main microprocessor: ROM Version: Apr 7 2003 (EM5US1-MR5.20_90191) SW Version Main Scaler; 3122 357 00482 SW Version EPLD: 3122 357 30210 SW Version GDE: 3135 037 01221 • US1 is 2 letter and 1 digit combination to indicate the software type and the supported languages: • US = NAFTA • 1 = Main Software language version number MR5.20_90191 = sub-version number
3 Errors (10 errors possible): Displays the 10 most recent errors. The most recent error is displayed at the upper left.
4 Defective Module: Displays “Unknown” if no defective module is found.
5 Reset Error Buffer: Pressing the “OK” or RIGHT cursor clears the error buffer and the

	“Errors” level shows “No Errors.”
6	Alignments: Allows access to 6 alignment menus. General, Luminance Delay, MSB, GDE-Video, GDE-NVM, and Gamma.
7	Dealer Options: Allows access to dealer “Personal Options” menu.
8	Service Options: Allows access to 6 service option menus. Dual Screen, Video repro, Source Select, Audio repro, Miscellaneous, Opt. No.
9	Initialize NVM: Not Accessible
10	Store Options: Select “OK” to SAVE previously changed selections.
11	Functional Test: This test finds module Errors and places the Error code in the “Errors” register and shows the module name at the “Defective Module” level. If this test finds no faults, the ERROR buffer is set to “No Errors” and the “Defective Module” level shows “NONE.”

SAM Menu Control

Menu items may be selected using the cursor UP/DOWN keys.

- the selected option will be indicated by the enlarged bullet with red cursor indicators
- when not all menu options will fit on the screen, pressing the cursor UP/DOWN or LEFT/RIGHT keys, on the remote transmitter, will display the next/previous menu.

With the cursor LEFT/RIGHT keys, it is possible to:

- activate/deactivate the selected menu (e.g. ALIGNMENTS/GENERAL)
- change the value of the selected menu item (e.g. TUNER AGC)
- activate the selected submenu (e.g. TEST PATTERN)

Menu and Sub-menu Definitions

Reset Error Buffer

Erases the contents of the error buffer. Select the **“Reset Error Buffer”** menu item and press the “OK” button or cursor the RIGHT cursor. The contents of the error buffer are cleared.

Error Code Buffer and Error Codes

Explanation of the Error code buffer

The error code buffer contains all errors detected since the last time the buffer was erased. The buffer is written from left to right. When an error occurs that is not yet in the error code buffer, the error code will appear at the left side and all other errors shift one position to the right.

The error code buffer will be cleared in the following cases:

- by activating “Reset Error Buffer” in SAM menu
- upon automatic reset when content has not changed for 50 consecutive hours

By leaving SDM or SAM via the power switch, the error buffer will not be reset.

Examples:

ERROR: 000 000 000 : No errors detected

ERROR: 036 000 000 : Error code 036 is the last and only detected error

ERROR: 018 036 000 : Error code 036 was first detected and error code 018 is the last detected (newest) error

The contents of the error buffer can also be displayed by use of the “blinking LED” procedure, if no picture is available. See explanation of “The blinking LED procedure” below.

Error code definition

In case of non-intermittent faults, clear the error buffer before starting the repair. Make sure “old” error codes are not present. If possible check the entire content of the error buffers. In some situations an error code is only the result of another error code (and not the actual cause).

Note: A fault in the protection detection circuitry can also lead to a protection.

Error codes 01,02, 03, and 04 are protection codes, and in this case the supplies of some circuits will be switched off. Also in protection, the LED will blink the number of times equivalent to the most recent error code.

Error Code	Description
1	NVM (M24C32)
2	HFB protection
3	Picnic (SAA4978)
4	5VProtection
5	8V Protection
6	Slow I ² C bus blocked
8	HIP I/O-video processing (TDA9320)
9	Wireless Expander (PCF8574)
12	Topic (LTP Peaking) (TDA9178)
13	Tuner Protection
14	ITT sound processor (MSP3411/3412/3452)
15	3D Combfilter protection (μPD64083)
16	Feature Box Protection (FBX)
17	I/O Expander HD Interface (M62320P)
18	Fast I ² C bus blocked
19	Auto Scavem DAC (TDA8444)
21	PIP I/O Expander (M62320P)
22	PIP BOCMA (TDA888X)
23	PIP Tuner
24	PIP Muppet (SAB9081)
25	PIP V-Chip (Z86130)
26	Falconic (SAA4992)
27	Eagle device
28	Back Current loop
32	Flash Ram (EPG)
36	Light engine shutdown Protection Error
37	Light engine shutdown protection. Spontaneous blinking 37-37-37.
38	Lamp Failure.
39	Light engine polarizer fan failure, protection error.
41	Shutdown protection error, spontaneous blinking 41-41-41. GDE not responding
42	Not protection error. GDE NVM error
43	Fan Fault. Not protection error. Shut down if error exists continuously for 2 minutes
44	Ambient Temperature Warning. Not protection error. Message should be displayed for 6 seconds and every 15 minutes as long as temp is above ambient temp.warning
45	High temperature alert. Not protection error. Shut down message should be displayed and system should enter standby after 1 minute if the temperature exceeds this limit.
46	Audio fault (audio board). Not protection error.
47	Audio fault (audio board). Not protection error.
48	Thermo cutoff SW. Protection error

49	Engine Fault Lamp Off. Unexpected Lamp Off. System should enter into standby.
51	Main scaler not working. Communication via EPLD is ok, scaler not responding. Not a protection error.
52	NVM error MSB Pixelworks (local error number MSB=3),
53	Video switch. Local error number MSB=4
54	Audio switch (local error number MSB=5) (TEA6422D)
55	EPLD (local error number MSB=6)
56	ADC error (local error number MSB=7) (AD9888)
57	MSB I2C error. Not protection error
59	Reserved error codes for Nafta Digital TV

The Blinking LED Procedure

NOTE: Perform this procedure WITHOUT any signal applied. This is necessary because making any adjustment, such as lowering the volume, will render the Blinking LED procedure inoperative.

The contents of the error buffer can also be made visible through the “blinking LED” procedure. This is especially useful when there is no picture.

- When the SDM is entered, the LED will blink the number of times equal to the value of any error codes.
The ON/OFF indicator turning orange for 500 mSeconds precedes all error code sequences. (There is a possibility of up to 10.) After the 500 mSecond delay, the ON/OFF indicator will turn green for 1500 mSeconds before the first code begins. If an error code is smaller than 10, the ON/OFF indicator will rapidly flash orange 1-9 times to indicate the code. (EXP. Six rapid flashes indicates an error code of 6.) There will be a delay, green light, of approximately 3 seconds between codes. For error codes of 10 and higher, the ON/OFF indicator will slowly flash orange the correct number of times to indicate the first digit, and will then rapidly flash orange the correct number of times to indicate the second digit. (EXP. Three slow orange flashes followed by 6 rapid orange flashes indicate an error code of 36.) When all error-codes are displayed, the sequence is finished and the ON/OFF indicator turns green for 3 seconds. At this point the sequence will begin again as indicated by the ON/OFF indicator turning orange for 500 mSeconds.

Example:

Error code position	1	2	3	4	5
Error buffer:	018	006	036	0	0

- After entering SDM: The sequence will begin with 1 long blink of 500 mSeconds, then pause 1500 mSeconds, then slowly blink once followed by 8 rapid blinks (indicating error code 18), next the LED will pause for 3 seconds followed by 6 rapid blinks (indicating error code 6), next the LED will pause for 3 seconds, then slowly blink 3 times followed by 6 rapid blinks (indicating error code 36), then pause 3 seconds ending the sequence in this example. If there were error codes in positions 4 and 5, those sequences would also be given.

Option Codes

Option code changes are made in the SAM mode.

Enter the Service Alignment Mode (SAM) by pressing the following key sequence on the remote control transmitter: **0-6-2-5-9-6-INFO+**

Do not allow the display to time out while entering the key sequence.

Cursor to the “**Opt. No.**” in the “**Service Options**” level, locate the OPTION CODE LABEL on the rear of

the unit and enter the correct codes for the model being serviced.

Note: Remember to cursor to the “**Store Options**” level and select “**OK**” to save these changes.

Lamp Replacement Procedure

CAUTION: The light source lamp produces extreme heat. Allow a cool-down period before touching or replacing the lamp assembly.

Note: For protection, the lamp circuit contains a “normally closed” switch. Therefore, the lamp will not operate with the lamp access door in the open position.

Note: There are no tools required for this procedure.

To replace the lamp assembly, slide the access door on the rear of the unit to the right. Unscrew the two silver thumbscrews holding the assembly in place. Slide the old lamp assembly out by crimping the “metal handle” and pulling straight out. Install the replacement lamp assembly by pushing into place and tightening the thumbscrews. Slide the Lamp access door to the left to close. **“The unit will not operate with this door open.”**

Light Engine Replacement and Focus Adjustment Procedure

CAUTION: Do not remove the three “silver” nuts and washers as these hold the Light Engine support bracket and are critical adjustment points for focus and picture alignment.

CATUION: The Light Engine has an operating voltage of approximately 1,000 volts. Always use caution when working in the vicinity of the Light Engine while the unit is in operation.

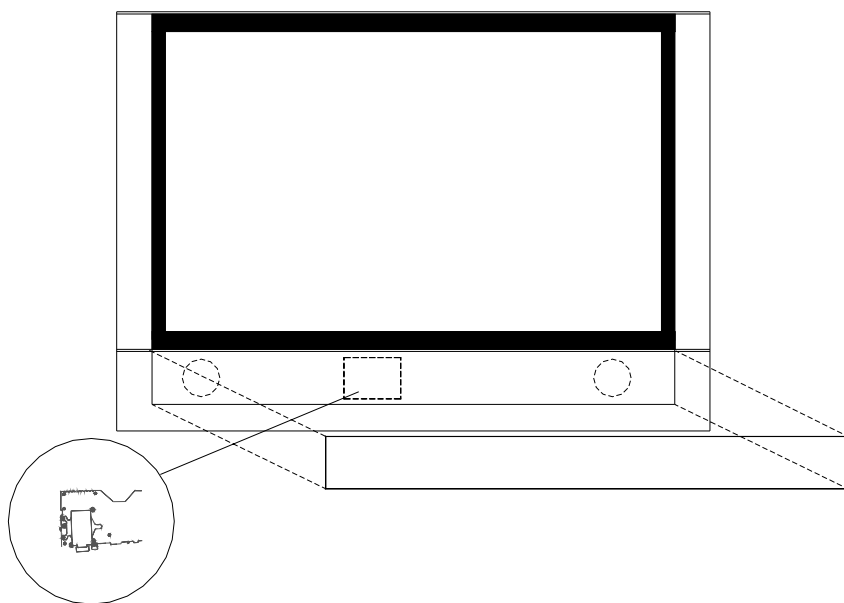
The LCoS Light Engine comes pre-adjusted. No adjustment for focus should be required. In rare cases, the set may require a minor focus touch up.

Due to screw placement, to replace the Light Engine, it is necessary to remove the upper-back before beginning the replacement. Use care with the routing of the wiring for the Customer Keypad when replacing the upper-back. Also, note mounting direction of the Upper-back support bracket for proper re-installation.

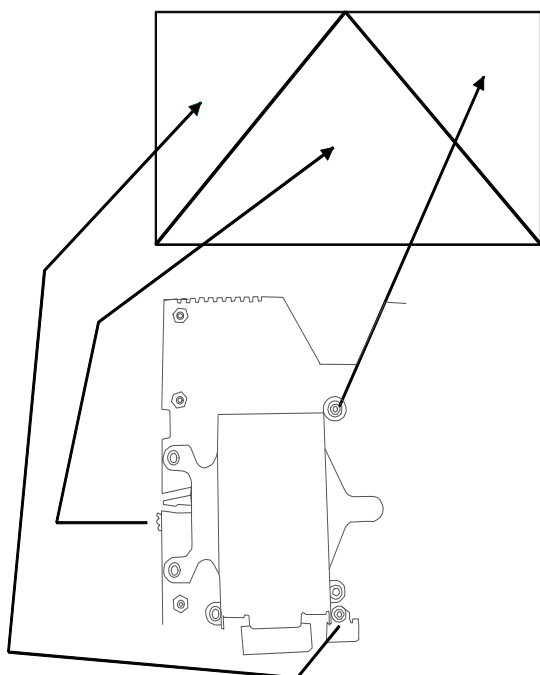
To remove the Light Engine, remove the three “black” T-10 Torx screws located in the vicinity of each of the three “silver” nuts and washers. The front Torx screw is located directly beneath the 10mm wide, white clip, located on the top front of the Light Engine housing. Re-install the Light Engine in reverse order.

Light Engine Focus Adjustment and Alignment Procedure

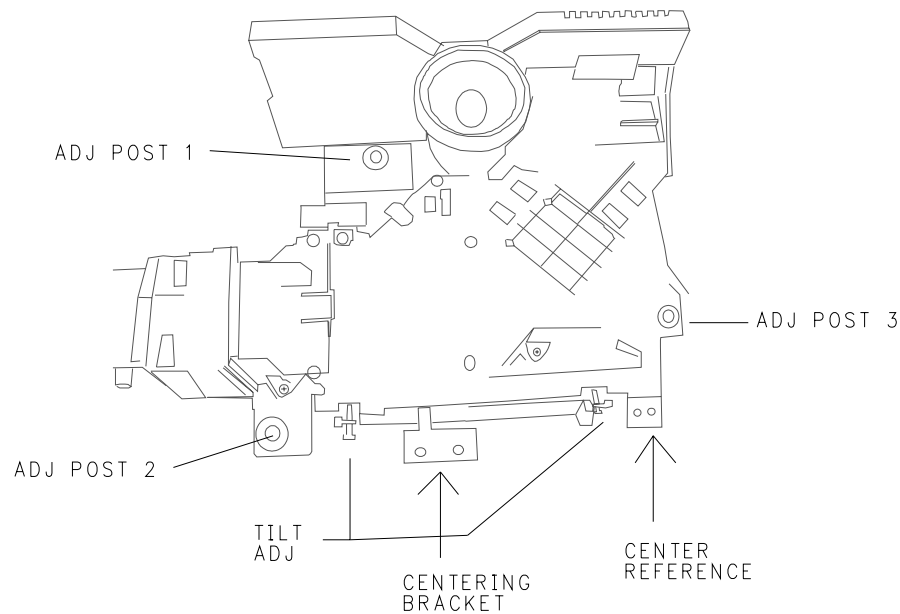
To access the Focus Adjustments on the Light Engine, it will first be necessary to remove the Speaker baffle. The baffle is removed by gently prying and pulling with the finger tips. Care should be use not to damage the plastic retainer pins.



The access port to the focus thumbwheel is located just left of center. An inverted 4.5mm hex socket is required for these adjustments. The upper screw (see below) adjusts the upper right portion of the screen. The thumbwheel adjust the lower part of the screen, and the lower screw adjusts the upper left part of the screen. No more than two complete turns should be required to correct the focus.



Light Engine Position Adjustment



1. Loosen the lock nut on each Adjustment Post. This will require a 4mm wrench.
2. Using a #15 Torx, loosen the Centering Bracket.
3. Place a 1/4 inch or 6mm rod in the Center Reference to keep the Light Engine Centered.
4. Adjust the Tilt Adjustment screws to make the Light Engine parallel with the cabinet.
5. Turn the set on and apply a crosshatch pattern to the set.
6. If the picture is tilted, use adjustment post 2 to correct the picture. Use an E4 inverted hex to adjust the post.
7. If the picture is high or low, use adjustment post 1 to correct the picture.
8. If the picture is shifted to the left or right, use adjustment post 3 to correct.
9. If the picture is still shifted to the left or right, remove the Centering Rod and slide the assembly to correct the picture.
10. Tighten the Centering Bracket.
11. Tighten the Lock Nut on each of the adjustment post. To prevent the post from turning, place the inverted hex over each post.
12. Remove the Centering rod.

To purchase the E4 Hex socket, go to www.stanleyproto.com. Order item 6904TX.

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WIRING DIAGRAMS

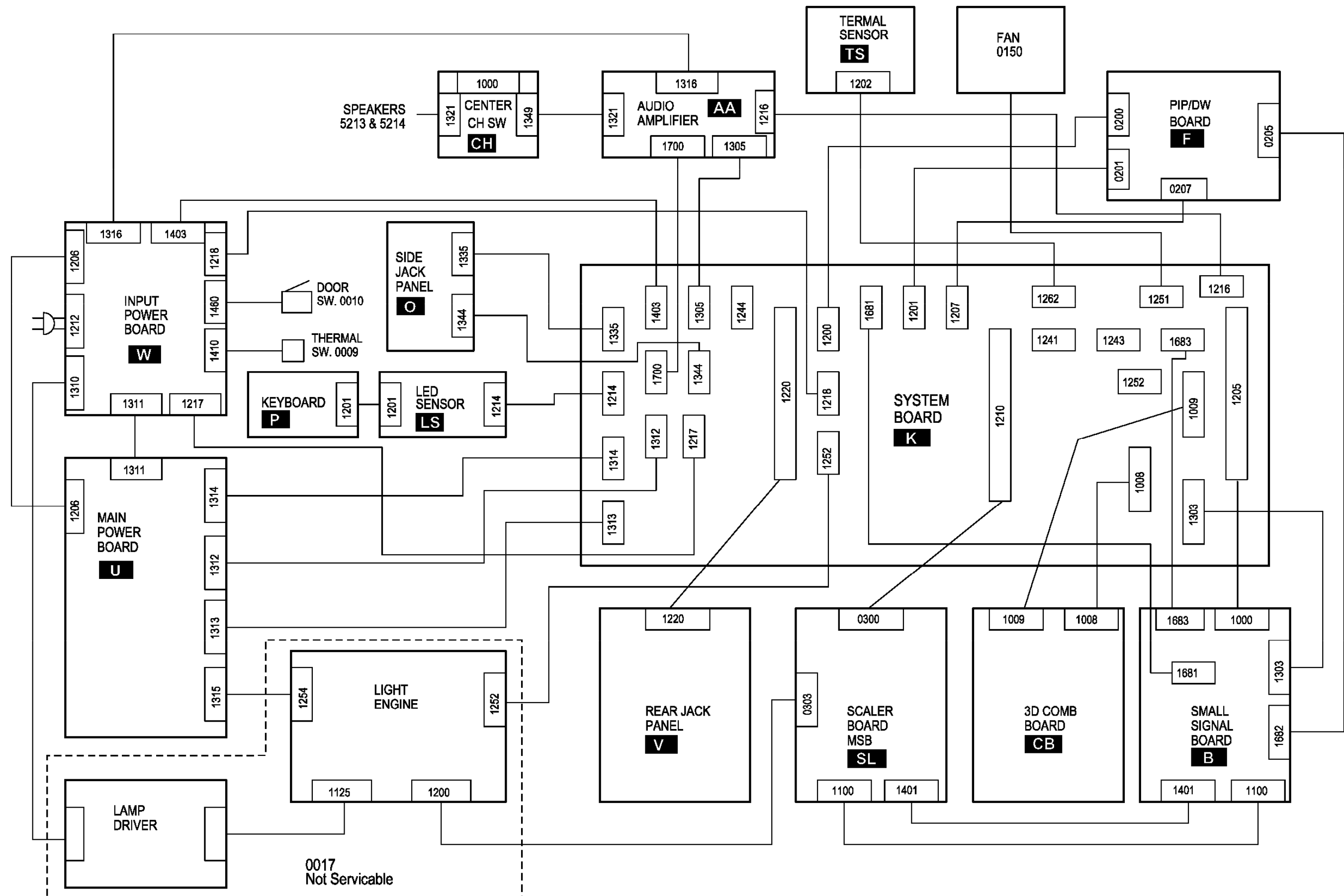
OVERALL WIRING DIAGRAM
DETAIL 1 WIRING DIAGRAM
DETAIL 2 WIRING DIAGRAM
IIC BUS SIGNAL DIAGRAM

REFER TO SAFETY GUIDELINES

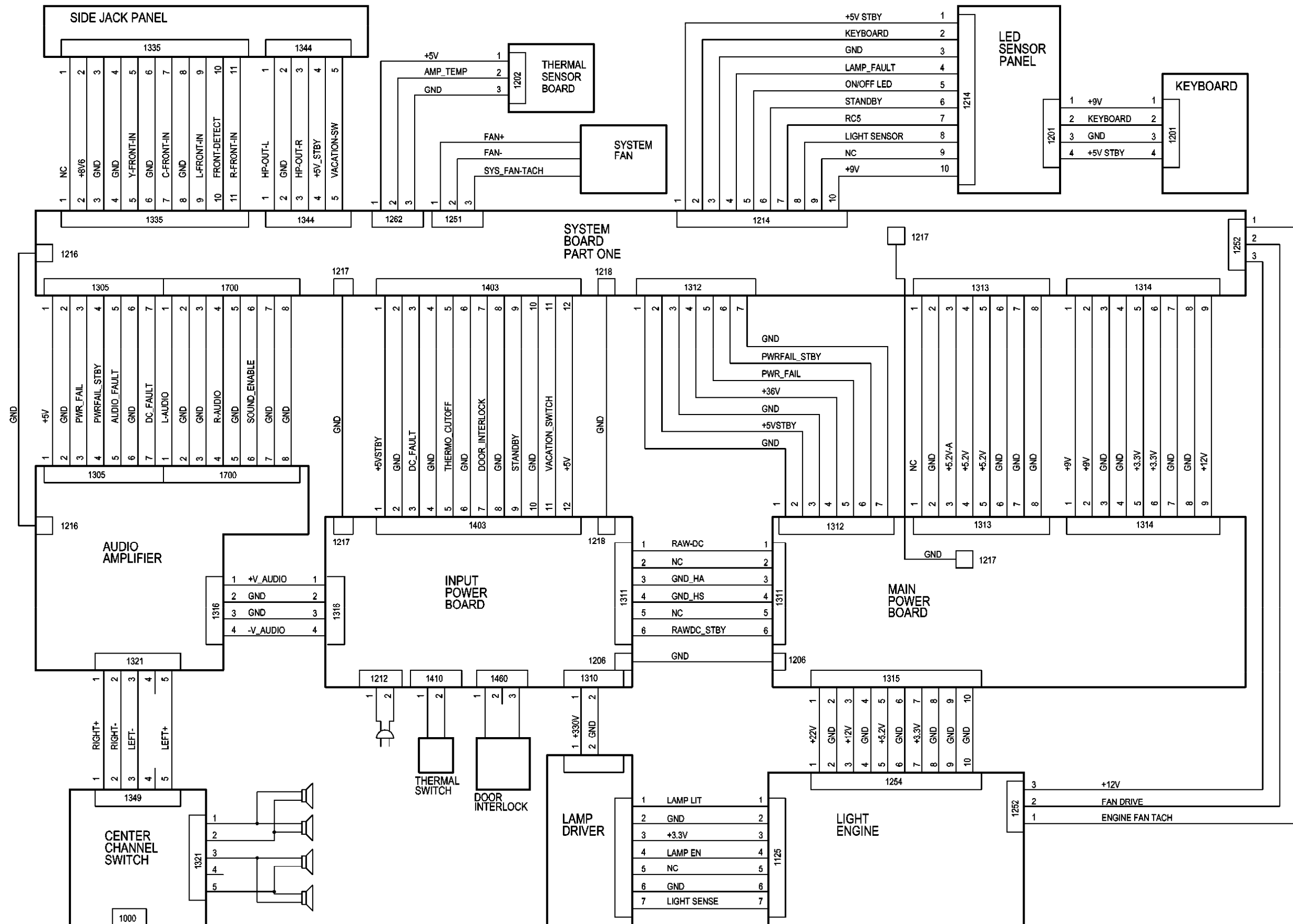
SAFETY NOTICE: ANY PERSON ATTEMPTING TO SERVICE THIS CHASSIS MUST FAMILIARIZE HIMSELF WITH THE CHASSIS AND BE AWARE OF THE NECESSARY SAFETY PRECAUTIONS TO BE USED WHEN SERVICING ELECTRONIC EQUIPMENT CONTAINING HIGH VOLTAGES.

CAUTION: USE A SEPARATE ISOLATION TRANSFORMER FOR THIS UNIT WHEN SERVICING

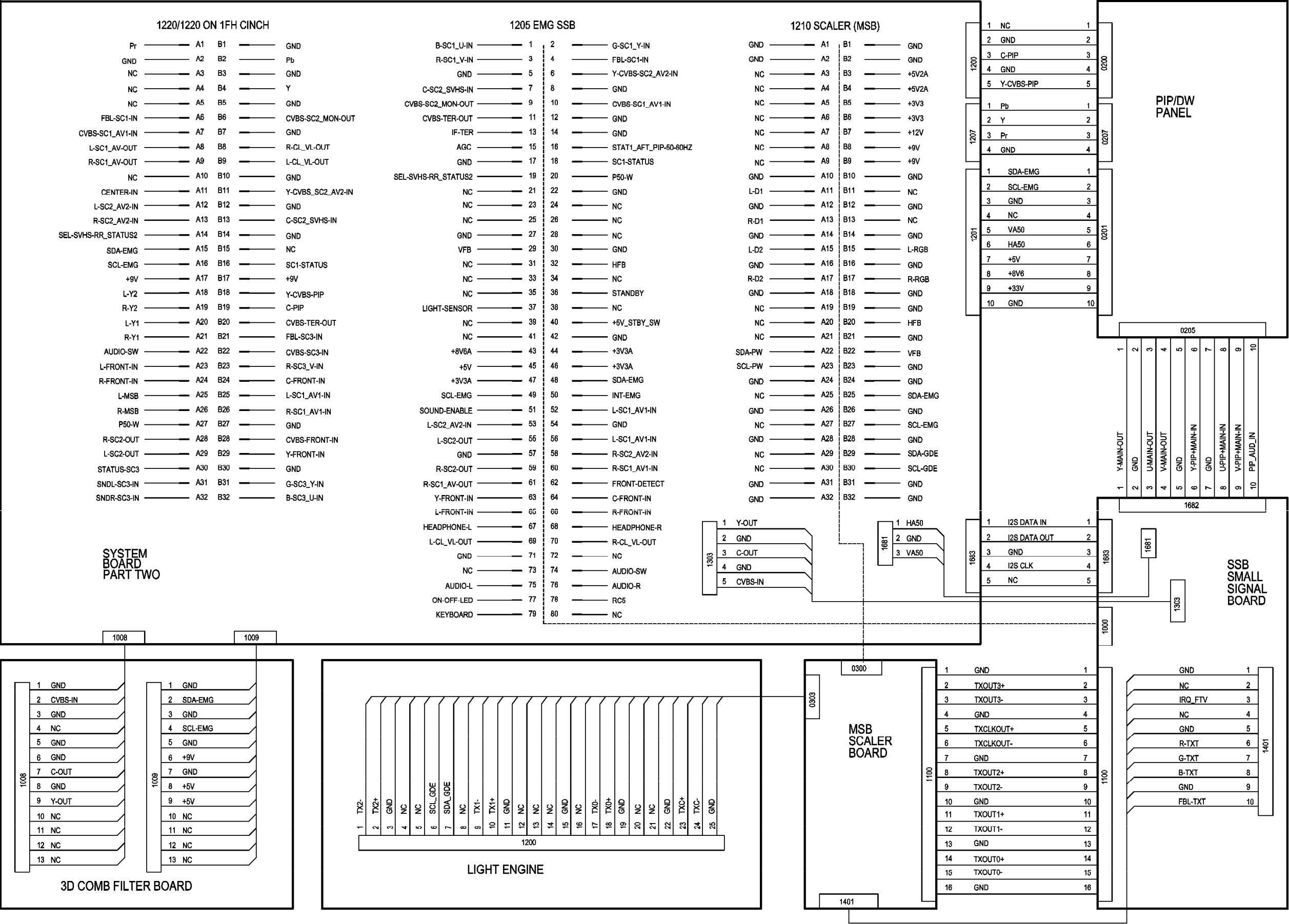
LCoS Overall Wiring Diagram



LCoS Wiring Diagram - Detail 1 (Pin to Pin)



LCoS Wiring Diagram - Detail 2 (Pin to Pin)

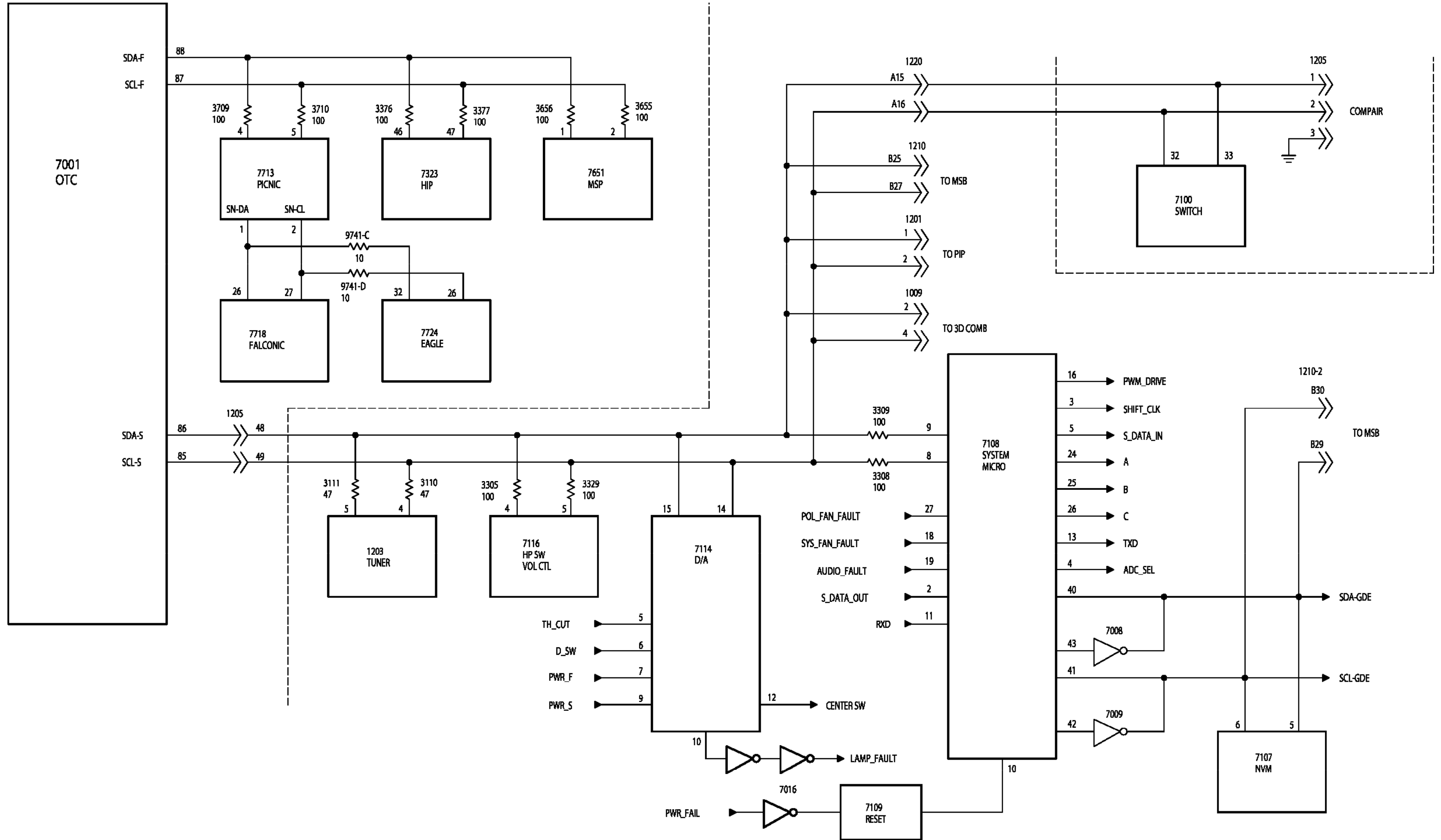


IIC BUS SIGNAL DIAGRAM

SSB

SYSTEM BOARD

JACK PANEL



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SCHEMATICS

[W] Input Power Panel (1 of 2)
[U] Main Power Panel
[K] System Board (1 of 4)
[B] SSB Panel (1 of 11)
[SL] Scaler Panel (1 of 13)
[F] PIP Panel, DW_Panel (1 of 6)
[CB] 3D Comb Filter Panel
[V] Rear Jack Panel (1 of 2)
[O1] Side Jack Panel
[LS] LED/Sensor Panel
[P1] LED/Keyboard Panel
[TS1] Thermal Sensor Panel
[AA1] Audio Amplifier Panel
[CH] Center Channel Switch Panel

REFER TO SAFETY GUIDELINES

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CAUTION: USE A SEPARATE ISOLATION TRANSFORMER FOR THIS UNIT WHEN SERVICING

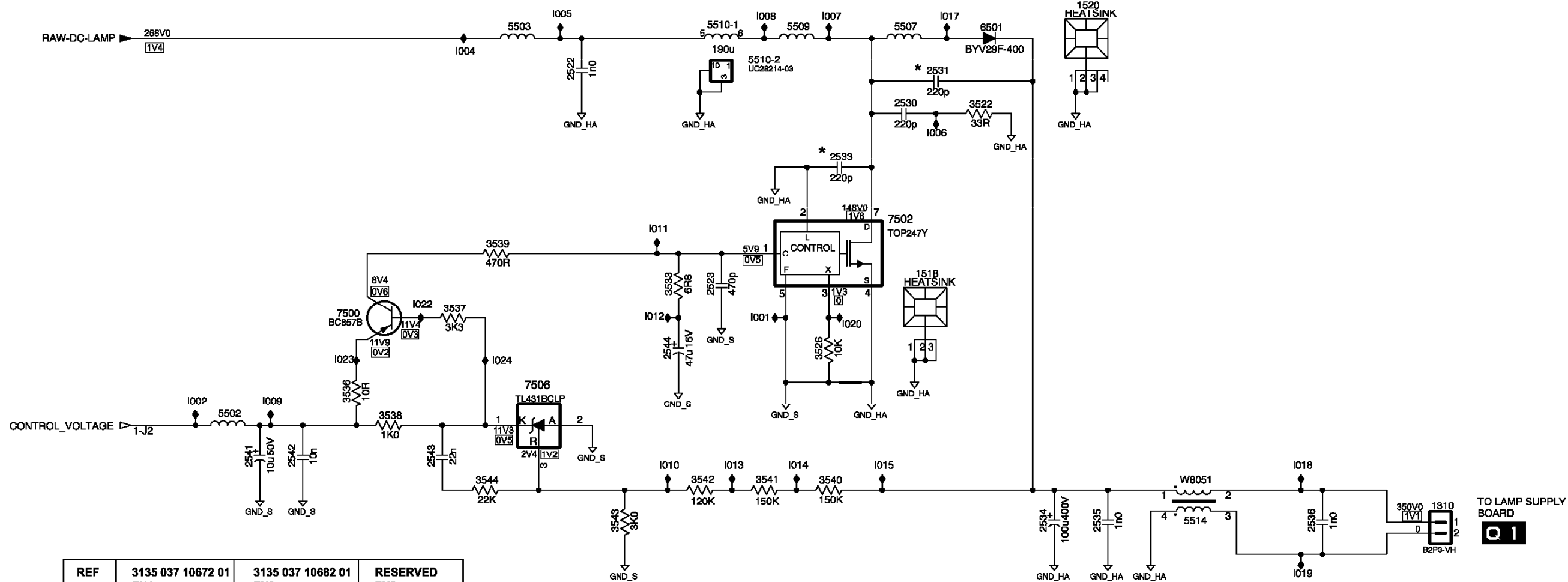
A	1206	E 7	6403	N 8
	1207	F 3	6404	J 7
	1208	E 5	6405	J 6
	1209	D 8	6406	K 4
	1210	C 11	6407	N 10
B	1211	C 3	6408	N 9
	1212	C 2	6409	N 9
	1214	E 2	6410	L 5
	1215	D 12	6411	H 4
	1217	F 2	6413	G 10
C	1218	N 7	6414	I 10
	1311	F 16	7211	B 12
	1316	I 15	7212	B 13
	1401	I 2	7402	I 3
	1402	G 9	7406	L 10
D	1403	B 16	7408	O 9
	1410	H 16	7409	N 8
	1400	G 16	7410	N 10
	2200	C 11	7411	M 7
	2201	B 7	7412	M 9
E	2202	D 12	9201	B 9
	2203	D 11	9203	D 14
	2205	C 3	9204	D 13
	2206	D 13	9206	D 12
	2208	E 13	9207	D 13
F	2209	E 13	9208	E 13
	2210	D 15		
	2211	G 15		
	2212	E 9		
	2213	E 3		
G	2214	E 4		
	2215	B 16		
	2216	D 15		
	2217	F 9		
	2219	F 8		
H	2220	F 2		
	2221	E 7		
	2222	D 7		
	2225	G 14		
	2249	B 14		
I	2421	G 7		
	2423	L 3		
	2424	H 5		
	2421	H 5		
	2432	H 5		
J	2433	I 5		
	2434	I 7		
	2435	J 7		
	2436	K 9		
	2437	I 6		
K	2441	K 6		
	2442	L 11		
	2443	K 11		
	2444	L 3		
	2453	G 10		
L	2454	H 11		
	2456	H 10		
	2457	I 11		
	2472	O 8		
	2473	M 7		
M	3202	B 5		
	3203	B 5		
	3204	C 7		
	3207	B 9		
	3210	B 9		
N	3211	D 9		
	3212	C 4		
	3213	D 8		
	3214	D 9		
	3215	D 8		
O	3216	E 4		
	3217	D 6		
	3219	F 3		
	3219	F 3		
	3245	B 15		
P	3246	B 14		
	3247	B 13		
	3248	B 14		
	3249	B 12		
	3252	G 15		
Q	3253	E 14		
	3403	J 3		
	3425	G 3		
	3426	C 3		
	3429	J 11		
R	3430	K 4		
	3431	K 11		
	3432	K 10		
	3433	L 3		
	3438	L 11		
S	3441	K 5		
	3444	L 11		
	3445	L 11		
	3453	G 10		
	3456	H 10		
T	3460	M 11		
	3461	N 12		
	3462	N 9		
	3463	N 11		
	3464	O 8		
U	3465	O 10		
	3466	O 9		
	3470	L 7		
	3471	M 6		
	3472	M 7		
V	3473	M 8		
	3474	M 8		
	3475	L 9		
	3476	M 10		
	3479	C 9		
W	5210	E 14		
	5211	G 15		
	5212	D 15		
	5213	C 4		
	5214	F 15		
X	5218	C 6		
	5406	G 2		
	5407	G 6		
	5408	H 4		
	5409	H 5		
Y	5410	H 7		
	5411	J 2		
	5412	I 5		
	5417	H 8		
	5419	H 8		
Z	5420	H 12		
	5422	G 12		
	6200	B 11		
	6201	C 12		
	6202	E 9		
	6402	K 4		

NOTES

1. CAPACITANCE VALUES ARE IN FARADS:
m=MILI u=MICRO n=NANO p=PICO f=FEMTO
2. RESISTANCE VALUES ARE IN OHMS:
R=OHM K=KILO M=MEGA G=GIGA T=TERA
3. SAFETY TRIANGLE REPRESENTS PCEC REPLACEMENT PART ONLY.
4. * FOR VALUE SEE TABLE.

W 2

INPUT POWER PANEL (2 OF 2)

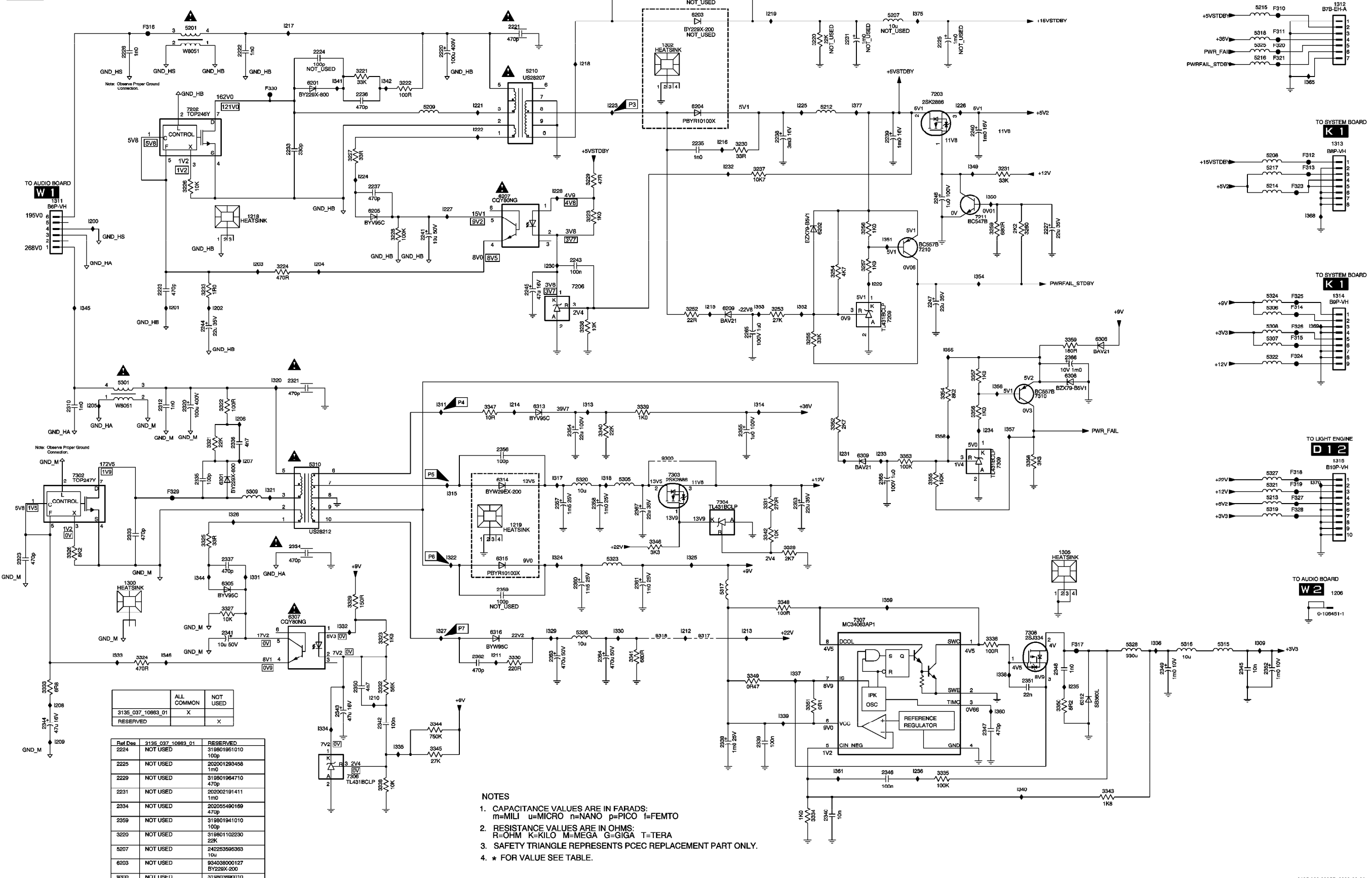


REF	3135 037 10672 01 FN1 NAFTA	3135 037 10682 01 FN0 EURO	RESERVED FN2
2531	NOT USED	NOT USED	3198 019 62210 220p
2533	NOT USED	NOT USED	3198 019 62210 220p

3135 033 33512 01

1310	F 13
1518	D 9
1520	B 10
2522	B 6
2523	D 7
2530	C 9
2531	B 9
2533	C 8
2534	F 10
2535	F 10
2536	F 12
2541	F 3
2542	F 4
2543	F 5
2544	E 7
3522	C 9
3526	E 8
3533	D 7
3536	E 4
3537	D 5
3538	E 4
3539	D 5
3540	F 8
3541	F 7
3542	F 7
3543	F 6
3544	F 5
5502	E 3
5503	B 5
5507	B 9
5510-2	B 7
5509	B 8
5510-1	B 7
5514	F 11
6501	B 9
7500	E 4
7502	D 8
7506	E 6

U1 LCOS MAIN POWER BOARD



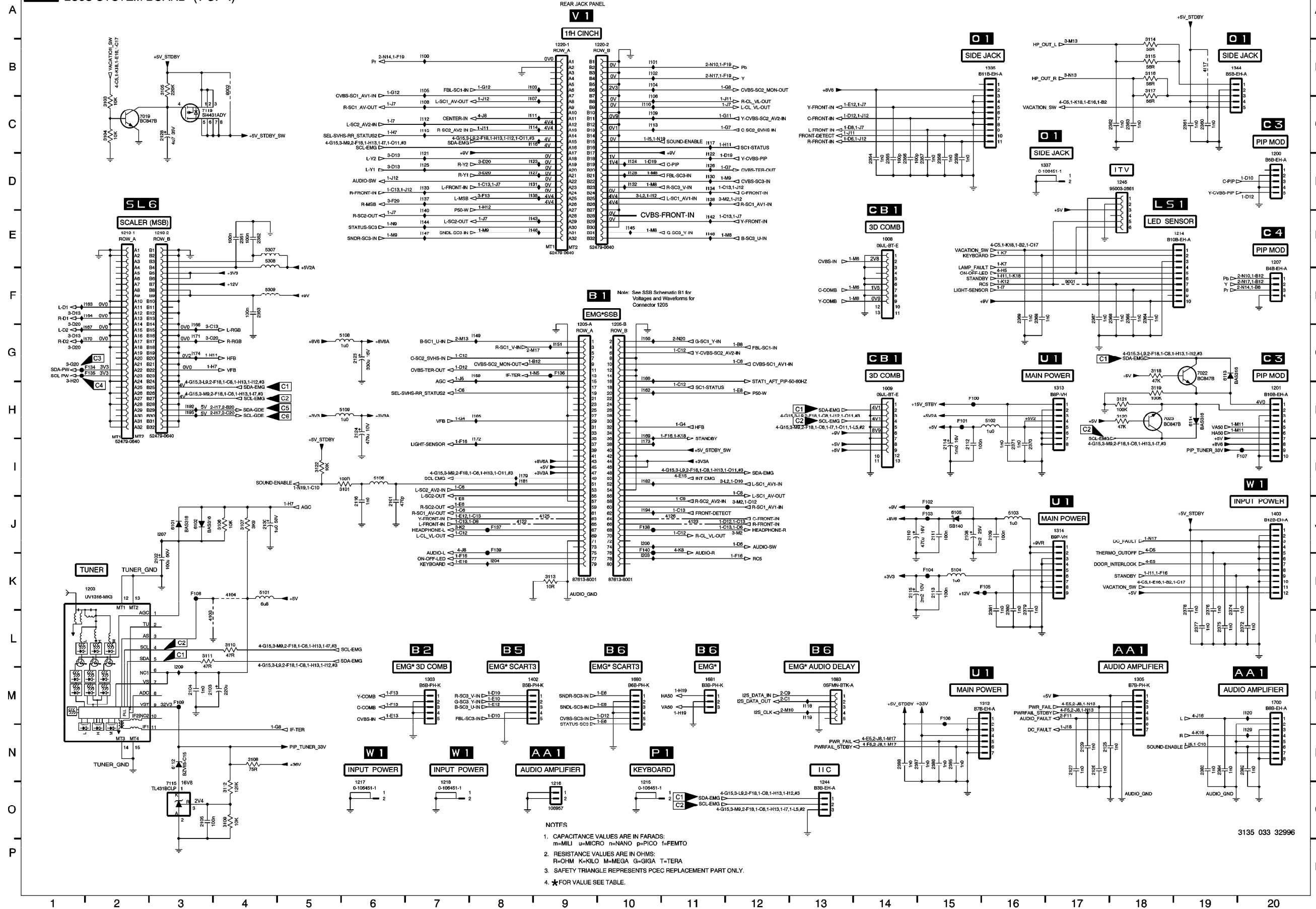
	ALL COMMON	NOT USED
3135_037_10683_01	X	
RESERVED		X

Ref Desc	3135_037_10683_01	RESERVED
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2225	NOT USED	202001293458 1m0
2229	NOT USED	3198019647010 470p
2231	NOT USED	202002191411 1m0
2334	NOT USED	202005490169 470p
2359	NOT USED	319801941010 100p
3220	NOT USED	319801102230 22k
5207	NOT USED	242253595363 10u
6203	NOT USED	934038000127 BY2520K-200
9390	NOT USED	319800090010

NOTES

1. CAPACITANCE VALUES ARE IN FARADS:
m=MILI u=MICRO n=NANO p=PICO f=FEMTO
2. RESISTANCE VALUES ARE IN OHMS:
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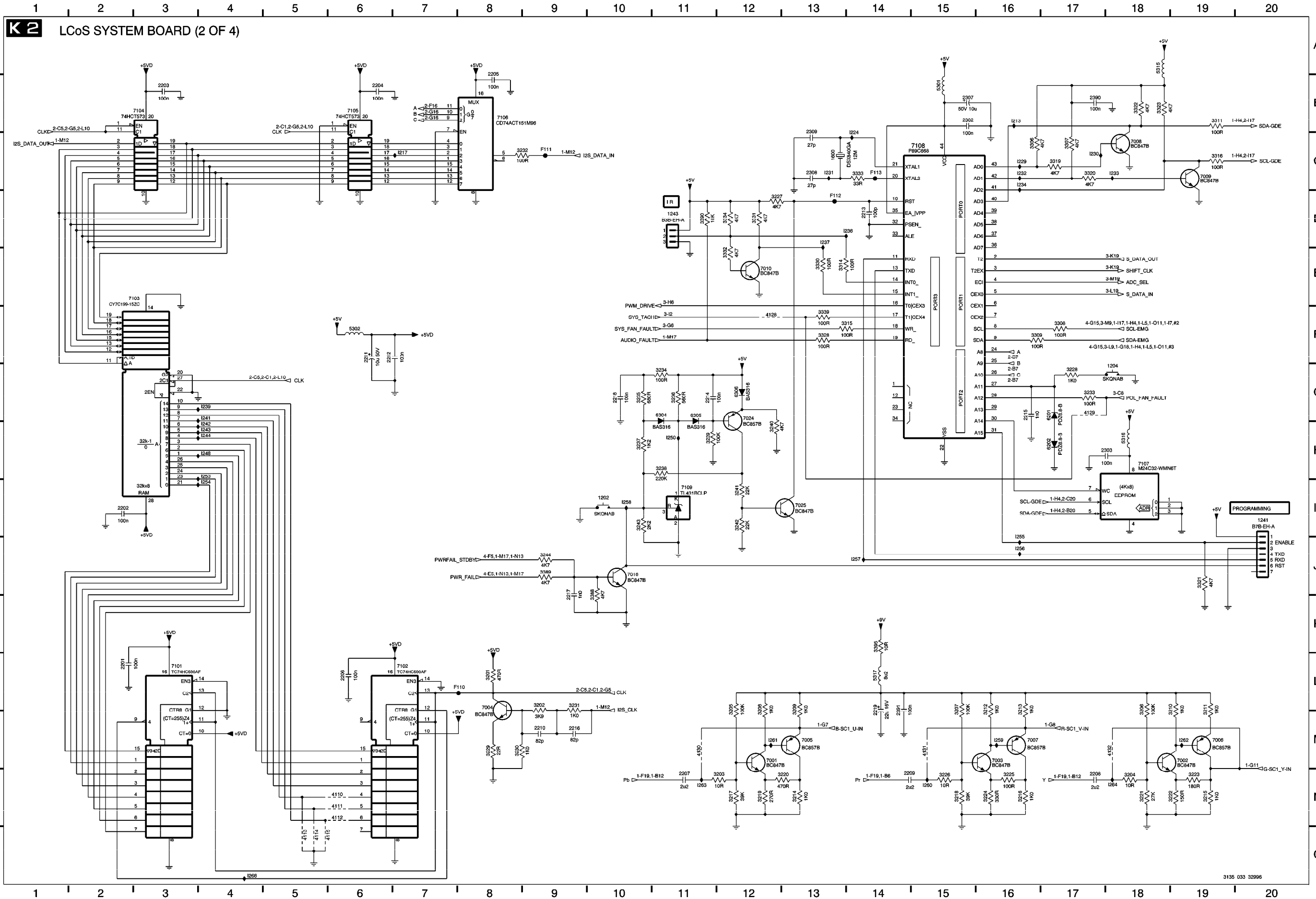
K 1 LCoS SYSTEM BOARD (1 OF 4)

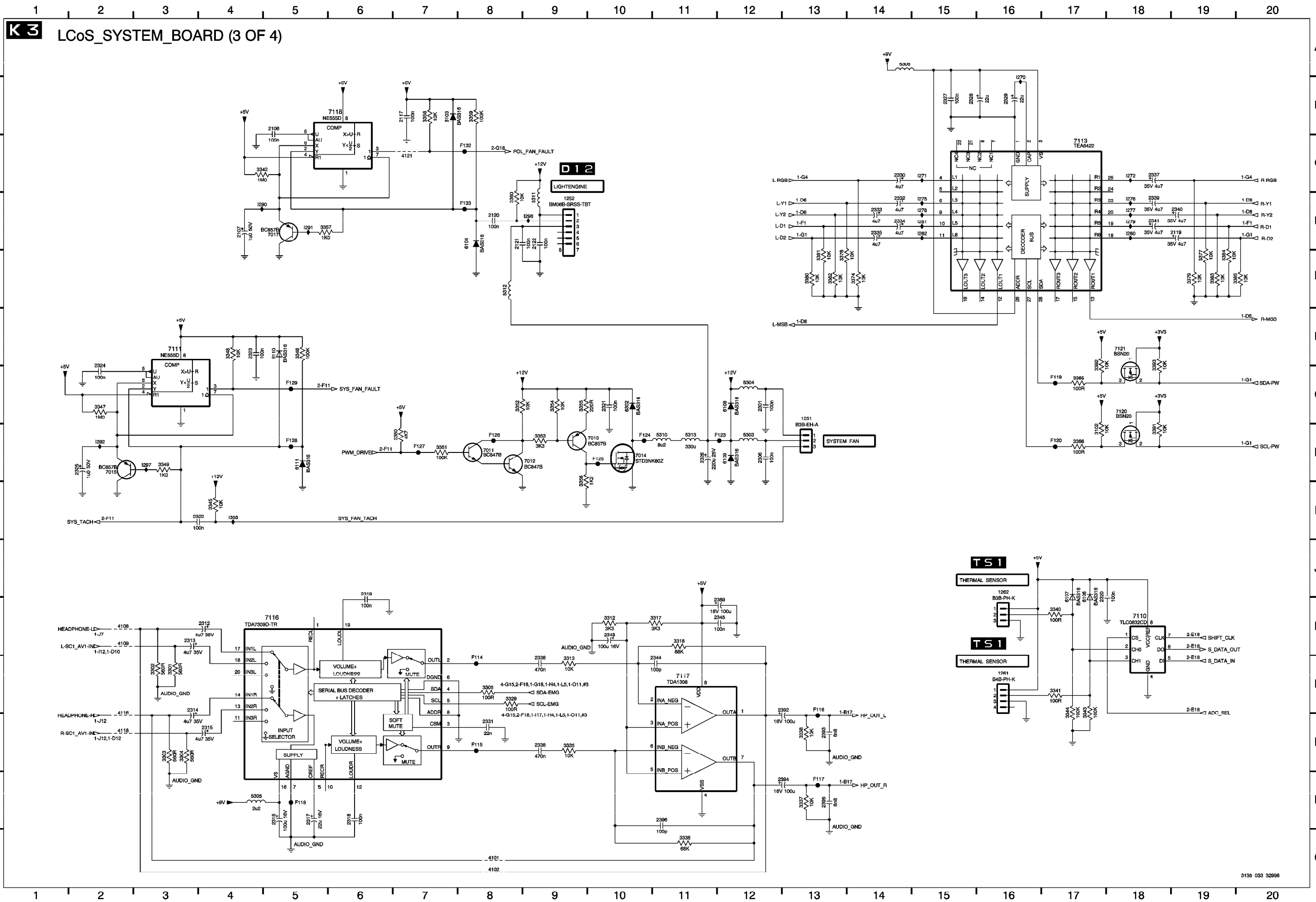


NOTES

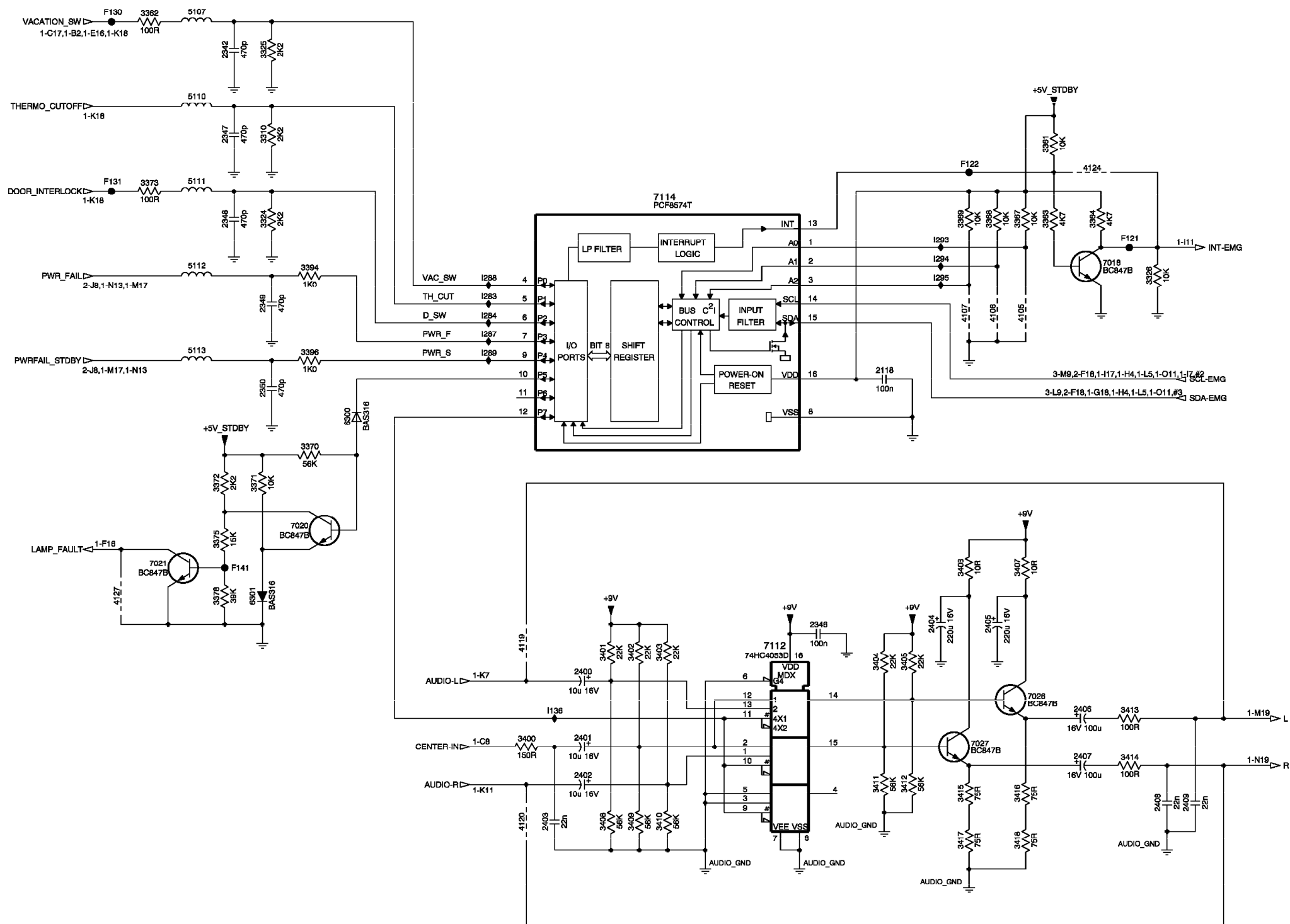
1. CAPACITANCE VALUES ARE IN FARADS:
m=MILI u=MICRO n=NANO p=PICO f=FEMTO
2. RESISTANCE VALUES ARE IN OHMS:
R=OHM K=KILO M=MEGA G=GIGA T=TERA
3. SAFETY TRIANGLE REPRESENTS PCEC REPLACEMENT PART ONLY.
4. *FOR VALUE SEE TABLE.

3135 033 32996





K 4 LCoS SYSTEM BOARD (4 OF 4)



v1 G3	v6 G3	v11 G5	v16 G5	v21 G6	v26 G7	v31 G8	v38 G10	v43 G11	v48 G11	v53 G12	v58 G13	v63 G14	0002 C1	0007 D1	0012 E2	2902 G14	2907 G5	2912 G2	5904 F2	5914 F14	5920 F5	9902 F3	9907 F4	9912 G3	9917 G4	9922 G5	9928 G6	9934 G5	9939 F12	9945 G6	9950 G7	9955 G8	9962 G7
v2 G3	v7 G4	v12 G5	v17 G6	v22 G6	v27 G7	v32 G8	v39 G10	v44 G11	v49 G12	v54 G12	v59 G13	v64 G14	0003 C1	0008 D2	0013 E2	2903 G14	2908 G1	5900 F1	5910 F14	5915 F8	6926 G6	9903 F3	9908 F4	9913 G3	9918 G2	9923 G5	9929 G7	9935 F8	9940 G11	9946 G6	9951 G7	9958 G6	9963 G7
v3 G3	v8 G4	v13 G5	v18 G6	v23 G7	v28 G7	v35 G9	v40 G10	v45 G11	v50 G12	v55 G12	v60 G13	v65 G8	0004 C2	0009 E1	1000 H2	2904 G10	2909 G1	5901 F1	5911 F14	5917 F10	6956 G6	9904 F3	9909 F3	9914 G3	9919 F5	9924 G5	9930 G5	9936 G8	9941 G11	9947 G6	9952 G7	9959 G6	9964 G7
v4 G3	v9 G4	v14 G5	v19 G6	v24 G7	v29 G8	v36 G9	v41 G10	v46 G11	v51 G12	v56 G13	v61 G13	v71 G12	0005 D1	0010 E1	2900 G14	2905 G8	2910 G1	5902 F2	5912 F9	5918 F9	6957 G6	9905 F3	9910 G3	9915 G4	9920 F5	9925 G6	9931 G6	9937 F11	9942 G12	9948 G7	9953 G8	9960 G7	9965 G8
v5 G3	v10 G4	v15 G5	v20 G6	v25 G7	v30 G8	v37 G10	v42 G10	v47 G11	v52 G12	v57 G13	v62 G14	0001 C1	0006 D1	0011 E1	2901 G13	2906 G9	2911 G2	5903 F2	5913 F13	5919 F10	9901 F3	9906 F4	9911 G3	9916 G4	9921 F5	9927 F5	9932 G7	9938 F11	9944 G6	9949 G7	9954 G8	9961 G7	9966 G8

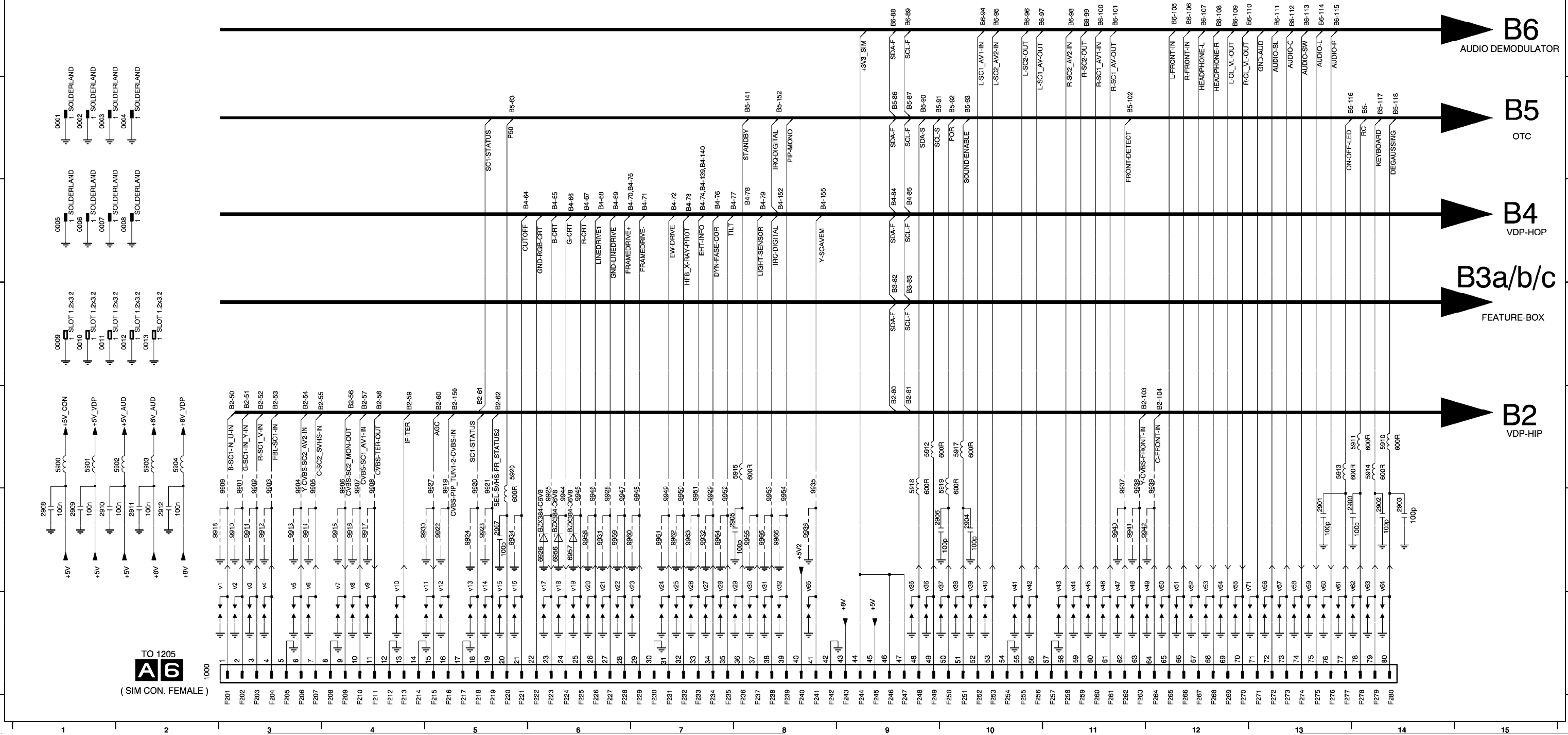
B 1

SIM CONNECTOR (MALE)

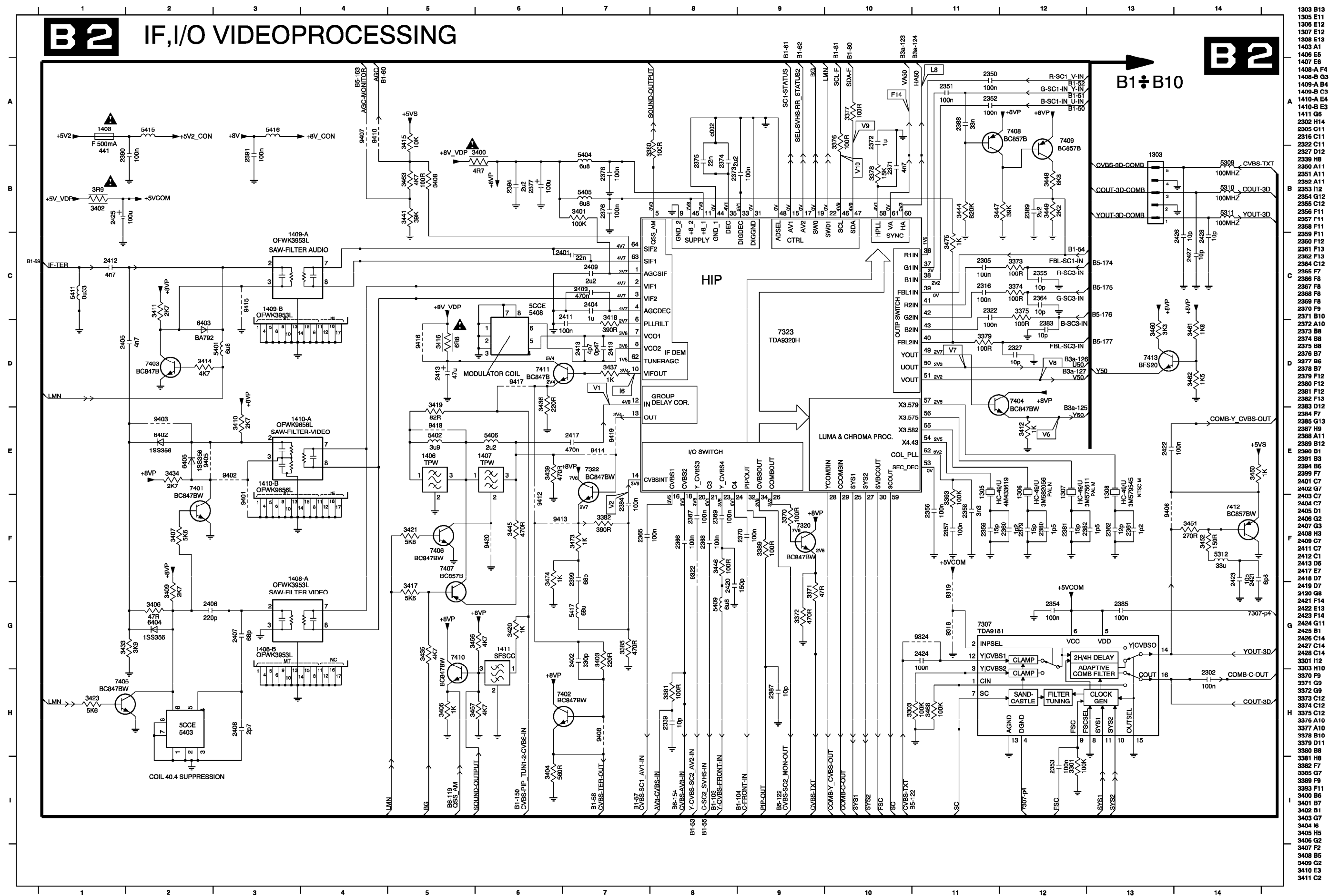
B 1

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H



B 2 IF,I/O VIDEOPROCESSING

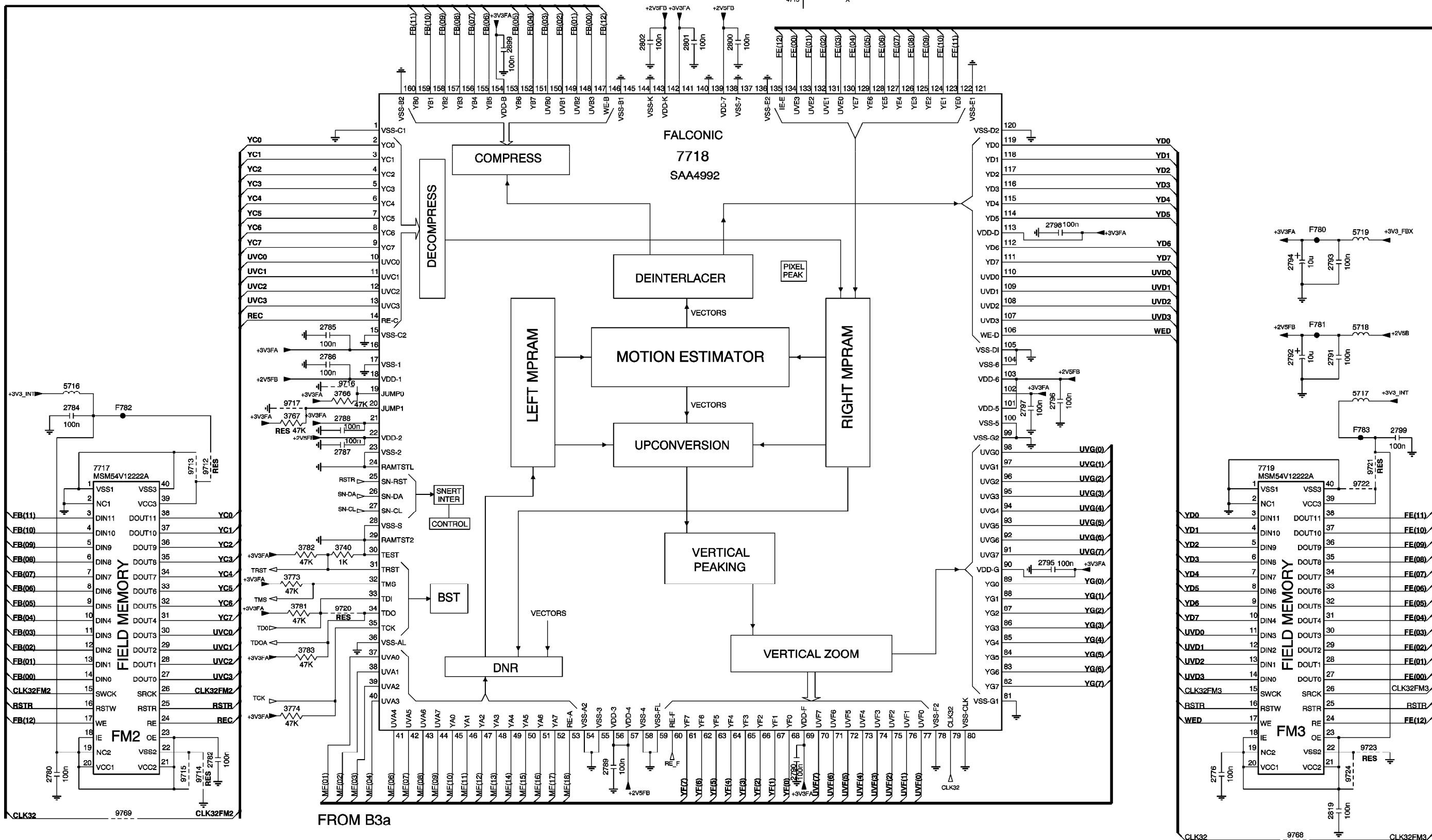


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	1306 E12	3415 A5
	1307 E12	3416 D5
	1308 E13	3417 G5
	1403 A1	3418 C7
	1406 E5	3419 D5
	1407 E6	3420 G6
	1408-A F4	3421 H1
	1408-B G3	3423 F1
	1409-A B4	3433 G1
	1409-B C3	3434 E2
	1410-A E4	3435 G5
	1410-B E3	3436 D6
	1411 A1	3437 D7
	2302 H14	3438 E6
	2305 C11	3441 B5
	2316 C11	3444 B11
	2322 C11	3445 F6
	2327 D12	3446 B8
	2339 H6	3447 B11
	2350 A11	3448 B12
	2351 A11	3449 B12
	2352 A11	3450 E14
	2353 H12	3451 F14
	2354 G12	3452 F14
	2355 C12	3456 G5
	2356 F11	3457 H5
	2357 F11	3460 D13
	2358 F11	3461 D14
	2359 F11	3462 D14
	2360 F12	3463 B5
	2361 F13	3468 H11
	2362 F13	3473 F7
	2364 C12	3474 F6
	2365 F7	3475 C11
	2366 F8	5309 B14
	2367 F8	5310 B14
	2368 F8	5311 F14
	2369 F8	5312 F14
	2370 F9	5401 D5
	2371 B10	5402 E5
	2372 A10	5403 H7
	2373 B8	5404 B2
	2374 B8	5405 B7
	2376 B8	5406 B5
	2377 B7	5408 C6
	2378 B7	5409 C8
	2379 F12	5411 C11
	2380 F12	5415 A2
	2381 F12	5417 G7
	2382 F13	6402 E2
	2383 D12	6403 D2
	2384 F7	6404 G2
	2385 G13	6405 E2
	2387 H9	7307 G11
	2388 A11	7320 F9
	2389 B12	7322 E7
	2390 B11	7323 D9
	2391 B3	7401 E2
	2394 B6	7402 H7
	2402 C7	7403 D12
	2401 C7	7404 D12
	2402 G7	7405 H1
	2403 C7	7406 F5
	2404 C7	7407 F5
	2405 D1	7408 A12
	2406 G2	7409 A12
	2407 G3	7410 G5
	2408 H3	7411 D6
	2411 C7	7412 F14
	2412 C11	9313 D13
	2413 D5	9319 G11
	2417 E7	9322 F8
	2418 D7	9324 G11
	2419 D7	9401 F3
	2420 G6	9402 E3
	2421 F14	9403 E2
	2422 E13	9405 E2
	2423 F14	9406 F13
	2424 G11	9407 A4
	2425 B1	9408 H7
	2426 C14	9410 A4
	2427 C14	9412 F6
	2428 C14	9413 F6
	3301 H12	9414 E7
	3303 H10	9415 C3
	3370 F9	9416 D5
	3371 G9	9417 D6
	3372 G8	9418 E5
	3373 C12	9419 E7
	3374 C12	c002 A8
	3375 A10	
	3376 A10	
	3377 A10	
	3378 B10	
	3379 D11	
	3380 B8	
	3381 H6	
	3382 F7	
	3385 G7	
	3389 F9	
	3393 F11	
	3400 B6	
	3401 B7	
	3402 B1	
	3403 G7	
	3404 H6	
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	3406 G2	
	3407 F2	
	3408 B5	
	3409 G2	
	3410 E3	
	3411 C2	

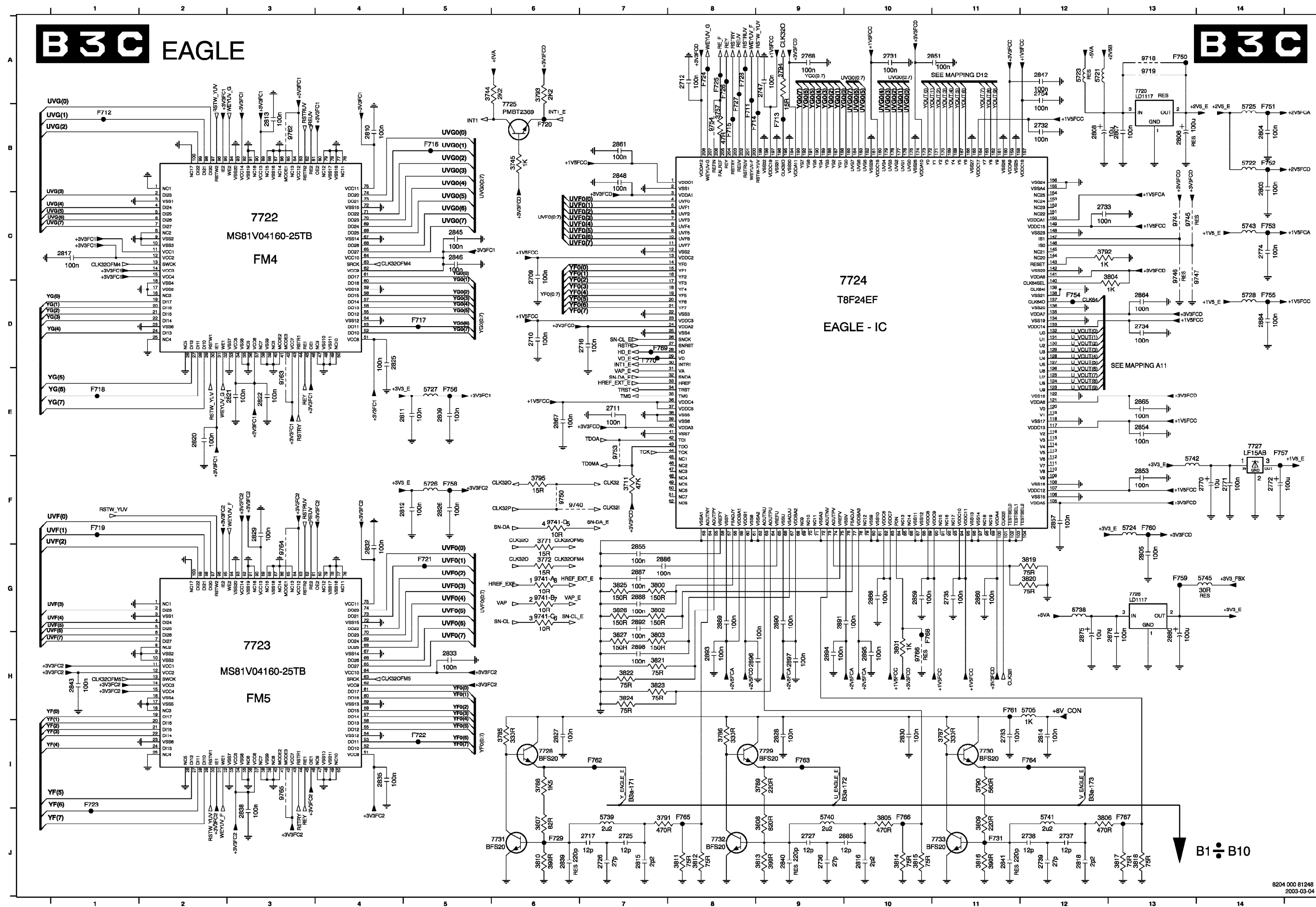
B3B FALCONIC

B3B

OKI	PHILIPS
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4722	X
4723	X
4724	X
4712	X
4713	X
4714	X
4715	X

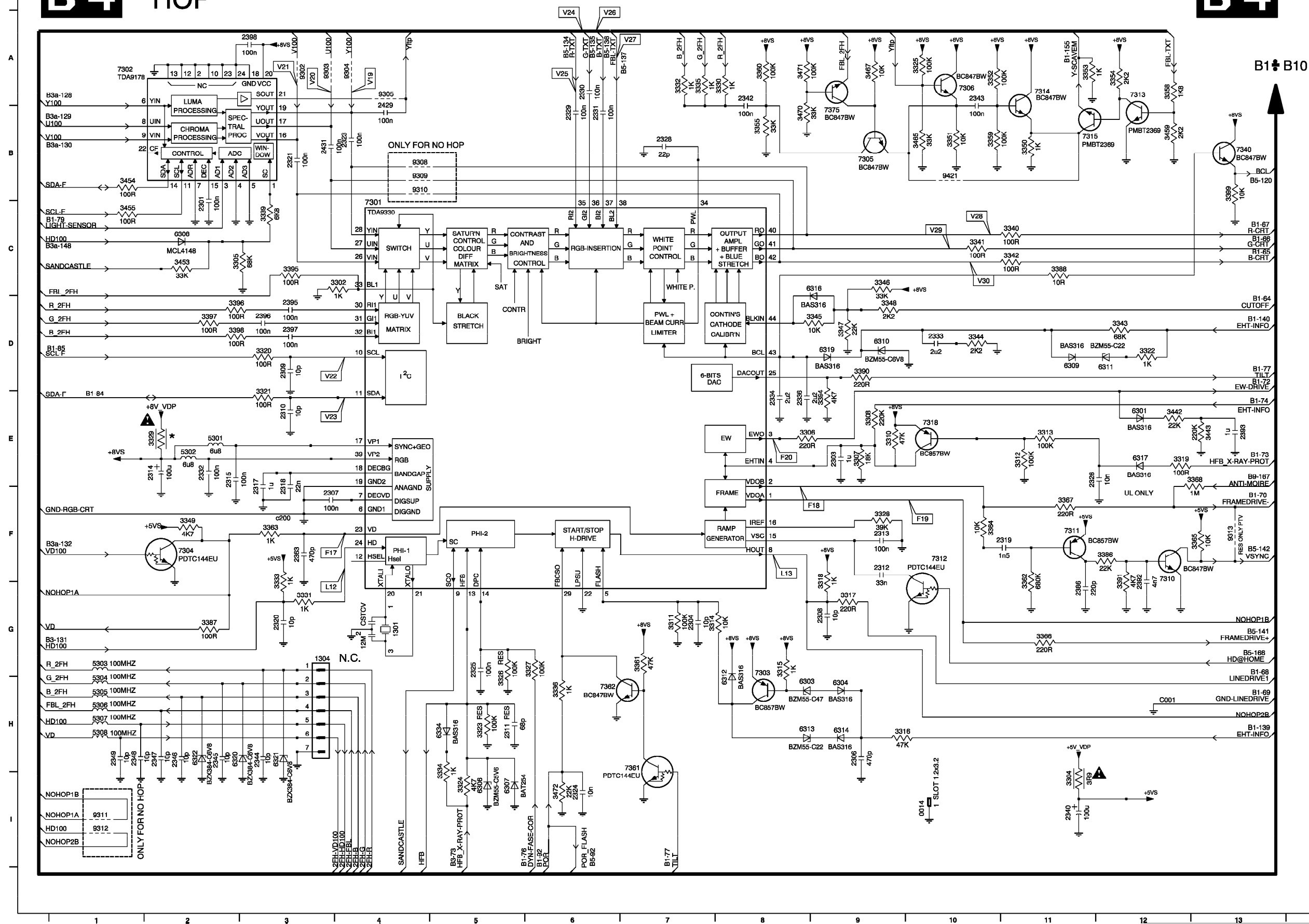


FROM B3a

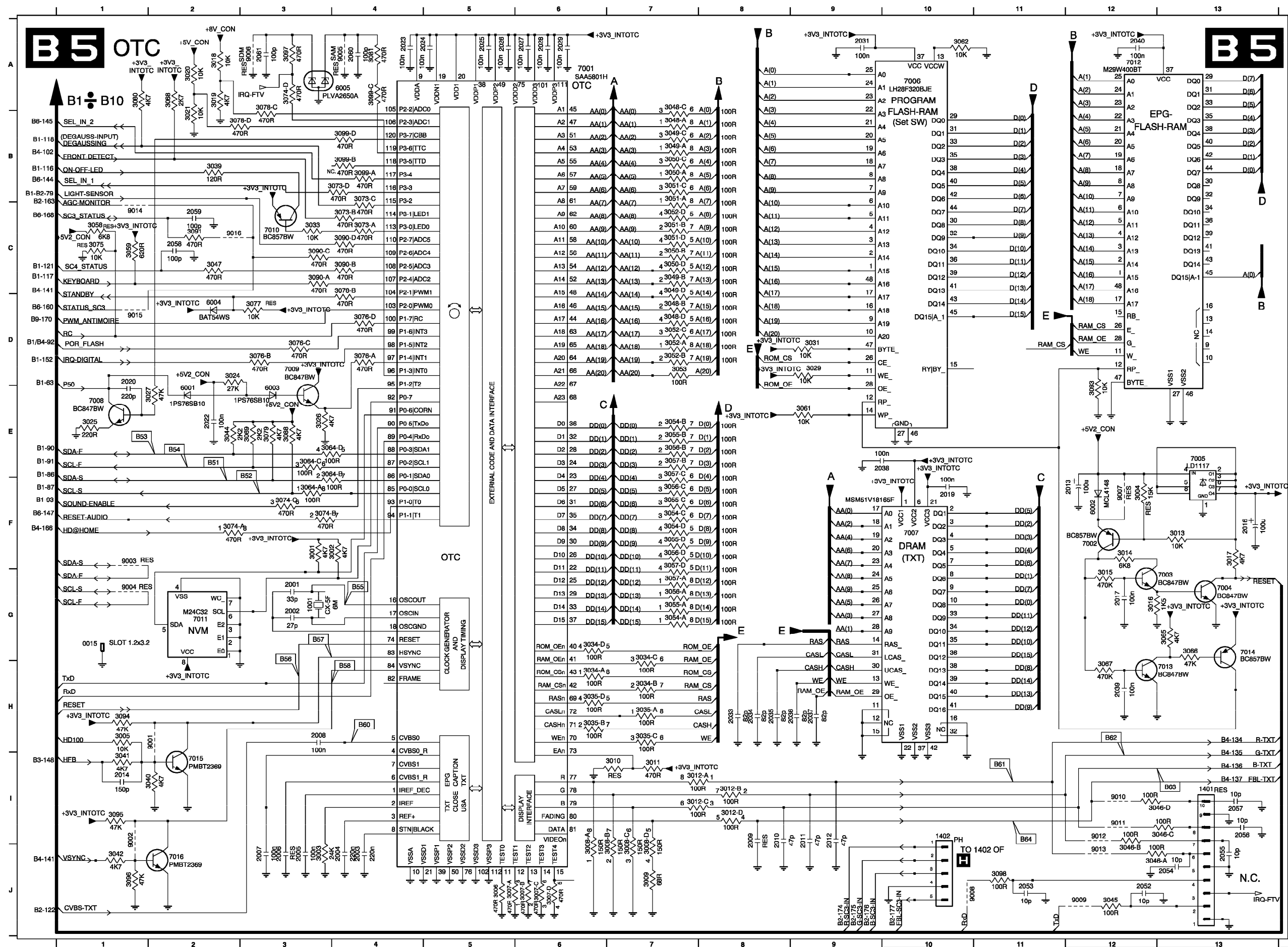


A	2709 C6	3795 F6	F762 I7
	2710 D6	3800 G7	F763 I9
	2711 E7	3801 H10	F764 I12
	2712 A8	3802 G7	F765 J8
	2716 D7	3803 H7	F766 J10
	2717 J7	3804 C13	F767 J13
	2725 J7	3805 J10	F768 H10
	2726 J7	3806 J12	F769 D7
	2727 J9	3807 J6	F770 D7
	2731 A10	3808 J9	
B	2732 B12	3809 J11	
	2733 C12	3810 J6	
	2734 D13	3811 J8	
	2735 G11	3812 J8	
	2736 J9	3813 J9	
	2737 J12	3814 J10	
	2738 J12	3815 J10	
	2739 J12	3816 J11	
	2747 A9	3817 J13	
	2754 A12	3818 J9	
C	2768 A9	3819 G12	
	2770 F14	3820 G12	
	2771 F14	3821 H7	
	2772 F14	3822 H7	
	2774 C14	3823 H7	
	2783 I11	3824 H7	
	2803 B14	3825 G7	
	2804 B14	3826 G7	
	2805 G13	3827 H7	
	2806 B13	5705 H12	
D	2807 B13	5721 A12	
	2808 B12	5722 B14	
	2809 E6	5723 A12	
	2810 B4	5724 F13	
	2811 E5	5725 B14	
	2812 F5	5726 F5	
	2813 B3	5727 E5	
	2814 I12	5728 D14	
	2815 J7	5738 G12	
	2816 J10	5739 J7	
E	2817 C1	5740 J9	
	2818 J12	5741 J12	
	2820 E2	5742 F13	
	2821 E3	5743 C14	
	2822 E3	5745 G14	
	2825 D4	7720 A13	
	2826 F5	7722 C3	
	2827 I6	7723 H3	
	2828 I9	7724 D10	
	2829 F3	7725 B6	
F	2830 I10	7726 G13	
	2832 G4	7727 E14	
	2833 H6	7728 I6	
	2835 I4	7729 I9	
	2836 J3	7730 I11	
	2839 J6	7731 J6	
	2840 J9	7732 J8	
	2841 J11	7733 J11	
	2843 H1	9718 A13	
	2845 C5	9719 A13	
G	2846 C5	9740 F6	
	2847 A12	9741-A G6	
	2848 B7	9741-B G6	
	2851 A11	9741-C G6	
	2853 F13	9741-D F6	
	2854 E13	9744 C13	
	2855 G7	9745 C13	
	2857 F12	9746 C13	
	2859 G10	9747 C13	
	2860 G11	9750 F6	
H	2861 B7	9753 E7	
	2864 D13	9754 B8	
	2865 E13	9762 B3	
	2866 G10	9763 C3	
	2867 E6	9764 G3	
	2875 H12	9765 I3	
	2876 H13	9766 H10	
	2880 H13	F711 B8	
	2884 D14	F712 B1	
	2885 J10	F713 B9	
I	2886 G7	F714 B8	
	2887 G7	F715 B8	
	2888 G7	F716 B5	
	2889 G8	F717 D5	
	2890 G9	F718 E1	
	2891 G9	F719 F1	
	2892 G7	F720 B6	
	2893 H8	F721 G5	
	2894 H9	F722 I5	
	2895 H10	F723 I1	
J	2896 H8	F724 A8	
	2897 H9	F725 A8	
	2898 H7	F726 A8	
	3711 F7	F727 B8	
	3744 A5	F728 B8	
	3745 B6	F729 J6	
	3757 B8	F731 J11	
	3771 F6	F750 A13	
	3772 G6	F751 B14	
	3785 I6	F752 B14	
K	3786 I8	F753 C14	
	3787 I11	F754 D12	
	3788 I6	F755 D14	
	3789 I9	F756 E5	
	3790 I11	F757 E14	
	3791 J7	F758 F5	
	3792 C12	F759 G13	
	3793 A6	F760 F13	
	3794 A9	F761 H11	

B 4 HOP

B 4

0014 H10	3348 D9	9313 F13
1301 G4	3349 F2	9421 B10
1304 G3	3380 B11	C001 H12
2301 C2	3351 B10	c200 F3
2303 E9	3352 A10	
2304 G7	3353 A11	
2306 H9	3354 A12	
2307 F3	3355 B8	
2308 G9	3358 A12	
2309 D3	3359 B10	
2310 E3	3360 A8	
2311 H5	3361 G7	
2312 F9	3362 F11	
2313 F9	3363 F3	
2314 E2	3364 F10	
2315 E2	3365 F13	
2317 F3	3366 G11	
2318 F3	3367 F11	
2319 F11	3368 E13	
2320 G3	3369 F12	
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2323 B4	3388 C11	
2324 I6	3390 D9	
2325 G5	3391 F12	
2326 E11	3394 E9	
2328 B7	3395 C3	
2329 B6	3396 D2	
2330 A6	3397 D2	
2331 B6	3398 D2	
2332 E2	3399 B13	
2333 D10	3442 E12	
2334 E8	3443 E13	
2336 E8	3453 C2	
2340 I11	3454 B1	
2342 A8	3455 C1	
2343 A10	3459 B12	
2344 H3	3465 B10	
2345 H2	3467 A9	
2346 H2	3470 B8	
2347 H2	3471 A8	
2348 H1	3472 I6	
2349 H1	5301 E2	
2363 F3	5302 E2	
2386 G11	5303 G1	
2392 G12	5304 H1	
2393 E13	5305 H1	
2395 D3	5306 H1	
2396 D3	5307 H1	
2397 D3	5308 H1	
2398 A3	6301 E12	
2429 B4	6303 H8	
2431 B3	6304 H9	
3302 C4	6306 I5	
3304 I11	6307 I5	
3305 C2	6308 C2	
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3307 E9	6310 D9	
3308 E9	6311 D12	
3310 E9	6312 H8	
3311 G7	6313 H8	
3312 E11	6314 H9	
3313 E11	6316 C9	
3314 G7	6317 E12	
3315 G8	6319 D9	
3316 H9	6320 H2	
3317 G9	6321 H3	
3318 F9	6322 H2	
3319 E12	6334 H5	
3320 D3	7301 B4	
3321 E3	7302 A1	
3322 D12	7303 G6	
3323 H5	7304 F2	
3324 I5	7305 B9	
3325 A10	7306 A10	
3326 H5	7310 F12	
3327 G6	7311 F1	
3328 F9	7312 F10	
3329 E2	7313 A12	
3330 A8	7314 A11	
3331 G3	7315 B12	
3332 A7	7318 E10	
3333 F3	7340 B13	
3334 H5	7361 H7	
3335 A7	7362 H6	
3336 H6	7375 B9	
3339 C3	9302 A3	
3340 C11	9303 A3	
3341 C10	9304 A4	
3342 C11	9305 A4	
3343 D12	9308 B4	
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3345 D9	9310 B4	
3346 C9	9311 I1	
3347 D9	9312 I1	

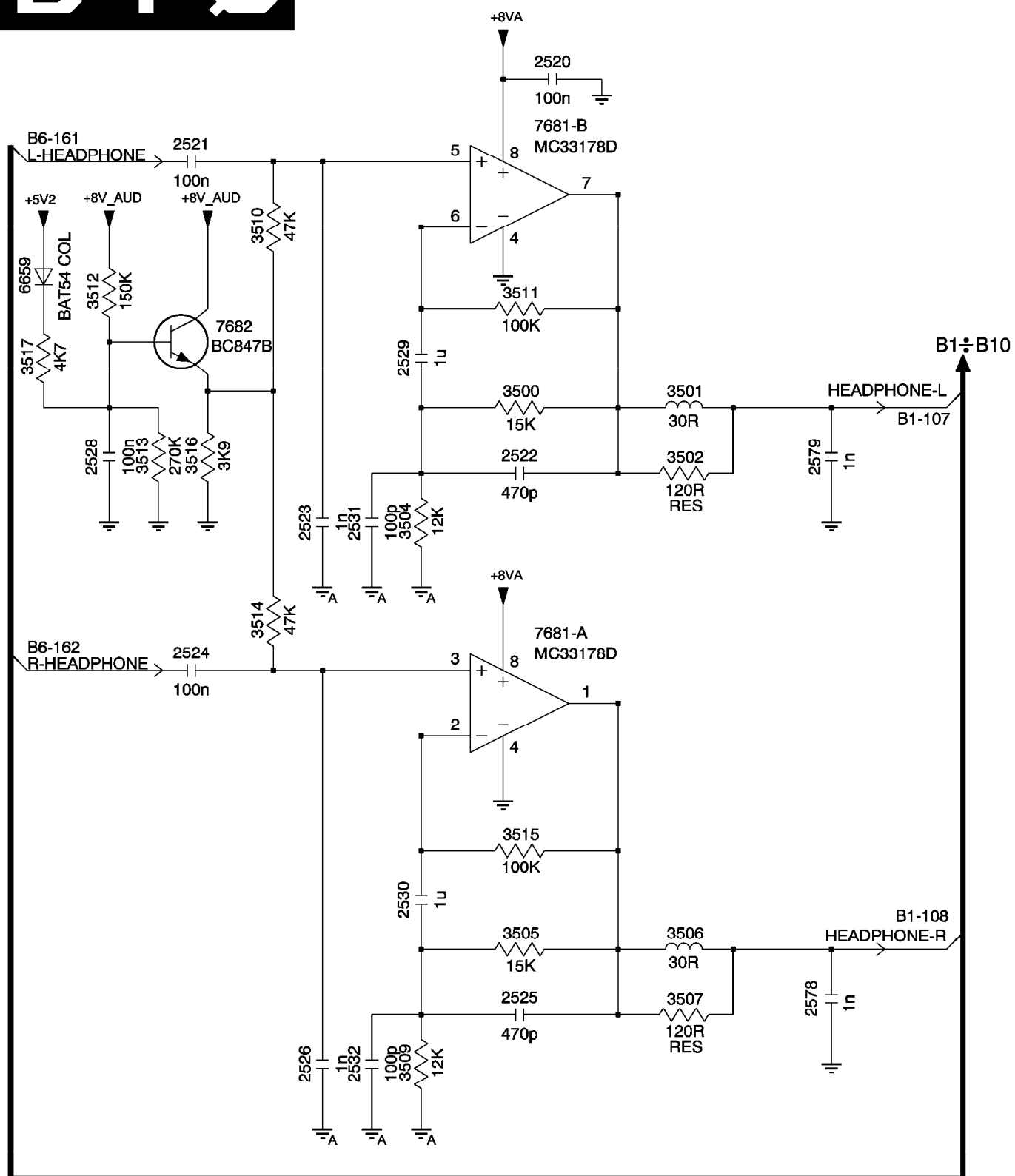


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1001 G3	3041 I1	6001 E2
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1402 I10	3044 E2	6003 E3
2001 G3	3045 J12	6004 D2
2002 G3	3046-A J12	6005 A4
2003 J4	3046-B J12	7001 A6
2004 J4	3046-C J12	7002 F12
2005 J3	3046-D I13	7003 G13
2006 J3	3047 C2	7004 G13
2007 J3	3048-A B7	7005 E13
2008 H3	3048-B D7	7006 A10
2009 I8	3048-C A7	7007 F10
2010 I8	3048-D D7	7008 E1
2011 I9	3049-A B7	7009 D3
2012 I9	3049-B C7	7010 C3
2013 F12	3049-C B7	7011 G2
2014 I1	3049-D C7	7012 A12
2016 F13	3050-A B7	7013 H13
2017 G12	3050-B C7	7014 G13
2019 F10	3050-C B7	7015 I2
2020 D1	3050-D C7	7016 J2
2022 E2	3051-A B7	9001 H2
2023 A4	3051-B C7	9002 I1
2024 A5	3051-C B7	9003 F1
2025 A5	3051-D C7	9004 G1
2026 A5	3052-A D7	9005 A4
2027 A6	3052-B D7	9006 A3
2028 A6	3052-C D7	9007 F12
2029 A6	3052-D C7	9008 J10
2031 A9	3053 D7	9009 J12
2033 H8	3054-A G7	9010 I12
2034 H8	3054-B E7	9011 I12
2035 H8	3054-C F7	9012 I12
2036 H9	3054-D F7	9013 J12
2037 H9	3055-A G7	9014 C1
2038 E9	3055-B E7	9015 D1
2039 H12	3055-C F7	9016 C2
2040 A12	3055-D F7	F001 D9
2052 J12	3056-A G7	
2053 J11	3056-B E7	
2054 J13	3056-C F7	
2055 J13	3056-D F7	
2056 I13	3057-A G7	
2057 I13	3057-B E7	
2058 C2	3057-C E7	
2059 C2	3057-D F7	
2060 A4	3058 C1	
2061 A3	3059 C1	
3001 F3	3061 E9	
3002 F4	3062 A10	
3003 J3	3064-A F3	
3004 F12	3064-B E4	
3005 H1	3064-C E3	
3006 J5	3064-D E4	
3007-A J5	3065 G13	
3007-B J6	3066 G13	
3007-C J6	3067 H12	
3007-D J6	3068 A2	
3008-A I6	3069 E3	
3008-B I7	3073-A C4	
3008-C I7	3073-B C4	
3008-D I7	3073-C B4	
3009 J7	3073-D B4	
3010 I7	3074-A F2	
3011 I7	3074-B F3	
3012-A I7	3074-C F3	
3012-B I8	3074-D A3	
3012-C I7	3075 C1	
3012-D I8	3076-A D3	
3013 F13	3076-B D3	
3014 F12	3076-C D3	
3015 G12	3076-D D4	
3016 G12	3077 D3	
3017 F13	3078-B C4	
3018 A2	3078-C A3	
3019 A2	3078-D B3	
3020 A2	3079 E3	
3021 B2	3080 A1	
3024 D2	3081 A4	
3025 E1	3088 E3	
3026 E3	3090-A C3	
3027 E2	3090-B C4	
3029 D9	3090-C C3	
3031 D9	3090-D C4	
3033 C3	3091 C2	
3034-A H6	3093 E12	
3034-B H7	3094 H1	
3034-C G7	3095 I1	
3034-D G6	3096 J1	
3035-A H7	3097 A3	
3035-B H6	3098 J11	
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3035-D H6	3099-B B4	
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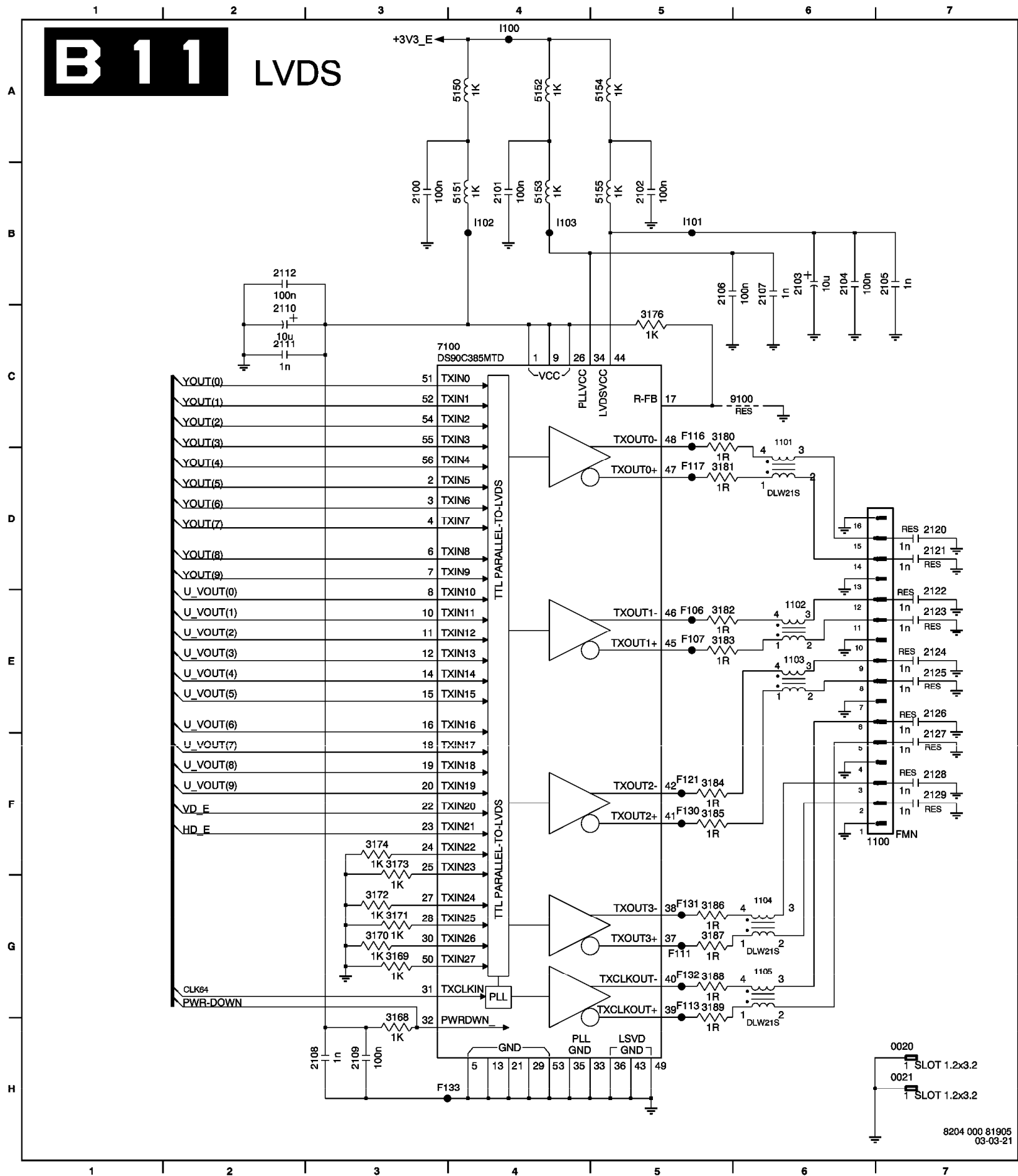
This is a detailed electronic circuit diagram for a digital audio player. The central component is a DSP (Digital Signal Processor) which handles the core audio processing. The circuit includes several input stages for various audio sources, including SCART, PIP (Picture-in-Picture), and direct audio inputs. It also features a demodulator and NICAM decoder for radio reception. The output stage includes a DAC (Digital-to-Analog Converter) and a headphone amplifier. The diagram is densely packed with components, including resistors, capacitors, and integrated circuits, with a large number of component values and pin connections specified. A legend at the bottom left indicates that components with an asterisk (*) have diversity. The diagram is labeled with various component values and pin connections, and includes a large number of component values and pin connections.

0011 B1	3527 B10	5672 J9
0017 I1	3528 C14	6650 A3
1681 H8	3530 E14	6681 E3
1682 B8	3531 C1	6682 C8
1683 H2	3532 B7	6685 B6
1684 C7	3533 B5	6694 A7
2501 E4	3540 A6	6697 A10
2502 H2	3544 B11	6698 A10
2503 I2	3545 A12	7681 D4
2504 H2	3546 D11	7682 B11
2506 H2	3547 B13	7683 D13
2506 E2	3550 D2	7684 B11
2507 E2	3551 D2	7685 A14
2508 C8	3552 H4	7686 A14
2509 B8	3553 B13	7688 B11
2510 D13	3554 I5	7689 A14
2511 E13	3555 J5	7693 A14
2512 B9	3566 B14	7694 B11
2513 B10	3567 C13	7695 A14
2514 B8	3568 D14	7696 A14
2515 B10	3569 B11	7697 B11
2516 C8	3590 E1	7698 B11
2548 G13	3591 E13	7699 A14
2549 H13	3592 E1	7697 I5
2549 H13	3593 F13	7698 A6
2549 H13	3594 F14	7699 B10
2550 I2	3595 F13	7699 B11
2551 E2	3596 F14	7674 B6
2552 G2	3599 G14	7675 A14
2553 H2	3570 G1	7676 C14
2554 I2	3571 H1	7677 B11
2555 H2	3572 H1	7678 C14
2556 I2	3573 H13	7679 B11
2557 H8	3574 H1	7679 A14
2558 I3	3575 H13	7679 B11
2559 J7	3576 C1	7680 D13
2560 J7	3577 B2	9320 A8
2561 J8	3578 I14	9521 A8
2562 J8	3579 I14	9522 B9
2563 J8	3601 D13	9523 A7
2564 J8	3602 D12	9524 A3
2565 G1	3603 E12	9600 A3
2565 H1	3604 E12	9600 A1
2566 H1	3605 E12	9607 B6
2567 H1	3606 E12	9608 B6
2568 I1	3607 F12	9609 B6
2570 C2	3608 F12	9610 D13
2571 C14	3609 F12	9611 G11
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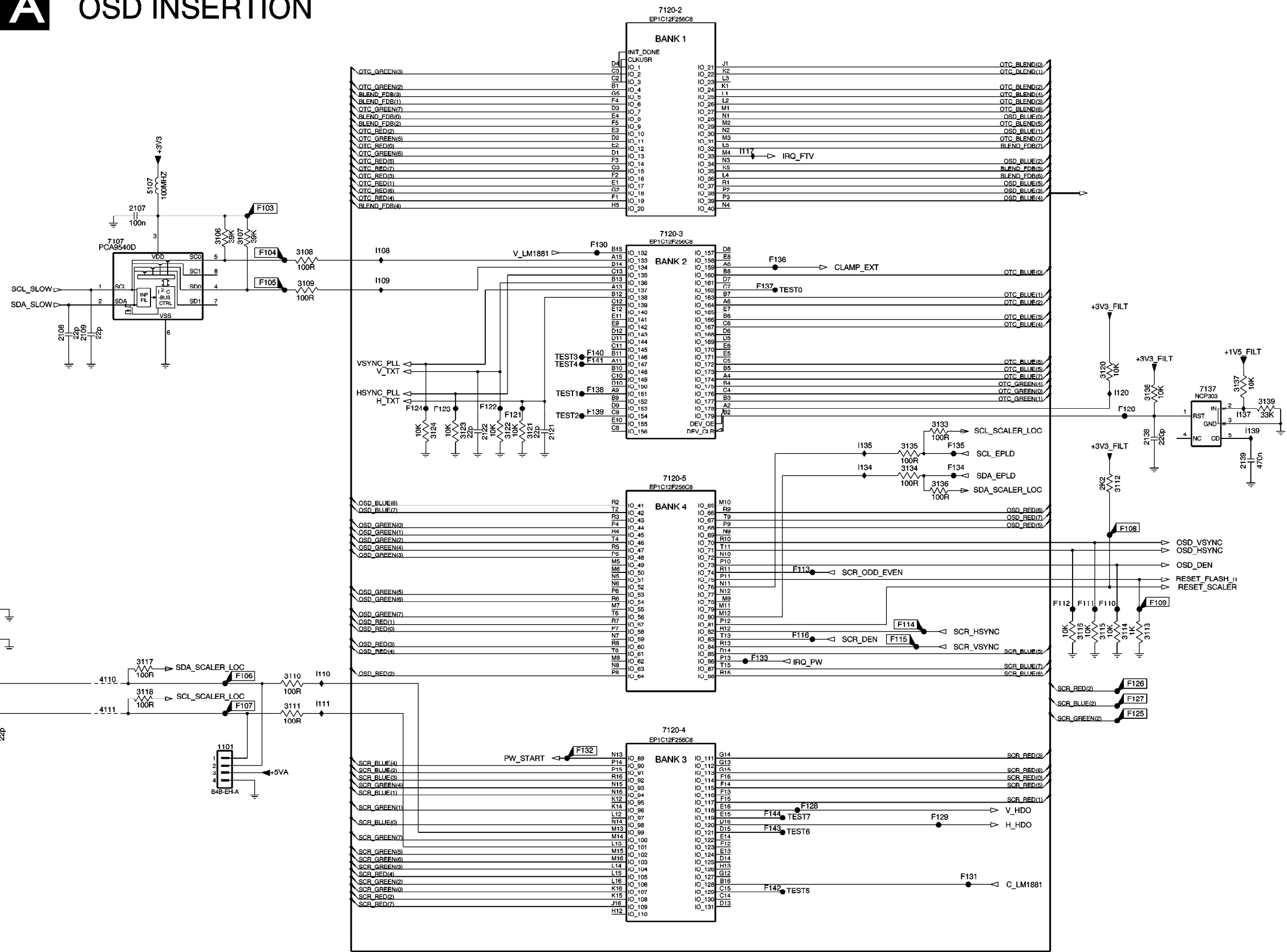
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2532 E2
2578 E4
2579 C4
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SL 1 A OSD INSERTION



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SL 1 B OSD INSERTION

A

B

C

D

E

F

G

H

I

A

B

C

D

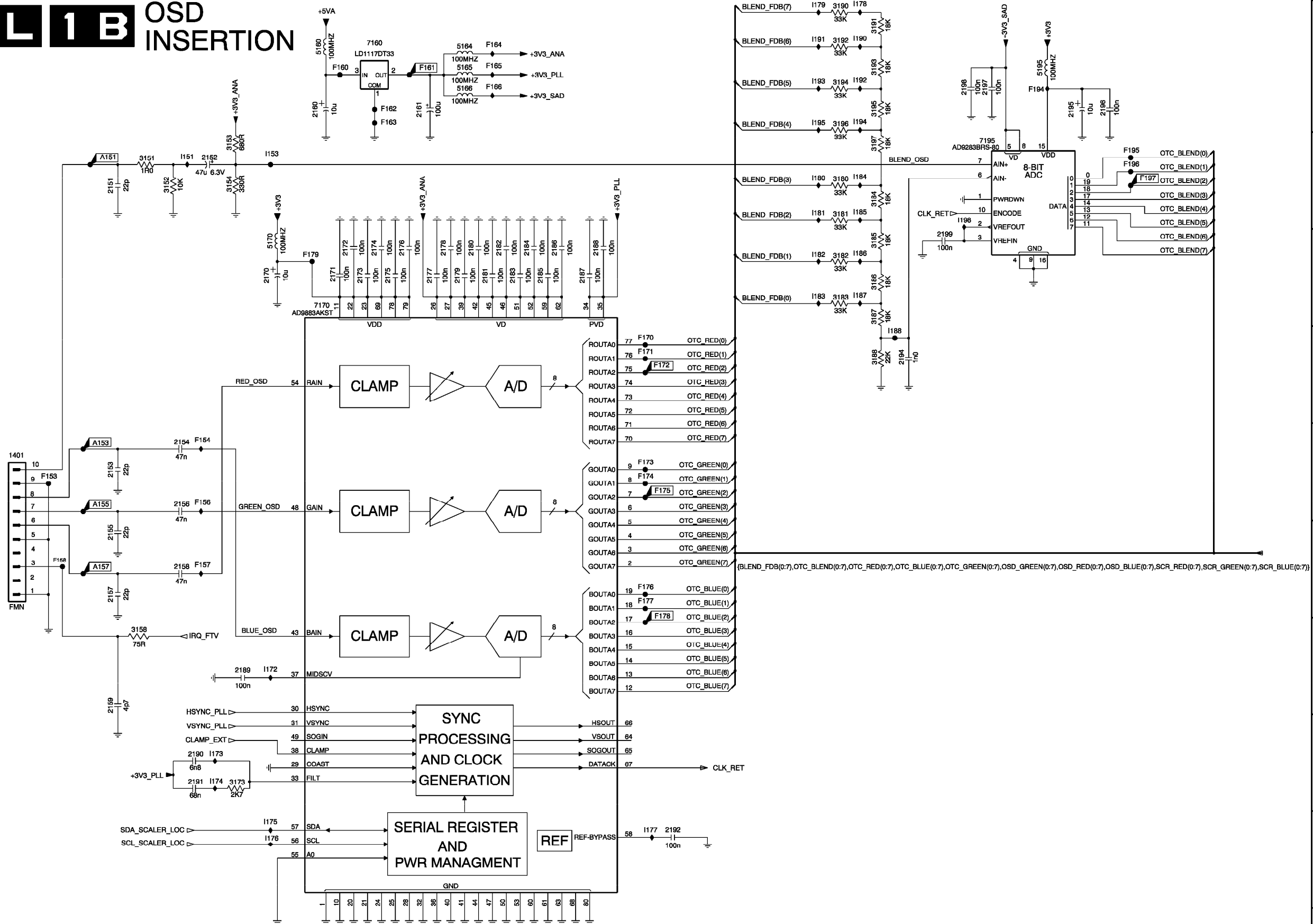
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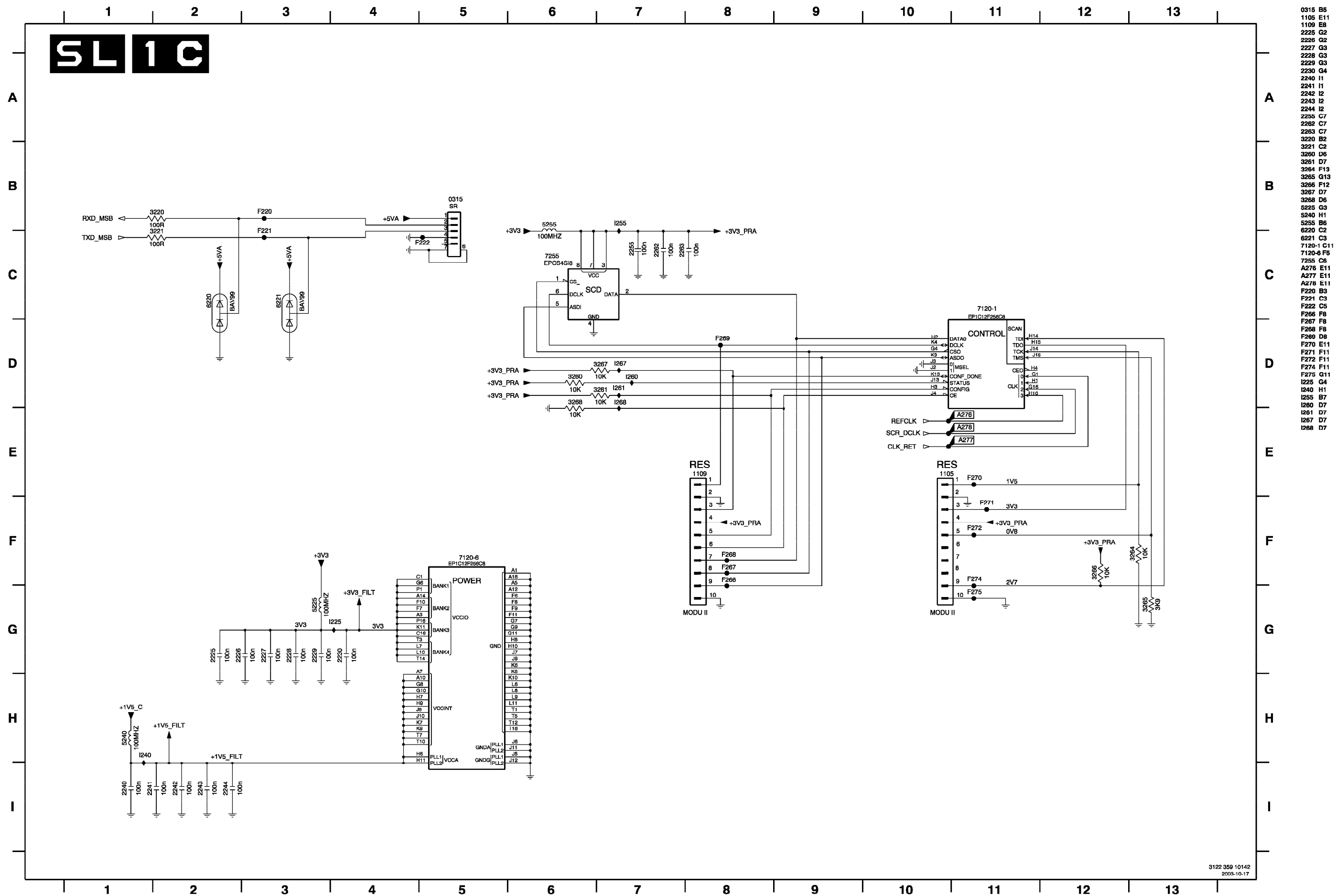
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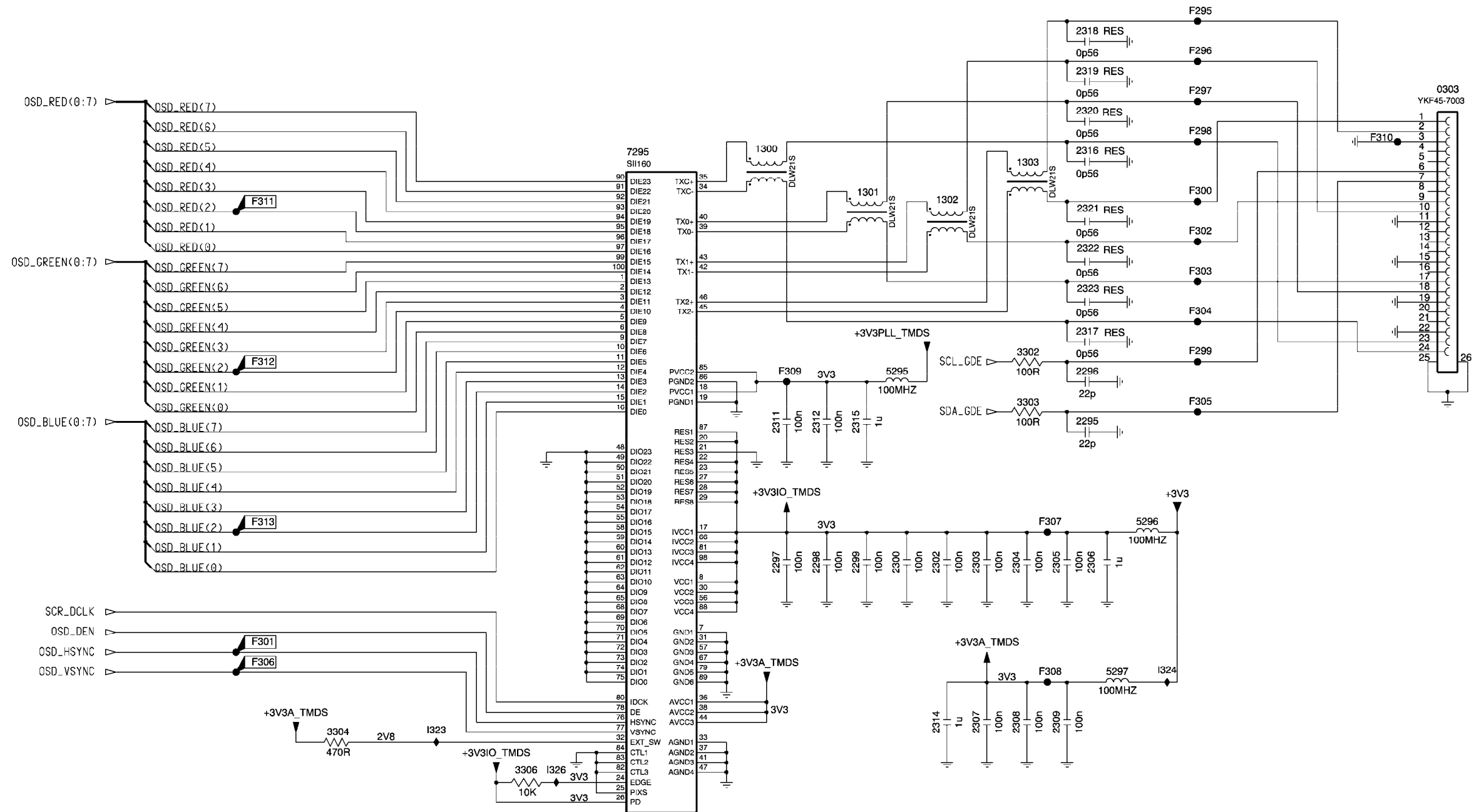


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- 2199 C11
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- 3154 B3
- 3158 G2
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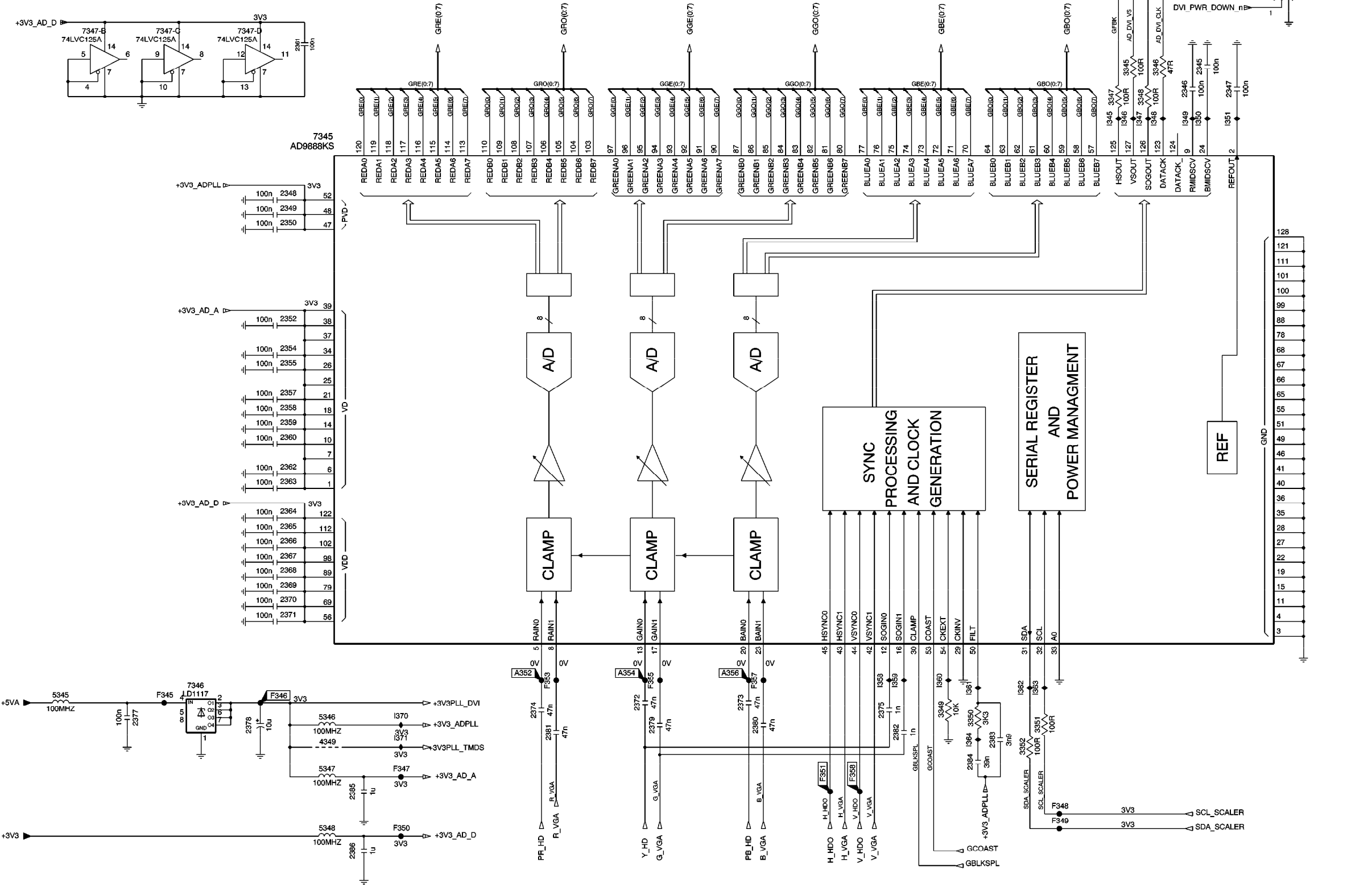
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2243 I2
2244 I2
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SL 2 TMD5 - TX



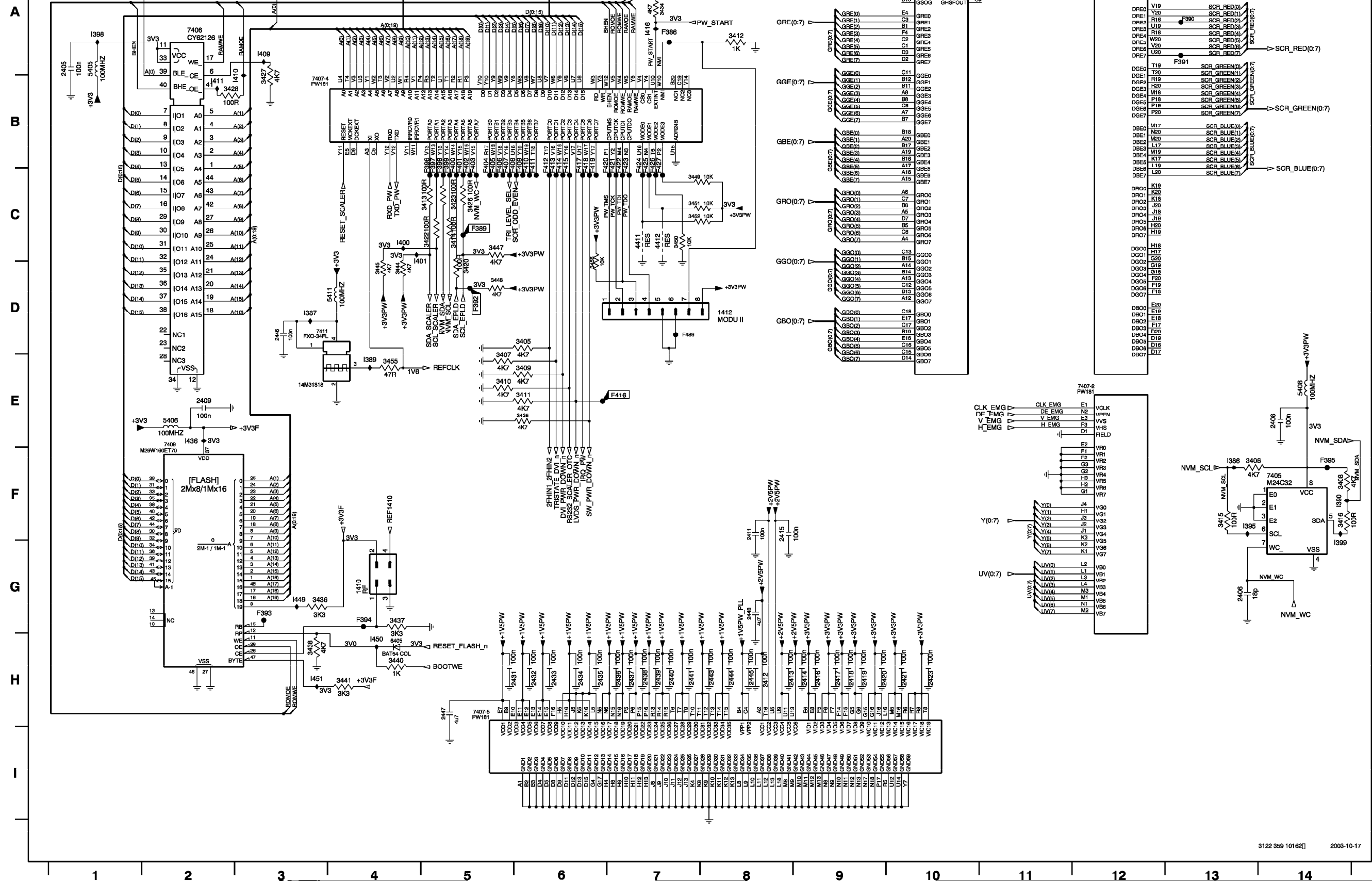
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2307 F8
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2309 F9
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2312 D7
2314 F8
2315 D7
2316 B9
2317 D9
2318 B9
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2323 C9
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SL 3A SCALER - 1



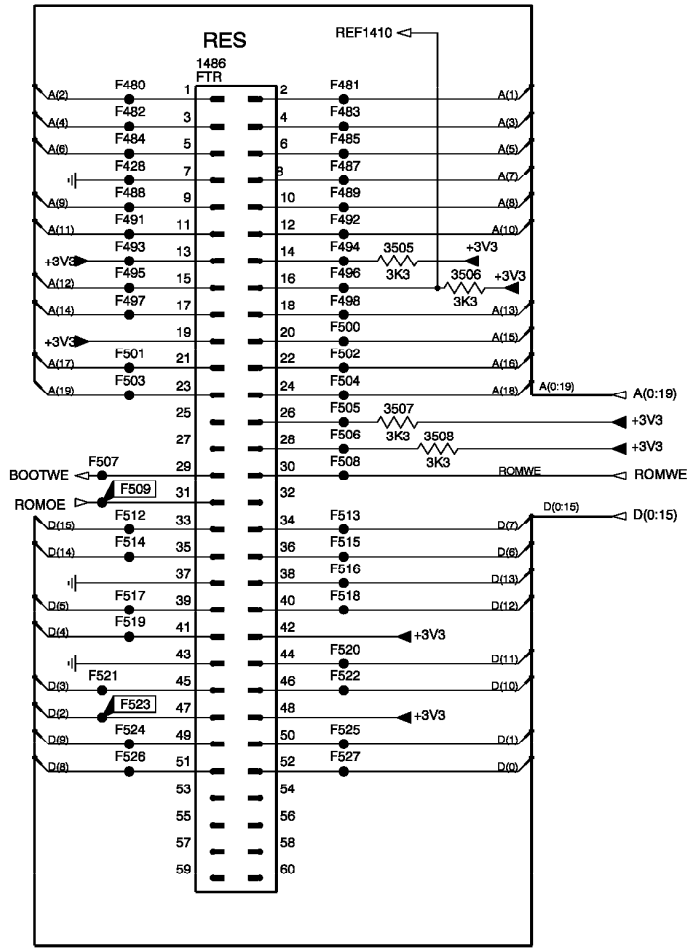
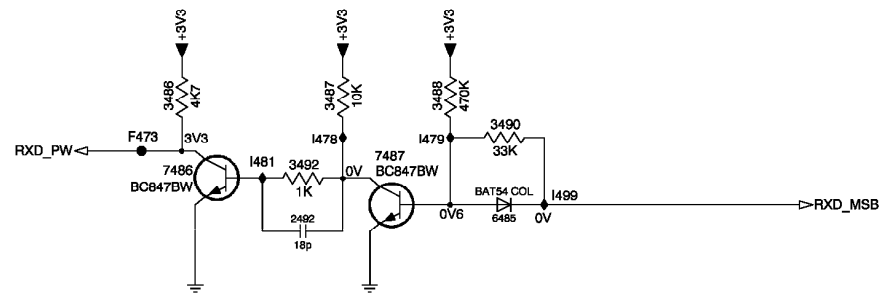
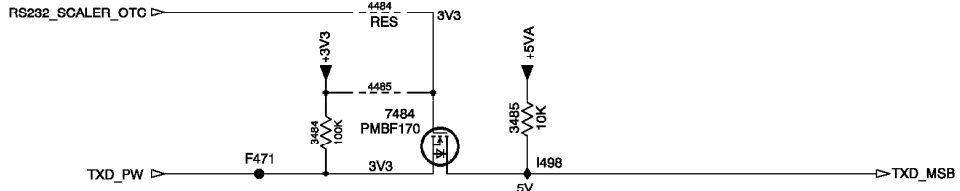
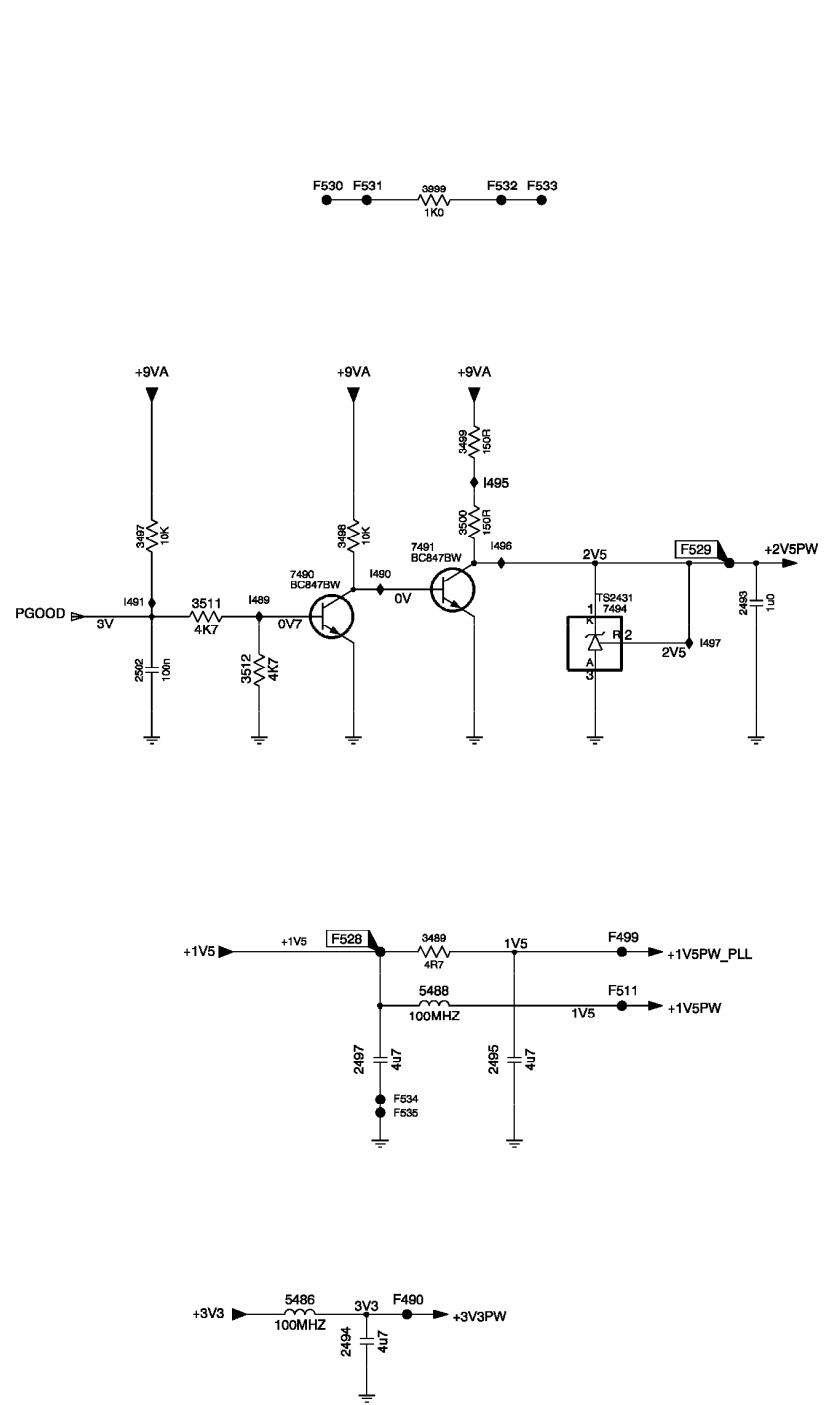
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SL 3B SCALER - 2



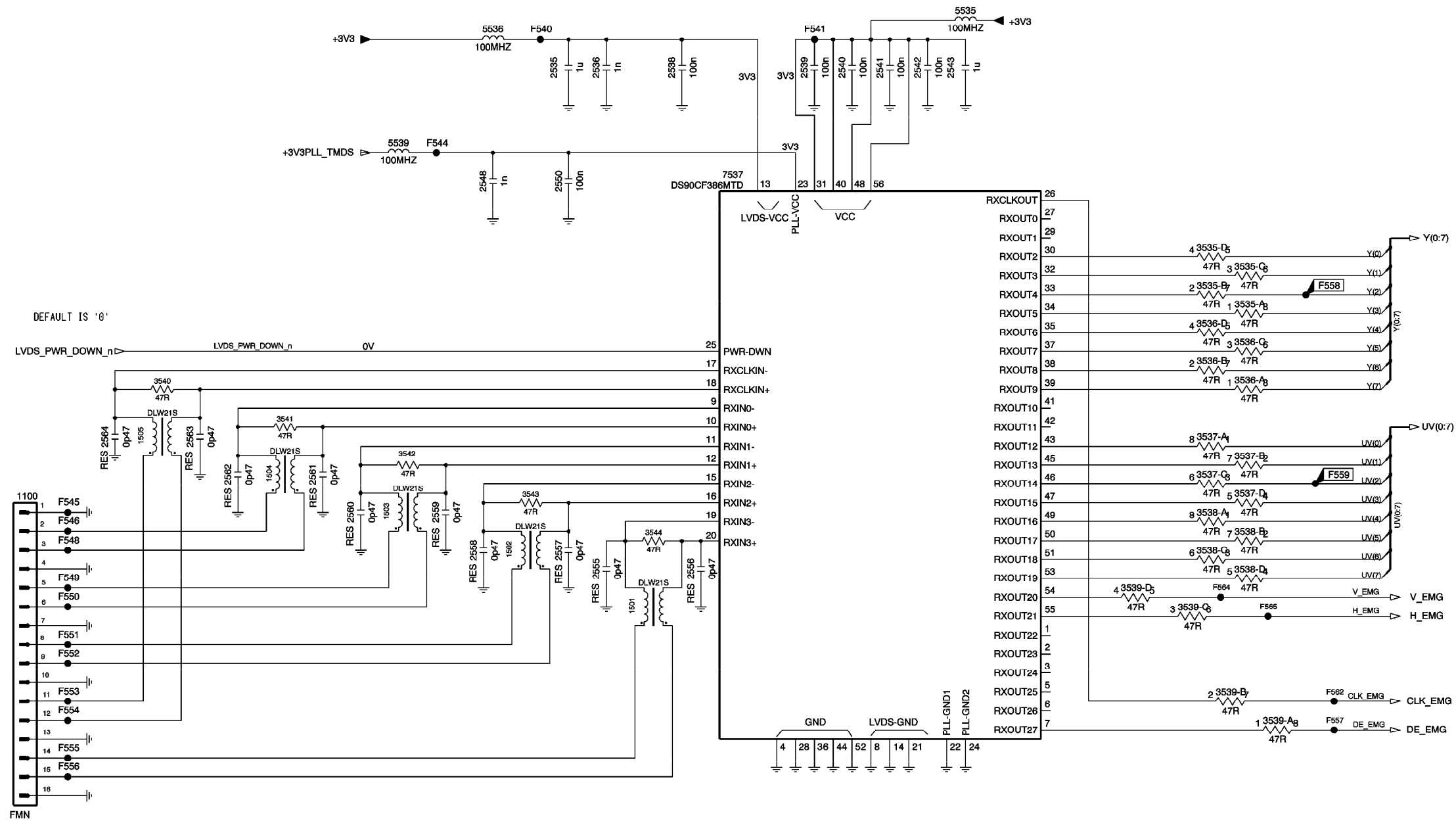
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2413 H8	F427 B7
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SL 3C SCALER - 3



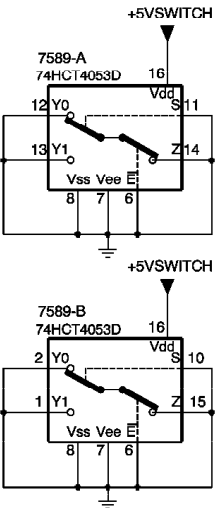
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SL 3D LVDS - RECEIVER



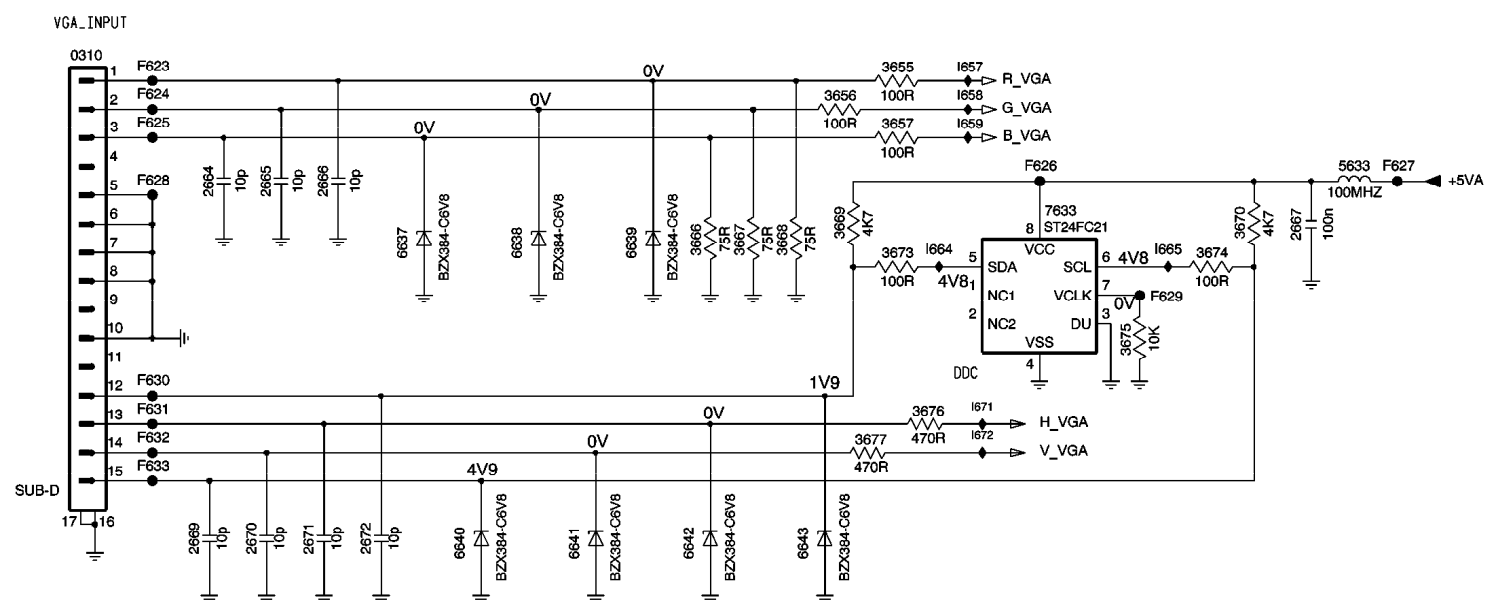
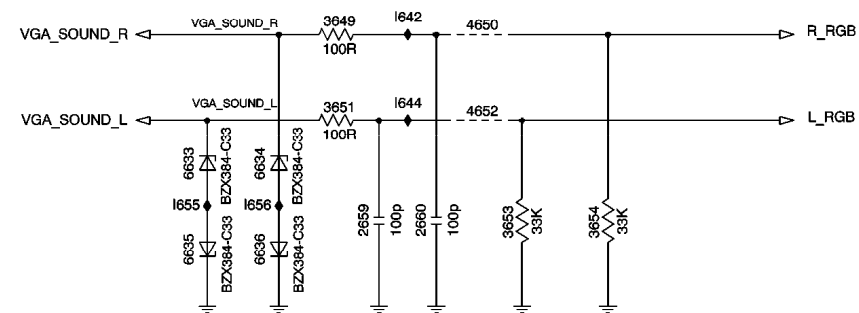
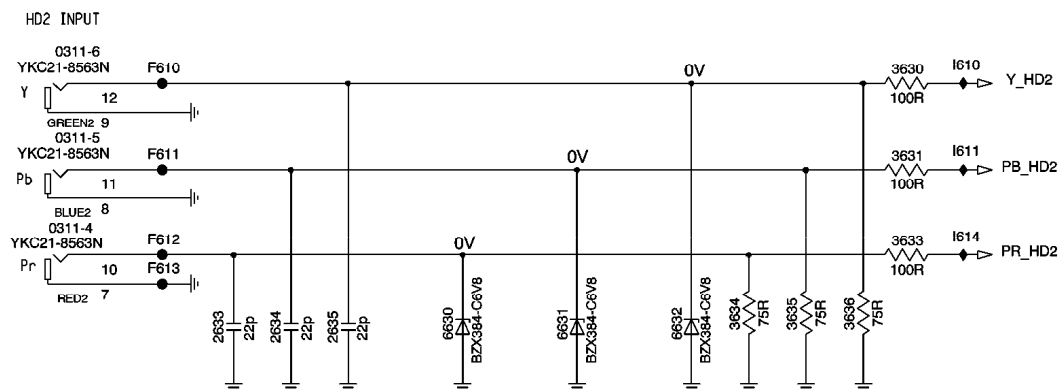
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SL 4 A



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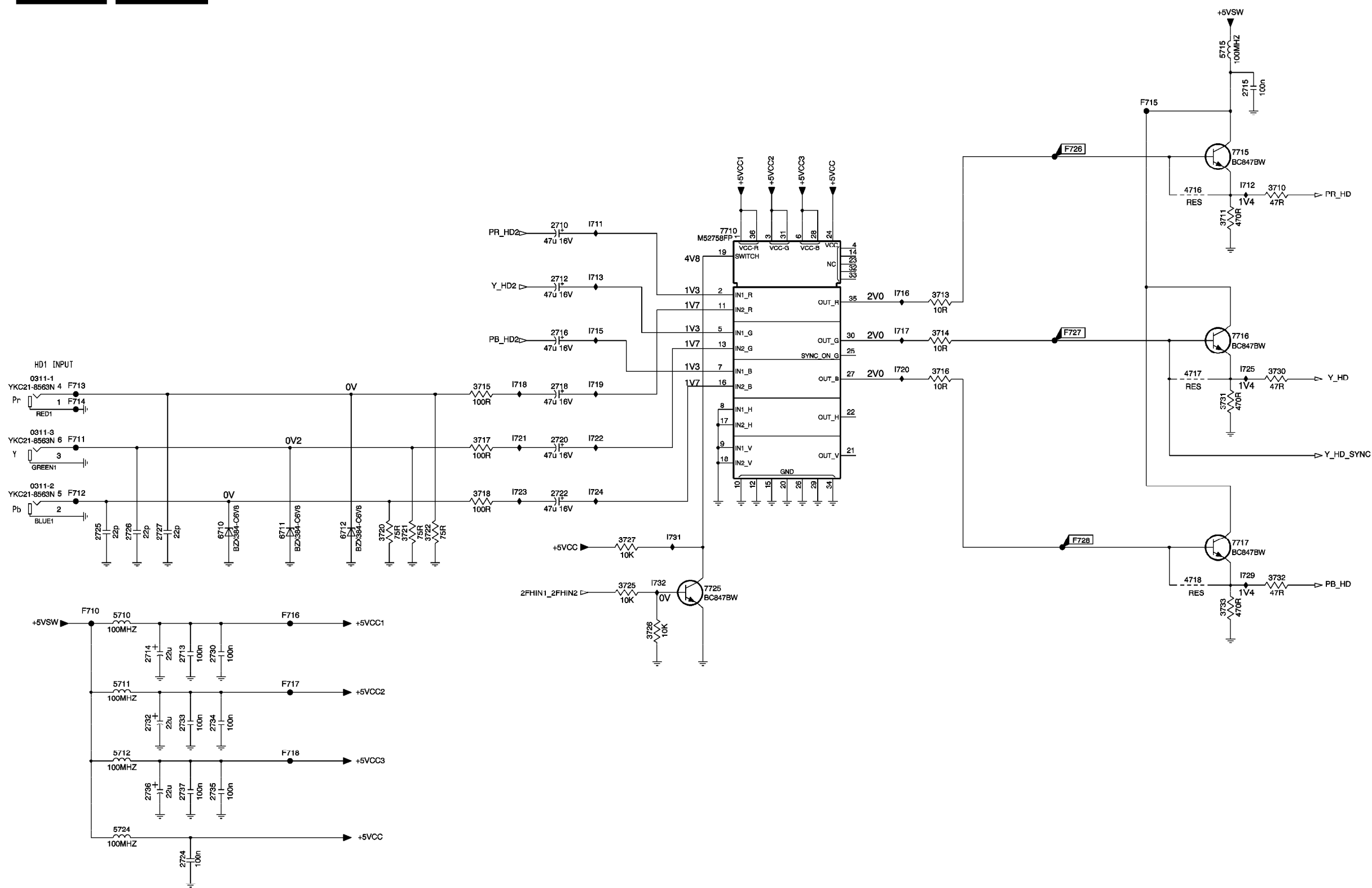
SL 4 B HD2 + VGA INPUT



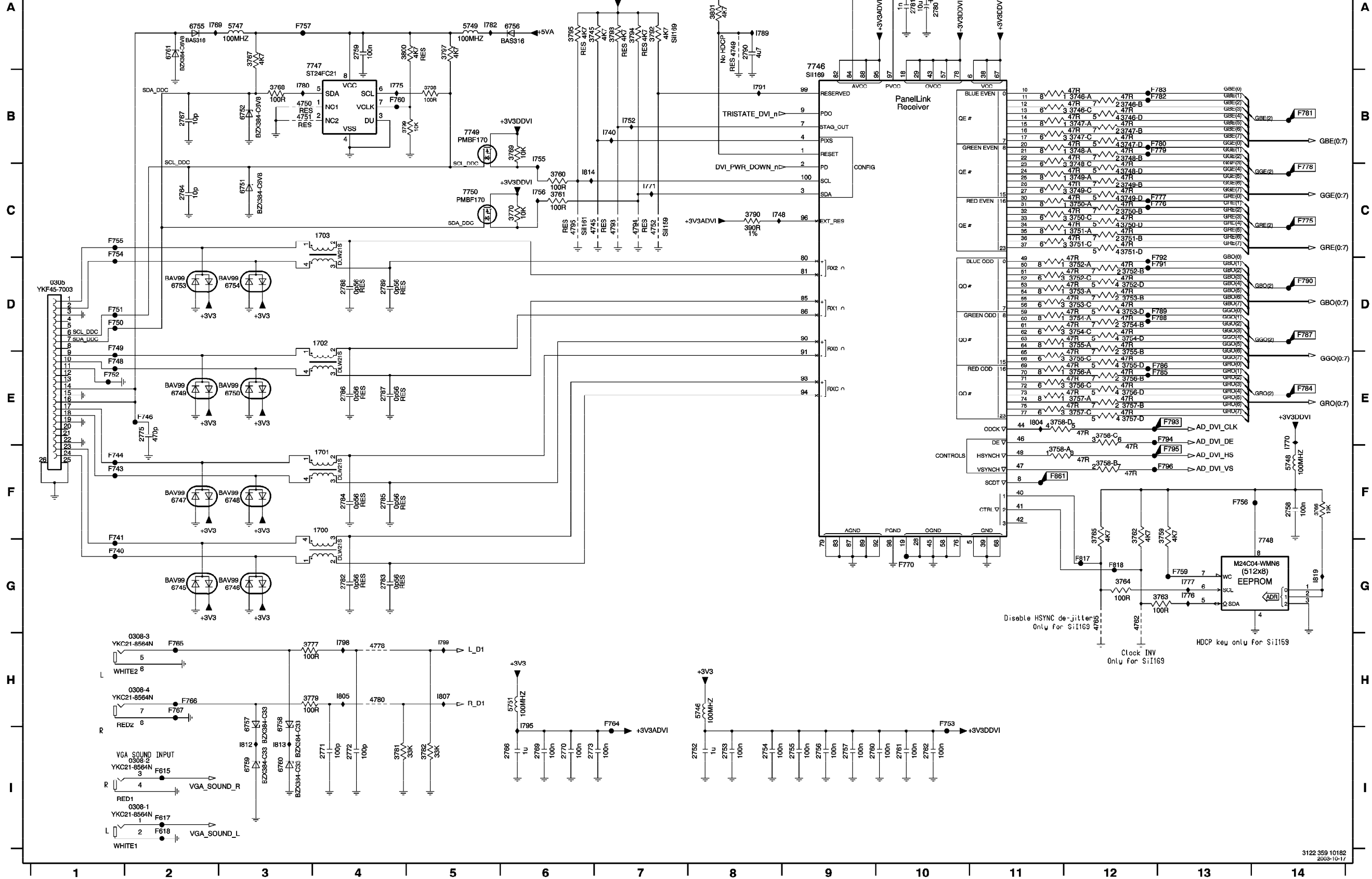
0309-A D4
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0311-A B4
0311-B A4
0311-C A4
2633 B5
2634 B5
2635 B6
2659 E6
2660 E6
2664 F5
2665 F5
2666 F5
2667 G10
2669 H5
2670 H5
2671 H5
2672 H6
3630 A8
3631 A8
3633 B8
3634 B8
3635 B8
3636 B8
3649 D6
3650 D7
3651 D6
3652 D7
3653 E7
3654 E7
3655 F8
3656 F8
3657 F8
3666 G7
3667 G7
3668 G8
3669 G8
3670 G10
3673 G8
3674 G10
3675 G9
3676 H8
3677 H8
5633 F10
6630 B6
6631 B7
6632 B7
6633 E5
6634 E5
6635 E5
6636 E5
6637 G6
6638 G6
6639 G7
6640 H6
6641 H7
6642 H7
6643 H8
7633 G9
F610 A5
F611 A5
F612 B5
F613 B5
F615 D5
F617 D5
F618 E5
F623 F4
F624 F4
F625 F4
F626 F9
F627 F11
F628 F4
F629 G10
F630 G4
F631 H4
F632 H4
F633 H4
I610 A9
I611 A9
I614 B9
I642 D6
I644 D6
I655 E5
I656 E5
I657 F9
I658 F9
I659 F9
I664 G8
I665 G9
I671 H9
I672 H9

SL4C

HD1 - 2 SELECTOR

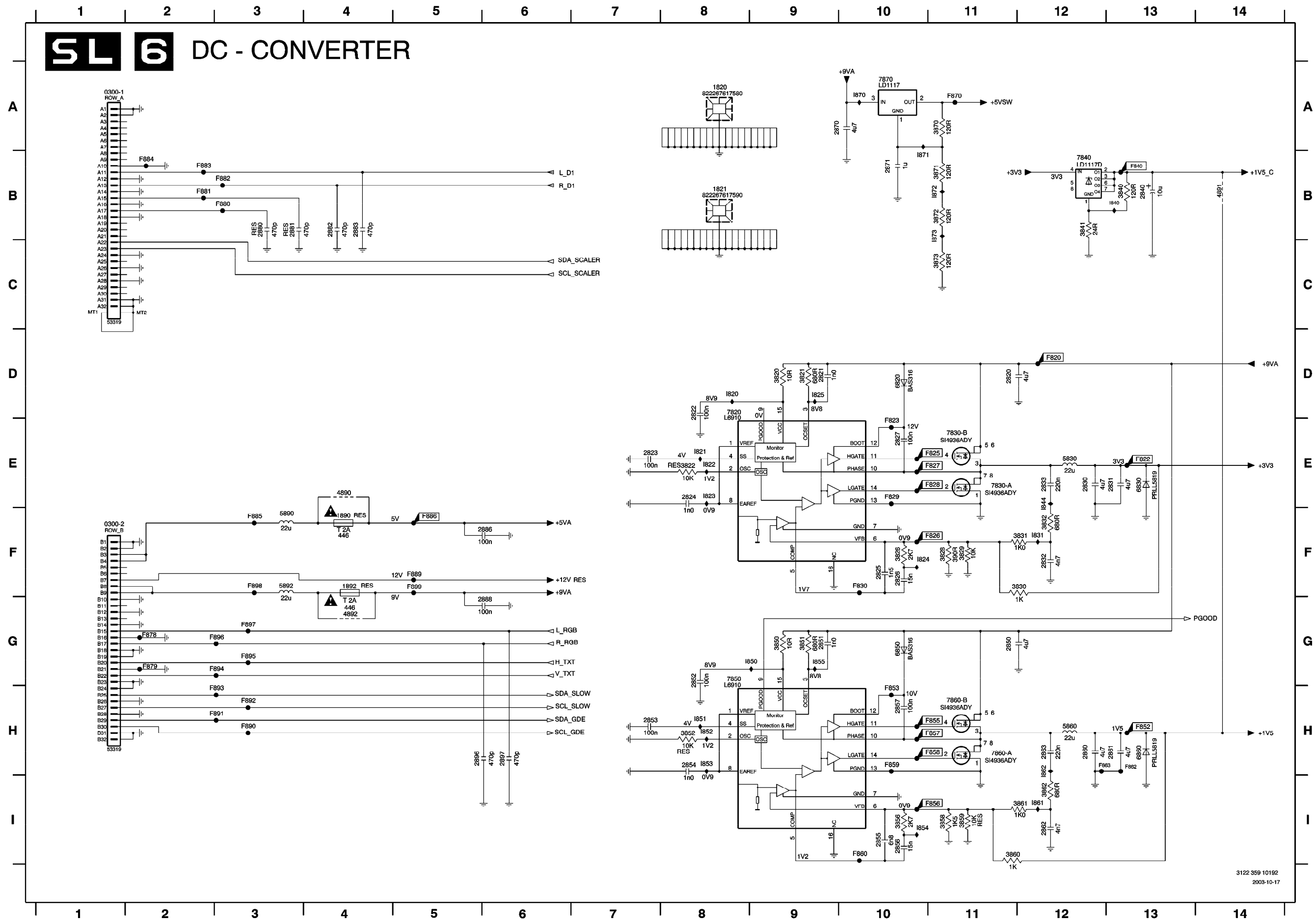


SL 5 DVI RECEIVER



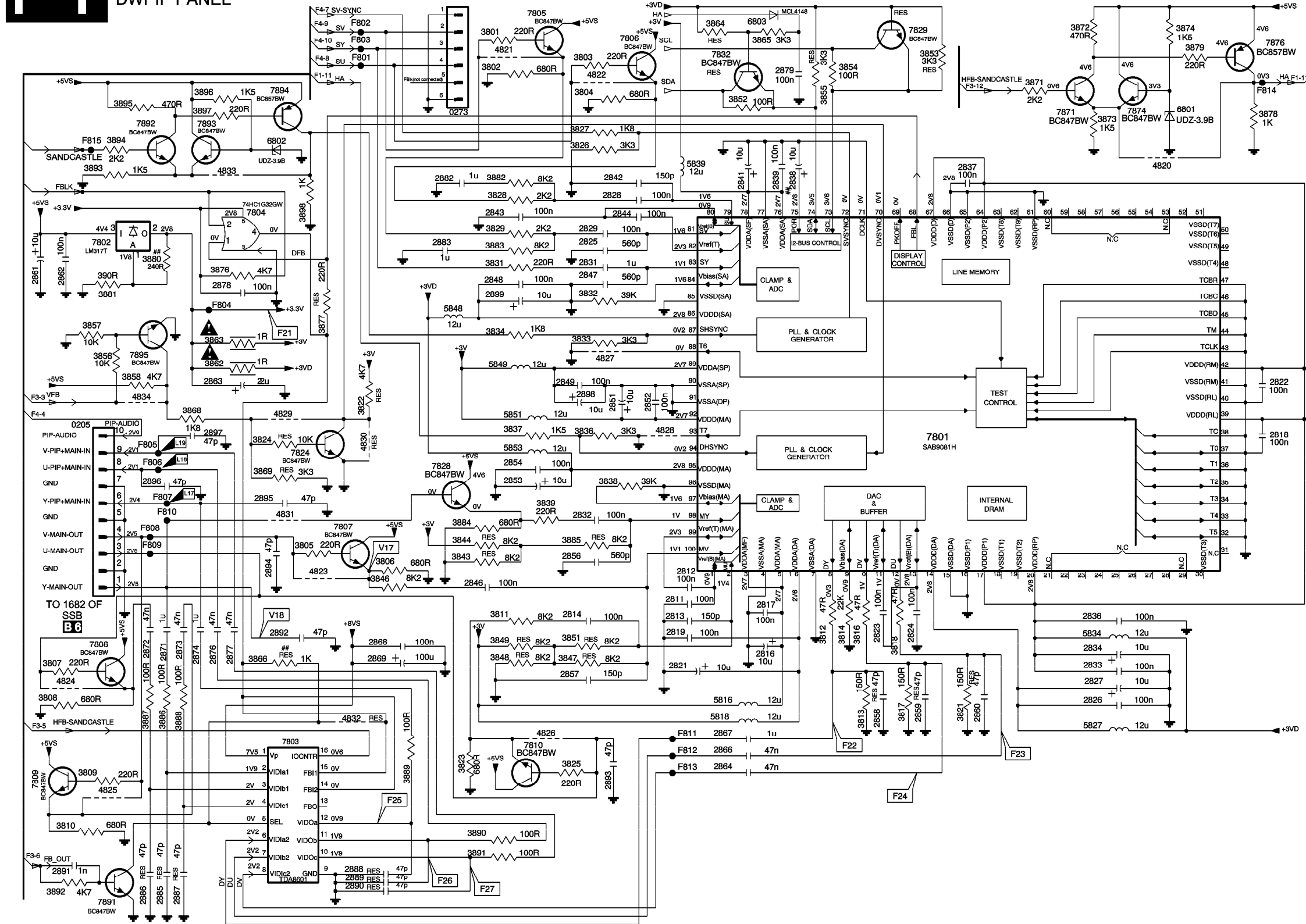
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0308-1 I2	3801 A8
0308-2 I2	4745 C6
0308-3 H2	4747 A9
0308-4 H2	4748 A9
1700 G3	4749 A8
1701 F3	4750 B3
1702 E3	4751 B3
1703 C3	4752 C7
2752 I8	4762 G12
2753 I8	4765 G12
2754 I8	4778 H4
2755 I9	4780 H4
2756 I9	4793 C7
2757 I9	4794 C7
2758 F14	4795 C6
2759 A4	4746 H8
2760 I9	4747 A3
2761 I10	4748 F14
2762 I10	4749 A5
2764 C2	4751 H6
2766 I6	4780 A10
2767 B2	4745 G2
2769 I6	4746 G3
2770 I6	4747 F2
2771 I4	4748 F3
2772 I4	4749 E2
2773 I6	4750 E3
2775 E2	4751 C3
2780 A10	4752 B3
2781 A10	4753 D2
2782 G4	4754 D3
2783 G4	4755 A2
2784 F4	4756 A6
2785 F4	4757 H3
2786 E4	4758 H3
2787 E4	4759 I3
2788 D4	4760 I3
2789 D4	4761 A2
2790 A8	4746 A9
3745 A6	4747 A3
3746-A B12	4748 G14
3746-B B12	4749 B5
3746-C B12	4750 C5
3746-D B12	4751 I2
3747-A B12	4752 I2
3747-B B12	4753 I2
3747-C B12	4754 G1
3747-D B12	4755 G1
3748-A B12	4756 F1
3748-B B12	4757 F1
3748-C B12	4758 E2
3748-D B12	4759 E1
3749-A C12	4760 D1
3749-B C12	4761 D1
3749-C C12	4762 E1
3749-D C12	4763 H10
3750-A C12	4764 C1
3750-B C12	4765 C1
3750-C C12	4766 F13
3751-A C12	4767 A3
3751-B C12	4768 G13
3751-C C12	4769 B4
3751-D C12	4770 H7
3752-A D12	4771 H2
3752-B D12	4772 H2
3752-C D12	4773 G10
3752-D D12	4774 C14
3753-A D12	4775 C13
3753-B D12	4776 C13
3753-C D12	4777 C13
3753-D D12	4778 C14
3754-A D12	4779 B13
3754-B D12	4780 B13
3754-C D12	4781 B14
3754-D D12	4782 B13
3755-A D12	4783 B13
3755-B D12	4784 E14
3755-C D12	4785 E13
3755-D D12	4786 E13
3756-A E12	4787 D14
3756-B E12	4788 D13
3756-C E12	4789 D13
3756-D E12	4790 D14
3757-A E12	4791 D13
3757-B E12	4792 D13
3757-C E12	4793 E13
3757-D E12	4794 E13
3758-A F11	4795 F13
3758-B F12	4796 F13
3758-C E12	4797 G12
3758-D E11	4798 G12
3759 F13	4799 F11
3760 C6	4740 B7
3761 C6	4741 C8
3762 F12	4752 B7
3763 G13	4755 B6
3764 G12	4756 C6
3765 F12	4769 A2
3766 F14	4770 E14
3767 A3	4771 C7
3768 B3	4775 B4
3769 B6	4776 G13
3770 C6	4777 G13
3771 H3	4780 B3
3772 H3	4782 A5
3781 I4	4784 A9
3782 I5	4789 A8
3790 C8	4791 B8
3792 A7	4795 H6
3793 A7	4798 H4
3794 A7	4799 H5
3795 A6	4804 E11
3797 A5	4805 H4
3798 B5	4807 H5
3799 B4	4812 I3
	4813 I3
	4814 C6
	4816 A10
	4819 G14

6



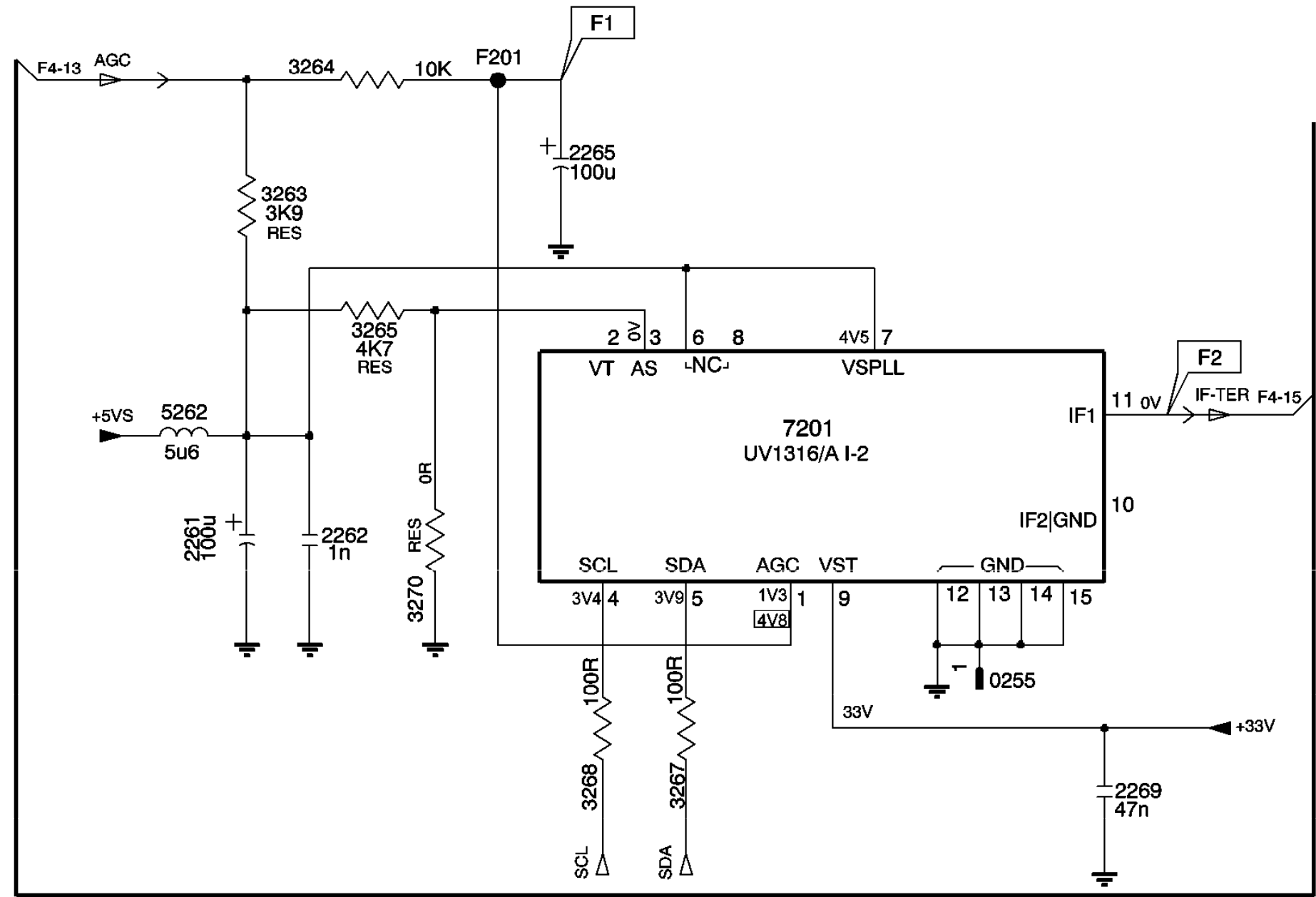
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1821 B8 F895 G3
1890 F4 F896 G3
1992 F4 F897 G3
D20 D11 F898 F3
2821 D9 F899 F5
2822 D8 1820 D8
2823 E7 1821 E8
2824 F5 1822 E8
2825 F10 1823 E8
2826 F10 1824 F10
2827 E0 1825 D9
2830 E12 1831 F12
2831 E13 1840 B13
2832 F12 1844 E12
2833 E12 1850 G9
2840 B13 1851 H8
2850 G11 1852 H8
2851 G9 1853 H8
2852 G8 1854 I10
2853 H7 1855 G9
2854 B4 1861 I12
2855 I10 1862 H12
2856 I10 1870 A10
2857 H10 1871 B10
2860 H12 1872 B11
2861 H13 1873 B11
2862 I12
2863 H12
2870 A9
2871 B10
2880 B3
2881 B3
2882 B4
2883 B4
2886 F6
2888 G6
2896 H5
2897 H6
3820 D9
3821 D9
3822 E8
3826 F10
3828 F11
3829 F11
3830 F12
3831 F12
3832 F12
3833 F12
3840 B13
3841 B12
3850 G9
3851 G9
3852 H8
3856 I10
3858 I11
3859 I11
3860 I11
3861 I11
3862 I12
3870 A11
3871 B11
3872 B11
3873 C11
4890 E4
4891 B14
4892 G4
5300 E12
5860 H12
5890 F3
5892 F3
6820 D10
6830 E13
6850 G10
6860 H13
7820 D8
7830-A E11
7830-B E11
7840 B12
7850 G8
7860-A H11
7860-B H11
7870 A10
F820 E12
F822 E13
F823 E10
F825 E11
F826 F11
F827 E11
F828 E11
F829 E10
F830 F10
F840 B13
F852 H13
F853 H10
F855 H11
F856 I11
F857 H11
F858 H11
F859 H10
F860 I10
F862 H13
F863 H12
F870 A11
F878 G2
F879 G2
F880 B3
F881 B2
F890 B3
F893 B2
F894 B2
F895 F3
F896 F5
F899 F5
F890 H3
F891 H3

F1 DWPIP PANEL



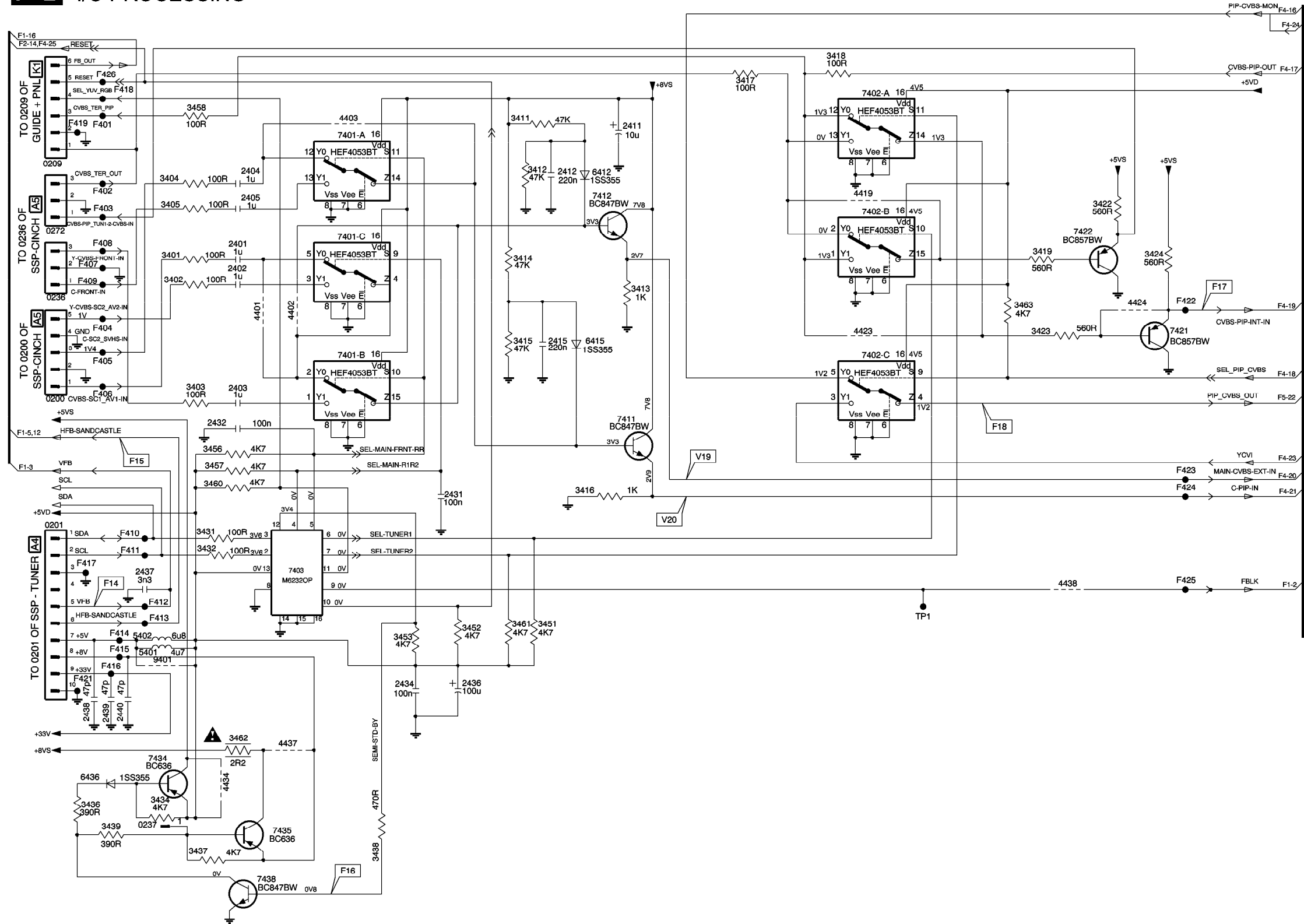
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0273 B5	3833 C6	F802 A4
2811 F7	3834 C5	F803 A4
2812 E7	3836 D6	F804 C3
2813 F7	3837 D5	F805 D2
2814 F6	3838 E6	F806 D2
2816 F8	3839 E6	F807 E2
2817 F8	3843 E5	F808 E2
2818 D12	3844 E5	F809 E2
2819 F7	3846 E4	F810 E2
2821 F7	3847 F6	F811 G7
2822 D12	3848 F5	F812 G7
2823 F8	3849 F5	F813 G7
2824 F9	3851 F6	F814 A12
2825 C6	3852 A7	F815 B2
2826 G10	3853 A9	
2827 F10	3854 A8	
2828 B6	3855 A8	
2829 C6	3856 D2	
2831 C6	3857 C2	
2832 E6	3858 D2	
2833 F10	3862 D3	
2834 F10	3863 C3	
2836 F10	3864 A7	
2837 B9	3865 A7	
2838 B8	3866 F3	
2839 B8	3868 D3	
2841 B7	3869 E3	
2842 B6	3871 A10	
2843 B5	3872 A10	
2844 B6	3873 B10	
2846 F5	3874 A11	
2847 C5	3876 C3	
2848 C6	3877 C4	
2849 D6	3878 B12	
2851 D6	3879 A11	
2852 D7	3880 C2	
2853 E5	3881 C2	
2854 D5	3882 B5	
2856 E6	3883 C5	
2857 F6	3884 E5	
2858 G8	3885 E6	
2859 G9	3886 G2	
2860 G9	3887 G2	
2861 C1	3888 G3	
2862 C2	3889 G4	
2863 D3	3890 H5	
2864 G7	3891 H5	
2866 G7	3892 H1	
2867 G7	3893 B2	
2868 F4	3894 B2	
2869 F4	3895 A2	
2871 F2	3896 A3	
2872 F2	3897 B3	
2873 F3	3898 B4	
2874 F3	4820 B11	
2876 F3	4821 A5	
2877 F3	4822 A6	
2878 C3	4823 E4	
2879 A8	4824 F2	
2882 B5	4825 G2	
2883 C5	4826 G6	
2885 H2	4827 D6	
2886 H2	4828 D7	
2887 H2	4829 D3	
2888 H4	4830 D4	
2889 H4	4831 E3	
2890 H4	4832 G4	
2891 H2	4833 B3	
2892 F3	4834 D2	
2893 G6	5816 G7	
2894 E3	5818 G7	
2895 E3	5827 G10	
2896 E2	5834 F10	
2897 D3	5839 B7	
2898 D6	5848 C5	
2899 C5	5849 D5	
3801 A5	5851 D5	
3802 A5	5853 D5	
3803 A6	6801 A11	
3804 A6	6802 B3	
3805 E4	6803 A7	
3806 E4	7801 D9	
3807 F1	7802 C2	
3808 F1	7803 G3	
3809 G2	7804 B3	
3810 H2	7805 A5	
3811 F5	7806 A6	
3812 F8	7807 E4	
3813 G8	7808 F2	
3814 F8	7809 G1	
3816 F8	7810 G5	
3817 G9	7824 D3	
3818 F9	7828 D5	
3821 G9	7829 A9	
3822 D4	7832 A7	
3823 G5	7871 B10	
3824 D3	7874 B11	
3825 G6	7876 A12	
3826 B6	7891 H2	
3827 B6	7892 B2	
3828 B5	7893 B3	
3829 C5	7894 A3	
3831 C5	7895 D2	

F2 TUNER



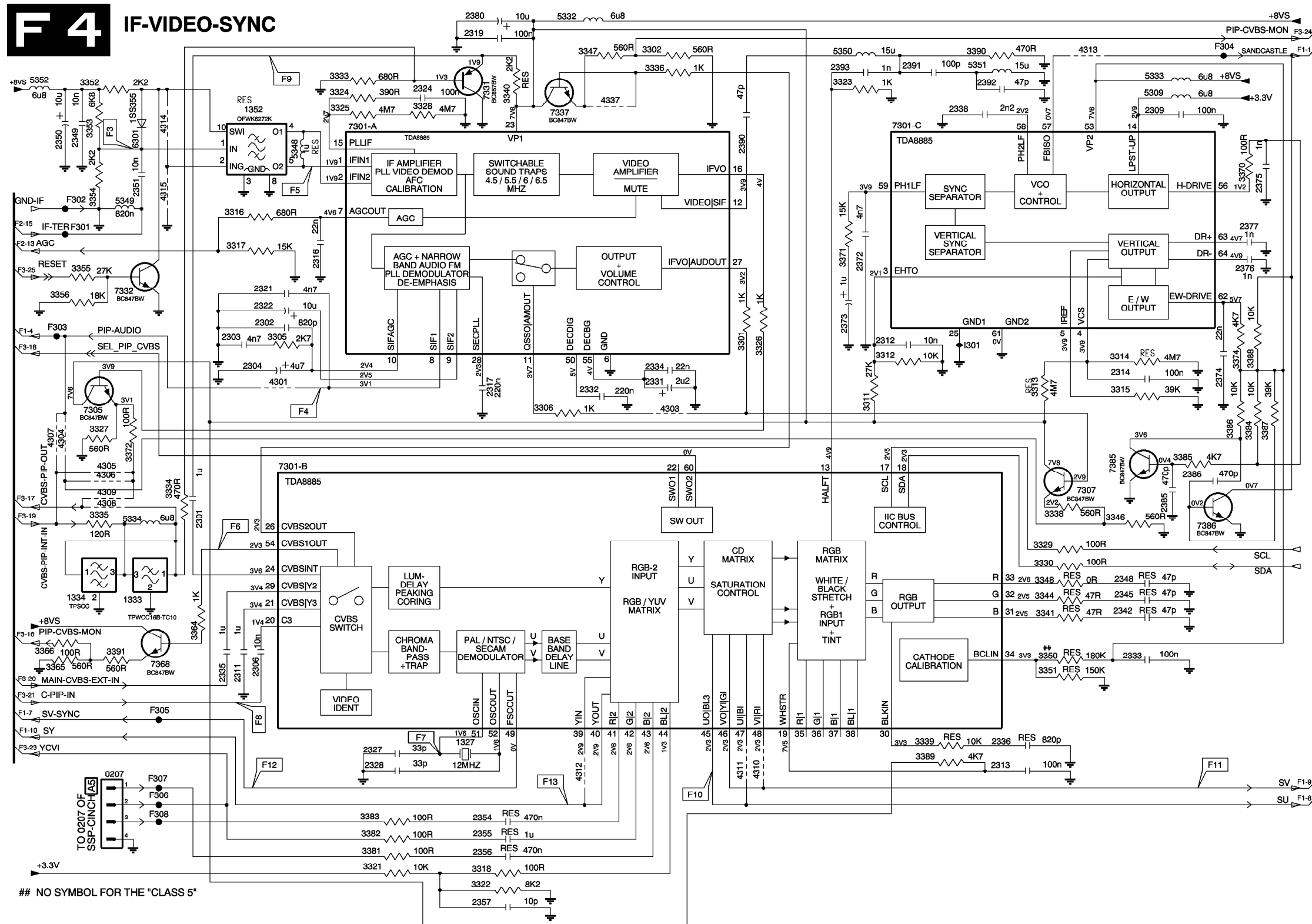
- 0255 C4
- 2261 C1
- 2262 C2
- 2265 A3
- 2269 D5
- 3263 A2
- 3264 A2
- 3265 B2
- 3267 D3
- 3268 D3
- 3270 C2
- 5262 B1
- 7201 B3
- F201 A2

F3 I/O PROCESSING



- TP1 F9
- 0200 D2
- 0201 E2
- 0209 B2
- 0236 C2
- 0237 H2
- 0272 C1
- 2401 C3
- 2402 C3
- 2403 D3
- 2404 B3
- 2405 B3
- 2411 B6
- 2412 B6
- 2415 C6
- 2431 E5
- 2432 D3
- 2434 F4
- 2436 F5
- 2437 E2
- 2438 G2
- 2439 G2
- 2440 G2
- 3401 C3
- 3402 C3
- 3403 D3
- 3404 B3
- 3405 B3
- 3411 B5
- 3412 B6
- 3413 C6
- 3414 C5
- 3415 C5
- 3416 E6
- 3417 A7
- 3418 A8
- 3419 C10
- 3422 B10
- 3423 C10
- 3424 C11
- 3431 E3
- 3432 E3
- 3434 G2
- 3436 G2
- 3437 H3
- 3438 H4
- 3439 H2
- 3451 F6
- 3452 F5
- 3453 F4
- 3456 D3
- 3457 E3
- 3458 B3
- 3460 E3
- 3461 F5
- 3462 G3
- 3463 C10
- 4401 C3
- 4402 C4
- 4403 B4
- 4419 B8
- 4423 C8
- 4424 C11
- 4434 G3
- 4437 G3
- 4438 F10
- 5401 F2
- 5402 F2
- 6412 B6
- 6415 C6
- 6436 G2
- 7401-A B4
- 7401-B D4
- 7401-C C4
- 7402-A A8
- 7402-B B8
- 7402-C D8
- 7403 E4
- 7411 D6
- 7412 B6
- 7421 C11
- 7422 C10
- 7434 G2
- 7435 H3
- 7438 H3
- 9401 F2
- F401 B2
- F402 B2
- F403 B2
- F404 C2
- F405 D2
- F406 D2
- F407 C2
- F408 C2
- F409 C2
- F410 E2
- F411 E2
- F412 F2
- F413 F2
- F414 F2
- F415 F2
- F416 F2
- F417 E2
- F418 A2
- F419 B2
- F421 F2
- F422 C11
- F423 E11
- F424 E11
- F425 F11
- F426 A2

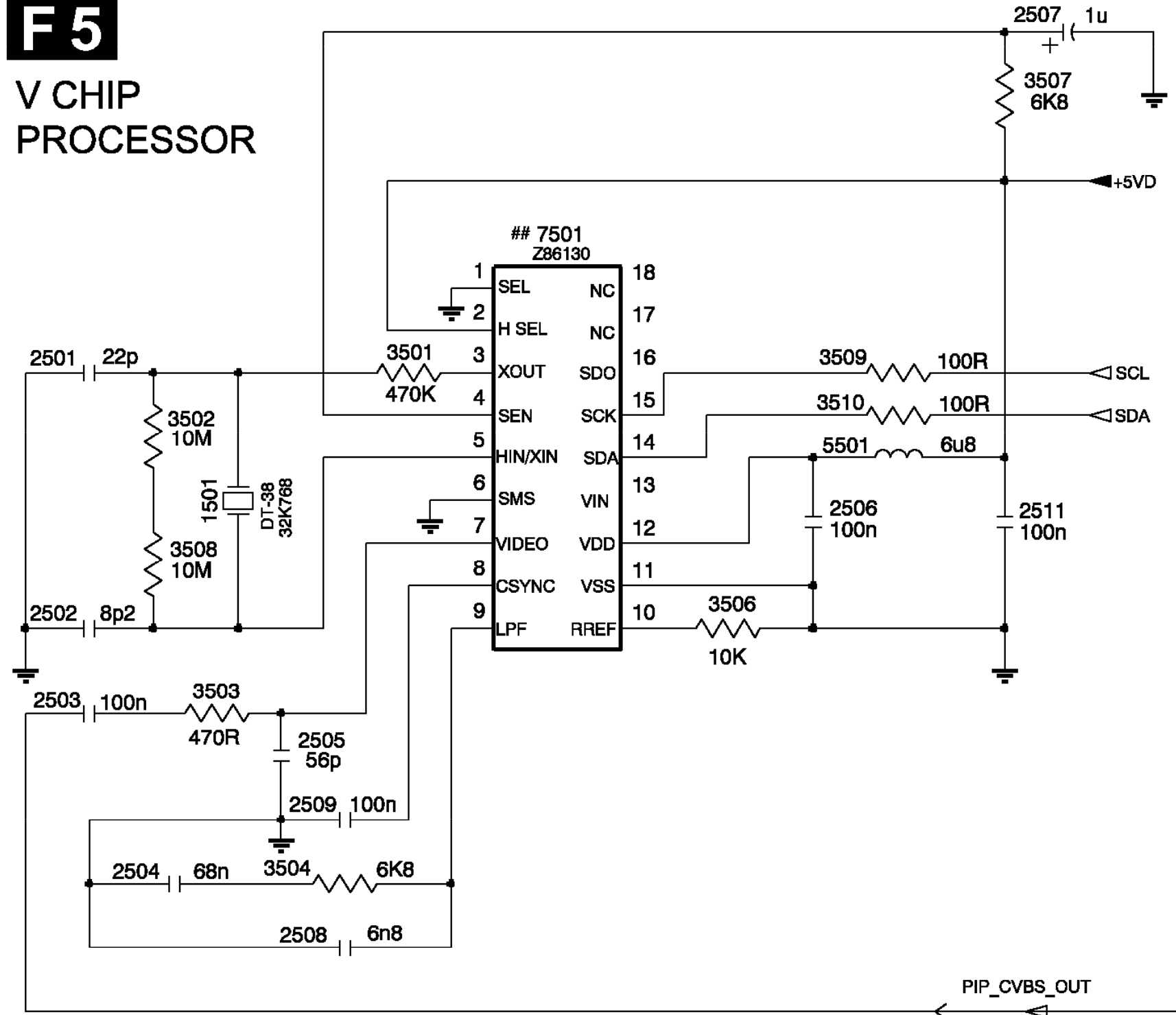
F 4 IF-VIDEO-SYNC



NO SYMBOL FOR THE "CLASS 5"

0207 G2	3384 D12
1327 G5	3385 D11
1333 F2	3386 D11
1334 F2	3387 D12
1352 B3	3388 D12
2301 E3	3389 G9
2302 G3	3390 A9
2303 C3	3391 F2
2304 D3	4301 D3
2306 F3	4303 D7
2309 B11	4304 D2
2311 F3	4305 D2
2312 C9	4306 E2
2313 G9	4307 D2
2314 D10	4308 E2
2316 C4	4309 E2
2317 D5	4310 G7
2319 A5	4311 G7
2321 C3	4312 G6
2322 C3	4313 A10
2324 A5	4314 B2
2327 G4	4315 B2
2328 G4	4337 A6
2331 D7	5309 A11
2332 D6	5332 A6
2333 F11	5333 A11
2334 D7	5334 E2
2335 F3	5348 B4
2336 G9	5349 B2
2338 A9	5350 A8
2342 F11	5351 A9
2345 F11	5352 A1
2348 E11	6301 B2
2349 B2	7301-A B
2350 B2	7301-B E
2351 B2	7301-C B
2354 G5	7305 D2
2355 H5	7307 E10
2356 H5	7331 A5
2357 H5	7332 C2
2372 C8	7337 A6
2373 C8	7368 F3
2374 D11	7385 D10
2375 B11	7386 E11
2376 C12	F301 B2
2377 B12	F302 B2
2380 A5	F303 C2
2385 E11	F304 A11
2386 E11	F305 G2
2390 B7	F306 G2
2391 A9	F307 G2
2392 A9	F308 G2
2393 A8	I301 C9
3301 C7	
3302 A7	
3305 C3	
3306 D6	
3311 D8	
3312 D9	
3313 D10	
3314 D10	
3315 D10	
3316 B3	
3317 C3	
3318 H5	
3321 H4	
3322 H5	
3323 A8	
3324 A4	
3325 A4	
3326 C7	
3327 D2	
3328 A5	
3329 E10	
3330 E10	
3333 A4	
3334 E3	
3335 E2	
3336 A7	
3338 E10	
3339 G9	
3340 A5	
3341 F10	
3344 F10	
3346 E10	
3347 A6	
3348 E10	
3350 F10	
3351 F10	
3352 A2	
3353 B2	
3354 B2	
3355 C2	
3356 C2	
3364 F3	
3365 F2	
3366 F1	
3370 B12	
3371 C8	
3372 D2	
3374 D11	
3381 H4	
3382 H4	
3383 G4	

F5 V CHIP PROCESSOR

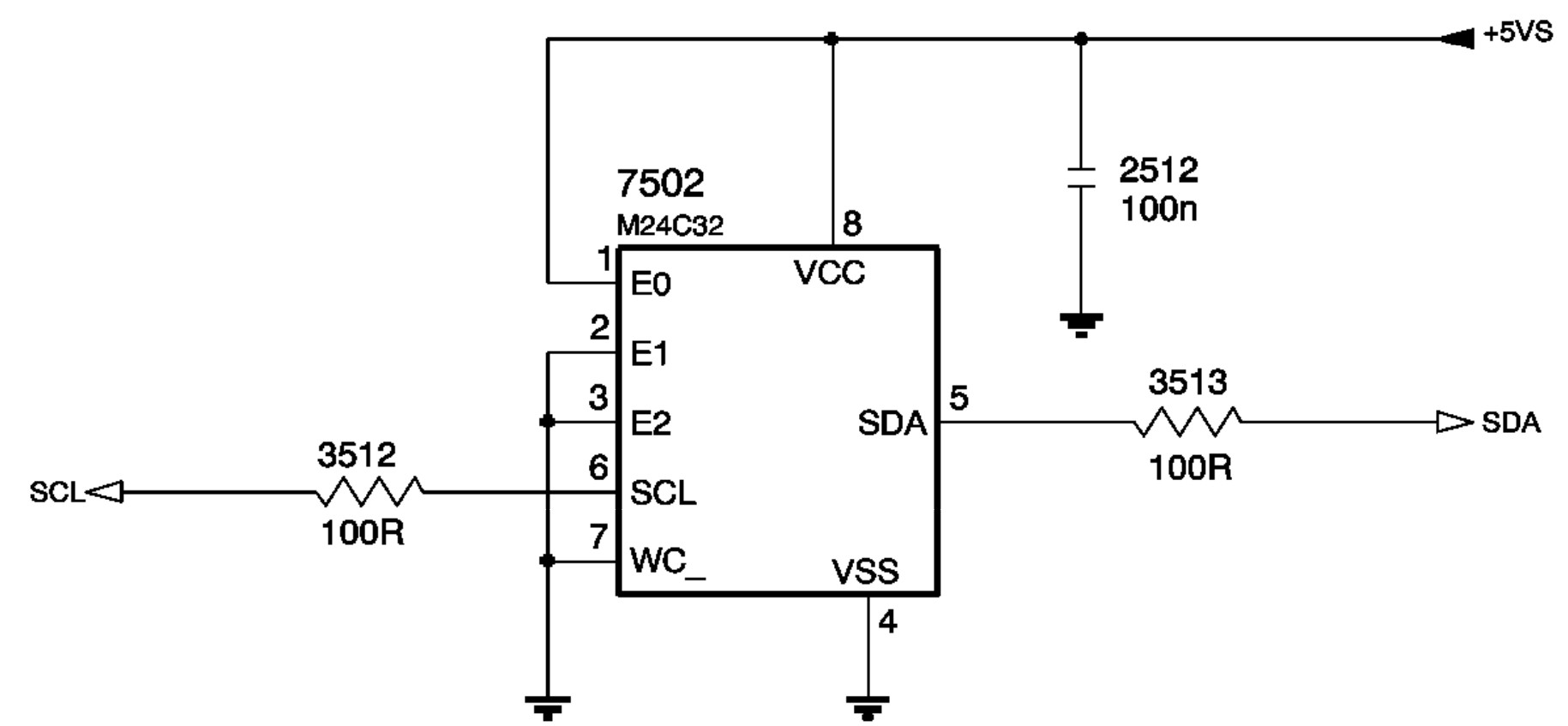


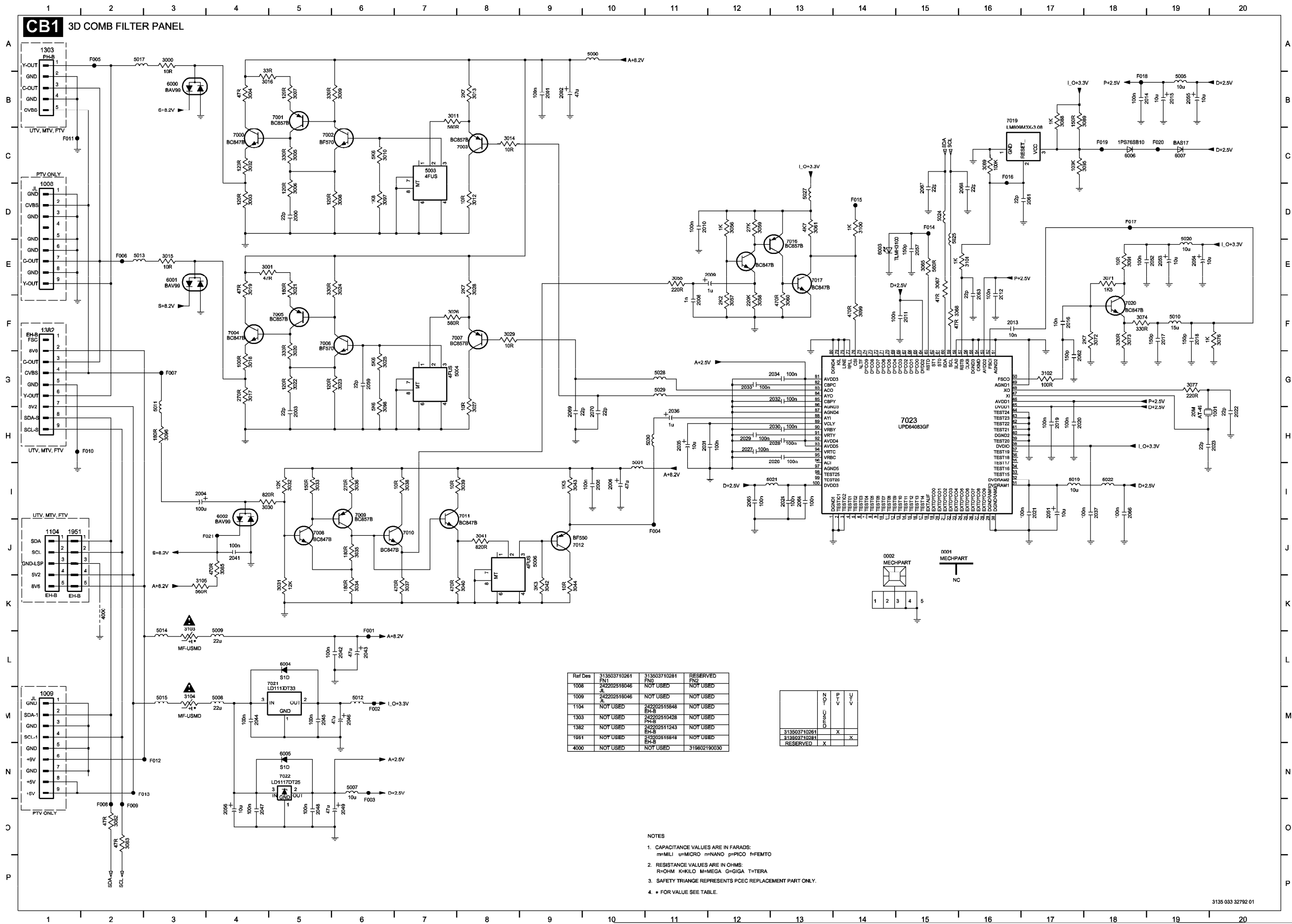
- 1501 B1
- 2501 A1
- 2502 B1
- 2503 B1
- 2504 C1
- 2505 C1
- 2506 B3
- 2507 A4
- 2508 C1
- 2509 C1
- 2511 B4
- 3501 A2
- 3502 A1
- 3503 B1
- 3504 C1
- 3506 B3
- 3507 A4
- 3508 B1
- 3509 A3
- 3510 A3
- 5501 B3
- 7501 A2

NO SYMBOL FOR THE "CLASS 5"

F 6 NV ROM

2512 A3
3512 B1
3513 B3
7502 A2





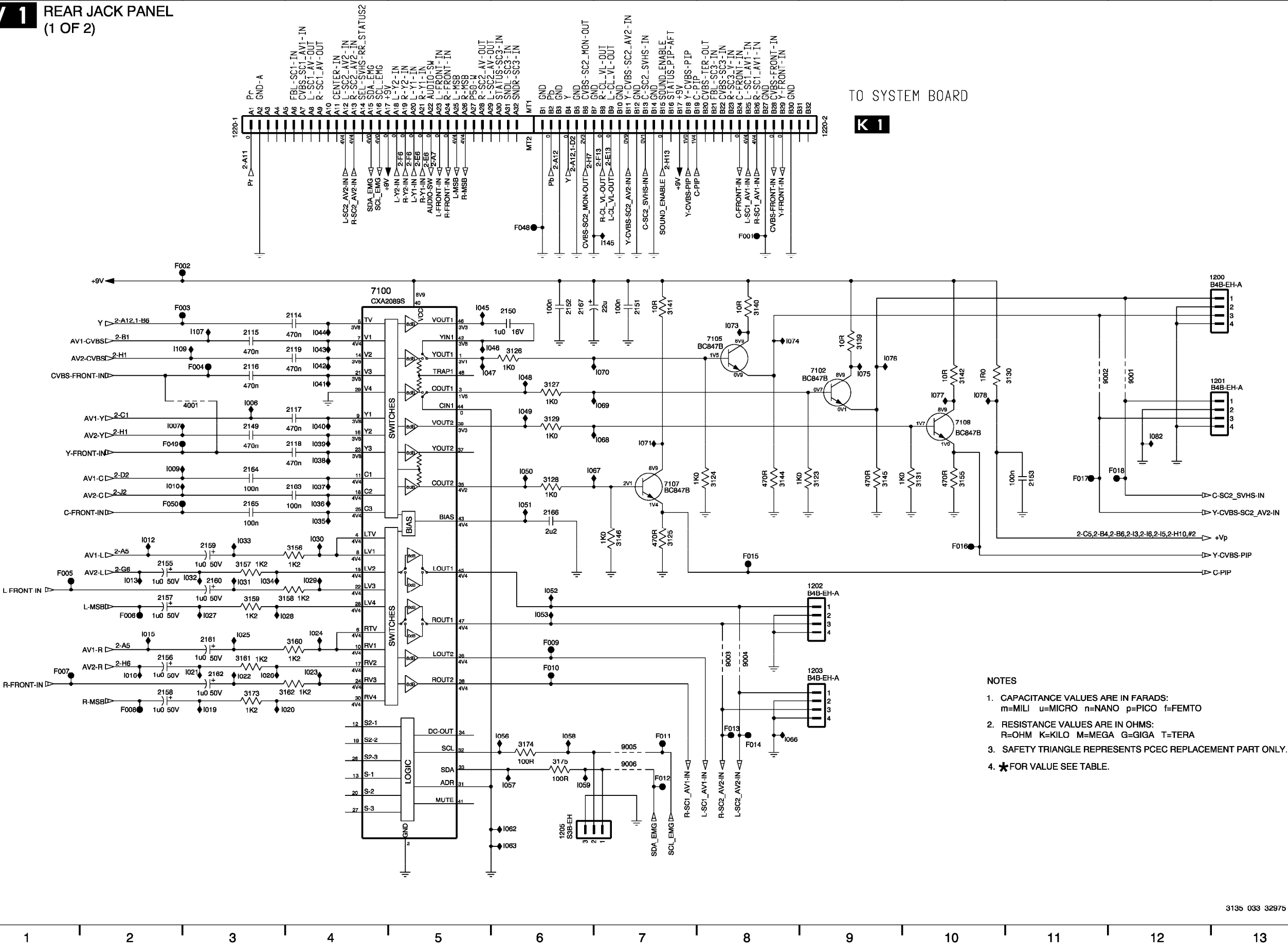
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1009	242202518046	NOT USED	NOT USED
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1303	NOT USED	242202510428	NOT USED
1382	NOT USED	242202511243	NOT USED
1951	NOT USED	242202515848	NOT USED
4000	NOT USED	NOT USED	319802190030

313503710261	313503710281	RESERVED
1008	242202518046	NOT USED
1009	242202518046	NOT USED
1104	NOT USED	242202515848
1303	NOT USED	242202510428
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4000	NOT USED	NOT USED

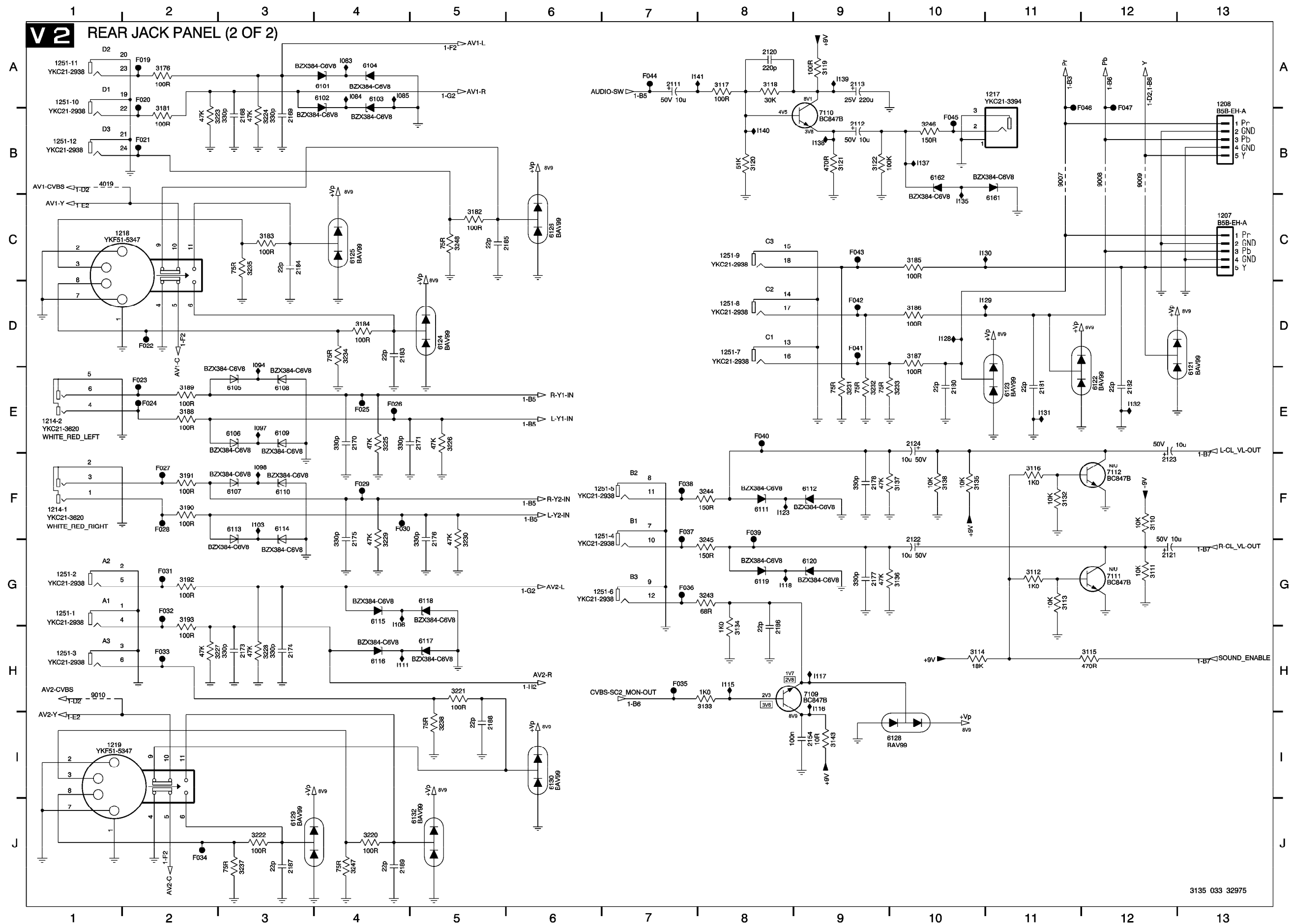
- NOTES
- CAPACITANCE VALUES ARE IN FARADS:
m=MILI u=MICRO n=NANO p=PICO f=FERMI
 - RESISTANCE VALUES ARE IN OHMS:
R=OHM K=KILO M=MEGA G=GIGA T=TERA
 - SAFETY TRIANGLE REPRESENTS PCEC REPLACEMENT PART ONLY.
 - * FOR VALUE SEE TABLE.

0001 K15	3034 K6	F006 E2
0002 K14	3035 J6	F007 G3
1001 H19	3036 I6	F008 O2
1008 E1	3037 K7	F009 O2
1009 N1	3038 I7	F010 H1
1104 J1	3039 I7	F011 C1
1303 B1	3040 K7	F012 N3
1382 G1	3041 J8	F013 N2
1951 J1	3042 K9	F014 D15
2000 D5	3043 J9	F015 D14
2001 B9	3044 K9	F016 D16
2002 B9	3055 E11	F017 D18
2003 H5	3056 D12	F018 B18
2004 I3	3057 F12	F019 C18
2005 I10	3058 F12	F020 C19
2006 I10	3059 D12	F021 J4
2008 F11	3060 F13	
2009 E11	3061 D13	
2010 D11	3065 E15	
2011 F14	3067 E15	
2012 F16	3068 F15	
2013 F16	3069 C16	
2014 B18	3071 E18	
2015 B19	3072 F17	
2016 F17	3073 F18	
2017 F19	3074 F18	
2018 F19	3076 F19	
2019 H17	3077 G19	
2020 H17	3082 O2	
2021 I17	3083 O2	
2022 H20	3085 J4	
2023 H19	3088 B17	
2024 I13	3089 B17	
2026 H13	3091 E18	
2027 H12	3095 C17	
2028 H13	3096 H3	
2029 H12	3097 D6	
2030 H13	3098 H6	
2031 H11	3099 F14	
2032 G13	3100 D14	
2033 G12	3101 E15	
2034 G13	3102 G17	
2035 H11	3103 L3	
2036 H11	3104 M3	
2037 I17	3105 K3	
2041 J4	4000 K2	
2042 L6	5000 A10	
2043 L6	5001 I10	
2044 M4	5003 D7	
2045 M5	5004 G7	
2046 M6	5005 B19	
2047 O4	5006 K8	
2048 O5	5007 N6	
2049 O6	5008 M4	
2051 I17	5009 L4	
2052 E18	5010 F19	
2053 E19	5011 H3	
2054 E19	5012 M6	
2055 B19	5013 E2	
2056 O4	5014 L3	
2057 E15	5015 M3	
2059 G6	5017 A2	
2061 D16	5019 I17	
2062 G17	5020 E19	
2063 F16	5021 I12	
2064 I13	5022 I18	
2065 I12	5024 D15	
2066 I18	5025 E15	
2067 D15	5027 D13	
2068 D16	5028 G11	
2069 H9	5029 G11	
2070 H10	5030 H11	
3000 A3	6000 B3	
3001 E4	6001 E3	
3002 C4	6002 J4	
3003 D4	6003 E14	
3004 B4	6004 L5	
3005 C5	6005 N5	
3006 D5	6006 C18	
3007 B5	6007 C19	
3008 D6	7000 C4	
3009 B6	7001 B5	
3010 C6	7002 C6	
3011 B7	7003 C8	
3012 D8	7004 F4	
3013 B8	7005 F5	
3014 C8	7006 F6	
3015 E3	7007 F8	
3016 B4	7008 J5	
3017 G4	7009 J6	
3018 G4	7010 J6	
3019 E4	7011 J7	
3020 G5	7012 J9	
3021 E5	7015 E12	
3022 G5	7016 E12	
3023 G6	7017 E13	
3024 E6	7019 C16	
3025 G6	7020 F18	
3026 F7	7021 M5	
3027 H8	7022 N5	
3028 E8	7023 H15	
3029 F8	F001 L6	
3030 I4	F002 M6	
3031 K5	F003 N6	
3032 I5	F004 J11	
3033 I5	F005 A2	

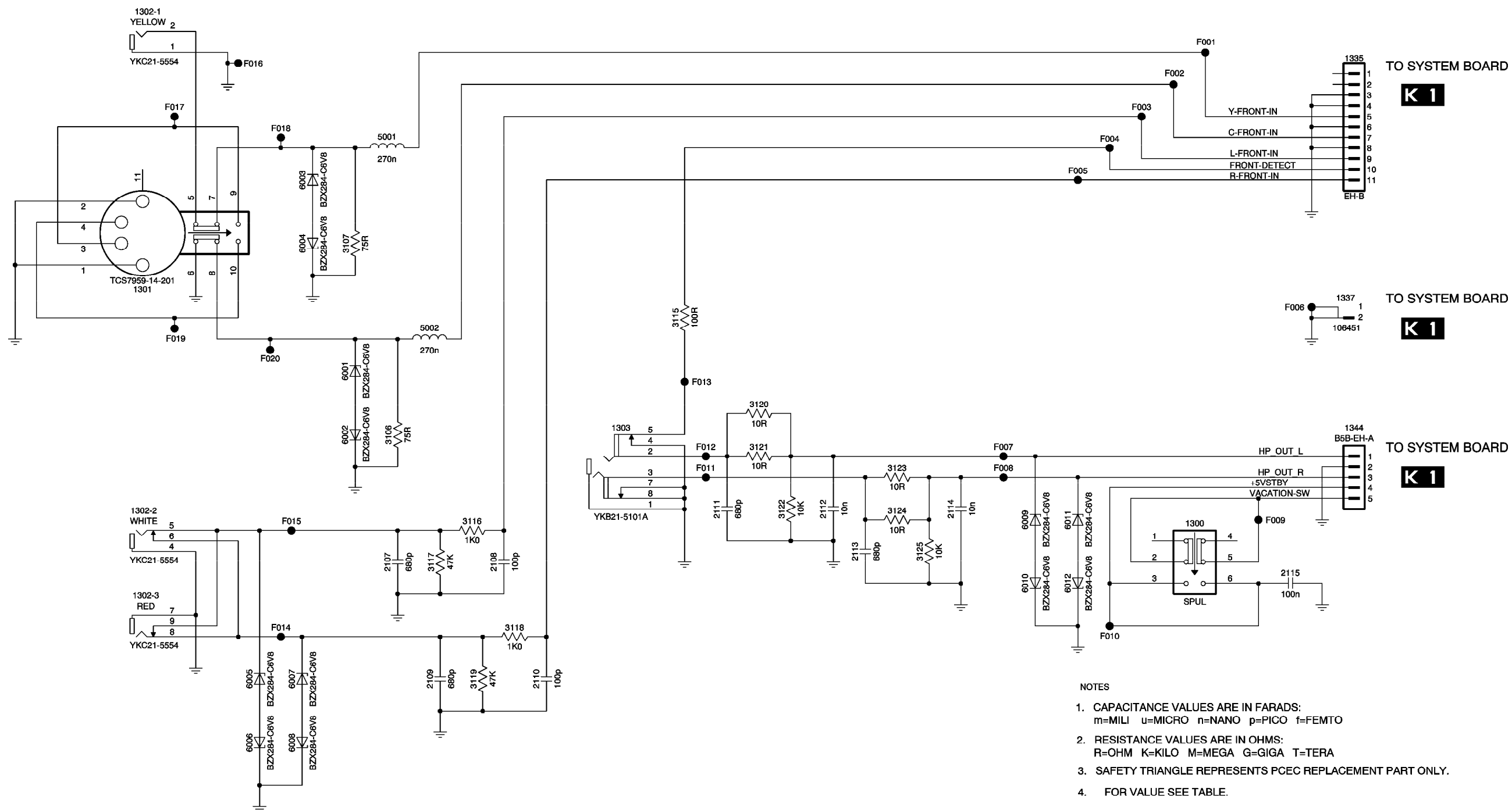
V 1 REAR JACK PANEL (1 OF 2)



- NOTES**
- CAPACITANCE VALUES ARE IN FARADS:
m=MILI u=MICRO n=NANO p=PICO f=FEMTO
 - RESISTANCE VALUES ARE IN OHMS:
R=OHM K=KILO M=MEGA G=GIGA T=TERA
 - SAFETY TRIANGLE REPRESENTS PCEC REPLACEMENT PART ONLY.
 - ★ FOR VALUE SEE TABLE.

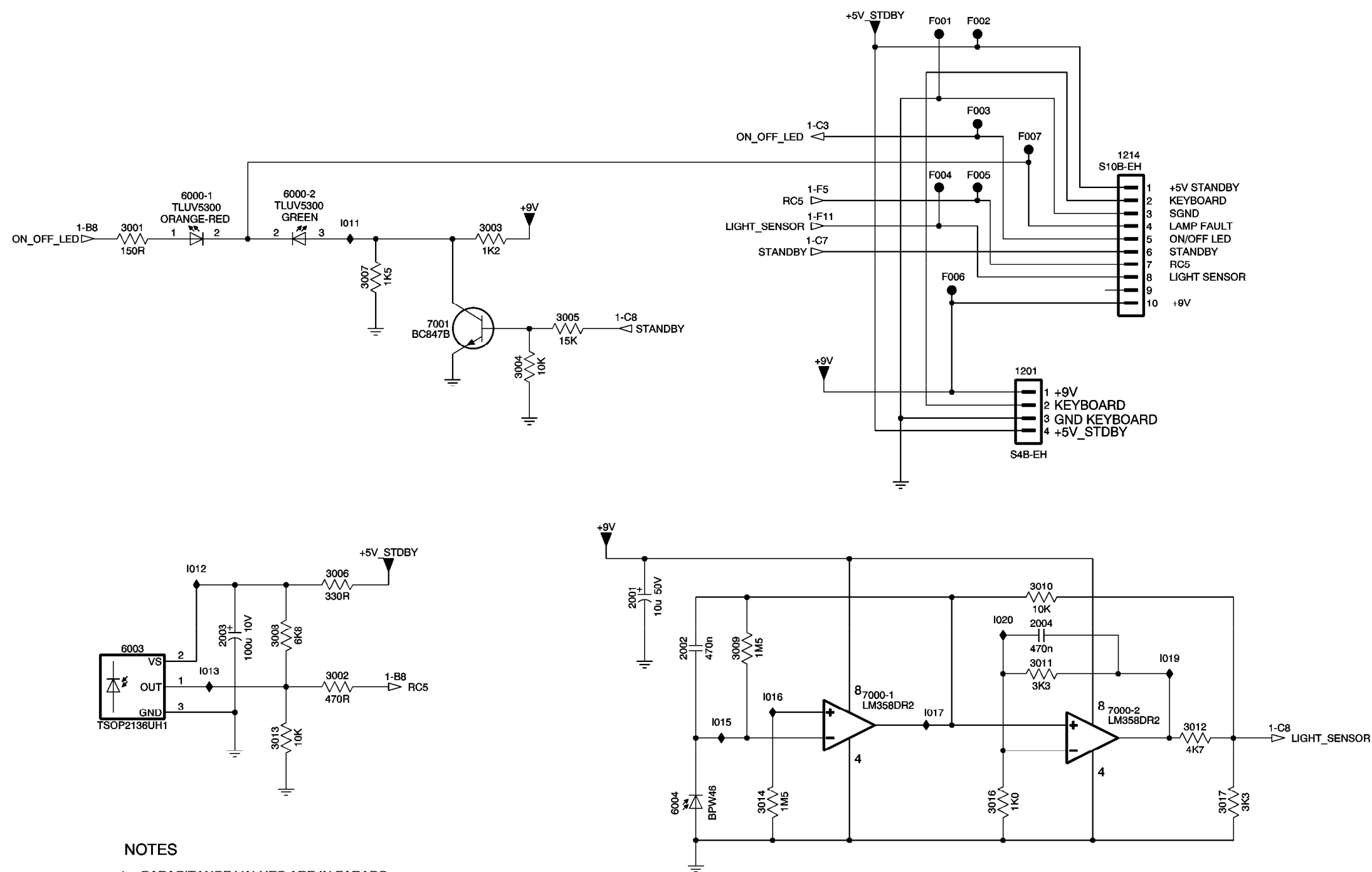


01 SIDE JACK PANEL



- NOTES
- CAPACITANCE VALUES ARE IN FARADS:
m=MILI u=MICRO n=NANO p=PICO f=FEMTO
 - RESISTANCE VALUES ARE IN OHMS:
R=OHM K=KILO M=MEGA G=GIGA T=TERA
 - SAFETY TRIANGLE REPRESENTS PCEC REPLACEMENT PART ONLY.
 - FOR VALUE SEE TABLE.

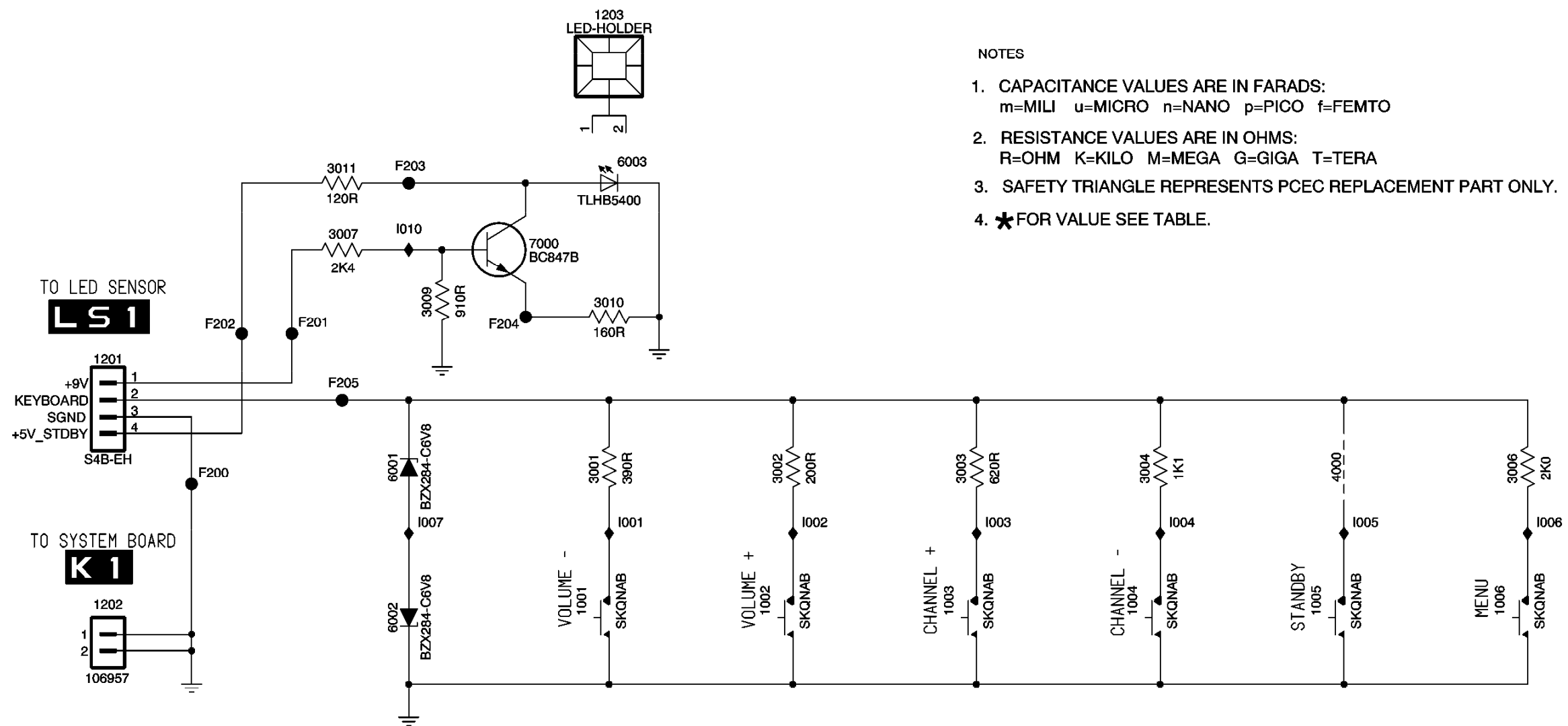
LS LED SENSOR



NOTES

- CAPACITANCE VALUES ARE IN FARADS:
m=MILI u=MICRO n=NANO p=PICO f=FEMTO
- RESISTANCE VALUES ARE IN OHMS:
R=OHM K=KILO M=MEGA G=GIGA T=TERA
- SAFETY TRIANGLE REPRESENTS PCEC REPLACEMENT PART ONLY.
- ★ FOR VALUE SEE TABLE.

P 1 LED / KEYBOARD PANEL

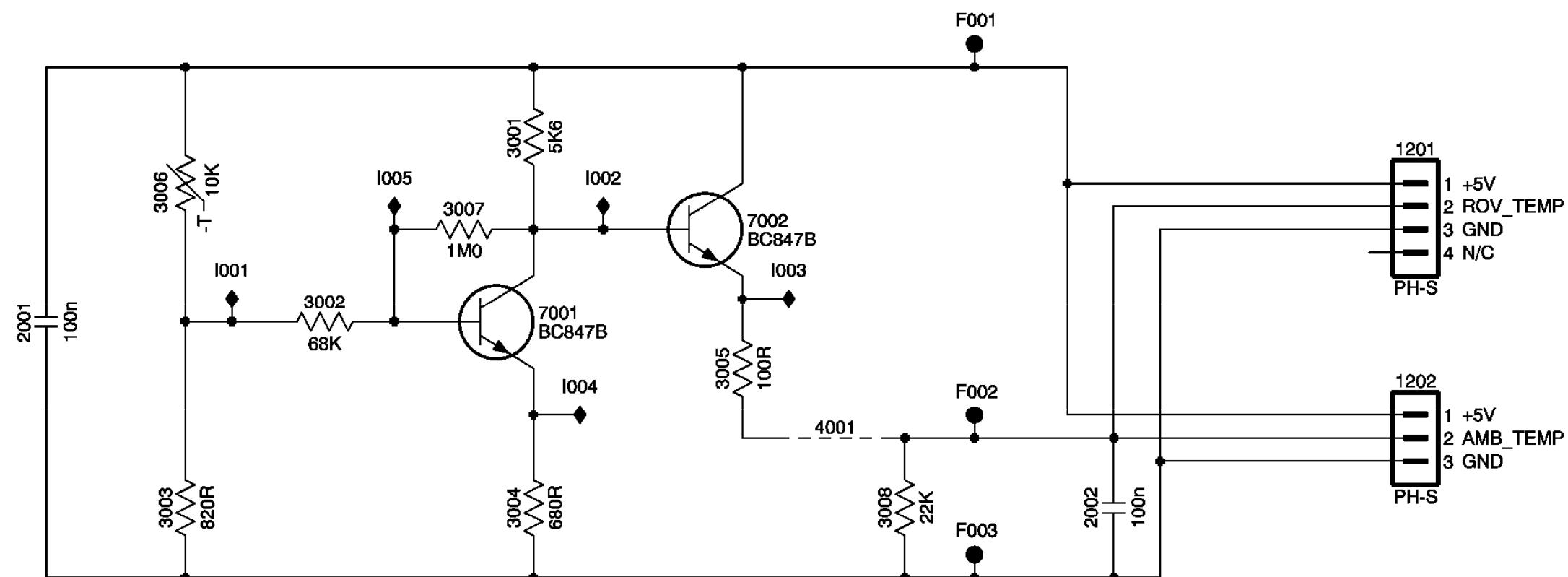


NOTES

1. CAPACITANCE VALUES ARE IN FARADS:
m=MILI u=MICRO n=NANO p=PICO f=FEMTO
2. RESISTANCE VALUES ARE IN OHMS:
R=OHM K=KILO M=MEGA G=GIGA T=TERA
3. SAFETY TRIANGLE REPRESENTS PCEC REPLACEMENT PART ONLY.
4. * FOR VALUE SEE TABLE.

TS1

LCOS THERMAL SENSOR



TO SYSTEM BD

K 3

CONN
1261

TO SYSTEM BD

K 3

CONN
1262

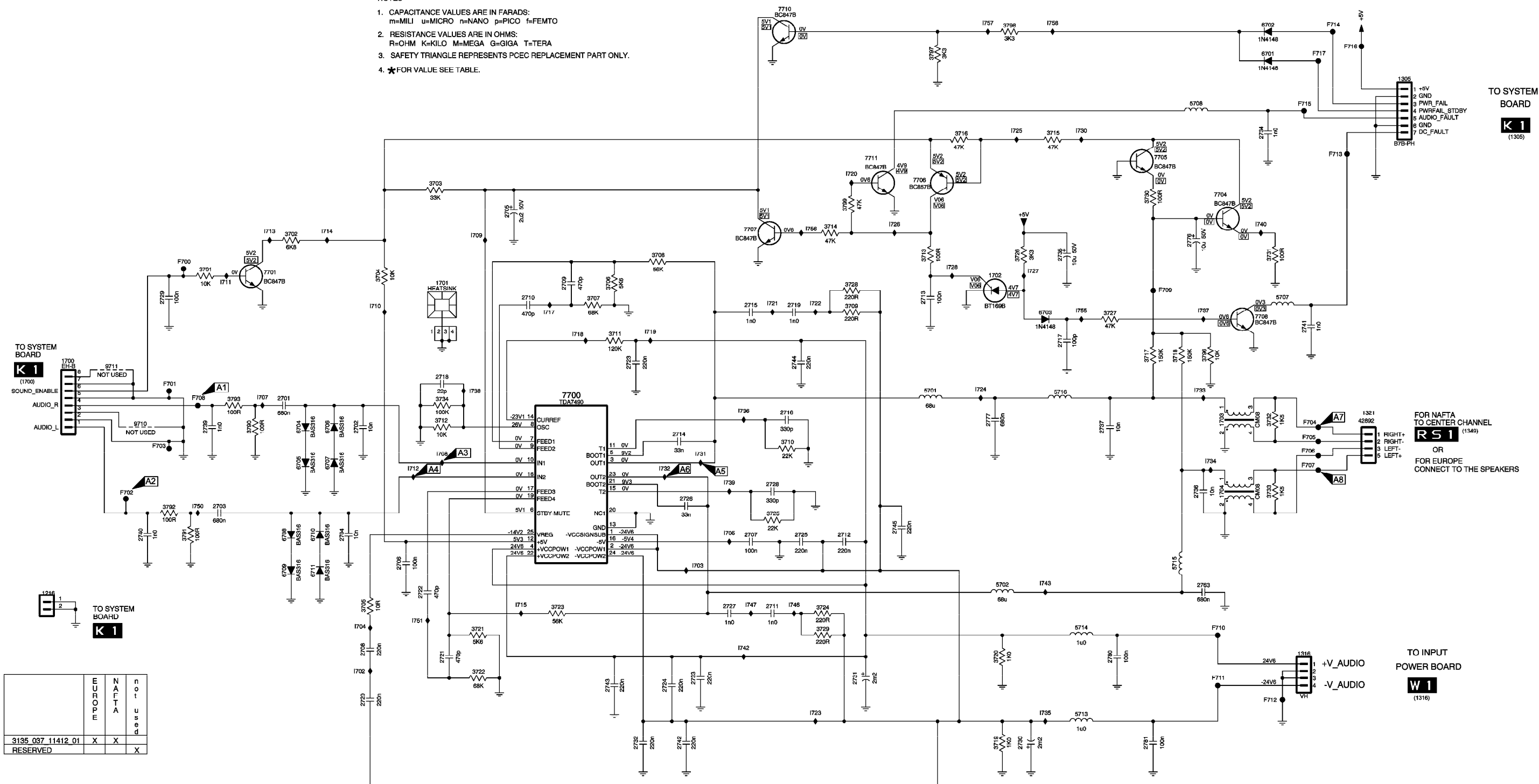
NOTES

1. CAPACITANCE VALUES ARE IN FARADS:
m=MILI u=MICRO n=NANO p=PICO f=FEMTO
2. RESISTANCE VALUES ARE IN OHMS:
R=OHM K=KILO M=MEGA G=GIGA T=TERA
3. SAFETY TRIANGLE REPRESENTS PCEC REPLACEMENT PART ONLY.
4. *FOR VALUE SEE TABLE.

AA 1 AUDIO AMPLIFIER BOARD

NOTES

1. CAPACITANCE VALUES ARE IN FARADS:
m=MILI u=MICRO n=NANO p=PICO f=FEMTO
2. RESISTANCE VALUES ARE IN OHMS:
R=OHM K=KILO M=MEGA G=GIGA T=TERA
3. SAFETY TRIANGLE REPRESENTS PPEC REPLACEMENT PART ONLY.
4. ★ FOR VALUE SEE TABLE.



	EUROPE	NAFTA	not used
3135 037 11412 01	X	X	
RESERVED			X

Ref Des	3135 037 11412 01	RESERVED
9710	NOT USED	319803690010
9711	NOT USED	319803690010

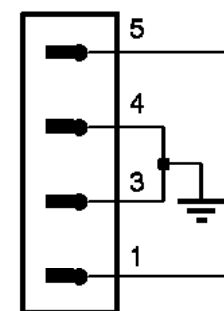
3135 033 33532 01

CH CENTER CH. SW. PANEL

- 1000 A4
- 1002-B B2
- 1321 B4
- 1349 B1
- I001 B1
- I002 B1
- I003 B2
- I004 B2
- I005 B3
- I006 A4
- I007 A4
- I008 B4
- I009 C4
- I010 C4
- I011 C4

To Audio Panel
AA1 1321

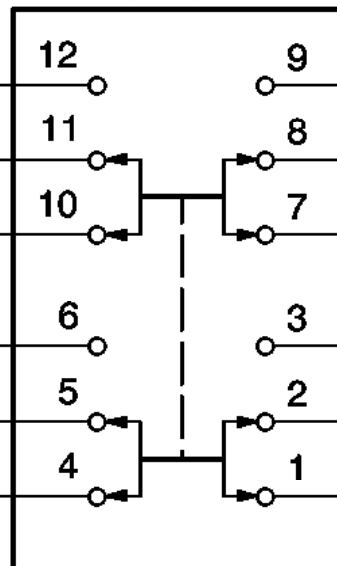
1349
42892



I001

I002

1002-B
GF-642



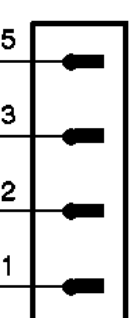
I003

I004

I005

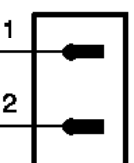
To Speakers

1321
42892



I006

1000
YKD21-180



OUT

I007

I008

I009

I010

I011

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Knoxville, TN 37914

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CIRCUIT BOARD ASSEMBLIES

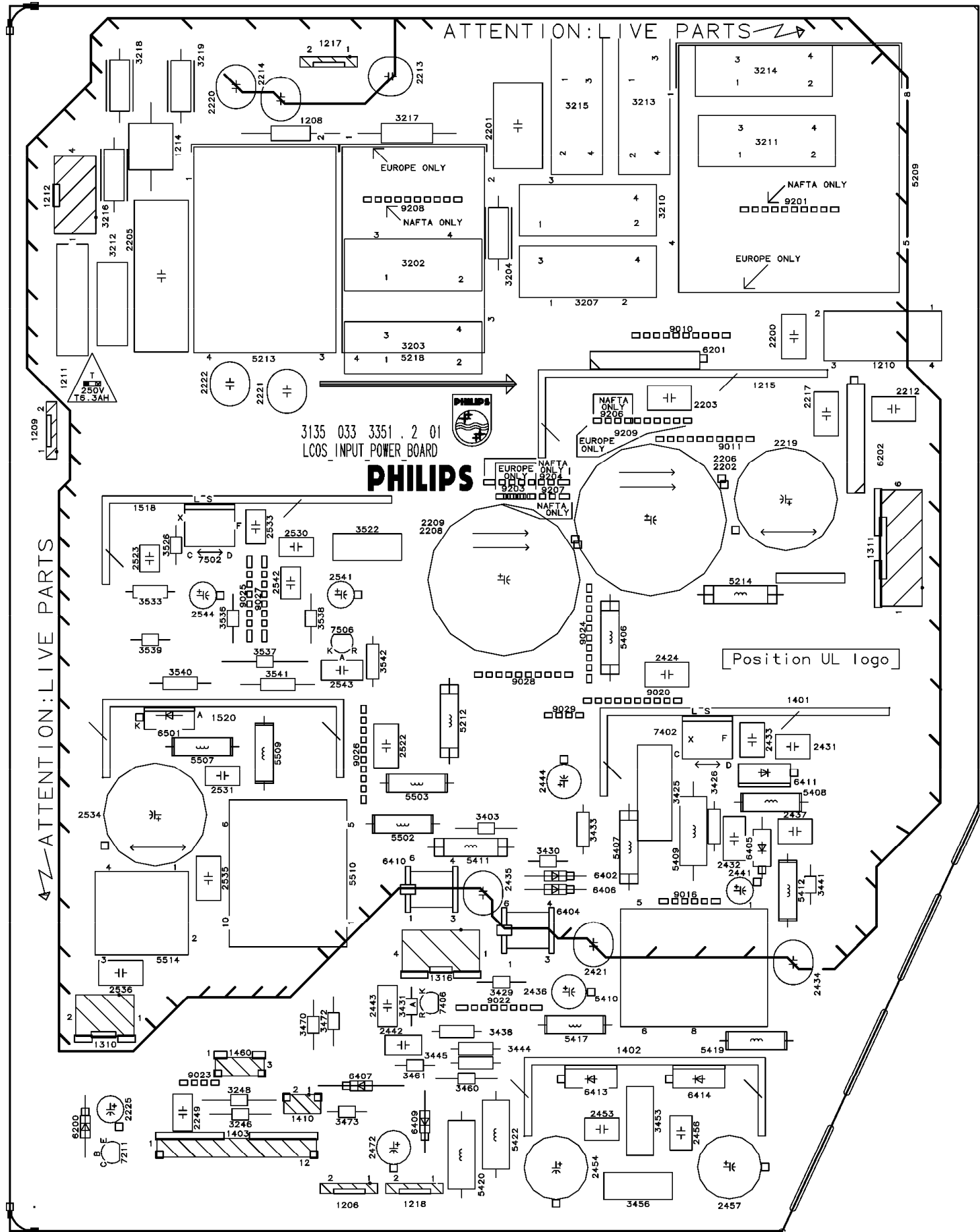
[W] Input Power Panel
[U1] Main Power Panel
[K] System Board
[B] SSB Panel
[SL] Scaler Panel
[F] DW PIP Panel
[CB1] 3D Comb Filter Panel
[V] Rear Jack Panel
[O1] Side Jack Panel
[LS] LED/Sensor Panel
[P1] LED/Keyboard Panel
[TS1] Thermal Sensor Panel
[AA1] Audio Amplifier Panel
[CH] Center Channel Switch Panel

REFER TO SAFETY GUIDELINES

SAFETY NOTICE: ANY PERSON ATTEMPTING TO SERVICE THIS CHASSIS MUST FAMILIARIZE HIMSELF WITH THE CHASSIS AND BE AWARE OF THE NECESSARY SAFETY PRECAUTIONS TO BE USED WHEN SERVICING ELECTRONIC EQUIPMENT CONTAINING HIGH VOLTAGES.

CAUTION: USE A SEPARATE ISOLATION TRANSFORMER FOR THIS UNIT WHEN SERVICING

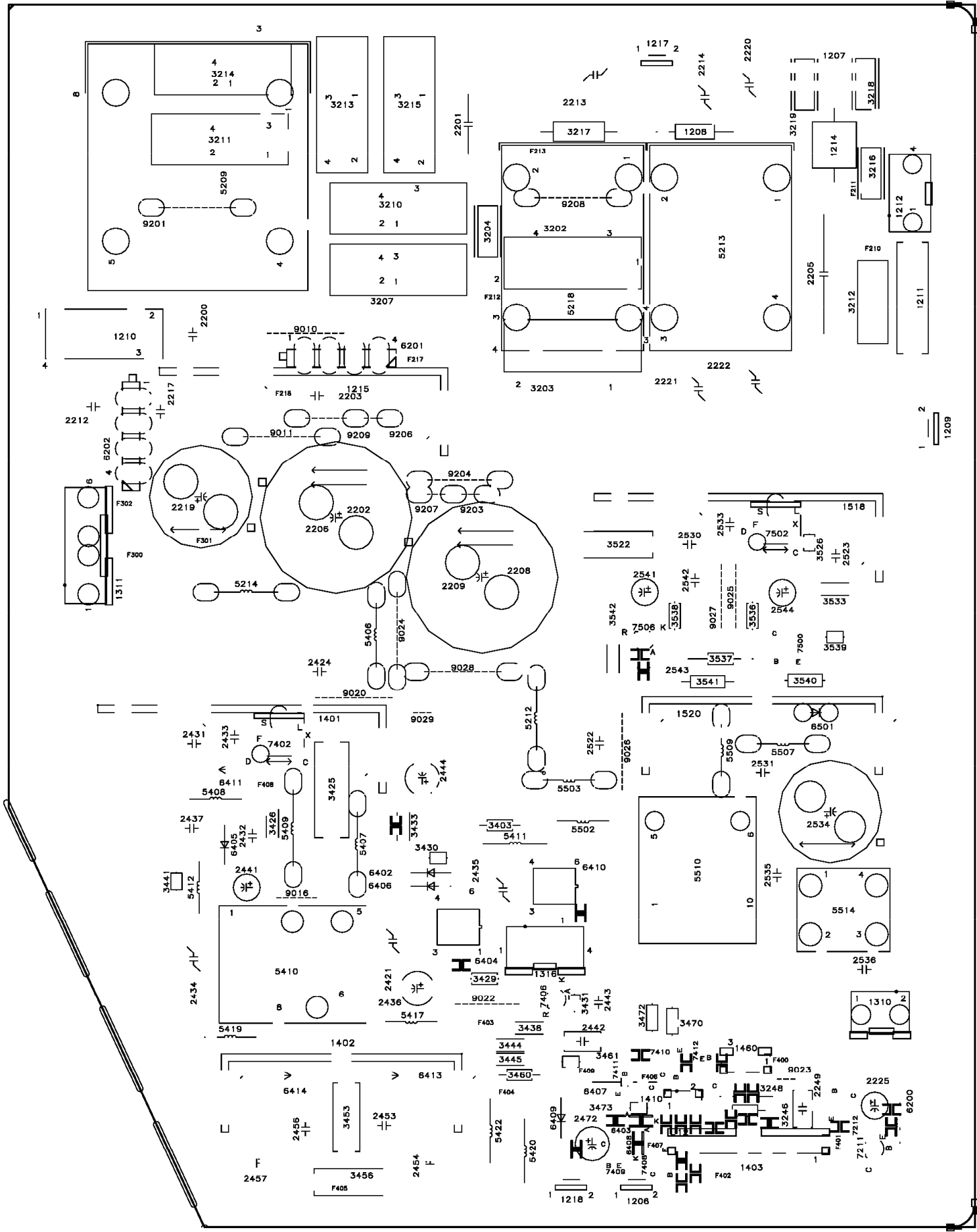
[W] INPUT POWER PANEL (Top View)



Refer to the next page for Bottom Side View.

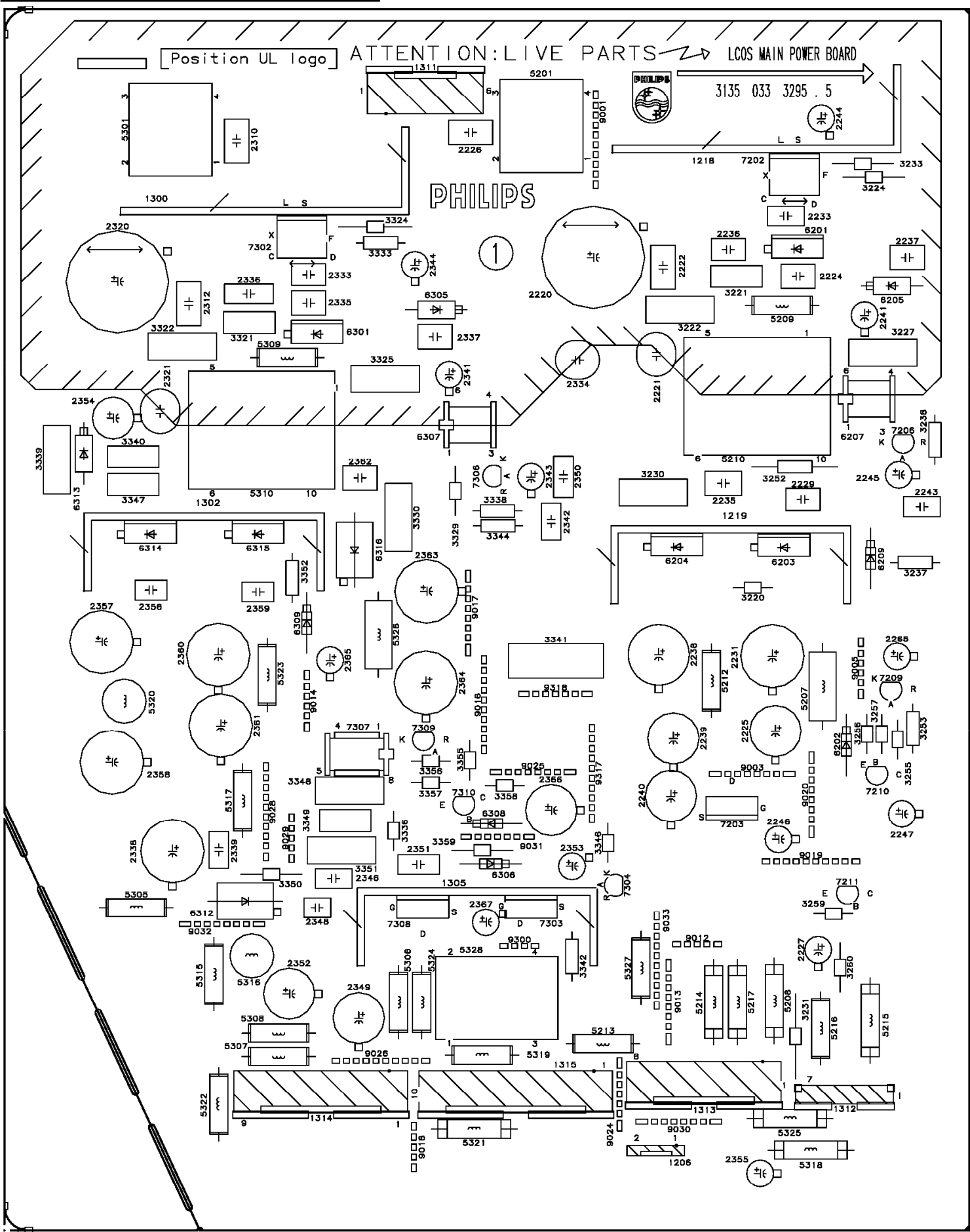
Return to Circuit Board TOC.

[W] INPUT POWER PANEL (Bottom View)



Return to Circuit Board TOC.

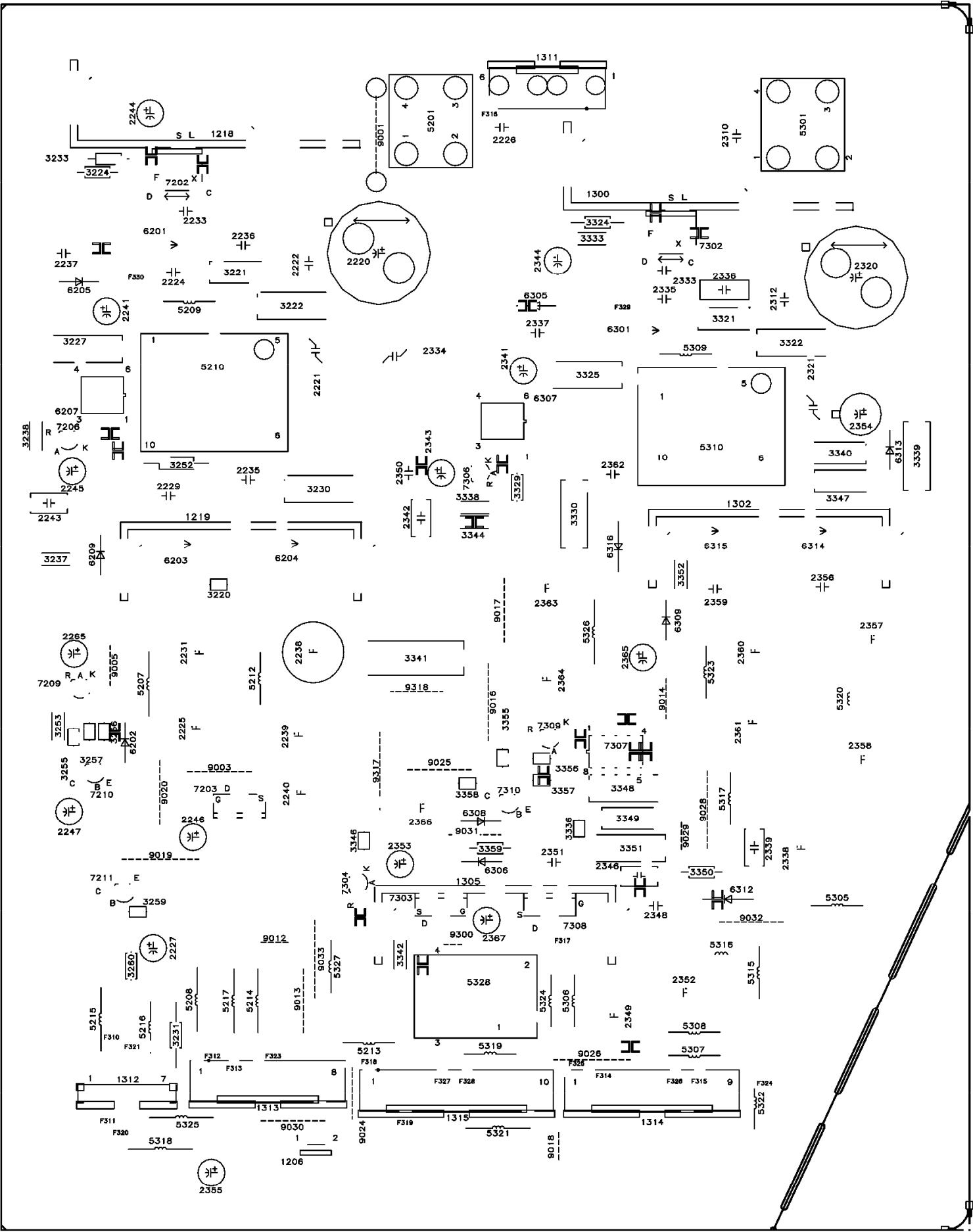
[U1] MAIN POWER PANEL (Top View)



Refer to the next page for Bottom Side View.

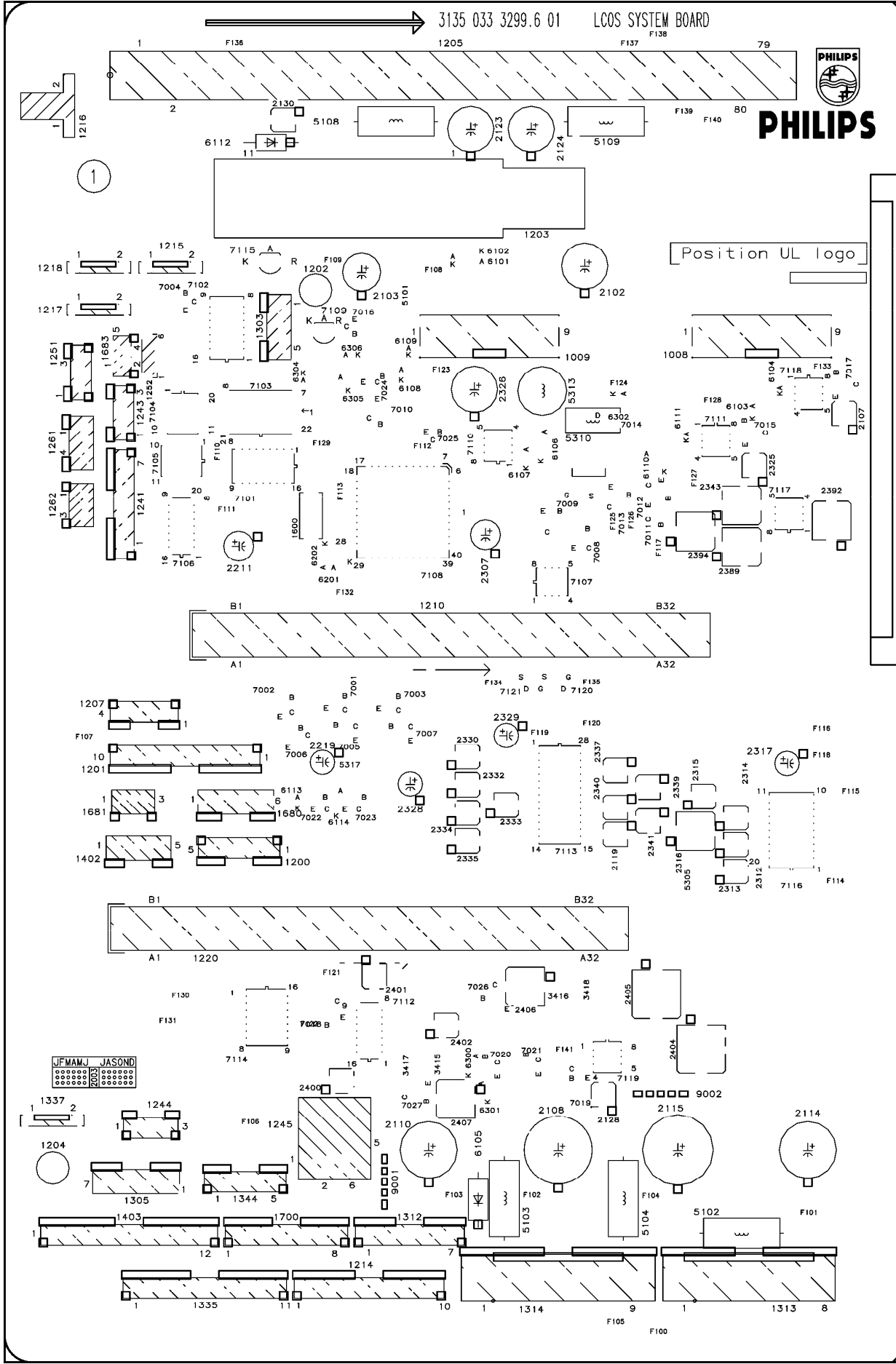
Return to Circuit Board TOC.

[U1] MAIN POWER PANEL (Bottom View)



Return to Circuit Board TOC.

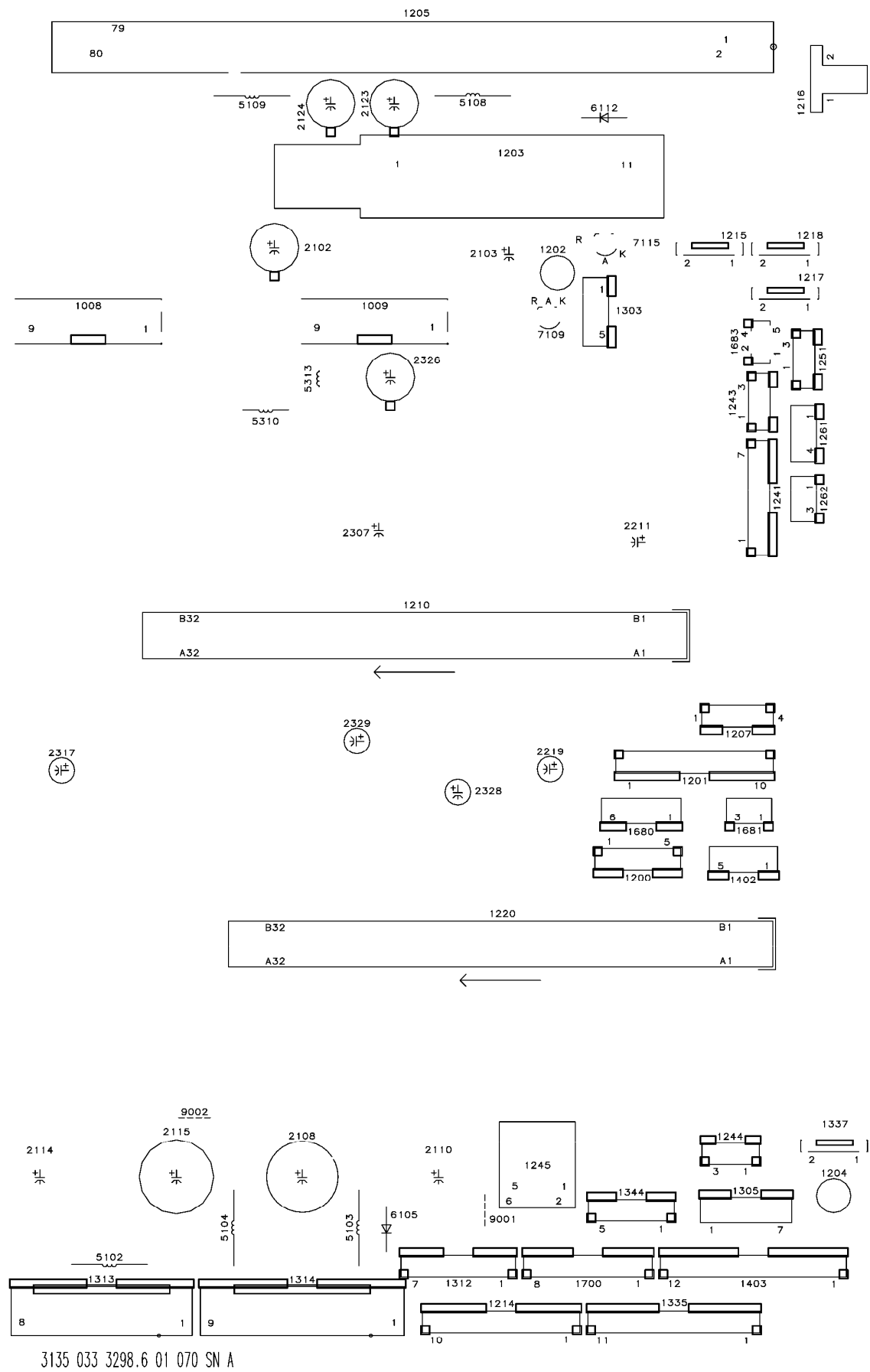
[K] SYSTEM BOARD (Top View)



Refer to the next page for Bottom Side View.

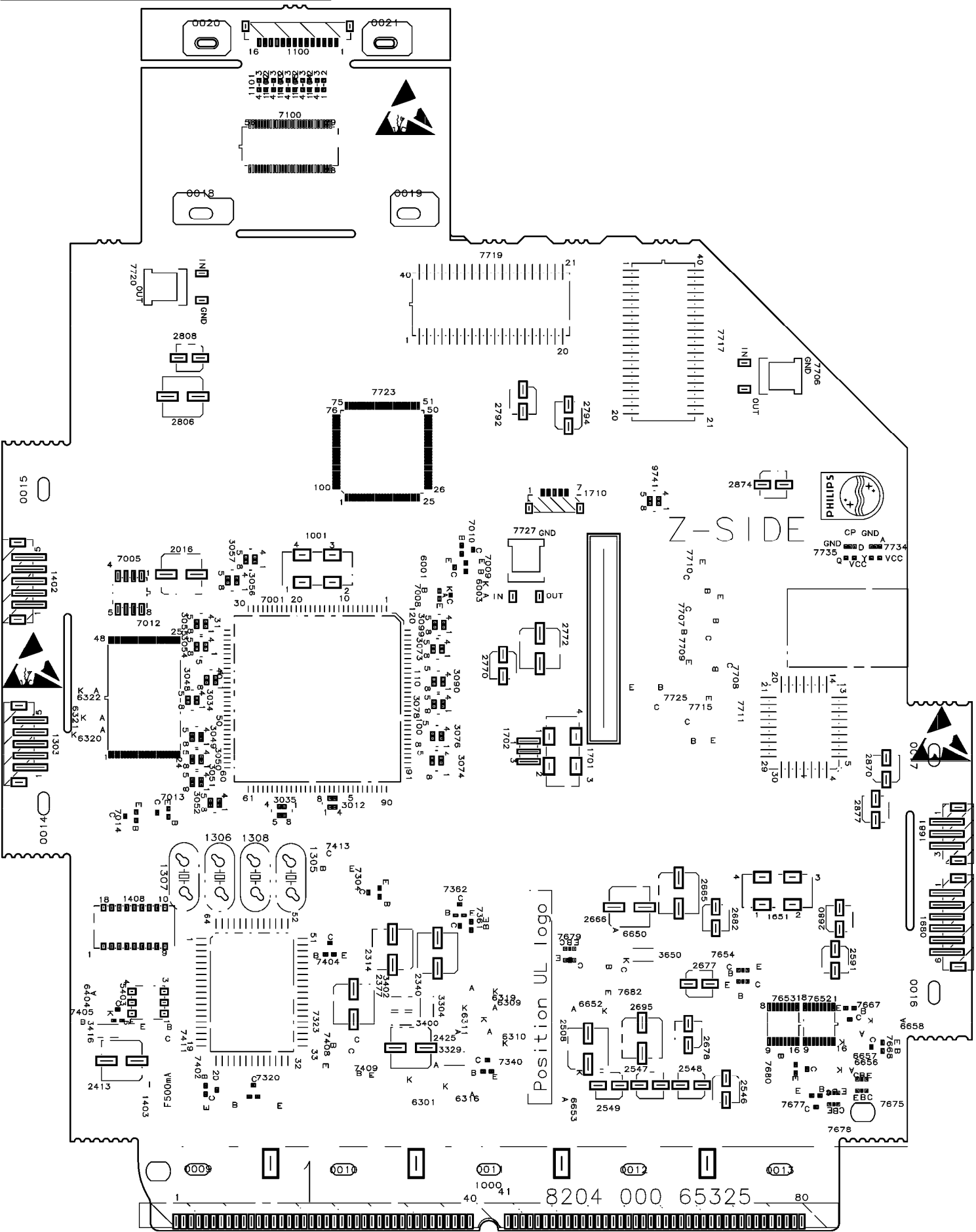
Return to Circuit Board TOC.

[K] SYSTEM BOARD (Bottom View)



Return to Circuit Board TOC.

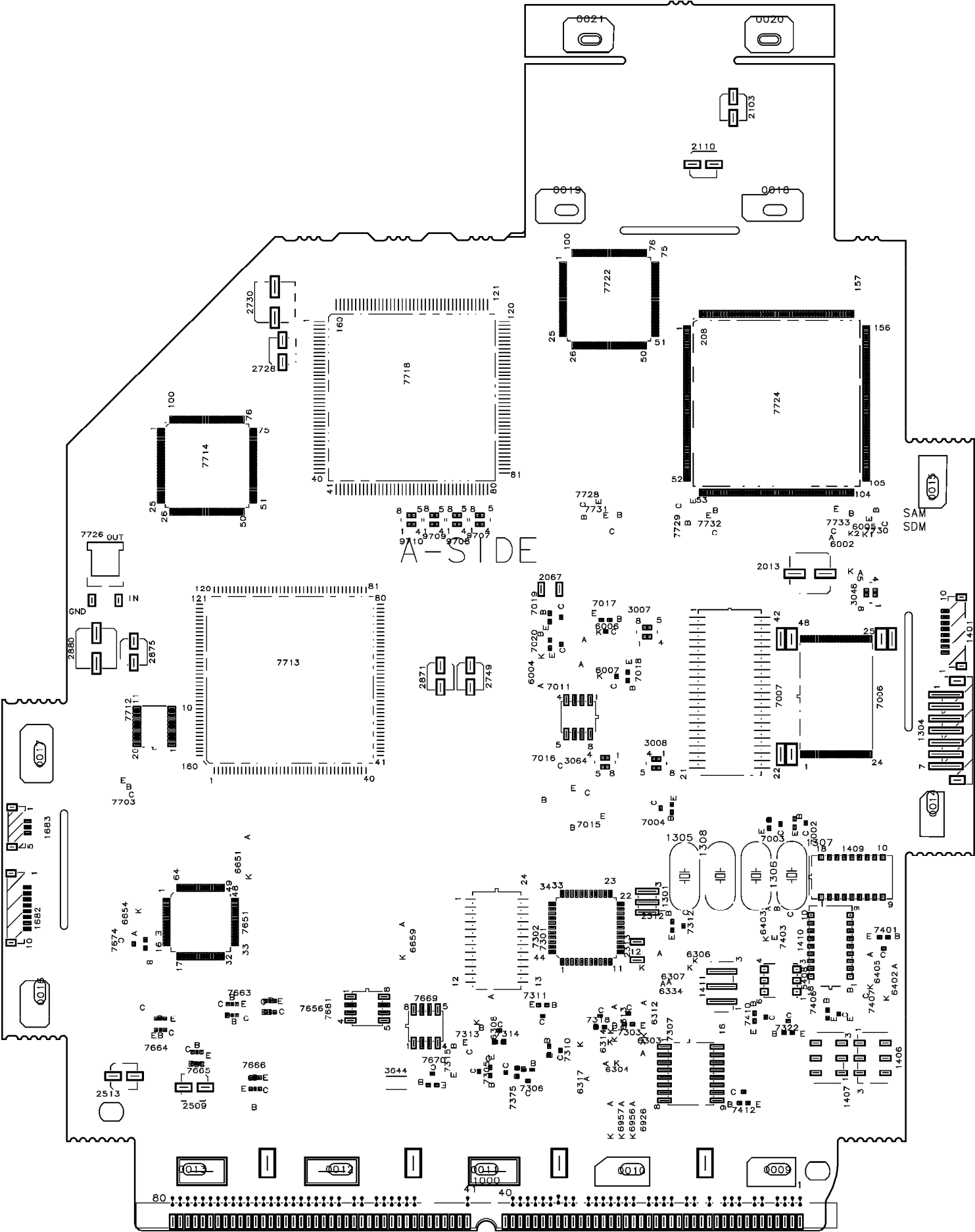
[B] SSB PANEL (Top View)



Refer to the next page for Bottom Side View.

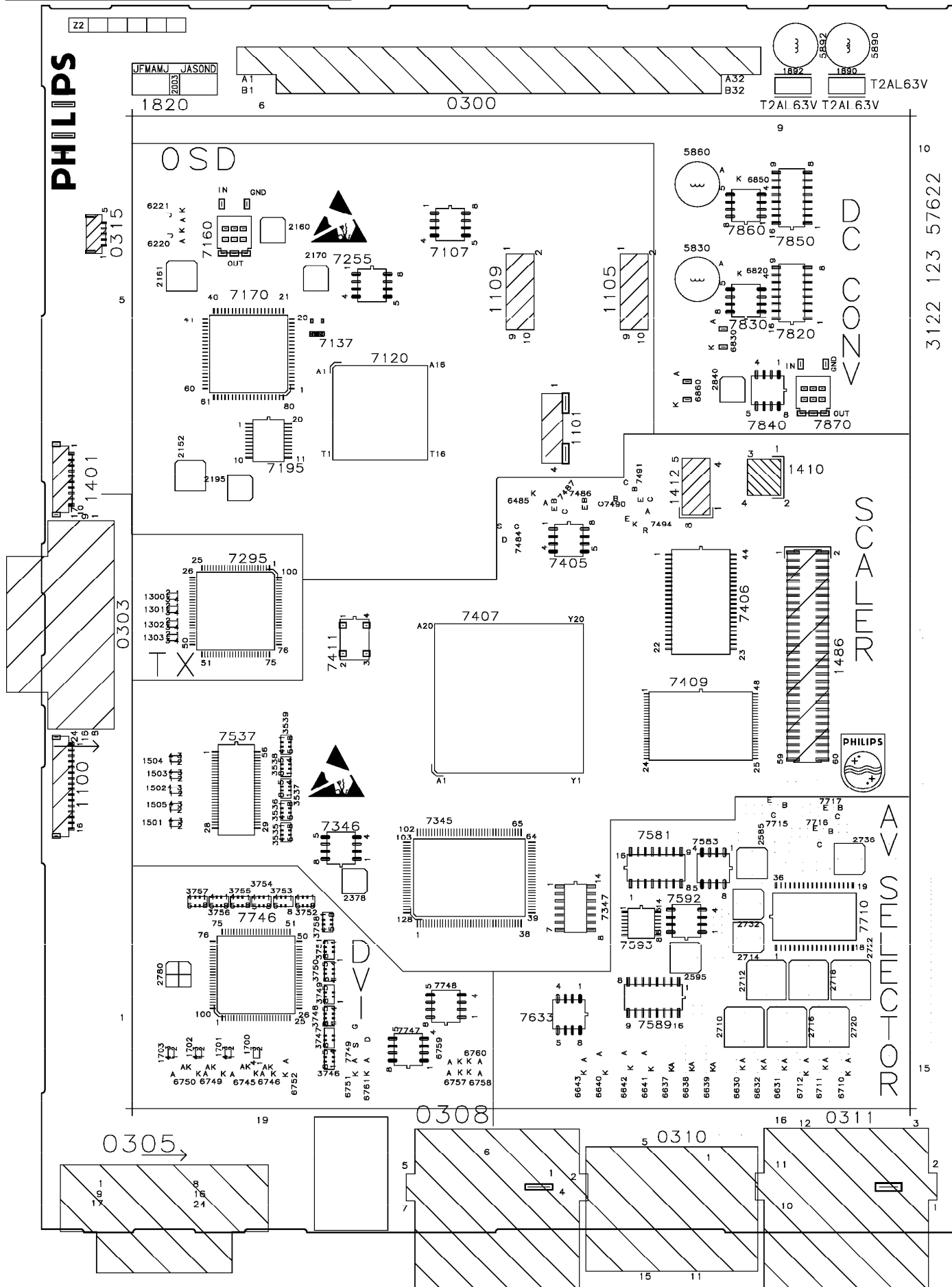
Return to Circuit Board TOC.

[B] SSB PANEL (Bottom View)



Return to Circuit Board TOC.

[SL] SCALER PANEL (Top View)



Refer to the next page for Bottom Side View.

Return to Circuit Board TOC.

PHILIPS

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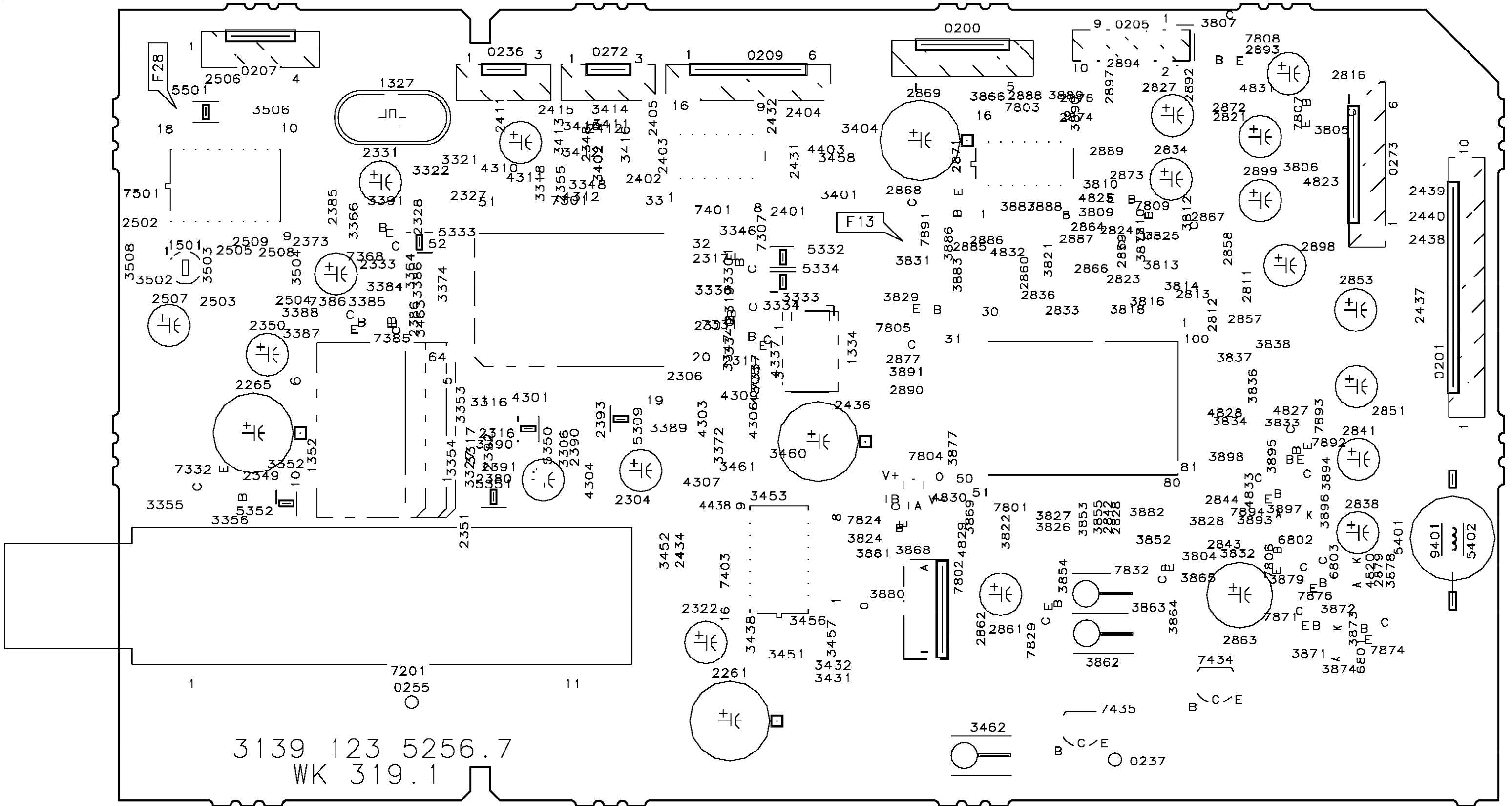
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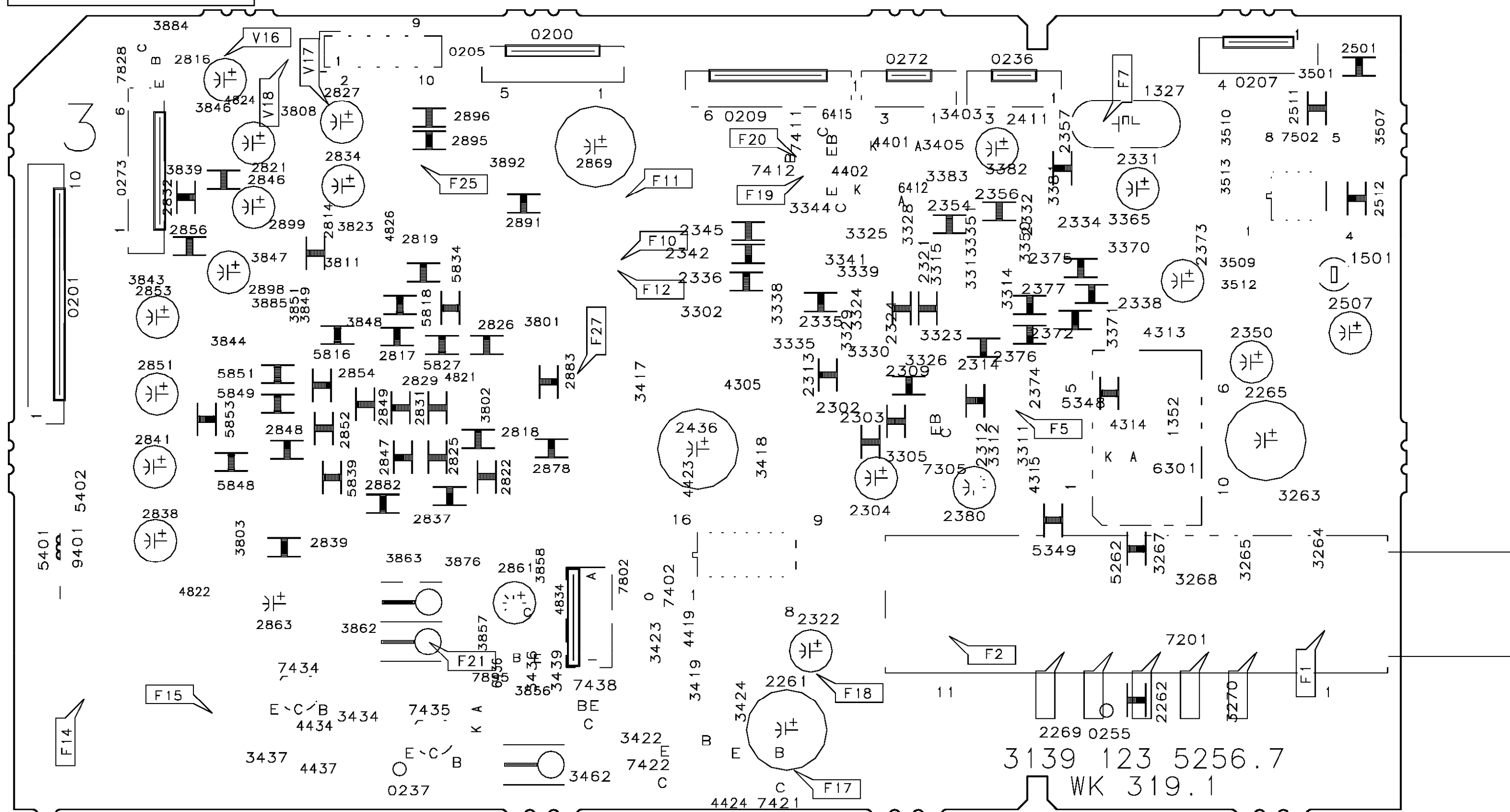
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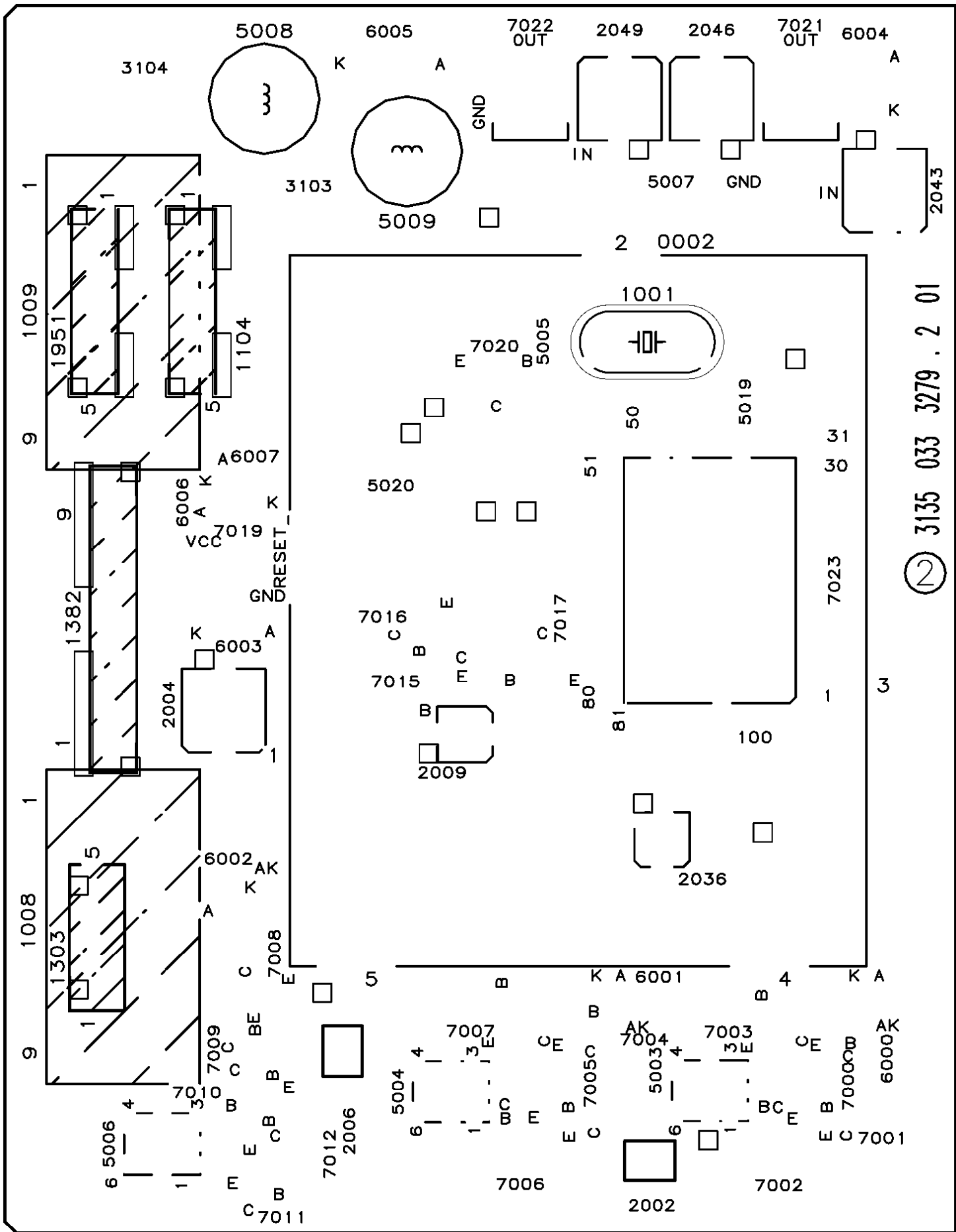


[F] DW PIP PANEL (Bottom View)



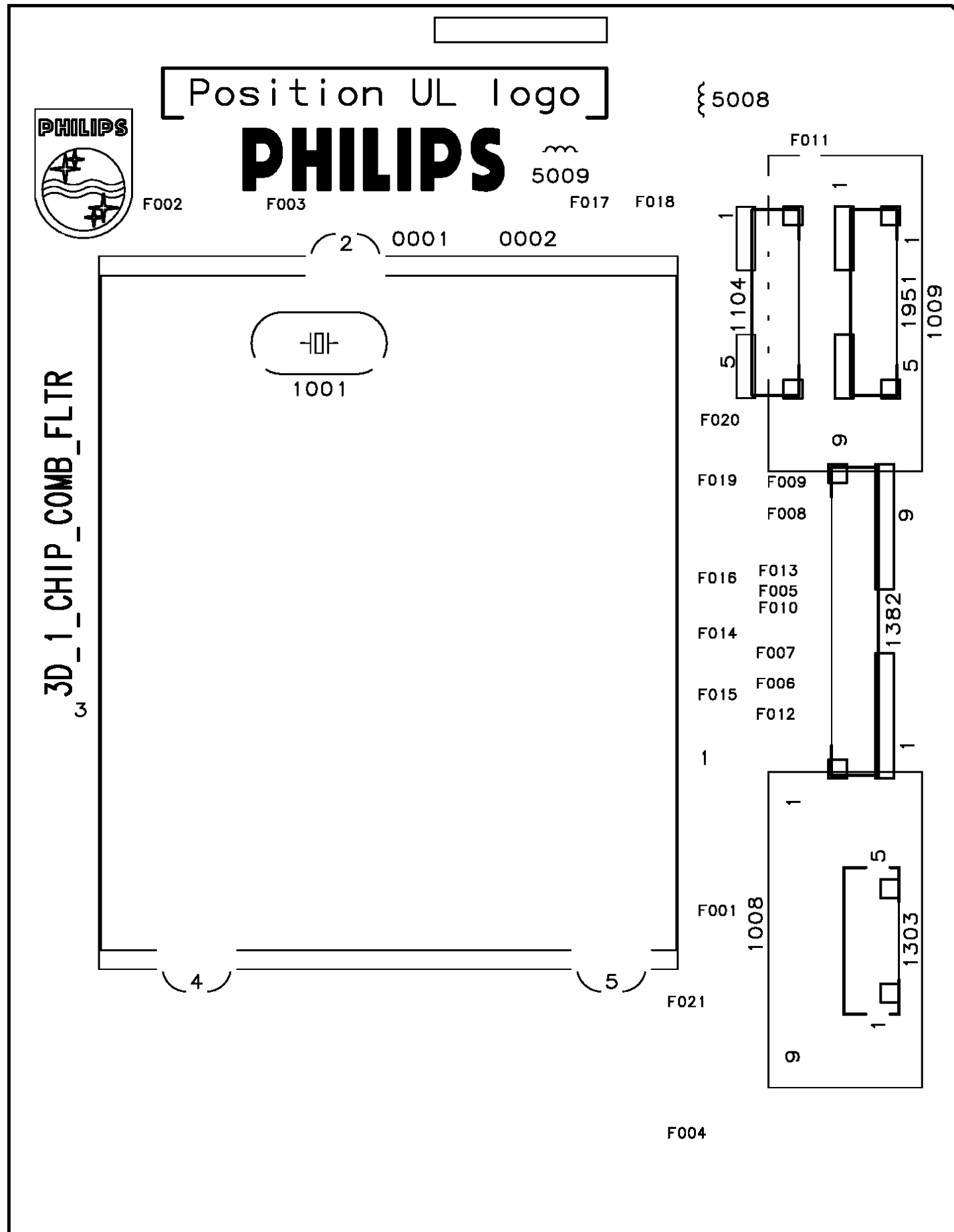
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[CB1] 3D COMB FILTER PANEL (Top View)



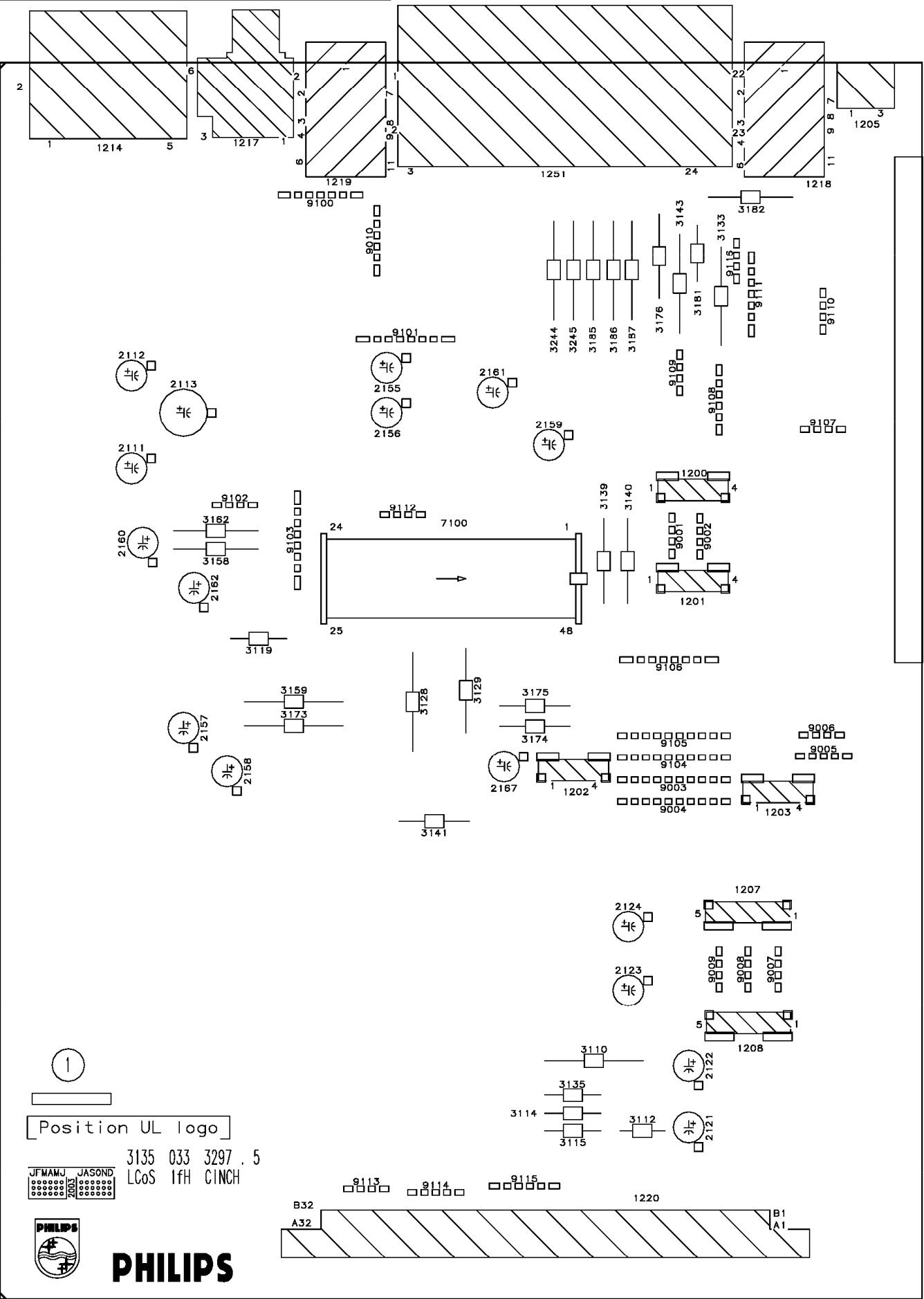
Refer to the next page for Bottom Side View.

Return to Circuit Board TOC.



[Return to Circuit Board TOC.](#)

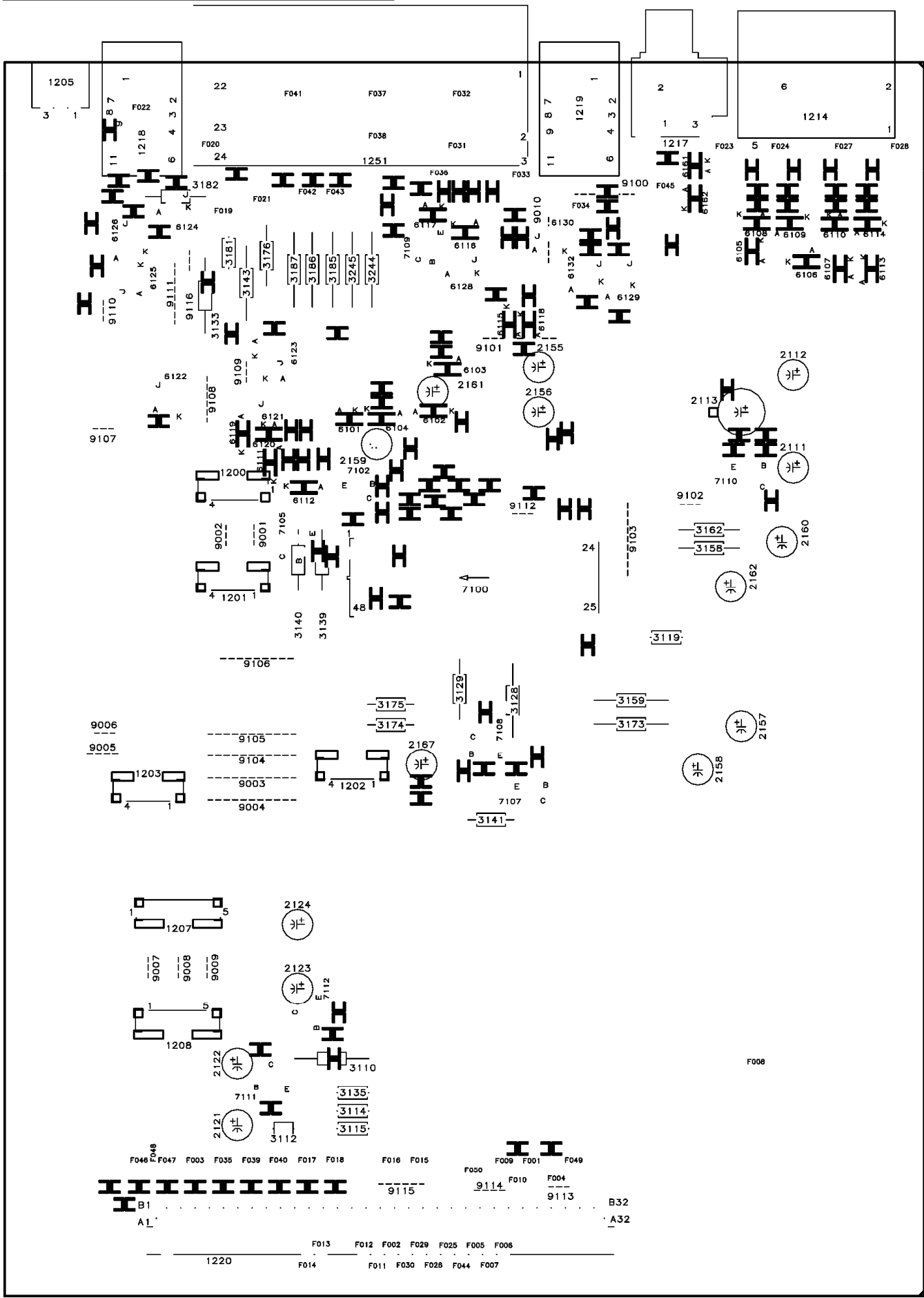
[V] REAR JACK PANEL (Top View)



Refer to the next page for Bottom Side View.

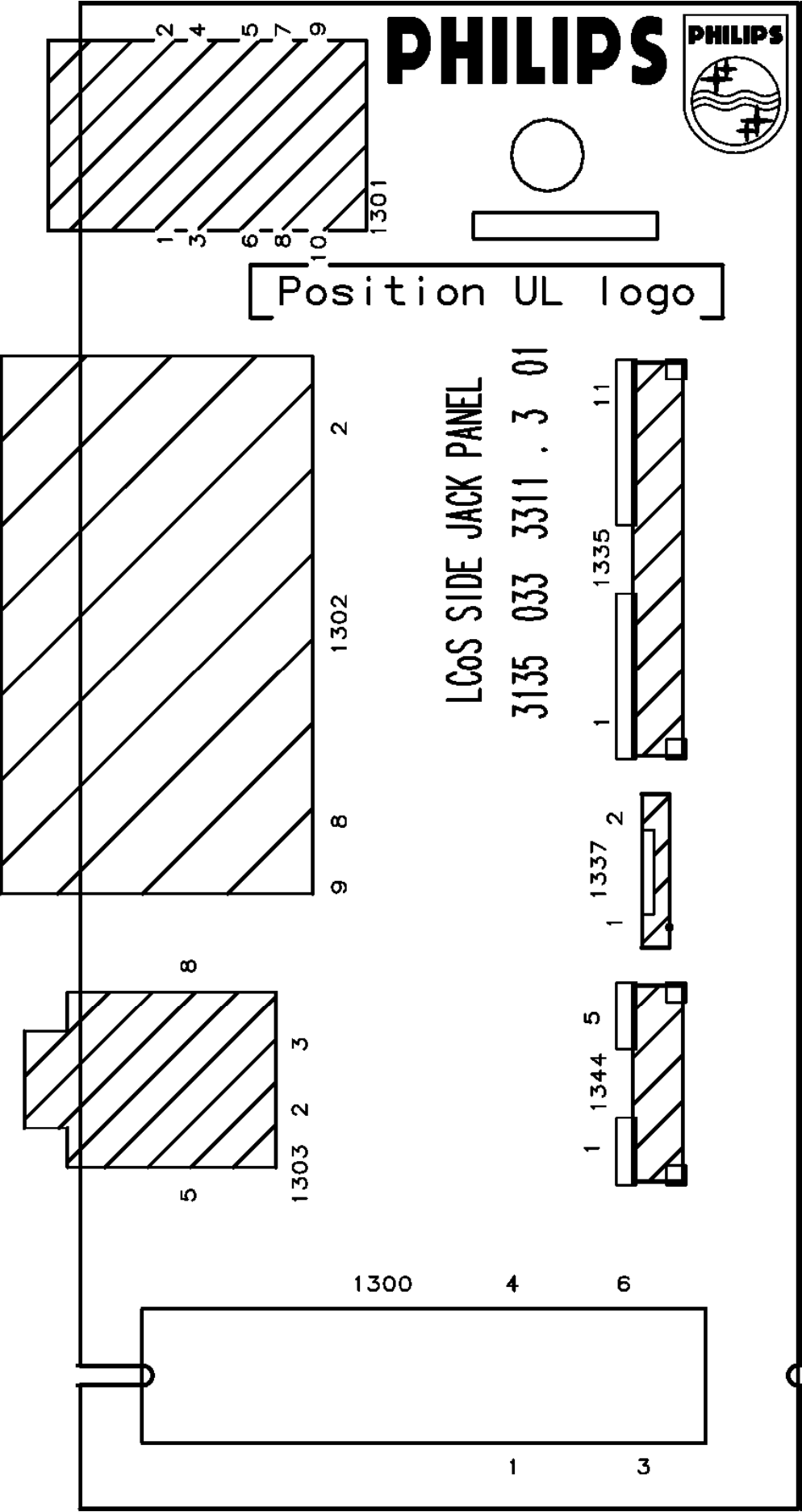
Return to Circuit Board TOC.

[V] REAR JACK PANEL (Bottom View)



Return to Circuit Board TOC.

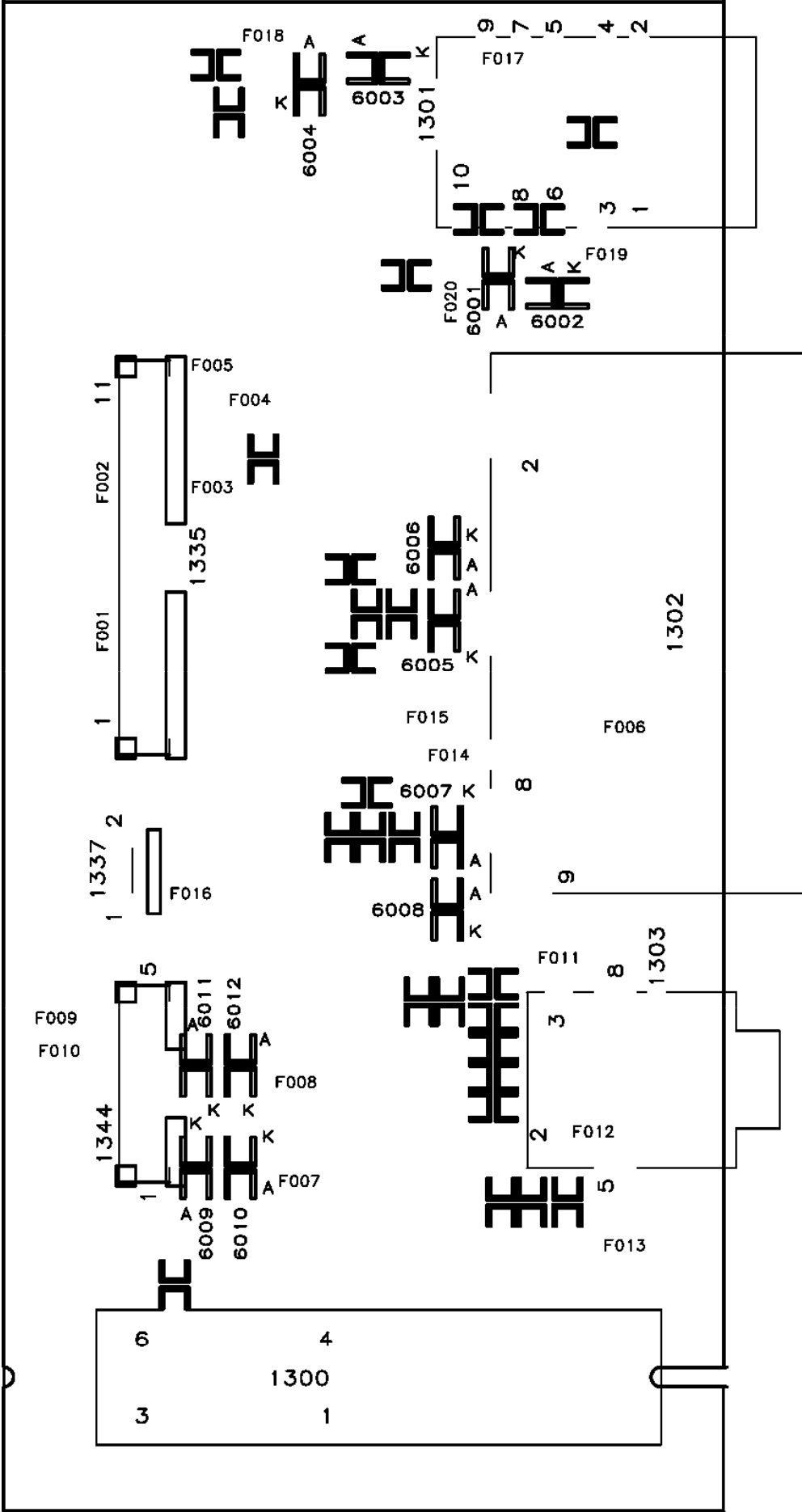
[O1] SIDE JACK PANEL (Top View)



Refer to the next page for Bottom Side View.

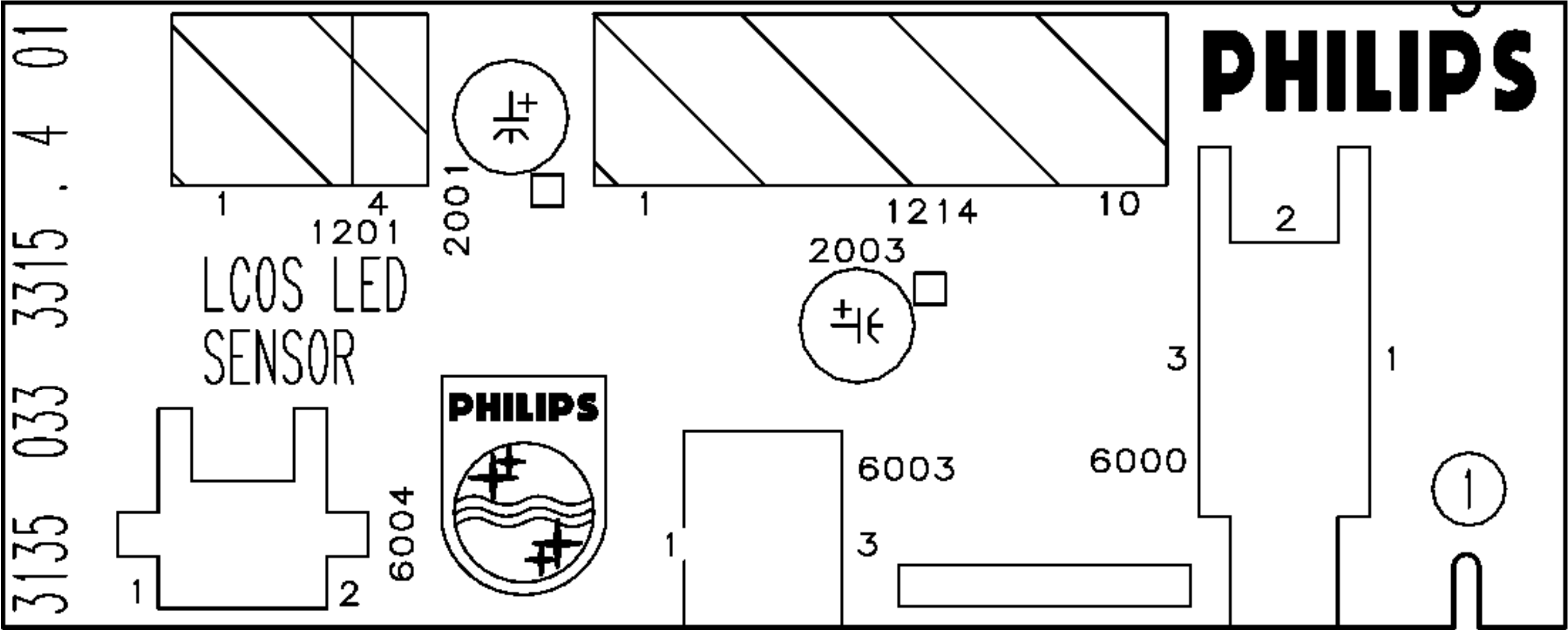
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[O1] SIDE JACK PANEL (Bottom View)



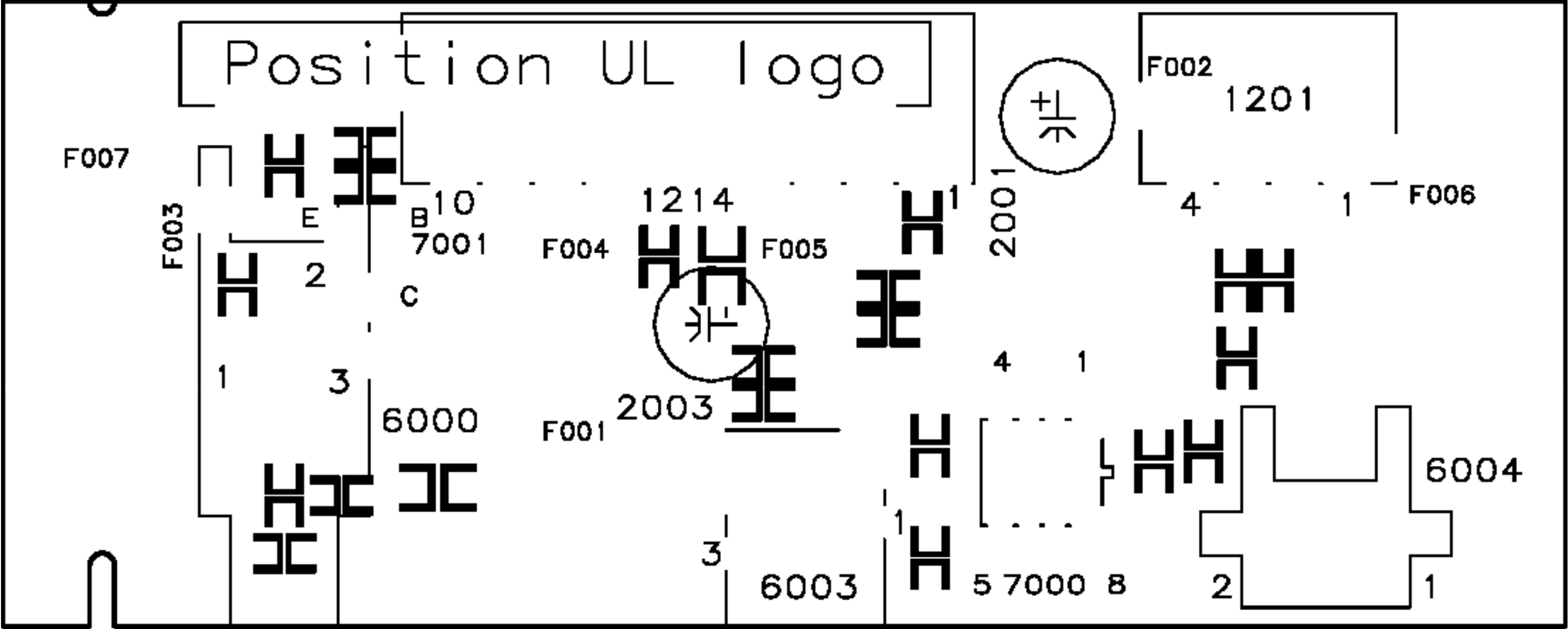
[Return to Circuit Board TOC.](#)

[LS] LED/SENSOR PANEL (Top View)

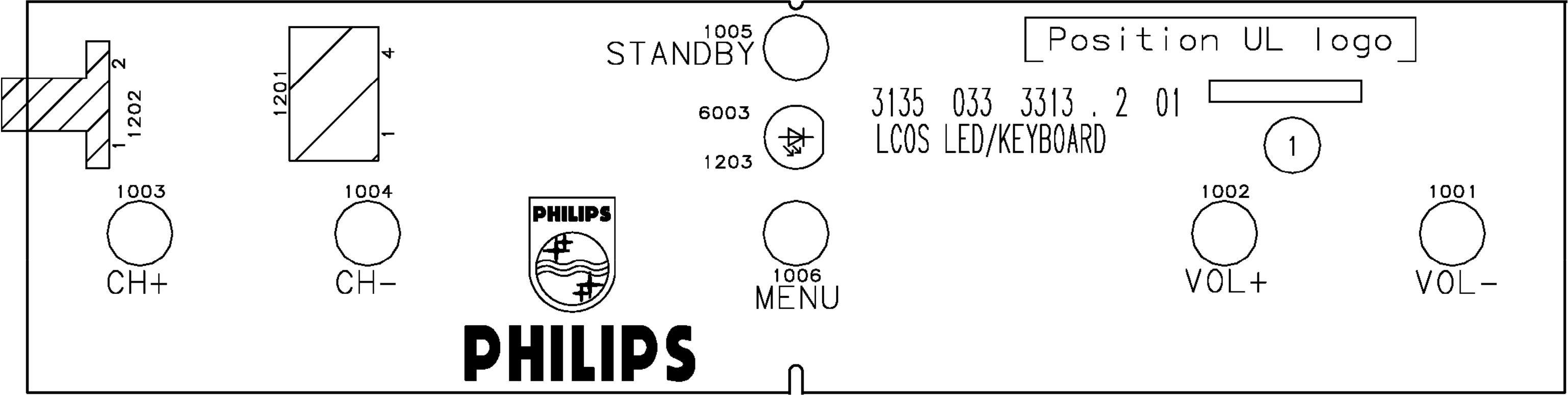


[Return to Circuit Board TOC.](#)

[Refer to the next page for Bottom Side View.](#)



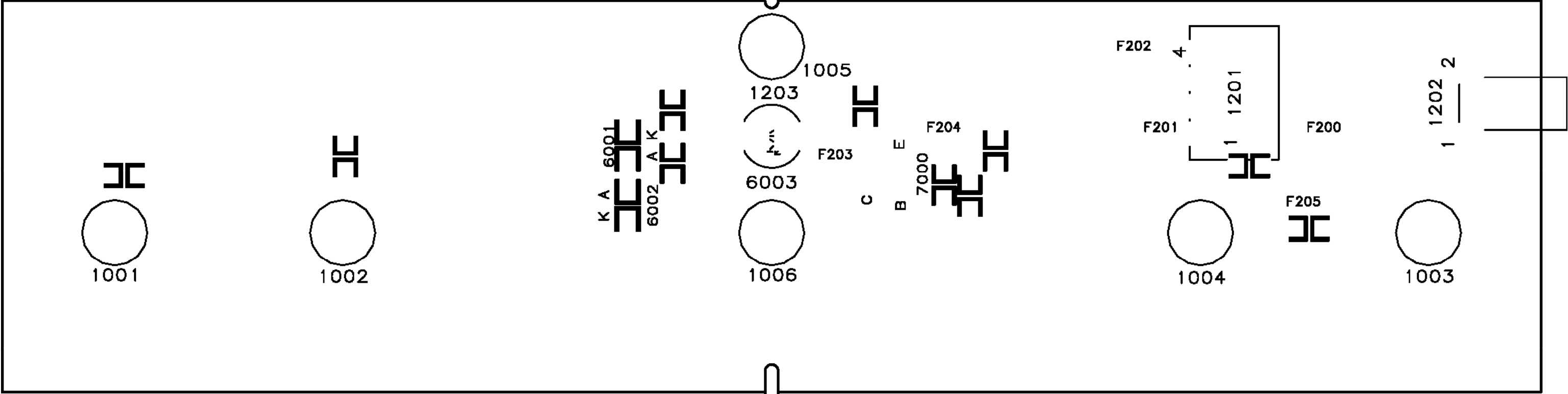
[P1] LED/KEYBOARD PANEL (Top View)



Return to Circuit Board TOC.

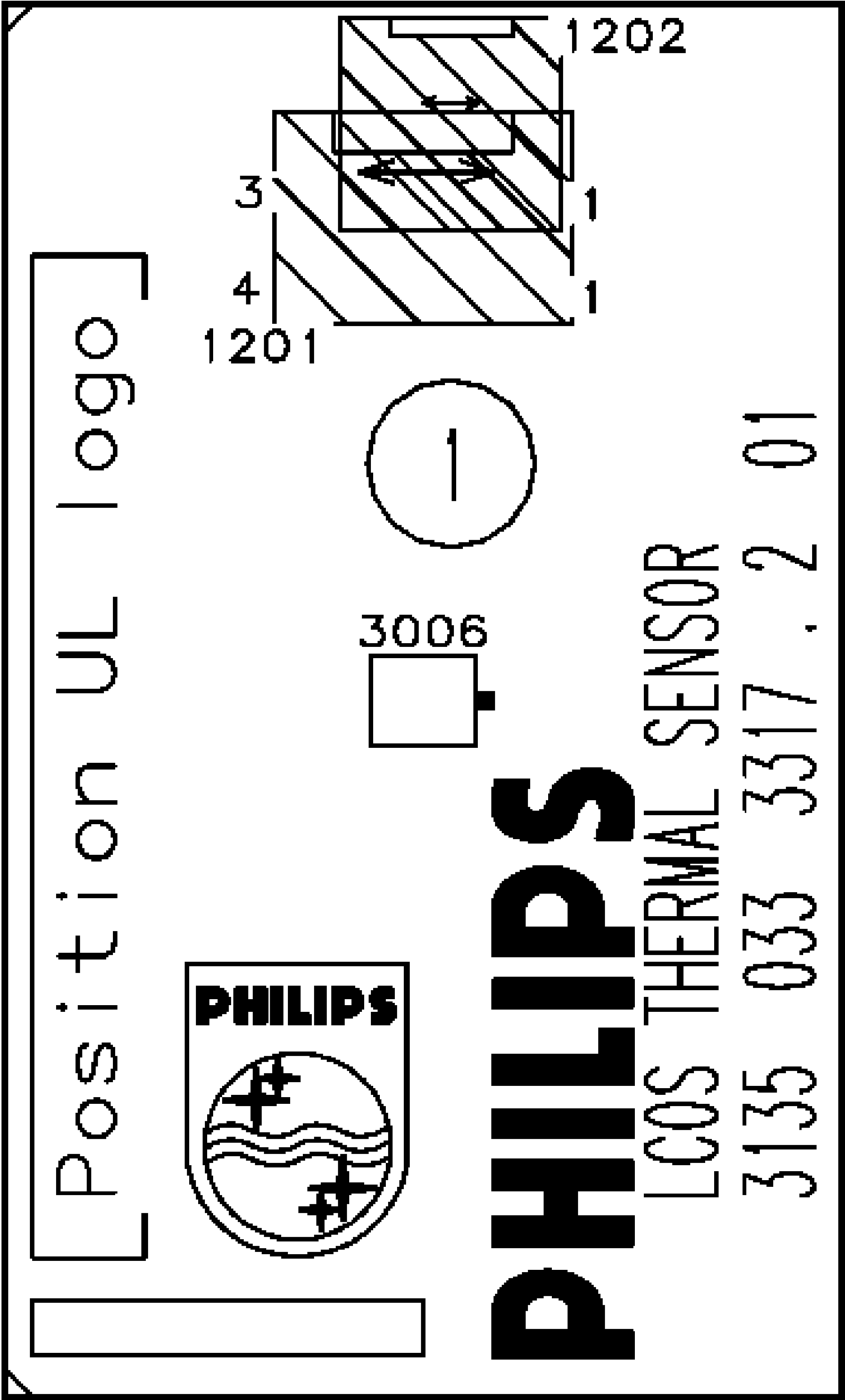
Refer to the next page for Bottom Side View.

[P1] LED/KEYBOARD PANEL (Bottom View)



[Return to Circuit Board TOC.](#)

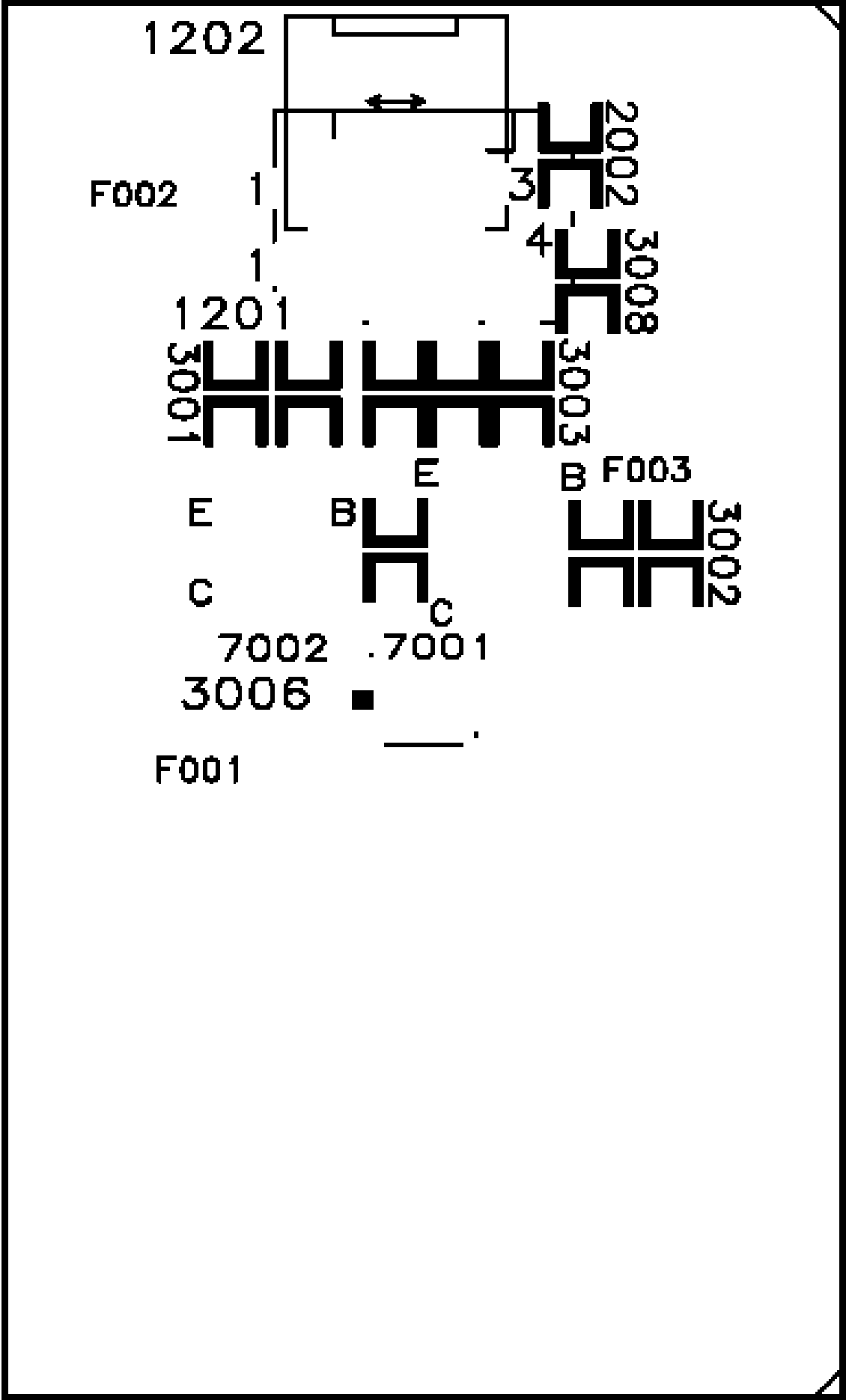
[TS1] THERMAL SENSOR PANEL (Top View)



Refer to the next page for Bottom Side View.

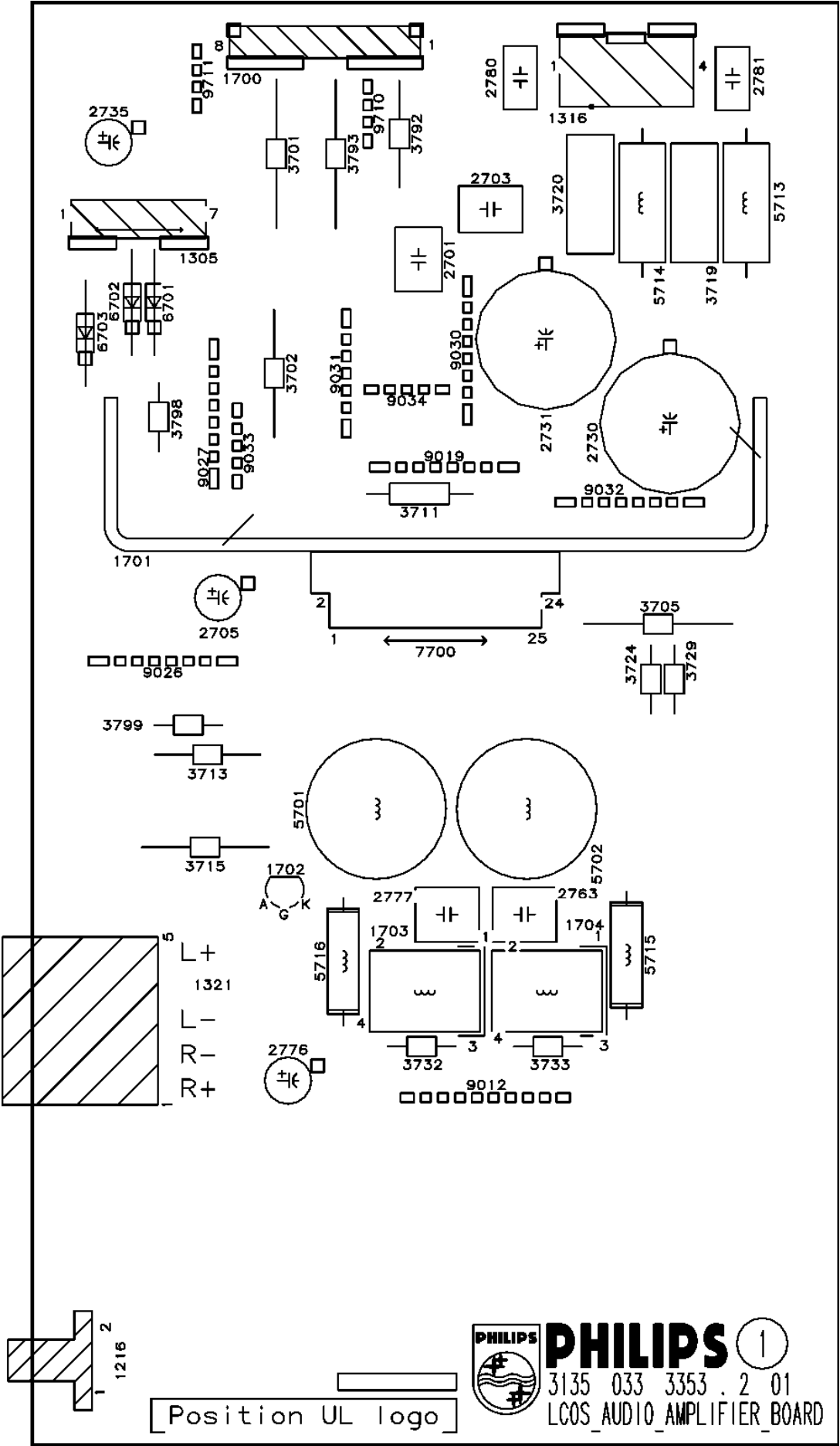
Return to Circuit Board TOC.

[TS1] THERMAL SENSOR PANEL (Bottom View)



[Return to Circuit Board TOC.](#)

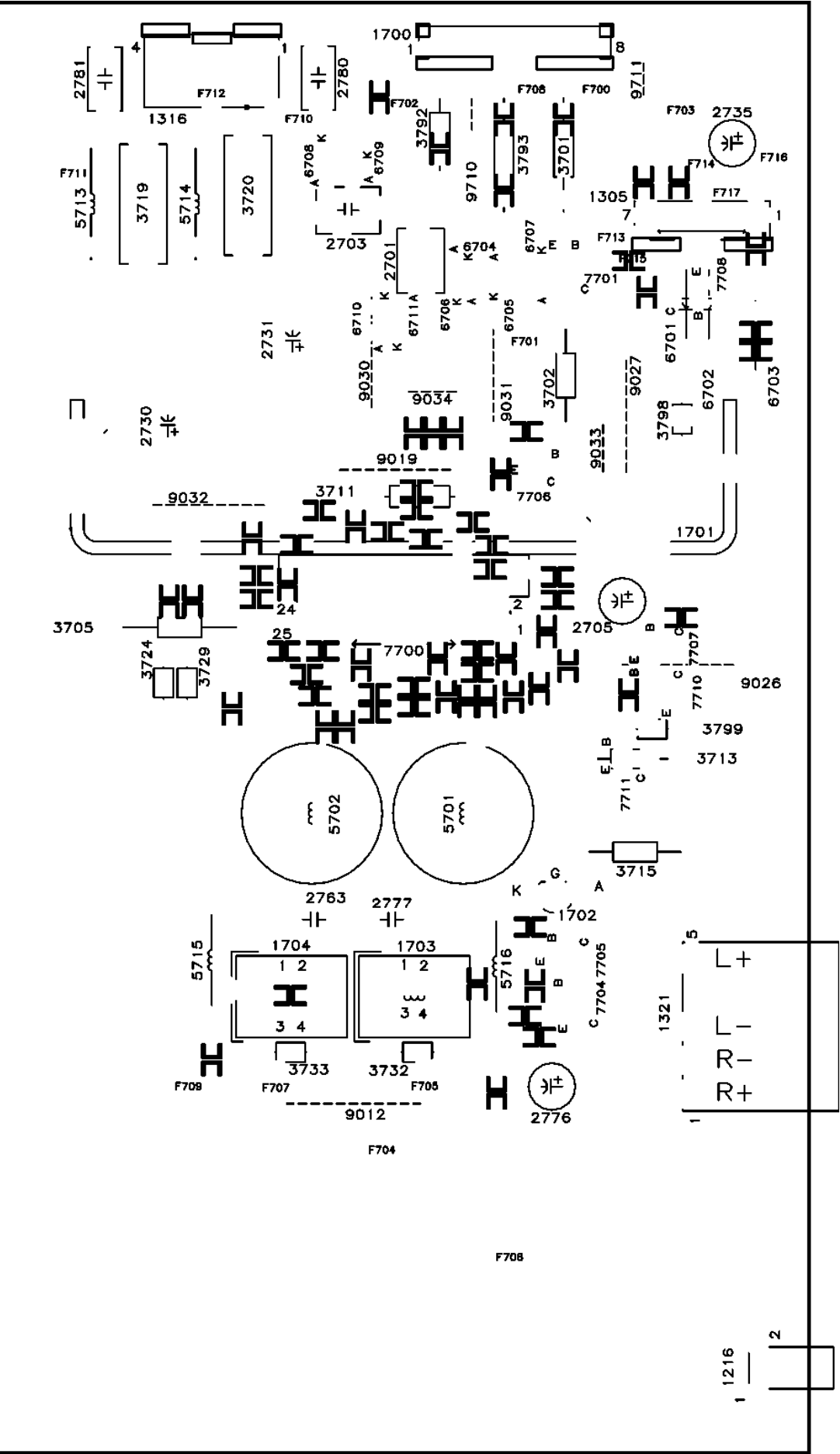
[AA1] AUDIO AMPLIFIER PANEL (Top View)



Refer to the next page for Bottom Side View.

Return to Circuit Board TOC.

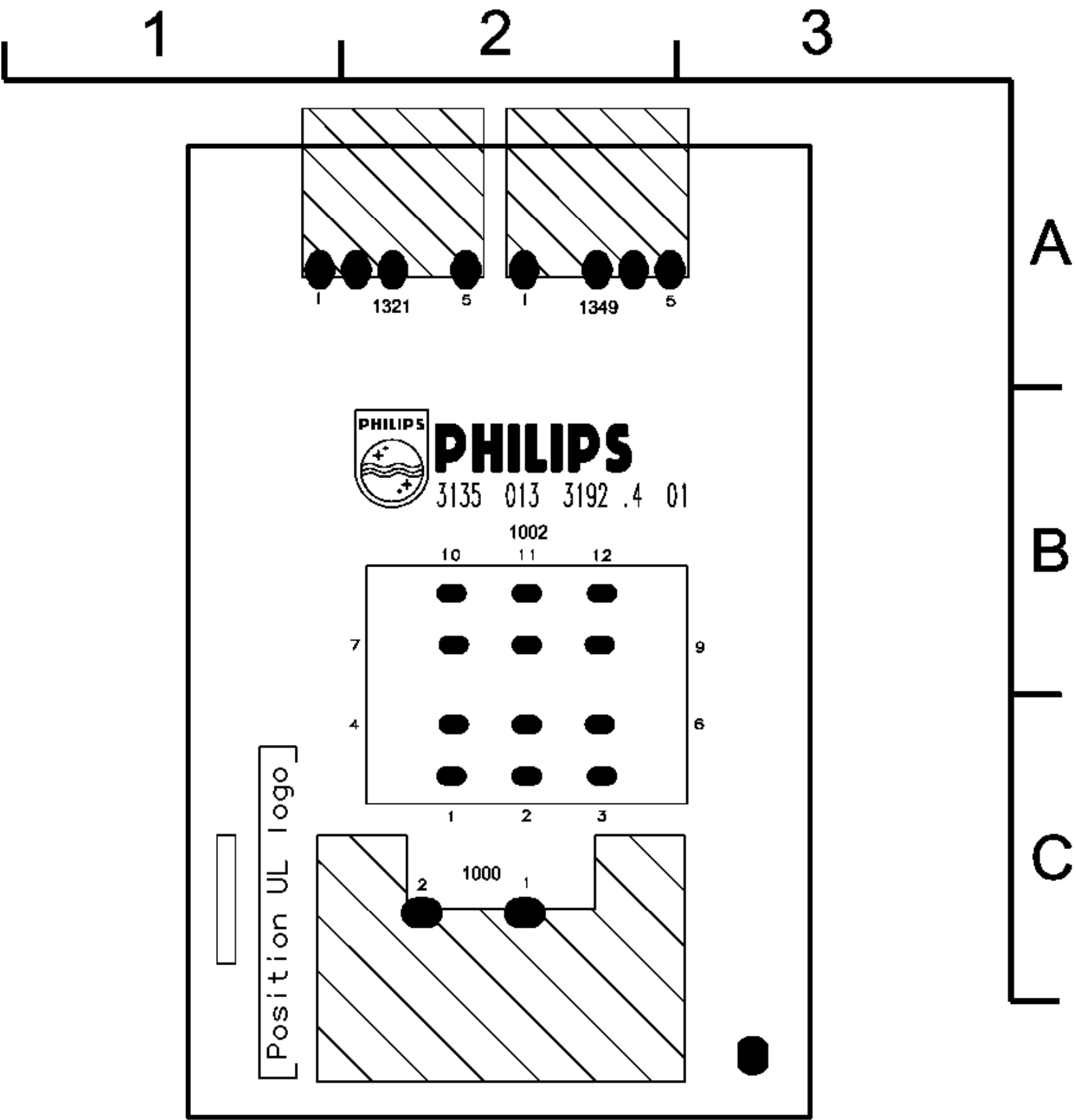
[AA1] AUDIO AMPLIFIER PANEL (Bottom View)



[Return to Circuit Board TOC.](#)

Center Ch. Sw. (Top View)

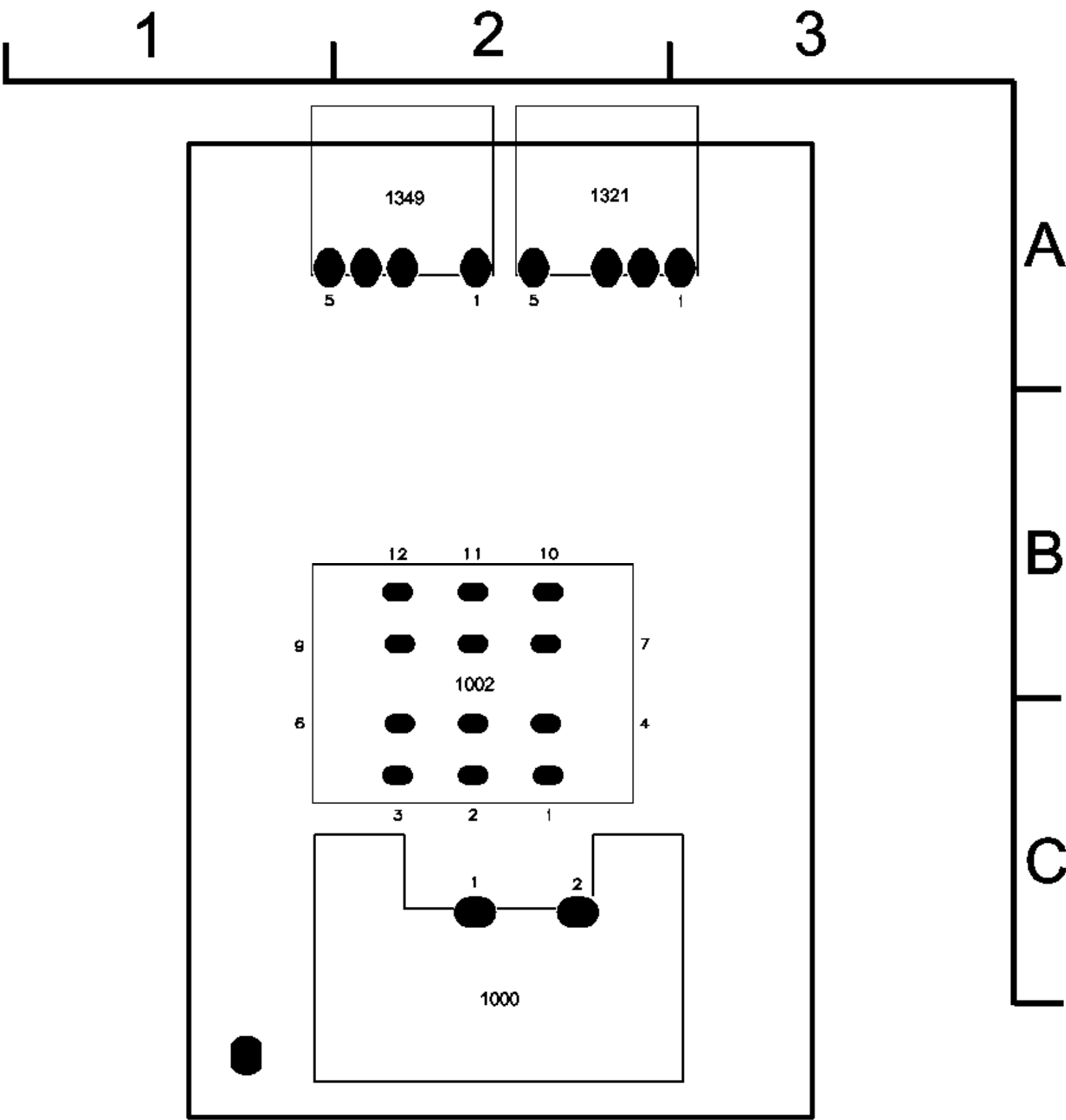
Refer to the next page for Bottom Side View.



- 1000 C2
- 1002 B2
- 1321 A2
- 1349 A2

Return to Circuit Board TOC.

Center Ch. Sw. (Bottom View)



- 1000 C2
- 1002 B2
- 1321 A2
- 1349 A2

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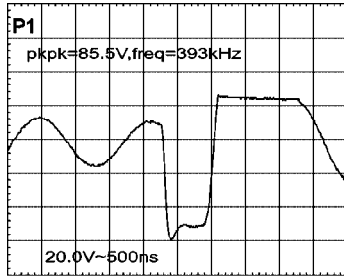
[Return to Index](#)

SCOPE PATTERNS

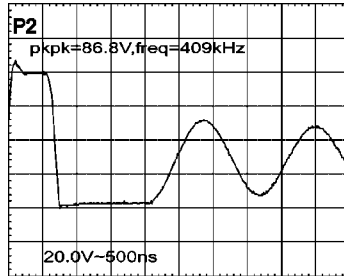
REFER TO SAFETY GUIDELINES

SAFETY NOTICE: ANY PERSON ATTEMPTING TO SERVICE THIS CHASSIS MUST FAMILIARIZE HIMSELF WITH THE CHASSIS AND BE AWARE OF THE NECESSARY SAFETY PRECAUTIONS TO BE USED WHEN SERVICING ELECTRONIC EQUIPMENT CONTAINING HIGH VOLTAGES.

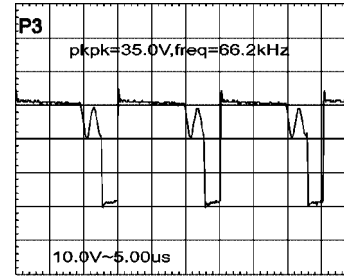
CAUTION: USE A SEPARATE ISOLATION TRANSFORMER FOR THIS UNIT WHEN SERVICING



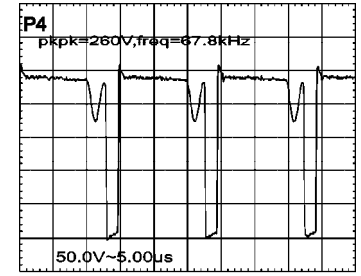
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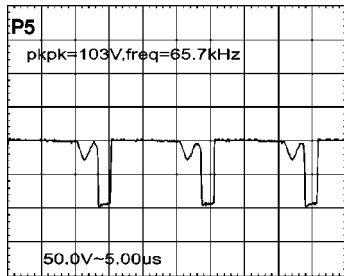
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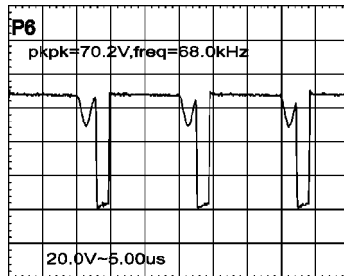
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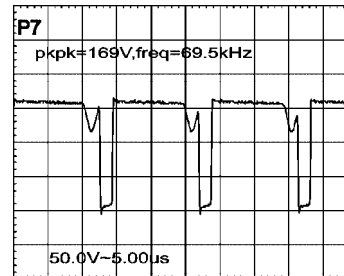
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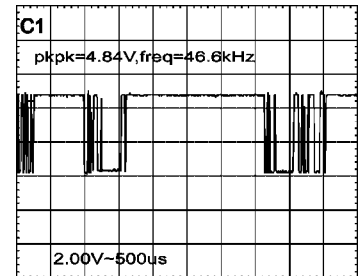
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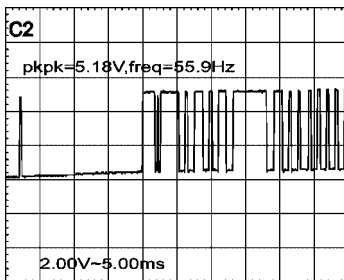
P6



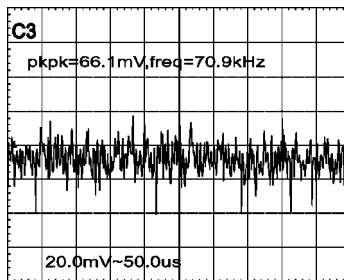
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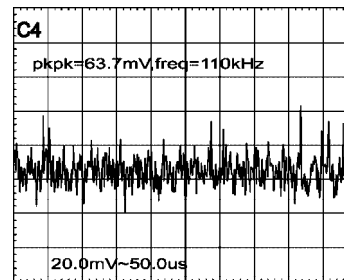
C1



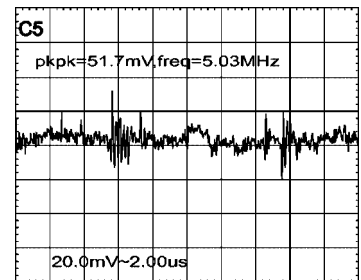
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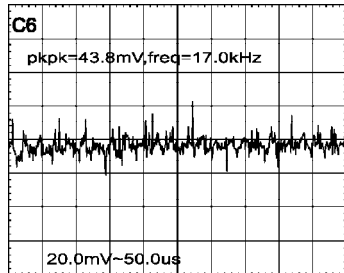
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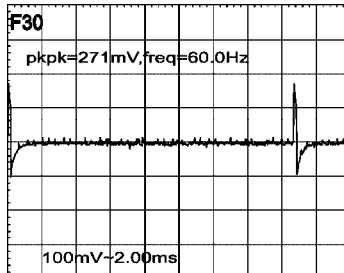
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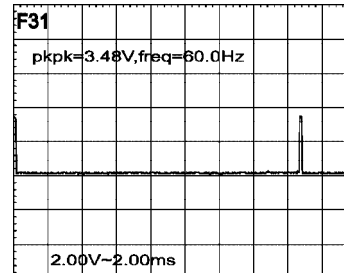
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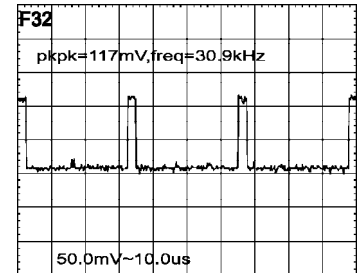
C6



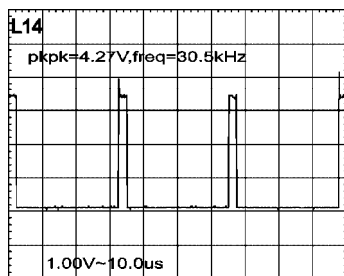
F30



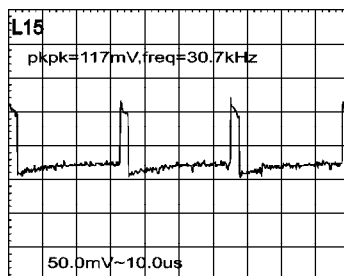
F31



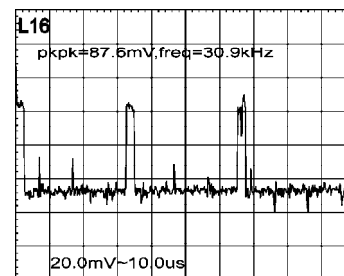
F32



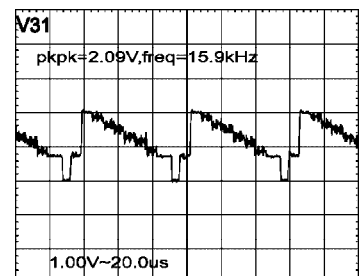
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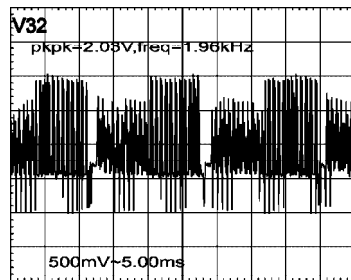
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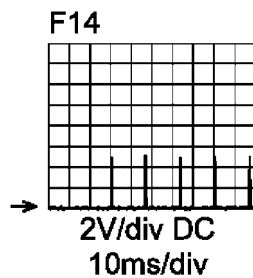
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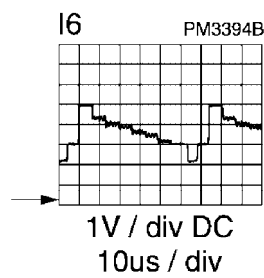
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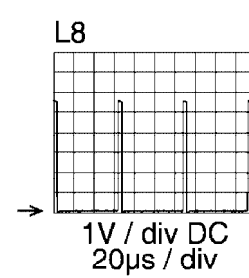
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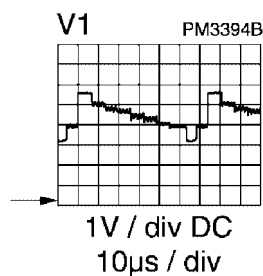
F14



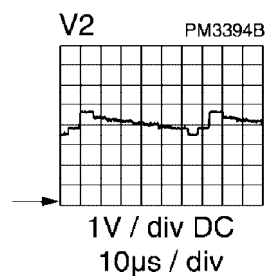
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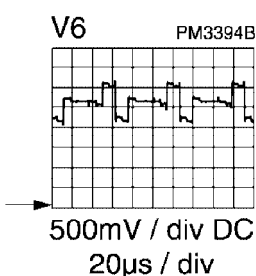
L 8



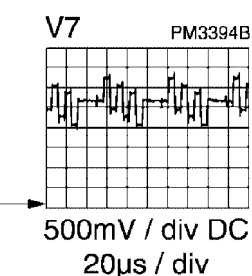
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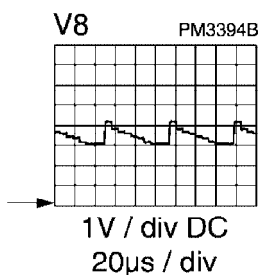
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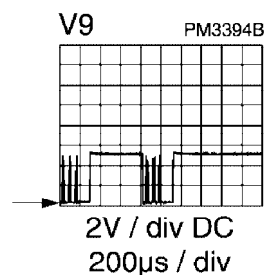
V 6



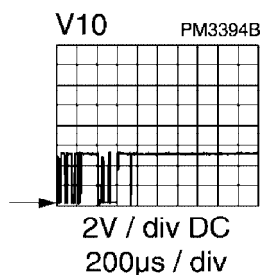
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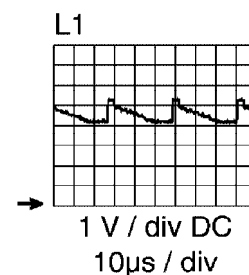
V 8



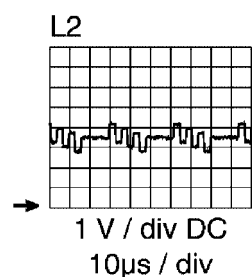
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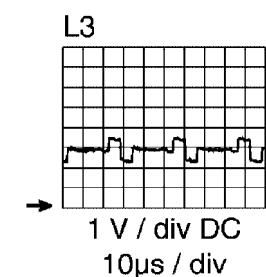
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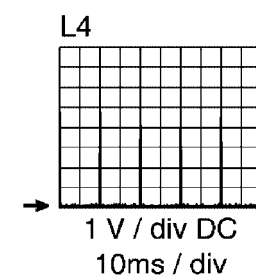
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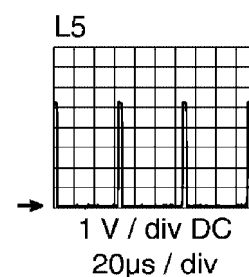
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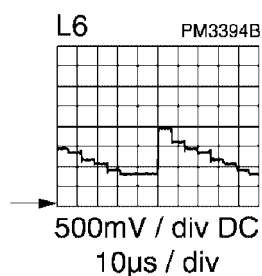
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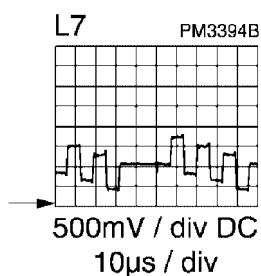
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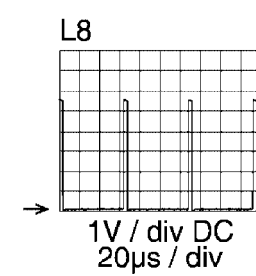
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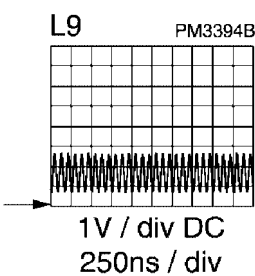
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L7

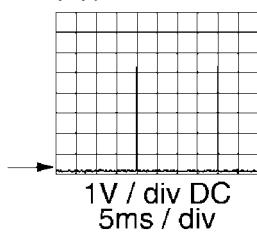


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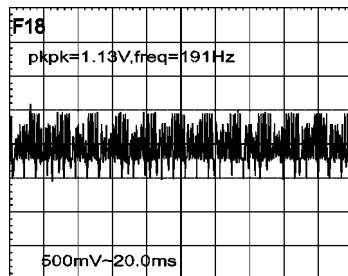
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F17



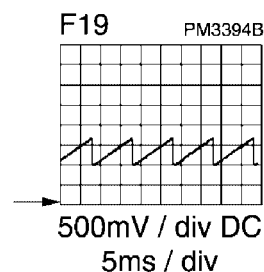
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F18



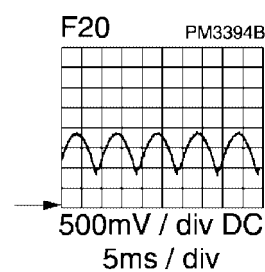
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F19



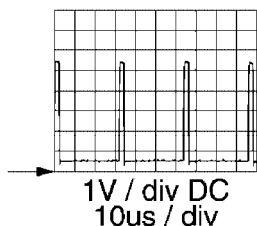
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F20



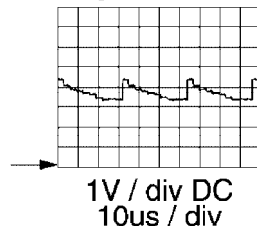
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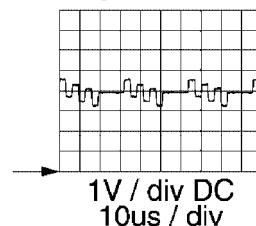
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V19



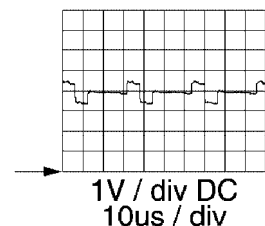
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V20



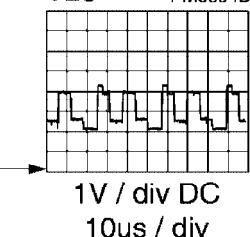
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V21



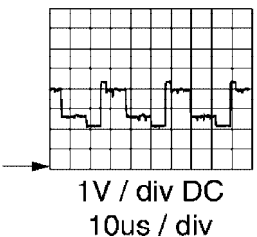
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V28



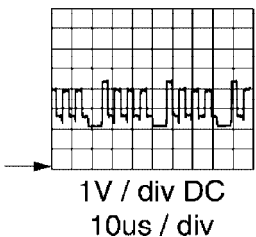
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V29



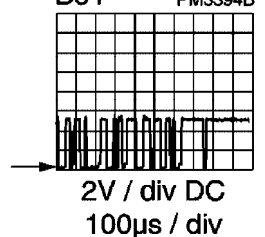
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V30



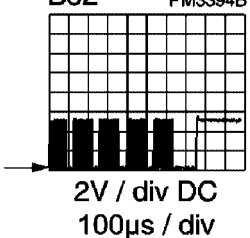
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B51



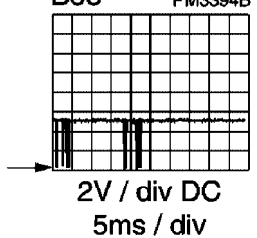
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B52



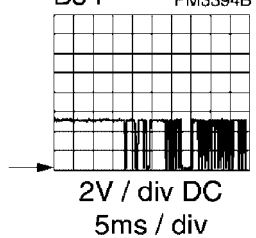
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B53



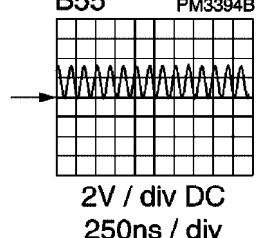
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B54



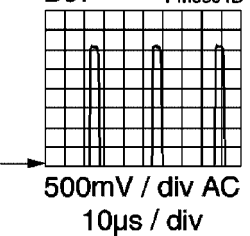
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B55



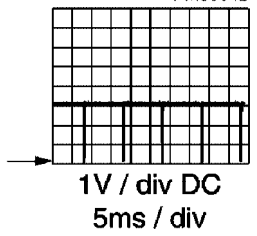
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B57



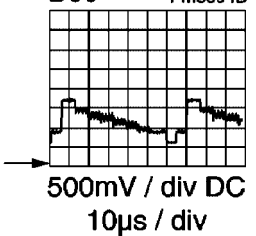
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B58



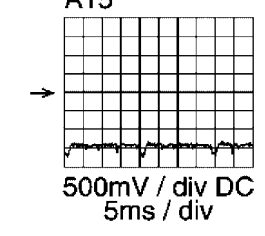
B58

B60

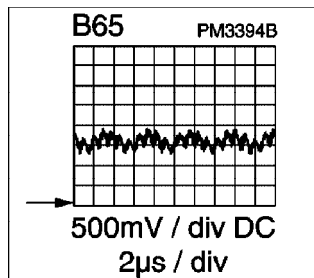


B60

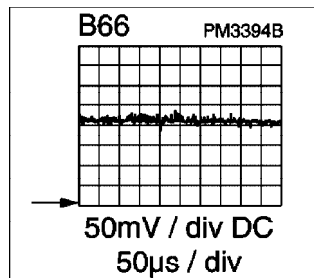
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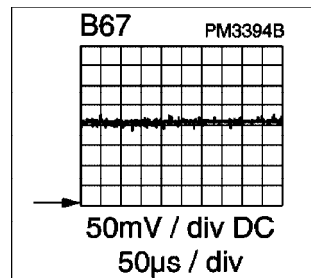
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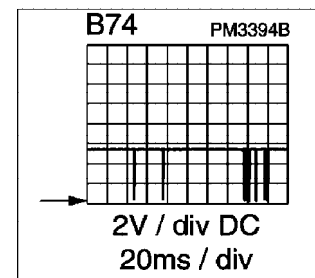
B65



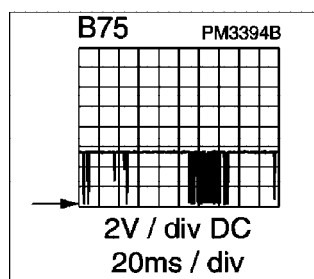
B66



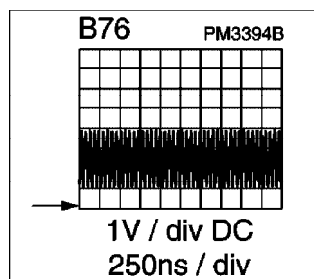
B67



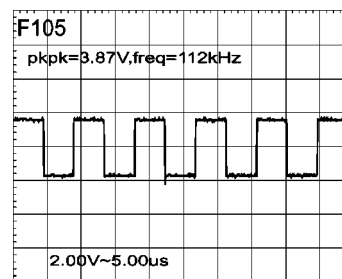
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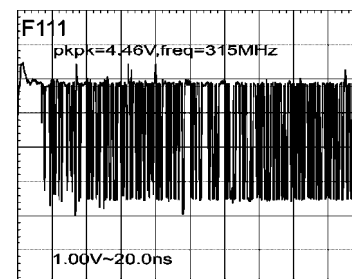
B75



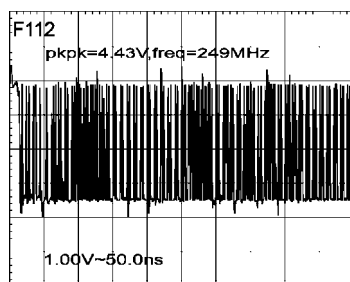
B76



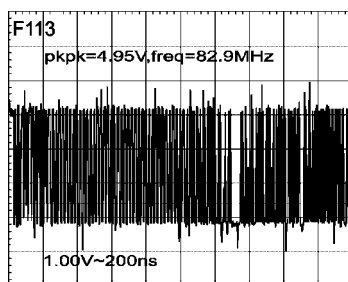
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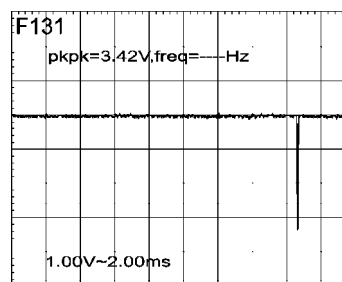
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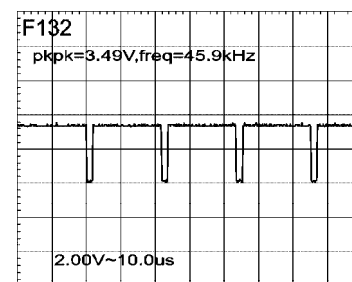
F112



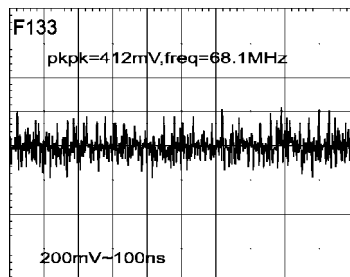
F113



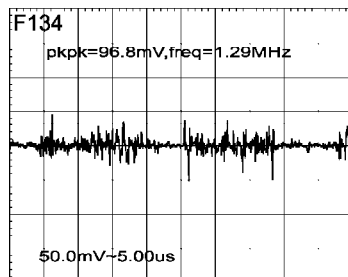
F131



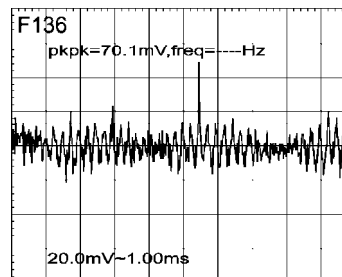
F132



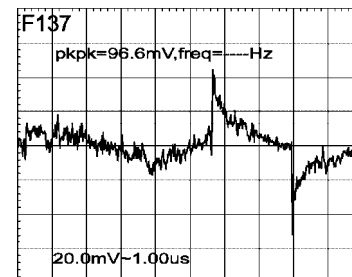
F133



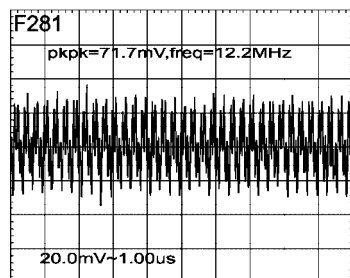
F134



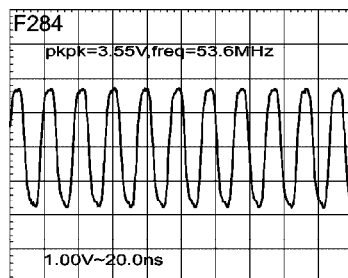
F136



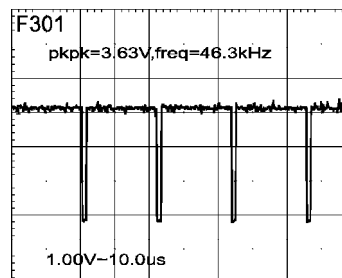
F137



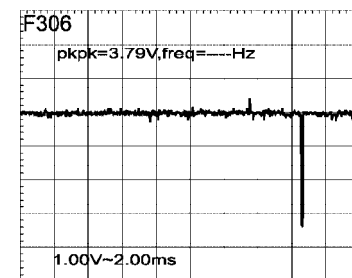
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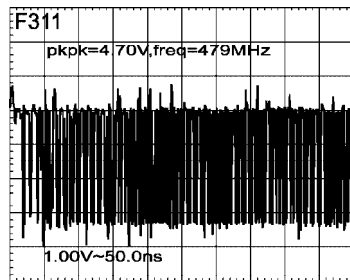
F284



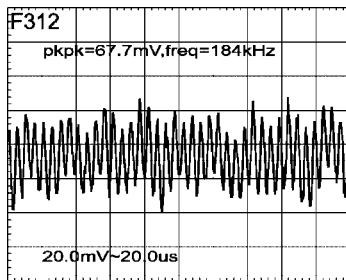
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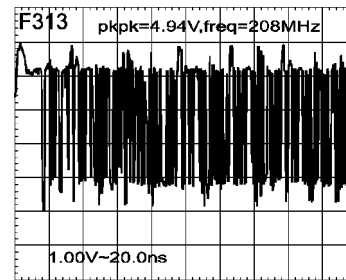
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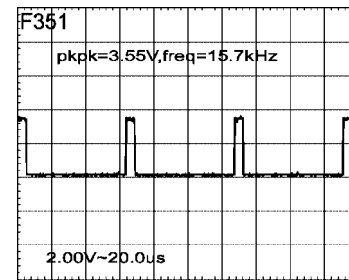
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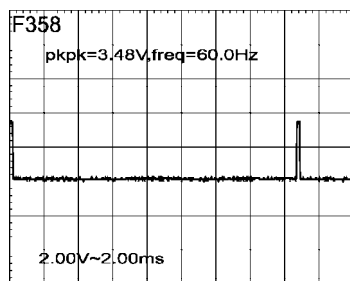
F312



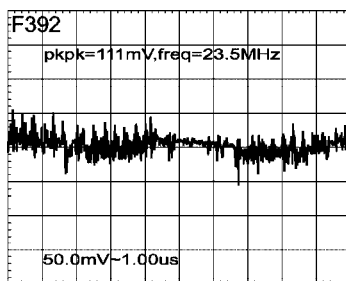
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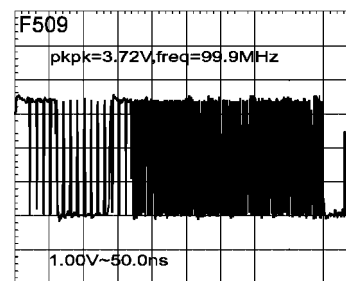
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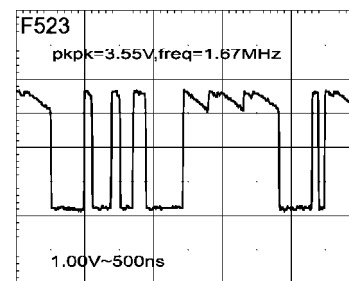
F358



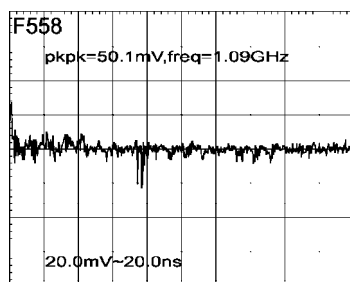
F392



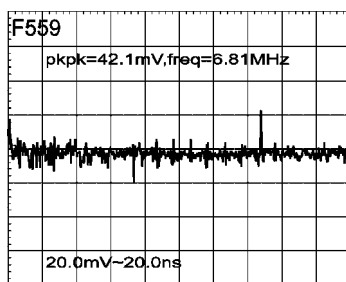
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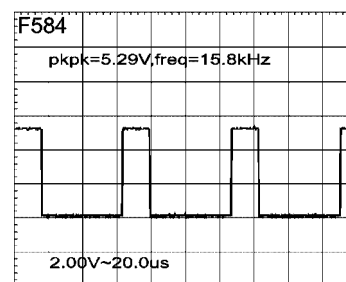
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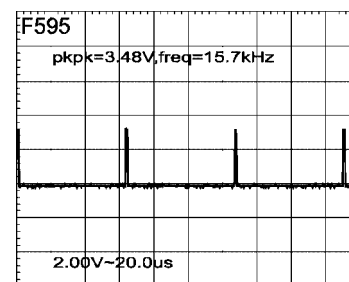
F558



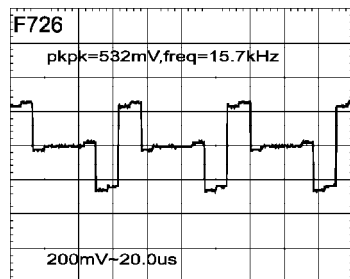
F559



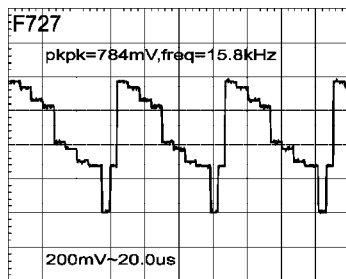
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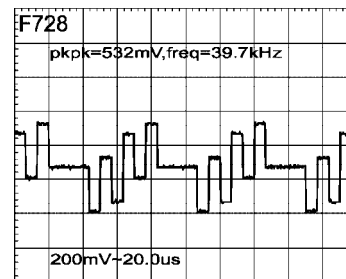
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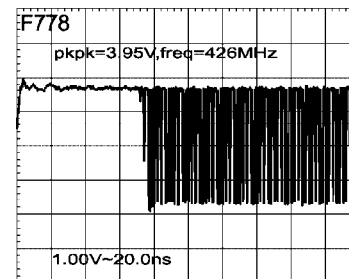
F726



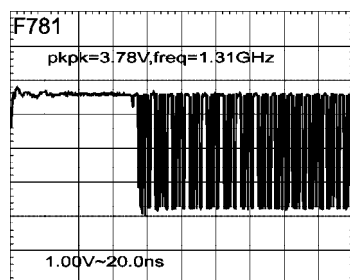
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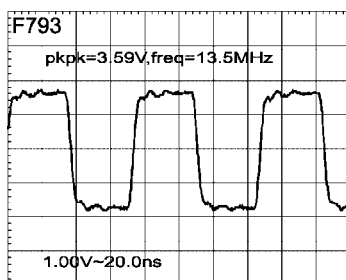
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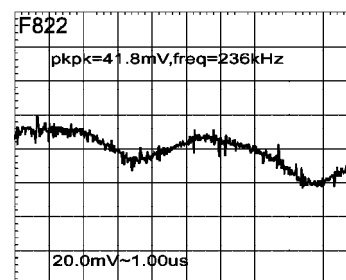
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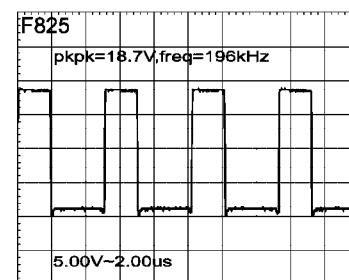
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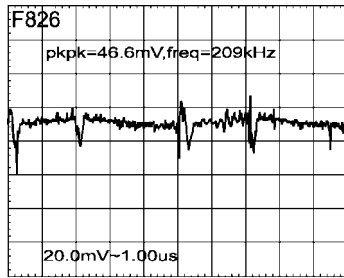
F793



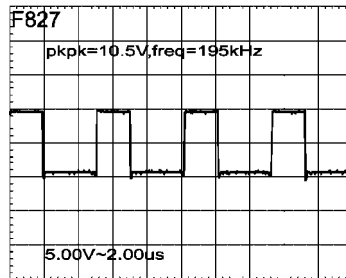
F822



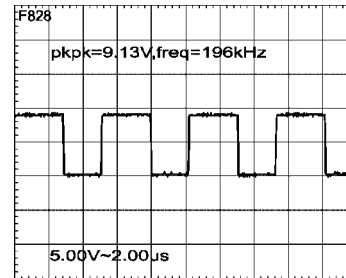
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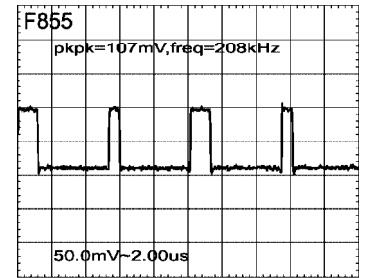
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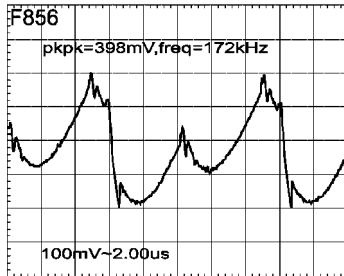
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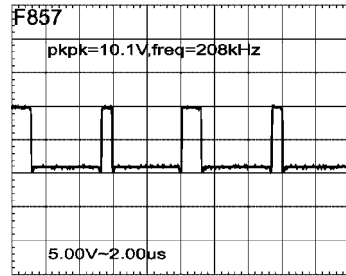
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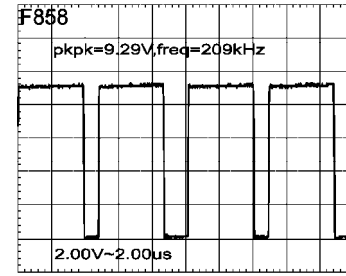
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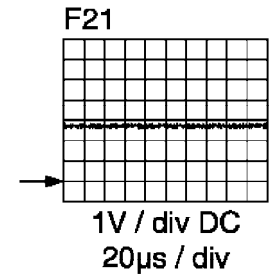
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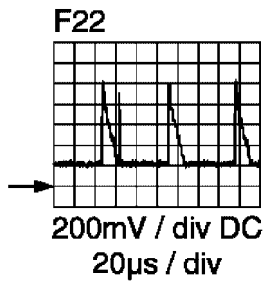
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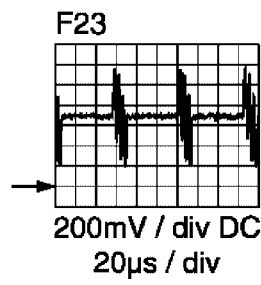
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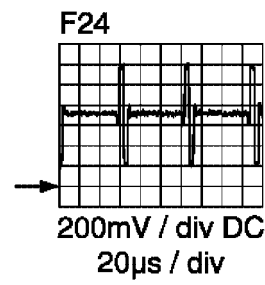
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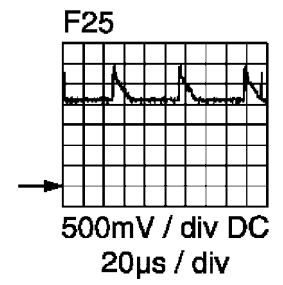
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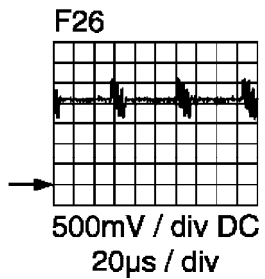
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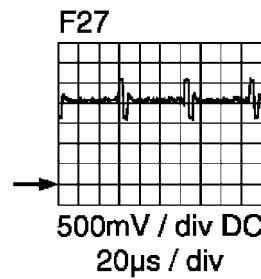
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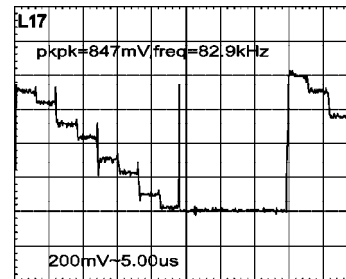
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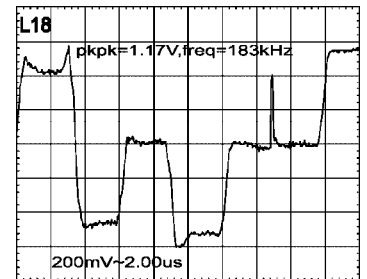
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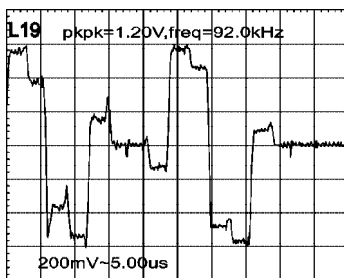
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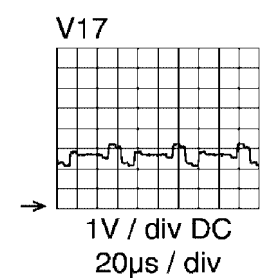
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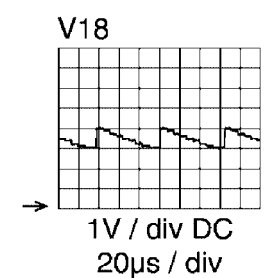
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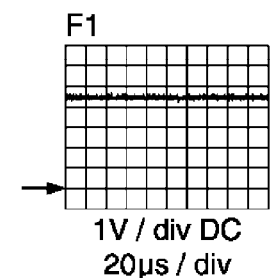
L19



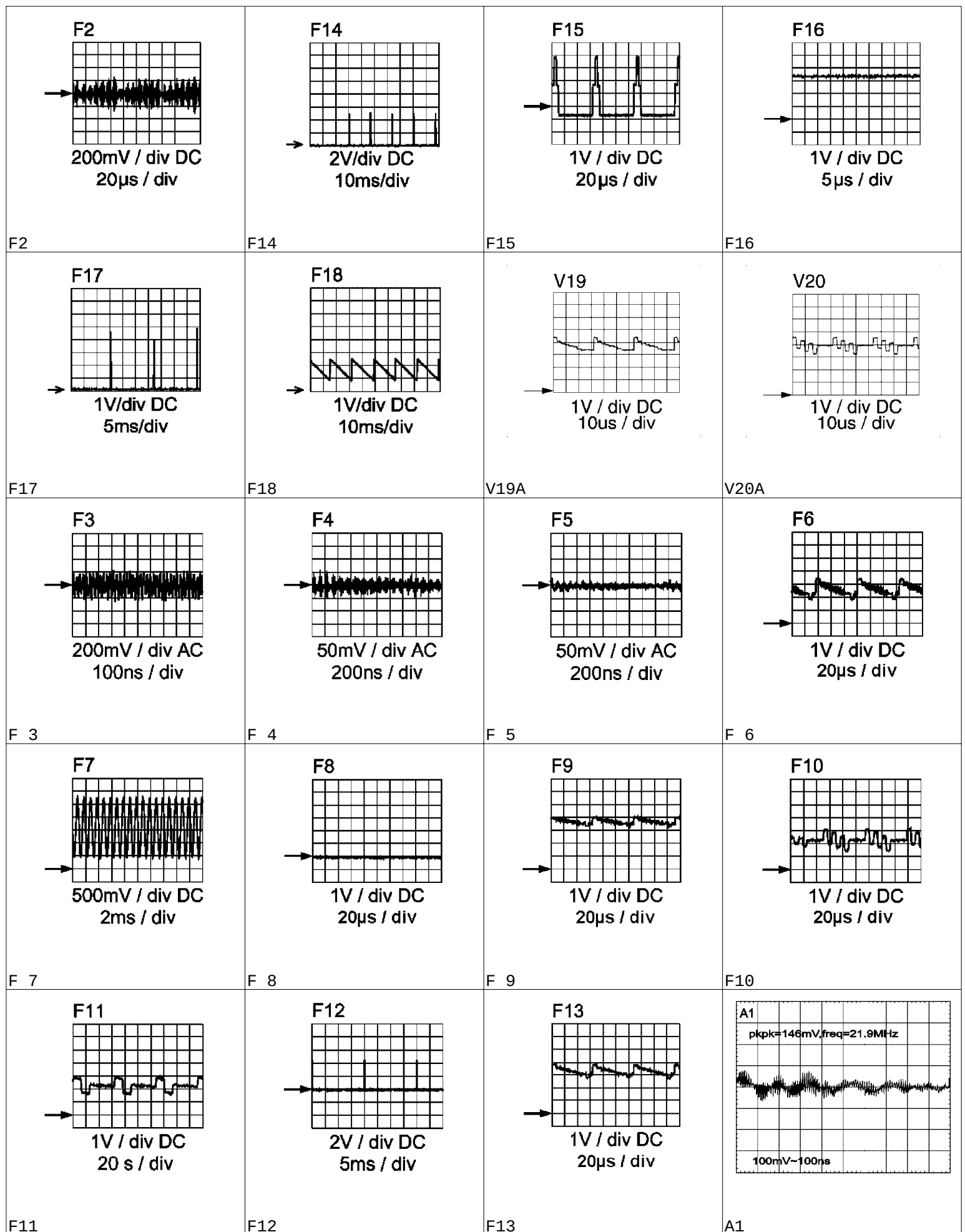
V17A

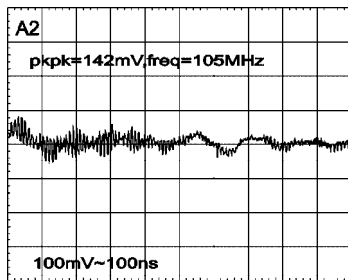


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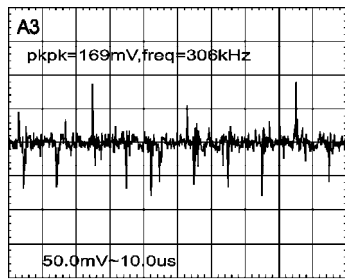


F1

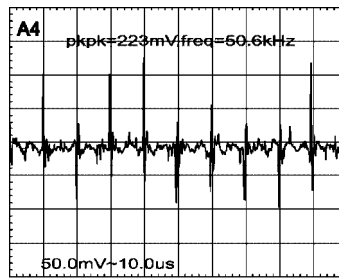




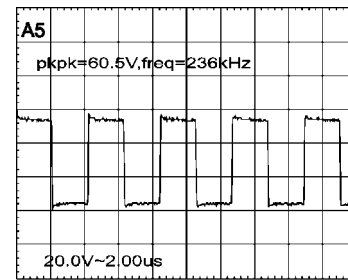
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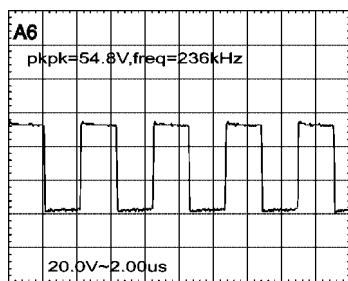
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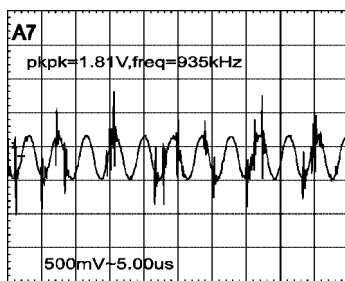
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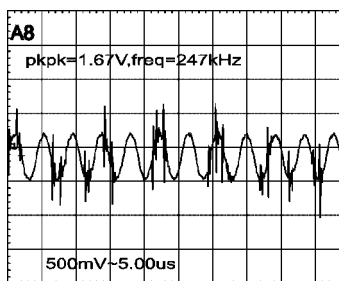
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A6



A7



A8

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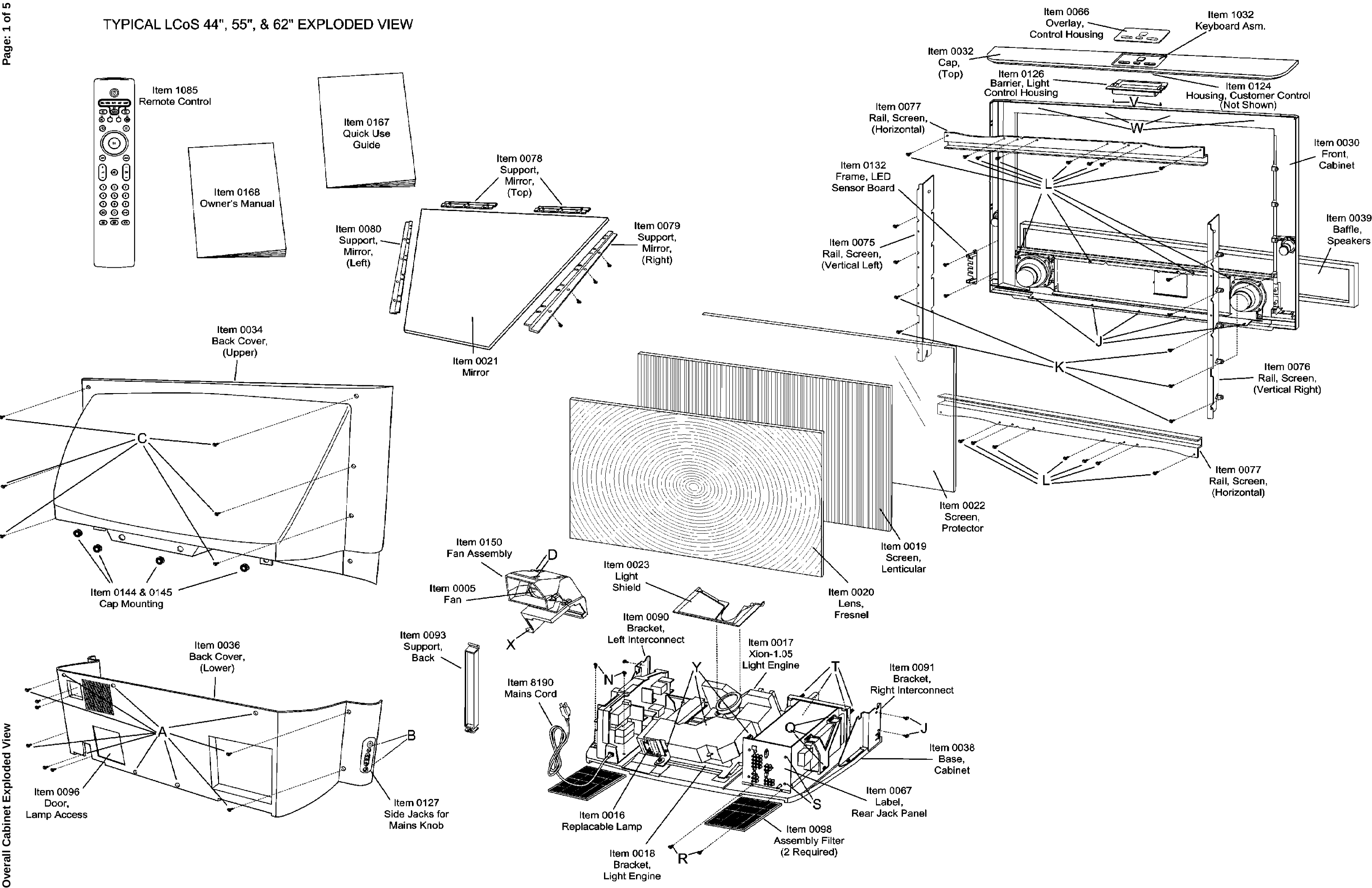
MECHANICAL DIAGRAMS

REFER TO SAFETY GUIDELINES

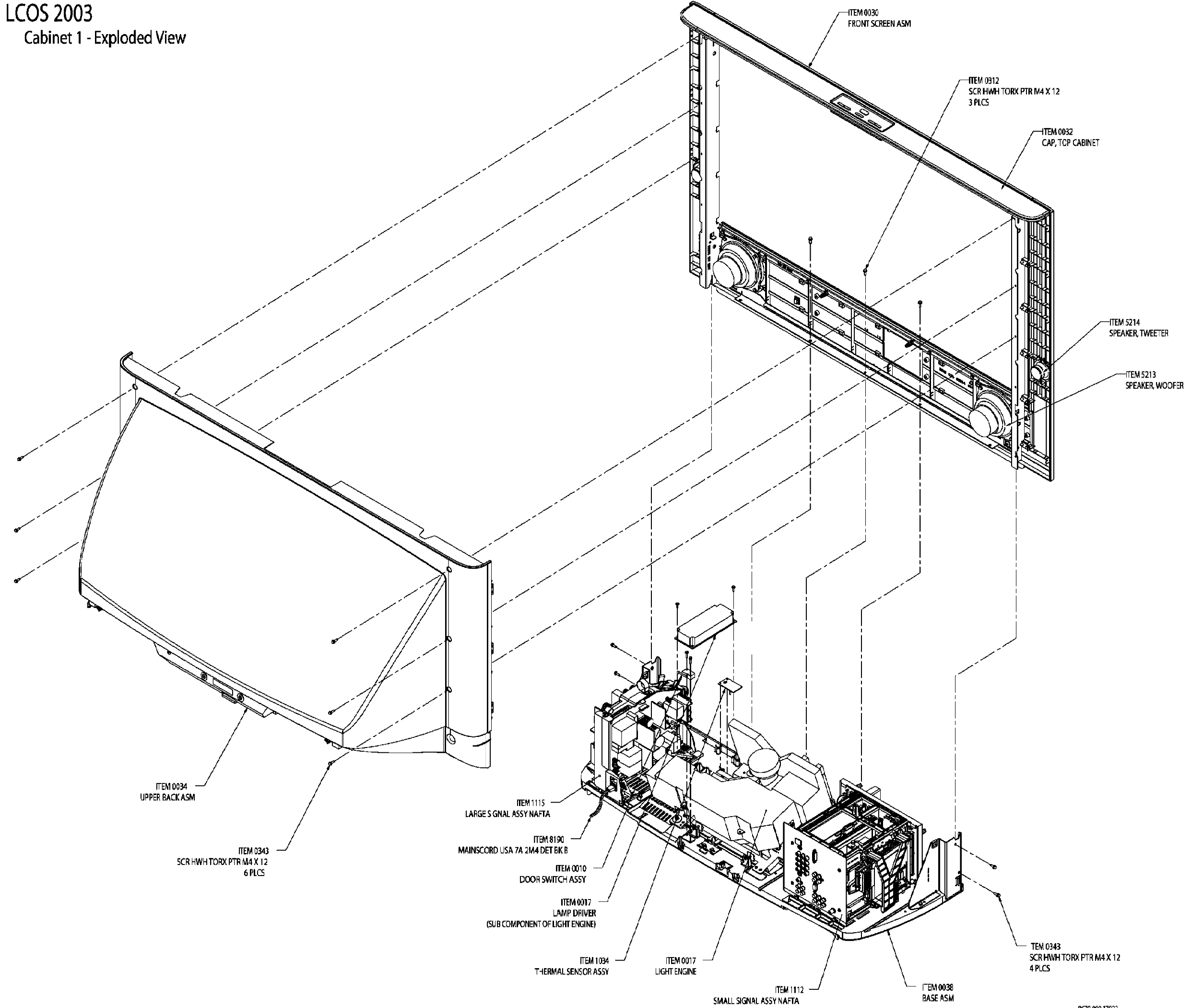
SAFETY NOTICE: ANY PERSON ATTEMPTING TO SERVICE THIS CHASSIS MUST FAMILIARIZE HIMSELF WITH THE CHASSIS AND BE AWARE OF THE NECESSARY SAFETY PRECAUTIONS TO BE USED WHEN SERVICING ELECTRONIC EQUIPMENT CONTAINING HIGH VOLTAGES.

CAUTION: USE A SEPARATE ISOLATION TRANSFORMER FOR THIS UNIT WHEN SERVICING

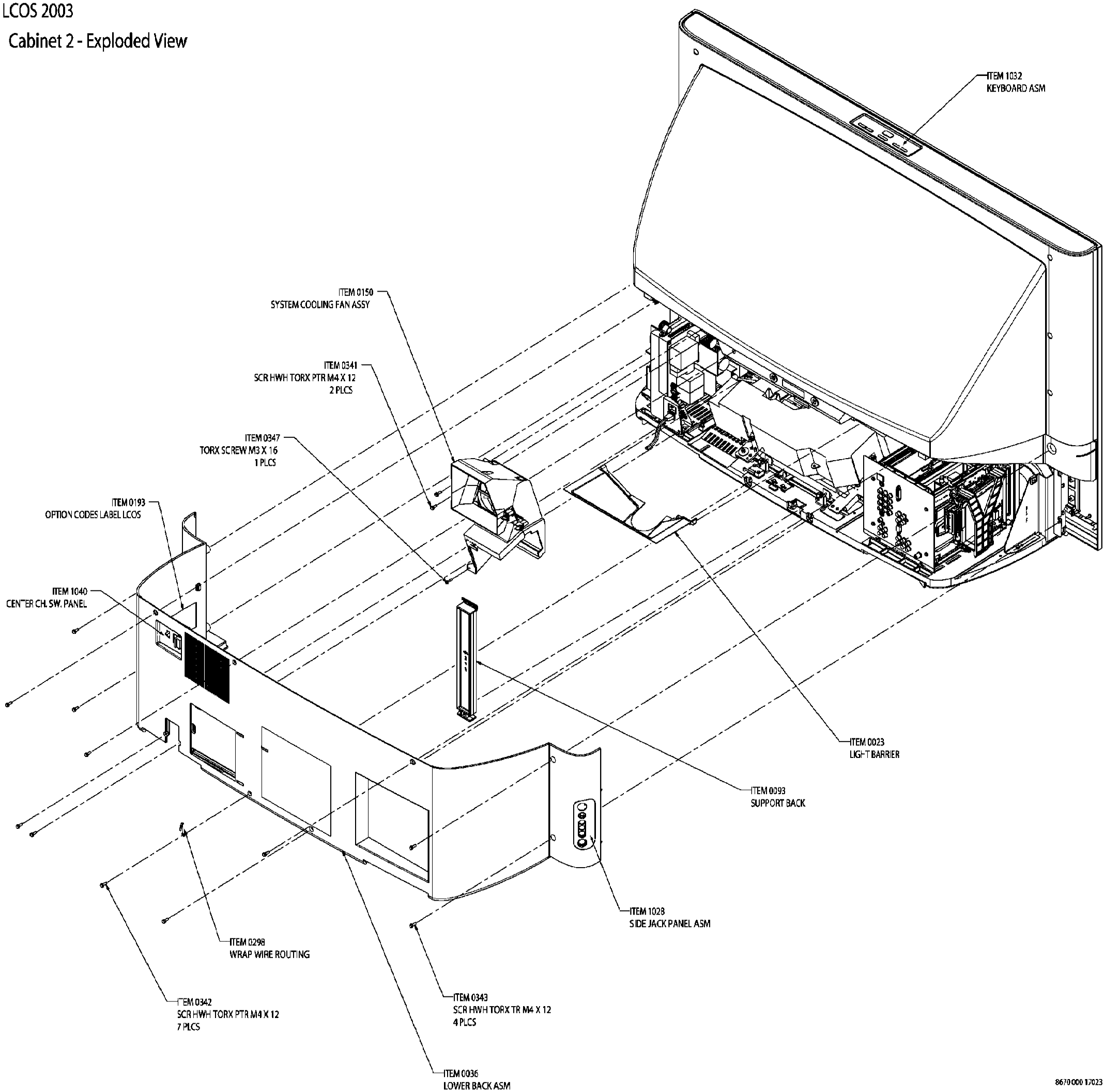
TYPICAL LCoS 44", 55", & 62" EXPLODED VIEW



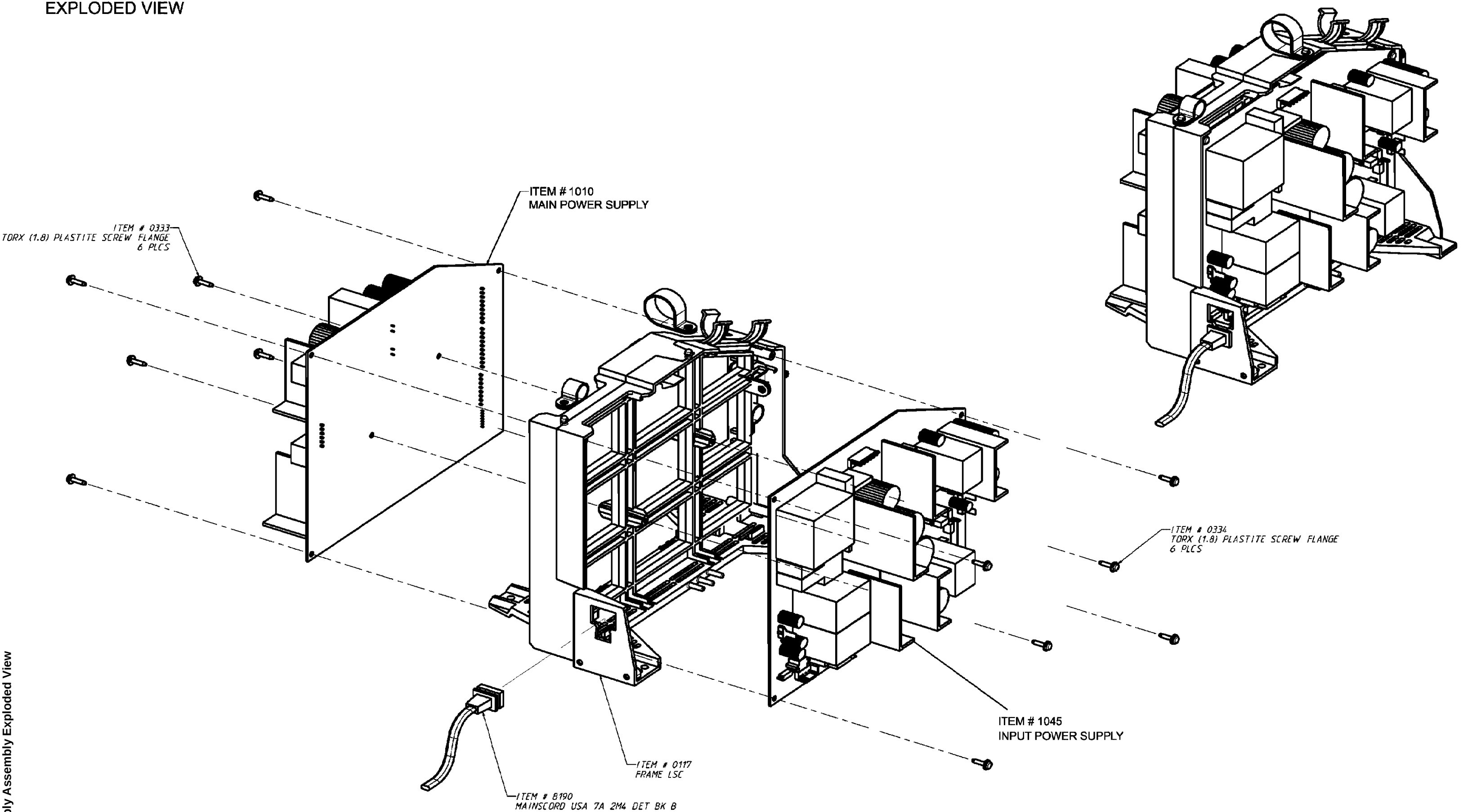
LCOS 2003
Cabinet 1 - Exploded View



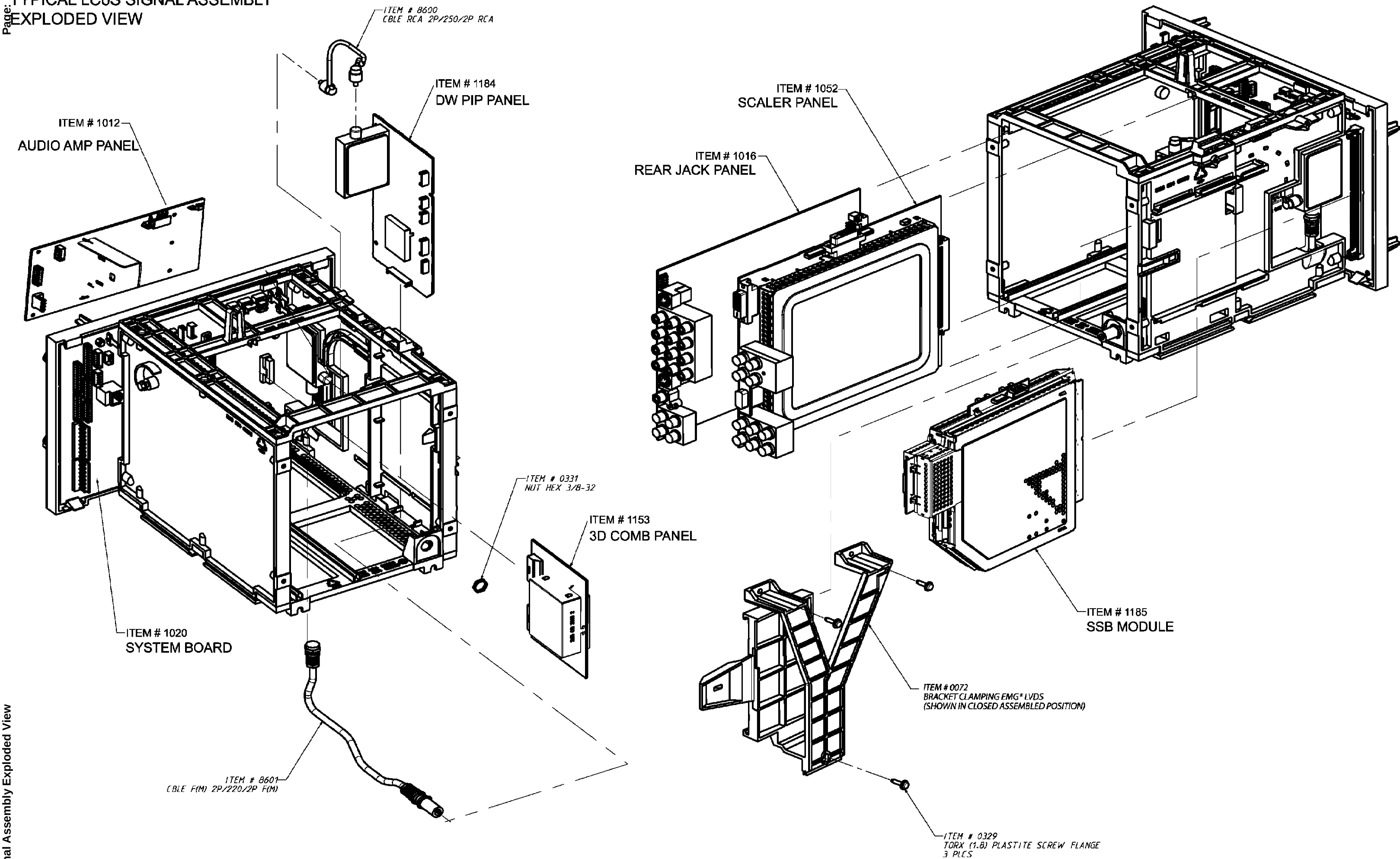
LCOS 2003
Cabinet 2 - Exploded View



TYPICAL LCoS POWER ASSEMBLY
EXPLODED VIEW



TYPICAL LCoS SIGNAL ASSEMBLY
EXPLODED VIEW



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Cabinet & Accessory Parts

REFER TO SAFETY GUIDELINES

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LAMP DRIVER PANEL

LAMP DRIVER PANEL
LAMP DRIVER PANEL 9137 001 77405

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3D Comb Filter Panel Parts
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2001 Cap, 100n, 10%, 16v, Ceramic 3198 017 31040
2002 Cap, 47u, 20%, 20v, Electrolytic 3198 032 58170
2003 Cap, 22p, 5%, 50v, Ceramic 3198 016 32290
2004 Cap, 100u, 20%, 16v, Electrolytic. 3198 030 41010
2005 Cap, 100n, 10%, 16v, Ceramic 3198 017 31040
2006 Cap, 47u, 20%, 20v, Electrolytic 3198 032 58170
2008 Cap, 1n, 5%, 25v, Ceramic. 3198 016 31020
2009 Cap, 1u, 20%, 50v, Electrolytic. 3198 030 81080
2010 Cap, 100n, 10%, 16v, Ceramic 3198 017 31040
2011 Cap, 100n, 10%, 16v, Ceramic 3198 017 31040
2012 Cap, 100n, 10%, 16v, Ceramic 3198 017 31040
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2014 Cap, 100n, 10%, 16v, Ceramic 3198 017 31040
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2016 Cap, 10n, 10%, 50v, Ceramic. 3198 017 31030
2017 Cap, 150p, 5%, 50v, Ceramic. 3198 016 31510
2018 Cap, 150p, 5%, 50v, Ceramic. 3198 016 31510
2019 Cap, 100n, 10%, 16v, Ceramic 3198 017 31040
2020 Cap, 100n, 10%, 16v, Ceramic 3198 017 31040
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2053 Cap, 10u, 20%, 20v, Electrolytic 3198 032 55130
2054 Cap, 10u, 20%, 20v, Electrolytic 3198 032 55130
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2056 Cap, 10u, 20%, 20v, Electrolytic 3198 032 55130
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3002 Res, 120 ohm, 5%, 1/16W, Metalized Glass 3198 021 31210
3003 Res, 120 ohm, 5%, 1/16W, Metalized Glass 3198 021 31210
3004 Res, 47 ohm, 5%, 1/16W, Metalized Glass. 3198 021 34790
3005 Res, 330 ohm, 5%, 1/16W, Metalized Glass 3198 021 33310
3006 Res, 120 ohm, 5%, 1/16W, Metalized Glass 3198 021 31210
3007 Res, 120 ohm, 5%, 1/16W, Metalized Glass 3198 021 31210
3008 Res, 120 ohm, 5%, 1/16W, Metalized Glass 3198 021 31210

S = Safety Part Be sure to use exact replacement part.

3009 Res, 330 ohm, 5%, 1/16W, Metalized Glass 3198 021 33310
3010 Res, 5K6, 5%, 1/16W, Metalized Glass . . 3198 021 35620
3011 Res, 560 ohm, 5%, 1/16W, Metalized Glass 3198 021 35610
3012 Res, 10 ohm, 5%, 1/16W, Metalized Glass. 3198 021 31090
3013 Res, 2K7, 5%, 1/16W, Metalized Glass . . 3198 021 32720
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3015 Res, 10 ohm, 5%, 1/16W, Metalized Glass. 3198 021 31090
3016 Res, 33 ohm, 5%, 1/16W, Metalized Glass. 3198 021 33390
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3042 Res, 3K3, 1%, 1/16W, Metalized Glass . . 2322 704 73302
3043 Res, 1K5, 5%, 1/16W, Metalized Glass . . 3198 021 31520
3044 Res, 10 ohm, 5%, 1/16W, Metalized Glass. 3198 021 31090
3055 Res, 220 ohm, 5%, 1/16W, Metalized Glass 3198 021 32210
3056 Res, 1K, 5%, 1/16W, Metalized Glass. . . 3198 021 31020
3057 Res, 2K2, 5%, 1/16W, Metalized Glass . . 3198 021 32220
3058 Res, 220K, 5%, 1/16W, Metalized Glass. . 3198 021 32240
3059 Res, 27K, 5%, 1/16W, Metalized Glass . . 3198 021 32730
3060 Res, 470 ohm, 5%, 1/16W, Metalized Glass 3198 021 34710
3061 Res, 4K7, 5%, 1/16W, Metalized Glass . . 3198 021 34720
3065 Res, 560 ohm, 5%, 1/16W, Metalized Glass 3198 021 35610
3067 Res, 47 ohm, 5%, 1/16W, Metalized Glass. 3198 021 34790
3068 Res, 47 ohm, 5%, 1/16W, Metalized Glass. 3198 021 34790
3069 Res, 100K, 5%, 1/16W, Metalized Glass. . 3198 021 31040
3071 Res, 1K5, 5%, 1/16W, Metalized Glass . . 3198 021 31520
3072 Res, 2K7, 5%, 1/16W, Metalized Glass . . 3198 021 32720
3073 Res, 330 ohm, 5%, 1/16W, Metalized Glass 3198 021 33310
3074 Res, 330 ohm, 5%, 1/16W, Metalized Glass 3198 021 33310
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3105 Res, 560 ohm, 5%, 1/16W, Metalized Glass 3198 021 35610
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5001 Inductor, Fixed, 100Mhz, 120 ohm 3198 018 90070
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5012 Inductor, Fixed, 100Mhz, 120 ohm 3198 018 90070
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5015 Inductor, Fixed, 100Mhz, 30 ohm 3198 018 90060
5017 Inductor, Fixed, 100Mhz, 120 ohm 3198 018 90070
5019 Coil, 10u. 3198 018 41090
5020 Coil, 10u. 3198 018 41090
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5028	Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070	2345	Cap, 10n, 10%, 50V, Ceramic.	3198 017 01030
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6007	Diode, Signal, BAS17	9335 262 30215	2355	Cap, 1u, 20%, 100V, Electrolytic	2020 021 91812
7000	Transistor, NPN, BC847B.	9335 895 90215	2356	Cap, 100p, 10%, 500V, Ceramic.	3198 019 41010
7001	Transistor, PNP, BC857B.	9335 897 60215	2357	Cap, 1500u, 20%, 25V, Electrolytic . . .	2020 021 91806
7002	Transistor, NPN, BF570	9338 144 20215	2358	Cap, 1000u, 20%, 25V, Electrolytic . . .	2020 021 91805
7003	Transistor, PNP, BC857B.	9335 897 60215	2360	Cap, 1500u, 20%, 25V, Electrolytic . . .	2020 021 91806
7004	Transistor, NPN, BC847B.	9335 895 90215	2361	Cap, 1000u, 20%, 25V, Electrolytic . . .	2020 021 91805
7005	Transistor, PNP, BC857B.	9335 897 60215	2362	Cap, 470p, 10%, 1KV, Ceramic	3198 019 54710
7006	Transistor, NPN, BF570	9338 144 20215	2363	Cap, 470u, 20%, 50V, Electrolytic. . . .	2020 021 91809
7007	Transistor, PNP, BC857B.	9335 897 60215	2364	Cap, 470u, 20%, 50V, Electrolytic. . . .	2020 021 91809
7008	Transistor, NPN, BC847B.	9335 895 90215	2365	Cap, 1u, 20%, 100V, Electrolytic	2020 021 91812
7009	Transistor, PNP, BC857B.	9335 897 60215	2366	Cap, 1000u, 20%, 10V, Electrolytic . . .	2020 021 91814
7010	Transistor, NPN, BC847B.	9335 895 90215	2367	Cap, 22u, 20%, 35V, Electrolytic	2020 021 91811
7011	Transistor, NPN, BC847B.	9335 895 90215	3221	Res, 33K, 5%, 1W, Metal Film	3198 012 13330
7012	Transistor, PNP, BF550	9334 509 00215	3222	Res, 100 ohm, 5%, 2W, Metal Film	2120 105 93422
7015	Transistor, NPN, BC847B.	9335 895 90215	3223	Res, 1K, 5%, 1/10W, Metalized Glass. . .	3198 021 51020
7016	Transistor, PNP, BC857B.	9335 897 60215	3224	Res, 470 ohm, 5%, 1/6W, Carbon Film. . .	3198 011 04710
7017	Transistor, NPN, BC847B.	9335 895 90215	3226	Res, 10K, 5%, 1/10W, Metalized Glass. . .	3198 021 51030
7019	IC, LM809M3-3.08	9322 163 48668	3227	Res, 33 ohm, 5%, 2W, Metal Film.	2120 105 93418
7020	Transistor, NPN, BC847B.	9335 895 90215	3228	Res, 100K, 5%, 1/10W, Metalized Glass. .	3198 021 51040
7021	IC, LD1117DT33	9322 134 45668	3229	Res, 47 ohm, 5%, 1/10W, Metalized Glass. .	3198 021 54790
7022	IC, LD1117DT25	9322 160 50668	3230	Res, 33 ohm, 5%, 2W, Metal Film.	2120 105 93418
7023	IC, UPD64083GF	9322 170 65671	3231	Res, 33K, 5%, 1/6W, Carbon Film.	3198 011 03330

Main Power Panel Parts

Main Power Panel Parts					
0218	Insulator, SP900, 19.0x27.9x0.23	3135 010 02331	3232	Res, 10K7, 1%, 3/5W, Metal Film.	2312 915 11073
0219	Clip, Transistor	3135 011 02681	3238	Res, 10K, 1%, 3/5W, Metal Film	2312 915 11003
0220	Spring Clip.	3139 121 24583	3252	Res, 22 ohm, 1%, 3/5W, Metal Film. . . .	2312 915 12209
0221	Spring Clip.	3139 121 24583	3253	Res, 27K, 1%, 3/5W, Metal Film	2312 915 12703
0300	Insulator, SP900, 19.0x27.9x0.23	3135 010 02331	3254	Res, 4K7, 1%, 1/8W, Metalized Glass. . . .	2322 734 64702
0301	Clip, Transistor	3135 011 02681	3255	Res, 33K, 5%, 1/6W, Carbon Film.	3198 011 03330
0302	Spring Clip.	3139 121 24583	3256	Res, 1K, 5%, 1/6W, Carbon Film	3198 011 01020
0305	Spring Clip.	3139 121 24583	3257	Res, 1K, 5%, 1/6W, Carbon Film	3198 011 01020
0306	Spring Clip.	3139 121 24583	3259	Res, 680 ohm, 5%, 1/6W, Carbon Film. . .	3198 011 06810
1206	Connector, 1 Pin	2422 015 18552	3260	Res, 2K2, 5%, 1/6W, Carbon Film.	3198 011 02220
1218	Heatsink	3135 031 60071	3321	Res, 22K, 5%, 1W, Metal Film	3198 012 12230
1219	Heatsink, Dual T0-220.	3135 031 60133	3322	Res, 100 ohm, 5%, 2W, Metal Film	2120 105 93422
1300	Heatsink	3135 031 60071	3323	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	3198 021 51020
1302	Heatsink, Dual T0-220.	3135 031 60133	3324	Res, 470 ohm, 5%, 1/6W, Carbon Film. . .	3198 011 04710
1305	Heatsink, Dual T0-220.	3135 031 60133	3325	Res, 33 ohm, 5%, 2W, Metal Film.	2120 105 93418
1311	Connector, 6 Pin, BM, V, M	2422 025 14044	3326	Res, 8K2, 5%, 1/10W, Metalized Glass . . .	3198 021 58220
1312	Connector, 7 Pin	2422 025 11244	3327	Res, 10K, 5%, 1/10W, Metalized Glass . . .	3198 021 51030
1313	Connector, 8 Pin, BM, V, M	2422 025 10648	3328	Res, 2K7, 1%, 1/8W, Metalized Glass. . . .	2322 734 62702
1314	Connector, 9 Pin, BM, V, M	2422 025 12827	3329	Res, 150 ohm, 5%, 1/6W, Carbon Film. . . .	3198 011 01510
1315	Connector, 10 Pin, BM, V, M.	2422 025 15085	3330	Res, 220 ohm, 5%, 1 1/3W, Metal Film . . .	3198 012 22210
2220	Cap, 100u, 20%, 400V, Electrolytic	2020 021 91759	3331	Res, 270 ohm, 5%, 1/10W, Metalized Glass .	3198 021 52710
S 2221	Cap, 470p, 10%, 250V, Ceramic.	2020 554 90169	3332	Res, 56K, 5%, 1/10W, Metalized Glass . . .	3198 021 55630
2222	Cap, 1n, 10%, 1KV, Ceramic	2020 558 90557	3333	Res, 68R, 1%, 3/5W, Metal Film	2312 915 16808
2223	Cap, 470p, 5%, 50V, Ceramic.	3198 016 04710	3334	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	3198 021 51020
2226	Cap, 1n, 10%, 1KV, Ceramic	2020 558 90557	3335	Res, 100K, 5%, 1/10W, Metalized Glass. . .	3198 021 51040
2227	Cap, 22u, 20%, 35V, Electrolytic	2020 021 91811	3336	Res, 100 ohm, 5%, 1/6W, Carbon Film. . . .	3198 011 01010
2227	Cap, 22u, 20%, 35V, Electrolytic	2020 021 91811	3338	Res, 10K, 1%, 3/5W, Metal Film	2312 915 11003
2233	Cap, 330p, 10%, 1KV, Ceramic	3198 019 63310	3339	Res, 1K, 5%, 1 1/3W, Metal Film.	3198 012 21020
2235	Cap, 1n, 10%, 1KV, Ceramic	3198 019 51020	3340	Res, 22K, 5%, 1W, Metal Film	3198 012 12230
2236	Cap, 470p, 10%, 1KV, Ceramic	3198 019 64710	S 3341	Res, 680 ohm, 5%, 3W, Metal Film	3198 012 36810
2237	Cap, 470p, 10%, 1KV, Ceramic	3198 019 54710	3342	Res, 10K, 1%, 3/5W, Metal Film	2312 915 11003
2238	Cap, 3300u, 20%, 16V, Electrolytic	2020 021 91816	3343	Res, 1K8, 1%, 1/10W, Metalized Glass . . .	2120 108 92618
2239	Cap, 1000u, 20%, 16V, Electrolytic	2020 021 91803	3344	Res, 750K, 1%, 3/5W, Metal Film.	2312 915 17504
2240	Cap, 1000u, 20%, 16V, Electrolytic	2020 021 91803	3345	Res, 27K, 1%, 1/8W, Metalized Glass. . . .	2322 734 62703
2241	Cap, 10u, 20%, 50V, Electrolytic	2020 021 91808	3346	Res, 3K3, 5%, 1/6W, Carbon Film.	3198 011 03320
2243	Cap, 100n, 10%, 50V, Polyester	3198 014 01040	3347	Res, 10 ohm, 5%, 1W, Metal Film.	3198 012 11090
2244	Cap, 22u, 20%, 35V, Electrolytic	2020 021 91811	3348	Res, 100 ohm, 5%, 2W, Metal Film	2120 105 93422
2245	Cap, 47u, 20%, 16V, Electrolytic	2020 021 91804	3349	Res, 0R47, 5%, 3/5W, Metal Film.	3198 012 14770
2246	Cap, 1u, 20%, 100V, Electrolytic	2020 021 91812	3350	Res, 8R2, 5%, 1/4W, Carbon Film.	2120 101 74828
2247	Cap, 22u, 20%, 35V, Electrolytic	2020 021 91811	3351	Res, 0R1, 5%, 1 1/3W, Metal Film	3198 012 21070
2265	Cap, 1u, 20%, 100V, Electrolytic	2020 021 91812	3352	Res, 2K7, 1%, 3/5W, Metal Film	2312 915 12702
2310	Cap, 1n, 10%, 1KV, Ceramic	2020 558 90557	3353	Res, 100K, 5%, 1/10W, Metalized Glass. . .	3198 021 51040
2312	Cap, 1n, 10%, 1KV, Ceramic	2020 558 90557	3354	Res, 8K2, 5%, 1/10W, Metalized Glass . . .	3198 021 58220
2320	Cap, 100u, 20%, 400V, Electrolytic	2020 021 91759	3355	Res, 150K, 5%, 1/6W, Carbon Film	3198 011 01540
S 2321	Cap, 470p, 10%, 250V, Ceramic.	2020 554 90169	3356	Res, 1K, 5%, 1/6W, Carbon Film	3198 011 01020
2323	Cap, 470p, 5%, 50V, Ceramic.	3198 016 04710	3357	Res, 1K, 5%, 1/6W, Carbon Film	3198 011 01020
2333	Cap, 470p, 10%, 1KV, Ceramic	3198 019 64710	3358	Res, 3K3, 5%, 1/6W, Carbon Film.	3198 011 03320
2335	Cap, 100p, 10%, 1KV, Ceramic	3198 019 51010	3359	Res, 180 ohm, 5%, 1/6W, Carbon Film. . . .	3198 011 01810
2336	Cap, 4n7, 10%, 400V, Metalized Polyester	2222 365 55472	S 5201	Line Filter, 100uH, 2.2A	2422 549 44101
2337	Cap, 470p, 10%, 1KV, Ceramic	3198 019 54710	5208	Fixed, Inductor, 100MHZ, 80 ohm.	3198 018 90020
2338	Cap, 1000u, 20%, 25V, Electrolytic	2020 021 91805	5209	Fixed, Inductor, 100MHZ, 80 ohm.	3198 018 90020
2339	Cap, 100n, 10%, 50V, Polyester	3198 014 01040	S 5210	Switching Transformer, US28207-00. . . .	2422 531 02555
2340	Cap, 10n, 10%, 50V, Ceramic.	3198 017 01030	5212	Fixed, Inductor, 100MHZ, 80 ohm.	3198 018 90020
2341	Cap, 10u, 20%, 50V, Electrolytic	2020 021 91808	5213	Fixed, Inductor, 100MHZ, 80 ohm.	3198 018 90020
2342	Cap, 100n, 10%, 50V, Polyester	3198 014 01040	5214	Fixed, Inductor, 100MHZ, 80 ohm.	3198 018 90020
2343	Cap, 47u, 20%, 16V, Electrolytic	2020 021 91804	5215	Fixed, Inductor, 100MHZ, 80 ohm.	3198 018 90020
			5216	Fixed, Inductor, 100MHZ, 80 ohm.	3198 018 90020
			5217	Fixed, Inductor, 100MHZ, 80 ohm.	3198 018 90020

S = Safety Part Be sure to use exact replacement part.

S 5301	Line Filter, 100uH, 2.2A	2422	549	44101	1251	Socket, Cinch, 12 Pin	2422	026	05106
5305	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020	2111	Cap, 10u, 20%, 50v, Electrolytic	3198	029	51090
5306	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020	2112	Cap, 10u, 20%, 50v, Electrolytic	3198	029	51090
5307	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020	2113	Cap, 220u, 20%, 25v, Electrolytic	3198	025	32210
5308	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020	2114	Cap, 470n, +80/-20%, 16v, Ceramic	3198	017	24740
5309	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020	2115	Cap, 470n, +80/-20%, 16v, Ceramic	3198	017	24740
S 5310	Switching Transformer, US28212-02	2422	531	02594	2116	Cap, 470n, +80/-20%, 16v, Ceramic	3198	017	24740
5315	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020	2117	Cap, 470n, +80/-20%, 16v, Ceramic	3198	017	24740
5316	Coil, 10u	2422	535	94639	2118	Cap, 470n, +80/-20%, 16v, Ceramic	3198	017	24740
5317	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020	2119	Cap, 470n, +80/-20%, 16v, Ceramic	3198	017	24740
5318	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020	2120	Cap, 220p, 5%, 50v, Ceramic	3198	016	02210
5319	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020	2121	Cap, 10u, 20%, 50v, Electrolytic	3198	029	51090
5320	Coil, 10u	2422	535	94639	2122	Cap, 10u, 20%, 50v, Electrolytic	3198	029	51090
5321	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020	2123	Cap, 10u, 20%, 50v, Electrolytic	3198	029	51090
5322	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020	2124	Cap, 10u, 20%, 50v, Electrolytic	3198	029	51090
5323	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020	2149	Cap, 470n, +80/-20%, 16v, Ceramic	3198	017	24740
5324	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020	2150	Cap, 1u, +80/-20%, 16v, Ceramic	3198	017	21050
5325	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020	2151	Cap, 100n, +80/-20%, 25v, Ceramic	3198	023	21040
5326	Coil, 10u	2422	535	95363	2152	Cap, 100n, +80/-20%, 25v, Ceramic	3198	023	21040
5327	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020	2153	Cap, 100n, +80/-20%, 25v, Ceramic	3198	023	21040
5328	Coil, 330u	2422	535	94863	2154	Cap, 100n, +80/-20%, 50v, Ceramic	2020	552	95499
6201	Diode, Rect, BY229X-800	9340	380	30127	2155	Cap, 1u, 20%, 50v, Electrolytic	3198	025	51080
6202	Zener Diode, 5.1 volt	3198	010	55180	2156	Cap, 1u, 20%, 50v, Electrolytic	3198	025	51080
6202	Zener Diode, 5.1 volt	3198	010	55180	2157	Cap, 1u, 20%, 50v, Electrolytic	3198	025	51080
6204	Diode, Rect, PBYR10100X	9340	555	24127	2158	Cap, 1u, 20%, 50v, Electrolytic	3198	025	51080
6205	Diode, Rect, BYV95C	9335	001	80133	2159	Cap, 1u, 20%, 50v, Electrolytic	3198	025	51080
S 6207	IC, Optocoupler	9338	941	50682	2160	Cap, 1u, 20%, 50v, Electrolytic	3198	025	51080
6209	Diode, Signal, BAV21	3198	010	10070	2161	Cap, 1u, 20%, 50v, Electrolytic	3198	025	51080
6301	Diode, Rect, BY229X-800	9340	380	30127	2162	Cap, 1u, 20%, 50v, Electrolytic	3198	025	51080
6305	Diode, Rect, BYV95C	9335	001	80133	2163	Cap, 100n, +80/-20%, 25v, Ceramic	3198	023	21040
6306	Diode, Signal, BAV21	3198	010	10070	2164	Cap, 100n, +80/-20%, 25v, Ceramic	3198	023	21040
S 6307	IC, Optocoupler	9338	941	50682	2165	Cap, 100n, +80/-20%, 25v, Ceramic	3198	023	21040
6308	Zener Diode, 5.1 volt	3198	010	55180	2166	Cap, 2u2, +80/-20%, 10v, Ceramic	3198	017	22250
6309	Diode, Signal, BAV21	3198	010	10070	2167	Cap, 22u, 20%, 50v, Electrolytic	3198	025	52290
6312	Diode, Rect, SB360L-7024	9322	161	78682	2168	Cap, 330p, 5%, 50v, Ceramic	3198	016	03310
6313	Diode, Rect, BYV95C	9335	001	80133	2169	Cap, 330p, 5%, 50v, Ceramic	3198	016	03310
6314	Diode, Rect, BYW29EX-200	9340	412	80127	2170	Cap, 330p, 5%, 50v, Ceramic	3198	016	03310
6315	Diode, Rect, PBYR10100X	9340	555	24127	2171	Cap, 330p, 5%, 50v, Ceramic	3198	016	03310
6316	Diode, Rect, BYW95C-24	9340	559	53112	2173	Cap, 330p, 5%, 50v, Ceramic	3198	016	03310
7202	IC, PWM Off-line Switcher	9322	166	44687	2174	Cap, 330p, 5%, 50v, Ceramic	3198	016	03310
7203	Transistor, N Ch. FET, 2SK2886	9322	199	01687	2175	Cap, 330p, 5%, 50v, Ceramic	3198	016	03310
7206	IC, Prog. Ref. Regulator	9322	115	98676	2176	Cap, 330p, 5%, 50v, Ceramic	3198	016	03310
7209	IC, Prog. Ref. Regulator	9322	115	98676	2177	Cap, 330p, 5%, 50v, Ceramic	3198	016	03310
7210	Transistor, PNP, BC557B	3198	020	40110	2178	Cap, 330p, 5%, 50v, Ceramic	3198	016	03310
7211	Transistor, NPN, BC547B	3198	020	40030	2180	Cap, 22p, 5%, 50v, Ceramic	3198	016	02290
7302	IC, PWM Off-line Switcher, TOP247Y	9322	181	88687	2181	Cap, 22p, 5%, 50v, Ceramic	3198	016	02290
7303	Transistor, N Ch. FET, 2SK2886	9322	199	01687	2182	Cap, 22p, 5%, 50v, Ceramic	3198	016	02290
7304	IC, Prog. Ref. Regulator	9322	115	98676	2183	Cap, 22p, 5%, 50v, Ceramic	3198	016	02290
7306	IC, Prog. Ref. Regulator	9322	115	98676	2184	Cap, 22p, 5%, 50v, Ceramic	3198	016	02290
7307	IC, Inverting Step Switch Reg., MC34063A	9322	036	71682	2185	Cap, 22p, 5%, 50v, Ceramic	3198	016	02290
7308	Transistor, P Ch. FET, 2SJ334	9322	199	02687	2186	Cap, 22p, 5%, 50v, Ceramic	3198	016	02290
7309	IC, Prog. Ref. Regulator	9322	115	98676	2187	Cap, 22p, 5%, 50v, Ceramic	3198	016	02290
7310	Transistor, PNP, BC557B	3198	020	40110	2188	Cap, 22p, 5%, 50v, Ceramic	3198	016	02290
9001	Wire Jumper, 0.58MM	3198	036	90010	2189	Cap, 22p, 5%, 50v, Ceramic	3198	016	02290
9003	Wire Jumper, 0.58MM	3198	036	90010	3117	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010
9005	Wire Jumper, 0.58MM	3198	036	90010	3118	Res, 30K, 1%, 1/8W, Metalized Glass	2322	734	63003
9012	Wire Jumper, 0.58MM	3198	036	90010	3119	Res, 100 ohm, 5%, 1/6W, Carbon Film	3198	011	01010
9013	Wire Jumper, 0.58MM	3198	036	90010	3120	Res, 51K, 1%, 1/8W, Metalized Glass	2322	734	65103
9014	Wire Jumper, 0.58MM	3198	036	90010	3121	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
9016	Wire Jumper, 0.58MM	3198	036	90010	3122	Res, 100K, 5%, 1/10W, Metalized Glass	3198	021	51040
9017	Wire Jumper, 0.58MM	3198	036	90010	3123	Res, 1K, 5%, 1/10W, Metalized Glass	3198	021	51020
9018	Wire Jumper, 0.58MM	3198	036	90010	3124	Res, 1K, 5%, 1/10W, Metalized Glass	3198	021	51020
9019	Wire Jumper, 0.58MM	3198	036	90010	3125	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
9020	Wire Jumper, 0.58MM	3198	036	90010	3126	Res, 1K, 5%, 1/10W, Metalized Glass	3198	021	51020
9024	Wire Jumper, 0.58MM	3198	036	90010	3127	Res, 1K, 5%, 1/10W, Metalized Glass	3198	021	51020
9025	Wire Jumper, 0.58MM	3198	036	90010	3128	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020
9026	Wire Jumper, 0.58MM	3198	036	90010	3129	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020
9028	Wire Jumper, 0.58MM	3198	036	90010	3130	Res, 1 ohm, 5%, 1/10W, Metalized Glass	3198	021	51080
9029	Wire Jumper, 0.58MM	3198	036	90010	3131	Res, 1K, 5%, 1/10W, Metalized Glass	3198	021	51020
9030	Wire Jumper, 0.58MM	3198	036	90010	3133	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020
9031	Wire Jumper, 0.58MM	3198	036	90010	3134	Res, 1K, 5%, 1/10W, Metalized Glass	3198	021	51020
9032	Wire Jumper, 0.58MM	3198	036	90010	3136	Res, 47K, 5%, 1/10W, Metalized Glass	3198	021	54730
9033	Wire Jumper, 0.58MM	3198	036	90010	3137	Res, 47K, 5%, 1/10W, Metalized Glass	3198	021	54730
9317	Wire Jumper, 0.58MM	3198	036	90010	3139	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090
9318	Wire Jumper, 0.58MM	3198	036	90010	3140	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090
1010	Main Power Supply Panel Asm.	3135	037	10663	3141	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090
Rear Jack Panel Parts					3142	Res, 10 ohm, 5%, 1/10W, Metalized Glass	3198	021	51090
Rear Jack Panel Parts					3143	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090
1016	Rear Jack Panel Asm.	3135	037	10692	3144	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
1200	Connector, 4 Pin	2422	025	12479	3145	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
1201	Connector, 4 Pin	2422	025	12479	3146	Res, 1K, 5%, 1/10W, Metalized Glass	3198	021	51020
1202	Connector, 4 Pin	2422	025	12479	3155	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
1203	Connector, 4 Pin	2422	025	12479	3156	Res, 1K2, 5%, 1/10W, Metalized Glass	3198	021	51220
1205	Connector, 3 Pin	2422	025	09191	3157	Res, 1K2, 5%, 1/10W, Metalized Glass	3198	021	51220
1207	Connector, 5 Pin	2422	025	12481	3158	Res, 1K2, 5%, 1/6W, Carbon Film	3198	011	01220
1208	Connector, 5 Pin	2422	025	12481	3159	Res, 1K2, 5%, 1/6W, Carbon Film	3198	011	01220
1214	Socket, Cinch, 4 Pin	2422	026	05093	3160	Res, 1K2, 5%, 1/10W, Metalized Glass	3198	021	51220
1217	Socket, Cinch, 1 Pin	2422	026	04378	3161	Res, 1K2, 5%, 1/10W, Metalized Glass	3198	021	51220
1218	Socket, MDIN, 10 Pin	2422	026	04926	3162	Res, 1K2, 5%, 1/6W, Carbon Film	3198	011	01220
1219	Socket, MDIN, 10 Pin	2422	026	04926	3173	Res, 1K2, 5%, 1/6W, Carbon Film	3198	011	01220
1220	Connector, 64 Pin	2422	025	17714	3174	Res, 100 ohm, 5%, 1/6W, Carbon Film	3198	011	01010
					3175	Res, 100 ohm, 5%, 1/6W, Carbon Film	3198	011	01010

S = Safety Part Be sure to use exact replacement part.

3176	Res,	100 ohm,	5%,	1/6W,	Carbon Film.	3198 011 01010	6161	Zener Diode,	6.8 volt.	3198 020 56880
3181	Res,	100 ohm,	5%,	1/6W,	Carbon Film.	3198 011 01010	6162	Zener Diode,	6.8 volt.	3198 020 56880
3182	Res,	100 ohm,	5%,	1/6W,	Carbon Film.	3198 011 01010	7100	IC, CXA2089S		9322 162 27682
3183	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198 021 51010	7102	Transistor,	NPN, BC847B.	3198 010 42030
3184	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198 021 51010	7105	Transistor,	NPN, BC847B.	3198 010 42030
3185	Res,	100 ohm,	5%,	1/6W,	Carbon Film.	3198 011 01010	7107	Transistor,	NPN, BC847B.	3198 010 42030
3186	Res,	100 ohm,	5%,	1/6W,	Carbon Film.	3198 011 01010	7108	Transistor,	NPN, BC847B.	3198 010 42030
3187	Res,	100 ohm,	5%,	1/6W,	Carbon Film.	3198 011 01010	7109	Transistor,	NPN, BC847B.	3198 010 42030
3188	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198 021 51010	7110	Transistor,	NPN, BC847B.	3198 010 42030
3189	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198 021 51010	9001	Wire Jumper,	0.58MM.	3198 036 90010
3190	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198 021 51010	9002	Wire Jumper,	0.58MM.	3198 036 90010
3191	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198 021 51010	9003	Wire Jumper,	0.58MM.	3198 036 90010
3192	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198 021 51010	9004	Wire Jumper,	0.58MM.	3198 036 90010
3193	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198 021 51010	9005	Wire Jumper,	0.58MM.	3198 036 90010
3220	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198 021 51010	9006	Wire Jumper,	0.58MM.	3198 036 90010
3221	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198 021 51010	9007	Wire Jumper,	0.58MM.	3198 036 90010
3222	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198 021 51010	9008	Wire Jumper,	0.58MM.	3198 036 90010
3223	Res,	47K,	5%,	1/10W,	Metalized Glass	3198 021 54730	9009	Wire Jumper,	0.58MM.	3198 036 90010
3224	Res,	47K,	5%,	1/10W,	Metalized Glass	3198 021 54730	9010	Wire Jumper,	0.58MM.	3198 036 90010
3225	Res,	47K,	5%,	1/10W,	Metalized Glass	3198 021 54730	9100	Wire Jumper,	0.58MM.	3198 036 90010
3226	Res,	47K,	5%,	1/10W,	Metalized Glass	3198 021 54730	9101	Wire Jumper,	0.58MM.	3198 036 90010
3227	Res,	47K,	5%,	1/10W,	Metalized Glass	3198 021 54730	9102	Wire Jumper,	0.58MM.	3198 036 90010
3228	Res,	47K,	5%,	1/10W,	Metalized Glass	3198 021 54730	9103	Wire Jumper,	0.58MM.	3198 036 90010
3229	Res,	47K,	5%,	1/10W,	Metalized Glass	3198 021 54730	9104	Wire Jumper,	0.58MM.	3198 036 90010
3230	Res,	47K,	5%,	1/10W,	Metalized Glass	3198 021 54730	9105	Wire Jumper,	0.58MM.	3198 036 90010
3231	Res,	75 ohm,	5%,	1/10W,	Metalized Glass.	3198 021 57590	9106	Wire Jumper,	0.58MM.	3198 036 90010
3232	Res,	75 ohm,	5%,	1/10W,	Metalized Glass.	3198 021 57590	9107	Wire Jumper,	0.58MM.	3198 036 90010
3233	Res,	75 ohm,	5%,	1/10W,	Metalized Glass.	3198 021 57590	9108	Wire Jumper,	0.58MM.	3198 036 90010
3234	Res,	75 ohm,	5%,	1/10W,	Metalized Glass.	3198 021 57590	9109	Wire Jumper,	0.58MM.	3198 036 90010
3235	Res,	75 ohm,	5%,	1/10W,	Metalized Glass.	3198 021 57590	9110	Wire Jumper,	0.58MM.	3198 036 90010
3237	Res,	75 ohm,	5%,	1/10W,	Metalized Glass.	3198 021 57590	9111	Wire Jumper,	0.58MM.	3198 036 90010
3238	Res,	75 ohm,	5%,	1/10W,	Metalized Glass.	3198 021 57590	9112	Wire Jumper,	0.58MM.	3198 036 90010
3243	Res,	68 ohm,	5%,	1/10W,	Metalized Glass.	3198 021 56890	9113	Wire Jumper,	0.58MM.	3198 036 90010
3244	Res,	150 ohm,	5%,	1/6W,	Carbon Film.	3198 011 01510	9114	Wire Jumper,	0.58MM.	3198 036 90010
3245	Res,	150 ohm,	5%,	1/6W,	Carbon Film.	3198 011 01510	9115	Wire Jumper,	0.58MM.	3198 036 90010
3246	Res,	150 ohm,	5%,	1/10W,	Metalized Glass	3198 021 51510	9116	Wire Jumper,	0.58MM.	3198 036 90010
3247	Res,	75 ohm,	5%,	1/10W,	Metalized Glass.	3198 021 57590				
3248	Res,	75 ohm,	5%,	1/10W,	Metalized Glass.	3198 021 57590				
4000	Res,	Zero ohm,	"Chip" Jumper			3198 021 90020	System Panel Parts			
4001	Res,	Zero ohm,	"Chip" Jumper			3198 021 90020	System Panel Parts			
4002	Res,	Zero ohm,	"Chip" Jumper			3198 021 90020	1020	System Panel Asm.	3135 037 10712	
4003	Res,	Zero ohm,	"Chip" Jumper			3198 021 90020	1008	Connector, 9 Pin	2422 025 16049	
4004	Res,	Zero ohm,	"Chip" Jumper			3198 021 90020	1009	Connector, 9 Pin	2422 025 16049	
4005	Res,	Zero ohm,	"Chip" Jumper			3198 021 90020	1200	Connector, 5 Pin	2422 025 12481	
4006	Res,	Zero ohm,	"Chip" Jumper			3198 021 90020	1201	Connector, 10 Pin.	2422 025 12484	
4007	Res,	Zero ohm,	"Chip" Jumper			3198 021 90020	1202	Switch, Tactile.	2422 128 02742	
4008	Res,	Zero ohm,	"Chip" Jumper			3198 021 90020	1203	Tuner, V+U PLL	2422 542 90077	
4009	Res,	Zero ohm,	"Chip" Jumper			3198 021 90020	1204	Switch, Tactile.	2422 128 02742	
4010	Res,	Zero ohm,	"Chip" Jumper			3198 021 90020	1205	Connector, SIMM, 80 Pin.	2422 025 16599	
4011	Res,	Zero ohm,	"Chip" Jumper			3198 021 90020	1207	Connector, 4 Pin	2422 025 12479	
4012	Res,	Zero ohm,	"Chip" Jumper			3198 021 90020	1210	Connector, 64 Pin.	2422 025 17715	
4013	Res,	Zero ohm,	"Chip" Jumper			3198 021 90020	1214	Connector, 10 Pin.	2422 025 12484	
4014	Res,	Zero ohm,	"Chip" Jumper			3198 021 90020	1215	Connector, 1 Pin	2422 015 18552	
4015	Res,	Zero ohm,	"Chip" Jumper			3198 021 90020	1216	Connector, 1 Pin	2422 015 18551	
4016	Res,	Zero ohm,	"Chip" Jumper			3198 021 90020	1217	Connector, 1 Pin	2422 015 18552	
4017	Res,	Zero ohm,	"Chip" Jumper			3198 021 90020	1218	Connector, 1 Pin	2422 015 18552	
4018	Res,	Zero ohm,	"Chip" Jumper			3198 021 90020	1220	Connector, 64 Pin.	2422 025 17715	
4019	Res,	Zero ohm,	"Chip" Jumper			3198 021 90020	1241	Connector, 7 Pin	2422 025 11244	
4020	Res,	Zero ohm,	"Chip" Jumper			3198 021 90020	1244	Connector, 3 Pin	2412 020 00725	
4021	Res,	Zero ohm,	"Chip" Jumper			3198 021 90020	1251	Connector, 3 Pin	2412 020 00725	
4022	Res,	Zero ohm,	"Chip" Jumper			3198 021 90020	1252	Connector, 6 Pin	2422 025 17955	
4023	Res,	Zero ohm,	"Chip" Jumper			3198 021 90020	1262	Connector, 3 Pin	2422 025 10768	
6101	Zener Diode,	6.8 volt.				3198 020 56880	1303	Connector, 5 Pin	2422 025 10428	
6102	Zener Diode,	6.8 volt.				3198 020 56880	1305	Connertort, 7 Pin	2422 025 09407	
6103	Zener Diode,	6.8 volt.				3198 020 56880	1312	Connector, 7 Pin	2422 025 11244	
6104	Zener Diode,	6.8 volt.				3198 020 56880	1313	Connector, 8 Pin	2422 025 10648	
6105	Zener Diode,	6.8 volt.				3198 020 56880	1314	Connector, 9 Pin	2422 025 12827	
6106	Zener Diode,	6.8 volt.				3198 020 56880	1335	Connector, 11 Pin.	2422 025 12485	
6107	Zener Diode,	6.8 volt.				3198 020 56880	1337	Connector, 1 Pin	2422 015 18552	
6108	Zener Diode,	6.8 volt.				3198 020 56880	1344	Connector, 5 Pin	2422 025 12481	
6109	Zener Diode,	6.8 volt.				3198 020 56880	1403	Connector, 12 Pin.	2422 025 08333	
6110	Zener Diode,	6.8 volt.				3198 020 56880	1600	Resonator Crystal, 12Mhz, 20P, DSX840 R.	2422 543 01095	
6111	Zener Diode,	6.8 volt.				3198 020 56880	1681	Connector, 3 Pin	2422 025 10768	
6112	Zener Diode,	6.8 volt.				3198 020 56880	1683	Connector, 5 Pin, FFC 0.3.	2422 025 16563	
6113	Zener Diode,	6.8 volt.				3198 020 56880	1700	Connector, 8 Pin	2422 025 12483	
6114	Zener Diode,	6.8 volt.				3198 020 56880	2101	Cap, 470p, 5%, 50v, Ceramic.	3198 016 04710	
6115	Zener Diode,	6.8 volt.				3198 020 56880	2102	Cap, 100u, 20%, 50v, Electrolytic.	3198 025 51010	
6116	Zener Diode,	6.8 volt.				3198 020 56880	2103	Cap, 220u, 20%, 16v, Electrolytic.	3198 025 22210	
6117	Zener Diode,	6.8 volt.				3198 020 56880	2104	Cap, 1n, 5%, 50v, Ceramic.	3198 016 01020	
6118	Zener Diode,	6.8 volt.				3198 020 56880	2105	Cap, 100n, +80/-20%, 25v, Ceramic.	3198 023 21040	
6119	Zener Diode,	6.8 volt.				3198 020 56880	2106	Cap, 100n, +80/-20%, 25v, Ceramic.	3198 023 21040	
6120	Zener Diode,	6.8 volt.				3198 020 56880	2107	Cap, 1u, 20%, 50v, Electrolytic.	3198 030 81080	
6121	Diode, Signal,	BAV99				9332 153 70215	2108	Cap, 2u2, 20%, 25v, Electrolytic	2020 021 91551	
6122	Diode, Signal,	BAV99				9332 153 70215	2109	Cap, 100n, +80/-20%, 25v, Ceramic.	3198 023 21040	
6123	Diode, Signal,	BAV99				9332 153 70215	2110	Cap, 470u, 20%, 16v, Electrolytic.	2020 021 91687	
6124	Diode, Signal,	BAV99				9332 153 70215	2111	Cap, 100n, +80/-20%, 25v, Ceramic.	3198 023 21040	
6125	Diode, Signal,	BAV99				9332 153 70215	2112	Cap, 100n, +80/-20%, 25v, Ceramic.	3198 023 21040	
6126	Diode, Signal,	BAV99				9332 153 70215	2113	Cap, 100n, +80/-20%, 25v, Ceramic.	3198 023 21040	
6128	Diode, Signal,	BAV99				9332 153 70215	2114	Cap, 1000u, 20%, 16v, Electrolytic	3198 026 21020	
6129	Diode, Signal,	BAV99				9332 153 70215	2115	Cap, 2u2, 20%, 10v, Electrolytic	2020 021 91668	
6130	Diode, Signal,	BAV99				9332 153 70215	2116	Cap, 1n, 5%, 50v, Ceramic.	3198 016 01020	
6132	Diode, Signal,	BAV99				9332 153 70215	2117	Cap, 100n, +80/-20%, 25v, Ceramic.	3198 023 21040	
							2118	Cap, 100n. +80/-20%. 25v. Ceramic.	3198 023 21040	

S = Safety Part Be sure to use exact replacement part.

3310	Res,	2K2,	5%,	1/10W,	Metalized Glass	3198	021	52220	4120	Res,	Zero ohm,	"Chip" Jumper	3198	021	90020	
3311	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	4121	Res,	Zero ohm,	"Chip" Jumper	3198	021	90020	
3312	Res,	3K3,	5%,	1/10W,	Metalized Glass	3198	021	53320	4129	Res,	Zero ohm,	"Chip" Jumper	3198	021	90020	
3313	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	5101	Coil,	6u8.		2422	535	94819	
3314	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5102	Coil,	1u		2422	535	95387	
3315	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5103	Coil,	1u		2422	535	95387	
3316	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5104	Coil,	1u		2422	535	95387	
3317	Res,	3K3,	5%,	1/10W,	Metalized Glass	3198	021	53320	5106	Inductor,	Fixed,	100Mhz,	30 ohm.	2422	549	42958
3318	Res,	68K,	5%,	1/10W,	Metalized Glass	3198	021	56830	5107	Inductor,	Fixed,	100Mhz,	30 ohm.	2422	549	42958
3319	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5108	Coil,	1u		2422	535	95387	
3320	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5109	Coil,	1u		2422	535	95387	
3321	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5110	Inductor,	Fixed,	100Mhz,	30 ohm.	2422	549	42958
3322	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5111	Inductor,	Fixed,	100Mhz,	30 ohm.	2422	549	42958
3323	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5112	Inductor,	Fixed,	100Mhz,	30 ohm.	2422	549	42958
3324	Res,	2K2,	5%,	1/10W,	Metalized Glass	3198	021	52220	5113	Inductor,	Fixed,	100Mhz,	30 ohm.	2422	549	42958
3325	Res,	2K2,	5%,	1/10W,	Metalized Glass	3198	021	52220	5301	Inductor,	Fixed,	100Mhz,	30 ohm.	2422	549	42958
3326	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	5302	Inductor,	Fixed,	100Mhz,	30 ohm.	2422	549	42958
3328	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5303	Inductor,	Fixed,	100Mhz,	30 ohm.	2422	549	42958
3329	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5304	Inductor,	Fixed,	100Mhz,	30 ohm.	2422	549	42958
3330	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5305	Coil,	2u2.		3198	018	42280	
3331	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5306	Inductor,	Fixed,	100Mhz,	30 ohm.	2422	549	42958
3332	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5307	Inductor,	Fixed,	100Mhz,	30 ohm.	2422	549	42958
3333	Res,	33 ohm,	5%,	1/10W,	Metalized Glass	3198	021	53390	5308	Inductor,	Fixed,	100Mhz,	30 ohm.	2422	549	42958
3334	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5309	Inductor,	Fixed,	100Mhz,	30 ohm.	2422	549	42958
3335	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	5310	Coil,	8u2.		3198	018	28280	
3336	Res,	68K,	5%,	1/10W,	Metalized Glass	3198	021	56830	5311	Inductor,	Fixed,	100Mhz,	30 ohm.	2422	549	42958
3337	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	5312	Inductor,	Fixed,	100Mhz,	30 ohm.	2422	549	42958
3338	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	5313	Coil,	330u		2422	535	94649	
3339	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5315	Inductor,	Fixed,	100Mhz,	30 ohm.	2422	549	42958
3340	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5316	Inductor,	Fixed,	100Mhz,	30 ohm.	2422	549	42958
3341	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5317	Coil,	8u2.		2422	535	96517	
3342	Res,	1M,	5%,	1/10W,	Metalized Glass	3198	021	51050	6101	Diode,	Signal,	BAS316.	3198	010	10630	
3343	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6102	Diode,	Signal,	BAS316.	3198	010	10630	
3344	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6103	Diode,	Signal,	BAS316.	3198	010	10630	
3345	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6104	Diode,	Signal,	BAS316.	3198	010	10630	
3346	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6105	Diode,	Rect,	SB140.	9339	577	60673	
3347	Res,	1M,	5%,	1/10W,	Metalized Glass	3198	021	51050	6106	Diode,	Signal,	BAS316.	3198	010	10630	
3348	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6107	Diode,	Signal,	BAS316.	3198	010	10630	
3349	Res,	1K,	5%,	1/10W,	Metalized Glass	3198	021	51020	6108	Diode,	Signal,	BAS316.	3198	010	10630	
3350	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	6109	Diode,	Signal,	BAS316.	3198	010	10630	
3351	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6110	Diode,	Signal,	BAS316.	3198	010	10630	
3352	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6111	Diode,	Signal,	BAS316.	3198	010	10630	
3353	Res,	3K3,	5%,	1/10W,	Metalized Glass	3198	021	53320	6112	Zener Diode,	15 volt		9335	006	90133	
3354	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6113	Diode,	Signal,	1PS76SB10	9340	453	90115	
3355	Res,	220 ohm,	5%,	1/10W,	Metalized Glass	3198	021	52210	6114	Diode,	Signal,	1PS76SB10	9340	453	90115	
3356	Res,	1K2,	5%,	1/10W,	Metalized Glass	3198	021	51220	6201	Zener Diode,	6.8 volt.		9340	548	55115	
3357	Res,	1K,	5%,	1/10W,	Metalized Glass	3198	021	51020	6202	Zener Diode,	6.8 volt.		9340	548	55115	
3358	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6300	Diode,	Signal,	BAS316.	3198	010	10630	
3359	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6301	Diode,	Signal,	BAS316.	3198	010	10630	
3360	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6302	Diode,	Signal,	BAS316.	3198	010	10630	
3361	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6304	Diode,	Signal,	BAS316.	3198	010	10630	
3362	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	6305	Diode,	Signal,	BAS316.	3198	010	10630	
3363	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	6306	Diode,	Signal,	BAS316.	3198	010	10630	
3364	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	7001	Transistor,	NPN,	BC847B.	3198	010	42030	
3365	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	7002	Transistor,	NPN,	BC847B.	3198	010	42030	
3366	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	7003	Transistor,	NPN,	BC847B.	3198	010	42030	
3370	Res,	56K,	5%,	1/10W,	Metalized Glass	3198	021	55630	7004	Transistor,	NPN,	BC847B.	3198	010	42030	
3371	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7005	Transistor,	PNP,	BC857B.	3198	010	42150	
3372	Res,	2K2,	5%,	1/10W,	Metalized Glass	3198	021	52220	7006	Transistor,	PNP,	BC857B.	3198	010	42150	
3373	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	7007	Transistor,	PNP,	BC857B.	3198	010	42150	
3374	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7008	Transistor,	NPN,	BC847B.	3198	010	42030	
3375	Res,	15K,	5%,	1/10W,	Metalized Glass	3198	021	51530	7009	Transistor,	NPN,	BC847B.	3198	010	42030	
3376	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7010	Transistor,	NPN,	BC847B.	3198	010	42030	
3377	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7011	Transistor,	NPN,	BC847B.	3198	010	42030	
3378	Res,	39K,	5%,	1/10W,	Metalized Glass	3198	021	53930	7012	Transistor,	NPN,	BC847B.	3198	010	42030	
3379	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7013	Transistor,	PNP,	BC857B.	3198	010	42150	
3380	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7014	F.E.T.	STD3NK60Z.		9322	195	38668	
3381	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7015	Transistor,	PNP,	BC857B.	3198	010	42150	
3382	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7017	Transistor,	PNP,	BC857B.	3198	010	42150	
3383	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7018	Transistor,	NPN,	BC847B.	3198	010	42030	
3384	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7020	Transistor,	NPN,	BC847B.	3198	010	42030	
3385	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7021	Transistor,	NPN,	BC847B.	3198	010	42030	
3390	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7022	Transistor,	NPN,	BC847B.	3198	010	42030	
3391	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7023	Transistor,	NPN,	BC847B.	3198	010	42030	
3392	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7024	Transistor,	PNP,	BC857B.	3198	010	42150	
3393	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7025	Transistor,	NPN,	BC847B.	3198	010	42030	
3394	Res,	1K,	5%,	1/10W,	Metalized Glass	3198	021	51020	7101	IC,	TC74HC590AF-EL		9322	167	76668	
3395	Res,	10 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51090	7102	IC,	TC74HC590AF-EL		9322	167	76668	
3396	Res,	1K,	5%,	1/10W,	Metalized Glass	3198	021	51020	7103	IC,	CY7C199-15ZC		9322	153	66668	
4104	Res,	Zero ohm,	"Chip" Jumper			3198	021	90020	7104	IC,	MOS, Digital, Logic,	74HCT573DB.	9351	869	80118	
4105	Res,	Zero ohm,	"Chip" Jumper			3198	021	90020	7105	IC,	MOS, Digital, Logic,	74HCT573DB.	9351	869	80118	
4106	Res,	Zero ohm,	"Chip" Jumper			3198	021	90020	7106	IC,	CD74ACT151M.		9322	195	64668	
4107	Res,	Zero ohm,	"Chip" Jumper			3198	021	90020	7107	IC,	M24C32-WMN6.		9322	124	74668	
4108	Res,	Zero ohm,	"Chip" Jumper			3198	021	90020	7108	IC,	P89C668HBA/00.		9352	654	18112	
4109	Res,	Zero ohm,	"Chip" Jumper			3198	021	90020	7109	IC,	TL431BCLP.		9322	115	98676	
4110	Res,	Zero ohm,	"Chip" Jumper			3198	021	90020	7110	IC,	TLC0832CD.		9322	185	44668	
4114	Res,	Zero ohm,	"Chip" Jumper			3198	021	90020	7111	IC,	NE555D		9336	561	10623	
4115	Res,	Zero ohm,	"Chip" Jumper			3198	021	90020	7113	IC,	TEA6422D					

7118 IC, NE555D	9336 561 10623
7120 F.E.T. Signal, BSN20	9340 125 00235
7121 F.E.T. Signal, BSN20	9340 125 00235
9001 Wire Jumper, 0.58MM.	3198 036 90010
9002 Wire Jumper, 0.58MM.	3198 036 90010

LED Sensor Panel Parts

LED Sensor Panel Parts	
1024 LED Panel Asm.	3135 037 10741
0207 Holder, LED.	3139 124 23831
0209 Holder, Photo Diode.	3104 304 19732
1201 Connector, 4 Pin	2422 025 12489
1214 Connector, 10 Pin.	2422 025 12493
2001 Cap, 10u, 20%, 50v, Electrolytic	3198 025 51090
2002 Cap, 470n, +80/-20%, 10v, Ceramic.	3198 017 44740
2003 Cap, 100u, 20%, 10v, Electrolytic.	3198 025 11010
2004 Cap, 470n, +80/-20%, 10v, Ceramic.	3198 017 44740
3001 Res, 150 ohm, 5%, 1/16W, Metalized Glass	3198 021 31510
3002 Res, 470 ohm, 5%, 1/16W, Metalized Glass	3198 021 34710
3003 Res, 1K2, 5%, 1/16W, Metalized Glass	3198 021 31220
3004 Res, 10K, 5%, 1/16W, Metalized Glass	3198 021 31030
3005 Res, 15K, 5%, 1/10W, Metalized Glass	3198 021 51530
3006 Res, 330 ohm, 5%, 1/10W, Metalized Glass	3198 021 53310
3007 Res, 1K5, 5%, 1/16W, Metalized Glass	3198 021 31520
3008 Res, 6K8, 5%, 1/16W, Metalized Glass	3198 021 36820
3009 Res, 1M5, 5%, 1/16W, Metalized Glass	2322 702 60155
3010 Res, 10K, 5%, 1/16W, Metalized Glass	3198 021 31030
3011 Res, 3K3, 5%, 1/16W, Metalized Glass	3198 021 33320
3012 Res, 4K7, 5%, 1/16W, Metalized Glass	3198 021 34720
3013 Res, 10K, 5%, 1/16W, Metalized Glass	3198 021 31030
3014 Res, 1M5, 5%, 1/16W, Metalized Glass	2322 702 60155
3016 Res, 1K, 5%, 1/16W, Metalized Glass.	3198 021 31020
3017 Res, 3K3, 5%, 1/16W, Metalized Glass	3198 021 33320
4002 Res, Zero ohm, "Chip" Jumper	3198 021 90020
4003 Res, Zero ohm, "Chip" Jumper	3198 021 90030
4004 Res, Zero ohm, "Chip" Jumper	3198 021 90030
4005 Res, Zero ohm, "Chip" Jumper	3198 021 90030
6000 LED, TLUV5300.	9338 792 00682
6003 IR Receiver, TSOP2136UH1	9322 159 21667
6004 Optical Sensor, BPW46.	9322 032 38682
7000 IC, LM358DR2	9339 265 90668
7001 Transistor, NPN, BC847B.	3198 010 42030

Side Jack Panel Parts

Side Jack Panel Parts	
1028 Side Jack Panel Asm.	3135 037 10751
1300 Switch, Push, 2 Pin, 2 Position, 30v	2422 128 03068
1301 Socket, MDin, 4 Pin, TCS7959 Y	2422 026 05157
1302 Socket, Cinch, 3 Pin	2422 026 05493
1303 Socket, Phone, 1 Pin	2422 026 04747
1335 Connector, 11 Pin.	2422 025 12485
1337 Connector, 1 Pin	2422 015 18552
1344 Connector, 5 Pin	2422 025 12481
2107 Cap, 680p, 5%, 50v, Ceramic.	3198 016 06810
2108 Cap, 100p, 5%, 50v, Ceramic.	3198 016 01010
2109 Cap, 680p, 5%, 50v, Ceramic.	3198 016 06810
2110 Cap, 100p, 5%, 50v, Ceramic.	3198 016 01010
2111 Cap, 680p, 5%, 50v, Ceramic.	3198 016 06810
2112 Cap, 10n, 10%, 50v, Ceramic.	3198 017 01030
2113 Cap, 680p, 5%, 50v, Ceramic.	3198 016 06810
2114 Cap, 10n, 10%, 50v, Ceramic.	3198 017 01030
2115 Cap, 100n, +80/-20%, 25v, Ceramic.	3198 023 21040
3106 Res, 75 ohm, 5%, 1/10W, Metalized Glass.	3198 021 57590
3107 Res, 75 ohm, 5%, 1/10W, Metalized Glass.	3198 021 57590
3115 Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198 021 51010
3116 Res, 1K, 5%, 1/10W, Metalized Glass.	3198 021 51020
3117 Res, 47K, 5%, 1/10W, Metalized Glass	3198 021 54730
3118 Res, 1K, 5%, 1/10W, Metalized Glass	3198 021 51020
3119 Res, 47K, 5%, 1/10W, Metalized Glass	3198 021 54730
3120 Res, 10 ohm, 5%, 1/10W, Metalized Glass.	3198 021 51090
3121 Res, 10 ohm, 5%, 1/10W, Metalized Glass.	3198 021 51090
3122 Res, 10K, 5%, 1/10W, Metalized Glass	3198 021 51030
3123 Res, 10 ohm, 5%, 1/10W, Metalized Glass.	3198 021 51090
3124 Res, 10 ohm, 5%, 1/10W, Metalized Glass.	3198 021 51090
3125 Res, 10K, 5%, 1/10W, Metalized Glass	3198 021 51030
4001 Res, Zero ohm, "Chip" Jumper	3198 021 90020
4002 Res, Zero ohm, "Chip" Jumper	3198 021 90020
5001 Coil, 270n	3198 018 32770
5002 Coil, 270n	3198 018 32770
6001 Zener Diode, 6.8 volt.	9340 386 40115
6002 Zener Diode, 6.8 volt.	9340 386 40115
6003 Zener Diode, 6.8 volt.	9340 386 40115
6004 Zener Diode, 6.8 volt.	9340 386 40115
6005 Zener Diode, 6.8 volt.	9340 386 40115
6006 Zener Diode, 6.8 volt.	9340 386 40115
6007 Zener Diode, 6.8 volt.	9340 386 40115
6008 Zener Diode, 6.8 volt.	9340 386 40115
6009 Zener Diode, 6.8 volt.	9340 386 40115
6010 Zener Diode, 6.8 volt.	9340 386 40115
6011 Zener Diode, 6.8 volt.	9340 386 40115
6012 Zener Diode, 6.8 volt.	9340 386 40115

LED/Keyboard Panel Parts

S = LED/Keyboard Panel Parts to use exact replacement part.

1032 LED/Keyboard Panel Asm.	3135 037 10771
1001 Switch, Tactile.	2422 128 02742
1002 Switch, Tactile.	2422 128 02742
1003 Switch, Tactile.	2422 128 02742
1004 Switch, Tactile.	2422 128 02742
1005 Switch, Tactile.	2422 128 02742
1006 Switch, Tactile.	2422 128 02742
1201 Connector, 4 Pin	2422 025 12489
1202 Connector, 1 Pin	2422 015 18551
1203 LED, Holder (Not Shown).	3135 034 00711
3001 Res, 390 ohm, 1%, 1/8W, Metalized Glass.	2322 734 63901
3002 Res, 200 ohm, 1%, 1/8W, Metalized Glass.	2322 734 62001
3003 Res, 620 ohm, 1%, 1/8W, Metalized Glass.	2322 734 66201
3004 Res, 1K1, 1%, 1/8W, Metalized Glass.	2322 734 61102
3006 Res, 2K, 1%, 1/8W, Metalized Glass	2322 734 62002
3007 Res, 2K4, 1%, 1/8W, Metalized Glass.	2322 734 62402
3009 Res, 910 ohm, 1%, 1/8W, Metalized Glass.	2322 734 69101
3010 Res, 160 ohm, 1%, 1/8W, Metalized Glass.	2322 734 61601
3011 Res, 120 ohm, 5%, 1/10W, Metalized Glass	3198 021 51210
4000 Res, Zero ohm, "Chip" Jumper	3198 021 90020
6001 Zener Diode, 6.8 volt.	9340 386 40115
6002 Zener Diode, 6.8 volt.	9340 386 40115
6003 LED, TLHB5400.	9322 188 10682
7000 Transistor, NPN, BC847B.	3198 010 42030

Thermal Sensor Panel Parts

Thermal Sensor Panel Parts	
1034 Thermal Sensor Panel Asm.	3135 037 10781
1202 Connector, 3 Pin	2422 025 10775
2001 Cap, 100n, 10%, 16v, Ceramic	3198 017 01040
2002 Cap, 100n, 10%, 16v, Ceramic	3198 017 01040
3001 Res, 5K6, 1%, 1/8W, Metalized Glass.	2322 734 65602
3002 Res, 68K, 1%, 1/8W, Metalized Glass.	2322 734 66803
3003 Res, 820 ohm, 1%, 1/8W, Metalized Glass.	2122 118 05988
3004 Res, 680 ohm, 1%, 1/8W, Metalized Glass.	2322 734 66801
3005 Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198 021 51010
S 3006 NTC, 10K, 5%, 1/2W	2322 640 33103
3007 Res, 1M, 5%, 1/10W, Metalized Glass.	3198 021 51050
3008 Res, 22K, 5%, 1/10W, Metalized Glass	3198 021 52230
4001 Res, Zero ohm, "Chip" Jumper	3198 021 90020
7001 Transistor, NPN, BC847B.	3198 010 42030
7002 Transistor, NPN, BC847B.	3198 010 42030

Input Power Panel Parts

Input Power Panel Parts	
1045 Input Power Panel Asm.	3135 037 11421
0001 Insulator, SP-900.	3135 010 02331
0002 Clip, Transistor	3135 011 02681
0013 Spring	3139 121 24583
0014 Spring	3139 121 24583
0018 Insulator, SP-900.	3135 010 02331
0019 Clip, Transistor	3135 011 02681
0020 Spring	3139 121 24583
0201 Spring	3135 011 01041
0215 Insulator.	3135 010 02321
1206 Connector, 1 Pin	2422 015 18552
1208 Surge Protector, DSP-501N-A21F	2422 549 42349
1209 Connector, 1 Pin	2422 015 18552
S 1210 Relay, 1 Pin, 5V, 5A	2422 132 07411
S 1211 Fuse/Clip, 6A3, 250V, IEC.	2422 093 00036
1212 Connector, 4 Pin	2422 025 15503
S 1214 Protection Device, 5.5 KVDC, UL5500.	2422 549 43369
1215 Heatsink	3135 031 60051
1217 Connector, 1 Pin	2422 015 18552
1218 Connector, 1 Pin	2422 015 18552
1310 Connector, 2 Pin	2422 025 11196
1311 Connector, 6 Pin	2422 025 14044
1316 Connector, 4 Pin	2422 025 10647
1401 Heatsink	3135 031 60071
1402 Heatsink, T0-220	3135 031 60133
1403 Connector, 12 Pin.	2422 025 08333
1410 Connector, 2 Pin	2412 020 00724
1460 Connector, 3 Pin	2412 020 00725
1518 Heatsink	3135 031 60071
1520 Heatsink, T0-220	3135 031 60133
2200 Cap, 1n, 10%, 1000v, Ceramic	2020 558 90557
2201 Cap, 220n, 20%, 275v, Metalized Polypropy lene	2222 336 29146
2202 Cap, 1m5, 20%, 200v, Electrolytic.	2020 021 91747
2203 Cap, 1n, 10%, 1000v, Ceramic	2020 558 90557
2205 Cap, 680n, 20%, 275v, Metalized Polypropy lene	2222 336 29149
2209 Cap, 1m5, 20%, 200v, Electrolytic.	2020 021 91747
2210 Cap, 1n, 5%, 50v, Ceramic.	3198 016 01020
2211 Cap, 1n, 5%, 50v, Ceramic.	3198 016 01020
2212 Cap, 1n, 10%, 1000v, Ceramic	2020 558 90557
S 2213 Cap, 470p, 10%, 50v, Ceramic	2020 554 90169
S 2214 Cap, 470p, 10%, 50v, Ceramic	2020 554 90169
2215 Cap, 100n, 10%, 16v, Ceramic	3198 017 01040
2216 Cap, 1n, 5%, 50v, Ceramic.	3198 016 01020
2217 Cap, 1n, 10%, 1000v, Ceramic	2020 558 90557
2219 Cap, 100u, 20%, 400v, Electrolytic	2020 021 91759

S	2220	Cap, 470p, 10%, 50v, Ceramic	2020	554	90169	5211	Inductor, Fixed, 100MHZ, 30 ohm	3198	018	90060
	2225	Cap, 1u, 20%, 50v, Electrolytic	3198	025	51080	5212	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2249	Cap, 100n, 10%, 50v, Polyester	3198	014	01040	5213	Filter, Mains, 8mH, 7A, JLB2806	2422	549	44591
S	2421	Cap, 470p, 10%, 50v, Ceramic	2020	554	90169	5214	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2423	Cap, 470p, 5%, 50v, Ceramic	3198	016	04710	5218	Filter, Mains, 8mH, 7A, JLB2806	2422	549	44591
	2424	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557	5406	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2431	Cap, 100p, 10%, 1000v, Ceramic	2252	711	95001	5407	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2432	Cap, 1n, 10%, 1000v, Ceramic	3198	019	61020	5408	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2433	Cap, 100p, 10%, 1000v, Ceramic	2252	711	95001	5409	Coil, 1u	2422	535	95387
S	2435	Cap, 470p, 10%, 50v, Ceramic	2020	554	90169	5410	Transformer, SMT Layer, US28206-01	2422	531	02553
	2436	Cap, 47u, 20%, 50v, Electrolytic	2020	021	91521	5411	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2437	Cap, 100p, 10%, 1000v, Ceramic	2252	711	95001	5412	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2441	Cap, 22u, 20%, 35v, Electrolytic	2020	021	91811	5417	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2442	Cap, 100n, 10%, 50v, Polyester	3198	014	01040	5419	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2443	Cap, 4n7, 10%, 50v, Ceramic	3198	019	14720	5420	Coil, 1u	2422	535	95387
	2444	Cap, 22u, 20%, 35v, Electrolytic	2020	021	91811	5422	Coil, 1u	2422	535	95387
	2453	Cap, 470p, 10%, 1000v, Ceramic	3198	019	64710	5502	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2454	Cap, 1000u, 20%, 35v, Electrolytic	2020	021	91411	5503	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2456	Cap, 470p, 10%, 1000v, Ceramic	3198	019	64710	5507	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2457	Cap, 1000u, 20%, 35v, Electrolytic	2020	021	91411	5509	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2472	Cap, 220u, 20%, 10v, Electrolytic	3198	025	12210	5510	Coil, Choke, 190uH, UC28214-03 Y	2422	536	00594
	2473	Cap, 1n, 5%, 50v, Ceramic	3198	016	01020	5514	Filter, Mains, 100uH, 2A2, W8051	2422	549	44101
	2522	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557	6200	Diode, Signal, 1N4148	3198	010	10010
	2523	Cap, 470p, 10%, 50v, Ceramic	3198	019	14710	6201	Diode, Bridge Rect, GBU6JL-7002	9322	138	08667
	2530	Cap, 220p, 10%, 1000v, Ceramic	3198	019	62210	6202	Diode, Bridge Rect, GBU4JL-7002	9322	132	55667
	2534	Cap, 100u, 20%, 400v, Electrolytic	2020	021	91759	6402	Diode, Signal, 1N4148	3198	010	10010
	2535	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557	6403	Diode, Signal, BAS316	3198	010	10630
	2536	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557	6404	Optic Coupler, CQY80NG	9338	941	50682
	2541	Cap, 10u, 20%, 50v, Electrolytic	2020	021	91808	6405	Diode, Rect, BYV95C	9335	001	80133
	2542	Cap, 10n, +80/-20%, 50v, Ceramic	3198	019	21030	6406	Zener Diode, 18 volt	3198	010	21890
	2543	Cap, 22n, +80/-20%, 50v, Ceramic	3198	019	22230	6407	Zener Diode, 6.8 volt	3198	010	26880
	2544	Cap, 47u, 20%, 16v, Electrolytic	2020	021	91804	6408	Diode, Signal, BAS316	3198	010	10630
	3204	Res, 2M2, 5%, 1/2W, Metalized Glass	2322	242	13225	6409	Diode, Signal, 1N4148	3198	010	10010
	3207	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	6410	Optic Coupler, CQY80NG	9338	941	50682
	3210	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	6411	Diode, Rect, BY229X-800	9340	380	30127
	3211	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	6413	Diode, Rect, BYW29EX-200	9340	412	80127
S	3212	VDR, DC, 1MA/495V, MAX 850VB	2322	595	90021	6414	Diode, Rect, BYW29EX-200	9340	412	80127
	3213	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	6501	Diode, Rect, BYV29F-400	9338	673	00127
	3214	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	7211	Transistor, NPN, BC547B	3198	020	40030
	3215	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	7212	Transistor, PNP, BC857B	3198	010	42150
	3216	Res, 4M7, 5%, 1/2W, Metalized Glass	2322	242	13475	7402	IC, TOP247Y	9322	181	88687
	3217	Res, 220 ohm, 20%, 1/2W, Carbon Film	2120	103	90042	7406	IC, TL431BCLP	9322	115	98676
	3218	Res, 4M7, 5%, 1/2W, Metalized Glass	2322	242	13475	7408	Transistor, PNP, BC857B	3198	010	42150
	3219	Res, 4M7, 5%, 1/2W, Metalized Glass	2322	242	13475	7409	Transistor, NPN, BC847B	3198	010	42030
	3245	Res, 3K3, 5%, 1/10W, Metalized Glass	3198	021	53320	7410	Transistor, PNP, BC857B	3198	010	42150
	3246	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020	7411	Transistor, NPN, BC847B	3198	010	42030
	3247	Res, 1K, 5%, 1/10W, Metalized Glass	3198	021	51020	7412	Transistor, PNP, BC857B	3198	010	42150
	3248	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020	7500	Transistor, PNP, BC857B	3198	010	42150
	3249	Res, 100K, 5%, 1/10W, Metalized Glass	3198	021	51040	7502	IC, TOP247Y	9322	181	88687
	3252	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010	7506	IC, TL431BCLP	9322	115	98676
	3253	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010	9010	Wire Jumper, 0.58MM	3198	036	90010
	3403	Res, 12K, 5%, 1/6W, Carbon Film	3198	011	01230	9011	Wire Jumper, 0.58MM	3198	036	90010
	3425	Res, 100 ohm, 5%, 3W, Metal Film	2120	105	93581	9016	Wire Jumper, 0.58MM	3198	036	90010
	3426	Res, 56K, 1%, 3/5W, Metal Film	2312	915	15603	9020	Wire Jumper, 0.58MM	3198	036	90010
	3429	Res, 1K2, 5%, 1/6W, Carbon Film	3198	011	01220	9022	Wire Jumper, 0.58MM	3198	036	90010
	3430	Res, 470 ohm, 5%, 1/6W, Carbon Film	3198	011	04710	9023	Wire Jumper, 0.58MM	3198	036	90010
	3431	Res, 56K, 5%, 1/6W, Carbon Film	3198	011	05630	9024	Wire Jumper, 0.58MM	3198	036	90010
	3432	Res, 1K, 5%, 1/10W, Metalized Glass	3198	021	51020	9025	Wire Jumper, 0.58MM	3198	036	90010
	3433	Res, 6R8, 1%, 3/5W, Metal Film	2312	915	16808	9026	Wire Jumper, 0.58MM	3198	036	90010
	3438	Res, 10K, 1%, 3/5W, Metal Film	2312	915	11003	9027	Wire Jumper, 0.58MM	3198	036	90010
	3441	Res, 4K7, 5%, 1/6W, Carbon Film	3198	011	04720	9028	Wire Jumper, 0.58MM	3198	036	90010
	3444	Res, 820K, 1%, 3/5W, Metal Film	2312	915	18204	9029	Wire Jumper, 0.58MM	3198	036	90010
	3445	Res, 100K, 1%, 3/5W, Metal Film	2312	915	11004	9201	Wire Jumper, 0.58MM	3198	036	90010
	3453	Res, 33 ohm, 5%, 2W, Metal Film	2120	105	93418	9204	Wire Jumper, 0.58MM	3198	036	90010
	3456	Res, 33 ohm, 5%, 2W, Metal Film	2120	105	93418	9206	Wire Jumper, 0.58MM	3198	036	90010
	3460	Res, 10K, 5%, 1/6W, Carbon Film	3198	011	01030	9207	Wire Jumper, 0.58MM	3198	036	90010
	3461	Res, 10K, 5%, 1/6W, Carbon Film	3198	011	01030					
	3462	Res, 4K7, 5%, 1/10W, Metalized Glass	3198	021	54720					
	3463	Res, 10K, 5%, 1/10W, Metalized Glass	3198	021	51030					
	3464	Res, 2K7, 5%, 1/10W, Metalized Glass	3198	021	52720					
	3465	Res, 3K9, 5%, 1/10W, Metalized Glass	3198	021	53920					
	3466	Res, 1K, 5%, 1/10W, Metalized Glass	3198	021	51020					
	3470	Res, 47 ohm, 5%, 1/6W, Carbon Film	3198	011	04790					
	3471	Res, 1K, 5%, 1/10W, Metalized Glass	3198	021	51020					
	3472	Res, 1K2, 5%, 1/6W, Carbon Film	3198	011	01220					
	3473	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020					
	3474	Res, 100K, 5%, 1/10W, Metalized Glass	3198	021	51040					
	3475	Res, 10K, 5%, 1/10W, Metalized Glass	3198	021	51030					
	3476	Res, 10K, 5%, 1/10W, Metalized Glass	3198	021	51030					
	3522	Res, 33 ohm, 5%, 2W, Metal Film	2120	105	93418					
	3526	Res, 10K, 5%, 1/6W, Carbon Film	3198	011	01030					
	3533	Res, 6R8, 1%, 3/5W, Metal Film	2312	915	16808					
	3536	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090					
	3537	Res, 3K3, 5%, 1/6W, Carbon Film	3198	011	03320					
	3538	Res, 1K, 1%, 3/5W, Metal Film	2312	915	11002					
	3539	Res, 470 ohm, 5%, 1/6W, Carbon Film	3198	011	04710					
	3540	Res, 150K, 1%, 3/5W, Metal Film	2312	915	11504					
	3541	Res, 150K, 1%, 3/5W, Metal Film	2312	915	11504					
	3542	Res, 120K, 1%, 3/5W, Metal Film	2312	915	11204					
	3543	Res, 3K, 1%, 1/8W, Metalized Glass	2322	734	63002					
	3544	Res, 22K, 5%, 1/10W, Metalized Glass	3198	021	52230					
	5210	Inductor, Fixed, 100MHZ, 30 ohm	3198	018	90060					
						5211	Inductor, Fixed, 100MHZ, 30 ohm	3198	018	90060
						5212	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
						5213	Filter, Mains, 8mH, 7A, JLB2806	2422	549	44591
						5214	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
						5218	Filter, Mains, 8mH, 7A, JLB2806	2422	549	44591
						5406	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
						5407	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
						5408	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
						5409	Coil, 1u	2422	535	95387
						5410	Transformer, SMT Layer, US28206-01	2422	531	02553
						5411	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
						5412	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
						5417	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
						5419	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
						5420	Coil, 1u	2422	535	95387
						5422	Coil, 1u	2422	535	95387
						5502	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
						5503	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
						5507	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
						5509	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
						5510	Coil, Choke, 190uH, UC28214-03 Y	24		

S = Safety Part Be sure to use exact replacement part.

2403	Cap, 1u, +80/-20%, 10v, Ceramic.	3198	017	41050	3301	Res, 1k, 5%, 1/16W	4822	051	30102
2404	Cap, 1u, +80/-20%, 10v, Ceramic.	3198	017	41050	3302	Res, 560 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20561
2405	Cap, 1u, +80/-20%, 10v, Ceramic.	3198	017	41050	3305	Res, 2K7, 1%, 1/8W, Metalized Glass.	4822	117	12955
2411	Cap, 10u, 20%, 63V	4822	124	40248	3311	Res, 27K, 5%, 1/8W, Metalized Glass.	4822	051	20273
2412	Cap, 220n, +80/-20%, 16v, Ceramic.	4822	126	13879	3312	Res, 10K, 1%, 1/8W, Metalized Glass.	4822	117	10833
2415	Cap, 220n, +80/-20%, 16v, Ceramic.	4822	126	13879	3315	Res, 39K, 1%, 1/8W, Metalized Glass.	4822	117	12708
2431	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3316	Res, 680 ohm, 5%, 1/16W.	4822	051	30681
2432	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3318	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2434	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3321	Res, 10k, 5%, 1/16W.	4822	051	30103
2436	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3322	Res, 8K2, 1%, 1/16W.	4822	117	12902
2438	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3324	Res, 390 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20391
2439	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3326	Res, 1K, 1%, 0,125W.	5322	117	12487
2440	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3327	Res, 560 ohm, 5%, 1/16W.	4822	051	30561
2501	Cap, 22p, 5%, 50V Ceramic.	5322	122	32658	3329	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2502	Cap, 8.2p, 0.5%, 50V	4822	126	14487	3330	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2503	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3333	Res, 1k, 5%, 1/16W	4822	051	30102
2504	Cap, 68n, 10%, 25v, Ceramic.	2020	552	96325	3334	Res, 470R, 5%, 0,062W.	4822	051	30471
2505	Cap, 560p, 10%, 50v, Ceramic.	4822	126	14249	3335	Res, 120 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20121
2506	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3336	Res, 1k, 5%, 1/16W	4822	051	30102
2507	Cap, 1uF, 20%, 63V, Electrolytic	4822	124	21913	3338	Res, 75 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11927
2508	Cap, 6n8, 10%, 63v, Ceramic.	5322	126	11582	3339	Res, 10K, 1%, 1/8W, Metalized Glass.	4822	117	10833
2509	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3340	Res, 2k2, 5%, 1/16W.	4822	051	30222
2511	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3341	Res, 47 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20479
2811	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3344	Res, 47 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20479
2812	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3346	Res, 560 ohm, 5%, 1/16W.	4822	051	30561
2813	Cap, 150p, 5%, 50v, Ceramic.	4822	122	33753	3347	Res, 390 ohm, 5%, 1/16W.	4822	051	30391
2814	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3348	Res, Zero ohm, "Chip" Jumper	4822	051	30008
2816	Cap, 10u, 20%, 63V	4822	124	40248	3364	Res, 1k, 5%, 1/16W	4822	051	30102
2817	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3365	Res, 1K, 1%, 0,125W.	5322	117	12487
2818	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3370	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2819	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3371	Res, 15K, 1%, 1/8W, Metalized Glass.	4822	116	83933
2821	Cap, 10u, 20%, 63V	4822	124	40248	3374	Res, 4k7, 5%, 1/16W.	4822	051	30472
2822	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3381	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2823	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3382	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2824	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3383	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2825	Cap, 150p, 2%, 63v, Ceramic.	5322	122	33538	3384	Res, 10k, 5%, 1/16W.	4822	051	30103
2826	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3385	Res, 4k7, 5%, 1/16W.	4822	051	30472
2827	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3386	Res, 10k, 5%, 1/16W.	4822	051	30103
2828	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3387	Res, 39K, 5%, 0,062W	4822	051	30393
2829	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3388	Res, 10k, 5%, 1/16W.	4822	051	30103
2831	Cap, 1u, +80/-20%, 16v, Ceramic.	4822	126	14043	3389	Res, 4k7, 5%, 1/16W.	4822	051	30472
2832	Cap, 1u, +80/-20%, 16v, Ceramic.	4822	126	14043	3390	Res, 470R, 5%, 0,062W.	4822	051	30471
2833	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3401	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2834	Cap, 10u, 20%, 63V	4822	124	40248	3402	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2836	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3403	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2837	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3404	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2838	Cap, 220u, 20%, 6.3v, Electrolytic	4822	124	11912	3405	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2839	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3411	Res, 47k, 1%, 1/16W.	4822	117	12925
2841	Cap, 10u, 20%, 63V	4822	124	40248	3412	Res, 47k, 1%, 1/16W.	4822	117	12925
2842	Cap, 150p, 5%, 50v, Ceramic.	4822	122	33753	3413	Res, 1k, 5%, 1/16W	4822	051	30102
2843	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3414	Res, 47k, 1%, 1/16W.	4822	117	12925
2844	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3415	Res, 47k, 1%, 1/16W.	4822	117	12925
2846	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3416	Res, 1k, 5%, 1/16W	4822	051	30102
2847	Cap, 150p, 2%, 63v, Ceramic.	5322	122	33538	3417	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2848	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3418	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2849	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3419	Res, 560 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20561
2851	Cap, 10u, 20%, 63V	4822	124	40248	3423	Res, 560 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20561
2852	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3424	Res, 560 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20561
2853	Cap, 10u, 20%, 63V	4822	124	40248	3431	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2854	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3432	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2856	Cap, 150p, 2%, 63v, Ceramic.	5322	122	33538	3437	Res, 4K7, 5%, 1/8W, Metalized Glass.	4822	051	20472
2857	Cap, 150p, 5%, 50v, Ceramic.	4822	122	33753	3438	Res, 470R, 5%, 0,062W.	4822	051	30471
2861	Cap, 10u, 20%, 63V	4822	124	40248	3439	Res, Zero ohm, "Chip" Jumper	4822	051	20008
2862	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3451	Res, 4k7, 5%, 1/16W.	4822	051	30472
2863	Cap, 22u, 50v, Electrolytic Aluminum	4822	124	81151	3453	Res, 4k7, 5%, 1/16W.	4822	051	30472
2864	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3456	Res, 4k7, 5%, 1/16W.	4822	051	30472
2866	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3457	Res, 4k7, 5%, 1/16W.	4822	051	30472
2867	Cap, 1u, +80/-20%, 10v, Ceramic.	3198	017	41050	3458	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2868	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3460	Res, 4k7, 5%, 1/16W.	4822	051	30472
2869	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3461	Res, 4k7, 5%, 1/16W.	4822	051	30472
2871	Cap, 1u, +80/-20%, 10v, Ceramic.	3198	017	41050	3462	Res, 2R2, 5%, 1/3W.	4822	052	10228
2872	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3501	Res, 470K, 5%, 1/8W, Metalized Glass	4822	051	20474
2873	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3502	Res, 10M, 5%, 1/16W, Metalized Glass	3198	021	31060
2874	Res, Zero ohm, "Chip" Jumper	4822	051	30008	3503	Res, 470R, 5%, 0,062W.	4822	051	30471
2876	Res, Zero ohm, "Chip" Jumper	4822	051	30008	3504	Res, 6K8, 5%, 0,062W	4822	051	30682
2877	Res, Zero ohm, "Chip" Jumper	4822	051	30008	3506	Res, 10k, 5%, 1/16W.	4822	051	30103
2878	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3507	Res, 6K8, 1%, 1/8W, Metalized Glass.	4822	117	11507
2879	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3508	Res, 10M, 5%, 1/16W, Metalized Glass.	3198	021	31060
2891	Cap, 1nF, 10%, 63v, Ceramic.	5322	122	31647	3509	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2892	Cap, 47pF, 5%, 50V, Ceramic.	4822	126	11785	3510	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2893	Cap, 47pF, 5%, 50V, Ceramic.	4822	126	11785	3801	Res, 220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503
2894	Cap, 47pF, 5%, 50V, Ceramic.	4822	126	11785	3802	Res, 680 ohm, 1%, 1/8W, Metalized Glass.	4822	117	10361
2895	Cap, 47pF, 1%, 63v, Ceramic.	4822	126	13692	3803	Res, 220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503
2896	Cap, 47pF, 1%, 63v, Ceramic.	4822	126	13692	3804	Res, 680 ohm, 5%, 1/16W.	4822	051	30681
2897	Cap, 47pF, 5%, 50V, Ceramic.	4822	126	11785	3805	Res, 220 ohm, 5%, 1/16W.	4822	051	30221
2898	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3806	Res, 680 ohm, 5%, 1/16W.	4822	051	30681
2899	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3807	Res, 220 ohm, 5%, 1/16W.	4822	051	30221
3263	Res, 2K2, 1%, 1/8W, Metalized Glass.	4822	117	11449	3808	Res, 680 ohm, 1%, 1/8W, Metalized Glass.	4822	117	10361
3264	Res, 10K, 1%, 1/8W, Metalized Glass.	4822	117	10833	3809	Res, 220 ohm, 5%, 1/16W.	4822	051	30221
3267	Res, 10 ohm, 5%, 1/8W, Metalized Glass	4822	051	20109	3810	Res, 680 ohm, 5%, 1/16W.	4822	051	30681
3268	Res, 10 ohm, 5%, 1/8W, Metalized Glass	4822	051	20109	3811	Res, 220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503
3270	Res, Zero ohm, "Chip" Jumper	4822	051	20008	3812	Res, 47 ohm, 5%, 1/16W	4822	051	30479

3813	Res, 150 ohm, 5%, 1/16W.	4822	051	30151	6803	Diode, BAS316.	4822	130	11397
3814	Res, 22k, 5%, 1/16W.	4822	051	30223	7201	Tuner, V+U PLL	2422	542	90115
3816	Res, 47 ohm, 5%, 1/16W	4822	051	30479	7301	IC, TDA8887H/N1.	9352	638	72557
3817	Res, 150 ohm, 5%, 1/16W.	4822	051	30151	7305	Transistor, NPN, BC847BW	3198	010	42310
3818	Res, 47 ohm, 5%, 1/16W	4822	051	30479	7307	Transistor, NPN, BC847BW	3198	010	42310
3821	Res, 150 ohm, 5%, 1/16W.	4822	051	30151	7331	Transistor, NPN, BC857BW	3198	010	42320
3822	Res, 4k7, 5%, 1/16W.	4822	051	30472	7337	Transistor, NPN, BC847BW	3198	010	42310
3823	Res, 680 ohm, 1%, 1/8W, Metalized Glass.	4822	117	10361	7368	Transistor, NPN, BC847BW	3198	010	42310
3824	Res, Zero ohm, "Chip" Jumper	4822	051	30008	7385	Transistor, NPN, BC847BW	3198	010	42310
3825	Res, 220 ohm, 5%, 1/16W.	4822	051	30221	7386	Transistor, NPN, BC847BW	3198	010	42310
3826	Res, 3k3, 5%, 1/16W.	4822	051	30332	7401	IC, Digital, MOS, HEF4053BT.	5322	209	14481
3827	Res, 1k8, 1%, 0,063W	4822	117	12903	7402	IC, Digital, MOS, HEF4053BT.	5322	209	14481
3828	Res, 220 ohm, 5%, 1/16W.	4822	051	30221	7403	IC, Digital, MOS, M62320FP	4822	209	17345
3829	Res, 220 ohm, 5%, 1/16W.	4822	051	30221	7411	Transistor, NPN, BC847BW	3198	010	42310
3831	Res, 220 ohm, 5%, 1/16W.	4822	051	30221	7412	Transistor, NPN, BC847BW	3198	010	42310
3832	Res, 39K, 5%, 0,062W	4822	051	30393	7421	Transistor, NPN, BC857BW	3198	010	42320
3833	Res, 3k3, 5%, 1/16W.	4822	051	30332	7422	Transistor, NPN, BC857BW	3198	010	42320
3834	Res, 1k8, 1%, 0,063W	4822	117	12903	7434	Transistor, BC369.	5322	130	44593
3836	Res, 3k3, 5%, 1/16W.	4822	051	30332	7438	Transistor, NPN, BC847BW	3198	010	42310
3837	Res, 1k8, 1%, 0,063W	4822	117	12903	7501	IC, Digital, MOS, Z86130-12SSC	9322	147	01668
3838	Res, 39K, 5%, 0,062W	4822	051	30393	7801	IC, Digital, MOS DRAM, SAB9083H/N4	9352	639	83557
3839	Res, 220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503	7802	IC, Analog Voltage/Current Regulator, LD1117V33	9322	123	54687
3846	Res, 220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503	7803	IC, TDA8601T/C1.	4822	209	12776
3854	Res, 100 ohm, 5%, 1/16W.	4822	051	30101	7804	IC, Digital, MOS, Standard Logic, 74HC163	9352	457	50115
3856	Res, 5K6, 5%, 1/8W, Metalized Glass.	4822	051	20562		2GW.	3198	010	42310
3857	Res, 10K, 1%, 1/8W, Metalized Glass.	4822	117	10833	7805	Transistor, NPN, BC847BW	3198	010	42310
3858	Res, 5K6, 5%, 1/8W, Metalized Glass.	4822	051	20562	7806	Transistor, NPN, BC847BW	3198	010	42310
3862	Res, 1R, 5%, 0,33W	4822	052	10108	7807	Transistor, NPN, BC847BW	3198	010	42310
3863	Res, 1R, 5%, 0,33W	4822	052	10108	7808	Transistor, NPN, BC847BW	3198	010	42310
3865	Res, 3k3, 5%, 1/16W.	4822	051	30332	7809	Transistor, NPN, BC847BW	3198	010	42310
3866	Res, 1k, 5%, 1/16W	4822	051	30102	7810	Transistor, NPN, BC847BW	3198	010	42310
3868	Res, 1k8, 1%, 0,063W	4822	117	12903	7824	Transistor, NPN, BC847BW	3198	010	42310
3869	Res, 3k3, 5%, 1/16W.	4822	051	30332	7828	Transistor, NPN, BC847BW	3198	010	42310
3871	Res, 2k2, 5%, 1/16W.	4822	051	30222	7832	Transistor, NPN, BC847BW	3198	010	42310
3872	Res, 470R, 5%, 0,062W.	4822	051	30471	7871	Transistor, NPN, BC847BW	3198	010	42310
3873	Res, 1k5, 5%, 1/16W.	4822	051	30152	7874	Transistor, NPN, BC847BW	3198	010	42310
3874	Res, 1k5, 5%, 1/16W.	4822	051	30152	7876	Transistor, NPN, BC857BW	3198	010	42320
3876	Res, 4K7, 5%, 1/8W, Metalized Glass.	4822	051	20472	7891	Transistor, NPN, BC847BW	3198	010	42310
3878	Res, 1k, 5%, 1/16W	4822	051	30102	7892	Transistor, NPN, BC847BW	3198	010	42310
3879	Res, 220 ohm, 5%, 1/16W.	4822	051	30221	7893	Transistor, NPN, BC847BW	3198	010	42310
3881	Res, Zero ohm, "Chip" Jumper	4822	051	30008	7894	Transistor, NPN, BC857BW	3198	010	42320
3884	Res, 680 ohm, 1%, 1/8W, Metalized Glass.	4822	117	10361	7895	Transistor, NPN, BC847BW	3198	010	42310
3886	Res, Zero ohm, "Chip" Jumper	4822	051	30008					
3887	Res, Zero ohm, "Chip" Jumper	4822	051	30008					
3888	Res, Zero ohm, "Chip" Jumper	4822	051	30008					
3889	Res, 33 ohm, 5%, 1/16W	4822	051	30339					
3890	Res, 33 ohm, 5%, 1/16W	4822	051	30339					
3891	Res, 33 ohm, 5%, 1/16W	4822	051	30339					
3892	Res, 4K7, 5%, 1/8W, Metalized Glass.	4822	051	20472					
3893	Res, 1k5, 5%, 1/16W.	4822	051	30152					
3894	Res, 2k2, 5%, 1/16W.	4822	051	30222					
3895	Res, 470R, 5%, 0,062W.	4822	051	30471					
3896	Res, 1k5, 5%, 1/16W.	4822	051	30152					
3897	Res, 220 ohm, 5%, 1/16W.	4822	051	30221					
3898	Res, 1k, 5%, 1/16W	4822	051	30102					
4301	Res, Zero ohm, "Chip" Jumper	4822	051	30008					
4306	Res, Zero ohm, "Chip" Jumper	4822	051	30008					
4309	Res, Zero ohm, "Chip" Jumper	4822	051	30008					
4310	Res, Zero ohm, "Chip" Jumper	4822	051	30008					
4311	Res, Zero ohm, "Chip" Jumper	4822	051	30008					
4312	Res, Zero ohm, "Chip" Jumper	4822	051	30008					
4313	Res, Zero ohm, "Chip" Jumper	4822	051	20008					
4315	Res, Zero ohm, "Chip" Jumper	4822	051	20008					
4434	Res, Zero ohm, "Chip" Jumper	4822	051	20008					
4437	Res, Zero ohm, "Chip" Jumper	4822	051	20008					
4438	Res, Zero ohm, "Chip" Jumper	4822	051	20008					
4827	Res, Zero ohm, "Chip" Jumper	4822	051	30008					
4828	Res, Zero ohm, "Chip" Jumper	4822	051	30008					
4831	Res, 220 ohm, 5%, 1/16W.	4822	051	30221					
5261	Coil, Fixed, 5U6, 10%.	4822	157	11778					
5309	Coil, 680n	4822	157	71334					
5332	Coil, 680n	4822	157	71334					
5333	Coil, 680n	4822	157	71334					
5334	Coil, 680n	4822	157	71334					
5349	Coil, 820n	4822	157	71694					
5350	Coil, 15u.	3198	018	61590					
5351	Coil, 15u.	3198	018	61590					
5401	Coil, 4u7.	2422	535	94637					
5501	Coil, 680n	4822	157	71334					
5816	Filter, L/C, BLM21A121SPT	4822	157	11506					
5818	Filter, L/C, BLM21A121SPT	4822	157	11506					
5827	Filter, L/C, BLM21A121SPT	4822	157	11506					
5834	Filter, L/C, BLM21A121SPT	4822	157	11506					
5839	Filter, L/C, BLM21A121SPT	4822	157	11506					
5848	Filter, L/C, BLM21A121SPT	4822	157	11506					
5849	Filter, L/C, BLM21A121SPT	4822	157	11506					
5851	Filter, L/C, BLM21A121SPT	4822	157	11506					
5853	Filter, L/C, BLM21A121SPT	4822	157	11506					
6412	Diode, BAS316.	4822	130	11397					
6415	Diode, BAS316.	4822	130	11397					
6801	Diode, Reference, UZ3.9B	4822	130	11564					
6802	Diode, Reference, UZ3.9B	4822	130	11564					

SSB Panel Parts

SSB Panel Parts

1001	Crystal Resonator, 6MHz, 20p	2422	543	89022
1100	Connector, V, F, 16 Pin.	2422	025	17202
1101	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1102	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1103	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1104	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1105	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1185	SSB Panel Assembly	3135	037	12471
1303	Connector, 5 Pin, M.	2422	025	16966
1304	Connector, 7 Pin, M.	2422	025	17104
1308	Crystal Resonator, 3.579545MHz., 16P, HC49/U A.	2422	543	01183
1401	Connector, V, 10 Pin., F	2422	025	16729
1403	Fuse, 500mA, F, 50V.	2422	086	11092
1406	Filter, Ceramic, 4MHz5, TPSCC*MB.	2422	549	44043
1410	Filter, S.A.W. 45MHz75	2422	549	44377
1411	Filter, Ceramic, 4.5MHz.	2422	549	44534
1651	Crystal Resonator, 18.432MHz, 12P.	2422	543	89019
1680	Connector, V, 6 Pin, M.	2422	025	16961
1681	Connector, 3 Pin, V, M	2422	025	17103
1682	Connector, V, 10 Pin., F	2422	025	16729
1683	Connector, V, 5 Pin, F	2422	025	16793
1702	Ceramic Resonator, 12MHz., CSTCV	2422	540	98456
2001	Cap, 33p, 5%, 50V, Ceramic	3198	016	33390
2002	Cap, 27p, 5%, 50V, Ceramic	3198	016	32790
2003	Cap, 220n, +80/-20%, 16V, Ceramic.	3198	017	42240
2004	Cap, 220n, +80/-20%, 16V, Ceramic.	3198	017	42240
2005	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2006	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2007	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2008	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2010	Cap, 47p, 5%, 50V, Ceramic	3198	016	34790
2011	Cap, 47p, 5%, 50V, Ceramic	3198	016	34790
2012	Cap, 47p, 5%, 50V, Ceramic	3198	016	34790
2013	Cap, 100u, 20%, 16V, Electrolytic.	3198	030	41010
2016	Cap, 100u, 20%, 16V, Electrolytic.	3198	030	41010
2017	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2019	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2020	Cap, 220p, 5%, 50V, Ceramic.	3198	016	32210
2022	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2023	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2024	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2025	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2026	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2027	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2028	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040

S = Safety Part Be sure to use exact replacement part.

2029	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2522	Cap, 470p, 5%, 50V, Ceramic	3198	016	34710
2031	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2523	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2033	Cap, 82p, 5%, 50V, Ceramic	3198	016	38290	2524	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2034	Cap, 82p, 5%, 50V, Ceramic	3198	016	38290	2525	Cap, 470p, 5%, 50V, Ceramic	3198	016	34710
2035	Cap, 82p, 5%, 50V, Ceramic	3198	016	38290	2526	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2036	Cap, 82p, 5%, 50V, Ceramic	3198	016	38290	2528	Cap, 2u2, +80/-20%, 10V, Ceramic	3198	017	22250
2037	Cap, 82p, 5%, 50V, Ceramic	3198	016	38290	2529	Cap, 1u, 10%, 10V, Ceramic	2020	552	96372
2038	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2530	Cap, 1u, 10%, 10V, Ceramic	2020	552	96372
2039	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2548	Cap, 10u, 20%, 16V, Electrolytic	3198	030	41090
2040	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2549	Cap, 10u, 20%, 16V, Electrolytic	3198	030	41090
2052	Cap, 10p, 5%, 50V, Ceramic	3198	016	31090	2550	Cap, 100p, 5%, 50V, Ceramic	3198	016	31010
2053	Cap, 10p, 5%, 50V, Ceramic	3198	016	31090	2552	Cap, 470p, 10%, 50V, Ceramic	3198	017	34710
2054	Cap, 10p, 5%, 50V, Ceramic	3198	016	31090	2553	Cap, 470p, 10%, 50V, Ceramic	3198	017	34710
2055	Cap, 10p, 5%, 50V, Ceramic	3198	016	31090	2554	Cap, 470p, 10%, 50V, Ceramic	3198	017	34710
2056	Cap, 10p, 5%, 50V, Ceramic	3198	016	31090	2555	Cap, 470p, 10%, 50V, Ceramic	3198	017	34710
2057	Cap, 10p, 5%, 50V, Ceramic	3198	016	31090	2562	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2100	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2563	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2101	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2564	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2102	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2565	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2103	Cap, 10u, 20%, 16V, Electrolytic	2020	021	91854	2566	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2104	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2567	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2105	Cap, 1n, 10%, 50V, Ceramic	3198	017	31020	2568	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2106	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2569	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2107	Cap, 1n, 10%, 50V, Ceramic	3198	017	31020	2570	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2108	Cap, 1n, 10%, 50V, Ceramic	3198	017	31020	2571	Cap, 100p, 5%, 50V, Ceramic	3198	016	31010
2109	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2574	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2110	Cap, 10u, 20%, 16V, Electrolytic	2020	021	91854	2575	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2111	Cap, 1n, 10%, 50V, Ceramic	3198	017	31020	2576	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2112	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2577	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2302	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2578	Cap, 100p, 5%, 50V, Ceramic	3198	016	31010
2303	Cap, 10n, 10%, 50V, Ceramic	3198	017	01030	2579	Cap, 100p, 5%, 50V, Ceramic	3198	016	31010
2312	Cap, 33n, 5%, 50V, Ceramic	2020	552	96659	2582	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2312	Cap, 33n, 5%, 16V, Ceramic	2222	781	11569	2583	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2340	Cap, 100u, 20%, 16V, Electrolytic	3198	030	41010	2584	Cap, 100p, 5%, 50V, Ceramic	3198	016	31010
2342	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2585	Cap, 100p, 5%, 50V, Ceramic	3198	016	31010
2350	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2586	Cap, 100p, 5%, 50V, Ceramic	3198	016	31010
2351	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2590	Cap, 100p, 5%, 50V, Ceramic	3198	016	31010
2352	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2592	Cap, 1n, 10%, 50V, Ceramic	3198	017	31020
2356	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2593	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2357	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2594	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2358	Cap, 3n3, 10%, 50V, Ceramic	3198	017	33320	2595	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2361	Cap, 1p2, 21%, 50V, Ceramic	3198	016	31280	2609	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2362	Cap, 12p, 5%, 50V, Ceramic	3198	016	31290	2610	Cap, 2n2, 10%, 50V, Ceramic	3198	017	32220
2365	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2611	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2366	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2632	Cap, 330n, +80/-20%, 25V, Ceramic	2222	910	19856
2367	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2634	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2368	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2640	Cap, 220n, +80/-20%, 16V, Ceramic	3198	017	42240
2369	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2643	Cap, 330n, +80/-20%, 25V, Ceramic	2222	910	19856
2370	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2644	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2371	Cap, 4n7, 10%, 50V, Ceramic	3198	017	34720	2645	Cap, 330n, +80/-20%, 25V, Ceramic	2222	910	19856
2372	Cap, 1u, +80/-20%, 16V, Ceramic	3198	017	21050	2646	Cap, 2u2, +80/-20%, 10V, Ceramic	3198	017	22250
2373	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2649	Cap, 2u2, +80/-20%, 10V, Ceramic	3198	017	22250
2374	Cap, 2u2, +80/-20%, 10V, Ceramic	3198	017	22250	2651	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2375	Cap, 22n, 10%, 25V, Ceramic	3198	017	32230	2652	Cap, 47p, 5%, 50V, Ceramic	3198	016	34790
2376	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2653	Cap, 330n, +80/-20%, 25V, Ceramic	2222	910	19856
2377	Cap, 100u, 20%, 16V, Electrolytic	3198	030	41010	2654	Cap, 470p, 5%, 50V, Ceramic	3198	016	34710
2378	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2659	Cap, 470p, 10%, 50V, Ceramic	3198	017	34710
2384	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2660	Cap, 470p, 10%, 50V, Ceramic	3198	017	34710
2388	Cap, 33n, 10%, 16V, Ceramic	3198	017	33330	2661	Cap, 330n, +80/-20%, 25V, Ceramic	2222	910	19856
2389	Cap, 2u2, +80/-20%, 10V, Ceramic	3198	017	22250	2662	Cap, 330n, +80/-20%, 25V, Ceramic	2222	910	19856
2390	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2663	Cap, 470p, 10%, 50V, Ceramic	3198	017	34710
2391	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2664	Cap, 470p, 10%, 50V, Ceramic	3198	017	34710
2394	Cap, 2u2, +80/-20%, 10V, Ceramic	3198	017	22250	2665	Cap, 100u, 20%, 16V, Electrolytic	3198	030	41010
2395	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2666	Cap, 100u, 20%, 16V, Electrolytic	3198	030	41010
2396	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2667	Cap, 3p3, 8%, 50V, Ceramic	3198	016	33380
2397	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2668	Cap, 3p3, 8%, 50V, Ceramic	3198	016	33380
2399	Cap, 47p, 5%, 50V, Ceramic	3198	016	34790	2670	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2401	Cap, 10n, 10%, 50V, Ceramic	3198	017	31030	2673	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2404	Cap, 2u2, +80/-20%, 10V, Ceramic	3198	017	22250	2674	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2405	Cap, 4n7, 10%, 50V, Ceramic	3198	017	34720	2677	Cap, 10u, 20%, 16V, Electrolytic	3198	030	41090
2411	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2678	Cap, 10u, 20%, 16V, Electrolytic	3198	030	41090
2412	Cap, 4n7, 10%, 50V, Ceramic	3198	017	34720	2679	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2413	Cap, 47u, 20%, 16V, Electrolytic	3198	030	44790	2680	Cap, 10u, 20%, 16V, Electrolytic	3198	030	41090
2418	Cap, 12p, 5%, 50V, Ceramic	3198	016	31290	2681	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2420	Cap, 150p, 5%, 50V, Ceramic	3198	016	31510	2682	Cap, 10u, 20%, 16V, Electrolytic	3198	030	41090
2422	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2686	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2425	Cap, 100u, 20%, 16V, Electrolytic	3198	030	41010	2687	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2501	Cap, 47p, 5%, 50V, Ceramic	3198	016	34790	2690	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2502	Cap, 330n, +80/-20%, 25V, Ceramic	2222	910	19856	2691	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2503	Cap, 330n, +80/-20%, 25V, Ceramic	2222	910	19856	2693	Cap, 220p, 5%, 50V, Ceramic	3198	016	32210
2504	Cap, 330n, +80/-20%, 25V, Ceramic	2222	910	19856	2694	Cap, 1n, 5%, 25V, Ceramic	3198	016	31020
2505	Cap, 330n, +80/-20%, 25V, Ceramic	2222	910	19856	2695	Cap, 100u, 20%, 16V, Electrolytic	3198	030	41010
2506	Cap, 330n, +80/-20%, 25V, Ceramic	2222	910	19856	2697	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2507	Cap, 330n, +80/-20%, 25V, Ceramic	2222	910	19856	2698	Cap, 2u2, +80/-20%, 10V, Ceramic	3198	017	22250
2508	Cap, 100u, 20%, 16V, Electrolytic	3198	030	41010	2709	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2510	Cap, 1u, 10%, 16V, Ceramic	2020	552	96448	2710	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2511	Cap, 1u, 10%, 16V, Ceramic	2020	552	96448	2711	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2512	Cap, 220n, +80/-20%, 16V, Ceramic	3198	017	42240	2712	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2513	Cap, 10u, 20%, 16V, Electrolytic	3198	030	41090	2713	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2515	Cap, 100p, 5%, 50V, Ceramic	3198	016	31010	2714	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2520	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2716	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2521	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040	2718	Cap, 15p, 5%, 50V, Ceramic	3198	016	31590

S = Safety Part Be sure to use exact replacement part.

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3738	Res, 1K, 5%, 1/16W, Metalized Glass. . .	3198 021 31020	5717	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3739	Res, 15K, 5%, 1/16W, Metalized Glass. . .	3198 021 31530	5718	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3740	Res, 1K, 5%, 1/16W, Metalized Glass. . .	3198 021 31020	5719	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3741	Res, 18K, 5%, 1/16W, Metalized Glass. . .	3198 021 31830	5721	Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90080
3742	Res, 18K, 5%, 1/16W, Metalized Glass. . .	3198 021 31830	5722	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3744	Res, 2K2, 5%, 1/16W, Metalized Glass. . .	3198 021 32220	5724	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3745	Res, 1K, 5%, 1/16W, Metalized Glass. . .	3198 021 31020	5726	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3746	Res, 3K9, 5%, 1/16W, Metalized Glass. . .	3198 021 33920	5727	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3747	Res, 150K, 5%, 1/16W, Metalized Glass. . .	3198 021 31540	5728	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3748	Res, 220K, 5%, 1/16W, Metalized Glass. . .	3198 021 32240	5729	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3749	Res, 3K9, 5%, 1/16W, Metalized Glass. . .	3198 021 33920	5731	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3750	Res, 3K3, 5%, 1/16W, Metalized Glass. . .	3198 021 33320	5736	Coil, 6u8.	3198 018 36880
3751	Res, 4K7, 5%, 1/16W, Metalized Glass. . .	3198 021 34720	5737	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3752	Res, 1 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31080	5738	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3753	Res, 1 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31080	5742	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3754	Res, 100 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31010	5743	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3755	Res, 4K7, 5%, 1/16W, Metalized Glass. . .	3198 021 34720	5744	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3756	Res, 8K2, 5%, 1/16W, Metalized Glass. . .	3198 021 38220	5900	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3757	Res, 47 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 34790	5901	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3758	Res, 4K7, 5%, 1/16W, Metalized Glass. . .	3198 021 34720	5902	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3759	Res, 220 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 32210	5903	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3762	Res, 100 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31010	5904	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3763	Res, 22 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 32290	5910	Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3764	Res, 10 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31090	5911	Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3771	Res, 15 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31590	5912	Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3772	Res, 15 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31590	5913	Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3773	Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5914	Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3774	Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5915	Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3781	Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5917	Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3782	Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5918	Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3783	Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5919	Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3792	Res, 1K, 5%, 1/16W, Metalized Glass. . .	3198 021 31020	5920	Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3793	Res, 2K2, 5%, 1/16W, Metalized Glass. . .	3198 021 32220	6001	Diode, Signal, BAT54.	3198 010 10660
3794	Res, 15 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31590	6002	Diode, Signal, BAS316.	3198 010 10630
3795	Res, 33 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 33390	6003	Diode, Signal, BAT54.	3198 010 10660
3804	Res, 1K, 5%, 1/16W, Metalized Glass. . .	3198 021 31020	6004	Diode, Signal, BAT54.	3198 010 10660
5150	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6005	Diode, Regulator, PLVA2650A.	9340 309 70215
5151	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6320	Diode, Signal, BAS316.	3198 010 10630
5152	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6321	Diode, Signal, BAS316.	3198 010 10630
5153	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6322	Diode, Signal, BAS316.	3198 010 10630
5154	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6652	Zener Diode, 10V.	3198 020 51090
5155	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6657	Zener Diode, 2.7 volt.	9340 548 43115
5303	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	6658	Diode, Signal, BAS316.	3198 010 10630
5304	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	6926	Zener Diode, 8.2V.	3198 020 58280
5305	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	6956	Zener Diode, 8.2V.	3198 020 58280
5306	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	6957	Zener Diode, 8.2V.	3198 020 58280
5307	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7001	IC, TV System Controller, QFP120, SAA5801 H/015.	9352 684 81557
5308	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7002	Transistor, NPN, BC857BW.	3198 010 42320
5309	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7003	Transistor, NPN, BC847BW.	3198 010 42310
5310	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7004	Transistor, NPN, BC847BW.	3198 010 42310
5311	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7005	IC, Adj. Pos. Voltage Regulator.	9322 116 74668
5402	Coil, 8u2.	3198 018 38280	7006	IC, CMOS Flash Memory, TC58FVMT2ATG65.	9322 194 83671
5404	Inductor, Fixed, EMI, 120 ohm@100MHZ.	2422 535 95427	7007	IC, CMOS 16 Bit Dynamic RAM, MSM51V18165F.	9322 157 20668
5405	Inductor, Fixed, EMI, 120 ohm@100MHZ.	2422 535 95427	7007	IC, CMOS 16-Bit Dynamic RAM, IS41LV16100.	9322 200 55668
5406	Res, Zero ohm, 'Chip' Jumper.	3198 021 90020	7008	Transistor, NPN, BC847BW.	3198 010 42310
5408	IND VAR SM 5CCB 91MHZ PM R.	2422 549 44875	7009	Transistor, NPN, BC847BW.	3198 010 42310
5409	IND FXD 0603 EMI 100MHZ 120R.	2422 549 42893	7010	Transistor, NPN, BC857BW.	3198 010 42320
5409	Inductor, Fixed, 100MHZ, 120R.	2422 549 42896	7011	IC, M24C32-WMN6.	9322 124 74668
5411	Coil, 330n.	3198 018 33370	7013	Transistor, NPN, BC847BW.	3198 010 42310
5415	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7014	Transistor, NPN, BC857BW.	3198 010 42320
5416	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7015	Transistor, NPN, PMBT2369.	3198 010 43360
5417	Coil, 33u.	3198 018 33390	7016	Transistor, NPN, PMBT2369.	3198 010 43360
5651	Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7100	IC, 3.3V Prog. LVDS Transmitter, DS90C385.	9322 159 45668
5652	Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7305	Transistor, NPN, BC847BW.	3198 010 42310
5653	Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7312	Transistor, NPN, PDC144EU.	3198 010 44330
5654	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7320	Transistor, NPN, BC847BW.	3198 010 42310
5655	Coil, 22u.	3198 018 32290	7322	Transistor, NPN, BC847BW.	3198 010 42310
5656	Coil, 6u8.	3198 018 36880	7323	IC, IIC-Bus Controlled TV Processor.	9352 625 24518
5657	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7375	Transistor, NPN, BC847BW.	3198 010 42310
5658	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7402	Transistor, NPN, BC847BW.	3198 010 42310
5659	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7404	Transistor, NPN, BC847BW.	3198 010 42310
5660	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7408	Transistor, PNP, BC857B.	3198 010 42150
5661	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7409	Transistor, PNP, BC857B.	3198 010 42150
5662	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7410	Transistor, NPN, BC847BW.	3198 010 42310
5663	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7411	Transistor, NPN, BC847B.	3198 010 42030
5664	Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7651	IC, Multi-standard Sound Processor, MSP34 21G.	9322 183 23671
5665	Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7654	Transistor, NPN, BC847BS.	9340 425 20115
5666	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7664	Transistor, NPN, BC847BPN.	9340 425 30115
5667	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7665	Transistor, NPN, BC847BPN.	9340 425 30115
5668	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7666	Transistor, NPN, BC847BPN.	9340 425 30115
5669	Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7668	Transistor, NPN, BC857BW.	3198 010 42320
5670	Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7674	Transistor, NPN, BC847BW.	3198 010 42310
5671	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7675	Transistor, NPN, BC847BS.	9340 425 20115
5672	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7678	Transistor, NPN, BC847BS.	9340 425 20115
5706	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7679	Transistor, NPN, BC847BS.	9340 425 20115
5707	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7681	IC, LP/LN Operational Amplifier.	9322 060 73668
5710	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7682	Transistor, NPN, BC847B.	3198 010 42030
5711	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7706	IC, Digital, LF25CDT.	9322 142 88668
5712	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7706	IC, Voltage Regulator w/Inhibit.	9322 164 71668
5713	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7707	Transistor, NPN, BC847B.	3198 010 42030
5714	Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90080			
5716	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090			

S = Safety Part Be sure to use exact replacement part.

7708	Transistor, NPN, BC847B.	3198	010	42030
7709	Transistor, NPN, BC847B.	3198	010	42030
7710	Transistor, NPN, BC847B.	3198	010	42030
7711	IC Socket, 32 Pin, V, F.	2422	486	80938
7711	IC, 512 Kbit EPOM, M27C512	9322	127	85668
7712	IC, Octal D-type Transparent Latch	9351	870	00118
7713	IC, PICNIC, SAA4978H	9352	688	09557
7714	IC, (2) 2Mbit FIFO Memory, MS81V04160A-25 TB.	9322	192	96702
7715	Transistor, NPN, PMBT2369.	3198	010	43360
7717	IC, 3M-bit FIFO Memory, MSM54V12222B	9322	183	81668
7718	IC, Field/Line Rate Converter, SAA4993H.	9352	695	58557
7719	IC, 3M-bit FIFO Memory, MSM54V12222B	9322	183	81668
7722	IC, (2) 2Mbit FIFO Memory, MS81V04160A-25 TB.	9322	192	96702
7723	IC, (2) 2Mbit FIFO Memory, MS81V04160A-25 TB.	9322	192	96702
7724	IC, EAGLE - Video Enhancment Processor, T 8F24EF	9322	188	08702
7725	Transistor, NPN, PMBT2369.	3198	010	43360
7726	IC, Adj. Pos. Volt. Reg., LD1117DT33	9322	134	45668
7727	IC, Low Drop Volt. Reg. w/Inhibit, LF15AB DT.	9322	170	14668
7734	IC, Inverter, LVLP, 74LVC1G04.	3198	010	70390
7735	IC, D-type flip-flop, 74LVC1G79.	9352	686	75125
9008	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9009	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9010	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9011	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9012	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9013	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9014	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9302	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9303	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9304	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9313	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9322	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9401	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9403	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9406	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9407	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9410	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9413	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9414	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9416	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9417	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9520	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9522	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9603	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9604	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9610	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9611	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9632	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9642	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9645	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9652	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9676	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9677	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9682	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9683	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9684	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9685	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9686	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9687	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9688	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9689	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9691	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9692	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9702	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9703	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9704	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9712	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9714	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9716	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9717	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9718	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9719	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9721	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9723	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9725	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9729	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9731	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9733	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9735	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9739	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9740	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9741	Res, Network, 4x10 ohm, 5%	3198	031	11090
9744	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9747	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9754	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9760	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9761	Res, Zero ohm, 'Chip' Jumper	3198	021	90030

S = Safety Part Be sure to use exact replacement part.

9762	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9763	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9764	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9765	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9768	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9769	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9901	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9902	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9903	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9904	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9905	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9906	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9907	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9908	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9909	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9919	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9920	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9921	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9925	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9927	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9928	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9929	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9935	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9937	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9938	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9939	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9944	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9945	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9946	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9947	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9948	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9949	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9950	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9951	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9952	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9953	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9954	Res, Zero ohm, 'Chip' Jumper	3198	021	90030

Scaler Board MSB Panel

Scaler Board MSB Panel				
0300	Connector, 64 Pin, BM, M	2422	025	17714
0303	Socket, DVI Connector, H, 24 Pin, F.	2422	033	00484
0305	Socket, DVI Connector, H, 24 Pin, F.	2422	033	00484
0308	Phono Jack Board, 4 Plugs, Red & White	2422	026	05422
0310	Sub-D Connector, 15 Pin, BM, F.	2422	025	17027
0311	Phono Jack Board, 6 Plugs, Red, Blue, Gr	2422	026	05421
0315	Connector, 5 Pin, M, IDE	2422	025	17931
1100	Connector, V, F, 16 Pin.	2422	025	17202
1101	Connector, 4 Pin	2422	025	12479
1105	Connector, 10 Pin, V, M.	2422	021	98888
1106	Connector, 10 Pin, V, M.	2422	021	98888
1152	Scaler Board MSB Panel Assembly.	3122	357	22272
1300	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1301	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1302	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1303	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1401	Connector, V, 10 Pin, F.	2422	025	16729
1501	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1502	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1503	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1504	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1505	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1700	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1701	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1702	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1703	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
2101	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2102	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2103	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2104	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2105	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2106	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2107	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2108	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2109	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2110	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2111	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2121	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2122	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2138	Cap, 220p, 5%, 50V, Ceramic	3198	016	32210
2139	Cap, 470n, +80/-20%, 10V, Ceramic	3198	017	44740
2151	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2152	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2153	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2154	Cap, 47n, 10%, 16V, Ceramic	3198	017	34730
2155	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2156	Cap, 47n, 10%, 16V, Ceramic	3198	017	34730
2157	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2158	Cap, 47n, 10%, 16V, Ceramic	3198	017	34730
2159	Cap, 4p7, 5%, 50V, Ceramic	3198	016	34780
2160	Cap, 10u, 20%, 16V, Electrolytic	3198	030	41090

S = Safety Part Be sure to use exact replacement part.

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5486	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7537	IC, LVDS Receiver to 24bit Conv., DS90CF386.	9322	164	41668
5488	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7581	IC, Dual Retrig. Mono Multivibrator, 74HC T4538.	9337	153	90118
5535	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7582	Transistor, NPN, BC847BW.	3198	010	42310
5536	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7583	IC, Video Sync Separator, LM188.	9322	005	78668
5539	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7589	IC, Triple 2 Ch. Analog Multiplex/Demulti-plexer.	9337	153	20118
5581	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7592	IC, Ultra Fast Comparator, TL3016.	9322	125	63668
5582	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7593	IC, Hex Inverting Schmitt-trigger, 74LVC14A.	9352	607	39118
5583	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7594	Transistor, NPN, BC847BW.	3198	010	42310
5584	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7633	IC, Serial EEPROM.	9322	046	99668
5585	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7710	IC, Wide Band Analog Switch, M52758FP.	9322	185	90668
5633	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7715	Transistor, NPN, BC847BW.	3198	010	42310
5710	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7716	Transistor, NPN, BC847BW.	3198	010	42310
5711	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7717	Transistor, NPN, BC847BW.	3198	010	42310
5712	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7725	Transistor, NPN, BC847BW.	3198	010	42310
5715	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7746	IC, HDCP Panellink Receiver, SII169CT100	9322	185	79668
5724	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7747	IC, Serial EEPROM.	9322	046	99668
5746	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7749	Transistor, N-Ch. Enhancement FET.	9339	663	40215
5747	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7750	Transistor, N-Ch. Enhancement FET.	9339	663	40215
5749	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7820	IC, Adj. Step Down PWM Controller, L6910	9322	182	77668
5751	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7830	Transistor, Dual N-Ch. MOSFET, SI4936ADY	9322	160	70668
5780	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7850	IC, Adj. Step Down PWM Controller, L6910	9322	182	77668
5830	Coil, 22u.	2422	535	95278	7860	Transistor, Dual N-Ch. MOSFET, SI4936ADY	9322	160	70668
5860	Coil, 22u.	2422	535	95278	7870	IC, Adj. Pos. Volt. Reg., LD1117DT.	9322	144	97668
5890	Coil, 22u.	2422	535	95278	Cabinet & Accessory Parts				
5892	Coil, 22u.	2422	535	95278	0005	System Cooling Fan Assembly.	3135	037	71361
6220	Diode, Signal, BAV99.	3198	010	10620	0006	Housing, Control (EPIC).	3135	037	72911
6221	Diode, Signal, BAV99.	3198	010	10620	0009	Cable, Thermal Sw. 2 Pin, 600mm.	3135	038	70071
6405	Diode, Signal, BAT54.	3198	010	10660	0010	Roller Switch, f/Light Engine Lamp Door.	3135	038	40011
6485	Diode, Signal, BAT54.	3198	010	10660	0016	Lamp, Light Engine.	3122	438	71310
6581	Diode, Signal, BAS316.	3198	010	10630	0017	Light Engine Asm., 1.18", D45, XION 1.05	3122	437	11432
6630	Zener Diode, 6.8V.	3198	020	56880	0018	Bracket, Light Engine.	3135	034	01923
6631	Zener Diode, 6.8V.	3198	020	56880	0019	Screen Lenticular, 44W LCoS.	3135	033	20781
6632	Zener Diode, 6.8V.	3198	020	56880	0020	Screen, Fresnel, 44W LCoS.	3135	033	20291
6633	Zener Diode, 33V.	3198	020	53390	0021	Mirror, 44W LCoS.	3135	034	90111
6634	Zener Diode, 33V.	3198	020	53390	0022	Screen Protector, EPIC 44W.	3135	034	02802
6635	Zener Diode, 33V.	3198	020	53390	0023	Shield, Light.	3135	034	04241
6636	Zener Diode, 33V.	3198	020	53390	0024	Stud, Adjusting, f/Light Engine (3 used)	3135	030	40281
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6745	Diode, Signal, BAV99.	3198	010	10620	0077	Rail, Screen, Horizontal, LCoS 44W.	3135	031	20282
6746	Diode, Signal, BAV99.	3198	010	10620	0078	Support Bracket, Mirror Top (2 used).	3135	034	01501
6747	Diode, Signal, BAV99.	3198	010	10620	0079	Support Bracket, Mirror Right.	3135	034	01511
6748	Diode, Signal, BAV99.	3198	010	10620	0080	Support Bracket, Mirror Left.	3135	034	01521
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6750	Diode, Signal, BAV99.	3198	010	10620	0091	Bracket Right, Cabinet Support.	3135	031	20264
6751	Zener Diode, 6.8V.	3198	020	56880	0092	Rail Support Bracket.	3135	031	20412
6752	Zener Diode, 6.8V.	3198	020	56880	0093	Support, Back.	3135	034	01421
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6754	Diode, Signal, BAV99.	3198	010	10620	0095	Duct, Lamp Front.	3135	034	01441
6755	Diode, Signal, BAS316.	3198	010	10630	0096	Door, Lamp Access.	3135	034	01492
6756	Diode, Signal, BAS316.	3198	010	10630	0098	Filter Assembly.	3135	037	51811
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6758	Zener Diode, 33V.	3198	020	53390	0107	Rail, System Asm. Right.	3135	031	20342
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6760	Zener Diode, 33V.	3198	020	53390	0127	Bracket, Side Jack Panel.	3135	037	51616
6761	Zener Diode, 6.8V.	3198	020	56880	0132	Frame, f/LED Sensor Panel.	3135	034	01872
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S = Safety Part Be sure to use exact replacement part.

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Scaler Board MSB Panel Parts

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REFER TO SAFETY GUIDELINES

SAFETY NOTICE: ANY PERSON ATTEMPTING TO SERVICE THIS CHASSIS MUST FAMILIARIZE HIMSELF WITH THE CHASSIS AND BE AWARE OF THE NECESSARY SAFETY PRECAUTIONS TO BE USED WHEN SERVICING ELECTRONIC EQUIPMENT CONTAINING HIGH VOLTAGES.

CAUTION: USE A SEPARATE ISOLATION TRANSFORMER FOR THIS UNIT WHEN SERVICING

LAMP DRIVER PANEL

LAMP DRIVER PANEL

LAMP DRIVER PANEL 9137 001 77405

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3D Comb Filter Panel Parts

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3089 Res, 150 ohm, 5%, 1/16W, Metalized Glass	3198 021 31510
3091 Res, 10 ohm, 5%, 1/16W, Metalized Glass.	3198 021 31090
3095 Res, 100K, 5%, 1/16W, Metalized Glass.	3198 021 31040
3096 Res, 180 ohm, 5%, 1/16W, Metalized Glass	3198 021 31810
3097 Res, 1K8, 5%, 1/16W, Metalized Glass	3198 021 31820
3098 Res, 5K6, 5%, 1/16W, Metalized Glass	3198 021 35620
3099 Res, 470 ohm, 5%, 1/16W, Metalized Glass	3198 021 34710
3100 Res, 1K, 5%, 1/16W, Metalized Glass.	3198 021 31020
3101 Res, 1K, 5%, 1/16W, Metalized Glass.	3198 021 31020
3102 Res, 100 ohm, 5%, 1/16W, Metalized Glass	3198 021 31010
3103 PTC, 6V, 1R3	2122 662 00139
3104 PTC, 6V, 1R3	2122 662 00139
3105 Res, 560 ohm, 5%, 1/16W, Metalized Glass	3198 021 35610
5000 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5001 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5003 Filter, Fixed, 14M3.	2422 549 44784
5004 Filter, Fixed, 14M3.	2422 549 44784
5005 Coil, 10u.	3198 018 41090
5006 Filter, Fixed, 14M3.	2422 549 44785
5007 Coil, 10u.	3198 018 41090
5008 Coil, 22u.	3198 018 72290
5009 Coil, 22u.	3198 018 72290
5010 Coil, 15u.	2422 535 94758
5011 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5012 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5013 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5014 Inductor, Fixed, 100Mhz, 30 ohm	3198 018 90060
5015 Inductor, Fixed, 100Mhz, 30 ohm	3198 018 90060
5017 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5019 Coil, 10u.	3198 018 41090
5020 Coil, 10u.	3198 018 41090
5021 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5022 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5024 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5025 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5027 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5028 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5029 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5030 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
6000 Diode, Signal, BAV99	3198 010 10620
6001 Diode, Signal, BAV99	3198 010 10620
6002 Diode, Signal, BAV99	3198 010 10620
6003 LED, VS, TLMH3100.	9322 072 71685

S = Safety Part Be sure to use exact replacement part.

6004	Diode, Rect, S1D.	9322	128	69685	2352	Cap, 1000u, 20%, 10V, Electrolytic	2020	021	91814
6005	Diode, Rect, S1D.	9322	128	69685	2353	Cap, 22u, 20%, 35V, Electrolytic	2020	021	91811
6006	Diode, Signal, 1PS76SB10	9340	453	90115	2354	Cap, 22u, 20%, 100V, Electrolytic. . . .	2020	021	91813
6007	Diode, Signal, BAS17	9335	262	90215	2355	Cap, 1u, 20%, 100V, Electrolytic	2020	021	91812
7000	Transistor, NPN, BC847B.	9335	895	90215	2356	Cap, 100p, 10%, 500V, Ceramic.	3198	019	41010
7001	Transistor, PNP, BC857B.	9335	897	60215	2357	Cap, 1500u, 20%, 25V, Electrolytic	2020	021	91806
7002	Transistor, NPN, BF570	9338	144	20215	2358	Cap, 1000u, 20%, 25V, Electrolytic	2020	021	91805
7003	Transistor, PNP, BC857B.	9335	897	60215	2360	Cap, 1500u, 20%, 25V, Electrolytic	2020	021	91806
7004	Transistor, NPN, BC847B.	9335	895	90215	2361	Cap, 1000u, 20%, 25V, Electrolytic	2020	021	91805
7005	Transistor, PNP, BC857B.	9335	897	60215	2362	Cap, 470p, 10%, 1KV, Ceramic	3198	019	54710
7006	Transistor, NPN, BF570	9338	144	20215	2363	Cap, 470u, 20%, 50V, Electrolytic. . . .	2020	021	91809
7007	Transistor, PNP, BC857B.	9335	897	60215	2364	Cap, 470u, 20%, 50V, Electrolytic. . . .	2020	021	91809
7008	Transistor, NPN, BC847B.	9335	895	90215	2365	Cap, 1u, 20%, 100V, Electrolytic	2020	021	91812
7009	Transistor, PNP, BC857B.	9335	897	60215	2366	Cap, 1000u, 20%, 10V, Electrolytic	2020	021	91814
7010	Transistor, NPN, BC847B.	9335	895	90215	2367	Cap, 22u, 20%, 35V, Electrolytic	2020	021	91811
7011	Transistor, NPN, BC847B.	9335	895	90215	3221	Res, 33K, 5%, 1W, Metal Film	3198	012	13330
7012	Transistor, PNP, BF550	9334	509	00215	3222	Res, 100 ohm, 5%, 2W, Metal Film	2120	105	93422
7015	Transistor, NPN, BC847B.	9335	895	90215	3223	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51020
7016	Transistor, PNP, BC857B.	9335	897	60215	3224	Res, 470 ohm, 5%, 1/6W, Carbon Film. . . .	3198	011	04710
7017	Transistor, NPN, BC847B.	9335	895	90215	3226	Res, 10K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51030
7019	IC, LM809M3-3.08	9322	163	48668	3227	Res, 33 ohm, 5%, 2W, Metal Film.	2120	105	93418
7020	Transistor, NPN, BC847B.	9335	895	90215	3228	Res, 100K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51040
7021	IC, LD1117DT33	9322	134	45668	3229	Res, 47 ohm, 5%, 1/10W, Metalized Glass. . . .	3198	021	54790
7022	IC, LD1117DT25	9322	160	50668	3230	Res, 33 ohm, 5%, 2W, Metal Film.	2120	105	93418
7023	IC, UPD64083GF	9322	170	65671	3231	Res, 33K, 5%, 1/6W, Carbon Film.	3198	011	03330

Main Power Panel Parts

Main Power Panel Parts									
0218	Insulator, SP900, 19.0x27.9x0.23	3135	010	02331	3252	Res, 22 ohm, 1%, 3/5W, Metal Film. . . .	2312	915	11073
0219	Clip, Transistor	3135	011	02681	3253	Res, 27K, 1%, 3/5W, Metal Film.	2312	915	12209
0220	Spring Clip.	3139	121	24583	3254	Res, 4K7, 1%, 1/8W, Metalized Glass. . . .	2312	915	12703
0221	Spring Clip.	3139	121	24583	3255	Res, 33K, 5%, 1/6W, Carbon Film.	2322	734	64702
0300	Insulator, SP900, 19.0x27.9x0.23	3135	010	02331	3256	Res, 1K, 5%, 1/6W, Carbon Film.	3198	011	03330
0301	Clip, Transistor	3135	011	02681	3257	Res, 1K, 5%, 1/6W, Carbon Film.	3198	011	01020
0302	Spring Clip.	3139	121	24583	3259	Res, 680 ohm, 5%, 1/6W, Carbon Film. . . .	3198	011	01020
0305	Spring Clip.	3139	121	24583	3260	Res, 2K2, 5%, 1/6W, Carbon Film.	3198	011	06810
0306	Spring Clip.	3139	121	24583	3321	Res, 22K, 5%, 1W, Metal Film	3198	012	02220
1206	Connector, 1 Pin	2422	015	18552	3322	Res, 100 ohm, 5%, 2W, Metal Film	3198	012	12230
1218	Heatsink	3135	031	60071	3323	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	2120	105	93422
1219	Heatsink, Dual T0-220.	3135	031	60133	3324	Res, 470 ohm, 5%, 1/6W, Carbon Film. . . .	3198	011	51020
1300	Heatsink	3135	031	60071	3325	Res, 33 ohm, 5%, 2W, Metal Film.	3198	011	04710
1302	Heatsink, Dual T0-220.	3135	031	60133	3326	Res, 8K2, 5%, 1/10W, Metalized Glass. . . .	2120	105	93418
1305	Heatsink, Dual T0-220.	3135	031	60133	3327	Res, 10K, 5%, 1/10W, Metalized Glass. . . .	3198	021	58220
1311	Connector, 6 Pin, BM, V, M	2422	025	14044	3328	Res, 2K7, 1%, 1/8W, Metalized Glass. . . .	3198	021	51030
1312	Connector, 7 Pin	2422	025	11244	3329	Res, 150 ohm, 5%, 1/6W, Carbon Film. . . .	2322	734	62702
1313	Connector, 8 Pin, BM, V, M	2422	025	10648	3330	Res, 220 ohm, 5%, 1 1/3W, Metal Film	3198	011	05150
1314	Connector, 9 Pin, BM, V, M	2422	025	12827	3331	Res, 270 ohm, 5%, 1/10W, Metalized Glass	3198	012	22110
1315	Connector, 10 Pin, BM, V, M.	2422	025	15085	3332	Res, 56K, 5%, 1/10W, Metalized Glass. . . .	3198	021	52710
2220	Cap, 100u, 20%, 400V, Electrolytic	2020	021	91759	3333	Res, 6R8, 1%, 3/5W, Metal Film	3198	021	55630
S 2221	Cap, 470p, 10%, 250V, Ceramic.	2020	554	90169	3334	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	2312	915	16808
2222	Cap, 1n, 10%, 1KV, Ceramic	2020	558	90557	3335	Res, 100K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51020
2223	Cap, 470p, 5%, 50V, Ceramic.	3198	016	04710	3336	Res, 100 ohm, 5%, 1/6W, Carbon Film. . . .	3198	021	51040
2226	Cap, 1n, 10%, 1KV, Ceramic	2020	558	90557	3338	Res, 10K, 1%, 3/5W, Metal Film	3198	011	01010
2227	Cap, 22u, 20%, 35V, Electrolytic	2020	021	91811	3339	Res, 1K, 5%, 1 1/3W, Metal Film.	2312	915	11003
2227	Cap, 22u, 20%, 35V, Electrolytic	2020	021	91811	3340	Res, 22K, 5%, 1W, Metal Film	3198	012	21020
2233	Cap, 330p, 10%, 1KV, Ceramic	3198	019	63310	S 3341	Res, 680 ohm, 5%, 3W, Metal Film	3198	012	12230
2235	Cap, 1n, 10%, 1KV, Ceramic	3198	019	51020	3342	Res, 10K, 1%, 3/5W, Metal Film	3198	012	36810
2236	Cap, 470p, 10%, 1KV, Ceramic	3198	019	64710	3343	Res, 1K8, 1%, 1/10W, Metalized Glass	2312	915	11003
2237	Cap, 470p, 10%, 1KV, Ceramic	3198	019	54710	3344	Res, 750K, 1%, 3/5W, Metal Film.	2120	108	92618
2238	Cap, 3300u, 20%, 16V, Electrolytic	2020	021	91816	3345	Res, 27K, 1%, 1/8W, Metalized Glass. . . .	2312	915	17504
2239	Cap, 1000u, 20%, 16V, Electrolytic	2020	021	91803	3346	Res, 3K3, 5%, 1/6W, Carbon Film.	2322	734	62703
2240	Cap, 1000u, 20%, 16V, Electrolytic	2020	021	91803	3347	Res, 10 ohm, 5%, 1W, Metal Film.	3198	011	03320
2241	Cap, 10u, 20%, 50V, Electrolytic	2020	021	91808	3348	Res, 100 ohm, 5%, 2W, Metal Film	3198	012	11090
2243	Cap, 100n, 10%, 50V, Polyester	3198	014	01040	3349	Res, 0R47, 5%, 3/5W, Metal Film.	2120	105	93422
2244	Cap, 22u, 20%, 35V, Electrolytic	2020	021	91811	3350	Res, 0R2, 5%, 1/4W, Carbon Film.	3198	012	14770
2245	Cap, 47u, 20%, 16V, Electrolytic	2020	021	91804	3351	Res, 0R1, 5%, 1 1/3W, Metal Film	2120	101	74828
2246	Cap, 1u, 20%, 100V, Electrolytic	2020	021	91812	3352	Res, 2K7, 1%, 3/5W, Metal Film	3198	012	21070
2247	Cap, 22u, 20%, 35V, Electrolytic	2020	021	91811	3353	Res, 100K, 5%, 1/10W, Metalized Glass. . . .	2312	915	12702
2265	Cap, 1u, 20%, 100V, Electrolytic	2020	021	91812	3354	Res, 8K2, 5%, 1/10W, Metalized Glass. . . .	3198	021	51040
2310	Cap, 1n, 10%, 1KV, Ceramic	2020	558	90557	3355	Res, 150K, 5%, 1/6W, Carbon Film	3198	021	58220
2312	Cap, 1n, 10%, 1KV, Ceramic	2020	558	90557	3356	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01540
2320	Cap, 100u, 20%, 400V, Electrolytic	2020	021	91759	3357	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020
S 2321	Cap, 470p, 10%, 250V, Ceramic.	2020	554	90169	3358	Res, 3K3, 5%, 1/6W, Carbon Film.	3198	011	01020
2323	Cap, 470p, 5%, 50V, Ceramic.	3198	016	04710	3359	Res, 180 ohm, 5%, 1/6W, Carbon Film. . . .	3198	011	03320
2333	Cap, 470p, 10%, 1KV, Ceramic	3198	019	64710	S 5201	Line Filter, 100uH, 2.2A	3198	011	01810
2335	Cap, 100p, 10%, 1KV, Ceramic	3198	019	51010	5208	Fixed, Inductor, 100MHZ, 80 ohm.	2422	549	44101
2336	Cap, 4n7, 10%, 400V, Metalized Polyester	2222	365	55472	5209	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
2337	Cap, 470p, 10%, 1KV, Ceramic	3198	019	54710	S 5210	Switching Transformer, US28207-00. . . .	3198	018	90020
2338	Cap, 1000u, 20%, 25V, Electrolytic	2020	021	91805	5212	Fixed, Inductor, 100MHZ, 80 ohm.	2422	531	02555
2339	Cap, 100n, 10%, 50V, Polyester	3198	014	01040	5213	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
2340	Cap, 10n, 10%, 50V, Ceramic.	3198	017	01030	5214	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
2341	Cap, 10u, 20%, 50V, Electrolytic	2020	021	91808	5215	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
2342	Cap, 100n, 10%, 50V, Polyester	3198	014	01040	5216	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
2343	Cap, 47u, 20%, 16V, Electrolytic	2020	021	91804	5217	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
2344	Cap, 47u, 20%, 16V, Electrolytic	2020	021	91804	S 5301	Line Filter, 100uH, 2.2A	2422	549	44101
2345	Cap, 10n, 10%, 50V, Ceramic.	3198	017	01030	5305	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
2346	Cap, 100n, 10%, 50V, Polyester	3198	014	01040	5306	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
2347	Cap, 470p, 5%, 50V, Ceramic.	3198	016	04710	5307	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
2348	Cap, 1n, 10%, 50V, Ceramic	3198	019	11020	5308	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
2349	Cap, 1000u, 20%, 10V, Electrolytic	2020	021	91814	5309	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
2350	Cap, 4n7, 10%, 50V, Ceramic.	3198	019	14720	S 5310	Switching Transformer, US28212-02. . . .	2422	531	02594
2351	Cap, 22n, +80/-20%, 50V, Ceramic	3198	019	22230	5315	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020

S = Safety Part Be sure to use exact replacement part.

5316	Coil, 10u.	2422	535	94639	2118	Cap, 470n, +80/-20%, 16v, Ceramic. . . .	3198	017	24740
5317	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2119	Cap, 470n, +80/-20%, 16v, Ceramic. . . .	3198	017	24740
5318	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2120	Cap, 220p, 5%, 50v, Ceramic.	3198	016	02210
5319	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2121	Cap, 10u, 20%, 50v, Electrolytic.	3198	029	51090
5320	Coil, 10u.	2422	535	94639	2122	Cap, 10u, 20%, 50v, Electrolytic.	3198	029	51090
5321	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2123	Cap, 10u, 20%, 50v, Electrolytic.	3198	029	51090
5322	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2124	Cap, 10u, 20%, 50v, Electrolytic.	3198	029	51090
5323	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2149	Cap, 470n, +80/-20%, 16v, Ceramic.	3198	017	24740
5324	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2150	Cap, 1u, +80/-20%, 16v, Ceramic.	3198	017	21050
5325	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2151	Cap, 100n, +80/-20%, 25v, Ceramic.	3198	023	21040
5326	Coil, 10u.	2422	535	95363	2152	Cap, 100n, +80/-20%, 25v, Ceramic.	3198	023	21040
5327	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2153	Cap, 100n, +80/-20%, 25v, Ceramic.	3198	023	21040
5328	Coil, 330u	2422	535	94863	2154	Cap, 100n, +80/-20%, 50v, Ceramic.	2020	552	95499
6201	Diode, Rect, BY229X-800	9340	380	30127	2155	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6202	Zener Diode, 5.1 volt.	3198	010	55180	2156	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6202	Zener Diode, 5.1 volt.	3198	010	55180	2157	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6204	Diode, Rect., PBYR10100X.	9340	555	24127	2158	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6205	Diode, Rect, BYV95C	9335	001	80133	2159	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
S 6207	IC, Optocoupler	9338	941	50682	2160	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6209	Diode, Signal, BAV21	3198	010	10070	2161	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6301	Diode, Rect, BY229X-800	9340	380	30127	2162	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6305	Diode, Rect, BYV95C	9335	001	80133	2163	Cap, 100n, +80/-20%, 25v, Ceramic.	3198	023	21040
6306	Diode, Signal, BAV21	3198	010	10070	2164	Cap, 100n, +80/-20%, 25v, Ceramic.	3198	023	21040
S 6307	IC, Optocoupler	9338	941	50682	2165	Cap, 100n, +80/-20%, 25v, Ceramic.	3198	023	21040
6308	Zener Diode, 5.1 volt.	3198	010	55180	2166	Cap, 2u2, +80/-20%, 10v, Ceramic.	3198	017	22250
6309	Diode, Signal, BAV21	3198	010	10070	2167	Cap, 22u, 20%, 50v, Electrolytic.	3198	025	52290
6312	Diode, Rect, SB360L-7024	9322	161	78682	2168	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
6313	Diode, Rect, BYV95C	9335	001	80133	2169	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
6314	Diode, Rect, BYW29EX-200.	9340	412	80127	2170	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
6315	Diode, Rect., PBYR10100X.	9340	555	24127	2171	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
6316	Diode, Rect, BYW95C-24.	9340	559	53112	2173	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
7202	IC, PWM Off-line Switcher.	9322	166	44687	2174	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
7203	Transistor, N Ch. FET, 2SK2886	9322	199	01687	2175	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
7206	IC, Prog. Ref. Regulator	9322	115	98676	2176	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
7209	IC, Prog. Ref. Regulator	9322	115	98676	2177	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
7210	Transistor, PNP, BC557B.	3198	020	40110	2178	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
7211	Transistor, NPN, BC547B.	3198	020	40030	2180	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7302	IC, PWM Off-line Switcher, TOP247Y	9322	181	88687	2181	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7303	Transistor, N Ch. FET, 2SK2886	9322	199	01687	2182	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7304	IC, Prog. Ref. Regulator	9322	115	98676	2183	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7306	IC, Prog. Ref. Regulator	9322	115	98676	2184	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7307	IC, Inverting Step Switch Reg., MC34063A	9322	036	71682	2185	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7308	Transistor, P Ch. FET, 2SJ334.	9322	199	02687	2186	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7309	IC, Prog. Ref. Regulator	9322	115	98676	2187	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7310	Transistor, PNP, BC557B.	3198	020	40110	2188	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
9001	Wire Jumper, 0.58MM.	3198	036	90010	2189	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
9003	Wire Jumper, 0.58MM.	3198	036	90010	3117	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010
9005	Wire Jumper, 0.58MM.	3198	036	90010	3118	Res, 30K, 1%, 1/8W, Metalized Glass.	2322	734	63003
9012	Wire Jumper, 0.58MM.	3198	036	90010	3119	Res, 100 ohm, 5%, 1/6W, Carbon Film.	3198	011	01010
9013	Wire Jumper, 0.58MM.	3198	036	90010	3120	Res, 51K, 1%, 1/8W, Metalized Glass.	2322	734	65103
9014	Wire Jumper, 0.58MM.	3198	036	90010	3121	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
9016	Wire Jumper, 0.58MM.	3198	036	90010	3122	Res, 100K, 5%, 1/10W, Metalized Glass.	3198	021	51040
9017	Wire Jumper, 0.58MM.	3198	036	90010	3123	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020
9018	Wire Jumper, 0.58MM.	3198	036	90010	3124	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020
9019	Wire Jumper, 0.58MM.	3198	036	90010	3125	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
9020	Wire Jumper, 0.58MM.	3198	036	90010	3126	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020
9024	Wire Jumper, 0.58MM.	3198	036	90010	3127	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020
9025	Wire Jumper, 0.58MM.	3198	036	90010	3128	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020
9026	Wire Jumper, 0.58MM.	3198	036	90010	3129	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020
9028	Wire Jumper, 0.58MM.	3198	036	90010	3130	Res, 1 ohm, 5%, 1/10W, Metalized Glass.	3198	021	51080
9029	Wire Jumper, 0.58MM.	3198	036	90010	3131	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020
9030	Wire Jumper, 0.58MM.	3198	036	90010	3133	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020
9031	Wire Jumper, 0.58MM.	3198	036	90010	3134	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020
9032	Wire Jumper, 0.58MM.	3198	036	90010	3136	Res, 47K, 5%, 1/10W, Metalized Glass.	3198	021	54730
9033	Wire Jumper, 0.58MM.	3198	036	90010	3137	Res, 47K, 5%, 1/10W, Metalized Glass.	3198	021	54730
9317	Wire Jumper, 0.58MM.	3198	036	90010	3139	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090
9318	Wire Jumper, 0.58MM.	3198	036	90010	3140	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090
1010	Main Power Supply Panel Asm.	3135	037	10663	3141	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090
					3142	Res, 10 ohm, 5%, 1/10W, Metalized Glass.	3198	021	51090
					3143	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090
					3144	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
					3145	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
					3146	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020
					3155	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
					3156	Res, 1K2, 5%, 1/10W, Metalized Glass.	3198	021	51220
					3157	Res, 1K2, 5%, 1/10W, Metalized Glass.	3198	021	51220
					3158	Res, 1K2, 5%, 1/6W, Carbon Film.	3198	011	01220
					3159	Res, 1K2, 5%, 1/6W, Carbon Film.	3198	011	01220
					3160	Res, 1K2, 5%, 1/10W, Metalized Glass.	3198	021	51220
					3161	Res, 1K2, 5%, 1/10W, Metalized Glass.	3198	021	51220
					3162	Res, 1K2, 5%, 1/6W, Carbon Film.	3198	011	01220
					3173	Res, 1K2, 5%, 1/6W, Carbon Film.	3198	011	01220
					3174	Res, 100 ohm, 5%, 1/6W, Carbon Film.	3198	011	01010
					3175	Res, 100 ohm, 5%, 1/6W, Carbon Film.	3198	011	01010
					3176	Res, 100 ohm, 5%, 1/6W, Carbon Film.	3198	011	01010
					3181	Res, 100 ohm, 5%, 1/6W, Carbon Film.	3198	011	01010
					3182	Res, 100 ohm, 5%, 1/6W, Carbon Film.	3198	011	01010
					3183	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010
					3184	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010
					3185	Res, 100 ohm, 5%, 1/6W, Carbon Film.	3198	011	01010
					3186	Res, 100 ohm, 5%, 1/6W, Carbon Film.	3198	011	01010
					3187	Res, 100 ohm, 5%, 1/6W, Carbon Film.	3198	011	01010

S = Safety Part Be sure to use exact replacement part.

3188	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198 021 51010	7110	Transistor, NPN, BC847B.	3198 010 42030
3189	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198 021 51010	9001	Wire Jumper, 0.58MM.	3198 036 90010
3190	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198 021 51010	9002	Wire Jumper, 0.58MM.	3198 036 90010
3191	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198 021 51010	9003	Wire Jumper, 0.58MM.	3198 036 90010
3192	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198 021 51010	9004	Wire Jumper, 0.58MM.	3198 036 90010
3193	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198 021 51010	9005	Wire Jumper, 0.58MM.	3198 036 90010
3220	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198 021 51010	9006	Wire Jumper, 0.58MM.	3198 036 90010
3221	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198 021 51010	9007	Wire Jumper, 0.58MM.	3198 036 90010
3222	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198 021 51010	9008	Wire Jumper, 0.58MM.	3198 036 90010
3223	Res, 47K, 5%, 1/10W, Metalized Glass	3198 021 54730	9009	Wire Jumper, 0.58MM.	3198 036 90010
3224	Res, 47K, 5%, 1/10W, Metalized Glass	3198 021 54730	9010	Wire Jumper, 0.58MM.	3198 036 90010
3225	Res, 47K, 5%, 1/10W, Metalized Glass	3198 021 54730	9100	Wire Jumper, 0.58MM.	3198 036 90010
3226	Res, 47K, 5%, 1/10W, Metalized Glass	3198 021 54730	9101	Wire Jumper, 0.58MM.	3198 036 90010
3227	Res, 47K, 5%, 1/10W, Metalized Glass	3198 021 54730	9102	Wire Jumper, 0.58MM.	3198 036 90010
3228	Res, 47K, 5%, 1/10W, Metalized Glass	3198 021 54730	9103	Wire Jumper, 0.58MM.	3198 036 90010
3229	Res, 47K, 5%, 1/10W, Metalized Glass	3198 021 54730	9104	Wire Jumper, 0.58MM.	3198 036 90010
3230	Res, 47K, 5%, 1/10W, Metalized Glass	3198 021 54730	9105	Wire Jumper, 0.58MM.	3198 036 90010
3231	Res, 75 ohm, 5%, 1/10W, Metalized Glass	3198 021 57590	9106	Wire Jumper, 0.58MM.	3198 036 90010
3232	Res, 75 ohm, 5%, 1/10W, Metalized Glass	3198 021 57590	9107	Wire Jumper, 0.58MM.	3198 036 90010
3233	Res, 75 ohm, 5%, 1/10W, Metalized Glass	3198 021 57590	9108	Wire Jumper, 0.58MM.	3198 036 90010
3234	Res, 75 ohm, 5%, 1/10W, Metalized Glass	3198 021 57590	9109	Wire Jumper, 0.58MM.	3198 036 90010
3235	Res, 75 ohm, 5%, 1/10W, Metalized Glass	3198 021 57590	9110	Wire Jumper, 0.58MM.	3198 036 90010
3237	Res, 75 ohm, 5%, 1/10W, Metalized Glass	3198 021 57590	9111	Wire Jumper, 0.58MM.	3198 036 90010
3238	Res, 75 ohm, 5%, 1/10W, Metalized Glass	3198 021 57590	9112	Wire Jumper, 0.58MM.	3198 036 90010
3243	Res, 68 ohm, 5%, 1/10W, Metalized Glass	3198 021 56890	9113	Wire Jumper, 0.58MM.	3198 036 90010
3244	Res, 150 ohm, 5%, 1/6W, Carbon Film	3198 011 01510	9114	Wire Jumper, 0.58MM.	3198 036 90010
3245	Res, 150 ohm, 5%, 1/6W, Carbon Film	3198 011 01510	9115	Wire Jumper, 0.58MM.	3198 036 90010
3246	Res, 150 ohm, 5%, 1/10W, Metalized Glass	3198 021 51510	9116	Wire Jumper, 0.58MM.	3198 036 90010
3247	Res, 75 ohm, 5%, 1/10W, Metalized Glass	3198 021 57590			
3248	Res, 75 ohm, 5%, 1/10W, Metalized Glass	3198 021 57590			
4000	Res, Zero ohm, "Chip" Jumper	3198 021 90020	System Panel Parts		
4001	Res, Zero ohm, "Chip" Jumper	3198 021 90020	System Panel Parts		
4002	Res, Zero ohm, "Chip" Jumper	3198 021 90020	1020	System Panel Asm.	3135 037 10712
4003	Res, Zero ohm, "Chip" Jumper	3198 021 90020	1008	Connector, 9 Pin	2422 025 16049
4004	Res, Zero ohm, "Chip" Jumper	3198 021 90020	1009	Connector, 9 Pin	2422 025 16049
4005	Res, Zero ohm, "Chip" Jumper	3198 021 90020	1200	Connector, 5 Pin	2422 025 12481
4006	Res, Zero ohm, "Chip" Jumper	3198 021 90020	1201	Connector, 10 Pin	2422 025 12484
4007	Res, Zero ohm, "Chip" Jumper	3198 021 90020	1202	Switch, Tactile	2422 128 02742
4008	Res, Zero ohm, "Chip" Jumper	3198 021 90020	1203	Tuner, V+U PLL	2422 542 90077
4009	Res, Zero ohm, "Chip" Jumper	3198 021 90020	1204	Switch, Tactile	2422 128 02742
4010	Res, Zero ohm, "Chip" Jumper	3198 021 90020	1205	Connector, SIMM, 80 Pin	2422 025 16599
4011	Res, Zero ohm, "Chip" Jumper	3198 021 90020	1207	Connector, 4 Pin	2422 025 12479
4012	Res, Zero ohm, "Chip" Jumper	3198 021 90020	1210	Connector, 64 Pin	2422 025 17715
4013	Res, Zero ohm, "Chip" Jumper	3198 021 90020	1214	Connector, 10 Pin	2422 025 12484
4014	Res, Zero ohm, "Chip" Jumper	3198 021 90020	1215	Connector, 1 Pin	2422 015 18552
4015	Res, Zero ohm, "Chip" Jumper	3198 021 90020	1216	Connector, 1 Pin	2422 015 18551
4016	Res, Zero ohm, "Chip" Jumper	3198 021 90020	1217	Connector, 1 Pin	2422 015 18552
4017	Res, Zero ohm, "Chip" Jumper	3198 021 90020	1218	Connector, 1 Pin	2422 015 18552
4018	Res, Zero ohm, "Chip" Jumper	3198 021 90020	1220	Connector, 64 Pin	2422 025 17715
4019	Res, Zero ohm, "Chip" Jumper	3198 021 90020	1241	Connector, 7 Pin	2422 025 11244
4020	Res, Zero ohm, "Chip" Jumper	3198 021 90020	1244	Connector, 3 Pin	2412 020 00725
4021	Res, Zero ohm, "Chip" Jumper	3198 021 90020	1251	Connector, 3 Pin	2412 020 00725
4022	Res, Zero ohm, "Chip" Jumper	3198 021 90020	1252	Connector, 6 Pin	2422 025 17955
4023	Res, Zero ohm, "Chip" Jumper	3198 021 90020	1262	Connector, 3 Pin	2422 025 10768
6101	Zener Diode, 6.8 volt.	3198 020 56880	1303	Connector, 5 Pin	2422 025 10428
6102	Zener Diode, 6.8 volt.	3198 020 56880	1305	Connector, 7 Pin	2422 025 09407
6103	Zener Diode, 6.8 volt.	3198 020 56880	1312	Connector, 7 Pin	2422 025 11244
6104	Zener Diode, 6.8 volt.	3198 020 56880	1313	Connector, 8 Pin	2422 025 10648
6105	Zener Diode, 6.8 volt.	3198 020 56880	1314	Connector, 9 Pin	2422 025 12827
6106	Zener Diode, 6.8 volt.	3198 020 56880	1335	Connector, 11 Pin	2422 025 12485
6107	Zener Diode, 6.8 volt.	3198 020 56880	1337	Connector, 1 Pin	2422 015 18552
6108	Zener Diode, 6.8 volt.	3198 020 56880	1344	Connector, 5 Pin	2422 025 12481
6109	Zener Diode, 6.8 volt.	3198 020 56880	1403	Connector, 12 Pin	2422 025 08333
6110	Zener Diode, 6.8 volt.	3198 020 56880	1600	Resonator Crystal, 12Mhz, 20P, DSX840 R.	2422 543 01095
6111	Zener Diode, 6.8 volt.	3198 020 56880	1681	Connector, 3 Pin	2422 025 10768
6112	Zener Diode, 6.8 volt.	3198 020 56880	1683	Connector, 5 Pin, FFC 0.3	2422 025 16563
6113	Zener Diode, 6.8 volt.	3198 020 56880	1700	Connector, 8 Pin	2422 025 12483
6114	Zener Diode, 6.8 volt.	3198 020 56880	2101	Cap, 470p, 5%, 50v, Ceramic	3198 016 04710
6115	Zener Diode, 6.8 volt.	3198 020 56880	2102	Cap, 100u, 20%, 50v, Electrolytic	3198 025 51010
6116	Zener Diode, 6.8 volt.	3198 020 56880	2103	Cap, 220u, 20%, 16v, Electrolytic	3198 025 22210
6117	Zener Diode, 6.8 volt.	3198 020 56880	2104	Cap, 1n, 5%, 50v, Ceramic	3198 016 01020
6118	Zener Diode, 6.8 volt.	3198 020 56880	2105	Cap, 100n, +80/-20%, 25v, Ceramic	3198 023 21040
6119	Zener Diode, 6.8 volt.	3198 020 56880	2106	Cap, 100n, +80/-20%, 25v, Ceramic	3198 023 21040
6120	Zener Diode, 6.8 volt.	3198 020 56880	2107	Cap, 1u, 20%, 50v, Electrolytic	3198 030 81080
6121	Diode, Signal, BAV99	9332 153 70215	2108	Cap, 2u2, 20%, 25v, Electrolytic	2020 021 91551
6122	Diode, Signal, BAV99	9332 153 70215	2109	Cap, 100n, +80/-20%, 25v, Ceramic	3198 023 21040
6123	Diode, Signal, BAV99	9332 153 70215	2110	Cap, 470u, 20%, 16v, Electrolytic	2020 021 91687
6124	Diode, Signal, BAV99	9332 153 70215	2111	Cap, 100n, +80/-20%, 25v, Ceramic	3198 023 21040
6125	Diode, Signal, BAV99	9332 153 70215	2112	Cap, 100n, +80/-20%, 25v, Ceramic	3198 023 21040
6126	Diode, Signal, BAV99	9332 153 70215	2113	Cap, 100n, +80/-20%, 25v, Ceramic	3198 023 21040
6128	Diode, Signal, BAV99	9332 153 70215	2114	Cap, 1000u, 20%, 16v, Electrolytic	3198 026 21020
6129	Diode, Signal, BAV99	9332 153 70215	2115	Cap, 2u2, 20%, 10v, Electrolytic	2020 021 91668
6130	Diode, Signal, BAV99	9332 153 70215	2116	Cap, 1n, 5%, 50v, Ceramic	3198 016 01020
6132	Diode, Signal, BAV99	9332 153 70215	2117	Cap, 100n, +80/-20%, 25v, Ceramic	3198 023 21040
6161	Zener Diode, 6.8 volt.	3198 020 56880	2118	Cap, 100n, +80/-20%, 25v, Ceramic	3198 023 21040
6162	Zener Diode, 6.8 volt.	3198 020 56880	2119	Cap, 4u7, 20%, 35v, Electrolytic	3198 030 74780
7100	IC, CXA2089S	9322 162 27682	2120	Cap, 100n, +80/-20%, 25v, Ceramic	3198 023 21040
7102	Transistor, NPN, BC847B.	3198 010 42030	2121	Cap, 100n, +80/-20%, 25v, Ceramic	3198 023 21040
7105	Transistor, NPN, BC847B.	3198 010 42030	2122	Cap, 100n, +80/-20%, 25v, Ceramic	3198 023 21040
7107	Transistor, NPN, BC847B.	3198 010 42030	2123	Cap, 330u, 20%, 16v, Electrolytic	2020 021 91536
7108	Transistor, NPN, BC847B.	3198 010 42030	2124	Cap, 470u, 20%, 10v, Electrolytic	2020 021 91569
7109	Transistor, NPN, BC847B.	3198 010 42030	2125	Cap, 1n, 5%, 50v, Ceramic	3198 016 01020
			2126	Cap, 1n, 5%, 50v, Ceramic	3198 016 01020

S = Safety Part Be sure to use exact replacement part.

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3318	Res,	68K,	5%,	1/10W,	Metalized Glass	3198	021	56830	5107	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3319	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5108	Coil, 1u			2422	535	95387
3320	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5109	Coil, 1u			2422	535	95387
3321	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5110	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3322	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5111	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3323	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5112	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3324	Res,	2K2,	5%,	1/10W,	Metalized Glass	3198	021	52220	5113	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3325	Res,	2K2,	5%,	1/10W,	Metalized Glass	3198	021	52220	5301	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3326	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	5302	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3328	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5303	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3329	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5304	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3330	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5305	Coil, 2u2.			3198	018	42280
3331	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5306	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3332	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5307	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3333	Res,	33 ohm,	5%,	1/10W,	Metalized Glass	3198	021	53390	5308	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3334	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5309	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3335	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	5310	Coil, 8u2.			3198	018	28280
3336	Res,	68K,	5%,	1/10W,	Metalized Glass	3198	021	56830	5311	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3337	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	5312	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3338	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	5313	Coil, 330u			2422	535	94649
3339	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5315	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3340	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5316	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3341	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5317	Coil, 8u2.			2422	535	96517
3342	Res,	1M,	5%,	1/10W,	Metalized Glass	3198	021	51050	6101	Diode, Signal,	BAS316.		3198	010	10630
3343	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6102	Diode, Signal,	BAS316.		3198	010	10630
3344	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6103	Diode, Signal,	BAS316.		3198	010	10630
3345	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6104	Diode, Signal,	BAS316.		3198	010	10630
3346	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6105	Diode, Rect,	SB140.		9339	577	60673
3347	Res,	1M,	5%,	1/10W,	Metalized Glass	3198	021	51050	6106	Diode, Signal,	BAS316.		3198	010	10630
3348	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6107	Diode, Signal,	BAS316.		3198	010	10630
3349	Res,	1K,	5%,	1/10W,	Metalized Glass	3198	021	51020	6108	Diode, Signal,	BAS316.		3198	010	10630
3350	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	6109	Diode, Signal,	BAS316.		3198	010	10630
3351	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6110	Diode, Signal,	BAS316.		3198	010	10630
3352	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6111	Diode, Signal,	BAS316.		3198	010	10630
3353	Res,	3K3,	5%,	1/10W,	Metalized Glass	3198	021	53320	6112	Zener Diode,	15 volt		9335	006	90133
3354	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6113	Diode, Signal,	1PS76SB10		9340	453	90115
3355	Res,	220 ohm,	5%,	1/10W,	Metalized Glass	3198	021	52210	6114	Diode, Signal,	1PS76SB10		9340	453	90115
3356	Res,	1K2,	5%,	1/10W,	Metalized Glass	3198	021	51220	6201	Zener Diode,	6.8 volt.		9340	548	55115
3357	Res,	1K,	5%,	1/10W,	Metalized Glass	3198	021	51020	6202	Zener Diode,	6.8 volt.		9340	548	55115
3358	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6300	Diode, Signal,	BAS316.		3198	010	10630
3359	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6301	Diode, Signal,	BAS316.		3198	010	10630
3360	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6302	Diode, Signal,	BAS316.		3198	010	10630
3361	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6304	Diode, Signal,	BAS316.		3198	010	10630
3362	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	6305	Diode, Signal,	BAS316.		3198	010	10630
3363	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	6306	Diode, Signal,	BAS316.		3198	010	10630
3364	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	7001	Transistor, NPN,	BC847B.		3198	010	42030
3365	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	7002	Transistor, NPN,	BC847B.		3198	010	42030
3366	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	7003	Transistor, NPN,	BC847B.		3198	010	42030
3367	Res,	56K,	5%,	1/10W,	Metalized Glass	3198	021	55630	7004	Transistor, NPN,	BC847B.		3198	010	42030
3371	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7005	Transistor, PNP,	BC857B.		3198	010	42150
3372	Res,	2K2,	5%,	1/10W,	Metalized Glass	3198	021	52220	7006	Transistor, PNP,	BC857B.		3198	010	42150
3373	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	7007	Transistor, PNP,	BC857B.		3198	010	42150
3374	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7008	Transistor, NPN,	BC847B.		3198	010	42030
3375	Res,	15K,	5%,	1/10W,	Metalized Glass	3198	021	51530	7009	Transistor, NPN,	BC847B.		3198	010	42030
3376	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7010	Transistor, NPN,	BC847B.		3198	010	42030
3377	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7011	Transistor, NPN,	BC847B.		3198	010	42030
3378	Res,	39K,	5%,	1/10W,	Metalized Glass	3198	021	53930	7012	Transistor, NPN,	BC847B.		3198	010	42030
3379	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7013	Transistor, PNP,	BC857B.		3198	010	42150
3380	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7014	F.E.T. STD3NK60Z.			9322	195	38668
3381	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7015	Transistor, PNP,	BC857B.		3198	010	42150
3382	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7017	Transistor, PNP,	BC857B.		3198	010	42150
3383	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7018	Transistor, NPN,	BC847B.		3198	010	42030
3384	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7020	Transistor, NPN,	BC847B.		3198	010	42030
3385	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7021	Transistor, NPN,	BC847B.		3198	010	42030
3390	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7022	Transistor, NPN,	BC847B.		3198	010	42030
3391	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7023	Transistor, NPN,	BC847B.		3198	010	42030
3392	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7024	Transistor, PNP,	BC857B.		3198	010	42150
3393	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7025	Transistor, NPN,	BC847B.		3198	010	42030
3394	Res,	1K,	5%,	1/10W,	Metalized Glass	3198	021	51020	7101	IC, TC74HC590AF-EL			9322	167	76668
3395	Res,	10 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51090	7102	IC, TC74HC590AF-EL			9322	167	76668
3396	Res,	1K,	5%,	1/10W,	Metalized Glass	3198	021	51020	7103	IC, CY7C199-15ZC			9322	153	66668
4104	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7104	IC, MOS, Digital, Logic,	74HCT573DB.		9351	869	80118
4105	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7105	IC, MOS, Digital, Logic,	74HCT573DB.		9351	869	80118
4106	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7106	IC, CD74ACT151M.			9322	195	64668
4107	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7107	IC, M24C32-WMN6.			9322	124	74668
4108	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7108	IC, P89C668HBA/00.			9352	654	18112
4109	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7109	IC, TL431BCLP.			9322	115	98676
4110	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7110	IC, TLC0832CD.			9322	185	44668
4114	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7111	IC, NE555D			9336	561	10623
4115	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7113	IC, TEA6422D			9322	116	87668
4116	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7114	IC, PCF8574T			9337	280	80118
4117	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7115	IC, TL431BCLP.			9322	115	98676
4118	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7116	IC, TDA7309D			9322	110	45668
4119	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7117	IC, TDA1308T/N1.			9350	721	10115
4120	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7118	IC, NE555D			9336	561	10623
4121	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7120	F.E.T. Signal, BSN20			9340	125	00235
4129	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7121	F.E.T. Signal, BSN20			9340	125	00235
5101	Coil,	6u8.				2422	535	94819	9001	Wire Jumper, 0.58MM.			3198	036	90010
5102	Coil,	1u				2422	535	95387	9002	Wire Jumper, 0.58MM.			3198		

1024	LED Panel Asm.	3135	037	10741
0207	Holder, LED.	3139	124	23831
0209	Holder, Photo Diode.	3104	304	19732
1201	Connector, 4 Pin	2422	025	12489
1214	Connector, 10 Pin.	2422	025	12493
2001	Cap, 10u, 20%, 50v, Electrolytic	3198	025	51090
2002	Cap, 470n, +80/-20%, 10v, Ceramic. . . .	3198	017	44740
2003	Cap, 100u, 20%, 10v, Electrolytic. . . .	3198	025	11010
2004	Cap, 470n, +80/-20%, 10v, Ceramic. . . .	3198	017	44740
3001	Res, 150 ohm, 5%, 1/16W, Metalized Glass	3198	021	31510
3002	Res, 470 ohm, 5%, 1/16W, Metalized Glass	3198	021	34710
3003	Res, 1K2, 5%, 1/16W, Metalized Glass . . .	3198	021	31220
3004	Res, 10K, 5%, 1/16W, Metalized Glass . . .	3198	021	31030
3005	Res, 15K, 5%, 1/10W, Metalized Glass . . .	3198	021	51530
3006	Res, 330 ohm, 5%, 1/10W, Metalized Glass	3198	021	53310
3007	Res, 1K5, 5%, 1/16W, Metalized Glass . . .	3198	021	31520
3008	Res, 6K8, 5%, 1/16W, Metalized Glass . . .	3198	021	36820
3009	Res, 1M5, 5%, 1/16W, Metalized Glass . . .	2322	702	60155
3010	Res, 10K, 5%, 1/16W, Metalized Glass . . .	3198	021	31030
3011	Res, 3K3, 5%, 1/16W, Metalized Glass . . .	3198	021	33320
3012	Res, 4K7, 5%, 1/16W, Metalized Glass . . .	3198	021	34720
3013	Res, 10K, 5%, 1/16W, Metalized Glass . . .	3198	021	31030
3014	Res, 1M5, 5%, 1/16W, Metalized Glass . . .	2322	702	60155
3016	Res, 1K, 5%, 1/16W, Metalized Glass. . . .	3198	021	31020
3017	Res, 3K3, 5%, 1/16W, Metalized Glass . . .	3198	021	33320
4002	Res, Zero ohm, "Chip" Jumper	3198	021	90020
4003	Res, Zero ohm, "Chip" Jumper	3198	021	90030
4004	Res, Zero ohm, "Chip" Jumper	3198	021	90030
4005	Res, Zero ohm, "Chip" Jumper	3198	021	90030
6000	LED, TLUV5300.	9338	792	00682
6003	IR Receiver, TSOP2136UH1	9322	159	21667
6004	Optical Sensor, BPW46.	9322	032	38682
7000	IC, LM358DR2	9339	265	90668
7001	Transistor, NPN, BC847B.	3198	010	42030

Side Jack Panel Parts

Side Jack Panel Parts				
1028	Side Jack Panel Asm.	3135	037	10751
1300	Switch, Push, 2 Pin, 2 Position, 30v . . .	2422	128	03068
1301	Socket, MDin, 4 Pin, TCS7959 Y	2422	026	05157
1302	Socket, Cinch, 3 Pin	2422	026	05493
1303	Socket, Phone, 1 Pin	2422	026	04747
1335	Connector, 11 Pin.	2422	025	12485
1337	Connector, 1 Pin	2422	015	18552
1344	Connector, 5 Pin	2422	025	12481
2107	Cap, 680p, 5%, 50v, Ceramic.	3198	016	06810
2108	Cap, 100p, 5%, 50v, Ceramic.	3198	016	01010
2109	Cap, 680p, 5%, 50v, Ceramic.	3198	016	06810
2110	Cap, 100p, 5%, 50v, Ceramic.	3198	016	01010
2111	Cap, 680p, 5%, 50v, Ceramic.	3198	016	06810
2112	Cap, 10n, 10%, 50v, Ceramic.	3198	017	01030
2113	Cap, 680p, 5%, 50v, Ceramic.	3198	016	06810
2114	Cap, 10n, 10%, 50v, Ceramic.	3198	017	01030
2115	Cap, 100n, +80/-20%, 25v, Ceramic.	3198	023	21040
3106	Res, 75 ohm, 5%, 1/10W, Metalized Glass. .	3198	021	57590
3107	Res, 75 ohm, 5%, 1/10W, Metalized Glass. .	3198	021	57590
3115	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010
3116	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51020
3117	Res, 47K, 5%, 1/10W, Metalized Glass . . .	3198	021	54730
3118	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51020
3119	Res, 47K, 5%, 1/10W, Metalized Glass . . .	3198	021	54730
3120	Res, 10 ohm, 5%, 1/10W, Metalized Glass. .	3198	021	51090
3121	Res, 10 ohm, 5%, 1/10W, Metalized Glass. .	3198	021	51090
3122	Res, 10K, 5%, 1/10W, Metalized Glass . . .	3198	021	51030
3123	Res, 10 ohm, 5%, 1/10W, Metalized Glass. .	3198	021	51090
3124	Res, 10 ohm, 5%, 1/10W, Metalized Glass. .	3198	021	51090
3125	Res, 10K, 5%, 1/10W, Metalized Glass . . .	3198	021	51030
4001	Res, Zero ohm, "Chip" Jumper	3198	021	90020
4002	Res, Zero ohm, "Chip" Jumper	3198	021	90020
5001	Coil, 270n	3198	018	32770
5002	Coil, 270n	3198	018	32770
6001	Zener Diode, 6.8 volt.	9340	386	40115
6002	Zener Diode, 6.8 volt.	9340	386	40115
6003	Zener Diode, 6.8 volt.	9340	386	40115
6004	Zener Diode, 6.8 volt.	9340	386	40115
6005	Zener Diode, 6.8 volt.	9340	386	40115
6006	Zener Diode, 6.8 volt.	9340	386	40115
6007	Zener Diode, 6.8 volt.	9340	386	40115
6008	Zener Diode, 6.8 volt.	9340	386	40115
6009	Zener Diode, 6.8 volt.	9340	386	40115
6010	Zener Diode, 6.8 volt.	9340	386	40115
6011	Zener Diode, 6.8 volt.	9340	386	40115
6012	Zener Diode, 6.8 volt.	9340	386	40115

LED/Keyboard Panel Parts

LED/Keyboard Panel Parts				
1032	LED/Keyboard Panel Asm.	3135	037	12561
1001	Switch, Tactile.	2422	128	02742
1002	Switch, Tactile.	2422	128	02742
1003	Switch, Tactile.	2422	128	02742
1004	Switch, Tactile.	2422	128	02742
1005	Switch, Tactile.	2422	128	02742

S = Safety Part Be sure to use exact replacement part.

1006	Switch, Tactile.	2422	128	02742
1201	Connector, 4 Pin	2422	025	12489
1202	Connector, 1 Pin	2422	015	18551
1203	LED, Holder (Not Shown).	3135	034	00711
3001	Res, 390 ohm, 1%, 1/8W, Metalized Glass. .	2322	734	63901
3002	Res, 200 ohm, 1%, 1/8W, Metalized Glass. .	2322	734	62001
3003	Res, 620 ohm, 1%, 1/8W, Metalized Glass. .	2322	734	66201
3004	Res, 1K1, 1%, 1/8W, Metalized Glass. . . .	2322	734	61102
3006	Res, 2K, 1%, 1/8W, Metalized Glass	2322	734	62002
3007	Res, 2K4, 1%, 1/8W, Metalized Glass. . . .	2322	734	62402
3009	Res, 910 ohm, 1%, 1/8W, Metalized Glass. .	2322	734	69101
3010	Res, 160 ohm, 1%, 1/8W, Metalized Glass. .	2322	734	61601
3011	Res, 120 ohm, 5%, 1/10W, Metalized Glass	3198	021	51210
4000	Res, Zero ohm, "Chip" Jumper	3198	021	90020
6001	Zener Diode, 6.8 volt.	9340	386	40115
6002	Zener Diode, 6.8 volt.	9340	386	40115
6003	LED, TLHB5400.	9322	188	10682
7000	Transistor, NPN, BC847B.	3198	010	42030

Thermal Sensor Panel Parts

Thermal Sensor Panel Parts				
1034	Thermal Sensor Panel Asm.	3135	037	10781
1202	Connector, 3 Pin	2422	025	10775
2001	Cap, 100n, 10%, 16v, Ceramic	3198	017	01040
2002	Cap, 100n, 10%, 16v, Ceramic	3198	017	01040
3001	Res, 5K6, 1%, 1/8W, Metalized Glass. . . .	2322	734	65602
3002	Res, 68K, 1%, 1/8W, Metalized Glass. . . .	2322	734	66803
3003	Res, 820 ohm, 1%, 1/8W, Metalized Glass. .	2122	118	05988
3004	Res, 680 ohm, 1%, 1/8W, Metalized Glass. .	2322	734	66801
3005	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010
S 3006	NTC, 10K, 5%, 1/2W	2322	640	33103
3007	Res, 1M, 5%, 1/10W, Metalized Glass. . . .	3198	021	51050
3008	Res, 22K, 5%, 1/10W, Metalized Glass . . .	3198	021	52230
4001	Res, Zero ohm, "Chip" Jumper	3198	021	90020
7001	Transistor, NPN, BC847B.	3198	010	42030
7002	Transistor, NPN, BC847B.	3198	010	42030

Input Power Panel Parts

Input Power Panel Parts				
1045	Input Power Panel Asm.	3135	037	11421
0001	Insulator, SP-900.	3135	010	02331
0002	Clip, Transistor	3135	011	02681
0013	Spring	3139	121	24583
0014	Spring	3139	121	24583
0018	Insulator, SP-900.	3135	010	02331
0019	Clip, Transistor	3135	011	02681
0020	Spring	3139	121	24583
0201	Spring	3135	011	01041
0215	Insulator.	3135	010	02321
1206	Connector, 1 Pin	2422	015	18552
1208	Surge Protector, DSP-501N-A21F	2422	549	42349
1209	Connector, 1 Pin	2422	015	18552
S 1210	Relay, 1 Pin, 5V, 5A	2422	132	07411
S 1211	Fuse/Clip, 6A3, 250V, IEC.	2422	093	00036
1212	Connector, 4 Pin	2422	025	15503
S 1214	Protection Device, 5.5 KVDC, UL5500. . .	2422	549	43369
1215	Heatsink	3135	031	60051
1217	Connector, 1 Pin	2422	015	18552
1218	Connector, 1 Pin	2422	015	18552
1310	Connector, 2 Pin	2422	025	11196
1311	Connector, 6 Pin	2422	025	14044
1316	Connector, 4 Pin	2422	025	10647
1401	Heatsink	3135	031	60071
1402	Heatsink, TO-220	3135	031	60133
1403	Connector, 12 Pin.	2422	025	08333
1410	Connector, 2 Pin	2412	020	00724
1460	Connector, 3 Pin	2412	020	00725
1518	Heatsink	3135	031	60071
1520	Heatsink, TO-220	3135	031	60133
2200	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557
2201	Cap, 220n, 20%, 275v, Metalized Polypropylene	2222	336	29146
2202	Cap, 1m5, 20%, 200v, Electrolytic.	2020	021	91747
2203	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557
2205	Cap, 680n, 20%, 275v, Metalized Polypropylene	2222	336	29149
2209	Cap, 1m5, 20%, 200v, Electrolytic.	2020	021	91747
2210	Cap, 1n, 5%, 50v, Ceramic.	3198	016	01020
2211	Cap, 1n, 5%, 50v, Ceramic.	3198	016	01020
2212	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557
S 2213	Cap, 470p, 10%, 50v, Ceramic	2020	554	90169
S 2214	Cap, 470p, 10%, 50v, Ceramic	2020	554	90169
2215	Cap, 100n, 10%, 16v, Ceramic	3198	017	01040
2216	Cap, 1n, 5%, 50v, Ceramic.	3198	016	01020
2217	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557
2219	Cap, 100u, 20%, 400v, Electrolytic	2020	021	91759
S 2220	Cap, 470p, 10%, 50v, Ceramic	2020	554	90169
2225	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
2249	Cap, 100n, 10%, 50v, Polyester	3198	014	01040
S 2421	Cap, 470p, 10%, 50v, Ceramic	2020	554	90169
2423	Cap, 470p, 5%, 50v, Ceramic.	3198	016	04710
2424	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557

S	2431	Cap, 100p, 10%, 1000v, Ceramic	2252	711	95001	5407	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2432	Cap, 1n, 10%, 1000v, Ceramic	3198	019	61020	5408	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2433	Cap, 100p, 10%, 1000v, Ceramic	2252	711	95001	5409	Coil, 1u	2422	535	95387
	2435	Cap, 470p, 10%, 50v, Ceramic	2020	554	90169	5410	Transformer, SMT Layer, US28206-01	2422	531	02553
	2436	Cap, 47u, 20%, 50v, Electrolytic	2020	021	91521	5411	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2437	Cap, 100p, 10%, 1000v, Ceramic	2252	711	95001	5412	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2441	Cap, 22u, 20%, 35v, Electrolytic	2020	021	91811	5417	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2442	Cap, 100n, 10%, 50v, Polyester	3198	014	01040	5419	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2443	Cap, 4n7, 10%, 50v, Ceramic	3198	019	14720	5420	Coil, 1u	2422	535	95387
	2444	Cap, 22u, 20%, 35v, Electrolytic	2020	021	91811	5422	Coil, 1u	2422	535	95387
	2453	Cap, 470p, 10%, 1000v, Ceramic	3198	019	64710	5502	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2454	Cap, 1000u, 20%, 35v, Electrolytic	2020	021	91411	5503	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2456	Cap, 470p, 10%, 1000v, Ceramic	3198	019	64710	5507	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2457	Cap, 1000u, 20%, 35v, Electrolytic	2020	021	91411	5509	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2472	Cap, 220u, 20%, 10v, Electrolytic	3198	025	12210	5510	Coil, Choke, 190uH, UC28214-03 Y	2422	536	00594
	2473	Cap, 1n, 5%, 50v, Ceramic	3198	016	01020	5514	Filter, Mains, 100uH, 2A2, W8051	2422	549	44101
	2522	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557	6200	Diode, Signal, 1N4148	3198	010	10010
	2523	Cap, 470p, 10%, 50v, Ceramic	3198	019	14710	6201	Diode, Bridge Rect, GBU6JL-7002	9322	138	08667
	2530	Cap, 220p, 10%, 1000v, Ceramic	3198	019	62210	6202	Diode, Bridge Rect, GBU4JL-7002	9322	132	55667
	2534	Cap, 100u, 20%, 400v, Electrolytic	2020	021	91759	6402	Diode, Signal, 1N4148	3198	010	10010
	2535	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557	6403	Diode, Signal, BAS316	3198	010	10630
	2536	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557	6404	Optic Coupler, CQY80NG	9338	941	50682
	2541	Cap, 10u, 20%, 50v, Electrolytic	2020	021	91808	6405	Diode, Rect, BYV95C	9335	001	80133
	2542	Cap, 10n, +80/-20%, 50v, Ceramic	3198	019	21030	6406	Zener Diode, 18 volt	3198	010	21890
	2543	Cap, 22n, +80/-20%, 50v, Ceramic	3198	019	22230	6407	Zener Diode, 6.8 volt	3198	010	26880
	2544	Cap, 47u, 20%, 16v, Electrolytic	2020	021	91804	6408	Diode, Signal, BAS316	3198	010	10630
	3204	Res, 2M2, 5%, 1/2W, Metalized Glass	2322	242	13225	6409	Diode, Signal, 1N4148	3198	010	10010
	3207	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	6410	Optic Coupler, CQY80NG	9338	941	50682
	3210	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	6411	Diode, Rect, BY229X-800	9340	380	30127
	3211	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	6413	Diode, Rect, BYW29EX-200	9340	412	80127
S	3212	VDR, DC, 1MA/495V, MAX 850VB	2322	595	90021	6414	Diode, Rect, BYW29EX-200	9340	412	80127
	3213	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	6501	Diode, Rect, BYV29F-400	9338	673	00127
	3214	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	7211	Transistor, NPN, BC547B	3198	020	40030
	3215	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	7212	Transistor, PNP, BC857B	3198	010	42150
	3216	Res, 4M7, 5%, 1/2W, Metalized Glass	2322	242	13475	7402	IC, TOP247Y	9322	181	88687
	3217	Res, 220 ohm, 20%, 1/2W, Carbon Film	2120	103	90042	7406	IC, TL431BCLP	9322	115	98676
	3218	Res, 4M7, 5%, 1/2W, Metalized Glass	2322	242	13475	7408	Transistor, PNP, BC857B	3198	010	42150
	3219	Res, 4M7, 5%, 1/2W, Metalized Glass	2322	242	13475	7409	Transistor, NPN, BC847B	3198	010	42030
	3245	Res, 3K3, 5%, 1/10W, Metalized Glass	3198	021	53320	7410	Transistor, PNP, BC857B	3198	010	42150
	3246	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020	7411	Transistor, NPN, BC847B	3198	010	42030
	3247	Res, 1K, 5%, 1/10W, Metalized Glass	3198	021	51020	7412	Transistor, PNP, BC857B	3198	010	42150
	3248	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020	7500	Transistor, PNP, BC857B	3198	010	42150
	3249	Res, 100K, 5%, 1/10W, Metalized Glass	3198	021	51040	7502	IC, TOP247Y	9322	181	88687
	3252	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010	7506	IC, TL431BCLP	9322	115	98676
	3253	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010	9010	Wire Jumper, 0.58MM	3198	036	90010
	3403	Res, 12K, 5%, 1/6W, Carbon Film	3198	011	01230	9011	Wire Jumper, 0.58MM	3198	036	90010
	3425	Res, 100 ohm, 5%, 3W, Metal Film	2120	105	93581	9016	Wire Jumper, 0.58MM	3198	036	90010
	3426	Res, 56K, 1%, 3/5W, Metal Film	2312	915	15603	9020	Wire Jumper, 0.58MM	3198	036	90010
	3429	Res, 1K2, 5%, 1/6W, Carbon Film	3198	011	01220	9022	Wire Jumper, 0.58MM	3198	036	90010
	3430	Res, 470 ohm, 5%, 1/6W, Carbon Film	3198	011	04710	9023	Wire Jumper, 0.58MM	3198	036	90010
	3431	Res, 56K, 5%, 1/6W, Carbon Film	3198	011	05630	9024	Wire Jumper, 0.58MM	3198	036	90010
	3432	Res, 1K, 5%, 1/10W, Metalized Glass	3198	021	51020	9025	Wire Jumper, 0.58MM	3198	036	90010
	3433	Res, 6R8, 1%, 3/5W, Metal Film	2312	915	16808	9026	Wire Jumper, 0.58MM	3198	036	90010
	3438	Res, 10K, 1%, 3/5W, Metal Film	2312	915	11003	9027	Wire Jumper, 0.58MM	3198	036	90010
	3441	Res, 4K7, 5%, 1/6W, Carbon Film	3198	011	04720	9028	Wire Jumper, 0.58MM	3198	036	90010
	3444	Res, 820K, 1%, 3/5W, Metal Film	2312	915	18204	9029	Wire Jumper, 0.58MM	3198	036	90010
	3445	Res, 100K, 1%, 3/5W, Metal Film	2312	915	11004	9201	Wire Jumper, 0.58MM	3198	036	90010
	3453	Res, 33 ohm, 5%, 2W, Metal Film	2120	105	93418	9204	Wire Jumper, 0.58MM	3198	036	90010
	3456	Res, 33 ohm, 5%, 2W, Metal Film	2120	105	93418	9206	Wire Jumper, 0.58MM	3198	036	90010
	3460	Res, 10K, 5%, 1/6W, Carbon Film	3198	011	01030	9207	Wire Jumper, 0.58MM	3198	036	90010
	3461	Res, 10K, 5%, 1/6W, Carbon Film	3198	011	01030					
	3462	Res, 4K7, 5%, 1/10W, Metalized Glass	3198	021	54720					
	3463	Res, 10K, 5%, 1/10W, Metalized Glass	3198	021	51030					
	3464	Res, 2K7, 5%, 1/10W, Metalized Glass	3198	021	52720					
	3465	Res, 3K9, 5%, 1/10W, Metalized Glass	3198	021	53920					
	3466	Res, 1K, 5%, 1/10W, Metalized Glass	3198	021	51020					
	3470	Res, 47 ohm, 5%, 1/6W, Carbon Film	3198	011	04790					
	3471	Res, 1K, 5%, 1/10W, Metalized Glass	3198	021	51020					
	3472	Res, 1K2, 5%, 1/6W, Carbon Film	3198	011	01220					
	3473	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020					
	3474	Res, 100K, 5%, 1/10W, Metalized Glass	3198	021	51040					
	3475	Res, 10K, 5%, 1/10W, Metalized Glass	3198	021	51030					
	3476	Res, 10K, 5%, 1/10W, Metalized Glass	3198	021	51030					
	3522	Res, 33 ohm, 5%, 2W, Metal Film	2120	105	93418					
	3526	Res, 10K, 5%, 1/6W, Carbon Film	3198	011	01030					
	3533	Res, 6R8, 1%, 3/5W, Metal Film	2312	915	16808					
	3536	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090					
	3537	Res, 3K3, 5%, 1/6W, Carbon Film	3198	011	03320					
	3538	Res, 1K, 1%, 3/5W, Metal Film	2312	915	11002					
	3539	Res, 470 ohm, 5%, 1/6W, Carbon Film	3198	011	04710					
	3540	Res, 150K, 1%, 3/5W, Metal Film	2312	915	11504					
	3541	Res, 150K, 1%, 3/5W, Metal Film	2312	915	11504					
	3542	Res, 120K, 1%, 3/5W, Metal Film	2312	915	11204					
	3543	Res, 3K, 1%, 1/8W, Metalized Glass	2322	734	63002					
	3544	Res, 22K, 5%, 1/10W, Metalized Glass	3198	021	52230					
	5210	Inductor, Fixed, 100MHZ, 30 ohm	3198	018	90060					
	5211	Inductor, Fixed, 100MHZ, 30 ohm	3198	018	90060					
	5212	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020					
	5213	Filter, Mains, 8mH, 7A, JLB2806	2422	549	44591					
	5214	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020					
	5218	Filter, Mains, 8mH, 7A, JLB2806	2422	549	44591					
	5406	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020					

S = Safety Part Be sure to use exact replacement part.

Audio Amp Panel Parts

	Audio Amp Panel Parts				
0070	Clip, Transistor	3135	011	02681	
0071	Insulator	3135	010	02351	
1012	Audio Amp Panel Asm	3135	037	11411	
1216	Connector, 1 Pin	2422	015	18551	
1305	Connector, 7 Pin	2422	025	09407	
1316	Connector, 4 Pin	2422	025	10647	
1321	Connector	2422	025	15781	
1700	Connector, 8 Pin	2422	025	12483	
1701	Heatsink, Vertical, Audio	3135	031	60151	
1702	Thyristor, BT169B	9338	268	50126	
1703	Inductor, fixed, line Filter, 50V, 2A4	2422	549	43778	
1704	Inductor, fixed, line Filter, 50V, 2A4	2422	549	43778	
2701	Cap, 680n, 10%, 63v, Metalized Polyester	2222	365	75684	
2702	Cap, 10n, +80/-20%, 50v, Ceramic	3198	017	21030	
2703	Cap, 680n, 10%, 63v, Metalized Polyester	2222	365	75684	
2704	Cap, 10n, +80/-20%, 50v, Ceramic	3198	017	21030	
2705	Cap, 2u2, 20%, 50v, Electrolytic	3198	025	52280	
2706	Cap, 100n, 10%, 16v, Ceramic	3198	017	01040	
2707	Cap, 100n, 10%, 16v, Ceramic	3198	017	01040	
2708	Cap, 220n, +80/-20%, 25v, Ceramic	3198	023	22240	
2709	Cap, 470p, 5%, 50v, Ceramic	3198	016	04710	
2710	Cap, 470p, 5%, 50v, Ceramic	3198	016	04710	
2711	Cap, 1n, 5%, 50v, Ceramic	3198	016	01020	
2712	Cap, 220n, +80/-20%, 50v, Ceramic	2238	580	19814	
2713	Cap, 100n, 10%, 16v, Ceramic	3198	017	01040	
2714	Cap, 33n, 10%, 50v, Ceramic	3198	017	03330	
2715	Cap, 1n, 5%, 50v, Ceramic	3198	016	01020	
2716	Cap, 330p, 5%, 50v, Ceramic	3198	016	03310	
2717	Cap, 100p, 5%, 50v, Ceramic	3198	016	01010	

2718	Cap, 22p, 5%, 50v, Ceramic	3198 016 02290	6709	Diode, Signal, BAS316	3198 010 10630
2719	Cap, 1n, 5%, 50v, Ceramic	3198 016 01020	6710	Diode, Signal, BAS316	3198 010 10630
2720	Cap, 220n, +80/-20%, 25v, Ceramic	3198 023 22240	6711	Diode, Signal, BAS316	3198 010 10630
2721	Cap, 470p, 5%, 50v, Ceramic	3198 016 04710	7700	IC, TDA7490	9322 147 50667
2722	Cap, 470p, 5%, 50v, Ceramic	3198 016 04710	7701	Transistor, NPN, BC847B	3198 010 42030
2723	Cap, 220n, +80/-20%, 50v, Ceramic	2238 580 19814	7704	Transistor, NPN, BC847B	3198 010 42030
2724	Cap, 220n, +80/-20%, 50v, Ceramic	2238 580 19814	7705	Transistor, NPN, BC847B	3198 010 42030
2725	Cap, 220n, +80/-20%, 50v, Ceramic	2238 580 19814	7706	Transistor, PNP, BC857B	3198 010 42150
2726	Cap, 33n, 10%, 50v, Ceramic	3198 017 03330	7707	Transistor, NPN, BC847B	3198 010 42030
2727	Cap, 1n, 5%, 50v, Ceramic	3198 016 01020	7708	Transistor, NPN, BC847B	3198 010 42030
2728	Cap, 330p, 5%, 50v, Ceramic	3198 016 03310	7710	Transistor, NPN, BC847B	3198 010 42030
2729	Cap, 100n, 10%, 16v, Ceramic	3198 017 01040	7711	Transistor, NPN, BC847B	3198 010 42030
2730	Cap, 2u2, 20%, 35v, Electrolytic	2020 021 91637	9012	Wire Jumper, 0.58MM	3198 036 90010
2731	Cap, 2u2, 20%, 35v, Electrolytic	2020 021 91637	9019	Wire Jumper, 0.58MM	3198 036 90010
2732	Cap, 220n, +80/-20%, 50v, Ceramic	2238 580 19814	9026	Wire Jumper, 0.58MM	3198 036 90010
2733	Cap, 220n, +80/-20%, 50v, Ceramic	2238 580 19814	9027	Wire Jumper, 0.58MM	3198 036 90010
2734	Cap, 1n, 5%, 50v, Ceramic	3198 016 01020	9030	Wire Jumper, 0.58MM	3198 036 90010
2735	Cap, 10u, 20%, 50v, Electrolytic	3198 025 51090	9031	Wire Jumper, 0.58MM	3198 036 90010
2736	Cap, 10n, +80/-20%, 50v, Ceramic	3198 017 21030	9032	Wire Jumper, 0.58MM	3198 036 90010
2737	Cap, 10n, +80/-20%, 50v, Ceramic	3198 017 21030	9033	Wire Jumper, 0.58MM	3198 036 90010
2739	Cap, 1n, 5%, 50v, Ceramic	3198 016 01020	9034	Wire Jumper, 0.58MM	3198 036 90010
2740	Cap, 1n, 5%, 50v, Ceramic	3198 016 01020			
2741	Cap, 1n, 5%, 50v, Ceramic	3198 016 01020			
2742	Cap, 220n, +80/-20%, 50v, Ceramic	2238 580 19814			
2743	Cap, 220n, +80/-20%, 50v, Ceramic	2238 580 19814			
2744	Cap, 220n, +80/-20%, 50v, Ceramic	2238 580 19814			
2745	Cap, 220n, +80/-20%, 50v, Ceramic	2238 580 19814			
2763	Cap, 680n, 10%, 50v, Polyester	3198 014 06840			
2776	Cap, 47u, 20%, 50v, Electrolytic	3198 025 54790			
2777	Cap, 680n, 10%, 50v, Polyester	3198 014 06840			
2780	Cap, 100n, 10%, 50v, Polyester	3198 014 01040			
2781	Cap, 100n, 10%, 50v, Polyester	3198 014 01040			
3701	Res, 10K, 5%, 1/6W, Carbon Film	3198 011 01030			
3702	Res, 6K8, 5%, 1/6W, Carbon Film	3198 011 06820			
3703	Res, 33K, 5%, 1/10W, Metalized Glass	3198 021 53330			
3704	Res, 10K, 5%, 1/10W, Metalized Glass	3198 021 51030			
3705	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198 011 01090			
3706	Res, 5K6, 5%, 1/10W, Metalized Glass	3198 021 55620			
3707	Res, 6K8, 5%, 1/10W, Metalized Glass	3198 021 56830			
3708	Res, 5K6, 5%, 1/10W, Metalized Glass	3198 021 55630			
3709	Res, 220 ohm, 5%, 1/10W, Metalized Glass	3198 021 52210			
3710	Res, 22K, 5%, 1/10W, Metalized Glass	3198 021 52230			
3711	Res, 120K, 5%, 1/4W, Carbon Film	2122 101 02074			
3712	Res, 10K, 5%, 1/10W, Metalized Glass	3198 021 51030			
3713	Res, 100 ohm, 5%, 1/6W, Carbon Film	3198 011 01010			
3714	Res, 47K, 5%, 1/10W, Metalized Glass	3198 021 54730			
3715	Res, 47K, 5%, 1/6W, Carbon Film	3198 011 04730			
3716	Res, 47K, 5%, 1/10W, Metalized Glass	3198 021 54730			
3717	Res, 150K, 5%, 1/10W, Metalized Glass	3198 021 51540			
3718	Res, 150K, 5%, 1/10W, Metalized Glass	3198 021 51540			
3719	Res, 1K, 5%, 2W, Metal Film	2120 105 93546			
3720	Res, 1K, 5%, 2W, Metal Film	2120 105 93546			
3721	Res, 5K6, 5%, 1/10W, Metalized Glass	3198 021 55620			
3722	Res, 6K8, 5%, 1/10W, Metalized Glass	3198 021 56830			
3723	Res, 5K6, 5%, 1/10W, Metalized Glass	3198 021 55630			
3724	Res, 220 ohm, 5%, 1/6W, Carbon Film	3198 011 02210			
3725	Res, 22K, 5%, 1/10W, Metalized Glass	3198 021 52230			
3726	Res, 3K3, 5%, 1/10W, Metalized Glass	3198 021 53320			
3727	Res, 47K, 5%, 1/10W, Metalized Glass	3198 021 54730			
3728	Res, 220 ohm, 5%, 1/10W, Metalized Glass	3198 021 52210			
3729	Res, 220 ohm, 5%, 1/6W, Carbon Film	3198 011 02210			
3730	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198 021 51010			
3731	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198 021 51010			
3732	Res, 1K5, 5%, 1/6W, Carbon Film	3198 011 01520			
3733	Res, 1K5, 5%, 1/6W, Carbon Film	3198 011 01520			
3734	Res, 100K, 5%, 1/10W, Metalized Glass	3198 021 51040			
3790	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198 021 51010			
3791	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198 021 51010			
3792	Res, 100 ohm, 5%, 1/6W, Carbon Film	3198 011 01010			
3793	Res, 100 ohm, 5%, 1/6W, Carbon Film	3198 011 01010			
3796	Res, 10K, 5%, 1/10W, Metalized Glass	3198 021 51030			
3797	Res, 3K3, 5%, 1/10W, Metalized Glass	3198 021 53320			
3798	Res, 3K3, 5%, 1/6W, Carbon Film	3198 011 03320			
3799	Res, 47K, 5%, 1/6W, Carbon Film	3198 011 04730			
4700	Res, Zero ohm, "Chip" Jumper	3198 021 90020			
4701	Res, Zero ohm, "Chip" Jumper	3198 021 90020			
5701	Inductor, Fixed, 68uH, 10%	2422 536 00504			
5702	Inductor, Fixed, 68uH, 10%	2422 536 00504			
5707	Inductor, Fixed, 100MHZ, 30 ohm	3198 018 90060			
5708	Inductor, Fixed, 100MHZ, 30 ohm	3198 018 90060			
5713	Coil, 1u	2422 535 95387			
5714	Coil, 1u	2422 535 95387			
5715	Fixed, Inductor, 100MHZ, 80 ohm	3198 018 90020			
5716	Fixed, Inductor, 100MHZ, 80 ohm	3198 018 90020			
6701	Diode, Signal, 1N4148	3198 010 10010			
6702	Diode, Signal, 1N4148	3198 010 10010			
6703	Diode, Signal, 1N4148	3198 010 10010			
6704	Diode, Signal, BAS316	3198 010 10630			
6705	Diode, Signal, BAS316	3198 010 10630			
6706	Diode, Signal, BAS316	3198 010 10630			
6707	Diode, Signal, BAS316	3198 010 10630			
6708	Diode, Signal, BAS316	3198 010 10630			

DW PIP Panel Parts

	DW PIP Panel Parts				
0200	Connector, Printed Circuit	4822 267 10734			
0201	Connector, B10B-EH-A	4822 267 10557			
0205	Connector, 10 Pin	2422 025 16587			
0207	Connector, Printed Circuit, 4 Pin	4822 267 10565			
0236	Connector, Printed Circuit	4822 267 10735			
0237	Connector, Printed Circuit, 1 Pin	4822 267 10676			
1184	DW PIP Panel Asm	3139 177 20061			
1327	Crystal, 12 Mhz	4822 242 10694			
1334	Filter, Ceramic, 4MHZ5, TPSCC*MB	2422 549 44043			
1352	Filter, SAW, 45MHZ75	2422 549 43074			
1501	Crystal, Resonator, 32khz76	2422 543 01069			
2261	Cap, 100u, 20%, 25v, Electrolytic	4822 124 40207			
2262	Cap, 1n, 5%, 50v, Ceramic	5322 126 10511			
2265	Cap, 100u, 20%, 25v, Electrolytic	4822 124 40207			
2269	Cap, 47n, 10%, 50v, Ceramic	4822 126 13751			
2301	Cap, 1u, +80/-20%, 10v, Ceramic	3198 017 41050			
2302	Cap, 820p, 5%, 50v, Ceramic	5322 126 10184			
2303	Cap, 4n7, 10%, 63v, Ceramic	5322 126 10223			
2306	Cap, 10n, 10%, 50v	5322 126 11583			
2309	Cap, 100n, 10%, 50v, Ceramic	4822 126 14585			
2311	Cap, 1u, +80/-20%, 10v, Ceramic	3198 017 41050			
2312	Cap, 10nF, 20%, 50v, Ceramic	4822 122 33177			
2313	Cap, 100n, 10%, 50v, Ceramic	4822 126 14585			
2314	Cap, 100n, 10%, 50v, Ceramic	4822 126 14585			
2316	Cap, 22n, 10%, 25V	4822 126 14494			
2317	Cap, 220n, +80/-20%, 16v, Ceramic	4822 126 13879			
2319	Cap, 100n, +80/-20%, 50v, Ceramic	2238 586 59812			
2321	Cap, 4n7, 10%, 63v, Ceramic	5322 126 10223			
2322	Cap, 10u, 20%, 63V	4822 124 40248			
2324	Cap, 100n, 10%, 50v, Ceramic	4822 126 14585			
2327	Cap, 33p, 5%, 50v, Ceramic	2222 867 15339			
2328	Cap, 33p, 5%, 50v, Ceramic	2222 867 15339			
2331	Cap, 2u2, 20%, 50v, Electrolytic	4822 124 22652			
2332	Cap, 220n, +/-80/20, 25v, Ceramic	4822 126 14076			
2333	Cap, 100n, +80/-20%, 50v, Ceramic	2238 586 59812			
2334	Cap, 22n, 10%, 63v, Ceramic	5322 122 32654			
2335	Cap, 1u, +80/-20%, 16v, Ceramic	4822 126 14043			
2336	Cap, 820p, 5%, 50v, Ceramic	5322 126 10184			
2338	Cap, 2,2nF, 10%, 63v, Ceramic	4822 122 33127			
2342	Cap, 47pF, 1%, 63v, Ceramic	4822 126 13692			
2345	Cap, 47pF, 1%, 63v, Ceramic	4822 126 13692			
2348	Cap, 47pF, 5%, 50v, Ceramic	4822 126 11785			
2351	Cap, 10nF, 20%, 50v, Ceramic	4822 122 33177			
2354	Cap, 470n, +80/-20%, 16v, Ceramic	4822 126 13482			
2355	Cap, 1u, +80/-20%, 10v, Ceramic	3198 017 41050			
2356	Cap, 470n, +80/-20%, 16v, Ceramic	4822 126 13482			
2357	Cap, 10p, 1%, 50v, Ceramic	2238 861 18109			
2372	Cap, 4n7, 10%, 63v, Ceramic	5322 126 10223			
2373	Cap, 1uF, 20%, 63v, Electrolytic	4822 124 21913			
2374	Cap, 22n, 10%, 63v, Ceramic	5322 122 32654			
2375	Cap, 1n, 5%, 50v, Ceramic	5322 126 10511			
2376	Cap, 1n, 5%, 50v, Ceramic	5322 126 10511			
2377	Cap, 1n, 5%, 50v, Ceramic	5322 126 10511			
2380	Cap, 10u, 20%, 63V	4822 124 40248			
2385	Cap, 470p, 5%, 50v, Ceramic	4822 126 13881			
2386	Cap, 470p, 5%, 50v, Ceramic	4822 126 13881			
2390	Cap, 47pF, 5%, 50v, Ceramic	4822 126 11785			
2391	Cap, 100p, 5%, 50v, Ceramic	2020 552 94427			
2392	Cap, 47pF, 5%, 50v, Ceramic	4822 126 11785			
2393	Cap, 1n, 5%, 25v, Ceramic	3198 016 31020			
2401	Cap, 1u, +80/-20%, 10v, Ceramic	3198 017 41050			
2402	Cap, 1u, +80/-20%, 10v, Ceramic	3198 017 41050			
2403	Cap, 1u, +80/-20%, 10v, Ceramic	3198 017 41050			
2404	Cap, 1u, +80/-20%, 10v, Ceramic	3198 017 41050			
2405	Cap, 1u, +80/-20%, 10v, Ceramic	3198 017 41050			
2411	Cap, 10u, 20%, 63V	4822 124 40248			
2412	Cap, 220n, +80/-20%, 16v, Ceramic	4822 126 13879			
2415	Cap, 220n, +80/-20%, 16v, Ceramic	4822 126 13879			

2431	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3316	Res, 680 ohm, 5%, 1/16W.	4822	051	30681
2432	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3318	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2434	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3321	Res, 10k, 5%, 1/16W.	4822	051	30103
2436	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3322	Res, 8K2, 1%, 1/16W.	4822	117	12902
2438	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3324	Res, 390 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20391
2439	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3326	Res, 1k, 1%, 0,125W.	5322	117	12487
2440	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3327	Res, 560 ohm, 5%, 1/16W.	4822	051	30561
2501	Cap, 22p, 0.5%, 50V Ceramic.	5322	122	32658	3329	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2502	Cap, 8.2p, 0.5%, 50V	4822	126	14487	3330	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2503	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3333	Res, 1k, 5%, 1/16W	4822	051	30102
2504	Cap, 68n, 10%, 25v, Ceramic.	2020	552	96325	3334	Res, 470R, 5%, 0,062W.	4822	051	30471
2505	Cap, 560p, 10%, 50v, Ceramic.	4822	126	14249	3335	Res, 120 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20121
2506	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3336	Res, 1k, 5%, 1/16W	4822	051	30102
2507	Cap, 1uF, 20%, 63v, Electrolytic	4822	124	21913	3338	Res, 75 ohm, 1%, 1/8W, Metalized Glass	4822	117	11927
2508	Cap, 6n8, 10%, 63v, Ceramic.	5322	126	11582	3339	Res, 10K, 1%, 1/8W, Metalized Glass.	4822	117	10833
2509	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3340	Res, 2k2, 5%, 1/16W.	4822	051	30222
2511	Cap, 100n, 10%, 50v, Ceramic.	4822	126	14585	3341	Res, 47 ohm, 5%, 1/8W, Metalized Glass	4822	051	20479
2811	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3344	Res, 47 ohm, 5%, 1/8W, Metalized Glass	4822	051	20479
2812	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3346	Res, 560 ohm, 5%, 1/16W.	4822	051	30561
2813	Cap, 150p, 5%, 50v, Ceramic.	4822	122	33753	3347	Res, 390 ohm, 5%, 1/16W.	4822	051	30391
2814	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3348	Res, Zero ohm, "Chip" Jumper	4822	051	30008
2816	Cap, 10u, 20%, 63V.	4822	124	40248	3364	Res, 1k, 5%, 1/16W	4822	051	30102
2817	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3365	Res, 1K, 1%, 0,125W.	5322	117	12487
2818	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3370	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2819	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3371	Res, 15K, 1%, 1/8W, Metalized Glass.	4822	116	83933
2821	Cap, 10u, 20%, 63V.	4822	124	40248	3374	Res, 4k7, 5%, 1/16W.	4822	051	30472
2822	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3381	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2823	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3382	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2824	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3383	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2825	Cap, 150p, 2%, 63v, Ceramic.	5322	122	33538	3384	Res, 10k, 5%, 1/16W.	4822	051	30103
2826	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3385	Res, 4k7, 5%, 1/16W.	4822	051	30472
2827	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3386	Res, 10k, 5%, 1/16W.	4822	051	30103
2828	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3387	Res, 39K, 5%, 0,062W	4822	051	30393
2829	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3388	Res, 10k, 5%, 1/16W.	4822	051	30103
2831	Cap, 1u, +80/-20%, 16v, Ceramic.	4822	126	14043	3389	Res, 4k7, 5%, 1/16W.	4822	051	30472
2832	Cap, 1u, +80/-20%, 16v, Ceramic.	4822	126	14043	3390	Res, 470R, 5%, 0,062W.	4822	051	30471
2833	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3401	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2834	Cap, 10u, 20%, 63V.	4822	124	40248	3402	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2836	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3403	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2837	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3404	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2838	Cap, 220u, 20%, 6.3v, Electrolytic	4822	124	11912	3405	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2839	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3411	Res, 47k, 1%, 1/16W.	4822	117	12925
2841	Cap, 10u, 20%, 63V.	4822	124	40248	3412	Res, 47k, 1%, 1/16W.	4822	117	12925
2842	Cap, 150p, 5%, 50v, Ceramic.	4822	122	33753	3413	Res, 1k, 5%, 1/16W	4822	051	30102
2843	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3414	Res, 47k, 1%, 1/16W.	4822	117	12925
2844	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3415	Res, 47k, 1%, 1/16W.	4822	117	12925
2846	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3416	Res, 1k, 5%, 1/16W	4822	051	30102
2847	Cap, 150p, 2%, 63v, Ceramic.	5322	122	33538	3417	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2848	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3418	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2849	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3419	Res, 560 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20561
2851	Cap, 10u, 20%, 63V.	4822	124	40248	3423	Res, 560 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20561
2852	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3424	Res, 560 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20561
2853	Cap, 10u, 20%, 63V.	4822	124	40248	3431	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2854	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3432	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2856	Cap, 150p, 2%, 63v, Ceramic.	5322	122	33538	3437	Res, 4K7, 5%, 1/8W, Metalized Glass.	4822	051	20472
2857	Cap, 150p, 5%, 50v, Ceramic.	4822	122	33753	3438	Res, 470R, 5%, 0,062W.	4822	051	30471
2861	Cap, 10u, 20%, 63V.	4822	124	40248	3439	Res, Zero ohm, "Chip" Jumper	4822	051	20008
2862	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3451	Res, 4k7, 5%, 1/16W.	4822	051	30472
2863	Cap, 22u, 50v, Electrolytic Aluminum	4822	124	81151	3453	Res, 4k7, 5%, 1/16W.	4822	051	30472
2864	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3456	Res, 4k7, 5%, 1/16W.	4822	051	30472
2866	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3457	Res, 4k7, 5%, 1/16W.	4822	051	30472
2867	Cap, 1u, +80/-20%, 10v, Ceramic.	3198	017	41050	3458	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2868	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3460	Res, 4k7, 5%, 1/16W.	4822	051	30472
2869	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3461	Res, 4k7, 5%, 1/16W.	4822	051	30472
2871	Cap, 1u, +80/-20%, 10v, Ceramic.	3198	017	41050	3462	Res, 2R2, 5%, 1/3W.	4822	052	10228
2872	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3501	Res, 470K, 5%, 1/8W, Metalized Glass	4822	051	20474
2873	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3502	Res, 10M, 5%, 1/16W, Metalized Glass	3198	021	31060
2874	Res, Zero ohm, "Chip" Jumper	4822	051	30008	3503	Res, 470R, 5%, 0,062W.	4822	051	30471
2876	Res, Zero ohm, "Chip" Jumper	4822	051	30008	3504	Res, 6K8, 5%, 0,062W	4822	051	30682
2877	Res, Zero ohm, "Chip" Jumper	4822	051	30008	3506	Res, 10k, 5%, 1/16W.	4822	051	30103
2878	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3507	Res, 6K8, 1%, 1/8W, Metalized Glass.	4822	117	11507
2879	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3508	Res, 10M, 5%, 1/16W, Metalized Glass	3198	021	31060
2891	Cap, 1nF, 10%, 63V, Ceramic.	5322	122	31647	3509	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2892	Cap, 47pF, 5%, 50V, Ceramic.	4822	126	11785	3510	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2893	Cap, 47pF, 5%, 50V, Ceramic.	4822	126	11785	3801	Res, 220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503
2894	Cap, 47pF, 5%, 50V, Ceramic.	4822	126	11785	3802	Res, 680 ohm, 1%, 1/8W, Metalized Glass.	4822	117	10361
2895	Cap, 47pF, 1%, 63V, Ceramic.	4822	126	13692	3803	Res, 220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503
2896	Cap, 47pF, 1%, 63V, Ceramic.	4822	126	13692	3804	Res, 680 ohm, 5%, 1/16W.	4822	051	30681
2897	Cap, 47pF, 5%, 50V, Ceramic.	4822	126	11785	3805	Res, 220 ohm, 5%, 1/16W.	4822	051	30221
2898	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3806	Res, 680 ohm, 5%, 1/16W.	4822	051	30681
2899	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3807	Res, 220 ohm, 5%, 1/16W.	4822	051	30221
3263	Res, 2K2, 1%, 1/8W, Metalized Glass.	4822	117	11449	3808	Res, 680 ohm, 1%, 1/8W, Metalized Glass.	4822	117	10361
3264	Res, 10K, 1%, 1/8W, Metalized Glass.	4822	117	10833	3809	Res, 220 ohm, 5%, 1/16W.	4822	051	30221
3267	Res, 10 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20109	3810	Res, 680 ohm, 5%, 1/16W.	4822	051	30681
3268	Res, 10 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20109	3811	Res, 220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503
3270	Res, Zero ohm, "Chip" Jumper	4822	051	20008	3812	Res, 47 ohm, 5%, 1/16W.	4822	051	30479
3301	Res, 1k, 5%, 1/16W	4822	051	30102	3813	Res, 150 ohm, 5%, 1/16W.	4822	051	30151
3302	Res, 560 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20561	3814	Res, 22k, 5%, 1/16W.	4822	051	30223
3305	Res, 2K7, 1%, 1/8W, Metalized Glass.	4822	117	12955	3816	Res, 47 ohm, 5%, 1/16W.	4822	051	30479
3311	Res, 27K, 5%, 1/8W, Metalized Glass.	4822	051	20273	3817	Res, 150 ohm, 5%, 1/16W.	4822	051	30151
3312	Res, 10K, 1%, 1/8W, Metalized Glass.	4822	117	10833	3818	Res, 47 ohm, 5%, 1/16W.	4822	051	30479
3315	Res, 39K, 1%, 1/8W, Metalized Glass.	4822	117	12708	3821	Res, 150 ohm, 5%, 1/16W.	4822	051	30151

S = Safety Part Be sure to use exact replacement part.

3822	Res,	4k7, 5%, 1/16W.	4822	051	30472	7337	Transistor,	NPN,	BC847BW	3198	010	42310
3823	Res,	680 ohm, 1%, 1/8W, Metalized Glass.	4822	117	10361	7368	Transistor,	NPN,	BC847BW	3198	010	42310
3824	Res,	Zero ohm, "Chip" Jumper	4822	051	30008	7385	Transistor,	NPN,	BC847BW	3198	010	42310
3825	Res,	220 ohm, 5%, 1/16W.	4822	051	30221	7386	Transistor,	NPN,	BC847BW	3198	010	42310
3826	Res,	3k3, 5%, 1/16W.	4822	051	30332	7401	IC, Digital,	MOS,	HEF4053BT.	5322	209	14481
3827	Res,	1K8, 1%, 0,063W	4822	117	12903	7402	IC, Digital,	MOS,	HEF4053BT.	5322	209	14481
3828	Res,	220 ohm, 5%, 1/16W.	4822	051	30221	7403	IC, Digital,	MOS,	M62320FP	4822	209	17345
3829	Res,	220 ohm, 5%, 1/16W.	4822	051	30221	7411	Transistor,	NPN,	BC847BW	3198	010	42310
3831	Res,	220 ohm, 5%, 1/16W.	4822	051	30221	7412	Transistor,	NPN,	BC847BW	3198	010	42310
3832	Res,	39K, 5%, 0,062W	4822	051	30393	7421	Transistor,	NPN,	BC857BW	3198	010	42320
3833	Res,	3k3, 5%, 1/16W.	4822	051	30332	7422	Transistor,	NPN,	BC857BW	3198	010	42320
3834	Res,	1K8, 1%, 0,063W	4822	117	12903	7434	Transistor,		BC369.	5322	130	44593
3836	Res,	3k3, 5%, 1/16W.	4822	051	30332	7438	Transistor,	NPN,	BC847BW	3198	010	42310
3837	Res,	1K8, 1%, 0,063W	4822	117	12903	7501	IC, Digital,	MOS,	Z86130-12SSC	9322	147	01668
3838	Res,	39K, 5%, 0,062W	4822	051	30393	7801	IC, Digital,	MOS	DRAM, SAB9083H/N4	9352	639	83557
3839	Res,	220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503	7802	IC, Analog Voltage/Current Regulator,		LD1117V33	9322	123	54687
3846	Res,	220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503	7803	IC, TDA8601T/C1.			4822	209	12776
3854	Res,	100 ohm, 5%, 1/16W.	4822	051	30101	7804	IC, Digital, MOS,		Standard Logic, 74HC163			
3856	Res,	5K6, 5%, 1/8W, Metalized Glass.	4822	051	20562		2GW.			9352	457	50115
3857	Res,	10K, 1%, 1/8W, Metalized Glass.	4822	117	10833	7805	Transistor,	NPN,	BC847BW	3198	010	42310
3858	Res,	5K6, 5%, 1/8W, Metalized Glass.	4822	051	20562	7806	Transistor,	NPN,	BC847BW	3198	010	42310
3862	Res,	1R, 5%, 0,33W	4822	052	10108	7807	Transistor,	NPN,	BC847BW	3198	010	42310
3863	Res,	1R, 5%, 0,33W	4822	052	10108	7808	Transistor,	NPN,	BC847BW	3198	010	42310
3865	Res,	3k3, 5%, 1/16W.	4822	051	30332	7809	Transistor,	NPN,	BC847BW	3198	010	42310
3866	Res,	1k, 5%, 1/16W	4822	051	30102	7810	Transistor,	NPN,	BC847BW	3198	010	42310
3868	Res,	1K8, 1%, 0,063W	4822	117	12903	7824	Transistor,	NPN,	BC847BW	3198	010	42310
3869	Res,	3k3, 5%, 1/16W.	4822	051	30332	7828	Transistor,	NPN,	BC847BW	3198	010	42310
3871	Res,	2k2, 5%, 1/16W.	4822	051	30222	7832	Transistor,	NPN,	BC847BW	3198	010	42310
3872	Res,	470R, 5%, 0,062W.	4822	051	30471	7871	Transistor,	NPN,	BC847BW	3198	010	42310
3873	Res,	1k5, 5%, 1/16W.	4822	051	30152	7874	Transistor,	NPN,	BC847BW	3198	010	42310
3874	Res,	1k5, 5%, 1/16W.	4822	051	30152	7876	Transistor,	NPN,	BC857BW	3198	010	42320
3876	Res,	4K7, 5%, 1/8W, Metalized Glass.	4822	051	20472	7891	Transistor,	NPN,	BC847BW	3198	010	42310
3878	Res,	1k, 5%, 1/16W	4822	051	30102	7892	Transistor,	NPN,	BC847BW	3198	010	42310
3879	Res,	220 ohm, 5%, 1/16W.	4822	051	30221	7893	Transistor,	NPN,	BC847BW	3198	010	42310
3881	Res,	Zero ohm, "Chip" Jumper	4822	051	30008	7894	Transistor,	NPN,	BC857BW	3198	010	42320
3884	Res,	680 ohm, 1%, 1/8W, Metalized Glass.	4822	117	10361	7895	Transistor,	NPN,	BC847BW	3198	010	42310
3886	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
3887	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
3888	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
3889	Res,	33 ohm, 5%, 1/16W	4822	051	30339							
3890	Res,	33 ohm, 5%, 1/16W	4822	051	30339							
3891	Res,	33 ohm, 5%, 1/16W	4822	051	30339							
3892	Res,	4K7, 5%, 1/8W, Metalized Glass.	4822	051	20472							
3893	Res,	1k5, 5%, 1/16W.	4822	051	30152							
3894	Res,	2k2, 5%, 1/16W.	4822	051	30222							
3895	Res,	470R, 5%, 0,062W.	4822	051	30471							
3896	Res,	1k5, 5%, 1/16W.	4822	051	30152							
3897	Res,	220 ohm, 5%, 1/16W.	4822	051	30221							
3898	Res,	1k, 5%, 1/16W	4822	051	30102							
4301	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4306	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4309	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4310	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4311	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4312	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4313	Res,	Zero ohm, "Chip" Jumper	4822	051	20008							
4315	Res,	Zero ohm, "Chip" Jumper	4822	051	20008							
4434	Res,	Zero ohm, "Chip" Jumper	4822	051	20008							
4437	Res,	Zero ohm, "Chip" Jumper	4822	051	20008							
4438	Res,	Zero ohm, "Chip" Jumper	4822	051	20008							
4827	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4828	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4831	Res,	220 ohm, 5%, 1/16W.	4822	051	30221							
5261	Coil,	Fixed, 50u6, 10%.	4822	157	11778							
5309	Coil,	680n	4822	157	71334							
5332	Coil,	680n	4822	157	71334							
5333	Coil,	680n	4822	157	71334							
5334	Coil,	680n	4822	157	71334							
5349	Coil,	820n	4822	157	71694							
5350	Coil,	15u.	3198	018	61590							
5351	Coil,	15u.	3198	018	61590							
5401	Coil,	4u7.	2422	535	94637							
5501	Coil,	680n	4822	157	71334							
5816	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5818	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5827	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5834	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5839	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5848	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5849	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5851	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5853	Filter,	L/C, BLM21A121SPT	4822	157	11506							
6412	Diode,	BAS316.	4822	130	11397							
6415	Diode,	BAS316.	4822	130	11397							
6801	Diode,	Reference, UZ3.9B	4822	130	11564							
6802	Diode,	Reference, UZ3.9B	4822	130	11564							
6803	Diode,	BAS316.	4822	130	11397							
7201	Tuner,	V+U PLL	2422	542	90115							
7301	IC,	TDA8887H/N1.	9352	638	72557							
7305	Transistor,	NPN, BC847BW	3198	010	42310							
7307	Transistor,	NPN, BC847BW	3198	010	42310							
7331	Transistor,	NPN, BC857BW	3198	010	42320							

S = Safety Part Be sure to use exact replacement part.

SSB Panel Parts

	SSB Panel Parts			
1001	Crystal Resonator, 6MHz, 20p	2422	543	89022
1100	Connector, V, F, 16 Pin.	2422	025	17202
1101	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1102	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1103	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1104	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1105	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1185	SSB Panel Assembly	3135	037	12471
1303	Connector, 5 Pin, M.	2422	025	16966
1304	Connector, 7 Pin, M.	2422	025	17104
1308	Crystal Resonator, 3.579545MHz., 16P, HC49/U A.	2422	543	01183
1401	Connector, V, 10 Pin., F	2422	025	16729
S 1403	Fuse, 500mA, F, 50V.	2422	086	11092
1406	Filter, Ceramic, 4MHz5, TPSCC*MB.	2422	549	44043
1410	Filter, S.A.W. 45Mhz75	2422	549	44377
1411	Filter, Ceramic, 4.5Mhz.	2422	549	44534
1651	Crystal Resonator, 18.432MHz, 12P.	2422	543	89019
1680	Connector, V, 6 Pin, M	2422	025	16961
1681	Connector, 3 Pin, V, M	2422	025	17103
1682	Connector, V, 10 Pin., F	2422	025	16729
1683	Connector, V, 5 Pin, F	2422	025	16793
1702	Ceramic Resonator, 12MHz., CSTCV	2422	540	98456
2001	Cap, 33p, 5%, 50V, Ceramic	3198	016	33390
2002	Cap, 27p, 5%, 50V, Ceramic	3198	016	32790
2003	Cap, 220n, +80/-20%, 16V, Ceramic.	3198	017	42240
2004	Cap, 220n, +80/-20%, 16V, Ceramic.	3198	017	42240
2005	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2006	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2007	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2008	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2010	Cap, 47p, 5%, 50V, Ceramic	3198	016	34790
2011	Cap, 47p, 5%, 50V, Ceramic	3198	016	34790
2012	Cap, 47p, 5%, 50V, Ceramic	3198	016	34790
2013	Cap, 100u, 20%, 16V, Electrolytic.	3198	030	41010
2016	Cap, 100u, 20%, 16V, Electrolytic.	3198	030	41010
2017	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2019	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2020	Cap, 220p, 5%, 50V, Ceramic.	3198	016	32210
2022	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2023	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2024	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2025	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2026	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2027	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2028	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2029	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2031	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2033	Cap, 82p, 5%, 50V, Ceramic	3198	016	38290
2034	Cap, 82p, 5%, 50V, Ceramic	3198	016	38290
2035	Cap, 82p, 5%, 50V, Ceramic	3198	016	38290
2036	Cap, 82p, 5%, 50V, Ceramic	3198	016	38290

2037	Cap,	82p,	5%,	50V,	Ceramic	3198	016	38290	2529	Cap,	1u,	10%,	10V,	Ceramic	2020	552	96372
2038	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2530	Cap,	1u,	10%,	10V,	Ceramic	2020	552	96372
2039	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2548	Cap,	10u,	20%,	16V,	Electrolytic	3198	030	41090
2040	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2549	Cap,	10u,	20%,	16V,	Electrolytic	3198	030	41090
2052	Cap,	10p,	5%,	50V,	Ceramic	3198	016	31090	2550	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2053	Cap,	10p,	5%,	50V,	Ceramic	3198	016	31090	2552	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2054	Cap,	10p,	5%,	50V,	Ceramic	3198	016	31090	2553	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2055	Cap,	10p,	5%,	50V,	Ceramic	3198	016	31090	2554	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2056	Cap,	10p,	5%,	50V,	Ceramic	3198	016	31090	2555	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2057	Cap,	10p,	5%,	50V,	Ceramic	3198	016	31090	2562	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2100	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2563	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2101	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2564	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2102	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2565	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2103	Cap,	10u,	20%,	16V,	Electrolytic	2020	021	91854	2566	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2104	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2567	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2105	Cap,	1n,	10%,	50V,	Ceramic	3198	017	31020	2568	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2106	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2569	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2107	Cap,	1n,	10%,	50V,	Ceramic	3198	017	31020	2570	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2108	Cap,	1n,	10%,	50V,	Ceramic	3198	017	31020	2571	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2109	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2574	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2110	Cap,	10u,	20%,	16V,	Electrolytic	2020	021	91854	2575	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2111	Cap,	1n,	10%,	50V,	Ceramic	3198	017	31020	2576	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2112	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2577	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2302	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2578	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2303	Cap,	10n,	10%,	50V,	Ceramic	3198	017	01030	2579	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2312	Cap,	33n,	5%,	50V,	Ceramic	2020	552	96659	2582	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2312	Cap,	33n,	5%,	16V,	Ceramic	2222	781	11569	2583	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2340	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010	2584	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2342	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2585	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2350	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2586	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2351	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2590	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2352	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2592	Cap,	1n,	10%,	50V,	Ceramic	3198	017	31020
2356	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2593	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2357	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2594	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2358	Cap,	3n3,	10%,	50V,	Ceramic	3198	017	33320	2595	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2361	Cap,	1p2,	21%,	50V,	Ceramic	3198	016	31280	2609	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2362	Cap,	12p,	5%,	50V,	Ceramic	3198	016	31290	2610	Cap,	2n2,	10%,	50V,	Ceramic	3198	017	32220
2365	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2611	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2366	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2632	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856
2367	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2634	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2368	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2640	Cap,	220n,	+80/-20%,	16V,	Ceramic	3198	017	42240
2369	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2643	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856
2370	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2644	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2371	Cap,	4n7,	10%,	50V,	Ceramic	3198	017	34720	2645	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856
2372	Cap,	1u,	+80/-20%,	16V,	Ceramic	3198	017	21050	2646	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250
2373	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2649	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250
2374	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250	2651	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2375	Cap,	22n,	10%,	25V,	Ceramic	3198	017	32230	2652	Cap,	47p,	5%,	50V,	Ceramic	3198	016	34790
2376	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2653	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856
2377	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010	2654	Cap,	470p,	5%,	50V,	Ceramic	3198	016	34710
2378	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2659	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2384	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2660	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2388	Cap,	33n,	10%,	16V,	Ceramic	3198	017	33330	2661	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856
2389	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250	2662	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856
2390	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2663	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2391	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2664	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2394	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250	2665	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010
2395	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2666	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010
2396	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2667	Cap,	3p3,	8%,	50V,	Ceramic	3198	016	33380
2397	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2668	Cap,	3p3,	8%,	50V,	Ceramic	3198	016	33380
2399	Cap,	47p,	5%,	50V,	Ceramic	3198	016	34790	2670	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2401	Cap,	10n,	10%,	50V,	Ceramic	3198	017	31030	2673	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2404	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250	2674	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2405	Cap,	4n7,	10%,	50V,	Ceramic	3198	017	34720	2677	Cap,	10u,	20%,	16V,	Electrolytic	3198	030	41090
2411	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2678	Cap,	10u,	20%,	16V,	Electrolytic	3198	030	41090
2412	Cap,	4n7,	10%,	50V,	Ceramic	3198	017	34720	2679	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2413	Cap,	47u,	20%,	16V,	Electrolytic	3198	030	44790	2680	Cap,	10u,	20%,	16V,	Electrolytic	3198	030	41090
2418	Cap,	12p,	5%,	50V,	Ceramic	3198	016	31290	2681	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2420	Cap,	150p,	5%,	50V,	Ceramic	3198	016	31510	2682	Cap,	10u,	20%,	16V,	Electrolytic	3198	030	41090
2422	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2686	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2425	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010	2687	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2501	Cap,	47p,	5%,	50V,	Ceramic	3198	016	34790	2690	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2502	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856	2691	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2503	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856	2693	Cap,	220p,	5%,	50V,	Ceramic	3198	016	32210
2504	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856	2694	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2505	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856	2695	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010
2506	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856	2697	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2507	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856	2698	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250
2508	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010	2709	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2510	Cap,	1u,	10%,	16V,	Ceramic	2020	552	96448	2710	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2511	Cap,	1u,	10%,	16V,	Ceramic	2020	552	96448	2711	Cap,	100n,	10%,	16V,				

S = Safety Part Be sure to use exact replacement part.

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3745 Res, 1K, 5%, 1/16W, Metalized Glass. . .	3198 021 31020	5726 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3746 Res, 3K9, 5%, 1/16W, Metalized Glass. . .	3198 021 33920	5727 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3747 Res, 150K, 5%, 1/16W, Metalized Glass. . .	3198 021 31540	5728 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3748 Res, 220K, 5%, 1/16W, Metalized Glass. . .	3198 021 32240	5729 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3749 Res, 3K9, 5%, 1/16W, Metalized Glass. . .	3198 021 33920	5731 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3750 Res, 3K3, 5%, 1/16W, Metalized Glass. . .	3198 021 33320	5736 Coil, 6u8.	3198 018 36880
3751 Res, 4K7, 5%, 1/16W, Metalized Glass. . .	3198 021 34720	5737 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3752 Res, 1 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31080	5738 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3753 Res, 1 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31080	5742 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3754 Res, 100 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31010	5743 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3755 Res, 4K7, 5%, 1/16W, Metalized Glass. . .	3198 021 34720	5744 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3756 Res, 8K2, 5%, 1/16W, Metalized Glass. . .	3198 021 38220	5900 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3757 Res, 47 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 34790	5901 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3758 Res, 4K7, 5%, 1/16W, Metalized Glass. . .	3198 021 34720	5902 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3759 Res, 220 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 32210	5903 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3762 Res, 100 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31010	5904 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3763 Res, 22 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 32290	5910 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3764 Res, 10 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31090	5911 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3771 Res, 15 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31590	5912 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3772 Res, 15 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31590	5913 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3773 Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5914 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3774 Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5915 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3781 Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5917 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3782 Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5918 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3783 Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5919 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3792 Res, 1K, 5%, 1/16W, Metalized Glass. . .	3198 021 31020	5920 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3793 Res, 2K2, 5%, 1/16W, Metalized Glass. . .	3198 021 32220	6001 Diode, Signal, BAT54.	3198 010 10660
3794 Res, 15 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31590	6002 Diode, Signal, BAS316.	3198 010 10630
3795 Res, 33 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 33390	6003 Diode, Signal, BAT54.	3198 010 10660
3804 Res, 1K, 5%, 1/16W, Metalized Glass. . .	3198 021 31020	6004 Diode, Signal, BAT54.	3198 010 10660
5150 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6005 Diode, Regulator, PLVA2650A.	9340 309 70215
5151 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6320 Diode, Signal, BAS316.	3198 010 10630
5152 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6321 Diode, Signal, BAS316.	3198 010 10630
5153 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6322 Diode, Signal, BAS316.	3198 010 10630
5154 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6652 Zener Diode, 10V.	3198 020 51090
5155 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6657 Zener Diode, 2.7 volt.	9340 548 43115
5303 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	6658 Diode, Signal, BAS316.	3198 010 10630
5304 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	6926 Zener Diode, 8.2V.	3198 020 58280
5305 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	6956 Zener Diode, 8.2V.	3198 020 58280
5306 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	6957 Zener Diode, 8.2V.	3198 020 58280
5307 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7001 IC, TV System Controller, QFP120, SAA5801	
5308 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	H/015.	9352 684 81557
5309 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7002 Transistor, NPN, BC857BW.	3198 010 42320
5310 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7003 Transistor, NPN, BC847BW.	3198 010 42310
5311 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7004 Transistor, NPN, BC847BW.	3198 010 42310
5402 Coil, 8u2.	3198 018 38280	7005 IC, Adj. Pos. Voltage Regulator.	9322 116 74668
5404 Inductor, Fixed, EMI, 120 ohm@100MHZ.	2422 535 95427	7006 IC, CMOS Flash Memory, TC58FV5T2ATG65.	9322 194 83671
5405 Inductor, Fixed, EMI, 120 ohm@100MHZ.	2422 535 95427	7007 IC, CMOS 16 Bit Dynamic RAM, MSM51V18165F.	9322 157 20668
5406 Res, Zero ohm, 'Chip' Jumper.	3198 021 90020	7007 IC, CMOS 16-Bit Dynamic RAM, IS41LV16100.	9322 200 55668
5408 IND VAR SM 5CCB 91MHZ PM R.	2422 549 44875	7008 Transistor, NPN, BC847BW.	3198 010 42310
5409 IND FXD 0603 EMI 100MHZ 120R R.	2422 549 42893	7009 Transistor, NPN, BC847BW.	3198 010 42310
5409 Inductor, Fixed, 100MHZ, 120R.	2422 549 42896	7010 Transistor, NPN, BC857BW.	3198 010 42320
5411 Coil, 330n.	3198 018 33370	7011 IC, M24C32-WMN6.	9322 124 74668
5415 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7013 Transistor, NPN, BC847BW.	3198 010 42310
5416 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7014 Transistor, NPN, BC857BW.	3198 010 42320
5417 Coil, 33u.	3198 018 33390	7015 Transistor, NPN, PMBT2369.	3198 010 43360
5651 Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7016 Transistor, NPN, PMBT2369.	3198 010 43360
5652 Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7100 IC, 3.3V Prog. LVDS Transmitter, DS90C385.	9322 159 45668
5653 Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7305 Transistor, NPN, BC847BW.	3198 010 42310
5654 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7312 Transistor, NPN, PDC144EU.	3198 010 44330
5655 Coil, 22u.	3198 018 32290	7320 Transistor, NPN, BC847BW.	3198 010 42310
5656 Coil, 6u8.	3198 018 36880	7322 Transistor, NPN, BC847BW.	3198 010 42310
5657 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7323 IC, IIC-Bus Controlled TV Processor.	9352 625 24518
5658 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7375 Transistor, NPN, BC847BW.	3198 010 42310
5659 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7402 Transistor, NPN, BC847BW.	3198 010 42310
5660 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7404 Transistor, NPN, BC847BW.	3198 010 42310
5661 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7408 Transistor, PNP, BC857B.	3198 010 42150
5662 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7409 Transistor, PNP, BC857B.	3198 010 42150
5663 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7410 Transistor, NPN, BC847BW.	3198 010 42310
5664 Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7411 Transistor, NPN, BC847B.	3198 010 42030
5665 Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7651 IC, Multi-standard Sound Processor, MSP34	
5666 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	21G.	9322 183 23671
5667 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7654 Transistor, NPN, BC847BS.	9340 425 20115
5668 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7664 Transistor, NPN, BC847BPN.	9340 425 30115
5669 Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7665 Transistor, NPN, BC847BPN.	9340 425 30115
5670 Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7666 Transistor, NPN, BC847BPN.	9340 425 30115
5671 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7668 Transistor, NPN, BC857BW.	3198 010 42320
5672 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7674 Transistor, NPN, BC847BW.	3198 010 42310
5706 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7675 Transistor, NPN, BC847BS.	9340 425 20115
5707 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7678 Transistor, NPN, BC847BS.	9340 425 20115
5710 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7679 Transistor, NPN, BC847BS.	9340 425 20115
5711 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7681 IC, LP/LN Operational Amplifier.	9322 060 73668
5712 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7682 Transistor, NPN, BC847B.	3198 010 42030
5713 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7706 IC, Digital, LF25CDT.	9322 142 88668
5714 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90080	7706 IC, Voltage Regulator w/Inhibit.	9322 164 71668
5716 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7707 Transistor, NPN, BC847B.	3198 010 42030
5717 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7708 Transistor, NPN, BC847B.	3198 010 42030
5718 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7709 Transistor, NPN, BC847B.	3198 010 42030
5719 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7710 Transistor, NPN, BC847B.	3198 010 42030
5721 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90080	7711 IC Socket, 32 Pin, V, F.	2422 486 80938
5722 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7711 IC, 512 Kbit EPOM, M27C512.	9322 127 85668
5724 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7712 IC, Octal D-type Transparent Latch.	9351 870 00118

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7713	IC, PICNIC, SAA4978H	9352	688	09557
7714	IC, (2) 2Mbit FIFO Memory, MS81V04160A-25 TB.	9322	192	96702
7715	Transistor, NPN, PMBT2369.	3198	010	43360
7717	IC, 3M-bit FIFO Memory, MSM54V12222B	9322	183	81668
7718	IC, Field/Line Rate Converter, SAA4993H.	9352	695	58557
7719	IC, 3M-bit FIFO Memory, MSM54V12222B	9322	183	81668
7722	IC, (2) 2Mbit FIFO Memory, MS81V04160A-25 TB.	9322	192	96702
7723	IC, (2) 2Mbit FIFO Memory, MS81V04160A-25 TB.	9322	192	96702
7724	IC, EAGLE - Video Enhancment Processor, T 8F24EF	9322	188	08702
7725	Transistor, NPN, PMBT2369.	3198	010	43360
7726	IC, Adj. Pos. Volt. Reg., LD1117DT33	9322	134	45668
7727	IC, Low Drop Volt. Reg. w/Inhibit, LF15AB DT.	9322	170	14668
7734	IC, Inverter, LVLP, 74LVC1G04.	3198	010	70390
7735	IC, D-type flip-flop, 74LVC1G79.	9352	686	75125
9008	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9009	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9010	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9011	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9012	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9013	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9014	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9302	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9303	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9304	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9313	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9322	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9401	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9403	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9406	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9407	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9410	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9413	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9414	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9416	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9417	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9520	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9522	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9603	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9604	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9610	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9611	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9632	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9642	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9645	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9652	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9676	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9677	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9682	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9683	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9684	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9685	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9686	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9687	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9688	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9689	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9691	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9692	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9702	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9703	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9704	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9712	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9714	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9716	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9717	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9718	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9719	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9721	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9723	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9725	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9729	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9731	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9733	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9735	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9739	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9740	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9741	Res, Network, 4x10 ohm, 5%	3198	031	11090
9744	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9747	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9754	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9760	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9761	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9762	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9763	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9764	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9765	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9768	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9769	Res, Zero ohm, 'Chip' Jumper	3198	021	90030

S = Safety Part Be sure to use exact replacement part.

9901	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9902	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9903	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9904	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9905	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9906	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9907	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9908	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9909	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9919	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9920	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9921	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9925	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9927	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9928	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9929	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9935	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9937	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9938	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9939	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9944	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9945	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9946	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9947	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9948	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9949	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9950	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9951	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9952	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9953	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9954	Res, Zero ohm, 'Chip' Jumper	3198	021	90030

Scaler Board MSB Panel

Scaler Board MSB Panel				
0300	Connector, 64 Pin, BM, M	2422	025	17714
0303	Socket, DVI Connector, H, 24 Pin, F.	2422	033	00484
0305	Socket, DVI Connector, H, 24 Pin, F.	2422	033	00484
0308	Phono Jack Board, 4 Plugs, Red & White	2422	026	05422
0310	Sub-D Connector, 15 Pin, BM, F.	2422	025	17027
0311	Phono Jack Board, 6 Plugs, Red , Blue, Gr eent	2422	026	05421
0315	Connector, 5 Pin, M, IDE	2422	025	17931
1100	Connector, V, F, 16 Pin.	2422	025	17202
1101	Connector, 4 Pin	2422	025	12479
1105	Connector, 10 Pin, V, M.	2422	021	98888
1106	Connector, 10 Pin, V, M.	2422	021	98888
1152	Scaler Board MSB Panel Assembly.	3122	357	22272
1300	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1301	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1302	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1303	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1401	Connector, V, 10 Pin,, F.	2422	025	16729
1501	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1502	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1503	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1504	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1505	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1700	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1701	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1702	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1703	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
2101	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2102	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2103	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2104	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2105	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2106	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2107	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2108	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2109	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2110	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2111	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2121	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2122	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2138	Cap, 220p, 5%, 50V, Ceramic	3198	016	32210
2139	Cap, 470n, +80/-20%, 10V, Ceramic.	3198	017	44740
2151	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2152	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2153	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2154	Cap, 47n, 10%, 16V, Ceramic	3198	017	34730
2155	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2156	Cap, 47n, 10%, 16V, Ceramic	3198	017	34730
2157	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2158	Cap, 47n, 10%, 16V, Ceramic	3198	017	34730
2159	Cap, 4p7, 5%, 50V, Ceramic	3198	016	34780
2160	Cap, 10u, 20%, 16V, Electrolytic	3198	030	41090
2161	Cap, 100u, 20%, 6.3V, Electrolytic	2020	012	93793
2170	Cap, 10u, 20%, 16V, Electrolytic	3198	030	41090
2171	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2172	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2173	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2174	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040

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5582	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7589	IC, Triple 2 Ch. Analog Multiplex/Demulti			
5583	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	plexer		9337	153	20118
5584	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7592	IC, Ultra Fast Comparator, TL3016.	9322	125	63668
5585	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7593	IC, Hex Inverting Schmitt-trigger, 74LVC1			
5633	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	4A.		9352	607	39118
5710	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7594	Transistor, NPN, BC847BW	3198	010	42310
5711	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7633	IC, Serial EEPROM.	9322	046	99668
5712	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7710	IC, Wide Band Analog Switch, M52758FP.	9322	185	90668
5715	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7715	Transistor, NPN, BC847BW	3198	010	42310
5724	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7716	Transistor, NPN, BC847BW	3198	010	42310
5746	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7717	Transistor, NPN, BC847BW	3198	010	42310
5747	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7725	Transistor, NPN, BC847BW	3198	010	42310
5749	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7746	IC, HDPC Panellink Receiver, SII169CT100	9322	185	79668
5751	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7747	IC, Serial EEPROM.	9322	046	99668
5780	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7749	Transistor, N-Ch. Enhancement FET.	9339	663	40215
5830	Coil, 22u.	2422	535	95278	7750	Transistor, N-Ch. Enhancement FET.	9339	663	40215
5860	Coil, 22u.	2422	535	95278	7820	IC, Adj. Step Down PWM Controller, L6910	9322	182	77668
5890	Coil, 22u.	2422	535	95278	7830	Transistor, Dual N-Ch. MOSFET, SI4936ADY	9322	160	70668
5892	Coil, 22u.	2422	535	95278	7850	IC, Adj. Step Down PWM Controller, L6910	9322	182	77668
6220	Diode, Signal, BAV99	3198	010	10620	7860	Transistor, Dual N-Ch. MOSFET, SI4936ADY	9322	160	70668
6221	Diode, Signal, BAV99	3198	010	10620	7870	IC, Adj. Pos. Volt. Reg., LD1117DT	9322	144	97668
6405	Diode, Signal, BAT54	3198	010	10660					
6485	Diode, Signal, BAT54	3198	010	10660					
6581	Diode, Signal, BAS316.	3198	010	10630					
6630	Zener Diode, 6.8V.	3198	020	56880					
6631	Zener Diode, 6.8V.	3198	020	56880					
6632	Zener Diode, 6.8V.	3198	020	56880					
6633	Zener Diode, 33V	3198	020	53390					
6634	Zener Diode, 33V	3198	020	53390					
6635	Zener Diode, 33V	3198	020	53390					
6636	Zener Diode, 33V	3198	020	53390					
6637	Zener Diode, 6.8V.	3198	020	56880					
6638	Zener Diode, 6.8V.	3198	020	56880					
6639	Zener Diode, 6.8V.	3198	020	56880					
6640	Zener Diode, 6.8V.	3198	020	56880					
6641	Zener Diode, 6.8V.	3198	020	56880					
6642	Zener Diode, 6.8V.	3198	020	56880					
6643	Zener Diode, 6.8V.	3198	020	56880					
6710	Zener Diode, 6.8V.	3198	020	56880					
6711	Zener Diode, 6.8V.	3198	020	56880					
6712	Zener Diode, 6.8V.	3198	020	56880					
6745	Diode, Signal, BAV99	3198	010	10620					
6746	Diode, Signal, BAV99	3198	010	10620					
6747	Diode, Signal, BAV99	3198	010	10620					
6748	Diode, Signal, BAV99	3198	010	10620					
6749	Diode, Signal, BAV99	3198	010	10620					
6750	Diode, Signal, BAV99	3198	010	10620					
6751	Zener Diode, 6.8V.	3198	020	56880					
6752	Zener Diode, 6.8V.	3198	020	56880					
6753	Diode, Signal, BAV99	3198	010	10620					
6754	Diode, Signal, BAV99	3198	010	10620					
6755	Diode, Signal, BAS316.	3198	010	10630					
6756	Diode, Signal, BAS316.	3198	010	10630					
6757	Zener Diode, 33V	3198	020	53390					
6758	Zener Diode, 33V	3198	020	53390					
6759	Zener Diode, 33V	3198	020	53390					
6760	Zener Diode, 33V	3198	020	53390					
6761	Zener Diode, 6.8V.	3198	020	56880					
6820	Diode, Signal, BAS316.	3198	010	10630					
6830	Diode, Rect, PRLL5819	9339	680	20115					
6850	Diode, Signal, BAS316.	3198	010	10630					
6860	Diode, Rect, PRLL5819	9339	680	20115					
7107	IC, 2 Ch. IIC Multiplexer, PCA9540	9352	666	74118					
7120	IC, Prog. Gate Array, EP1C6Q240C8.	9322	196	44671					
7137	IC, Volt Det. w/Prog. Delay, NCP303LS09.	9322	186	29685					
7160	IC, Adj. Pos. Volt. Reg., LD1117DT33	9322	134	45668					
7170	IC, 140 MSPS Analog Interface, AD9883A	9322	181	72671					
7195	IC, 100 MSPS, 3V A/D Converter, AD9283	9322	197	13668					
7255	IC, Serial Conf. Flash Memory, 1Mbit, EPC								
S1.		9322	196	51682					
7260	IC, Serial Conf. f/APEX & FLEX Dev., EPC2								
7295	IC, Digital Transmitter, SII160CT100	9322	171	04671					
7345	IC, 205 MSPS Analog FP Interface, AD9888								
7346	IC, Adj. Pos. Voltage Regulator.	9322	116	74668					
7347	IC, Quad Buffer/Driver, 74LVC125AD	9352	317	00118					
7405	IC, M24C32-WMN6.	9322	124	74668					
7406	IC, 64k x 16-bit Static RAM, CY62126BV	9322	164	75682					
7407	IC, PW181 Image Processor, PW181-10Q	9322	184	01671					
7409	IC, 16Mbit, 3V Flash Memory, M29W160ET	9322	194	74668					
7411	Crystal Oscillator, 14.31818MHz, FXO-34FL								
7484	Transistor, N-Ch. Enhancement FET.	9339	663	40215					
7486	Transistor, NPN, BC847BW	3198	010	42310					
7487	Transistor, NPN, BC847BW	3198	010	42310					
7490	Transistor, NPN, BC847BW	3198	010	42310					
7491	Transistor, NPN, BC847BW	3198	010	42310					
7494	IC, Prog. Shunt Volt. Ref., TS431.	9322	192	16685					
7537	IC, LVDS Receiver to 24bit Conv., DS90CF3								
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7581	IC, Dual Retrigger Mono Multivibrator, 74HC								
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7583	IC, Video Sync Separator, LM188.	9322	005	78668					

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0018	Bracket, Light Engine.	3135	034	01923
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0167	Documentation, Quick Use Guide, English.	3135	035	22913
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0193	Option Code Lable, LCoS.	3135	035	21852
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used).		3135	030	40171
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REFER TO SAFETY GUIDELINES

SAFETY NOTICE: ANY PERSON ATTEMPTING TO SERVICE THIS CHASSIS MUST FAMILIARIZE HIMSELF WITH THE CHASSIS AND BE AWARE OF THE NECESSARY SAFETY PRECAUTIONS TO BE USED WHEN SERVICING ELECTRONIC EQUIPMENT CONTAINING HIGH VOLTAGES.

CAUTION: USE A SEPARATE ISOLATION TRANSFORMER FOR THIS UNIT WHEN SERVICING

LAMP DRIVER PANEL

LAMP DRIVER PANEL
LAMP DRIVER PANEL 9137 001 77405

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3D Comb Filter Panel Parts
1153 3D Comb Filter Panel Asm. 3135 037 10261
0001 Shield, Bottom 3135 031 20101
0002 Shield, Top 3135 031 20092
1001 Resonator, Crystal, 20MHz 2422 543 01273
1008 Connector, 9 Pin 2422 025 17802
1009 Connector, 9 Pin 2422 025 17802
2000 Cap, 22p, 5%, 50v, Ceramic 3198 016 32290
2001 Cap, 100n, 10%, 16v, Ceramic 3198 017 31040
2002 Cap, 47u, 20%, 20v, Electrolytic 3198 032 58170
2003 Cap, 22p, 5%, 50v, Ceramic 3198 016 32290
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2005 Cap, 100n, 10%, 16v, Ceramic 3198 017 31040
2006 Cap, 47u, 20%, 20v, Electrolytic 3198 032 58170
2008 Cap, 1n, 5%, 25v, Ceramic 3198 016 31020
2009 Cap, 1u, 20%, 50v, Electrolytic 3198 030 81080
2010 Cap, 100n, 10%, 16v, Ceramic 3198 017 31040
2011 Cap, 100n, 10%, 16v, Ceramic 3198 017 31040
2012 Cap, 100n, 10%, 16v, Ceramic 3198 017 31040
2013 Cap, 10n, 10%, 50v, Ceramic 3198 017 31030
2014 Cap, 100n, 10%, 16v, Ceramic 3198 017 31040
2015 Cap, 10u, 20%, 20v, Electrolytic 3198 032 55130
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3014 Res, 10 ohm, 5%, 1/16W, Metalized Glass. 3198 021 31090
3015 Res, 10 ohm, 5%, 1/16W, Metalized Glass. 3198 021 31090
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3043 Res, 1K5, 5%, 1/16W, Metalized Glass . . 3198 021 31520
3044 Res, 10 ohm, 5%, 1/16W, Metalized Glass. 3198 021 31090
3055 Res, 220 ohm, 5%, 1/16W, Metalized Glass 3198 021 32210
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3058 Res, 220K, 5%, 1/16W, Metalized Glass. . 3198 021 32240
3059 Res, 27K, 5%, 1/16W, Metalized Glass . . 3198 021 32730
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3061 Res, 4K7, 5%, 1/16W, Metalized Glass . . 3198 021 34720
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3067 Res, 47 ohm, 5%, 1/16W, Metalized Glass. 3198 021 34790
3068 Res, 47 ohm, 5%, 1/16W, Metalized Glass. 3198 021 34790
3069 Res, 100K, 5%, 1/16W, Metalized Glass. . 3198 021 31040
3071 Res, 1K5, 5%, 1/16W, Metalized Glass . . 3198 021 31520
3072 Res, 2K7, 5%, 1/16W, Metalized Glass . . 3198 021 32720
3073 Res, 330 ohm, 5%, 1/16W, Metalized Glass 3198 021 33310
3074 Res, 330 ohm, 5%, 1/16W, Metalized Glass 3198 021 33310
3076 Res, 1K, 5%, 1/16W, Metalized Glass. . . 3198 021 31020
3077 Res, 220 ohm, 5%, 1/16W, Metalized Glass 3198 021 32210
3082 Res, 47 ohm, 5%, 1/16W, Metalized Glass. 3198 021 34790
3083 Res, 47 ohm, 5%, 1/16W, Metalized Glass. 3198 021 34790
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3100 Res, 1K, 5%, 1/16W, Metalized Glass. . . 3198 021 31020
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3102 Res, 100 ohm, 5%, 1/16W, Metalized Glass 3198 021 31010
3103 PTC, 6V, 1R3 2122 662 00139
3104 PTC, 6V, 1R3 2122 662 00139
3105 Res, 560 ohm, 5%, 1/16W, Metalized Glass 3198 021 35610
5000 Inductor, Fixed, 100Mhz, 120 ohm 3198 018 90070
5001 Inductor, Fixed, 100Mhz, 120 ohm 3198 018 90070
5003 Filter, Fixed, 14M3. 2422 549 44784
5004 Filter, Fixed, 14M3. 2422 549 44784
5005 Coil, 10u. 3198 018 41090
5006 Filter, Fixed, 14M3. 2422 549 44785
5007 Coil, 10u. 3198 018 41090
5008 Coil, 22u. 3198 018 72290
5009 Coil, 22u. 3198 018 72290
5010 Coil, 15u. 2422 535 94758
5011 Inductor, Fixed, 100Mhz, 120 ohm 3198 018 90070
5012 Inductor, Fixed, 100Mhz, 120 ohm 3198 018 90070
5013 Inductor, Fixed, 100Mhz, 120 ohm 3198 018 90070
5014 Inductor, Fixed, 100Mhz, 30 ohm 3198 018 90060
5015 Inductor, Fixed, 100Mhz, 30 ohm 3198 018 90060
5017 Inductor, Fixed, 100Mhz, 120 ohm 3198 018 90070
5019 Coil, 10u. 3198 018 41090
5020 Coil, 10u. 3198 018 41090
5021 Inductor, Fixed, 100Mhz, 120 ohm 3198 018 90070
5022 Inductor, Fixed, 100Mhz, 120 ohm 3198 018 90070
5024 Inductor, Fixed, 100Mhz, 120 ohm 3198 018 90070
5025 Inductor, Fixed, 100Mhz, 120 ohm 3198 018 90070
5027 Inductor, Fixed, 100Mhz, 120 ohm 3198 018 90070
5028 Inductor, Fixed, 100Mhz, 120 ohm 3198 018 90070
5029 Inductor, Fixed, 100Mhz, 120 ohm 3198 018 90070
5030 Inductor, Fixed, 100Mhz, 120 ohm 3198 018 90070
6000 Diode, Signal, BAV99 3198 010 10620
6001 Diode, Signal, BAV99 3198 010 10620
6002 Diode, Signal, BAV99 3198 010 10620
6003 LED, VS, TLMH3100. 9322 072 71685

S = Safety Part Be sure to use exact replacement part.

6004	Diode, Rect, S1D.	9322	128	69685	2352	Cap, 1000u, 20%, 10V, Electrolytic	2020	021	91814
6005	Diode, Rect, S1D.	9322	128	69685	2353	Cap, 22u, 20%, 35V, Electrolytic	2020	021	91811
6006	Diode, Signal, 1PS76SB10	9340	453	90115	2354	Cap, 22u, 20%, 100V, Electrolytic.	2020	021	91813
6007	Diode, Signal, BAS17	9335	262	90215	2355	Cap, 1u, 20%, 100V, Electrolytic	2020	021	91812
7000	Transistor, NPN, BC847B.	9335	895	90215	2356	Cap, 100p, 10%, 500V, Ceramic.	3198	019	41010
7001	Transistor, PNP, BC857B.	9335	897	60215	2357	Cap, 1500u, 20%, 25V, Electrolytic	2020	021	91806
7002	Transistor, NPN, BF570	9338	144	20215	2358	Cap, 1000u, 20%, 25V, Electrolytic	2020	021	91805
7003	Transistor, PNP, BC857B.	9335	897	60215	2360	Cap, 1500u, 20%, 25V, Electrolytic	2020	021	91806
7004	Transistor, NPN, BC847B.	9335	895	90215	2361	Cap, 1000u, 20%, 25V, Electrolytic	2020	021	91805
7005	Transistor, PNP, BC857B.	9335	897	60215	2362	Cap, 470p, 10%, 1KV, Ceramic	3198	019	54710
7006	Transistor, NPN, BF570	9338	144	20215	2363	Cap, 470u, 20%, 50V, Electrolytic.	2020	021	91809
7007	Transistor, PNP, BC857B.	9335	897	60215	2364	Cap, 470u, 20%, 50V, Electrolytic.	2020	021	91809
7008	Transistor, NPN, BC847B.	9335	895	90215	2365	Cap, 1u, 20%, 100V, Electrolytic	2020	021	91812
7009	Transistor, PNP, BC857B.	9335	897	60215	2366	Cap, 1000u, 20%, 10V, Electrolytic	2020	021	91814
7010	Transistor, NPN, BC847B.	9335	895	90215	2367	Cap, 22u, 20%, 35V, Electrolytic	2020	021	91811
7011	Transistor, NPN, BC847B.	9335	895	90215	3221	Res, 33K, 5%, 1W, Metal Film	3198	012	13330
7012	Transistor, PNP, BF550	9334	509	00215	3222	Res, 100 ohm, 5%, 2W, Metal Film	2120	105	93422
7015	Transistor, NPN, BC847B.	9335	895	90215	3223	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020
7016	Transistor, PNP, BC857B.	9335	897	60215	3224	Res, 470 ohm, 5%, 1/6W, Carbon Film.	3198	011	04710
7017	Transistor, NPN, BC847B.	9335	895	90215	3226	Res, 10K, 5%, 1/10W, Metalized Glass.	3198	021	51030
7019	IC, LM809M3-3.08	9322	163	48668	3227	Res, 33 ohm, 5%, 2W, Metal Film.	2120	105	93418
7020	Transistor, NPN, BC847B.	9335	895	90215	3228	Res, 100K, 5%, 1/10W, Metalized Glass.	3198	021	51040
7021	IC, LD1117DT33	9322	134	45668	3229	Res, 47 ohm, 5%, 1/10W, Metalized Glass.	3198	021	54790
7022	IC, LD1117DT25	9322	160	50668	3230	Res, 33 ohm, 5%, 2W, Metal Film.	2120	105	93418
7023	IC, UPD64083GF	9322	170	65671	3231	Res, 33K, 5%, 1/6W, Carbon Film.	3198	011	03330
					3233	Res, 1 ohm, 5%, 1/6W, Carbon Film.	3198	011	01080
					3237	Res, 10K7, 1%, 3/5W, Metal Film.	2312	915	11073
					3238	Res, 10K, 1%, 3/5W, Metal Film.	2312	915	11003
					3252	Res, 22 ohm, 1%, 3/5W, Metal Film.	2312	915	12209
					3253	Res, 27K, 1%, 3/5W, Metal Film.	2312	915	12703
					3254	Res, 4K7, 1%, 1/8W, Metalized Glass.	2322	734	64702
					3255	Res, 33K, 5%, 1/6W, Carbon Film.	3198	011	03330
					3256	Res, 1K, 5%, 1/6W, Carbon Film.	3198	011	01020
					3257	Res, 1K, 5%, 1/6W, Carbon Film.	3198	011	01020
					3259	Res, 680 ohm, 5%, 1/6W, Carbon Film.	3198	011	06810
					3260	Res, 2K2, 5%, 1/6W, Carbon Film.	3198	011	02220
					3321	Res, 22K, 5%, 1W, Metal Film.	3198	012	12230
					3322	Res, 100 ohm, 5%, 2W, Metal Film.	2120	105	93422
					3323	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020
					3324	Res, 470 ohm, 5%, 1/6W, Carbon Film.	3198	011	04710
					3325	Res, 33 ohm, 5%, 2W, Metal Film.	2120	105	93418
					3326	Res, 8K2, 5%, 1/10W, Metalized Glass.	3198	021	58220
					3327	Res, 10K, 5%, 1/10W, Metalized Glass.	3198	021	51030
					3328	Res, 2K7, 1%, 1/8W, Metalized Glass.	2322	734	62702
					3329	Res, 150 ohm, 5%, 1/6W, Carbon Film.	3198	011	01510
					3330	Res, 220 ohm, 5%, 1 1/3W, Metal Film.	3198	012	22210
					3331	Res, 270 ohm, 5%, 1/10W, Metalized Glass.	3198	021	52710
					3332	Res, 56K, 5%, 1/10W, Metalized Glass.	3198	021	55630
					3333	Res, 6R8, 1%, 3/5W, Metal Film.	2312	915	16808
					3334	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020
					3335	Res, 100K, 5%, 1/10W, Metalized Glass.	3198	021	51040
					3336	Res, 100 ohm, 5%, 1/6W, Carbon Film.	3198	011	01010
					3338	Res, 10K, 1%, 3/5W, Metal Film.	2312	915	11003
					3339	Res, 1K, 5%, 1 1/3W, Metal Film.	3198	012	21020
					3340	Res, 22K, 5%, 1W, Metal Film.	3198	012	12230
					3341	Res, 680 ohm, 5%, 3W, Metal Film.	3198	012	36810
					3342	Res, 10K, 1%, 3/5W, Metal Film.	2312	915	11003
					3343	Res, 1K8, 1%, 1/10W, Metalized Glass.	2120	108	92618
					3344	Res, 750K, 1%, 3/5W, Metal Film.	2312	915	17504
					3345	Res, 27K, 1%, 1/8W, Metalized Glass.	2322	734	62703
					3346	Res, 3K3, 5%, 1/6W, Carbon Film.	3198	011	03320
					3347	Res, 10 ohm, 5%, 1W, Metal Film.	3198	012	11090
					3348	Res, 100 ohm, 5%, 2W, Metal Film.	2120	105	93422
					3349	Res, 0R47, 5%, 3/5W, Metal Film.	3198	012	14770
					3350	Res, 8R2, 5%, 1/4W, Carbon Film.	2120	101	74828
					3351	Res, 0R1, 5%, 1 1/3W, Metal Film.	3198	012	21070
					3352	Res, 2K7, 1%, 3/5W, Metal Film.	2312	915	12702
					3353	Res, 100K, 5%, 1/10W, Metalized Glass.	3198	021	51040
					3354	Res, 8K2, 5%, 1/10W, Metalized Glass.	3198	021	58220
					3355	Res, 150K, 5%, 1/6W, Carbon Film.	3198	011	01540
					3356	Res, 1K, 5%, 1/6W, Carbon Film.	3198	011	01020
					3357	Res, 1K, 5%, 1/6W, Carbon Film.	3198	011	01020
					3358	Res, 3K3, 5%, 1/6W, Carbon Film.	3198	011	03320
					3359	Res, 180 ohm, 5%, 1/6W, Carbon Film.	3198	011	01810
					S 5201	Line Filter, 100uH, 2.2A	2422	549	44101
					5208	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
					5209	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
					S 5210	Switching Transformer, US28207-00.	2422	531	02555
					5212	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
					5213	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
					5214	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
					5215	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
					5216	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
					5217	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
					S 5301	Line Filter, 100uH, 2.2A	2422	549	44101
					5305	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
					5306	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
					5307	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
					5308	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
					5309	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
					S 5310	Switching Transformer, US28212-02.	2422	531	02594
					5315	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020

Main Power Panel Parts

Main Power Panel Parts				
	0218 Insulator, SP900, 19.0x27.9x0.23	3135	010	02331
	0219 Clip, Transistor	3135	011	02681
	0220 Spring Clip.	3139	121	24583
	0221 Spring Clip.	3139	121	24583
	0300 Insulator, SP900, 19.0x27.9x0.23	3135	010	02331
	0301 Clip, Transistor	3135	011	02681
	0302 Spring Clip.	3139	121	24583
	0305 Spring Clip.	3139	121	24583
	0306 Spring Clip.	3139	121	24583
	1206 Connector, 1 Pin	2422	015	18552
	1218 Heatsink	3135	031	60071
	1219 Heatsink, Dual T0-220.	3135	031	60133
	1300 Heatsink	3135	031	60071
	1302 Heatsink, Dual T0-220.	3135	031	60133
	1305 Heatsink, Dual T0-220.	3135	031	60133
	1311 Connector, 6 Pin, BM, V, M	2422	025	14044
	1312 Connector, 7 Pin	2422	025	11244
	1313 Connector, 8 Pin, BM, V, M	2422	025	10648
	1314 Connector, 9 Pin, BM, V, M	2422	025	12827
	1315 Connector, 10 Pin, BM, V, M.	2422	025	15085
S	2220 Cap, 100u, 20%, 400V, Electrolytic	2020	021	91759
	2221 Cap, 470p, 10%, 250V, Ceramic.	2020	554	90169
	2222 Cap, 1n, 10%, 1KV, Ceramic	2020	558	90557
	2223 Cap, 470p, 5%, 50V, Ceramic.	3198	016	04710
	2226 Cap, 1n, 10%, 1KV, Ceramic	2020	558	90557
	2227 Cap, 22u, 20%, 35V, Electrolytic	2020	021	91811
	2227 Cap, 22u, 20%, 35V, Electrolytic	2020	021	91811
	2233 Cap, 330p, 10%, 1KV, Ceramic	3198	019	63310
	2235 Cap, 1n, 10%, 1KV, Ceramic	3198	019	51020
	2236 Cap, 470p, 10%, 1KV, Ceramic	3198	019	64710
	2237 Cap, 470p, 10%, 1KV, Ceramic	3198	019	54710
	2238 Cap, 3300u, 20%, 16V, Electrolytic	2020	021	91816
	2239 Cap, 1000u, 20%, 16V, Electrolytic	2020	021	91803
	2240 Cap, 1000u, 20%, 16V, Electrolytic	2020	021	91803
	2241 Cap, 10u, 20%, 50V, Electrolytic	2020	021	91808
	2243 Cap, 100n, 10%, 50V, Polyester	3198	014	01040
	2244 Cap, 22u, 20%, 35V, Electrolytic	2020	021	91811
	2245 Cap, 47u, 20%, 16V, Electrolytic	2020	021	91804
	2246 Cap, 1u, 20%, 100V, Electrolytic	2020	021	91812
	2247 Cap, 22u, 20%, 35V, Electrolytic	2020	021	91811
2265 Cap, 1u, 20%, 100V, Electrolytic	2020	021	91812	
2310 Cap, 1n, 10%, 1KV, Ceramic	2020	558	90557	
2312 Cap, 1n, 10%, 1KV, Ceramic	2020	558	90557	
S	2320 Cap, 100u, 20%, 400V, Electrolytic	2020	021	91759
	2321 Cap, 470p, 10%, 250V, Ceramic.	2020	554	90169
	2323 Cap, 470p, 5%, 50V, Ceramic.	3198	016	04710
	2333 Cap, 470p, 10%, 1KV, Ceramic	3198	019	64710
	2335 Cap, 100p, 10%, 1KV, Ceramic	3198	019	51010
	2336 Cap, 4n7, 10%, 400V, Metalized Polyester	2222	365	55472
	2337 Cap, 470p, 10%, 1KV, Ceramic	3198	019	54710
	2338 Cap, 1000u, 20%, 25V, Electrolytic	2020	021	91805
	2339 Cap, 100n, 10%, 50V, Polyester	3198	014	01040
	2340 Cap, 10n, 10%, 50V, Ceramic.	3198	017	01030
	2341 Cap, 10u, 20%, 50V, Electrolytic	2020	021	91808
	2342 Cap, 100n, 10%, 50V, Polyester	3198	014	01040
	2343 Cap, 47u, 20%, 16V, Electrolytic	2020	021	91804
	2344 Cap, 47u, 20%, 16V, Electrolytic	2020	021	91804
	2345 Cap, 10n, 10%, 50V, Ceramic.	3198	017	01030
	2346 Cap, 100n, 10%, 50V, Polyester	3198	014	01040
	2347 Cap, 470p, 5%, 50V, Ceramic.	3198	016	04710
	2348 Cap, 1n, 10%, 50V, Ceramic	3198	019	11020
2349 Cap, 1000u, 20%, 10V, Electrolytic	2020	021	91814	
2350 Cap, 4n7, 10%, 50V, Ceramic.	3198	019	14720	
2351 Cap, 22n, +80/-20%, 50V, Ceramic	3198	019	22230	

5316	Coil, 10u.	2422	535	94639	2118	Cap, 470n, +80/-20%, 16v, Ceramic. . . .	3198	017	24740
5317	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2119	Cap, 470n, +80/-20%, 16v, Ceramic. . . .	3198	017	24740
5318	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2120	Cap, 220p, 5%, 50v, Ceramic.	3198	016	02210
5319	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2121	Cap, 10u, 20%, 50v, Electrolytic.	3198	029	51090
5320	Coil, 10u.	2422	535	94639	2122	Cap, 10u, 20%, 50v, Electrolytic.	3198	029	51090
5321	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2123	Cap, 10u, 20%, 50v, Electrolytic.	3198	029	51090
5322	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2124	Cap, 10u, 20%, 50v, Electrolytic.	3198	029	51090
5323	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2149	Cap, 470n, +80/-20%, 16v, Ceramic.	3198	017	24740
5324	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2150	Cap, 1u, +80/-20%, 16v, Ceramic.	3198	017	21050
5325	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2151	Cap, 100n, +80/-20%, 25v, Ceramic.	3198	023	21040
5326	Coil, 10u.	2422	535	95363	2152	Cap, 100n, +80/-20%, 25v, Ceramic.	3198	023	21040
5327	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2153	Cap, 100n, +80/-20%, 25v, Ceramic.	3198	023	21040
5328	Coil, 330u	2422	535	94863	2154	Cap, 100n, +80/-20%, 50v, Ceramic.	2020	552	95499
6201	Diode, Rect, BY229X-800	9340	380	30127	2155	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6202	Zener Diode, 5.1 volt.	3198	010	55180	2156	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6202	Zener Diode, 5.1 volt.	3198	010	55180	2157	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6204	Diode, Rect., PBYR10100X.	9340	555	24127	2158	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6205	Diode, Rect, BYV95C	9335	001	80133	2159	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
S 6207	IC, Optocoupler	9338	941	50682	2160	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6209	Diode, Signal, BAV21	3198	010	10070	2161	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6301	Diode, Rect, BY229X-800	9340	380	30127	2162	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6305	Diode, Rect, BYV95C	9335	001	80133	2163	Cap, 100n, +80/-20%, 25v, Ceramic.	3198	023	21040
6306	Diode, Signal, BAV21	3198	010	10070	2164	Cap, 100n, +80/-20%, 25v, Ceramic.	3198	023	21040
S 6307	IC, Optocoupler	9338	941	50682	2165	Cap, 100n, +80/-20%, 25v, Ceramic.	3198	023	21040
6308	Zener Diode, 5.1 volt.	3198	010	55180	2166	Cap, 2u2, +80/-20%, 10v, Ceramic.	3198	017	22250
6309	Diode, Signal, BAV21	3198	010	10070	2167	Cap, 22u, 20%, 50v, Electrolytic.	3198	025	52290
6312	Diode, Rect, SB360L-7024	9322	161	78682	2168	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
6313	Diode, Rect, BYV95C	9335	001	80133	2169	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
6314	Diode, Rect, BYW29EX-200.	9340	412	80127	2170	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
6315	Diode, Rect., PBYR10100X.	9340	555	24127	2171	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
6316	Diode, Rect, BYW95C-24.	9340	559	53112	2173	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
7202	IC, PWM Off-line Switcher.	9322	166	44687	2174	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
7203	Transistor, N Ch. FET, 2SK2886	9322	199	01687	2175	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
7206	IC, Prog. Ref. Regulator	9322	115	98676	2176	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
7209	IC, Prog. Ref. Regulator	9322	115	98676	2177	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
7210	Transistor, PNP, BC557B.	3198	020	40110	2178	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
7211	Transistor, NPN, BC547B.	3198	020	40030	2180	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7302	IC, PWM Off-line Switcher, TOP247Y	9322	181	88687	2181	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7303	Transistor, N Ch. FET, 2SK2886	9322	199	01687	2182	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7304	IC, Prog. Ref. Regulator	9322	115	98676	2183	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7306	IC, Prog. Ref. Regulator	9322	115	98676	2184	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7307	IC, Inverting Step Switch Reg., MC34063A	9322	036	71682	2185	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7308	Transistor, P Ch. FET, 2SJ334.	9322	199	02687	2186	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7309	IC, Prog. Ref. Regulator	9322	115	98676	2187	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7310	Transistor, PNP, BC557B.	3198	020	40110	2188	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
9001	Wire Jumper, 0.58MM.	3198	036	90010	2189	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
9003	Wire Jumper, 0.58MM.	3198	036	90010	3117	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010
9005	Wire Jumper, 0.58MM.	3198	036	90010	3118	Res, 30K, 1%, 1/8W, Metalized Glass.	2322	734	63003
9012	Wire Jumper, 0.58MM.	3198	036	90010	3119	Res, 100 ohm, 5%, 1/6W, Carbon Film.	3198	011	01010
9013	Wire Jumper, 0.58MM.	3198	036	90010	3120	Res, 51K, 1%, 1/8W, Metalized Glass.	2322	734	65103
9014	Wire Jumper, 0.58MM.	3198	036	90010	3121	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
9016	Wire Jumper, 0.58MM.	3198	036	90010	3122	Res, 100K, 5%, 1/10W, Metalized Glass.	3198	021	51040
9017	Wire Jumper, 0.58MM.	3198	036	90010	3123	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020
9018	Wire Jumper, 0.58MM.	3198	036	90010	3124	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020
9019	Wire Jumper, 0.58MM.	3198	036	90010	3125	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
9020	Wire Jumper, 0.58MM.	3198	036	90010	3126	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020
9024	Wire Jumper, 0.58MM.	3198	036	90010	3127	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020
9025	Wire Jumper, 0.58MM.	3198	036	90010	3128	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020
9026	Wire Jumper, 0.58MM.	3198	036	90010	3129	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020
9028	Wire Jumper, 0.58MM.	3198	036	90010	3130	Res, 1 ohm, 5%, 1/10W, Metalized Glass.	3198	021	51080
9029	Wire Jumper, 0.58MM.	3198	036	90010	3131	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020
9030	Wire Jumper, 0.58MM.	3198	036	90010	3133	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020
9031	Wire Jumper, 0.58MM.	3198	036	90010	3134	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020
9032	Wire Jumper, 0.58MM.	3198	036	90010	3136	Res, 47K, 5%, 1/10W, Metalized Glass.	3198	021	54730
9033	Wire Jumper, 0.58MM.	3198	036	90010	3137	Res, 47K, 5%, 1/10W, Metalized Glass.	3198	021	54730
9317	Wire Jumper, 0.58MM.	3198	036	90010	3139	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090
9318	Wire Jumper, 0.58MM.	3198	036	90010	3140	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090
1010	Main Power Supply Panel Asm.	3135	037	10663	3141	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090
					3142	Res, 10 ohm, 5%, 1/10W, Metalized Glass.	3198	021	51090
					3143	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090
					3144	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
					3145	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
					3146	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020
					3155	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
					3156	Res, 1K2, 5%, 1/10W, Metalized Glass.	3198	021	51220
					3157	Res, 1K2, 5%, 1/10W, Metalized Glass.	3198	021	51220
					3158	Res, 1K2, 5%, 1/6W, Carbon Film.	3198	011	01220
					3159	Res, 1K2, 5%, 1/6W, Carbon Film.	3198	011	01220
					3160	Res, 1K2, 5%, 1/10W, Metalized Glass.	3198	021	51220
					3161	Res, 1K2, 5%, 1/10W, Metalized Glass.	3198	021	51220
					3162	Res, 1K2, 5%, 1/6W, Carbon Film.	3198	011	01220
					3173	Res, 1K2, 5%, 1/6W, Carbon Film.	3198	011	01220
					3174	Res, 100 ohm, 5%, 1/6W, Carbon Film.	3198	011	01010
					3175	Res, 100 ohm, 5%, 1/6W, Carbon Film.	3198	011	01010
					3176	Res, 100 ohm, 5%, 1/6W, Carbon Film.	3198	011	01010
					3181	Res, 100 ohm, 5%, 1/6W, Carbon Film.	3198	011	01010
					3182	Res, 100 ohm, 5%, 1/6W, Carbon Film.	3198	011	01010
					3183	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010
					3184	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010
					3185	Res, 100 ohm, 5%, 1/6W, Carbon Film.	3198	011	01010
					3186	Res, 100 ohm, 5%, 1/6W, Carbon Film.	3198	011	01010
					3187	Res, 100 ohm, 5%, 1/6W, Carbon Film.	3198	011	01010

S = Safety Part Be sure to use exact replacement part.

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3318	Res,	68K,	5%,	1/10W,	Metalized Glass	3198	021	56830	5107	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3319	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5108	Coil, 1u			2422	535	95387
3320	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5109	Coil, 1u			2422	535	95387
3321	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5110	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3322	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5111	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3323	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5112	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3324	Res,	2K2,	5%,	1/10W,	Metalized Glass	3198	021	52220	5113	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3325	Res,	2K2,	5%,	1/10W,	Metalized Glass	3198	021	52220	5301	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3326	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	5302	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3328	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5303	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3329	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5304	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3330	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5305	Coil, 2u2.			3198	018	42280
3331	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5306	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3332	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5307	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3333	Res,	33 ohm,	5%,	1/10W,	Metalized Glass	3198	021	53390	5308	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3334	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5309	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3335	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	5310	Coil, 8u2.			3198	018	28280
3336	Res,	68K,	5%,	1/10W,	Metalized Glass	3198	021	56830	5311	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3337	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	5312	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3338	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	5313	Coil, 330u			2422	535	94649
3339	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5315	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3340	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5316	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3341	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5317	Coil, 8u2.			2422	535	96517
3342	Res,	1M,	5%,	1/10W,	Metalized Glass	3198	021	51050	6101	Diode, Signal,	BAS316.		3198	010	10630
3343	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6102	Diode, Signal,	BAS316.		3198	010	10630
3344	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6103	Diode, Signal,	BAS316.		3198	010	10630
3345	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6104	Diode, Signal,	BAS316.		3198	010	10630
3346	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6105	Diode, Rect,	SB140.		9339	577	60673
3347	Res,	1M,	5%,	1/10W,	Metalized Glass	3198	021	51050	6106	Diode, Signal,	BAS316.		3198	010	10630
3348	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6107	Diode, Signal,	BAS316.		3198	010	10630
3349	Res,	1K,	5%,	1/10W,	Metalized Glass	3198	021	51020	6108	Diode, Signal,	BAS316.		3198	010	10630
3350	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	6109	Diode, Signal,	BAS316.		3198	010	10630
3351	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6110	Diode, Signal,	BAS316.		3198	010	10630
3352	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6111	Diode, Signal,	BAS316.		3198	010	10630
3353	Res,	3K3,	5%,	1/10W,	Metalized Glass	3198	021	53320	6112	Zener Diode,	15 volt		9335	006	90133
3354	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6113	Diode, Signal,	1PS76SB10		9340	453	90115
3355	Res,	220 ohm,	5%,	1/10W,	Metalized Glass	3198	021	52210	6114	Diode, Signal,	1PS76SB10		9340	453	90115
3356	Res,	1K2,	5%,	1/10W,	Metalized Glass	3198	021	51220	6201	Zener Diode,	6.8 volt.		9340	548	55115
3357	Res,	1K,	5%,	1/10W,	Metalized Glass	3198	021	51020	6202	Zener Diode,	6.8 volt.		9340	548	55115
3358	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6300	Diode, Signal,	BAS316.		3198	010	10630
3359	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6301	Diode, Signal,	BAS316.		3198	010	10630
3360	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6302	Diode, Signal,	BAS316.		3198	010	10630
3361	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6304	Diode, Signal,	BAS316.		3198	010	10630
3362	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	6305	Diode, Signal,	BAS316.		3198	010	10630
3363	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	6306	Diode, Signal,	BAS316.		3198	010	10630
3364	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	7001	Transistor, NPN,	BC847B.		3198	010	42030
3365	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	7002	Transistor, NPN,	BC847B.		3198	010	42030
3366	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	7003	Transistor, NPN,	BC847B.		3198	010	42030
3367	Res,	56K,	5%,	1/10W,	Metalized Glass	3198	021	55630	7004	Transistor, NPN,	BC847B.		3198	010	42030
3371	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7005	Transistor, PNP,	BC857B.		3198	010	42150
3372	Res,	2K2,	5%,	1/10W,	Metalized Glass	3198	021	52220	7006	Transistor, PNP,	BC857B.		3198	010	42150
3373	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	7007	Transistor, PNP,	BC857B.		3198	010	42150
3374	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7008	Transistor, NPN,	BC847B.		3198	010	42030
3375	Res,	15K,	5%,	1/10W,	Metalized Glass	3198	021	51530	7009	Transistor, NPN,	BC847B.		3198	010	42030
3376	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7010	Transistor, NPN,	BC847B.		3198	010	42030
3377	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7011	Transistor, NPN,	BC847B.		3198	010	42030
3378	Res,	39K,	5%,	1/10W,	Metalized Glass	3198	021	53930	7012	Transistor, NPN,	BC847B.		3198	010	42030
3379	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7013	Transistor, PNP,	BC857B.		3198	010	42150
3380	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7014	F.E.T. STD3NK60Z.			9322	195	38668
3381	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7015	Transistor, PNP,	BC857B.		3198	010	42150
3382	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7017	Transistor, PNP,	BC857B.		3198	010	42150
3383	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7018	Transistor, NPN,	BC847B.		3198	010	42030
3384	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7020	Transistor, NPN,	BC847B.		3198	010	42030
3385	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7021	Transistor, NPN,	BC847B.		3198	010	42030
3390	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7022	Transistor, NPN,	BC847B.		3198	010	42030
3391	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7023	Transistor, NPN,	BC847B.		3198	010	42030
3392	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7024	Transistor, PNP,	BC857B.		3198	010	42150
3393	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7025	Transistor, NPN,	BC847B.		3198	010	42030
3394	Res,	1K,	5%,	1/10W,	Metalized Glass	3198	021	51020	7101	IC, TC74HC590AF-EL			9322	167	76668
3395	Res,	10 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51090	7102	IC, TC74HC590AF-EL			9322	167	76668
3396	Res,	1K,	5%,	1/10W,	Metalized Glass	3198	021	51020	7103	IC, CY7C199-15ZC			9322	153	66668
4104	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7104	IC, MOS, Digital, Logic,	74HCT573DB.		9351	869	80118
4105	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7105	IC, MOS, Digital, Logic,	74HCT573DB.		9351	869	80118
4106	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7106	IC, CD74ACT151M.			9322	195	64668
4107	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7107	IC, M24C32-WMN6.			9322	124	74668
4108	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7108	IC, P89C668HBA/00.			9352	654	18112
4109	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7109	IC, TL431BCLP.			9322	115	98676
4110	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7110	IC, TLC0832CD.			9322	185	44668
4114	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7111	IC, NE555D.			9336	561	10623
4115	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7113	IC, TEA6422D.			9322	116	87668
4116	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7114	IC, PCF8574T.			9337	280	80118
4117	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7115	IC, TL431BCLP.			9322	115	98676
4118	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7116	IC, TDA7309D.			9322	110	45668
4119	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7117	IC, TDA1308T/N1.			9350	721	10115
4120	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7118	IC, NE555D.			9336	561	10623
4121	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7120	F.E.T. Signal, BSN20			9340	125	00235
4129	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7121	F.E.T. Signal, BSN20			9340	125	00235
5101	Coil,	6u8.				2422	535	94819	9001	Wire Jumper, 0.58MM.			3198	036	90010
5102	Coil,	1u				2422	535	95387	9002	Wire Jumper, 0.58MM.			3198		

1024	LED Panel Asm.	3135	037	10741
0207	Holder, LED.	3139	124	23831
0209	Holder, Photo Diode.	3104	304	19732
1201	Connector, 4 Pin	2422	025	12489
1214	Connector, 10 Pin.	2422	025	12493
2001	Cap, 10u, 20%, 50v, Electrolytic	3198	025	51090
2002	Cap, 470n, +80/-20%, 10v, Ceramic. . . .	3198	017	44740
2003	Cap, 100u, 20%, 10v, Electrolytic. . . .	3198	025	11010
2004	Cap, 470n, +80/-20%, 10v, Ceramic. . . .	3198	017	44740
3001	Res, 150 ohm, 5%, 1/16W, Metalized Glass	3198	021	31510
3002	Res, 470 ohm, 5%, 1/16W, Metalized Glass	3198	021	34710
3003	Res, 1K2, 5%, 1/16W, Metalized Glass . . .	3198	021	31220
3004	Res, 10K, 5%, 1/16W, Metalized Glass . . .	3198	021	31030
3005	Res, 15K, 5%, 1/10W, Metalized Glass . . .	3198	021	51530
3006	Res, 330 ohm, 5%, 1/10W, Metalized Glass	3198	021	53310
3007	Res, 1K5, 5%, 1/16W, Metalized Glass . . .	3198	021	31520
3008	Res, 6K8, 5%, 1/16W, Metalized Glass . . .	3198	021	36820
3009	Res, 1M5, 5%, 1/16W, Metalized Glass . . .	2322	702	60155
3010	Res, 10K, 5%, 1/16W, Metalized Glass . . .	3198	021	31030
3011	Res, 3K3, 5%, 1/16W, Metalized Glass . . .	3198	021	33320
3012	Res, 4K7, 5%, 1/16W, Metalized Glass . . .	3198	021	34720
3013	Res, 10K, 5%, 1/16W, Metalized Glass . . .	3198	021	31030
3014	Res, 1M5, 5%, 1/16W, Metalized Glass . . .	2322	702	60155
3016	Res, 1K, 5%, 1/16W, Metalized Glass. . . .	3198	021	31020
3017	Res, 3K3, 5%, 1/16W, Metalized Glass . . .	3198	021	33320
4002	Res, Zero ohm, "Chip" Jumper	3198	021	90020
4003	Res, Zero ohm, "Chip" Jumper	3198	021	90030
4004	Res, Zero ohm, "Chip" Jumper	3198	021	90030
4005	Res, Zero ohm, "Chip" Jumper	3198	021	90030
6000	LED, TLUV5300.	9338	792	00682
6003	IR Receiver, TSOP2136UH1	9322	159	21667
6004	Optical Sensor, BPW46.	9322	032	38682
7000	IC, LM358DR2	9339	265	90668
7001	Transistor, NPN, BC847B.	3198	010	42030

Side Jack Panel Parts

Side Jack Panel Parts				
1028	Side Jack Panel Asm.	3135	037	10751
1300	Switch, Push, 2 Pin, 2 Position, 30v . . .	2422	128	03068
1301	Socket, MDin, 4 Pin, TCS7959 Y	2422	026	05157
1302	Socket, Cinch, 3 Pin	2422	026	05493
1303	Socket, Phone, 1 Pin	2422	026	04747
1335	Connector, 11 Pin.	2422	025	12485
1337	Connector, 1 Pin	2422	015	18552
1344	Connector, 5 Pin	2422	025	12481
2107	Cap, 680p, 5%, 50v, Ceramic.	3198	016	06810
2108	Cap, 100p, 5%, 50v, Ceramic.	3198	016	01010
2109	Cap, 680p, 5%, 50v, Ceramic.	3198	016	06810
2110	Cap, 100p, 5%, 50v, Ceramic.	3198	016	01010
2111	Cap, 680p, 5%, 50v, Ceramic.	3198	016	06810
2112	Cap, 10n, 10%, 50v, Ceramic.	3198	017	01030
2113	Cap, 680p, 5%, 50v, Ceramic.	3198	016	06810
2114	Cap, 10n, 10%, 50v, Ceramic.	3198	017	01030
2115	Cap, 100n, +80/-20%, 25v, Ceramic.	3198	023	21040
3106	Res, 75 ohm, 5%, 1/10W, Metalized Glass. .	3198	021	57590
3107	Res, 75 ohm, 5%, 1/10W, Metalized Glass. .	3198	021	57590
3115	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010
3116	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51020
3117	Res, 47K, 5%, 1/10W, Metalized Glass . . .	3198	021	54730
3118	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51020
3119	Res, 47K, 5%, 1/10W, Metalized Glass . . .	3198	021	54730
3120	Res, 10 ohm, 5%, 1/10W, Metalized Glass. .	3198	021	51090
3121	Res, 10 ohm, 5%, 1/10W, Metalized Glass. .	3198	021	51090
3122	Res, 10K, 5%, 1/10W, Metalized Glass . . .	3198	021	51030
3123	Res, 10 ohm, 5%, 1/10W, Metalized Glass. .	3198	021	51090
3124	Res, 10 ohm, 5%, 1/10W, Metalized Glass. .	3198	021	51090
3125	Res, 10K, 5%, 1/10W, Metalized Glass . . .	3198	021	51030
4001	Res, Zero ohm, "Chip" Jumper	3198	021	90020
4002	Res, Zero ohm, "Chip" Jumper	3198	021	90020
5001	Coil, 270n	3198	018	32770
5002	Coil, 270n	3198	018	32770
6001	Zener Diode, 6.8 volt.	9340	386	40115
6002	Zener Diode, 6.8 volt.	9340	386	40115
6003	Zener Diode, 6.8 volt.	9340	386	40115
6004	Zener Diode, 6.8 volt.	9340	386	40115
6005	Zener Diode, 6.8 volt.	9340	386	40115
6006	Zener Diode, 6.8 volt.	9340	386	40115
6007	Zener Diode, 6.8 volt.	9340	386	40115
6008	Zener Diode, 6.8 volt.	9340	386	40115
6009	Zener Diode, 6.8 volt.	9340	386	40115
6010	Zener Diode, 6.8 volt.	9340	386	40115
6011	Zener Diode, 6.8 volt.	9340	386	40115
6012	Zener Diode, 6.8 volt.	9340	386	40115

LED/Keyboard Panel Parts

LED/Keyboard Panel Parts				
1032	LED/Keyboard Panel Asm.	3135	037	10771
1001	Switch, Tactile.	2422	128	02742
1002	Switch, Tactile.	2422	128	02742
1003	Switch, Tactile.	2422	128	02742
1004	Switch, Tactile.	2422	128	02742
1005	Switch, Tactile.	2422	128	02742

S = Safety Part Be sure to use exact replacement part.

1006	Switch, Tactile.	2422	128	02742
1201	Connector, 4 Pin	2422	025	12489
1202	Connector, 1 Pin	2422	015	18551
1203	LED, Holder (Not Shown).	3135	034	00711
3001	Res, 390 ohm, 1%, 1/8W, Metalized Glass. .	2322	734	63901
3002	Res, 200 ohm, 1%, 1/8W, Metalized Glass. .	2322	734	62001
3003	Res, 620 ohm, 1%, 1/8W, Metalized Glass. .	2322	734	66201
3004	Res, 1K1, 1%, 1/8W, Metalized Glass. . . .	2322	734	61102
3006	Res, 2K, 1%, 1/8W, Metalized Glass	2322	734	62002
3007	Res, 2K4, 1%, 1/8W, Metalized Glass. . . .	2322	734	62402
3009	Res, 910 ohm, 1%, 1/8W, Metalized Glass. .	2322	734	69101
3010	Res, 160 ohm, 1%, 1/8W, Metalized Glass. .	2322	734	61601
3011	Res, 120 ohm, 5%, 1/10W, Metalized Glass	3198	021	51210
4000	Res, Zero ohm, "Chip" Jumper	3198	021	90020
6001	Zener Diode, 6.8 volt.	9340	386	40115
6002	Zener Diode, 6.8 volt.	9340	386	40115
6003	LED, TLHB5400.	9322	188	10682
7000	Transistor, NPN, BC847B.	3198	010	42030

Thermal Sensor Panel Parts

Thermal Sensor Panel Parts				
1034	Thermal Sensor Panel Asm.	3135	037	10781
1202	Connector, 3 Pin	2422	025	10775
2001	Cap, 100n, 10%, 16v, Ceramic	3198	017	01040
2002	Cap, 100n, 10%, 16v, Ceramic	3198	017	01040
3001	Res, 5K6, 1%, 1/8W, Metalized Glass. . . .	2322	734	65602
3002	Res, 68K, 1%, 1/8W, Metalized Glass. . . .	2322	734	66803
3003	Res, 820 ohm, 1%, 1/8W, Metalized Glass. .	2122	118	05988
3004	Res, 680 ohm, 1%, 1/8W, Metalized Glass. .	2322	734	66801
3005	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010
S 3006	NTC, 10K, 5%, 1/2W	2322	640	33103
3007	Res, 1M, 5%, 1/10W, Metalized Glass. . . .	3198	021	51050
3008	Res, 22K, 5%, 1/10W, Metalized Glass . . .	3198	021	52230
4001	Res, Zero ohm, "Chip" Jumper	3198	021	90020
7001	Transistor, NPN, BC847B.	3198	010	42030
7002	Transistor, NPN, BC847B.	3198	010	42030

Input Power Panel Parts

Input Power Panel Parts				
1045	Input Power Panel Asm.	3135	037	11421
0001	Insulator, SP-900.	3135	010	02331
0002	Clip, Transistor	3135	011	02681
0013	Spring	3139	121	24583
0014	Spring	3139	121	24583
0018	Insulator, SP-900.	3135	010	02331
0019	Clip, Transistor	3135	011	02681
0020	Spring	3139	121	24583
0201	Spring	3135	011	01041
0215	Insulator.	3135	010	02321
1206	Connector, 1 Pin	2422	015	18552
1208	Surge Protector, DSP-501N-A21F	2422	549	42349
1209	Connector, 1 Pin	2422	015	18552
S 1210	Relay, 1 Pin, 5V, 5A	2422	132	07411
S 1211	Fuse/Clip, 6A3, 250V, IEC.	2422	093	00036
1212	Connector, 4 Pin	2422	025	15503
S 1214	Protection Device, 5.5 KVDC, UL5500. . .	2422	549	43369
1215	Heatsink	3135	031	60051
1217	Connector, 1 Pin	2422	015	18552
1218	Connector, 1 Pin	2422	015	18552
1310	Connector, 2 Pin	2422	025	11196
1311	Connector, 6 Pin	2422	025	14044
1316	Connector, 4 Pin	2422	025	10647
1401	Heatsink	3135	031	60071
1402	Heatsink, TO-220	3135	031	60133
1403	Connector, 12 Pin.	2422	025	08333
1410	Connector, 2 Pin	2412	020	00724
1460	Connector, 3 Pin	2412	020	00725
1518	Heatsink	3135	031	60071
1520	Heatsink, TO-220	3135	031	60133
2200	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557
2201	Cap, 220n, 20%, 275v, Metalized Polypropylene	2222	336	29146
2202	Cap, 1m5, 20%, 200v, Electrolytic.	2020	021	91747
2203	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557
2205	Cap, 680n, 20%, 275v, Metalized Polypropylene	2222	336	29149
2209	Cap, 1m5, 20%, 200v, Electrolytic.	2020	021	91747
2210	Cap, 1n, 5%, 50v, Ceramic.	3198	016	01020
2211	Cap, 1n, 5%, 50v, Ceramic.	3198	016	01020
2212	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557
S 2213	Cap, 470p, 10%, 50v, Ceramic	2020	554	90169
S 2214	Cap, 470p, 10%, 50v, Ceramic	2020	554	90169
2215	Cap, 100n, 10%, 16v, Ceramic	3198	017	01040
2216	Cap, 1n, 5%, 50v, Ceramic.	3198	016	01020
2217	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557
2219	Cap, 100u, 20%, 400v, Electrolytic	2020	021	91759
S 2220	Cap, 470p, 10%, 50v, Ceramic	2020	554	90169
2225	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
2249	Cap, 100n, 10%, 50v, Polyester	3198	014	01040
S 2421	Cap, 470p, 10%, 50v, Ceramic	2020	554	90169
2423	Cap, 470p, 5%, 50v, Ceramic.	3198	016	04710
2424	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557

	2431	Cap, 100p, 10%, 1000v, Ceramic	2252	711	95001	5407	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
	2432	Cap, 1n, 10%, 1000v, Ceramic	3198	019	61020	5408	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
	2433	Cap, 100p, 10%, 1000v, Ceramic	2252	711	95001	5409	Coil, 1u	2422	535	95387
S	2435	Cap, 470p, 10%, 50v, Ceramic	2020	554	90169	5410	Transformer, SMT Layer, US28206-01	2422	531	02553
	2436	Cap, 47u, 20%, 50v, Electrolytic	2020	021	91521	5411	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
	2437	Cap, 100p, 10%, 1000v, Ceramic	2252	711	95001	5412	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
	2441	Cap, 22u, 20%, 35v, Electrolytic	2020	021	91811	5417	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
	2442	Cap, 100n, 10%, 50v, Polyester	3198	014	01040	5419	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
	2443	Cap, 4n7, 10%, 50v, Ceramic	3198	019	14720	5420	Coil, 1u	2422	535	95387
	2444	Cap, 22u, 20%, 35v, Electrolytic	2020	021	91811	5422	Coil, 1u	2422	535	95387
	2453	Cap, 470p, 10%, 1000v, Ceramic	3198	019	64710	5502	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
	2454	Cap, 1000u, 20%, 35v, Electrolytic	2020	021	91411	5503	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
	2456	Cap, 470p, 10%, 1000v, Ceramic	3198	019	64710	5507	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
	2457	Cap, 1000u, 20%, 35v, Electrolytic	2020	021	91411	5509	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
	2472	Cap, 220u, 20%, 10v, Electrolytic.	3198	025	12210	5510	Coil, Choke, 190uH, UC28214-03 Y	2422	536	00594
	2473	Cap, 1n, 5%, 50v, Ceramic	3198	016	01020	5514	Filter, Mains, 100uH, 2A2, W8051	2422	549	44101
	2522	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557	6200	Diode, Signal, 1N4148.	3198	010	10010
	2523	Cap, 470p, 10%, 50v, Ceramic	3198	019	14710	6201	Diode, Bridge Rect, GBU6JL-7002	9322	138	08667
	2530	Cap, 220p, 10%, 1000v, Ceramic	3198	019	62210	6202	Diode, Bridge Rect, GBU4JL-7002	9322	132	55667
	2534	Cap, 100u, 20%, 400v, Electrolytic	2020	021	91759	6402	Diode, Signal, 1N4148.	3198	010	10010
	2535	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557	6403	Diode, Signal, BAS316.	3198	010	10630
	2536	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557	6404	Optic Coupler, CQY80NG	9338	941	50682
	2541	Cap, 10u, 20%, 50v, Electrolytic	2020	021	91808	6405	Diode, Rect, BYV95C	9335	001	80133
	2542	Cap, 10n, +80/-20%, 50v, Ceramic	3198	019	21030	6406	Zener Diode, 18 volt	3198	010	21890
	2543	Cap, 22n, +80/-20%, 50v, Ceramic	3198	019	22230	6407	Zener Diode, 6.8 volt.	3198	010	26880
	2544	Cap, 47u, 20%, 16v, Electrolytic	2020	021	91804	6408	Diode, Signal, BAS316.	3198	010	10630
	3204	Res, 2M2, 5%, 1/2W, Metalized Glass.	2322	242	13225	6409	Diode, Signal, 1N4148.	3198	010	10010
	3207	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	6410	Optic Coupler, CQY80NG	9338	941	50682
	3210	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	6411	Diode, Rect, BY229X-800	9340	380	30127
	3211	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	6413	Diode, Rect, BYW29EX-200	9340	412	80127
S	3212	VDR, DC, 1MA/495V, MAX 850VB.	2322	595	90021	6414	Diode, Rect, BYW29EX-200	9340	412	80127
	3213	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	6501	Diode, Rect, BYV29F-400	9338	673	00127
	3214	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	7211	Transistor, NPN, BC547B.	3198	020	40030
	3215	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	7212	Transistor, PNP, BC857B.	3198	010	42150
	3216	Res, 4M7, 5%, 1/2W, Metalized Glass.	2322	242	13475	7402	IC, TOP247Y.	9322	181	88687
	3217	Res, 220 ohm, 20%, 1/2W, Carbon Film	2120	103	90042	7406	IC, TL431BCLP.	9322	115	98676
	3218	Res, 4M7, 5%, 1/2W, Metalized Glass.	2322	242	13475	7408	Transistor, PNP, BC857B.	3198	010	42150
	3219	Res, 4M7, 5%, 1/2W, Metalized Glass.	2322	242	13475	7409	Transistor, NPN, BC847B.	3198	010	42030
	3245	Res, 3K3, 5%, 1/10W, Metalized Glass	3198	021	53320	7410	Transistor, PNP, BC857B.	3198	010	42150
	3246	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020	7411	Transistor, NPN, BC847B.	3198	010	42030
	3247	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020	7412	Transistor, PNP, BC857B.	3198	010	42150
	3248	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020	7500	Transistor, PNP, BC857B.	3198	010	42150
	3249	Res, 100K, 5%, 1/10W, Metalized Glass.	3198	021	51040	7502	IC, TOP247Y.	9322	181	88687
	3252	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010	7506	IC, TL431BCLP.	9322	115	98676
	3253	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010	9010	Wire Jumper, 0.58MM.	3198	036	90010
	3403	Res, 12K, 5%, 1/6W, Carbon Film	3198	011	01230	9011	Wire Jumper, 0.58MM.	3198	036	90010
	3425	Res, 100 ohm, 5%, 3W, Metal Film	2120	105	93581	9016	Wire Jumper, 0.58MM.	3198	036	90010
	3426	Res, 56K, 1%, 3/5W, Metal Film	2312	915	15603	9020	Wire Jumper, 0.58MM.	3198	036	90010
	3429	Res, 1K2, 5%, 1/6W, Carbon Film	3198	011	01220	9022	Wire Jumper, 0.58MM.	3198	036	90010
	3430	Res, 470 ohm, 5%, 1/6W, Carbon Film.	3198	011	04710	9023	Wire Jumper, 0.58MM.	3198	036	90010
	3431	Res, 56K, 5%, 1/6W, Carbon Film.	3198	011	05630	9024	Wire Jumper, 0.58MM.	3198	036	90010
	3432	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020	9025	Wire Jumper, 0.58MM.	3198	036	90010
	3433	Res, 6R8, 1%, 3/5W, Metal Film	2312	915	16808	9026	Wire Jumper, 0.58MM.	3198	036	90010
	3438	Res, 10K, 1%, 3/5W, Metal Film	2312	915	11003	9027	Wire Jumper, 0.58MM.	3198	036	90010
	3441	Res, 4K7, 5%, 1/6W, Carbon Film.	3198	011	04720	9028	Wire Jumper, 0.58MM.	3198	036	90010
	3444	Res, 820K, 1%, 3/5W, Metal Film.	2312	915	18204	9029	Wire Jumper, 0.58MM.	3198	036	90010
	3445	Res, 100K, 1%, 3/5W, Metal Film.	2312	915	11004	9201	Wire Jumper, 0.58MM.	3198	036	90010
	3453	Res, 33 ohm, 5%, 2W, Metal Film.	2120	105	93418	9204	Wire Jumper, 0.58MM.	3198	036	90010
	3456	Res, 33 ohm, 5%, 2W, Metal Film.	2120	105	93418	9206	Wire Jumper, 0.58MM.	3198	036	90010
	3460	Res, 10K, 5%, 1/6W, Carbon Film.	3198	011	01030	9207	Wire Jumper, 0.58MM.	3198	036	90010
	3461	Res, 10K, 5%, 1/6W, Carbon Film.	3198	011	01030					
	3462	Res, 4K7, 5%, 1/10W, Metalized Glass	3198	021	54720					
	3463	Res, 10K, 5%, 1/10W, Metalized Glass	3198	021	51030					
	3464	Res, 2K7, 5%, 1/10W, Metalized Glass	3198	021	52720					
	3465	Res, 3K9, 5%, 1/10W, Metalized Glass	3198	021	53920					
	3466	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020					
	3470	Res, 47 ohm, 5%, 1/6W, Carbon Film	3198	011	04790					
	3471	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020					
	3472	Res, 1K2, 5%, 1/6W, Carbon Film.	3198	011	01220					
	3473	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020					
	3474	Res, 100K, 5%, 1/10W, Metalized Glass.	3198	021	51040					
	3475	Res, 10K, 5%, 1/10W, Metalized Glass	3198	021	51030					
	3476	Res, 10K, 5%, 1/10W, Metalized Glass	3198	021	51030					
	3522	Res, 33 ohm, 5%, 2W, Metal Film.	2120	105	93418					
	3526	Res, 10K, 5%, 1/6W, Carbon Film.	3198	011	01030					
	3533	Res, 6R8, 1%, 3/5W, Metal Film	2312	915	16808					
	3536	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090					
	3537	Res, 3K3, 5%, 1/6W, Carbon Film.	3198	011	03320					
	3538	Res, 1K, 1%, 3/5W, Metal Film.	2312	915	11002					
	3539	Res, 470 ohm, 5%, 1/6W, Carbon Film.	3198	011	04710					
	3540	Res, 150K, 1%, 3/5W, Metal Film.	2312	915	11504					
	3541	Res, 150K, 1%, 3/5W, Metal Film.	2312	915	11504					
	3542	Res, 120K, 1%, 3/5W, Metal Film.	2312	915	11204					
	3543	Res, 3K, 1%, 1/8W, Metalized Glass	2322	734	63002					
	3544	Res, 22K, 5%, 1/10W, Metalized Glass	3198	021	52230					
	5210	Inductor, Fixed, 100MHZ, 30 ohm.	3198	018	90060					
	5211	Inductor, Fixed, 100MHZ, 30 ohm.	3198	018	90060					
	5212	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020					
	5213	Filter, Mains, 8mH, 7A, JLB2806.	2422	549	44591					
	5214	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020					
	5218	Filter, Mains, 8mH, 7A, JLB2806.	2422	549	44591					
	5406	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020					

S = Safety Part Be sure to use exact replacement part.

Audio Amp Panel Parts

Audio Amp Panel Parts				
0070	Clip, Transistor	3135	011	02681
0071	Insulator.	3135	010	02351
1012	Audio Amp Panel Asm.	3135	037	11411
1216	Connector, 1 Pin	2422	015	18551
1305	Connetort, 7 Pin	2422	025	09407
1316	Connector, 4 Pin	2422	025	10647
1321	Connector.	2422	025	15781
1700	Connector, 8 Pin	2422	025	12483
1701	Heatsink, Vertical, Audio.	3135	031	60151
1702	Thyristor, BT169B.	9338	268	50126
1703	Inductor, fixed, line Filter, 50V, 2A4	2422	549	43778
1704	Inductor, fixed, line Filter, 50V, 2A4	2422	549	43778
2701	Cap, 680n, 10%, 63v, Metalized Polyester	2222	365	75684
2702	Cap, 10n, +80/-20%, 50v, Ceramic	3198	017	21030
2703	Cap, 680n, 10%, 63v, Metalized Polyester	2222	365	75684
2704	Cap, 10n, +80/-20%, 50v, Ceramic	3198	017	21030
2705	Cap, 2u2, 20%, 50v, Electrolytic	3198	025	52280
2706	Cap, 100n, 10%, 16v, Ceramic	3198	017	01040
2707	Cap, 100n, 10%, 16v, Ceramic	3198	017	01040
2708	Cap, 220n, +80/-20%, 25v, Ceramic.	3198	023	22240
2709	Cap, 470p, 5%, 50v, Ceramic.	3198	016	04710
2710	Cap, 470p, 5%, 50v, Ceramic.	3198	016	04710
2711	Cap, 1n, 5%, 50v, Ceramic.	3198	016	01020
2712	Cap, 220n, +80/-20%, 50v, Ceramic.	2238	580	19814
2713	Cap, 100n, 10%, 16v, Ceramic	3198	017	01040
2714	Cap, 33n, 10%, 50v, Ceramic.	3198	017	03330
2715	Cap, 1n, 5%, 50v, Ceramic.	3198	016	01020
2716	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
2717	Cap, 100p. 5%. 50v. Ceramic.	3198	016	01010

2718	Cap, 22p, 5%, 50v, Ceramic	3198 016 02290	6709	Diode, Signal, BAS316.	3198 010 10630
2719	Cap, 1n, 5%, 50v, Ceramic.	3198 016 01020	6710	Diode, Signal, BAS316.	3198 010 10630
2720	Cap, 220n, +80/-20%, 25v, Ceramic.	3198 023 22240	6711	Diode, Signal, BAS316.	3198 010 10630
2721	Cap, 470p, 5%, 50v, Ceramic.	3198 016 04710	7700	IC, TDA7490.	9322 147 50667
2722	Cap, 470p, 5%, 50v, Ceramic.	3198 016 04710	7701	Transistor, NPN, BC847B.	3198 010 42030
2723	Cap, 220n, +80/-20%, 50v, Ceramic.	2238 580 19814	7704	Transistor, NPN, BC847B.	3198 010 42030
2724	Cap, 220n, +80/-20%, 50v, Ceramic.	2238 580 19814	7705	Transistor, NPN, BC847B.	3198 010 42030
2725	Cap, 220n, +80/-20%, 50v, Ceramic.	2238 580 19814	7706	Transistor, PNP, BC857B.	3198 010 42150
2726	Cap, 33n, 10%, 50v, Ceramic.	3198 017 03330	7707	Transistor, NPN, BC847B.	3198 010 42030
2727	Cap, 1n, 5%, 50v, Ceramic.	3198 016 01020	7708	Transistor, NPN, BC847B.	3198 010 42030
2728	Cap, 330p, 5%, 50v, Ceramic.	3198 016 03310	7710	Transistor, NPN, BC847B.	3198 010 42030
2729	Cap, 100n, 10%, 16v, Ceramic.	3198 017 01040	7711	Transistor, NPN, BC847B.	3198 010 42030
2730	Cap, 2u2, 20%, 35v, Electrolytic	2020 021 91637	9012	Wire Jumper, 0.58MM.	3198 036 90010
2731	Cap, 2u2, 20%, 35v, Electrolytic	2020 021 91637	9019	Wire Jumper, 0.58MM.	3198 036 90010
2732	Cap, 220n, +80/-20%, 50v, Ceramic.	2238 580 19814	9026	Wire Jumper, 0.58MM.	3198 036 90010
2733	Cap, 220n, +80/-20%, 50v, Ceramic.	2238 580 19814	9027	Wire Jumper, 0.58MM.	3198 036 90010
2734	Cap, 1n, 5%, 50v, Ceramic.	3198 016 01020	9030	Wire Jumper, 0.58MM.	3198 036 90010
2735	Cap, 10u, 20%, 50v, Electrolytic	3198 025 51090	9031	Wire Jumper, 0.58MM.	3198 036 90010
2736	Cap, 10n, +80/-20%, 50v, Ceramic.	3198 017 21030	9032	Wire Jumper, 0.58MM.	3198 036 90010
2737	Cap, 10n, +80/-20%, 50v, Ceramic.	3198 017 21030	9033	Wire Jumper, 0.58MM.	3198 036 90010
2739	Cap, 1n, 5%, 50v, Ceramic.	3198 016 01020	9034	Wire Jumper, 0.58MM.	3198 036 90010
2740	Cap, 1n, 5%, 50v, Ceramic.	3198 016 01020			
2741	Cap, 1n, 5%, 50v, Ceramic.	3198 016 01020			
2742	Cap, 220n, +80/-20%, 50v, Ceramic.	2238 580 19814			
2743	Cap, 220n, +80/-20%, 50v, Ceramic.	2238 580 19814			
2744	Cap, 220n, +80/-20%, 50v, Ceramic.	2238 580 19814			
2745	Cap, 220n, +80/-20%, 50v, Ceramic.	2238 580 19814			
2763	Cap, 680n, 10%, 50v, Polyester	3198 014 06840			
2776	Cap, 47u, 20%, 50v, Electrolytic	3198 025 54790			
2777	Cap, 680n, 10%, 50v, Polyester	3198 014 06840			
2780	Cap, 100n, 10%, 50v, Polyester	3198 014 01040			
2781	Cap, 100n, 10%, 50v, Polyester	3198 014 01040			
3701	Res, 10K, 5%, 1/6W, Carbon Film.	3198 011 01030			
3702	Res, 6K8, 5%, 1/6W, Carbon Film.	3198 011 06820			
3703	Res, 33K, 5%, 1/10W, Metalized Glass	3198 021 53330			
3704	Res, 10K, 5%, 1/10W, Metalized Glass	3198 021 51030			
3705	Res, 10 ohm, 5%, 1/6W, Carbon Film.	3198 011 01090			
3706	Res, 5K6, 5%, 1/10W, Metalized Glass	3198 021 55620			
3707	Res, 6K8, 5%, 1/10W, Metalized Glass	3198 021 56830			
3708	Res, 5K6, 5%, 1/10W, Metalized Glass	3198 021 55630			
3709	Res, 220 ohm, 5%, 1/10W, Metalized Glass	3198 021 52210			
3710	Res, 22K, 5%, 1/10W, Metalized Glass	3198 021 52230			
3711	Res, 120K, 5%, 1/4W, Carbon Film.	2122 101 02074			
3712	Res, 10K, 5%, 1/10W, Metalized Glass	3198 021 51030			
3713	Res, 100 ohm, 5%, 1/6W, Carbon Film.	3198 011 01010			
3714	Res, 47K, 5%, 1/10W, Metalized Glass	3198 021 54730			
3715	Res, 47K, 5%, 1/6W, Carbon Film.	3198 011 04730			
3716	Res, 47K, 5%, 1/10W, Metalized Glass	3198 021 54730			
3717	Res, 150K, 5%, 1/10W, Metalized Glass	3198 021 51540			
3718	Res, 150K, 5%, 1/10W, Metalized Glass	3198 021 51540			
3719	Res, 1K, 5%, 2W, Metal Film.	2120 105 93546			
3720	Res, 1K, 5%, 2W, Metal Film.	2120 105 93546			
3721	Res, 5K6, 5%, 1/10W, Metalized Glass	3198 021 55620			
3722	Res, 6K8, 5%, 1/10W, Metalized Glass	3198 021 56830			
3723	Res, 5K6, 5%, 1/10W, Metalized Glass	3198 021 55630			
3724	Res, 220 ohm, 5%, 1/6W, Carbon Film.	3198 011 02210			
3725	Res, 22K, 5%, 1/10W, Metalized Glass	3198 021 52230			
3726	Res, 3K3, 5%, 1/10W, Metalized Glass	3198 021 53320			
3727	Res, 47K, 5%, 1/10W, Metalized Glass	3198 021 54730			
3728	Res, 220 ohm, 5%, 1/10W, Metalized Glass	3198 021 52210			
3729	Res, 220 ohm, 5%, 1/6W, Carbon Film.	3198 011 02210			
3730	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198 021 51010			
3731	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198 021 51010			
3732	Res, 1K5, 5%, 1/6W, Carbon Film.	3198 011 01520			
3733	Res, 1K5, 5%, 1/6W, Carbon Film.	3198 011 01520			
3734	Res, 100K, 5%, 1/10W, Metalized Glass.	3198 021 51040			
3790	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198 021 51010			
3791	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198 021 51010			
3792	Res, 100 ohm, 5%, 1/6W, Carbon Film.	3198 011 01010			
3793	Res, 100 ohm, 5%, 1/6W, Carbon Film.	3198 011 01010			
3796	Res, 10K, 5%, 1/10W, Metalized Glass	3198 021 51030			
3797	Res, 3K3, 5%, 1/10W, Metalized Glass	3198 021 53320			
3798	Res, 3K3, 5%, 1/6W, Carbon Film.	3198 011 03320			
3799	Res, 47K, 5%, 1/6W, Carbon Film.	3198 011 04730			
4700	Res, Zero ohm, "Chip" Jumper	3198 021 90020			
4701	Res, Zero ohm, "Chip" Jumper	3198 021 90020			
5701	Inductor, Fixed, 68uH, 10%	2422 536 00504			
5702	Inductor, Fixed, 68uH, 10%	2422 536 00504			
5707	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060			
5708	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060			
5713	Coil, 1u	2422 535 95387			
5714	Coil, 1u	2422 535 95387			
5715	Fixed, Inductor, 100MHZ, 80 ohm.	3198 018 90020			
5716	Fixed, Inductor, 100MHZ, 80 ohm.	3198 018 90020			
6701	Diode, Signal, 1N4148.	3198 010 10010			
6702	Diode, Signal, 1N4148.	3198 010 10010			
6703	Diode, Signal, 1N4148.	3198 010 10010			
6704	Diode, Signal, BAS316.	3198 010 10630			
6705	Diode, Signal, BAS316.	3198 010 10630			
6706	Diode, Signal, BAS316.	3198 010 10630			
6707	Diode, Signal, BAS316.	3198 010 10630			
6708	Diode, Signal, BAS316.	3198 010 10630			

DW PIP Panel Parts

DW PIP Panel Parts				
0200	Connector, Printed Circuit	4822 267 10734		
0201	Connector, B10B-EH-A	4822 267 10557		
0205	Connector, 10 Pin.	2422 025 16587		
0207	Connector, Printed Circuit, 4 Pin.	4822 267 10565		
0236	Connector, Printed Circuit	4822 267 10735		
0237	Connector, Printed Circuit, 1 Pin.	4822 267 10676		
1184	DW PIP Panel Asm.	3139 177 20061		
1327	Crystal, 12 Mhz.	4822 242 10694		
1334	Filter, Ceramic, 4MHZ5, TPSCC*MB.	2422 549 44043		
1352	Filter, SAW, 45MHZ75.	2422 549 43074		
1501	Crystal, Resonator, 32khz76.	2422 543 01069		
2261	Cap, 100u, 20%, 25v, Electrolytic.	4822 124 40207		
2262	Cap, 1n, 5%, 50v, Ceramic.	5322 126 10511		
2265	Cap, 100u, 20%, 25v, Electrolytic.	4822 124 40207		
2269	Cap, 47n, 10%, 50v, Ceramic.	4822 126 13751		
2301	Cap, 1u, +80/-20%, 10v, Ceramic.	3198 017 41050		
2302	Cap, 820p, 5%, 50v, Ceramic.	5322 126 10184		
2303	Cap, 4n7, 10%, 63v, Ceramic.	5322 126 10223		
2306	Cap, 10n, 10%, 50v.	5322 126 11583		
2309	Cap, 100n, 10%, 50v, Ceramic.	4822 126 14585		
2311	Cap, 1u, +80/-20%, 10v, Ceramic.	3198 017 41050		
2312	Cap, 10nF, 20%, 50v, Ceramic.	4822 122 33177		
2313	Cap, 100n, 10%, 50v, Ceramic.	4822 126 14585		
2314	Cap, 100n, 10%, 50v, Ceramic.	4822 126 14585		
2316	Cap, 22n, 10%, 25V.	4822 126 14494		
2317	Cap, 220n, +80/-20%, 16v, Ceramic.	4822 126 13879		
2319	Cap, 100n, +80/-20%, 50v, Ceramic.	2238 586 59812		
2321	Cap, 4n7, 10%, 63v, Ceramic.	5322 126 10223		
2322	Cap, 10u, 20%, 63V.	4822 124 40248		
2324	Cap, 100n, 10%, 50v, Ceramic.	4822 126 14585		
2327	Cap, 33p, 5%, 50v, Ceramic.	2222 867 15339		
2328	Cap, 33p, 5%, 50v, Ceramic.	2222 867 15339		
2331	Cap, 2u2, 20%, 50v, Electrolytic.	4822 124 22652		
2332	Cap, 220n, +/-80/20, 25v, Ceramic.	4822 126 14076		
2333	Cap, 100n, +80/-20%, 50v, Ceramic.	2238 586 59812		
2334	Cap, 22n, 10%, 63v, Ceramic.	5322 122 32654		
2335	Cap, 1u, +80/-20%, 16v, Ceramic.	4822 126 14043		
2336	Cap, 820p, 5%, 50v, Ceramic.	5322 126 10184		
2338	Cap, 2,2nF, 10%, 63v, Ceramic.	4822 122 33127		
2342	Cap, 47pF, 1%, 63v, Ceramic.	4822 126 13692		
2345	Cap, 47pF, 1%, 63v, Ceramic.	4822 126 13692		
2348	Cap, 47pF, 5%, 50v, Ceramic.	4822 126 11785		
2351	Cap, 10nF, 20%, 50v, Ceramic.	4822 122 33177		
2354	Cap, 470n, +80/-20%, 16v, Ceramic.	4822 126 13482		
2355	Cap, 1u, +80/-20%, 10v, Ceramic.	3198 017 41050		
2356	Cap, 470n, +80/-20%, 16v, Ceramic.	4822 126 13482		
2357	Cap, 10p, 1%, 50v, Ceramic.	2238 861 18109		
2372	Cap, 4n7, 10%, 63v, Ceramic.	5322 126 10223		
2373	Cap, 1uF, 20%, 63v, Electrolytic.	4822 124 21913		
2374	Cap, 22n, 10%, 63v, Ceramic.	5322 122 32654		
2375	Cap, 1n, 5%, 50v, Ceramic.	5322 126 10511		
2376	Cap, 1n, 5%, 50v, Ceramic.	5322 126 10511		
2377	Cap, 1n, 5%, 50v, Ceramic.	5322 126 10511		
2380	Cap, 10u, 20%, 63V.	4822 124 40248		
2385	Cap, 470p, 5%, 50v, Ceramic.	4822 126 13881		
2386	Cap, 470p, 5%, 50v, Ceramic.	4822 126 13881		
2390	Cap, 47pF, 5%, 50v, Ceramic.	4822 126 11785		
2391	Cap, 100p, 5%, 50v, Ceramic.	2020 552 94427		
2392	Cap, 47pF, 5%, 50v, Ceramic.	4822 126 11785		
2393	Cap, 1n, 5%, 25v, Ceramic.	3198 016 31020		
2401	Cap, 1u, +80/-20%, 10v, Ceramic.	3198 017 41050		
2402	Cap, 1u, +80/-20%, 10v, Ceramic.	3198 017 41050		
2403	Cap, 1u, +80/-20%, 10v, Ceramic.	3198 017 41050		
2404	Cap, 1u, +80/-20%, 10v, Ceramic.	3198 017 41050		
2405	Cap, 1u, +80/-20%, 10v, Ceramic.	3198 017 41050		
2411	Cap, 10u, 20%, 63V.	4822 124 40248		
2412	Cap, 220n, +80/-20%, 16v, Ceramic.	4822 126 13879		
2415	Cap, 220n, +80/-20%, 16v, Ceramic.	4822 126 13879		

2431	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3316	Res, 680 ohm, 5%, 1/16W.	4822	051	30681
2432	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3318	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2434	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3321	Res, 10k, 5%, 1/16W.	4822	051	30103
2436	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3322	Res, 8K2, 1%, 1/16W.	4822	117	12902
2438	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3324	Res, 390 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20391
2439	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3326	Res, 1k, 1%, 0,125W.	5322	117	12487
2440	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3327	Res, 560 ohm, 5%, 1/16W.	4822	051	30561
2501	Cap, 22p, 0.5%, 50V Ceramic.	5322	122	32658	3329	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2502	Cap, 8.2p, 0.5%, 50V	4822	126	14487	3330	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2503	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3333	Res, 1k, 5%, 1/16W	4822	051	30102
2504	Cap, 68n, 10%, 25v, Ceramic.	2020	552	96325	3334	Res, 470R, 5%, 0,062W.	4822	051	30471
2505	Cap, 560p, 10%, 50v, Ceramic.	4822	126	14249	3335	Res, 120 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20121
2506	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3336	Res, 1k, 5%, 1/16W	4822	051	30102
2507	Cap, 1uF, 20%, 63v, Electrolytic	4822	124	21913	3338	Res, 75 ohm, 1%, 1/8W, Metalized Glass	4822	117	11927
2508	Cap, 6n8, 10%, 63v, Ceramic.	5322	126	11582	3339	Res, 10K, 1%, 1/8W, Metalized Glass.	4822	117	10833
2509	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3340	Res, 2k2, 5%, 1/16W.	4822	051	30222
2511	Cap, 100n, 10%, 50v, Ceramic.	4822	126	14585	3341	Res, 47 ohm, 5%, 1/8W, Metalized Glass	4822	051	20479
2811	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3344	Res, 47 ohm, 5%, 1/8W, Metalized Glass	4822	051	20479
2812	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3346	Res, 560 ohm, 5%, 1/16W.	4822	051	30561
2813	Cap, 150p, 5%, 50v, Ceramic.	4822	122	33753	3347	Res, 390 ohm, 5%, 1/16W.	4822	051	30391
2814	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3348	Res, Zero ohm, "Chip" Jumper	4822	051	30008
2816	Cap, 10u, 20%, 63V.	4822	124	40248	3364	Res, 1k, 5%, 1/16W	4822	051	30102
2817	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3365	Res, 1K, 1%, 0,125W.	5322	117	12487
2818	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3370	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2819	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3371	Res, 15K, 1%, 1/8W, Metalized Glass.	4822	116	83933
2821	Cap, 10u, 20%, 63V.	4822	124	40248	3374	Res, 4k7, 5%, 1/16W.	4822	051	30472
2822	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3381	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2823	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3382	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2824	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3383	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2825	Cap, 150p, 2%, 63v, Ceramic.	5322	122	33538	3384	Res, 10k, 5%, 1/16W.	4822	051	30103
2826	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3385	Res, 4k7, 5%, 1/16W.	4822	051	30472
2827	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3386	Res, 10k, 5%, 1/16W.	4822	051	30103
2828	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3387	Res, 39K, 5%, 0,062W	4822	051	30393
2829	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3388	Res, 10k, 5%, 1/16W.	4822	051	30103
2831	Cap, 1u, +80/-20%, 16v, Ceramic.	4822	126	14043	3389	Res, 4k7, 5%, 1/16W.	4822	051	30472
2832	Cap, 1u, +80/-20%, 16v, Ceramic.	4822	126	14043	3390	Res, 470R, 5%, 0,062W.	4822	051	30471
2833	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3401	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2834	Cap, 10u, 20%, 63V.	4822	124	40248	3402	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2836	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3403	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2837	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3404	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2838	Cap, 220u, 20%, 6.3v, Electrolytic	4822	124	11912	3405	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2839	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3411	Res, 47k, 1%, 1/16W.	4822	117	12925
2841	Cap, 10u, 20%, 63V.	4822	124	40248	3412	Res, 47k, 1%, 1/16W.	4822	117	12925
2842	Cap, 150p, 5%, 50v, Ceramic.	4822	122	33753	3413	Res, 1k, 5%, 1/16W	4822	051	30102
2843	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3414	Res, 47k, 1%, 1/16W.	4822	117	12925
2844	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3415	Res, 47k, 1%, 1/16W.	4822	117	12925
2846	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3416	Res, 1k, 5%, 1/16W	4822	051	30102
2847	Cap, 150p, 2%, 63v, Ceramic.	5322	122	33538	3417	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2848	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3418	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2849	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3419	Res, 560 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20561
2851	Cap, 10u, 20%, 63V.	4822	124	40248	3423	Res, 560 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20561
2852	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3424	Res, 560 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20561
2853	Cap, 10u, 20%, 63V.	4822	124	40248	3431	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2854	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3432	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2856	Cap, 150p, 2%, 63v, Ceramic.	5322	122	33538	3437	Res, 4K7, 5%, 1/8W, Metalized Glass.	4822	051	20472
2857	Cap, 150p, 5%, 50v, Ceramic.	4822	122	33753	3438	Res, 470R, 5%, 0,062W.	4822	051	30471
2861	Cap, 10u, 20%, 63V.	4822	124	40248	3439	Res, Zero ohm, "Chip" Jumper	4822	051	20008
2862	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3451	Res, 4k7, 5%, 1/16W.	4822	051	30472
2863	Cap, 22u, 50v, Electrolytic Aluminum	4822	124	81151	3453	Res, 4k7, 5%, 1/16W.	4822	051	30472
2864	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3456	Res, 4k7, 5%, 1/16W.	4822	051	30472
2866	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3457	Res, 4k7, 5%, 1/16W.	4822	051	30472
2867	Cap, 1u, +80/-20%, 10v, Ceramic.	3198	017	41050	3458	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2868	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3460	Res, 4k7, 5%, 1/16W.	4822	051	30472
2869	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3461	Res, 4k7, 5%, 1/16W.	4822	051	30472
2871	Cap, 1u, +80/-20%, 10v, Ceramic.	3198	017	41050	3462	Res, 2R2, 5%, 1/3W.	4822	052	10228
2872	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3501	Res, 470K, 5%, 1/8W, Metalized Glass	4822	051	20474
2873	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3502	Res, 10M, 5%, 1/16W, Metalized Glass	3198	021	31060
2874	Res, Zero ohm, "Chip" Jumper	4822	051	30008	3503	Res, 470R, 5%, 0,062W.	4822	051	30471
2876	Res, Zero ohm, "Chip" Jumper	4822	051	30008	3504	Res, 6K8, 5%, 0,062W	4822	051	30682
2877	Res, Zero ohm, "Chip" Jumper	4822	051	30008	3506	Res, 10k, 5%, 1/16W.	4822	051	30103
2878	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3507	Res, 6K8, 1%, 1/8W, Metalized Glass.	4822	117	11507
2879	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3508	Res, 10M, 5%, 1/16W, Metalized Glass	3198	021	31060
2891	Cap, 1nF, 10%, 63V, Ceramic.	5322	122	31647	3509	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2892	Cap, 47pF, 5%, 50V, Ceramic.	4822	126	11785	3510	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2893	Cap, 47pF, 5%, 50V, Ceramic.	4822	126	11785	3801	Res, 220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503
2894	Cap, 47pF, 5%, 50V, Ceramic.	4822	126	11785	3802	Res, 680 ohm, 1%, 1/8W, Metalized Glass.	4822	117	10361
2895	Cap, 47pF, 1%, 63V, Ceramic.	4822	126	13692	3803	Res, 220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503
2896	Cap, 47pF, 1%, 63V, Ceramic.	4822	126	13692	3804	Res, 680 ohm, 5%, 1/16W.	4822	051	30681
2897	Cap, 47pF, 5%, 50V, Ceramic.	4822	126	11785	3805	Res, 220 ohm, 5%, 1/16W.	4822	051	30221
2898	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3806	Res, 680 ohm, 5%, 1/16W.	4822	051	30681
2899	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3807	Res, 220 ohm, 5%, 1/16W.	4822	051	30221
3263	Res, 2K2, 1%, 1/8W, Metalized Glass.	4822	117	11449	3808	Res, 680 ohm, 1%, 1/8W, Metalized Glass.	4822	117	10361
3264	Res, 10K, 1%, 1/8W, Metalized Glass.	4822	117	10833	3809	Res, 220 ohm, 5%, 1/16W.	4822	051	30221
3267	Res, 10 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20109	3810	Res, 680 ohm, 5%, 1/16W.	4822	051	30681
3268	Res, 10 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20109	3811	Res, 220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503
3270	Res, Zero ohm, "Chip" Jumper	4822	051	20008	3812	Res, 47 ohm, 5%, 1/16W.	4822	051	30479
3301	Res, 1k, 5%, 1/16W	4822	051	30102	3813	Res, 150 ohm, 5%, 1/16W.	4822	051	30151
3302	Res, 560 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20561	3814	Res, 22k, 5%, 1/16W.	4822	051	30223
3305	Res, 2K7, 1%, 1/8W, Metalized Glass.	4822	117	12955	3816	Res, 47 ohm, 5%, 1/16W.	4822	051	30479
3311	Res, 27K, 5%, 1/8W, Metalized Glass.	4822	051	20273	3817	Res, 150 ohm, 5%, 1/16W.	4822	051	30151
3312	Res, 10K, 1%, 1/8W, Metalized Glass.	4822	117	10833	3818	Res, 47 ohm, 5%, 1/16W.	4822	051	30479
3315	Res, 39K, 1%, 1/8W, Metalized Glass.	4822	117	12708	3821	Res, 150 ohm, 5%, 1/16W.	4822	051	30151

S = Safety Part Be sure to use exact replacement part.

3822	Res,	4k7, 5%, 1/16W.	4822	051	30472	7337	Transistor,	NPN,	BC847BW	3198	010	42310
3823	Res,	680 ohm, 1%, 1/8W, Metalized Glass.	4822	117	10361	7368	Transistor,	NPN,	BC847BW	3198	010	42310
3824	Res,	Zero ohm, "Chip" Jumper	4822	051	30008	7385	Transistor,	NPN,	BC847BW	3198	010	42310
3825	Res,	220 ohm, 5%, 1/16W.	4822	051	30221	7386	Transistor,	NPN,	BC847BW	3198	010	42310
3826	Res,	3k3, 5%, 1/16W.	4822	051	30332	7401	IC, Digital,	MOS,	HEF4053BT.	5322	209	14481
3827	Res,	1K8, 1%, 0,063W	4822	117	12903	7402	IC, Digital,	MOS,	HEF4053BT.	5322	209	14481
3828	Res,	220 ohm, 5%, 1/16W.	4822	051	30221	7403	IC, Digital,	MOS,	M62320FP	4822	209	17345
3829	Res,	220 ohm, 5%, 1/16W.	4822	051	30221	7411	Transistor,	NPN,	BC847BW	3198	010	42310
3831	Res,	220 ohm, 5%, 1/16W.	4822	051	30221	7412	Transistor,	NPN,	BC847BW	3198	010	42310
3832	Res,	39K, 5%, 0,062W	4822	051	30393	7421	Transistor,	NPN,	BC857BW	3198	010	42320
3833	Res,	3k3, 5%, 1/16W.	4822	051	30332	7422	Transistor,	NPN,	BC857BW	3198	010	42320
3834	Res,	1K8, 1%, 0,063W	4822	117	12903	7434	Transistor,	BC369.		5322	130	44593
3836	Res,	3k3, 5%, 1/16W.	4822	051	30332	7438	Transistor,	NPN,	BC847BW	3198	010	42310
3837	Res,	1K8, 1%, 0,063W	4822	117	12903	7501	IC, Digital,	MOS,	Z86130-12SSC	9322	147	01668
3838	Res,	39K, 5%, 0,062W	4822	051	30393	7801	IC, Digital,	MOS DRAM,	SAB9083H/N4	9352	639	83557
3839	Res,	220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503	7802	IC, Analog Voltage/Current Regulator,	LD1117V33		9322	123	54687
3846	Res,	220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503	7803	IC, TDA8601T/C1.			4822	209	12776
3854	Res,	100 ohm, 5%, 1/16W.	4822	051	30101	7804	IC, Digital, MOS, Standard Logic,	74HC163	26W.	9352	457	50115
3856	Res,	5K6, 5%, 1/8W, Metalized Glass.	4822	051	20562	7805	Transistor,	NPN,	BC847BW	3198	010	42310
3857	Res,	10K, 1%, 1/8W, Metalized Glass.	4822	117	10833	7806	Transistor,	NPN,	BC847BW	3198	010	42310
3858	Res,	5K6, 5%, 1/8W, Metalized Glass.	4822	051	20562	7807	Transistor,	NPN,	BC847BW	3198	010	42310
3862	Res,	1R, 5%, 0,33W	4822	052	10108	7808	Transistor,	NPN,	BC847BW	3198	010	42310
3863	Res,	1R, 5%, 0,33W	4822	052	10108	7809	Transistor,	NPN,	BC847BW	3198	010	42310
3865	Res,	3k3, 5%, 1/16W.	4822	051	30332	7810	Transistor,	NPN,	BC847BW	3198	010	42310
3866	Res,	1k, 5%, 1/16W	4822	051	30102	7824	Transistor,	NPN,	BC847BW	3198	010	42310
3868	Res,	1K8, 1%, 0,063W	4822	117	12903	7828	Transistor,	NPN,	BC847BW	3198	010	42310
3869	Res,	3k3, 5%, 1/16W.	4822	051	30332	7832	Transistor,	NPN,	BC847BW	3198	010	42310
3871	Res,	2k2, 5%, 1/16W.	4822	051	30222	7871	Transistor,	NPN,	BC847BW	3198	010	42310
3872	Res,	470R, 5%, 0,062W.	4822	051	30471	7874	Transistor,	NPN,	BC847BW	3198	010	42310
3873	Res,	1k5, 5%, 1/16W.	4822	051	30152	7876	Transistor,	NPN,	BC857BW	3198	010	42320
3874	Res,	1k5, 5%, 1/16W.	4822	051	30152	7891	Transistor,	NPN,	BC847BW	3198	010	42310
3876	Res,	4K7, 5%, 1/8W, Metalized Glass.	4822	051	20472	7892	Transistor,	NPN,	BC847BW	3198	010	42310
3878	Res,	1k, 5%, 1/16W	4822	051	30102	7893	Transistor,	NPN,	BC847BW	3198	010	42310
3879	Res,	220 ohm, 5%, 1/16W.	4822	051	30221	7894	Transistor,	NPN,	BC857BW	3198	010	42320
3881	Res,	Zero ohm, "Chip" Jumper	4822	051	30008	7895	Transistor,	NPN,	BC847BW	3198	010	42310
3884	Res,	680 ohm, 1%, 1/8W, Metalized Glass.	4822	117	10361							
3886	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
3887	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
3888	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
3889	Res,	33 ohm, 5%, 1/16W	4822	051	30339							
3890	Res,	33 ohm, 5%, 1/16W	4822	051	30339							
3891	Res,	33 ohm, 5%, 1/16W	4822	051	30339							
3892	Res,	4K7, 5%, 1/8W, Metalized Glass.	4822	051	20472							
3893	Res,	1k5, 5%, 1/16W.	4822	051	30152							
3894	Res,	2k2, 5%, 1/16W.	4822	051	30222							
3895	Res,	470R, 5%, 0,062W.	4822	051	30471							
3896	Res,	1k5, 5%, 1/16W.	4822	051	30152							
3897	Res,	220 ohm, 5%, 1/16W.	4822	051	30221							
3898	Res,	1k, 5%, 1/16W	4822	051	30102							
4301	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4306	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4309	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4310	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4311	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4312	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4313	Res,	Zero ohm, "Chip" Jumper	4822	051	20008							
4315	Res,	Zero ohm, "Chip" Jumper	4822	051	20008							
4434	Res,	Zero ohm, "Chip" Jumper	4822	051	20008							
4437	Res,	Zero ohm, "Chip" Jumper	4822	051	20008							
4438	Res,	Zero ohm, "Chip" Jumper	4822	051	20008							
4827	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4828	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4831	Res,	220 ohm, 5%, 1/16W.	4822	051	30221							
5261	Coil,	Fixed, 50u6, 10%.	4822	157	11778							
5309	Coil,	680n	4822	157	71334							
5332	Coil,	680n	4822	157	71334							
5333	Coil,	680n	4822	157	71334							
5334	Coil,	680n	4822	157	71334							
5349	Coil,	820n	4822	157	71694							
5350	Coil,	15u.	3198	018	61590							
5351	Coil,	15u.	3198	018	61590							
5401	Coil,	4u7.	2422	535	94637							
5501	Coil,	680n	4822	157	71334							
5816	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5818	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5827	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5834	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5839	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5848	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5849	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5851	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5853	Filter,	L/C, BLM21A121SPT	4822	157	11506							
6412	Diode,	BAS316.	4822	130	11397							
6415	Diode,	BAS316.	4822	130	11397							
6801	Diode,	Reference, UZ3.9B	4822	130	11564							
6802	Diode,	Reference, UZ3.9B	4822	130	11564							
6803	Diode,	BAS316.	4822	130	11397							
7201	Tuner,	V+U PLL	2422	542	90115							
7301	IC,	TDA8887H/N1.	9352	638	72557							
7305	Transistor,	NPN, BC847BW	3198	010	42310							
7307	Transistor,	NPN, BC847BW	3198	010	42310							
7331	Transistor,	NPN, BC857BW	3198	010	42320							

S = Safety Part Be sure to use exact replacement part.

SSB Panel Parts

	SSB Panel Parts			
1001	Crystal Resonator, 6MHz, 20p	2422	543	89022
1100	Connector, V, F, 16 Pin.	2422	025	17202
1101	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1102	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1103	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1104	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1105	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1185	SSB Panel Assembly	3135	037	12471
1303	Connector, 5 Pin, M.	2422	025	16966
1304	Connector, 7 Pin, M.	2422	025	17104
1308	Crystal Resonator, 3.579545MHz., 16P, HC49/U A.	2422	543	01183
1401	Connector, V, 10 Pin., F	2422	025	16729
S 1403	Fuse, 500mA, F, 50V.	2422	086	11092
1406	Filter, Ceramic, 4MHz5, TPSCC*MB.	2422	549	44043
1410	Filter, S.A.W. 45Mhz75	2422	549	44377
1411	Filter, Ceramic, 4.5Mhz.	2422	549	44534
1651	Crystal Resonator, 18.432MHz, 12P.	2422	543	89019
1680	Connector, V, 6 Pin, M	2422	025	16961
1681	Connector, 3 Pin, V, M	2422	025	17103
1682	Connector, V, 10 Pin., F	2422	025	16729
1683	Connector, V, 5 Pin, F	2422	025	16793
1702	Ceramic Resonator, 12MHz., CSTCV	2422	540	98456
2001	Cap, 33p, 5%, 50V, Ceramic	3198	016	33390
2002	Cap, 27p, 5%, 50V, Ceramic	3198	016	32790
2003	Cap, 220n, +80/-20%, 16V, Ceramic.	3198	017	42240
2004	Cap, 220n, +80/-20%, 16V, Ceramic.	3198	017	42240
2005	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2006	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2007	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2008	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2010	Cap, 47p, 5%, 50V, Ceramic	3198	016	34790
2011	Cap, 47p, 5%, 50V, Ceramic	3198	016	34790
2012	Cap, 47p, 5%, 50V, Ceramic	3198	016	34790
2013	Cap, 100u, 20%, 16V, Electrolytic.	3198	030	41010
2016	Cap, 100u, 20%, 16V, Electrolytic.	3198	030	41010
2017	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2019	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2020	Cap, 220p, 5%, 50V, Ceramic.	3198	016	32210
2022	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2023	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2024	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2025	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2026	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2027	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2028	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2029	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2031	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2033	Cap, 82p, 5%, 50V, Ceramic	3198	016	38290
2034	Cap, 82p, 5%, 50V, Ceramic	3198	016	38290
2035	Cap, 82p, 5%, 50V, Ceramic	3198	016	38290
2036	Cap, 82p, 5%, 50V, Ceramic	3198	016	38290

2037	Cap,	82p,	5%,	50V,	Ceramic	3198	016	38290	2529	Cap,	1u,	10%,	10V,	Ceramic	2020	552	96372
2038	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2530	Cap,	1u,	10%,	10V,	Ceramic	2020	552	96372
2039	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2548	Cap,	10u,	20%,	16V,	Electrolytic	3198	030	41090
2040	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2549	Cap,	10u,	20%,	16V,	Electrolytic	3198	030	41090
2052	Cap,	10p,	5%,	50V,	Ceramic	3198	016	31090	2550	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2053	Cap,	10p,	5%,	50V,	Ceramic	3198	016	31090	2552	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2054	Cap,	10p,	5%,	50V,	Ceramic	3198	016	31090	2553	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2055	Cap,	10p,	5%,	50V,	Ceramic	3198	016	31090	2554	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2056	Cap,	10p,	5%,	50V,	Ceramic	3198	016	31090	2555	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2057	Cap,	10p,	5%,	50V,	Ceramic	3198	016	31090	2562	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2100	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2563	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2101	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2564	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2102	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2565	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2103	Cap,	10u,	20%,	16V,	Electrolytic	2020	021	91854	2566	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2104	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2567	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2105	Cap,	1n,	10%,	50V,	Ceramic	3198	017	31020	2568	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2106	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2569	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2107	Cap,	1n,	10%,	50V,	Ceramic	3198	017	31020	2570	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2108	Cap,	1n,	10%,	50V,	Ceramic	3198	017	31020	2571	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2109	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2574	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2110	Cap,	10u,	20%,	16V,	Electrolytic	2020	021	91854	2575	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2111	Cap,	1n,	10%,	50V,	Ceramic	3198	017	31020	2576	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2112	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2577	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2302	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2578	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2303	Cap,	10n,	10%,	50V,	Ceramic	3198	017	01030	2579	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2312	Cap,	33n,	5%,	50V,	Ceramic	2020	552	96659	2582	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2312	Cap,	33n,	5%,	16V,	Ceramic	2222	781	11569	2583	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2340	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010	2584	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2342	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2585	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2350	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2586	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2351	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2590	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2352	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2592	Cap,	1n,	10%,	50V,	Ceramic	3198	017	31020
2356	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2593	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2357	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2594	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2358	Cap,	3n3,	10%,	50V,	Ceramic	3198	017	33320	2595	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2361	Cap,	1p2,	21%,	50V,	Ceramic	3198	016	31280	2609	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2362	Cap,	12p,	5%,	50V,	Ceramic	3198	016	31290	2610	Cap,	2n2,	10%,	50V,	Ceramic	3198	017	32220
2365	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2611	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2366	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2632	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856
2367	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2634	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2368	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2640	Cap,	220n,	+80/-20%,	16V,	Ceramic	3198	017	42240
2369	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2643	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856
2370	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2644	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2371	Cap,	4n7,	10%,	50V,	Ceramic	3198	017	34720	2645	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856
2372	Cap,	1u,	+80/-20%,	16V,	Ceramic	3198	017	21050	2646	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250
2373	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2649	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250
2374	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250	2651	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2375	Cap,	22n,	10%,	25V,	Ceramic	3198	017	32230	2652	Cap,	47p,	5%,	50V,	Ceramic	3198	016	34790
2376	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2653	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856
2377	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010	2654	Cap,	470p,	5%,	50V,	Ceramic	3198	016	34710
2378	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2659	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2384	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2660	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2388	Cap,	33n,	10%,	16V,	Ceramic	3198	017	33330	2661	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856
2389	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250	2662	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856
2390	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2663	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2391	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2664	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2394	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250	2665	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010
2395	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2666	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010
2396	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2667	Cap,	3p3,	8%,	50V,	Ceramic	3198	016	33380
2397	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2668	Cap,	3p3,	8%,	50V,	Ceramic	3198	016	33380
2399	Cap,	47p,	5%,	50V,	Ceramic	3198	016	34790	2670	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2401	Cap,	10n,	10%,	50V,	Ceramic	3198	017	31030	2673	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2404	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250	2674	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2405	Cap,	4n7,	10%,	50V,	Ceramic	3198	017	34720	2677	Cap,	10u,	20%,	16V,	Electrolytic	3198	030	41090
2411	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2678	Cap,	10u,	20%,	16V,	Electrolytic	3198	030	41090
2412	Cap,	4n7,	10%,	50V,	Ceramic	3198	017	34720	2679	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2413	Cap,	47u,	20%,	16V,	Electrolytic	3198	030	44790	2680	Cap,	10u,	20%,	16V,	Electrolytic	3198	030	41090
2418	Cap,	12p,	5%,	50V,	Ceramic	3198	016	31290	2681	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2420	Cap,	150p,	5%,	50V,	Ceramic	3198	016	31510	2682	Cap,	10u,	20%,	16V,	Electrolytic	3198	030	41090
2422	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2686	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2425	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010	2687	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2501	Cap,	47p,	5%,	50V,	Ceramic	3198	016	34790	2690	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2502	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856	2691	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2503	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856	2693	Cap,	220p,	5%,	50V,	Ceramic	3198	016	32210
2504	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856	2694	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2505	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856	2695	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010
2506	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856	2697	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2507	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856	2698	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250
2508	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010	2709	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2510	Cap,	1u,	10%,	16V,	Ceramic	2020	552	96448	2710	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2511	Cap,	1u,	10%,	16V,	Ceramic	2020	552	96448	2711	Cap,	100n,	10%,	16V,				

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3745 Res, 1K, 5%, 1/16W, Metalized Glass. . .	3198 021 31020	5726 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3746 Res, 3K9, 5%, 1/16W, Metalized Glass. . .	3198 021 33920	5727 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3747 Res, 150K, 5%, 1/16W, Metalized Glass. . .	3198 021 31540	5728 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3748 Res, 220K, 5%, 1/16W, Metalized Glass. . .	3198 021 32240	5729 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3749 Res, 3K9, 5%, 1/16W, Metalized Glass. . .	3198 021 33920	5731 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3750 Res, 3K3, 5%, 1/16W, Metalized Glass. . .	3198 021 33320	5736 Coil, 6u8.	3198 018 36880
3751 Res, 4K7, 5%, 1/16W, Metalized Glass. . .	3198 021 34720	5737 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3752 Res, 1 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31080	5738 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3753 Res, 1 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31080	5742 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3754 Res, 100 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31010	5743 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3755 Res, 4K7, 5%, 1/16W, Metalized Glass. . .	3198 021 34720	5744 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3756 Res, 8K2, 5%, 1/16W, Metalized Glass. . .	3198 021 38220	5900 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3757 Res, 47 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 34790	5901 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3758 Res, 4K7, 5%, 1/16W, Metalized Glass. . .	3198 021 34720	5902 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3759 Res, 220 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 32210	5903 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3762 Res, 100 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31010	5904 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3763 Res, 22 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 32290	5910 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3764 Res, 10 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31090	5911 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3771 Res, 15 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31590	5912 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3772 Res, 15 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31590	5913 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3773 Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5914 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3774 Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5915 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3781 Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5917 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3782 Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5918 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3783 Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5919 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3792 Res, 1K, 5%, 1/16W, Metalized Glass. . .	3198 021 31020	5920 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3793 Res, 2K2, 5%, 1/16W, Metalized Glass. . .	3198 021 32220	6001 Diode, Signal, BAT54.	3198 010 10660
3794 Res, 15 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31590	6002 Diode, Signal, BAS316.	3198 010 10630
3795 Res, 33 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 33390	6003 Diode, Signal, BAT54.	3198 010 10660
3804 Res, 1K, 5%, 1/16W, Metalized Glass. . .	3198 021 31020	6004 Diode, Signal, BAT54.	3198 010 10660
5150 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6005 Diode, Regulator, PLVA2650A.	9340 309 70215
5151 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6320 Diode, Signal, BAS316.	3198 010 10630
5152 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6321 Diode, Signal, BAS316.	3198 010 10630
5153 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6322 Diode, Signal, BAS316.	3198 010 10630
5154 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6652 Zener Diode, 10V.	3198 020 51090
5155 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6657 Zener Diode, 2.7 volt.	9340 548 43115
5303 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	6658 Diode, Signal, BAS316.	3198 010 10630
5304 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	6926 Zener Diode, 8.2V.	3198 020 58280
5305 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	6956 Zener Diode, 8.2V.	3198 020 58280
5306 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	6957 Zener Diode, 8.2V.	3198 020 58280
5307 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7001 IC, TV System Controller, QFP120, SAA5801	
5308 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	H/015.	9352 684 81557
5309 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7002 Transistor, NPN, BC857BW.	3198 010 42320
5310 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7003 Transistor, NPN, BC847BW.	3198 010 42310
5311 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7004 Transistor, NPN, BC847BW.	3198 010 42310
5402 Coil, 8u2.	3198 018 38280	7005 IC, Adj. Pos. Voltage Regulator.	9322 116 74668
5404 Inductor, Fixed, EMI, 120 ohm@100MHZ.	2422 535 95427	7006 IC, CMOS Flash Memory, TC58FVMT2ATG65.	9322 194 83671
5405 Inductor, Fixed, EMI, 120 ohm@100MHZ.	2422 535 95427	7007 IC, CMOS 16 Bit Dynamic RAM, MSM51V18165F.	9322 157 20668
5406 Res, Zero ohm, 'Chip' Jumper.	3198 021 90020	7007 IC, CMOS 16-Bit Dynamic RAM, IS41LV16100.	9322 200 55668
5408 IND VAR SM 5CCB 91MHZ PM R.	2422 549 44875	7008 Transistor, NPN, BC847BW.	3198 010 42310
5409 IND FXD 0603 EMI 100MHZ 120R R.	2422 549 42893	7009 Transistor, NPN, BC847BW.	3198 010 42310
5409 Inductor, Fixed, 100MHZ, 120R.	2422 549 42896	7010 Transistor, NPN, BC857BW.	3198 010 42320
5411 Coil, 330n.	3198 018 33370	7011 IC, M24C32-WMN6.	9322 124 74668
5415 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7013 Transistor, NPN, BC847BW.	3198 010 42310
5416 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7014 Transistor, NPN, BC857BW.	3198 010 42320
5417 Coil, 33u.	3198 018 33390	7015 Transistor, NPN, PMBT2369.	3198 010 43360
5651 Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7016 Transistor, NPN, PMBT2369.	3198 010 43360
5652 Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7100 IC, 3.3V Prog. LVDS Transmitter, DS90C385.	9322 159 45668
5653 Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7305 Transistor, NPN, BC847BW.	3198 010 42310
5654 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7312 Transistor, NPN, PDC144EU.	3198 010 44330
5655 Coil, 22u.	3198 018 32290	7320 Transistor, NPN, BC847BW.	3198 010 42310
5656 Coil, 6u8.	3198 018 36880	7322 Transistor, NPN, BC847BW.	3198 010 42310
5657 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7323 IC, IIC-Bus Controlled TV Processor.	9352 625 24518
5658 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7375 Transistor, NPN, BC847BW.	3198 010 42310
5659 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7402 Transistor, NPN, BC847BW.	3198 010 42310
5660 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7404 Transistor, NPN, BC847BW.	3198 010 42310
5661 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7408 Transistor, PNP, BC857B.	3198 010 42150
5662 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7409 Transistor, PNP, BC857B.	3198 010 42150
5663 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7410 Transistor, NPN, BC847BW.	3198 010 42310
5664 Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7411 Transistor, NPN, BC847B.	3198 010 42030
5665 Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7651 IC, Multi-standard Sound Processor, MSP34	
5666 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	21G.	9322 183 23671
5667 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7654 Transistor, NPN, BC847BS.	9340 425 20115
5668 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7664 Transistor, NPN, BC847BPN.	9340 425 30115
5669 Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7665 Transistor, NPN, BC847BPN.	9340 425 30115
5670 Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7666 Transistor, NPN, BC847BPN.	9340 425 30115
5671 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7668 Transistor, NPN, BC857BW.	3198 010 42320
5672 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7674 Transistor, NPN, BC847BW.	3198 010 42310
5706 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7675 Transistor, NPN, BC847BS.	9340 425 20115
5707 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7678 Transistor, NPN, BC847BS.	9340 425 20115
5710 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7679 Transistor, NPN, BC847BS.	9340 425 20115
5711 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7681 IC, LP/LN Operational Amplifier.	9322 060 73668
5712 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7682 Transistor, NPN, BC847B.	3198 010 42030
5713 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7706 IC, Digital, LF25CDT.	9322 142 88668
5714 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90080	7706 IC, Voltage Regulator w/Inhibit.	9322 164 71668
5716 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7707 Transistor, NPN, BC847B.	3198 010 42030
5717 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7708 Transistor, NPN, BC847B.	3198 010 42030
5718 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7709 Transistor, NPN, BC847B.	3198 010 42030
5719 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7710 Transistor, NPN, BC847B.	3198 010 42030
5721 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90080	7711 IC Socket, 32 Pin, V, F.	2422 486 80938
5722 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7711 IC, 512 Kbit EPOM, M27C512.	9322 127 85668
5724 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7712 IC, Octal D-type Transparent Latch.	9351 870 00118

S = Safety Part Be sure to use exact replacement part.

7713 IC, PICNIC, SAA4978H	9352 688 09557
7714 IC, (2) 2Mbit FIFO Memory, MS81V04160A-25 TB.	9322 192 96702
7715 Transistor, NPN, PMBT2369.	3198 010 43360
7717 IC, 3M-bit FIFO Memory, MSM54V12222B	9322 183 81668
7718 IC, Field/Line Rate Converter, SAA4993H.	9352 695 58557
7719 IC, 3M-bit FIFO Memory, MSM54V12222B	9322 183 81668
7722 IC, (2) 2Mbit FIFO Memory, MS81V04160A-25 TB.	9322 192 96702
7723 IC, (2) 2Mbit FIFO Memory, MS81V04160A-25 TB.	9322 192 96702
7724 IC, EAGLE - Video Enhancment Processor, T 8F24EF	9322 188 08702
7725 Transistor, NPN, PMBT2369.	3198 010 43360
7726 IC, Adj. Pos. Volt. Reg., LD1117DT33	9322 134 45668
7727 IC, Low Drop Volt. Reg. w/Inhibit, LF15AB DT.	9322 170 14668
7734 IC, Inverter, LVLP, 74LVC1G04.	3198 010 70390
7735 IC, D-type flip-flop, 74LVC1G79.	9352 686 75125
9008 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9009 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9010 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9011 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9012 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9013 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9014 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9302 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9303 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9304 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9313 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9322 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9401 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9403 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9406 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9407 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9410 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9413 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9414 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9416 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9417 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9520 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9522 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9603 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9604 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9610 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9611 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9632 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9642 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9645 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9652 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9676 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9677 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9682 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9683 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9684 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9685 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9686 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9687 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9688 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9689 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9691 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9692 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9702 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9703 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9704 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9712 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9714 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9716 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9717 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9718 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9719 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9721 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9723 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9725 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9729 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9731 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9733 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9735 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9739 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9740 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9741 Res, Network, 4x10 ohm, 5%	3198 031 11090
9744 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9747 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9754 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9760 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9761 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9762 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9763 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9764 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9765 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9768 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9769 Res, Zero ohm, 'Chip' Jumper	3198 021 90030

S = Safety Part Be sure to use exact replacement part.

9901 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9902 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9903 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9904 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9905 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9906 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9907 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9908 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9909 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9919 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9920 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9921 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9925 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9927 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9928 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9929 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9935 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9937 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9938 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9939 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9944 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9945 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9946 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9947 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9948 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9949 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9950 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9951 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9952 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9953 Res, Zero ohm, 'Chip' Jumper	3198 021 90030
9954 Res, Zero ohm, 'Chip' Jumper	3198 021 90030

Scaler Board MSB Panel

Scaler Board MSB Panel	
0300 Connector, 64 Pin, BM, M	2422 025 17714
0303 Socket, DVI Connector, H, 24 Pin, F.	2422 033 00484
0305 Socket, DVI Connector, H, 24 Pin, F.	2422 033 00484
0308 Phono Jack Board, 4 Plugs, Red & White	2422 026 05422
0310 Sub-D Connector, 15 Pin, BM, F.	2422 025 17027
0311 Phono Jack Board, 6 Plugs, Red , Blue, Gr eent	2422 026 05421
0315 Connector, 5 Pin, M, IDE	2422 025 17931
1100 Connector, V, F, 16 Pin.	2422 025 17202
1101 Connector, 4 Pin	2422 025 12479
1105 Connector, 10 Pin, V, M.	2422 021 98888
1106 Connector, 10 Pin, V, M.	2422 021 98888
1152 Scaler Board MSB Panel Assembly.	3122 357 22272
1300 Filter, 50V, 67 ohm @ 100MHz	2422 549 45325
1301 Filter, 50V, 67 ohm @ 100MHz	2422 549 45325
1302 Filter, 50V, 67 ohm @ 100MHz	2422 549 45325
1303 Filter, 50V, 67 ohm @ 100MHz	2422 549 45325
1401 Connector, V, 10 Pin,, F.	2422 025 16729
1501 Filter, 50V, 67 ohm @ 100MHz	2422 549 45325
1502 Filter, 50V, 67 ohm @ 100MHz	2422 549 45325
1503 Filter, 50V, 67 ohm @ 100MHz	2422 549 45325
1504 Filter, 50V, 67 ohm @ 100MHz	2422 549 45325
1505 Filter, 50V, 67 ohm @ 100MHz	2422 549 45325
1700 Filter, 50V, 67 ohm @ 100MHz	2422 549 45325
1701 Filter, 50V, 67 ohm @ 100MHz	2422 549 45325
1702 Filter, 50V, 67 ohm @ 100MHz	2422 549 45325
1703 Filter, 50V, 67 ohm @ 100MHz	2422 549 45325
2101 Cap, 100n, 10%, 16V, Ceramic	3198 017 31040
2102 Cap, 100n, 10%, 16V, Ceramic	3198 017 31040
2103 Cap, 100n, 10%, 16V, Ceramic	3198 017 31040
2104 Cap, 100n, 10%, 16V, Ceramic	3198 017 31040
2105 Cap, 100n, 10%, 16V, Ceramic	3198 017 31040
2106 Cap, 100n, 10%, 16V, Ceramic	3198 017 31040
2107 Cap, 100n, 10%, 16V, Ceramic	3198 017 31040
2108 Cap, 22p, 5%, 50V, Ceramic	3198 016 32290
2109 Cap, 22p, 5%, 50V, Ceramic	3198 016 32290
2110 Cap, 22p, 5%, 50V, Ceramic	3198 016 32290
2111 Cap, 22p, 5%, 50V, Ceramic	3198 016 32290
2121 Cap, 22p, 5%, 50V, Ceramic	3198 016 32290
2122 Cap, 22p, 5%, 50V, Ceramic	3198 016 32290
2138 Cap, 220p, 5%, 50V, Ceramic.	3198 016 32210
2139 Cap, 470n, +80/-20%, 10V, Ceramic.	3198 017 44740
2151 Cap, 22p, 5%, 50V, Ceramic	3198 016 32290
2152 Cap, 100n, 10%, 16V, Ceramic	3198 017 31040
2153 Cap, 22p, 5%, 50V, Ceramic	3198 016 32290
2154 Cap, 47n, 10%, 16V, Ceramic.	3198 017 34730
2155 Cap, 22p, 5%, 50V, Ceramic	3198 016 32290
2156 Cap, 47n, 10%, 16V, Ceramic.	3198 017 34730
2157 Cap, 22p, 5%, 50V, Ceramic	3198 016 32290
2158 Cap, 47n, 10%, 16V, Ceramic.	3198 017 34730
2159 Cap, 4p7, 5%, 50V, Ceramic	3198 016 34780
2160 Cap, 10u, 20%, 16V, Electrolytic	3198 030 41090
2161 Cap, 100u, 20%, 6.3V, Electrolytic	2020 012 93793
2170 Cap, 10u, 20%, 16V, Electrolytic	3198 030 41090
2171 Cap, 100n, 10%, 16V, Ceramic	3198 017 31040
2172 Cap, 100n, 10%, 16V, Ceramic	3198 017 31040
2173 Cap, 100n, 10%, 16V, Ceramic	3198 017 31040
2174 Cap, 100n, 10%, 16V, Ceramic	3198 017 31040

S = Safety Part Be sure to use exact replacement part.

S = Safety Part Be sure to use exact replacement part.

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5582	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7589	IC, Triple 2 Ch. Analog Multiplex/Demulti			
5583	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	plexer		9337	153	20118
5584	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7592	IC, Ultra Fast Comparator, TL3016.	9322	125	63668
5585	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7593	IC, Hex Inverting Schmitt-trigger, 74LVC1			
5633	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	4A.		9352	607	39118
5710	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7594	Transistor, NPN, BC847BW	3198	010	42310
5711	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7633	IC, Serial EEPROM.	9322	046	99668
5712	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7710	IC, Wide Band Analog Switch, M52758FP.	9322	185	90668
5715	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7715	Transistor, NPN, BC847BW	3198	010	42310
5724	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7716	Transistor, NPN, BC847BW	3198	010	42310
5746	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7717	Transistor, NPN, BC847BW	3198	010	42310
5747	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7725	Transistor, NPN, BC847BW	3198	010	42310
5749	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7746	IC, HDCP Panellink Receiver, SII169CT100	9322	185	97668
5751	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7747	IC, Serial EEPROM.	9322	046	99668
5780	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7749	Transistor, N-Ch. Enhancement FET.	9339	663	40215
5830	Coil, 22u.	2422	535	95278	7750	Transistor, N-Ch. Enhancement FET.	9339	663	40215
5860	Coil, 22u.	2422	535	95278	7820	IC, Adj. Step Down PWM Controller, L6910	9322	182	77668
5890	Coil, 22u.	2422	535	95278	7830	Transistor, Dual N-Ch. MOSFET, SI4936ADY	9322	160	70668
5892	Coil, 22u.	2422	535	95278	7850	IC, Adj. Step Down PWM Controller, L6910	9322	182	77668
6220	Diode, Signal, BAV99	3198	010	10620	7860	Transistor, Dual N-Ch. MOSFET, SI4936ADY	9322	160	70668
6221	Diode, Signal, BAV99	3198	010	10620	7870	IC, Adj. Pos. Volt. Reg., LD1117DT	9322	144	97668
6405	Diode, Signal, BAT54	3198	010	10660					
6485	Diode, Signal, BAT54	3198	010	10660					
6581	Diode, Signal, BAS316.	3198	010	10630					
6630	Zener Diode, 6.8V.	3198	020	56880					
6631	Zener Diode, 6.8V.	3198	020	56880					
6632	Zener Diode, 6.8V.	3198	020	56880					
6633	Zener Diode, 33V	3198	020	53390					
6634	Zener Diode, 33V	3198	020	53390					
6635	Zener Diode, 33V	3198	020	53390					
6636	Zener Diode, 33V	3198	020	53390					
6637	Zener Diode, 6.8V.	3198	020	56880					
6638	Zener Diode, 6.8V.	3198	020	56880					
6639	Zener Diode, 6.8V.	3198	020	56880					
6640	Zener Diode, 6.8V.	3198	020	56880					
6641	Zener Diode, 6.8V.	3198	020	56880					
6642	Zener Diode, 6.8V.	3198	020	56880					
6643	Zener Diode, 6.8V.	3198	020	56880					
6710	Zener Diode, 6.8V.	3198	020	56880					
6711	Zener Diode, 6.8V.	3198	020	56880					
6712	Zener Diode, 6.8V.	3198	020	56880					
6745	Diode, Signal, BAV99	3198	010	10620					
6746	Diode, Signal, BAV99	3198	010	10620					
6747	Diode, Signal, BAV99	3198	010	10620					
6748	Diode, Signal, BAV99	3198	010	10620					
6749	Diode, Signal, BAV99	3198	010	10620					
6750	Diode, Signal, BAV99	3198	010	10620					
6751	Zener Diode, 6.8V.	3198	020	56880					
6752	Zener Diode, 6.8V.	3198	020	56880					
6753	Diode, Signal, BAV99	3198	010	10620					
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6755	Diode, Signal, BAS316.	3198	010	10630					
6756	Diode, Signal, BAS316.	3198	010	10630					
6757	Zener Diode, 33V	3198	020	53390					
6758	Zener Diode, 33V	3198	020	53390					
6759	Zener Diode, 33V	3198	020	53390					
6760	Zener Diode, 33V	3198	020	53390					
6761	Zener Diode, 6.8V.	3198	020	56880					
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6830	Diode, Rect, PRLL5819	9339	680	20115					
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6860	Diode, Rect, PRLL5819	9339	680	20115					
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7260	IC, Serial Conf. f/APEX & FLEX Dev., EPC2	9322	141	53682					
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REFER TO SAFETY GUIDELINES

SAFETY NOTICE: ANY PERSON ATTEMPTING TO SERVICE THIS CHASSIS MUST FAMILIARIZE HIMSELF WITH THE CHASSIS AND BE AWARE OF THE NECESSARY SAFETY PRECAUTIONS TO BE USED WHEN SERVICING ELECTRONIC EQUIPMENT CONTAINING HIGH VOLTAGES.

CAUTION: USE A SEPARATE ISOLATION TRANSFORMER FOR THIS UNIT WHEN SERVICING

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LAMP DRIVER PANEL

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3D Comb Filter Panel Parts

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3098	Res, 5K6, 5%, 1/16W, Metalized Glass . .	3198	021	35620
3099	Res, 470 ohm, 5%, 1/16W, Metalized Glass	3198	021	34710
3100	Res, 1K, 5%, 1/16W, Metalized Glass. . .	3198	021	31020
3101	Res, 1K, 5%, 1/16W, Metalized Glass. . .	3198	021	31020
3102	Res, 100 ohm, 5%, 1/16W, Metalized Glass	3198	021	31010
3103	PTC, 6V, 1R3	2122	662	00139
3104	PTC, 6V, 1R3	2122	662	00139
3105	Res, 560 ohm, 5%, 1/16W, Metalized Glass	3198	021	35610
5000	Inductor, Fixed, 100Mhz, 120 ohm	3198	018	90070
5001	Inductor, Fixed, 100Mhz, 120 ohm	3198	018	90070
5003	Filter, Fixed, 14M3.	2422	549	44784
5004	Filter, Fixed, 14M3.	2422	549	44784
5005	Coil, 10u.	3198	018	41090
5006	Filter, Fixed, 14M3.	2422	549	44785
5007	Coil, 10u.	3198	018	41090
5008	Coil, 22u.	3198	018	72290
5009	Coil, 22u.	3198	018	72290
5010	Coil, 15u.	2422	535	94758
5011	Inductor, Fixed, 100Mhz, 120 ohm	3198	018	90070
5012	Inductor, Fixed, 100Mhz, 120 ohm	3198	018	90070
5013	Inductor, Fixed, 100Mhz, 120 ohm	3198	018	90070
5014	Inductor, Fixed, 100Mhz, 30 ohm.	3198	018	90060
5015	Inductor, Fixed, 100Mhz, 30 ohm.	3198	018	90060
5017	Inductor, Fixed, 100Mhz, 120 ohm	3198	018	90070
5019	Coil, 10u.	3198	018	41090
5020	Coil, 10u.	3198	018	41090
5021	Inductor, Fixed, 100Mhz, 120 ohm	3198	018	90070
5022	Inductor, Fixed, 100Mhz, 120 ohm	3198	018	90070
5024	Inductor, Fixed, 100Mhz, 120 ohm	3198	018	90070
5025	Inductor, Fixed, 100Mhz, 120 ohm	3198	018	90070
5027	Inductor, Fixed, 100Mhz, 120 ohm	3198	018	90070
5028	Inductor, Fixed, 100Mhz, 120 ohm	3198	018	90070
5029	Inductor, Fixed, 100Mhz, 120 ohm	3198	018	90070
5030	Inductor, Fixed, 100Mhz, 120 ohm	3198	018	90070
6000	Diode, Signal, BAV99	3198	010	10620
6001	Diode, Signal, BAV99	3198	010	10620
6002	Diode, Signal, BAV99	3198	010	10620
6003	LED, VS, TLMH3100.	9322	072	71680

6004	Diode, Rect, S1D	9322	128	69685	2352	Cap, 1000u, 20%, 10V, Electrolytic	2020	021	91814
6005	Diode, Rect, S1D	9322	128	69685	2353	Cap, 22u, 20%, 35V, Electrolytic	2020	021	91811
6006	Diode, Signal, 1PS76SB10	9340	453	90115	2354	Cap, 22u, 20%, 100V, Electrolytic	2020	021	91813
6007	Diode, Signal, BAS17	9335	262	30215	2355	Cap, 1u, 20%, 100V, Electrolytic	2020	021	91812
7000	Transistor, NPN, BC847B	9335	895	90215	2356	Cap, 100p, 10%, 500V, Ceramic	3198	019	41010
7001	Transistor, PNP, BC857B	9335	897	60215	2357	Cap, 1500u, 20%, 25V, Electrolytic	2020	021	91806
7002	Transistor, NPN, BF570	9338	144	20215	2358	Cap, 1000u, 20%, 25V, Electrolytic	2020	021	91805
7003	Transistor, PNP, BC857B	9335	897	60215	2360	Cap, 1500u, 20%, 25V, Electrolytic	2020	021	91806
7004	Transistor, NPN, BC847B	9335	895	90215	2361	Cap, 1000u, 20%, 25V, Electrolytic	2020	021	91805
7005	Transistor, PNP, BC857B	9335	897	60215	2362	Cap, 470p, 10%, 1KV, Ceramic	3198	019	54710
7006	Transistor, NPN, BF570	9338	144	20215	2363	Cap, 470u, 20%, 50V, Electrolytic	2020	021	91809
7007	Transistor, PNP, BC857B	9335	897	60215	2364	Cap, 470u, 20%, 50V, Electrolytic	2020	021	91809
7008	Transistor, NPN, BC847B	9335	895	90215	2365	Cap, 1u, 20%, 100V, Electrolytic	2020	021	91812
7009	Transistor, PNP, BC857B	9335	897	60215	2366	Cap, 1000u, 20%, 10V, Electrolytic	2020	021	91814
7010	Transistor, NPN, BC847B	9335	895	90215	2367	Cap, 22u, 20%, 35V, Electrolytic	2020	021	91811
7011	Transistor, NPN, BC847B	9335	895	90215	3221	Res, 33K, 5%, 1W, Metal Film	3198	012	13330
7012	Transistor, PNP, BF550	9334	509	00215	3222	Res, 100 ohm, 5%, 2W, Metal Film	2120	105	93422
7015	Transistor, NPN, BC847B	9335	895	90215	3223	Res, 1K, 5%, 1/10W, Metalized Glass	3198	021	51020
7016	Transistor, PNP, BC857B	9335	897	60215	3224	Res, 470 ohm, 5%, 1/6W, Carbon Film	3198	011	04710
7017	Transistor, NPN, BC847B	9335	895	90215	3226	Res, 10K, 5%, 1/10W, Metalized Glass	3198	021	51030
7019	IC, LM809M3-3.08	9322	163	48668	3227	Res, 33 ohm, 5%, 2W, Metal Film	2120	105	93418
7020	Transistor, NPN, BC847B	9335	895	90215	3228	Res, 100K, 5%, 1/10W, Metalized Glass	3198	021	51040
7021	IC, LD1117DT33	9322	134	45668	3229	Res, 47 ohm, 5%, 1/10W, Metalized Glass	3198	021	54790
7022	IC, LD1117DT25	9322	160	50668	3230	Res, 33 ohm, 5%, 2W, Metal Film	2120	105	93418
7023	IC, UPD64083GF	9322	170	65671	3231	Res, 33K, 5%, 1/6W, Carbon Film	3198	011	03330
					3233	Res, 1 ohm, 5%, 1/6W, Carbon Film	3198	011	01080
					3237	Res, 10K7, 1%, 3/5W, Metal Film	2312	915	11073
					3238	Res, 10K, 1%, 3/5W, Metal Film	2312	915	11003
					3252	Res, 22 ohm, 1%, 3/5W, Metal Film	2312	915	12209
					3253	Res, 27K, 1%, 3/5W, Metal Film	2312	915	12703
					3254	Res, 4K7, 1%, 1/8W, Metalized Glass	2322	734	64702
					3255	Res, 33K, 5%, 1/6W, Carbon Film	3198	011	03330
					3256	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020
					3257	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020
					3259	Res, 680 ohm, 5%, 1/6W, Carbon Film	3198	011	06810
					3260	Res, 2K2, 5%, 1/6W, Carbon Film	3198	011	02220
					3321	Res, 22K, 5%, 1W, Metal Film	3198	012	12230
					3322	Res, 100 ohm, 5%, 2W, Metal Film	2120	105	93422
					3323	Res, 1K, 5%, 1/10W, Metalized Glass	3198	021	51020
					3324	Res, 470 ohm, 5%, 1/6W, Carbon Film	3198	011	04710
					3325	Res, 33 ohm, 5%, 2W, Metal Film	2120	105	93418
					3326	Res, 8K2, 5%, 1/10W, Metalized Glass	3198	021	58220
					3327	Res, 10K, 5%, 1/10W, Metalized Glass	3198	021	51030
					3328	Res, 2K7, 1%, 1/8W, Metalized Glass	2322	734	62702
					3329	Res, 150 ohm, 5%, 1/6W, Carbon Film	3198	011	01510
					3330	Res, 220 ohm, 5%, 1 1/3W, Metal Film	3198	012	22210
					3331	Res, 270 ohm, 5%, 1/10W, Metalized Glass	3198	021	52710
					3332	Res, 56K, 5%, 1/10W, Metalized Glass	3198	021	55630
					3333	Res, 6R8, 1%, 3/5W, Metal Film	2312	915	16808
					3334	Res, 1K, 5%, 1/10W, Metalized Glass	3198	021	51020
					3335	Res, 100K, 5%, 1/10W, Metalized Glass	3198	021	51040
					3336	Res, 100 ohm, 5%, 1/6W, Carbon Film	3198	011	01010
					3338	Res, 10K, 1%, 3/5W, Metal Film	2312	915	11003
					3339	Res, 1K, 5%, 1 1/3W, Metal Film	3198	012	21020
					3340	Res, 22K, 5%, 1W, Metal Film	3198	012	12230
					3341	Res, 680 ohm, 5%, 3W, Metal Film	3198	012	36810
					3342	Res, 10K, 1%, 3/5W, Metal Film	2312	915	11003
					3343	Res, 1K8, 1%, 1/10W, Metalized Glass	2120	108	92618
					3344	Res, 750K, 1%, 3/5W, Metal Film	2312	915	17504
					3345	Res, 27K, 1%, 1/8W, Metalized Glass	2322	734	62703
					3346	Res, 3K3, 5%, 1/6W, Carbon Film	3198	011	03320
					3347	Res, 10 ohm, 5%, 1W, Metal Film	3198	012	11090
					3348	Res, 100 ohm, 5%, 2W, Metal Film	2120	105	93422
					3349	Res, 0R47, 5%, 3/5W, Metal Film	3198	012	14770
					3350	Res, 8R2, 5%, 1/4W, Carbon Film	2120	101	74828
					3351	Res, 0R1, 5%, 1 1/3W, Metal Film	3198	012	21070
					3352	Res, 2K7, 1%, 3/5W, Metal Film	2312	915	12702
					3353	Res, 100K, 5%, 1/10W, Metalized Glass	3198	021	51040
					3354	Res, 8K2, 5%, 1/10W, Metalized Glass	3198	021	58220
					3355	Res, 150K, 5%, 1/6W, Carbon Film	3198	011	01540
					3356	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020
					3357	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020
					3358	Res, 3K3, 5%, 1/6W, Carbon Film	3198	011	03320
					3359	Res, 180 ohm, 5%, 1/6W, Carbon Film	3198	011	01810
					S 5201	Line Filter, 100uH, 2.2A	2422	549	44101
					5208	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
					5209	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
					S 5210	Switching Transformer, US28207-00	2422	531	02555
					5212	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
					5213	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
					5214	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
					5215	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
					5216	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
					5217	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
					S 5301	Line Filter, 100uH, 2.2A	2422	549	44101
					5305	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
					5306	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
					5307	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
					5308	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
					5309	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
					S 5310	Switching Transformer, US28212-02	2422	531	02594
					5315	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020

S = Safety Part Be sure to use exact replacement part.

5316	Coil, 10u.	2422	535	94639	2118	Cap, 470n, +80/-20%, 16v, Ceramic. . . .	3198	017	24740
5317	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2119	Cap, 470n, +80/-20%, 16v, Ceramic. . . .	3198	017	24740
5318	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2120	Cap, 220p, 5%, 50v, Ceramic.	3198	016	02210
5319	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2121	Cap, 10u, 20%, 50v, Electrolytic.	3198	029	51090
5320	Coil, 10u.	2422	535	94639	2122	Cap, 10u, 20%, 50v, Electrolytic.	3198	029	51090
5321	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2123	Cap, 10u, 20%, 50v, Electrolytic.	3198	029	51090
5322	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2124	Cap, 10u, 20%, 50v, Electrolytic.	3198	029	51090
5323	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2149	Cap, 470n, +80/-20%, 16v, Ceramic. . . .	3198	017	24740
5324	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2150	Cap, 1u, +80/-20%, 16v, Ceramic.	3198	017	21050
5325	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2151	Cap, 100n, +80/-20%, 25v, Ceramic. . . .	3198	023	21040
5326	Coil, 10u.	2422	535	95363	2152	Cap, 100n, +80/-20%, 25v, Ceramic. . . .	3198	023	21040
5327	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2153	Cap, 100n, +80/-20%, 25v, Ceramic. . . .	3198	023	21040
5328	Coil, 330u	2422	535	94863	2154	Cap, 100n, +80/-20%, 50v, Ceramic. . . .	2020	552	95499
6201	Diode, Rect, BY229X-800	9340	380	30127	2155	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6202	Zener Diode, 5.1 volt.	3198	010	55180	2156	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6202	Zener Diode, 5.1 volt.	3198	010	55180	2157	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6204	Diode, Rect., PBYR10100X.	9340	555	24127	2158	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6205	Diode, Rect, BYV95C	9335	001	80133	2159	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
S 6207	IC, Optocoupler	9338	941	50682	2160	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6209	Diode, Signal, BAV21	3198	010	10070	2161	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6301	Diode, Rect, BY229X-800	9340	380	30127	2162	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6305	Diode, Rect, BYV95C	9335	001	80133	2163	Cap, 100n, +80/-20%, 25v, Ceramic. . . .	3198	023	21040
6306	Diode, Signal, BAV21	3198	010	10070	2164	Cap, 100n, +80/-20%, 25v, Ceramic. . . .	3198	023	21040
S 6307	IC, Optocoupler	9338	941	50682	2165	Cap, 100n, +80/-20%, 25v, Ceramic. . . .	3198	023	21040
6308	Zener Diode, 5.1 volt.	3198	010	55180	2166	Cap, 2u2, +80/-20%, 10v, Ceramic.	3198	017	22250
6309	Diode, Signal, BAV21	3198	010	10070	2167	Cap, 22u, 20%, 50v, Electrolytic.	3198	025	52290
6312	Diode, Rect, SB360L-7024	9322	161	78682	2168	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
6313	Diode, Rect, BYV95C	9335	001	80133	2169	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
6314	Diode, Rect, BYW29EX-200.	9340	412	80127	2170	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
6315	Diode, Rect., PBYR10100X.	9340	555	24127	2171	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
6316	Diode, Rect, BYW95C-24.	9340	559	53112	2173	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
7202	IC, PWM Off-line Switcher	9322	166	44687	2174	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
7203	Transistor, N Ch. FET, 2SK2886	9322	199	01687	2175	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
7206	IC, Prog. Ref. Regulator	9322	115	98676	2176	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
7209	IC, Prog. Ref. Regulator	9322	115	98676	2177	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
7210	Transistor, PNP, BC557B.	3198	020	40110	2178	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
7211	Transistor, NPN, BC547B.	3198	020	40030	2180	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7302	IC, PWM Off-line Switcher, TOP247Y	9322	181	88687	2181	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7303	Transistor, N Ch. FET, 2SK2886	9322	199	01687	2182	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7304	IC, Prog. Ref. Regulator	9322	115	98676	2183	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7306	IC, Prog. Ref. Regulator	9322	115	98676	2184	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7307	IC, Inverting Step Switch Reg., MC34063A	9322	036	71682	2185	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7308	Transistor, P Ch. FET, 2SJ334.	9322	199	02687	2186	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7309	IC, Prog. Ref. Regulator	9322	115	98676	2187	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7310	Transistor, PNP, BC557B.	3198	020	40110	2188	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
9001	Wire Jumper, 0.58MM.	3198	036	90010	2189	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
9003	Wire Jumper, 0.58MM.	3198	036	90010	3117	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010
9005	Wire Jumper, 0.58MM.	3198	036	90010	3118	Res, 30K, 1%, 1/8W, Metalized Glass. . . .	2322	734	63003
9012	Wire Jumper, 0.58MM.	3198	036	90010	3119	Res, 100 ohm, 5%, 1/6W, Carbon Film. . . .	3198	011	01010
9013	Wire Jumper, 0.58MM.	3198	036	90010	3120	Res, 51K, 1%, 1/8W, Metalized Glass. . . .	2322	734	65103
9014	Wire Jumper, 0.58MM.	3198	036	90010	3121	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
9016	Wire Jumper, 0.58MM.	3198	036	90010	3122	Res, 100K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51040
9017	Wire Jumper, 0.58MM.	3198	036	90010	3123	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51020
9018	Wire Jumper, 0.58MM.	3198	036	90010	3124	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51020
9019	Wire Jumper, 0.58MM.	3198	036	90010	3125	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
9020	Wire Jumper, 0.58MM.	3198	036	90010	3126	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51020
9024	Wire Jumper, 0.58MM.	3198	036	90010	3127	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51020
9025	Wire Jumper, 0.58MM.	3198	036	90010	3128	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020
9026	Wire Jumper, 0.58MM.	3198	036	90010	3129	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020
9028	Wire Jumper, 0.58MM.	3198	036	90010	3130	Res, 1 ohm, 5%, 1/10W, Metalized Glass. . . .	3198	021	51080
9029	Wire Jumper, 0.58MM.	3198	036	90010	3131	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51020
9030	Wire Jumper, 0.58MM.	3198	036	90010	3133	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020
9031	Wire Jumper, 0.58MM.	3198	036	90010	3134	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51020
9032	Wire Jumper, 0.58MM.	3198	036	90010	3136	Res, 47K, 5%, 1/10W, Metalized Glass. . . .	3198	021	54730
9033	Wire Jumper, 0.58MM.	3198	036	90010	3137	Res, 47K, 5%, 1/10W, Metalized Glass. . . .	3198	021	54730
9317	Wire Jumper, 0.58MM.	3198	036	90010	3139	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090
9318	Wire Jumper, 0.58MM.	3198	036	90010	3140	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090
1010	Main Power Supply Panel Asm.	3135	037	10663	3141	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090
					3142	Res, 10 ohm, 5%, 1/10W, Metalized Glass. . . .	3198	021	51090
					3143	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090
					3144	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
					3145	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
					3146	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020
					3155	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
					3156	Res, 1K2, 5%, 1/10W, Metalized Glass. . . .	3198	021	51220
					3157	Res, 1K2, 5%, 1/10W, Metalized Glass. . . .	3198	021	51220
					3158	Res, 1K2, 5%, 1/6W, Carbon Film.	3198	011	01220
					3159	Res, 1K2, 5%, 1/6W, Carbon Film.	3198	011	01220
					3160	Res, 1K2, 5%, 1/10W, Metalized Glass. . . .	3198	021	51220
					3161	Res, 1K2, 5%, 1/10W, Metalized Glass. . . .	3198	021	51220
					3162	Res, 1K2, 5%, 1/6W, Carbon Film.	3198	011	01220
					3173	Res, 1K2, 5%, 1/6W, Carbon Film.	3198	011	01220
					3174	Res, 100 ohm, 5%, 1/6W, Carbon Film. . . .	3198	011	01010
					3175	Res, 100 ohm, 5%, 1/6W, Carbon Film. . . .	3198	011	01010
					3176	Res, 100 ohm, 5%, 1/6W, Carbon Film. . . .	3198	011	01010
					3181	Res, 100 ohm, 5%, 1/6W, Carbon Film. . . .	3198	011	01010
					3182	Res, 100 ohm, 5%, 1/6W, Carbon Film. . . .	3198	011	01010
					3183	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010
					3184	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010
					3185	Res, 100 ohm, 5%, 1/6W, Carbon Film. . . .	3198	011	01010
					3186	Res, 100 ohm, 5%, 1/6W, Carbon Film. . . .	3198	011	01010
					3187	Res, 100 ohm, 5%, 1/6W, Carbon Film. . . .	3198	011	01010

Rear Jack Panel Parts

Rear Jack Panel Parts

1016	Rear Jack Panel Asm.	3135	037	10692
1200	Connector, 4 Pin	2422	025	12479
1201	Connector, 4 Pin	2422	025	12479
1202	Connector, 4 Pin	2422	025	12479
1203	Connector, 4 Pin	2422	025	12479
1205	Connector, 3 Pin	2422	025	09191
1207	Connector, 5 Pin	2422	025	12481
1208	Connector, 5 Pin	2422	025	12481
1214	Socket, Cinch, 4 Pin	2422	026	05093
1217	Socket, Cinch, 1 Pin	2422	026	04378
1218	Socket, MDIN, 10 Pin	2422	026	04926
1219	Socket, MDIN, 10 Pin	2422	026	04926
1220	Connector, 64 Pin.	2422	025	17714
1251	Socket, Cinch, 12 Pin.	2422	026	05106
2111	Cap, 10u, 20%, 50v, Electrolytic	3198	029	51090
2112	Cap, 10u, 20%, 50v, Electrolytic	3198	029	51090
2113	Cap, 220u, 20%, 25v, Electrolytic.	3198	025	32210
2114	Cap, 470n, +80/-20%, 16v, Ceramic.	3198	017	24740
2115	Cap, 470n, +80/-20%, 16v, Ceramic.	3198	017	24740
2116	Cap, 470n, +80/-20%, 16v, Ceramic.	3198	017	24740
2117	Cap, 470n, +80/-20%, 16v, Ceramic.	3198	017	24740

S = Safety Part Be sure to use exact replacement part.

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3318	Res,	68K,	5%,	1/10W,	Metalized Glass	3198	021	56830	5107	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3319	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5108	Coil, 1u			2422	535	95387
3320	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5109	Coil, 1u			2422	535	95387
3321	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5110	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3322	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5111	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3323	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5112	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3324	Res,	2K2,	5%,	1/10W,	Metalized Glass	3198	021	52220	5113	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3325	Res,	2K2,	5%,	1/10W,	Metalized Glass	3198	021	52220	5301	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3326	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	5302	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3328	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5303	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3329	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5304	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3330	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5305	Coil, 2u2.			3198	018	42280
3331	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5306	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3332	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5307	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3333	Res,	33 ohm,	5%,	1/10W,	Metalized Glass	3198	021	53390	5308	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3334	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5309	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3335	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	5310	Coil, 8u2.			3198	018	28280
3336	Res,	68K,	5%,	1/10W,	Metalized Glass	3198	021	56830	5311	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3337	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	5312	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3338	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	5313	Coil, 330u			2422	535	94649
3339	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5315	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3340	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5316	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3341	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5317	Coil, 8u2.			2422	535	96517
3342	Res,	1M,	5%,	1/10W,	Metalized Glass	3198	021	51050	6101	Diode, Signal,	BAS316.		3198	010	10630
3343	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6102	Diode, Signal,	BAS316.		3198	010	10630
3344	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6103	Diode, Signal,	BAS316.		3198	010	10630
3345	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6104	Diode, Signal,	BAS316.		3198	010	10630
3346	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6105	Diode, Rect,	SB140.		9339	577	60673
3347	Res,	1M,	5%,	1/10W,	Metalized Glass	3198	021	51050	6106	Diode, Signal,	BAS316.		3198	010	10630
3348	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6107	Diode, Signal,	BAS316.		3198	010	10630
3349	Res,	1K,	5%,	1/10W,	Metalized Glass	3198	021	51020	6108	Diode, Signal,	BAS316.		3198	010	10630
3350	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	6109	Diode, Signal,	BAS316.		3198	010	10630
3351	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6110	Diode, Signal,	BAS316.		3198	010	10630
3352	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6111	Diode, Signal,	BAS316.		3198	010	10630
3353	Res,	3K3,	5%,	1/10W,	Metalized Glass	3198	021	53320	6112	Zener Diode, 15 volt			9335	006	90133
3354	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6113	Diode, Signal,	1PS76SB10		9340	453	90115
3355	Res,	220 ohm,	5%,	1/10W,	Metalized Glass	3198	021	52210	6114	Diode, Signal,	1PS76SB10		9340	453	90115
3356	Res,	1K2,	5%,	1/10W,	Metalized Glass	3198	021	51220	6201	Zener Diode, 6.8 volt.			9340	548	55115
3357	Res,	1K,	5%,	1/10W,	Metalized Glass	3198	021	51020	6202	Zener Diode, 6.8 volt.			9340	548	55115
3358	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6300	Diode, Signal,	BAS316.		3198	010	10630
3359	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6301	Diode, Signal,	BAS316.		3198	010	10630
3360	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6302	Diode, Signal,	BAS316.		3198	010	10630
3361	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6304	Diode, Signal,	BAS316.		3198	010	10630
3362	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	6305	Diode, Signal,	BAS316.		3198	010	10630
3363	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	6306	Diode, Signal,	BAS316.		3198	010	10630
3364	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	7001	Transistor, NPN,	BC847B.		3198	010	42030
3365	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	7002	Transistor, NPN,	BC847B.		3198	010	42030
3366	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	7003	Transistor, NPN,	BC847B.		3198	010	42030
3367	Res,	56K,	5%,	1/10W,	Metalized Glass	3198	021	55630	7004	Transistor, NPN,	BC847B.		3198	010	42030
3371	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7005	Transistor, PNP,	BC857B.		3198	010	42150
3372	Res,	2K2,	5%,	1/10W,	Metalized Glass	3198	021	52220	7006	Transistor, PNP,	BC857B.		3198	010	42150
3373	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	7007	Transistor, PNP,	BC857B.		3198	010	42150
3374	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7008	Transistor, NPN,	BC847B.		3198	010	42030
3375	Res,	15K,	5%,	1/10W,	Metalized Glass	3198	021	51530	7009	Transistor, NPN,	BC847B.		3198	010	42030
3376	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7010	Transistor, NPN,	BC847B.		3198	010	42030
3377	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7011	Transistor, NPN,	BC847B.		3198	010	42030
3378	Res,	39K,	5%,	1/10W,	Metalized Glass	3198	021	53930	7012	Transistor, NPN,	BC847B.		3198	010	42030
3379	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7013	Transistor, PNP,	BC857B.		3198	010	42150
3380	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7014	F.E.T. STD3NK60Z.			9322	195	38668
3381	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7015	Transistor, PNP,	BC857B.		3198	010	42150
3382	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7017	Transistor, PNP,	BC857B.		3198	010	42150
3383	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7018	Transistor, NPN,	BC847B.		3198	010	42030
3384	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7020	Transistor, NPN,	BC847B.		3198	010	42030
3385	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7021	Transistor, NPN,	BC847B.		3198	010	42030
3390	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7022	Transistor, NPN,	BC847B.		3198	010	42030
3391	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7023	Transistor, NPN,	BC847B.		3198	010	42030
3392	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7024	Transistor, PNP,	BC857B.		3198	010	42150
3393	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7025	Transistor, NPN,	BC847B.		3198	010	42030
3394	Res,	1K,	5%,	1/10W,	Metalized Glass	3198	021	51020	7101	IC, TC74HC590AF-EL			9322	167	76668
3395	Res,	10 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51090	7102	IC, TC74HC590AF-EL			9322	167	76668
3396	Res,	1K,	5%,	1/10W,	Metalized Glass	3198	021	51020	7103	IC, CY7C199-15ZC			9322	153	66668
4104	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7104	IC, MOS, Digital, Logic,	74HCT573DB.		9351	869	80118
4105	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7105	IC, MOS, Digital, Logic,	74HCT573DB.		9351	869	80118
4106	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7106	IC, CD74ACT151M.			9322	195	64668
4107	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7107	IC, M24C32-WMN6.			9322	124	74668
4108	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7108	IC, P89C668HBA/00.			9352	654	18112
4109	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7109	IC, TL431BCLP.			9322	115	98676
4110	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7110	IC, TLC0832CD.			9322	185	44668
4114	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7111	IC, NE555D.			9336	561	10623
4115	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7113	IC, TEA6422D.			9322	116	87668
4116	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7114	IC, PCF8574T.			9337	280	80118
4117	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7115	IC, TL431BCLP.			9322	115	98676
4118	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7116	IC, TDA7309D.			9322	110	45668
4119	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7117	IC, TDA1308T/N1.			9350	721	10115
4120	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7118	IC, NE555D.			9336	561	10623
4121	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7120	F.E.T. Signal, BSN20			9340	125	00235
4129	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7121	F.E.T. Signal, BSN20			9340	125	00235
5101	Coil,	6u8.				2422	535	94819	9001	Wire Jumper, 0.58MM.			3198	036	90010
5102	Coil,	1u				2422	535	95387	9002	Wire Jumper, 0.58MM.			3198		

1024	LED Panel Asm.	3135	037	10741
0207	Holder, LED.	3139	124	23831
0209	Holder, Photo Diode.	3104	304	19732
1201	Connector, 4 Pin	2422	025	12489
1214	Connector, 10 Pin.	2422	025	12493
2001	Cap, 10u, 20%, 50v, Electrolytic	3198	025	51090
2002	Cap, 470n, +80/-20%, 10v, Ceramic. . . .	3198	017	44740
2003	Cap, 100u, 20%, 10v, Electrolytic. . . .	3198	025	11010
2004	Cap, 470n, +80/-20%, 10v, Ceramic. . . .	3198	017	44740
3001	Res, 150 ohm, 5%, 1/16W, Metalized Glass	3198	021	31510
3002	Res, 470 ohm, 5%, 1/16W, Metalized Glass	3198	021	34710
3003	Res, 1K2, 5%, 1/16W, Metalized Glass . . .	3198	021	31220
3004	Res, 10K, 5%, 1/16W, Metalized Glass . . .	3198	021	31030
3005	Res, 15K, 5%, 1/10W, Metalized Glass . . .	3198	021	51530
3006	Res, 330 ohm, 5%, 1/10W, Metalized Glass	3198	021	53310
3007	Res, 1K5, 5%, 1/16W, Metalized Glass . . .	3198	021	31520
3008	Res, 6K8, 5%, 1/16W, Metalized Glass . . .	3198	021	36820
3009	Res, 1M5, 5%, 1/16W, Metalized Glass . . .	2322	702	60155
3010	Res, 10K, 5%, 1/16W, Metalized Glass . . .	3198	021	31030
3011	Res, 3K3, 5%, 1/16W, Metalized Glass . . .	3198	021	33320
3012	Res, 4K7, 5%, 1/16W, Metalized Glass . . .	3198	021	34720
3013	Res, 10K, 5%, 1/16W, Metalized Glass . . .	3198	021	31030
3014	Res, 1M5, 5%, 1/16W, Metalized Glass . . .	2322	702	60155
3016	Res, 1K, 5%, 1/16W, Metalized Glass. . . .	3198	021	31020
3017	Res, 3K3, 5%, 1/16W, Metalized Glass . . .	3198	021	33320
4002	Res, Zero ohm, "Chip" Jumper	3198	021	90020
4003	Res, Zero ohm, "Chip" Jumper	3198	021	90030
4004	Res, Zero ohm, "Chip" Jumper	3198	021	90030
4005	Res, Zero ohm, "Chip" Jumper	3198	021	90030
6000	LED, TLUV5300.	9338	792	00682
6003	IR Receiver, TSOP2136UH1	9322	159	21667
6004	Optical Sensor, BPW46.	9322	032	38682
7000	IC, LM358DR2	9339	265	90668
7001	Transistor, NPN, BC847B.	3198	010	42030

Side Jack Panel Parts

Side Jack Panel Parts				
1028	Side Jack Panel Asm.	3135	037	10751
1300	Switch, Push, 2 Pin, 2 Position, 30v	2422	128	03068
1301	Socket, MDin, 4 Pin, TCS7959 Y	2422	026	05157
1302	Socket, Cinch, 3 Pin	2422	026	05493
1303	Socket, Phone, 1 Pin	2422	026	04747
1335	Connector, 11 Pin.	2422	025	12485
1337	Connector, 1 Pin	2422	015	18552
1344	Connector, 5 Pin	2422	025	12481
2107	Cap, 680p, 5%, 50v, Ceramic.	3198	016	06810
2108	Cap, 100p, 5%, 50v, Ceramic.	3198	016	01010
2109	Cap, 680p, 5%, 50v, Ceramic.	3198	016	06810
2110	Cap, 100p, 5%, 50v, Ceramic.	3198	016	01010
2111	Cap, 680p, 5%, 50v, Ceramic.	3198	016	06810
2112	Cap, 10n, 10%, 50v, Ceramic.	3198	017	01030
2113	Cap, 680p, 5%, 50v, Ceramic.	3198	016	06810
2114	Cap, 10n, 10%, 50v, Ceramic.	3198	017	01030
2115	Cap, 100n, +80/-20%, 25v, Ceramic.	3198	023	21040
3106	Res, 75 ohm, 5%, 1/10W, Metalized Glass. .	3198	021	57590
3107	Res, 75 ohm, 5%, 1/10W, Metalized Glass. .	3198	021	57590
3115	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010
3116	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51020
3117	Res, 47K, 5%, 1/10W, Metalized Glass . . .	3198	021	54730
3118	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51020
3119	Res, 47K, 5%, 1/10W, Metalized Glass . . .	3198	021	54730
3120	Res, 10 ohm, 5%, 1/10W, Metalized Glass. .	3198	021	51090
3121	Res, 10 ohm, 5%, 1/10W, Metalized Glass. .	3198	021	51090
3122	Res, 10K, 5%, 1/10W, Metalized Glass . . .	3198	021	51030
3123	Res, 10 ohm, 5%, 1/10W, Metalized Glass. .	3198	021	51090
3124	Res, 10 ohm, 5%, 1/10W, Metalized Glass. .	3198	021	51090
3125	Res, 10K, 5%, 1/10W, Metalized Glass . . .	3198	021	51030
4001	Res, Zero ohm, "Chip" Jumper	3198	021	90020
4002	Res, Zero ohm, "Chip" Jumper	3198	021	90020
5001	Coil, 270n	3198	018	32770
5002	Coil, 270n	3198	018	32770
6001	Zener Diode, 6.8 volt.	9340	386	40115
6002	Zener Diode, 6.8 volt.	9340	386	40115
6003	Zener Diode, 6.8 volt.	9340	386	40115
6004	Zener Diode, 6.8 volt.	9340	386	40115
6005	Zener Diode, 6.8 volt.	9340	386	40115
6006	Zener Diode, 6.8 volt.	9340	386	40115
6007	Zener Diode, 6.8 volt.	9340	386	40115
6008	Zener Diode, 6.8 volt.	9340	386	40115
6009	Zener Diode, 6.8 volt.	9340	386	40115
6010	Zener Diode, 6.8 volt.	9340	386	40115
6011	Zener Diode, 6.8 volt.	9340	386	40115
6012	Zener Diode, 6.8 volt.	9340	386	40115

LED/Keyboard Panel Parts

LED/Keyboard Panel Parts				
1032	LED/Keyboard Panel Asm.	3135	037	12561
1001	Switch, Tactile.	2422	128	02742
1002	Switch, Tactile.	2422	128	02742
1003	Switch, Tactile.	2422	128	02742
1004	Switch, Tactile.	2422	128	02742
1005	Switch, Tactile.	2422	128	02742

S = Safety Part Be sure to use exact replacement part.

1006	Switch, Tactile.	2422	128	02742
1201	Connector, 4 Pin	2422	025	12489
1202	Connector, 1 Pin	2422	015	18551
1203	LED, Holder (Not Shown).	3135	034	00711
3001	Res, 390 ohm, 1%, 1/8W, Metalized Glass. .	2322	734	63901
3002	Res, 200 ohm, 1%, 1/8W, Metalized Glass. .	2322	734	62001
3003	Res, 620 ohm, 1%, 1/8W, Metalized Glass. .	2322	734	66201
3004	Res, 1K1, 1%, 1/8W, Metalized Glass. . . .	2322	734	61102
3006	Res, 2K, 1%, 1/8W, Metalized Glass	2322	734	62002
3007	Res, 2K4, 1%, 1/8W, Metalized Glass. . . .	2322	734	62402
3009	Res, 910 ohm, 1%, 1/8W, Metalized Glass. .	2322	734	69101
3010	Res, 160 ohm, 1%, 1/8W, Metalized Glass. .	2322	734	61601
3011	Res, 120 ohm, 5%, 1/10W, Metalized Glass	3198	021	51210
4000	Res, Zero ohm, "Chip" Jumper	3198	021	90020
6001	Zener Diode, 6.8 volt.	9340	386	40115
6002	Zener Diode, 6.8 volt.	9340	386	40115
6003	LED, TLHB5400.	9322	188	10682
7000	Transistor, NPN, BC847B.	3198	010	42030

Thermal Sensor Panel Parts

Thermal Sensor Panel Parts				
1034	Thermal Sensor Panel Asm.	3135	037	10781
1202	Connector, 3 Pin	2422	025	10775
2001	Cap, 100n, 10%, 16v, Ceramic	3198	017	01040
2002	Cap, 100n, 10%, 16v, Ceramic	3198	017	01040
3001	Res, 5K6, 1%, 1/8W, Metalized Glass. . . .	2322	734	65602
3002	Res, 68K, 1%, 1/8W, Metalized Glass. . . .	2322	734	66803
3003	Res, 820 ohm, 1%, 1/8W, Metalized Glass. .	2122	118	05988
3004	Res, 680 ohm, 1%, 1/8W, Metalized Glass. .	2322	734	66801
3005	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010
S 3006	NTC, 10K, 5%, 1/2W	2322	640	33103
3007	Res, 1M, 5%, 1/10W, Metalized Glass. . . .	3198	021	51050
3008	Res, 22K, 5%, 1/10W, Metalized Glass . . .	3198	021	52230
4001	Res, Zero ohm, "Chip" Jumper	3198	021	90020
7001	Transistor, NPN, BC847B.	3198	010	42030
7002	Transistor, NPN, BC847B.	3198	010	42030

Input Power Panel Parts

Input Power Panel Parts				
1045	Input Power Panel Asm.	3135	037	11421
0001	Insulator, SP-900.	3135	010	02331
0002	Clip, Transistor	3135	011	02681
0013	Spring	3139	121	24583
0014	Spring	3139	121	24583
0018	Insulator, SP-900.	3135	010	02331
0019	Clip, Transistor	3135	011	02681
0020	Spring	3139	121	24583
0201	Spring	3135	011	01041
0215	Insulator.	3135	010	02321
1206	Connector, 1 Pin	2422	015	18552
1208	Surge Protector, DSP-501N-A21F	2422	549	42349
1209	Connector, 1 Pin	2422	015	18552
S 1210	Relay, 1 Pin, 5V, 5A	2422	132	07411
S 1211	Fuse/Clip, 6A3, 250V, IEC.	2422	093	00036
1212	Connector, 4 Pin	2422	025	15503
S 1214	Protection Device, 5.5 KVDC, UL5500. . . .	2422	549	43369
1215	Heatsink	3135	031	60051
1217	Connector, 1 Pin	2422	015	18552
1218	Connector, 1 Pin	2422	015	18552
1310	Connector, 2 Pin	2422	025	11196
1311	Connector, 6 Pin	2422	025	14044
1316	Connector, 4 Pin	2422	025	10647
1401	Heatsink	3135	031	60071
1402	Heatsink, TO-220	3135	031	60133
1403	Connector, 12 Pin.	2422	025	08333
1410	Connector, 2 Pin	2412	020	00724
1460	Connector, 3 Pin	2412	020	00725
1518	Heatsink	3135	031	60071
1520	Heatsink, TO-220	3135	031	60133
2200	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557
2201	Cap, 220n, 20%, 275v, Metalized Polypropylene	2222	336	29146
2202	Cap, 1m5, 20%, 200v, Electrolytic.	2020	021	91747
2203	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557
2205	Cap, 680n, 20%, 275v, Metalized Polypropylene	2222	336	29149
2209	Cap, 1m5, 20%, 200v, Electrolytic.	2020	021	91747
2210	Cap, 1n, 5%, 50v, Ceramic.	3198	016	01020
2211	Cap, 1n, 5%, 50v, Ceramic.	3198	016	01020
2212	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557
S 2213	Cap, 470p, 10%, 50v, Ceramic	2020	554	90169
S 2214	Cap, 470p, 10%, 50v, Ceramic	2020	554	90169
2215	Cap, 100n, 10%, 16v, Ceramic	3198	017	01040
2216	Cap, 1n, 5%, 50v, Ceramic.	3198	016	01020
2217	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557
2219	Cap, 100u, 20%, 400v, Electrolytic	2020	021	91759
S 2220	Cap, 470p, 10%, 50v, Ceramic	2020	554	90169
2225	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
2249	Cap, 100n, 10%, 50v, Polyester	3198	014	01040
S 2421	Cap, 470p, 10%, 50v, Ceramic	2020	554	90169
2423	Cap, 470p, 5%, 50v, Ceramic.	3198	016	04710
2424	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557

	2431	Cap, 100p, 10%, 1000v, Ceramic	2252	711	95001	5407	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
	2432	Cap, 1n, 10%, 1000v, Ceramic	3198	019	61020	5408	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
	2433	Cap, 100p, 10%, 1000v, Ceramic	2252	711	95001	5409	Coil, 1u	2422	535	95387
S	2435	Cap, 470p, 10%, 50v, Ceramic	2020	554	90169	5410	Transformer, SMT Layer, US28206-01	2422	531	02553
	2436	Cap, 47u, 20%, 50v, Electrolytic	2020	021	91521	5411	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
	2437	Cap, 100p, 10%, 1000v, Ceramic	2252	711	95001	5412	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
	2441	Cap, 22u, 20%, 35v, Electrolytic	2020	021	91811	5417	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
	2442	Cap, 100n, 10%, 50v, Polyester	3198	014	01040	5419	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
	2443	Cap, 4n7, 10%, 50v, Ceramic	3198	019	14720	5420	Coil, 1u	2422	535	95387
	2444	Cap, 22u, 20%, 35v, Electrolytic	2020	021	91811	5422	Coil, 1u	2422	535	95387
	2453	Cap, 470p, 10%, 1000v, Ceramic	3198	019	64710	5502	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
	2454	Cap, 1000u, 20%, 35v, Electrolytic	2020	021	91411	5503	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
	2456	Cap, 470p, 10%, 1000v, Ceramic	3198	019	64710	5507	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
	2457	Cap, 1000u, 20%, 35v, Electrolytic	2020	021	91411	5509	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020
	2472	Cap, 220u, 20%, 10v, Electrolytic	3198	025	12210	5510	Coil, Choke, 190uH, UC28214-03 Y	2422	536	00594
	2473	Cap, 1n, 5%, 50v, Ceramic	3198	016	01020	5514	Filter, Mains, 100uH, 2A2, W8051	2422	549	44101
	2522	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557	6200	Diode, Signal, 1N4148.	3198	010	10010
	2523	Cap, 470p, 10%, 50v, Ceramic	3198	019	14710	6201	Diode, Bridge Rect, GBU6JL-7002	9322	138	08667
	2530	Cap, 220p, 10%, 1000v, Ceramic	3198	019	62210	6202	Diode, Bridge Rect, GBU4JL-7002	9322	132	55667
	2534	Cap, 100u, 20%, 400v, Electrolytic	2020	021	91759	6402	Diode, Signal, 1N4148.	3198	010	10010
	2535	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557	6403	Diode, Signal, BAS316.	3198	010	10630
	2536	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557	6404	Optic Coupler, CQY80NG	9338	941	50682
	2541	Cap, 10u, 20%, 50v, Electrolytic	2020	021	91808	6405	Diode, Rect, BYV95C	9335	001	80133
	2542	Cap, 10n, +80/-20%, 50v, Ceramic	3198	019	21030	6406	Zener Diode, 18 volt	3198	010	21890
	2543	Cap, 22n, +80/-20%, 50v, Ceramic	3198	019	22230	6407	Zener Diode, 6.8 volt.	3198	010	26880
	2544	Cap, 47u, 20%, 16v, Electrolytic	2020	021	91804	6408	Diode, Signal, BAS316.	3198	010	10630
	3204	Res, 2M2, 5%, 1/2W, Metalized Glass.	2322	242	13225	6409	Diode, Signal, 1N4148.	3198	010	10010
	3207	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	6410	Optic Coupler, CQY80NG	9338	941	50682
	3210	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	6411	Diode, Rect, BY229X-800	9340	380	30127
	3211	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	6413	Diode, Rect, BYW29EX-200	9340	412	80127
S	3212	VDR, DC, 1MA/495V, MAX 850VB.	2322	595	90021	6414	Diode, Rect, BYW29EX-200	9340	412	80127
	3213	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	6501	Diode, Rect, BYV29F-400	9338	673	00127
	3214	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	7211	Transistor, NPN, BC547B.	3198	020	40030
	3215	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	7212	Transistor, PNP, BC857B.	3198	010	42150
	3216	Res, 4M7, 5%, 1/2W, Metalized Glass.	2322	242	13475	7402	IC, TOP247Y.	9322	181	88687
	3217	Res, 220 ohm, 20%, 1/2W, Carbon Film	2120	103	90042	7406	IC, TL431BCLP.	9322	115	98676
	3218	Res, 4M7, 5%, 1/2W, Metalized Glass.	2322	242	13475	7408	Transistor, PNP, BC857B.	3198	010	42150
	3219	Res, 4M7, 5%, 1/2W, Metalized Glass.	2322	242	13475	7409	Transistor, NPN, BC847B.	3198	010	42030
	3245	Res, 3K3, 5%, 1/10W, Metalized Glass	3198	021	53320	7410	Transistor, PNP, BC857B.	3198	010	42150
	3246	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020	7411	Transistor, NPN, BC847B.	3198	010	42030
	3247	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020	7412	Transistor, PNP, BC857B.	3198	010	42150
	3248	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020	7500	Transistor, PNP, BC857B.	3198	010	42150
	3249	Res, 100K, 5%, 1/10W, Metalized Glass.	3198	021	51040	7502	IC, TOP247Y.	9322	181	88687
	3252	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010	7506	IC, TL431BCLP.	9322	115	98676
	3253	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010	9010	Wire Jumper, 0.58MM.	3198	036	90010
	3403	Res, 12K, 5%, 1/6W, Carbon Film	3198	011	01230	9011	Wire Jumper, 0.58MM.	3198	036	90010
	3425	Res, 100 ohm, 5%, 3W, Metal Film	2120	105	93581	9016	Wire Jumper, 0.58MM.	3198	036	90010
	3426	Res, 56K, 1%, 3/5W, Metal Film	2312	915	15603	9020	Wire Jumper, 0.58MM.	3198	036	90010
	3429	Res, 1K2, 5%, 1/6W, Carbon Film	3198	011	01220	9022	Wire Jumper, 0.58MM.	3198	036	90010
	3430	Res, 470 ohm, 5%, 1/6W, Carbon Film.	3198	011	04710	9023	Wire Jumper, 0.58MM.	3198	036	90010
	3431	Res, 56K, 5%, 1/6W, Carbon Film.	3198	011	05630	9024	Wire Jumper, 0.58MM.	3198	036	90010
	3432	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020	9025	Wire Jumper, 0.58MM.	3198	036	90010
	3433	Res, 6R8, 1%, 3/5W, Metal Film	2312	915	16808	9026	Wire Jumper, 0.58MM.	3198	036	90010
	3438	Res, 10K, 1%, 3/5W, Metal Film	2312	915	11003	9027	Wire Jumper, 0.58MM.	3198	036	90010
	3441	Res, 4K7, 5%, 1/6W, Carbon Film.	3198	011	04720	9028	Wire Jumper, 0.58MM.	3198	036	90010
	3444	Res, 820K, 1%, 3/5W, Metal Film.	2312	915	18204	9029	Wire Jumper, 0.58MM.	3198	036	90010
	3445	Res, 100K, 1%, 3/5W, Metal Film.	2312	915	11004	9201	Wire Jumper, 0.58MM.	3198	036	90010
	3453	Res, 33 ohm, 5%, 2W, Metal Film.	2120	105	93418	9204	Wire Jumper, 0.58MM.	3198	036	90010
	3456	Res, 33 ohm, 5%, 2W, Metal Film.	2120	105	93418	9206	Wire Jumper, 0.58MM.	3198	036	90010
	3460	Res, 10K, 5%, 1/6W, Carbon Film.	3198	011	01030	9207	Wire Jumper, 0.58MM.	3198	036	90010
	3461	Res, 10K, 5%, 1/6W, Carbon Film.	3198	011	01030					
	3462	Res, 4K7, 5%, 1/10W, Metalized Glass	3198	021	54720					
	3463	Res, 10K, 5%, 1/10W, Metalized Glass	3198	021	51030					
	3464	Res, 2K7, 5%, 1/10W, Metalized Glass	3198	021	52720					
	3465	Res, 3K9, 5%, 1/10W, Metalized Glass	3198	021	53920					
	3466	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020					
	3470	Res, 47 ohm, 5%, 1/6W, Carbon Film	3198	011	04790					
	3471	Res, 1K, 5%, 1/10W, Metalized Glass.	3198	021	51020					
	3472	Res, 1K2, 5%, 1/6W, Carbon Film.	3198	011	01220					
	3473	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020					
	3474	Res, 100K, 5%, 1/10W, Metalized Glass.	3198	021	51040					
	3475	Res, 10K, 5%, 1/10W, Metalized Glass	3198	021	51030					
	3476	Res, 10K, 5%, 1/10W, Metalized Glass	3198	021	51030					
	3522	Res, 33 ohm, 5%, 2W, Metal Film.	2120	105	93418					
	3526	Res, 10K, 5%, 1/6W, Carbon Film.	3198	011	01030					
	3533	Res, 6R8, 1%, 3/5W, Metal Film	2312	915	16808					
	3536	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090					
	3537	Res, 3K3, 5%, 1/6W, Carbon Film.	3198	011	03320					
	3538	Res, 1K, 1%, 3/5W, Metal Film.	2312	915	11002					
	3539	Res, 470 ohm, 5%, 1/6W, Carbon Film.	3198	011	04710					
	3540	Res, 150K, 1%, 3/5W, Metal Film.	2312	915	11504					
	3541	Res, 150K, 1%, 3/5W, Metal Film.	2312	915	11504					
	3542	Res, 120K, 1%, 3/5W, Metal Film.	2312	915	11204					
	3543	Res, 3K, 1%, 1/8W, Metalized Glass	2322	734	63002					
	3544	Res, 22K, 5%, 1/10W, Metalized Glass	3198	021	52230					
	5210	Inductor, Fixed, 100MHZ, 30 ohm.	3198	018	90060					
	5211	Inductor, Fixed, 100MHZ, 30 ohm.	3198	018	90060					
	5212	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020					
	5213	Filter, Mains, 8mH, 7A, JLB2806.	2422	549	44591					
	5214	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020					
	5218	Filter, Mains, 8mH, 7A, JLB2806.	2422	549	44591					
	5406	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020					

S = Safety Part Be sure to use exact replacement part.

Audio Amp Panel Parts

Audio Amp Panel Parts				
0070	Clip, Transistor	3135	011	02681
0071	Insulator.	3135	010	02351
1012	Audio Amp Panel Asm.	3135	037	11412
1216	Connector, 1 Pin	2422	015	18551
1305	Connetort, 7 Pin	2422	025	09407
1316	Connector, 4 Pin	2422	025	10647
1321	Connector.	2422	025	15781
1700	Connector, 8 Pin	2422	025	12483
1701	Heatsink, Vertical, Audio.	3135	031	60151
1702	Thyristor, BT169B.	9338	268	50126
1703	Inductor, fixed, line Filter, 50V, 2A4	2422	549	43778
1704	Inductor, fixed, line Filter, 50V, 2A4	2422	549	43778
2701	Cap, 680n, 10%, 63v, Metalized Polyester	2222	365	75684
2702	Cap, 10n, +80/-20%, 50v, Ceramic	3198	017	21030
2703	Cap, 680n, 10%, 63v, Metalized Polyester	2222	365	75684
2704	Cap, 10n, +80/-20%, 50v, Ceramic	3198	017	21030
2705	Cap, 2u2, 20%, 50v, Electrolytic	3198	025	52280
2706	Cap, 100n, 10%, 16v, Ceramic	3198	017	01040
2707	Cap, 100n, 10%, 16v, Ceramic	3198	017	01040
2708	Cap, 220n, +80/-20%, 25v, Ceramic.	3198	023	22240
2709	Cap, 470p, 5%, 50v, Ceramic.	3198	016	04710
2710	Cap, 470p, 5%, 50v, Ceramic.	3198	016	04710
2711	Cap, 1n, 5%, 50v, Ceramic.	3198	016	01020
2712	Cap, 220n, +80/-20%, 50v, Ceramic.	2238	580	19814
2713	Cap, 100n, 10%, 16v, Ceramic	3198	017	01040
2714	Cap, 33n, 10%, 50v, Ceramic.	3198	017	03330
2715	Cap, 1n, 5%, 50v, Ceramic.	3198	016	01020
2716	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
2717	Cap, 100p. 5%. 50v. Ceramic.	3198	016	01010

2718	Cap,	22p, 5%, 50v, Ceramic	3198	016	02290	6709	Diode, Signal, BAS316	3198	010	10630
2719	Cap,	1n, 5%, 50v, Ceramic	3198	016	01020	6710	Diode, Signal, BAS316	3198	010	10630
2720	Cap,	220n, +80/-20%, 25v, Ceramic	3198	023	22240	6711	Diode, Signal, BAS316	3198	010	10630
2721	Cap,	470p, 5%, 50v, Ceramic	3198	016	04710	7700	IC, TDA7490	9322	147	50667
2722	Cap,	470p, 5%, 50v, Ceramic	3198	016	04710	7701	Transistor, NPN, BC847B	3198	010	42030
2723	Cap,	220n, +80/-20%, 50v, Ceramic	2238	580	19814	7704	Transistor, NPN, BC847B	3198	010	42030
2724	Cap,	220n, +80/-20%, 50v, Ceramic	2238	580	19814	7705	Transistor, NPN, BC847B	3198	010	42030
2725	Cap,	220n, +80/-20%, 50v, Ceramic	2238	580	19814	7706	Transistor, PNP, BC857B	3198	010	42150
2726	Cap,	33n, 10%, 50v, Ceramic	3198	017	03330	7707	Transistor, NPN, BC847B	3198	010	42030
2727	Cap,	1n, 5%, 50v, Ceramic	3198	016	01020	7708	Transistor, NPN, BC847B	3198	010	42030
2728	Cap,	330p, 5%, 50v, Ceramic	3198	016	03310	7710	Transistor, NPN, BC847B	3198	010	42030
2729	Cap,	100n, 10%, 16v, Ceramic	3198	017	01040	7711	Transistor, NPN, BC847B	3198	010	42030
2730	Cap,	2u2, 20%, 35v, Electrolytic	2020	021	91637	9012	Wire Jumper, 0.58MM	3198	036	90010
2731	Cap,	2u2, 20%, 35v, Electrolytic	2020	021	91637	9019	Wire Jumper, 0.58MM	3198	036	90010
2732	Cap,	220n, +80/-20%, 50v, Ceramic	2238	580	19814	9026	Wire Jumper, 0.58MM	3198	036	90010
2733	Cap,	220n, +80/-20%, 50v, Ceramic	2238	580	19814	9027	Wire Jumper, 0.58MM	3198	036	90010
2734	Cap,	1n, 5%, 50v, Ceramic	3198	016	01020	9030	Wire Jumper, 0.58MM	3198	036	90010
2735	Cap,	10u, 20%, 50v, Electrolytic	3198	025	51090	9031	Wire Jumper, 0.58MM	3198	036	90010
2736	Cap,	10n, +80/-20%, 50v, Ceramic	3198	017	21030	9032	Wire Jumper, 0.58MM	3198	036	90010
2737	Cap,	10n, +80/-20%, 50v, Ceramic	3198	017	21030	9033	Wire Jumper, 0.58MM	3198	036	90010
2739	Cap,	1n, 5%, 50v, Ceramic	3198	016	01020	9034	Wire Jumper, 0.58MM	3198	036	90010
2740	Cap,	1n, 5%, 50v, Ceramic	3198	016	01020					
2741	Cap,	1n, 5%, 50v, Ceramic	3198	016	01020					
2742	Cap,	220n, +80/-20%, 50v, Ceramic	2238	580	19814					
2743	Cap,	220n, +80/-20%, 50v, Ceramic	2238	580	19814					
2744	Cap,	220n, +80/-20%, 50v, Ceramic	2238	580	19814					
2745	Cap,	220n, +80/-20%, 50v, Ceramic	2238	580	19814					
2763	Cap,	680n, 10%, 50v, Polyester	3198	014	06840					
2776	Cap,	47u, 20%, 50v, Electrolytic	3198	025	54790					
2777	Cap,	680n, 10%, 50v, Polyester	3198	014	06840					
2780	Cap,	100n, 10%, 50v, Polyester	3198	014	01040					
2781	Cap,	100n, 10%, 50v, Polyester	3198	014	01040					
3701	Res,	10K, 5%, 1/6W, Carbon Film	3198	011	01030					
3702	Res,	6K8, 5%, 1/6W, Carbon Film	3198	011	06820					
3703	Res,	33K, 5%, 1/10W, Metalized Glass	3198	021	53330					
3704	Res,	10K, 5%, 1/10W, Metalized Glass	3198	021	51030					
3705	Res,	10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090					
3706	Res,	5K6, 5%, 1/10W, Metalized Glass	3198	021	55620					
3707	Res,	68K, 5%, 1/10W, Metalized Glass	3198	021	56830					
3708	Res,	56K, 5%, 1/10W, Metalized Glass	3198	021	55630					
3709	Res,	220 ohm, 5%, 1/10W, Metalized Glass	3198	021	52210					
3710	Res,	22K, 5%, 1/10W, Metalized Glass	3198	021	52230					
3711	Res,	120K, 5%, 1/4W, Carbon Film	2122	101	02074					
3712	Res,	10K, 5%, 1/10W, Metalized Glass	3198	021	51030					
3713	Res,	100 ohm, 5%, 1/6W, Carbon Film	3198	011	01010					
3714	Res,	47K, 5%, 1/10W, Metalized Glass	3198	021	54730					
3715	Res,	47K, 5%, 1/6W, Carbon Film	3198	011	04730					
3716	Res,	47K, 5%, 1/10W, Metalized Glass	3198	021	54730					
3717	Res,	150K, 5%, 1/10W, Metalized Glass	3198	021	51540					
3718	Res,	150K, 5%, 1/10W, Metalized Glass	3198	021	51540					
3719	Res,	1K, 5%, 2W, Metal Film	2120	105	93546					
3720	Res,	1K, 5%, 2W, Metal Film	2120	105	93546					
3721	Res,	5K6, 5%, 1/10W, Metalized Glass	3198	021	55620					
3722	Res,	68K, 5%, 1/10W, Metalized Glass	3198	021	56830					
3723	Res,	56K, 5%, 1/10W, Metalized Glass	3198	021	55630					
3724	Res,	220 ohm, 5%, 1/6W, Carbon Film	3198	011	02210					
3725	Res,	22K, 5%, 1/10W, Metalized Glass	3198	021	52230					
3726	Res,	3K3, 5%, 1/10W, Metalized Glass	3198	021	53320					
3727	Res,	47K, 5%, 1/10W, Metalized Glass	3198	021	54730					
3728	Res,	220 ohm, 5%, 1/10W, Metalized Glass	3198	021	52210					
3729	Res,	220 ohm, 5%, 1/6W, Carbon Film	3198	011	02210					
3730	Res,	100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010					
3731	Res,	100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010					
3732	Res,	1K5, 5%, 1/6W, Carbon Film	3198	011	01520					
3733	Res,	1K5, 5%, 1/6W, Carbon Film	3198	011	01520					
3734	Res,	100K, 5%, 1/10W, Metalized Glass	3198	021	51040					
3790	Res,	100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010					
3791	Res,	100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010					
3792	Res,	100 ohm, 5%, 1/6W, Carbon Film	3198	011	01010					
3793	Res,	100 ohm, 5%, 1/6W, Carbon Film	3198	011	01010					
3796	Res,	10K, 5%, 1/10W, Metalized Glass	3198	021	51030					
3797	Res,	3K3, 5%, 1/10W, Metalized Glass	3198	021	53320					
3798	Res,	3K3, 5%, 1/6W, Carbon Film	3198	011	03320					
3799	Res,	47K, 5%, 1/6W, Carbon Film	3198	011	04730					
4700	Res,	Zero ohm, "Chip" Jumper	3198	021	90020					
4701	Res,	Zero ohm, "Chip" Jumper	3198	021	90020					
5701	Inductor, Fixed,	68uH, 10%	2422	536	00504					
5702	Inductor, Fixed,	68uH, 10%	2422	536	00504					
5707	Inductor, Fixed,	100MHZ, 30 ohm	3198	018	90060					
5708	Inductor, Fixed,	100MHZ, 30 ohm	3198	018	90060					
5713	Coil, 1u		2422	535	95387					
5714	Coil, 1u		2422	535	95387					
5715	Fixed, Inductor,	100MHZ, 80 ohm	3198	018	90020					
5716	Fixed, Inductor,	100MHZ, 80 ohm	3198	018	90020					
6701	Diode, Signal,	1N4148	3198	010	10010					
6702	Diode, Signal,	1N4148	3198	010	10010					
6703	Diode, Signal,	1N4148	3198	010	10010					
6704	Diode, Signal,	BAS316	3198	010	10630					
6705	Diode, Signal,	BAS316	3198	010	10630					
6706	Diode, Signal,	BAS316	3198	010	10630					
6707	Diode, Signal,	BAS316	3198	010	10630					
6708	Diode, Signal,	BAS316	3198	010	10630					

DW PIP Panel Parts

DW PIP Panel Parts				
0200	Connector, Printed Circuit	4822	267	10734
0201	Connector, B10B-EH-A	4822	267	10557
0205	Connector, 10 Pin.	2422	025	16587
0207	Connector, Printed Circuit, 4 Pin.	4822	267	10565
0236	Connector, Printed Circuit	4822	267	10735
0237	Connector, Printed Circuit, 1 Pin.	4822	267	10676
1184	DW PIP Panel Asm.	3139	177	20061
1327	Crystal, 12 Mhz.	4822	242	10694
1334	Filter, Ceramic, 4MHZ5, TPSCC*MB.	2422	549	44043
1352	Filter, SAW, 45MHZ75.	2422	549	43074
1501	Crystal, Resonator, 32Khz76.	2422	543	01069
2261	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207
2262	Cap, 1n, 5%, 50v, Ceramic.	5322	126	10511
2265	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207
2269	Cap, 47n, 10%, 50v, Ceramic.	4822	126	13751
2301	Cap, 1u, +80/-20%, 10v, Ceramic.	3198	017	41050
2302	Cap, 820p, 5%, 50v, Ceramic.	5322	126	10184
2303	Cap, 4n7, 10%, 63v, Ceramic.	5322	126	10223
2306	Cap, 10n, 10%, 50V	5322	126	11583
2309	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585
2311	Cap, 1u, +80/-20%, 10v, Ceramic.	3198	017	41050
2312	Cap, 10nF, 20%, 50v, Ceramic	4822	122	33177
2313	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585
2314	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585
2316	Cap, 22n, 10%, 25V	4822	126	14494
2317	Cap, 220n, +80/-20%, 16v, Ceramic.	4822	126	13879
2319	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812
2321	Cap, 4n7, 10%, 63v, Ceramic.	5322	126	10223
2322	Cap, 10u, 20%, 63V	4822	124	40248
2324	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585
2327	Cap, 33p, 5%, 50v, Ceramic	2222	867	15339
2328	Cap, 33p, 5%, 50v, Ceramic	2222	867	15339
2331	Cap, 2u2, 20%, 50v, Electrolytic	4822	124	22652
2332	Cap, 220n, +/-80/20, 25v, Ceramic.	4822	126	14076
2333	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812
2334	Cap, 22n, 10%, 63v, Ceramic.	5322	122	32654
2335	Cap, 1u, +80/-20%, 16v, Ceramic.	4822	126	14043
2336	Cap, 820p, 5%, 50v, Ceramic.	5322	126	10184
2338	Cap, 2,2nF, 10%, 63v, Ceramic.	4822	122	33127
2342	Cap, 47pF, 1%, 63v, Ceramic.	4822	126	13692
2345	Cap, 47pF, 1%, 63v, Ceramic.	4822	126	13692
2348	Cap, 47pF, 5%, 50v, Ceramic.	4822	126	11785
2351	Cap, 10nF, 20%, 50v, Ceramic	4822	122	33177
2354	Cap, 470n, +80/-20%, 16v, Ceramic.	4822	126	13482
2355	Cap, 1u, +80/-20%, 10v, Ceramic.	3198	017	41050
2356	Cap, 470n, +80/-20%, 16v, Ceramic.	4822	126	13482
2357	Cap, 10p, 1%, 50v, Ceramic	2238	861	18109
2372	Cap, 4n7, 10%, 63v, Ceramic.	5322	126	10223
2373	Cap, 1uF, 20%, 63V, Electrolytic	4822	124	21913
2374	Cap, 22n, 10%, 63v, Ceramic.	5322	122	32654
2375	Cap, 1n, 5%, 50v, Ceramic.	5322	126	10511
2376	Cap, 1n, 5%, 50v, Ceramic.	5322	126	10511
2377	Cap, 1n, 5%, 50v, Ceramic.	5322	126	10511
2380	Cap, 10u, 20%, 63V	4822	124	40248
2385	Cap, 470p, 5%, 50v, Ceramic.	4822	126	13881
2386	Cap, 470p, 5%, 50v, Ceramic.	4822	126	13881
2390	Cap, 47pF, 5%, 50v, Ceramic.	4822	126	11785
2391	Cap, 100p, 5%, 50v, Ceramic.	2020	552	94427
2392	Cap, 47pF, 5%, 50v, Ceramic.	4822	126	11785
2393	Cap, 1n, 5%, 25v, Ceramic.	3198	016	31020
2401	Cap, 1u, +80/-20%, 10v, Ceramic.	3198	017	41050
2402	Cap, 1u, +80/-20%, 10v, Ceramic.	3198	017	41050
2403	Cap, 1u, +80/-20%, 10v, Ceramic.	3198	017	41050
2404	Cap, 1u, +80/-20%, 10v, Ceramic.	3198	017	41050
2405	Cap, 1u, +80/-20%, 10v, Ceramic.	3198	017	41050
2411	Cap, 10u, 20%, 63V	4822	124	40248
2412	Cap, 220n, +80/-20%, 16v, Ceramic.	4822	126	13879
2415	Cap, 220n, +80/-20%, 16v, Ceramic.	4822	126	13879

2431	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3316	Res, 680 ohm, 5%, 1/16W.	4822	051	30681
2432	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3318	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2434	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3321	Res, 10k, 5%, 1/16W.	4822	051	30103
2436	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3322	Res, 8K2, 1%, 1/16W.	4822	117	12902
2438	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3324	Res, 390 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20391
2439	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3326	Res, 1k, 1%, 0,125W.	5322	117	12487
2440	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3327	Res, 560 ohm, 5%, 1/16W.	4822	051	30561
2501	Cap, 22p, 0.5%, 50V Ceramic.	5322	122	32658	3329	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2502	Cap, 8.2p, 0.5%, 50V	4822	126	14487	3330	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2503	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3333	Res, 1k, 5%, 1/16W	4822	051	30102
2504	Cap, 68n, 10%, 25v, Ceramic.	2020	552	96325	3334	Res, 470R, 5%, 0,062W.	4822	051	30471
2505	Cap, 560p, 10%, 50v, Ceramic.	4822	126	14249	3335	Res, 120 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20121
2506	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3336	Res, 1k, 5%, 1/16W	4822	051	30102
2507	Cap, 1uF, 20%, 63v, Electrolytic	4822	124	21913	3338	Res, 75 ohm, 1%, 1/8W, Metalized Glass	4822	117	11927
2508	Cap, 6n8, 10%, 63v, Ceramic.	5322	126	11582	3339	Res, 10K, 1%, 1/8W, Metalized Glass.	4822	117	10833
2509	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3340	Res, 2k2, 5%, 1/16W.	4822	051	30222
2511	Cap, 100n, 10%, 50v, Ceramic.	4822	126	14585	3341	Res, 47 ohm, 5%, 1/8W, Metalized Glass	4822	051	20479
2811	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3344	Res, 47 ohm, 5%, 1/8W, Metalized Glass	4822	051	20479
2812	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3346	Res, 560 ohm, 5%, 1/16W.	4822	051	30561
2813	Cap, 150p, 5%, 50v, Ceramic.	4822	122	33753	3347	Res, 390 ohm, 5%, 1/16W.	4822	051	30391
2814	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3348	Res, Zero ohm, "Chip" Jumper	4822	051	30008
2816	Cap, 10u, 20%, 63V	4822	124	40248	3364	Res, 1k, 5%, 1/16W	4822	051	30102
2817	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3365	Res, 1K, 1%, 0,125W.	5322	117	12487
2818	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3370	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2819	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3371	Res, 15K, 1%, 1/8W, Metalized Glass.	4822	116	83933
2821	Cap, 10u, 20%, 63V	4822	124	40248	3374	Res, 4k7, 5%, 1/16W.	4822	051	30472
2822	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3381	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2823	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3382	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2824	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3383	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2825	Cap, 150p, 2%, 63v, Ceramic.	5322	122	33538	3384	Res, 10k, 5%, 1/16W.	4822	051	30103
2826	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3385	Res, 4k7, 5%, 1/16W.	4822	051	30472
2827	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3386	Res, 10k, 5%, 1/16W.	4822	051	30103
2828	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3387	Res, 39K, 5%, 0,062W	4822	051	30393
2829	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3388	Res, 10k, 5%, 1/16W.	4822	051	30103
2831	Cap, 1u, +80/-20%, 16v, Ceramic.	4822	126	14043	3389	Res, 4k7, 5%, 1/16W.	4822	051	30472
2832	Cap, 1u, +80/-20%, 16v, Ceramic.	4822	126	14043	3390	Res, 470R, 5%, 0,062W.	4822	051	30471
2833	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3401	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2834	Cap, 10u, 20%, 63V	4822	124	40248	3402	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2836	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3403	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2837	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3404	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2838	Cap, 220u, 20%, 6.3v, Electrolytic	4822	124	11912	3405	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2839	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3411	Res, 47k, 1%, 1/16W.	4822	117	12925
2841	Cap, 10u, 20%, 63V	4822	124	40248	3412	Res, 47k, 1%, 1/16W.	4822	117	12925
2842	Cap, 150p, 5%, 50v, Ceramic.	4822	122	33753	3413	Res, 1k, 5%, 1/16W	4822	051	30102
2843	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3414	Res, 47k, 1%, 1/16W.	4822	117	12925
2844	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3415	Res, 47k, 1%, 1/16W.	4822	117	12925
2846	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3416	Res, 1k, 5%, 1/16W	4822	051	30102
2847	Cap, 150p, 2%, 63v, Ceramic.	5322	122	33538	3417	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2848	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3418	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2849	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3419	Res, 560 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20561
2851	Cap, 10u, 20%, 63V	4822	124	40248	3423	Res, 560 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20561
2852	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3424	Res, 560 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20561
2853	Cap, 10u, 20%, 63V	4822	124	40248	3431	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2854	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3432	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2856	Cap, 150p, 2%, 63v, Ceramic.	5322	122	33538	3437	Res, 4K7, 5%, 1/8W, Metalized Glass.	4822	051	20472
2857	Cap, 150p, 5%, 50v, Ceramic.	4822	122	33753	3438	Res, 470R, 5%, 0,062W.	4822	051	30471
2861	Cap, 10u, 20%, 63V	4822	124	40248	3439	Res, Zero ohm, "Chip" Jumper	4822	051	20008
2862	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3451	Res, 4k7, 5%, 1/16W.	4822	051	30472
2863	Cap, 22u, 50v, Electrolytic Aluminum	4822	124	81151	3453	Res, 4k7, 5%, 1/16W.	4822	051	30472
2864	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3456	Res, 4k7, 5%, 1/16W.	4822	051	30472
2866	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3457	Res, 4k7, 5%, 1/16W.	4822	051	30472
2867	Cap, 1u, +80/-20%, 10v, Ceramic.	3198	017	41050	3458	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2868	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3460	Res, 4k7, 5%, 1/16W.	4822	051	30472
2869	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3461	Res, 4k7, 5%, 1/16W.	4822	051	30472
2871	Cap, 1u, +80/-20%, 10v, Ceramic.	3198	017	41050	3462	Res, 2R2, 5%, 1/3W.	4822	052	10228
2872	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3501	Res, 470K, 5%, 1/8W, Metalized Glass	4822	051	20474
2873	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3502	Res, 10M, 5%, 1/16W, Metalized Glass	3198	021	31060
2874	Res, Zero ohm, "Chip" Jumper	4822	051	30008	3503	Res, 470R, 5%, 0,062W.	4822	051	30471
2876	Res, Zero ohm, "Chip" Jumper	4822	051	30008	3504	Res, 6K8, 5%, 0,062W	4822	051	30682
2877	Res, Zero ohm, "Chip" Jumper	4822	051	30008	3506	Res, 10k, 5%, 1/16W.	4822	051	30103
2878	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3507	Res, 6K8, 1%, 1/8W, Metalized Glass.	4822	117	11507
2879	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3508	Res, 10M, 5%, 1/16W, Metalized Glass	3198	021	31060
2891	Cap, 1nF, 10%, 63V, Ceramic.	5322	122	31647	3509	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2892	Cap, 47pF, 5%, 50V, Ceramic.	4822	126	11785	3510	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2893	Cap, 47pF, 5%, 50V, Ceramic.	4822	126	11785	3801	Res, 220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503
2894	Cap, 47pF, 5%, 50V, Ceramic.	4822	126	11785	3802	Res, 680 ohm, 1%, 1/8W, Metalized Glass.	4822	117	10361
2895	Cap, 47pF, 1%, 63V, Ceramic.	4822	126	13692	3803	Res, 220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503
2896	Cap, 47pF, 1%, 63V, Ceramic.	4822	126	13692	3804	Res, 680 ohm, 5%, 1/16W.	4822	051	30681
2897	Cap, 47pF, 5%, 50V, Ceramic.	4822	126	11785	3805	Res, 220 ohm, 5%, 1/16W.	4822	051	30221
2898	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3806	Res, 680 ohm, 5%, 1/16W.	4822	051	30681
2899	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3807	Res, 220 ohm, 5%, 1/16W.	4822	051	30221
3263	Res, 2K2, 1%, 1/8W, Metalized Glass.	4822	117	11449	3808	Res, 680 ohm, 1%, 1/8W, Metalized Glass.	4822	117	10361
3264	Res, 10K, 1%, 1/8W, Metalized Glass.	4822	117	10833	3809	Res, 220 ohm, 5%, 1/16W.	4822	051	30221
3267	Res, 10 ohm, 5%, 1/8W, Metalized Glass	4822	051	20109	3810	Res, 680 ohm, 5%, 1/16W.	4822	051	30681
3268	Res, 10 ohm, 5%, 1/8W, Metalized Glass	4822	051	20109	3811	Res, 220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503
3270	Res, Zero ohm, "Chip" Jumper	4822	051	20008	3812	Res, 47 ohm, 5%, 1/16W	4822	051	30479
3301	Res, 1k, 5%, 1/16W	4822	051	30102	3813	Res, 150 ohm, 5%, 1/16W.	4822	051	30151
3302	Res, 560 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20561	3814	Res, 22k, 5%, 1/16W.	4822	051	30223
3305	Res, 2K7, 1%, 1/8W, Metalized Glass.	4822	117	12955	3816	Res, 47 ohm, 5%, 1/16W.	4822	051	30479
3311	Res, 27K, 5%, 1/8W, Metalized Glass.	4822	051	20273	3817	Res, 150 ohm, 5%, 1/16W.	4822	051	30151
3312	Res, 10K, 1%, 1/8W, Metalized Glass.	4822	117	10833	3818	Res, 47 ohm, 5%, 1/16W	4822	051	30479
3315	Res, 39K, 1%, 1/8W, Metalized Glass.	4822	117	12708	3821	Res, 150 ohm, 5%, 1/16W.	4822	051	30151

S = Safety Part Be

3822	Res,	4k7, 5%, 1/16W.	4822	051	30472	7337	Transistor,	NPN,	BC847BW	3198	010	42310
3823	Res,	680 ohm, 1%, 1/8W, Metalized Glass.	4822	117	10361	7368	Transistor,	NPN,	BC847BW	3198	010	42310
3824	Res,	Zero ohm, "Chip" Jumper	4822	051	30008	7385	Transistor,	NPN,	BC847BW	3198	010	42310
3825	Res,	220 ohm, 5%, 1/16W.	4822	051	30221	7386	Transistor,	NPN,	BC847BW	3198	010	42310
3826	Res,	3k3, 5%, 1/16W.	4822	051	30332	7401	IC, Digital,	MOS,	HEF4053BT	5322	209	14481
3827	Res,	1k8, 1%, 0.063W	4822	117	12903	7402	IC, Digital,	MOS,	HEF4053BT	5322	209	14481
3828	Res,	220 ohm, 5%, 1/16W.	4822	051	30221	7403	IC, Digital,	MOS,	M62320FP	4822	209	17345
3829	Res,	220 ohm, 5%, 1/16W.	4822	051	30221	7411	Transistor,	NPN,	BC847BW	3198	010	42310
3831	Res,	220 ohm, 5%, 1/16W.	4822	051	30221	7412	Transistor,	NPN,	BC847BW	3198	010	42310
3832	Res,	39K, 5%, 0.062W	4822	051	30393	7421	Transistor,	NPN,	BC857BW	3198	010	42320
3833	Res,	3k3, 5%, 1/16W.	4822	051	30332	7422	Transistor,	NPN,	BC857BW	3198	010	42320
3834	Res,	1k8, 1%, 0.063W	4822	117	12903	7434	Transistor,	BC369.		5322	130	44593
3836	Res,	3k3, 5%, 1/16W.	4822	051	30332	7438	Transistor,	NPN,	BC847BW	3198	010	42310
3837	Res,	1k8, 1%, 0.063W	4822	117	12903	7501	IC, Digital,	MOS,	Z86130-12SSC	9322	147	01668
3838	Res,	39K, 5%, 0.062W	4822	051	30393	7801	IC, Digital,	MOS	DRAM, SAB9083H/N4	9352	639	83557
3839	Res,	220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503	7802	IC, Analog Voltage/Current Regulator,	LD1117V33		9322	123	54687
3846	Res,	220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503	7803	IC, TDA8601T/C1.			4822	209	12776
3854	Res,	100 ohm, 5%, 1/16W.	4822	051	30101	7804	IC, Digital, MOS, Standard Logic,	74HC163	2GW.	9352	457	50115
3856	Res,	5K6, 5%, 1/8W, Metalized Glass.	4822	051	20562	7805	Transistor,	NPN,	BC847BW	3198	010	42310
3857	Res,	10K, 1%, 1/8W, Metalized Glass.	4822	117	10833	7806	Transistor,	NPN,	BC847BW	3198	010	42310
3858	Res,	5K6, 5%, 1/8W, Metalized Glass.	4822	051	20562	7807	Transistor,	NPN,	BC847BW	3198	010	42310
3862	Res,	1R, 5%, 0.33W	4822	052	10108	7808	Transistor,	NPN,	BC847BW	3198	010	42310
3863	Res,	1R, 5%, 0.33W	4822	052	10108	7809	Transistor,	NPN,	BC847BW	3198	010	42310
3865	Res,	3k3, 5%, 1/16W.	4822	051	30332	7810	Transistor,	NPN,	BC847BW	3198	010	42310
3866	Res,	1k, 5%, 1/16W	4822	051	30102	7824	Transistor,	NPN,	BC847BW	3198	010	42310
3868	Res,	1k8, 1%, 0.063W	4822	117	12903	7828	Transistor,	NPN,	BC847BW	3198	010	42310
3869	Res,	3k3, 5%, 1/16W.	4822	051	30332	7832	Transistor,	NPN,	BC847BW	3198	010	42310
3871	Res,	2k2, 5%, 1/16W.	4822	051	30222	7871	Transistor,	NPN,	BC847BW	3198	010	42310
3872	Res,	470R, 5%, 0.062W.	4822	051	30471	7874	Transistor,	NPN,	BC847BW	3198	010	42310
3873	Res,	1k5, 5%, 1/16W.	4822	051	30152	7876	Transistor,	NPN,	BC857BW	3198	010	42320
3874	Res,	1k5, 5%, 1/16W.	4822	051	30152	7891	Transistor,	NPN,	BC847BW	3198	010	42310
3876	Res,	4K7, 5%, 1/8W, Metalized Glass.	4822	051	20472	7892	Transistor,	NPN,	BC847BW	3198	010	42310
3878	Res,	1k, 5%, 1/16W	4822	051	30102	7893	Transistor,	NPN,	BC847BW	3198	010	42310
3879	Res,	220 ohm, 5%, 1/16W.	4822	051	30221	7894	Transistor,	NPN,	BC857BW	3198	010	42320
3881	Res,	Zero ohm, "Chip" Jumper	4822	051	30008	7895	Transistor,	NPN,	BC847BW	3198	010	42310
3884	Res,	680 ohm, 1%, 1/8W, Metalized Glass.	4822	117	10361							
3886	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
3887	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
3888	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
3889	Res,	33 ohm, 5%, 1/16W	4822	051	30339							
3890	Res,	33 ohm, 5%, 1/16W	4822	051	30339							
3891	Res,	33 ohm, 5%, 1/16W	4822	051	30339							
3892	Res,	4K7, 5%, 1/8W, Metalized Glass.	4822	051	20472							
3893	Res,	1k5, 5%, 1/16W.	4822	051	30152							
3894	Res,	2k2, 5%, 1/16W.	4822	051	30222							
3895	Res,	470R, 5%, 0.062W.	4822	051	30471							
3896	Res,	1k5, 5%, 1/16W.	4822	051	30152							
3897	Res,	220 ohm, 5%, 1/16W.	4822	051	30221							
3898	Res,	1k, 5%, 1/16W	4822	051	30102							
4301	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4306	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4309	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4310	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4311	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4312	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4313	Res,	Zero ohm, "Chip" Jumper	4822	051	20008							
4315	Res,	Zero ohm, "Chip" Jumper	4822	051	20008							
4434	Res,	Zero ohm, "Chip" Jumper	4822	051	20008							
4437	Res,	Zero ohm, "Chip" Jumper	4822	051	20008							
4438	Res,	Zero ohm, "Chip" Jumper	4822	051	20008							
4827	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4828	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4831	Res,	220 ohm, 5%, 1/16W.	4822	051	30221							
5261	Coil,	Fixed, 50u6, 10%.	4822	157	11778							
5309	Coil,	680n	4822	157	71334							
5332	Coil,	680n	4822	157	71334							
5333	Coil,	680n	4822	157	71334							
5334	Coil,	680n	4822	157	71334							
5349	Coil,	820n	4822	157	71694							
5350	Coil,	15u.	3198	018	61590							
5351	Coil,	15u.	3198	018	61590							
5401	Coil,	4u7.	2422	535	94637							
5501	Coil,	680n	4822	157	71334							
5816	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5818	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5827	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5834	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5839	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5848	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5849	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5851	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5853	Filter,	L/C, BLM21A121SPT	4822	157	11506							
6412	Diode,	BAS316.	4822	130	11397							
6415	Diode,	BAS316.	4822	130	11397							
6801	Diode,	Reference, UZ3.9B	4822	130	11564							
6802	Diode,	Reference, UZ3.9B	4822	130	11564							
6803	Diode,	BAS316.	4822	130	11397							
7201	Tuner,	V+U PLL	2422	542	90115							
7301	IC,	TDA8887H/N1.	9352	638	72557							
7305	Transistor,	NPN, BC847BW	3198	010	42310							
7307	Transistor,	NPN, BC847BW	3198	010	42310							
7331	Transistor,	NPN, BC857BW	3198	010	42320							
7337	Transistor,	NPN, BC847BW	3198	010	42310							
7368	Transistor,	NPN, BC847BW	3198	010	42310							
7385	Transistor,	NPN, BC847BW	3198	010	42310							
7386	Transistor,	NPN, BC847BW	3198	010	42310							
7401	IC, Digital,	MOS, HEF4053BT	5322	209	14481							
7402	IC, Digital,	MOS, HEF4053BT	5322	209	14481							
7403	IC, Digital,	MOS, M62320FP	4822	209	17345							
7411	Transistor,	NPN, BC847BW	3198	010	42310							
7412	Transistor,	NPN, BC847BW	3198	010	42310							
7421	Transistor,	NPN, BC857BW	3198	010	42320							
7422	Transistor,	NPN, BC857BW	3198	010	42320							
7434	Transistor,	BC369.	5322	130	44593							
7438	Transistor,	NPN, BC847BW	3198	010	42310							
7501	IC, Digital,	MOS, Z86130-12SSC	9322	147	01668							
7801	IC, Digital,	MOS	DRAM, SAB9083H/N4	9352	639	83557						
7802	IC, Analog Voltage/Current Regulator,	LD1117V33	9322	123	54687							
7803	IC, TDA8601T/C1.		4822	209	12776							
7804	IC, Digital, MOS, Standard Logic,	74HC163	9352	457	50115							
7805	Transistor,	NPN, BC847BW	3198	010	42310							
7806	Transistor,	NPN, BC847BW	3198	010	42310							
7807	Transistor,	NPN, BC847BW	3198	010	42310							
7808	Transistor,	NPN, BC847BW	3198	010	42310							
7809	Transistor,	NPN, BC847BW	3198	010	42310							
7810	Transistor,	NPN, BC847BW	3198	010	42310							
7824	Transistor,	NPN, BC847BW	3198	010	42310							
7828	Transistor,	NPN, BC847BW	3198	010	42310							
7832	Transistor,	NPN, BC847BW	3198	010	42310							
7871	Transistor,	NPN, BC847BW	3198	010	42310							
7874	Transistor,	NPN, BC847BW	3198	010	42310							
7876	Transistor,	NPN, BC857BW	3198	010	42320							
7891	Transistor,	NPN, BC847BW	3198	010	42310							
7												

2037	Cap,	82p,	5%,	50V,	Ceramic	3198	016	38290	2529	Cap,	1u,	10%,	10V,	Ceramic	2020	552	96372
2038	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2530	Cap,	1u,	10%,	10V,	Ceramic	2020	552	96372
2039	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2548	Cap,	10u,	20%,	16V,	Electrolytic	3198	030	41090
2040	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2549	Cap,	10u,	20%,	16V,	Electrolytic	3198	030	41090
2052	Cap,	10p,	5%,	50V,	Ceramic	3198	016	31090	2550	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2053	Cap,	10p,	5%,	50V,	Ceramic	3198	016	31090	2552	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2054	Cap,	10p,	5%,	50V,	Ceramic	3198	016	31090	2553	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2055	Cap,	10p,	5%,	50V,	Ceramic	3198	016	31090	2554	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2056	Cap,	10p,	5%,	50V,	Ceramic	3198	016	31090	2555	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2057	Cap,	10p,	5%,	50V,	Ceramic	3198	016	31090	2562	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2100	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2563	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2101	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2564	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2102	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2565	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2103	Cap,	10u,	20%,	16V,	Electrolytic	2020	021	91854	2566	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2104	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2567	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2105	Cap,	1n,	10%,	50V,	Ceramic	3198	017	31020	2568	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2106	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2569	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2107	Cap,	1n,	10%,	50V,	Ceramic	3198	017	31020	2570	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2108	Cap,	1n,	10%,	50V,	Ceramic	3198	017	31020	2571	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2109	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2574	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2110	Cap,	10u,	20%,	16V,	Electrolytic	2020	021	91854	2575	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2111	Cap,	1n,	10%,	50V,	Ceramic	3198	017	31020	2576	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2112	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2577	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2302	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2578	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2303	Cap,	10n,	10%,	50V,	Ceramic	3198	017	01030	2579	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2312	Cap,	33n,	5%,	50V,	Ceramic	2020	552	96659	2582	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2312	Cap,	33n,	5%,	16V,	Ceramic	2222	781	11569	2583	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2340	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010	2584	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2342	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2585	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2350	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2586	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2351	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2590	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2352	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2592	Cap,	1n,	10%,	50V,	Ceramic	3198	017	31020
2356	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2593	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2357	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2594	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2358	Cap,	3n3,	10%,	50V,	Ceramic	3198	017	33320	2595	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2361	Cap,	1p2,	21%,	50V,	Ceramic	3198	016	31280	2609	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2362	Cap,	12p,	5%,	50V,	Ceramic	3198	016	31290	2610	Cap,	2n2,	10%,	50V,	Ceramic	3198	017	32220
2365	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2611	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2366	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2632	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856
2367	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2634	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2368	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2640	Cap,	220n,	+80/-20%,	16V,	Ceramic	3198	017	42240
2369	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2643	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856
2370	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2644	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2371	Cap,	4n7,	10%,	50V,	Ceramic	3198	017	34720	2645	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856
2372	Cap,	1u,	+80/-20%,	16V,	Ceramic	3198	017	21050	2646	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250
2373	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2649	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250
2374	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250	2651	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2375	Cap,	22n,	10%,	25V,	Ceramic	3198	017	32230	2652	Cap,	47p,	5%,	50V,	Ceramic	3198	016	34790
2376	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2653	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856
2377	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010	2654	Cap,	470p,	5%,	50V,	Ceramic	3198	016	34710
2378	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2659	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2384	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2660	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2388	Cap,	33n,	10%,	16V,	Ceramic	3198	017	33330	2661	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856
2389	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250	2662	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856
2390	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2663	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2391	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2664	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2394	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250	2665	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010
2395	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2666	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010
2396	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2667	Cap,	3p3,	8%,	50V,	Ceramic	3198	016	33380
2397	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2668	Cap,	3p3,	8%,	50V,	Ceramic	3198	016	33380
2399	Cap,	47p,	5%,	50V,	Ceramic	3198	016	34790	2670	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2401	Cap,	10n,	10%,	50V,	Ceramic	3198	017	31030	2673	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2404	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250	2674	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2405	Cap,	4n7,	10%,	50V,	Ceramic	3198	017	34720	2677	Cap,	10u,	20%,	16V,	Electrolytic	3198	030	41090
2411	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2678	Cap,	10u,	20%,	16V,	Electrolytic	3198	030	41090
2412	Cap,	4n7,	10%,	50V,	Ceramic	3198	017	34720	2679	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2413	Cap,	47u,	20%,	16V,	Electrolytic	3198	030	44790	2680	Cap,	10u,	20%,	16V,	Electrolytic	3198	030	41090
2418	Cap,	12p,	5%,	50V,	Ceramic	3198	016	31290	2681	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2420	Cap,	150p,	5%,	50V,	Ceramic	3198	016	31510	2682	Cap,	10u,	20%,	16V,	Electrolytic	3198	030	41090
2422	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2686	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2425	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010	2687	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2501	Cap,	47p,	5%,	50V,	Ceramic	3198	016	34790	2690	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2502	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856	2691	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2503	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856	2693	Cap,	220p,	5%,	50V,	Ceramic	3198	016	32210
2504	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856	2694	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2505	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856	2695	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010
2506	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856	2697	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2507	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856	2698	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250
2508	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010	2709	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2510	Cap,	1u,	10%,	16V,	Ceramic	2020	552	96448	2710	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2511	Cap,	1u,	10%,	16V,	Ceramic	2020	552	96448	2711	Cap,	100n,	10%,	16V,				

S = Safety Part Be sure to use exact replacement part.

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3745	Res, 1K, 5%, 1/16W, Metalized Glass. . .	3198 021 31020	5726	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3746	Res, 3K9, 5%, 1/16W, Metalized Glass. . .	3198 021 33920	5727	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3747	Res, 150K, 5%, 1/16W, Metalized Glass. . .	3198 021 31540	5728	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3748	Res, 220K, 5%, 1/16W, Metalized Glass. . .	3198 021 32240	5729	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3749	Res, 3K9, 5%, 1/16W, Metalized Glass. . .	3198 021 33920	5731	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3750	Res, 3K3, 5%, 1/16W, Metalized Glass. . .	3198 021 33320	5736	Coil, 6u8.	3198 018 36880
3751	Res, 4K7, 5%, 1/16W, Metalized Glass. . .	3198 021 34720	5737	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3752	Res, 1 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31080	5738	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3753	Res, 1 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31080	5742	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3754	Res, 100 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31010	5743	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3755	Res, 4K7, 5%, 1/16W, Metalized Glass. . .	3198 021 34720	5744	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3756	Res, 8K2, 5%, 1/16W, Metalized Glass. . .	3198 021 38220	5900	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3757	Res, 47 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 34790	5901	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3758	Res, 4K7, 5%, 1/16W, Metalized Glass. . .	3198 021 34720	5902	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3759	Res, 220 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 32210	5903	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3762	Res, 100 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31010	5904	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3763	Res, 22 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 32290	5910	Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3764	Res, 10 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31090	5911	Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3771	Res, 15 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31590	5912	Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3772	Res, 15 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31590	5913	Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3773	Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5914	Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3774	Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5915	Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3781	Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5917	Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3782	Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5918	Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3783	Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5919	Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3792	Res, 1K, 5%, 1/16W, Metalized Glass. . .	3198 021 31020	5920	Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3793	Res, 2K2, 5%, 1/16W, Metalized Glass. . .	3198 021 32220	6001	Diode, Signal, BAT54.	3198 010 10660
3794	Res, 15 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31590	6002	Diode, Signal, BAS316.	3198 010 10630
3795	Res, 33 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 33390	6003	Diode, Signal, BAT54.	3198 010 10660
3804	Res, 1K, 5%, 1/16W, Metalized Glass. . .	3198 021 31020	6004	Diode, Signal, BAT54.	3198 010 10660
5150	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6005	Diode, Regulator, PLVA2650A.	9340 309 70215
5151	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6320	Diode, Signal, BAS316.	3198 010 10630
5152	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6321	Diode, Signal, BAS316.	3198 010 10630
5153	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6322	Diode, Signal, BAS316.	3198 010 10630
5154	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6652	Zener Diode, 10V.	3198 020 51090
5155	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6657	Zener Diode, 2.7 volt.	9340 548 43115
5303	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	6658	Diode, Signal, BAS316.	3198 010 10630
5304	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	6926	Zener Diode, 8.2V.	3198 020 58280
5305	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	6956	Zener Diode, 8.2V.	3198 020 58280
5306	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	6957	Zener Diode, 8.2V.	3198 020 58280
5307	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7001	IC, TV System Controller, QFP120, SAA5801 H/015.	9352 684 81557
5308	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7002	Transistor, NPN, BC857BW.	3198 010 42320
5309	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7003	Transistor, NPN, BC847BW.	3198 010 42310
5310	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7004	Transistor, NPN, BC847BW.	3198 010 42310
5311	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7005	IC, Adj. Pos. Voltage Regulator.	9322 116 74668
5402	Coil, 8u2.	3198 018 38280	7006	IC, CMOS Flash Memory, TC58FVMT2ATG65.	9322 194 83671
5404	Inductor, Fixed, EMI, 120 ohm@100MHZ.	2422 535 95427	7007	IC, CMOS 16 Bit Dynamic RAM, MSM51V18165F.	9322 157 20668
5405	Inductor, Fixed, EMI, 120 ohm@100MHZ.	2422 535 95427	7007	IC, CMOS 16-Bit Dynamic RAM, IS41LV16100.	9322 200 55668
5406	Res, Zero ohm, 'Chip' Jumper.	3198 021 90020	7008	Transistor, NPN, BC847BW.	3198 010 42310
5408	IND VAR SM 5CCB 91MHZ PM R.	2422 549 44875	7009	Transistor, NPN, BC847BW.	3198 010 42310
5409	IND FXD 0603 EMI 100MHZ 120R R.	2422 549 42893	7010	Transistor, NPN, BC857BW.	3198 010 42320
5409	Inductor, Fixed, 100MHZ, 120R.	2422 549 42896	7011	IC, M24C32-WMN6.	9322 124 74668
5411	Coil, 330n.	3198 018 33370	7013	Transistor, NPN, BC847BW.	3198 010 42310
5415	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7014	Transistor, NPN, BC857BW.	3198 010 42320
5416	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7015	Transistor, NPN, PMBT2369.	3198 010 43360
5417	Coil, 33u.	3198 018 33390	7016	Transistor, NPN, PMBT2369.	3198 010 43360
5651	Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7100	IC, 3.3V Prog. LVDS Transmitter, DS90C385.	9322 159 45668
5652	Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7305	Transistor, NPN, BC847BW.	3198 010 42310
5653	Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7312	Transistor, NPN, PDC144EU.	3198 010 44330
5654	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7320	Transistor, NPN, BC847BW.	3198 010 42310
5655	Coil, 22u.	3198 018 32290	7322	Transistor, NPN, BC847BW.	3198 010 42310
5656	Coil, 6u8.	3198 018 36880	7323	IC, IIC-Bus Controlled TV Processor.	9352 625 24518
5657	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7375	Transistor, NPN, BC847BW.	3198 010 42310
5658	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7402	Transistor, NPN, BC847BW.	3198 010 42310
5659	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7404	Transistor, NPN, BC847BW.	3198 010 42310
5660	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7408	Transistor, PNP, BC857B.	3198 010 42150
5661	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7409	Transistor, PNP, BC857B.	3198 010 42150
5662	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7410	Transistor, NPN, BC847BW.	3198 010 42310
5663	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7411	Transistor, NPN, BC847B.	3198 010 42030
5664	Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7651	IC, Multi-standard Sound Processor, MSP34 21G.	9322 183 23671
5665	Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7654	Transistor, NPN, BC847BS.	9340 425 20115
5666	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7664	Transistor, NPN, BC847BPN.	9340 425 30115
5667	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7665	Transistor, NPN, BC847BPN.	9340 425 30115
5668	Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7666	Transistor, NPN, BC847BPN.	9340 425 30115
5669	Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7668	Transistor, NPN, BC857BW.	3198 010 42320
5670	Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7674	Transistor, NPN, BC847BW.	3198 010 42310
5671	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7675	Transistor, NPN, BC847BS.	9340 425 20115
5672	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7678	Transistor, NPN, BC847BS.	9340 425 20115
5706	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7679	Transistor, NPN, BC847BS.	9340 425 20115
5707	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7681	IC, LP/LN Operational Amplifier.	9322 060 73668
5710	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7682	Transistor, NPN, BC847B.	3198 010 42030
5711	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7706	IC, Digital, LF25CDT.	9322 142 88668
5712	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7706	IC, Voltage Regulator w/Inhibit.	9322 164 71668
5713	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7707	Transistor, NPN, BC847B.	3198 010 42030
5714	Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90080	7708	Transistor, NPN, BC847B.	3198 010 42030
5716	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7709	Transistor, NPN, BC847B.	3198 010 42030
5717	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7710	Transistor, NPN, BC847B.	3198 010 42030
5718	Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7711	IC Socket, 32 Pin, V, F.	2422 486 80938
5719	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7711	IC, 512 Kbit EPOM, M27C512.	9322 127 85668
5721	Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90080	7712	IC, Octal D-type Transparent Latch.	9351 870 00118
5722	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090			
5724	Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090			

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7713	IC, PICNIC, SAA4978H	9352	688	09557
7714	IC, (2) 2Mbit FIFO Memory, MS81V04160A-25 TB.	9322	192	96702
7715	Transistor, NPN, PMBT2369.	3198	010	43360
7717	IC, 3M-bit FIFO Memory, MSM54V12222B	9322	183	81668
7718	IC, Field/Line Rate Converter, SAA4993H.	9352	695	58557
7719	IC, 3M-bit FIFO Memory, MSM54V12222B	9322	183	81668
7722	IC, (2) 2Mbit FIFO Memory, MS81V04160A-25 TB.	9322	192	96702
7723	IC, (2) 2Mbit FIFO Memory, MS81V04160A-25 TB.	9322	192	96702
7724	IC, EAGLE - Video Enhancment Processor, T 8F24EF	9322	188	08702
7725	Transistor, NPN, PMBT2369.	3198	010	43360
7726	IC, Adj. Pos. Volt. Reg., LD1117DT33	9322	134	45668
7727	IC, Low Drop Volt. Reg. w/Inhibit, LF15AB DT.	9322	170	14668
7734	IC, Inverter, LVLP, 74LVC1G04.	3198	010	70390
7735	IC, D-type flip-flop, 74LVC1G79.	9352	686	75125
9008	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9009	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9010	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9011	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9012	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9013	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9014	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9302	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9303	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9304	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9313	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9322	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9401	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9403	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9406	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9407	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9410	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9413	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9414	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9416	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9417	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9520	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9522	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9603	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9604	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9610	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9611	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9632	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9642	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9645	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9652	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9676	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9677	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9682	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9683	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9684	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9685	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9686	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9687	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9688	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9689	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9691	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9692	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9702	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9703	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9704	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9712	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9714	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9716	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9717	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9718	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9719	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9721	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9723	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9725	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9729	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9731	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9733	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9735	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9739	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9740	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9741	Res, Network, 4x10 ohm, 5%	3198	031	11090
9744	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9747	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9754	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9760	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9761	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9762	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9763	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9764	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9765	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9768	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9769	Res, Zero ohm, 'Chip' Jumper	3198	021	90030

S = Safety Part Be sure to use exact replacement part.

9901	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9902	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9903	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9904	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9905	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9906	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9907	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9908	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9909	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9919	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9920	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9921	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9925	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9927	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9928	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9929	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9935	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9937	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9938	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9939	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9944	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9945	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9946	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9947	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9948	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9949	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9950	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9951	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9952	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9953	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9954	Res, Zero ohm, 'Chip' Jumper	3198	021	90030

Scaler Board MSB Panel

Scaler Board MSB Panel				
0300	Connector, 64 Pin, BM, M	2422	025	17714
0303	Socket, DVI Connector, H, 24 Pin, F.	2422	033	00484
0305	Socket, DVI Connector, H, 24 Pin, F.	2422	033	00484
0308	Phono Jack Board, 4 Plugs, Red & White	2422	026	05422
0310	Sub-D Connector, 15 Pin, BM, F.	2422	025	17027
0311	Phono Jack Board, 6 Plugs, Red , Blue, Gr eent	2422	026	05421
0315	Connector, 5 Pin, M, IDE	2422	025	17931
1100	Connector, V, F, 16 Pin.	2422	025	17202
1101	Connector, 4 Pin	2422	025	12479
1105	Connector, 10 Pin, V, M.	2422	021	98888
1106	Connector, 10 Pin, V, M.	2422	021	98888
1152	Scaler Board MSB Panel Assembly.	3122	357	22272
1300	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1301	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1302	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1303	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1401	Connector, V, 10 Pin,, F.	2422	025	16729
1501	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1502	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1503	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1504	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1505	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1700	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1701	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1702	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1703	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
2101	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2102	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2103	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2104	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2105	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2106	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2107	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2108	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2109	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2110	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2111	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2121	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2122	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2138	Cap, 220p, 5%, 50V, Ceramic	3198	016	32210
2139	Cap, 470n, +80/-20%, 10V, Ceramic.	3198	017	44740
2151	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2152	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2153	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2154	Cap, 47n, 10%, 16V, Ceramic	3198	017	34730
2155	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2156	Cap, 47n, 10%, 16V, Ceramic	3198	017	34730
2157	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2158	Cap, 47n, 10%, 16V, Ceramic	3198	017	34730
2159	Cap, 4p7, 5%, 50V, Ceramic	3198	016	34780
2160	Cap, 10u, 20%, 16V, Electrolytic	3198	030	41090
2161	Cap, 100u, 20%, 6.3V, Electrolytic	2020	012	93793
2170	Cap, 10u, 20%, 16V, Electrolytic	3198	030	41090
2171	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2172	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2173	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2174	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040

S = Safety Part Be sure to use exact replacement part.

S = Safety Part Be sure to use exact replacement part.

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5582	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	5759	IC, Triple 2 Ch. Analog Multiplex/Demulti			
5583	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	plexer		9337	153	20118
5584	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7592	IC, Ultra Fast Comparator, TL3016.	9322	125	63668
5585	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7593	IC, Hex Inverting Schmitt-trigger, 74LVC1			
5633	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	4A.		9352	607	39118
5710	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7594	Transistor, NPN, BC847BW	3198	010	42310
5711	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7633	IC, Serial EEPROM.	9322	046	99668
5712	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7710	IC, Wide Band Analog Switch, M52758FP.	9322	185	90668
5715	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7715	Transistor, NPN, BC847BW	3198	010	42310
5724	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7716	Transistor, NPN, BC847BW	3198	010	42310
5746	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7717	Transistor, NPN, BC847BW	3198	010	42310
5747	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7725	Transistor, NPN, BC847BW	3198	010	42310
5749	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7746	IC, HDPC Panellink Receiver, SII169CT100	9322	185	79668
5751	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7747	IC, Serial EEPROM.	9322	046	99668
5780	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7749	Transistor, N-Ch. Enhancement FET.	9339	663	40215
5830	Coil, 22u.	2422	535	95278	7750	Transistor, N-Ch. Enhancement FET.	9339	663	40215
5860	Coil, 22u.	2422	535	95278	7820	IC, Adj. Step Down PWM Controller, L6910	9322	182	77668
5890	Coil, 22u.	2422	535	95278	7830	Transistor, Dual N-Ch. MOSFET, SI4936ADY	9322	160	70668
5892	Coil, 22u.	2422	535	95278	7850	IC, Adj. Step Down PWM Controller, L6910	9322	182	77668
6220	Diode, Signal, BAV99	3198	010	10620	7860	Transistor, Dual N-Ch. MOSFET, SI4936ADY	9322	160	70668
6221	Diode, Signal, BAV99	3198	010	10620	7870	IC, Adj. Pos. Volt. Reg., LD1117DT	9322	144	97668
6405	Diode, Signal, BAT54	3198	010	10660					
6485	Diode, Signal, BAT54	3198	010	10660					
6581	Diode, Signal, BAS316.	3198	010	10630					
6630	Zener Diode, 6.8V.	3198	020	56880					
6631	Zener Diode, 6.8V.	3198	020	56880					
6632	Zener Diode, 6.8V.	3198	020	56880					
6633	Zener Diode, 33V	3198	020	53390					
6634	Zener Diode, 33V	3198	020	53390					
6635	Zener Diode, 33V	3198	020	53390					
6636	Zener Diode, 33V	3198	020	53390					
6637	Zener Diode, 6.8V.	3198	020	56880					
6638	Zener Diode, 6.8V.	3198	020	56880					
6639	Zener Diode, 6.8V.	3198	020	56880					
6640	Zener Diode, 6.8V.	3198	020	56880					
6641	Zener Diode, 6.8V.	3198	020	56880					
6642	Zener Diode, 6.8V.	3198	020	56880					
6643	Zener Diode, 6.8V.	3198	020	56880					
6710	Zener Diode, 6.8V.	3198	020	56880					
6711	Zener Diode, 6.8V.	3198	020	56880					
6712	Zener Diode, 6.8V.	3198	020	56880					
6745	Diode, Signal, BAV99	3198	010	10620					
6746	Diode, Signal, BAV99	3198	010	10620					
6747	Diode, Signal, BAV99	3198	010	10620					
6748	Diode, Signal, BAV99	3198	010	10620					
6749	Diode, Signal, BAV99	3198	010	10620					
6750	Diode, Signal, BAV99	3198	010	10620					
6751	Zener Diode, 6.8V.	3198	020	56880					
6752	Zener Diode, 6.8V.	3198	020	56880					
6753	Diode, Signal, BAV99	3198	010	10620					
6754	Diode, Signal, BAV99	3198	010	10620					
6755	Diode, Signal, BAS316.	3198	010	10630					
6756	Diode, Signal, BAS316.	3198	010	10630					
6757	Zener Diode, 33V	3198	020	53390					
6758	Zener Diode, 33V	3198	020	53390					
6759	Zener Diode, 33V	3198	020	53390					
6760	Zener Diode, 33V	3198	020	53390					
6761	Zener Diode, 6.8V.	3198	020	56880					
6820	Diode, Signal, BAS316.	3198	010	10630					
6830	Diode, Rect, PRLL5819	9339	680	20115					
6850	Diode, Signal, BAS316.	3198	010	10630					
6860	Diode, Rect, PRLL5819	9339	680	20115					
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7137	IC, Volt Det. w/Prog. Delay, NCP303LS09.	9322	186	29685					
7160	IC, Adj. Pos. Volt. Reg., LD1117DT33	9322	134	45668					
7170	IC, 140 MSPS Analog Interface, AD9883A	9322	181	72671					
7195	IC, 100 MSPS, 3V A/D Converter, AD9283	9322	197	13668					
7255	IC, Serial Conf. Flash Memory, 1Mbit, EPC								
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7260	IC, Serial Conf. f/APEX & FLEX Dev., EPC2	9322	141	53682					
7295	IC, Digital Transmitter, SII160CT100	9322	171	04671					
7345	IC, 205 MSPS Analog FP Interface, AD9888	9322	179	30671					
7346	IC, Adj. Pos. Voltage Regulator.	9322	116	74668					
7347	IC, Quad Buffer/Driver, 74LVC125AD	9352	317	00118					
7405	IC, M24C32-WMN6.	9322	124	74668					
7406	IC, 64k x 16-bit Static RAM, CY62126BV	9322	164	75682					
7407	IC, PW181 Image Processor, PW181-10Q	9322	184	01671					
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7487	Transistor, NPN, BC847BW	3198	010	42310					
7490	Transistor, NPN, BC847BW	3198	010	42310					
7491	Transistor, NPN, BC847BW	3198	010	42310					
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7582	Transistor, NPN, BC847BW	3198	010	42310					
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S = Safety Part Be sure to use exact replacement part.

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REFER TO SAFETY GUIDELINES

SAFETY NOTICE: ANY PERSON ATTEMPTING TO SERVICE THIS CHASSIS MUST FAMILIARIZE HIMSELF WITH THE CHASSIS AND BE AWARE OF THE NECESSARY SAFETY PRECAUTIONS TO BE USED WHEN SERVICING ELECTRONIC EQUIPMENT CONTAINING HIGH VOLTAGES.

CAUTION: USE A SEPARATE ISOLATION TRANSFORMER FOR THIS UNIT WHEN SERVICING

LAMP DRIVER PANEL

LAMP DRIVER PANEL

LAMP DRIVER PANEL 9137 001 77405

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3D Comb Filter Panel Parts

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3033 Res, 150 ohm, 5%, 1/16W, Metalized Glass	3198 021 31510
3034 Res, 180 ohm, 5%, 1/16W, Metalized Glass	3198 021 31810
3035 Res, 180 ohm, 5%, 1/16W, Metalized Glass	3198 021 31810
3036 Res, 270 ohm, 5%, 1/16W, Metalized Glass	3198 021 32710
3037 Res, 470 ohm, 5%, 1/16W, Metalized Glass	3198 021 34710
3038 Res, 10 ohm, 5%, 1/16W, Metalized Glass.	3198 021 31090
3039 Res, 10 ohm, 5%, 1/16W, Metalized Glass.	3198 021 31090
3040 Res, 470 ohm, 5%, 1/16W, Metalized Glass	3198 021 34710
3041 Res, 820 ohm, 5%, 1/16W, Metalized Glass	3198 021 38210
3042 Res, 3K3, 1%, 1/16W, Metalized Glass	2322 704 73302
3043 Res, 1K5, 5%, 1/16W, Metalized Glass	3198 021 31520
3044 Res, 10 ohm, 5%, 1/16W, Metalized Glass.	3198 021 31090
3055 Res, 220 ohm, 5%, 1/16W, Metalized Glass	3198 021 32210
3056 Res, 1K, 5%, 1/16W, Metalized Glass.	3198 021 31020
3057 Res, 2K2, 5%, 1/16W, Metalized Glass	3198 021 32220
3058 Res, 220K, 5%, 1/16W, Metalized Glass.	3198 021 32240
3059 Res, 27K, 5%, 1/16W, Metalized Glass	3198 021 32730
3060 Res, 470 ohm, 5%, 1/16W, Metalized Glass	3198 021 34710
3061 Res, 4K7, 5%, 1/16W, Metalized Glass	3198 021 34720
3065 Res, 560 ohm, 5%, 1/16W, Metalized Glass	3198 021 35610
3067 Res, 47 ohm, 5%, 1/16W, Metalized Glass.	3198 021 34790
3068 Res, 47 ohm, 5%, 1/16W, Metalized Glass.	3198 021 34790
3069 Res, 100K, 5%, 1/16W, Metalized Glass.	3198 021 31040
3071 Res, 1K5, 5%, 1/16W, Metalized Glass	3198 021 31520
3072 Res, 2K7, 5%, 1/16W, Metalized Glass	3198 021 32720
3073 Res, 330 ohm, 5%, 1/16W, Metalized Glass	3198 021 33310
3074 Res, 330 ohm, 5%, 1/16W, Metalized Glass	3198 021 33310
3076 Res, 1K, 5%, 1/16W, Metalized Glass.	3198 021 31020
3077 Res, 220 ohm, 5%, 1/16W, Metalized Glass	3198 021 32210
3082 Res, 47 ohm, 5%, 1/16W, Metalized Glass.	3198 021 34790
3083 Res, 47 ohm, 5%, 1/16W, Metalized Glass.	3198 021 34790
3085 Res, 470 ohm, 5%, 1/16W, Metalized Glass	3198 021 34710
3088 Res, 1K, 5%, 1/16W, Metalized Glass.	3198 021 31020
3089 Res, 150 ohm, 5%, 1/16W, Metalized Glass	3198 021 31510
3091 Res, 10 ohm, 5%, 1/16W, Metalized Glass.	3198 021 31090
3095 Res, 100K, 5%, 1/16W, Metalized Glass.	3198 021 31040
3096 Res, 180 ohm, 5%, 1/16W, Metalized Glass	3198 021 31810
3097 Res, 1K8, 5%, 1/16W, Metalized Glass	3198 021 31820
3098 Res, 5K6, 5%, 1/16W, Metalized Glass	3198 021 35620
3099 Res, 470 ohm, 5%, 1/16W, Metalized Glass	3198 021 34710
3100 Res, 1K, 5%, 1/16W, Metalized Glass.	3198 021 31020
3101 Res, 1K, 5%, 1/16W, Metalized Glass.	3198 021 31020
3102 Res, 100 ohm, 5%, 1/16W, Metalized Glass	3198 021 31010
3103 PTC, 6V, 1R3	2122 662 00139
3104 PTC, 6V, 1R3	2122 662 00139
3105 Res, 560 ohm, 5%, 1/16W, Metalized Glass	3198 021 35610
5000 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5001 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5003 Filter, Fixed, 14M3.	2422 549 44784
5004 Filter, Fixed, 14M3.	2422 549 44784
5005 Coil, 10u.	3198 018 41090
5006 Filter, Fixed, 14M3.	2422 549 44785
5007 Coil, 10u.	3198 018 41090
5008 Coil, 22u.	3198 018 72290
5009 Coil, 22u.	3198 018 72290
5010 Coil, 15u.	2422 535 94758
5011 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5012 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5013 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5014 Inductor, Fixed, 100Mhz, 30 ohm	3198 018 90060
5015 Inductor, Fixed, 100Mhz, 30 ohm	3198 018 90060
5017 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5019 Coil, 10u.	3198 018 41090
5020 Coil, 10u.	3198 018 41090
5021 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5022 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5024 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5025 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5027 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5028 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5029 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
5030 Inductor, Fixed, 100Mhz, 120 ohm	3198 018 90070
6000 Diode, Signal, BAV99	3198 010 10620
6001 Diode, Signal, BAV99	3198 010 10620
6002 Diode, Signal, BAV99	3198 010 10620
6003 LED, VS, TLMH3100.	9322 072 71685

S = Safety Part Be sure to use exact replacement part.

6004 Diode, Rect, S1D.	9322 128 69685	2352 Cap, 1000u, 20%, 10V, Electrolytic	2020 021 91814
6005 Diode, Rect, S1D.	9322 128 69685	2353 Cap, 22u, 20%, 35V, Electrolytic	2020 021 91811
6006 Diode, Signal, 1PS76SB10	9340 453 90115	2354 Cap, 22u, 20%, 100V, Electrolytic.	2020 021 91813
6007 Diode, Signal, BAS17	9335 262 30215	2355 Cap, 1u, 20%, 100V, Electrolytic	2020 021 91812
7000 Transistor, NPN, BC847B.	9335 895 90215	2356 Cap, 100p, 10%, 500V, Ceramic.	3198 019 41010
7001 Transistor, PNP, BC857B.	9335 897 60215	2357 Cap, 1500u, 20%, 25V, Electrolytic	2020 021 91806
7002 Transistor, NPN, BF570	9338 144 20215	2358 Cap, 1000u, 20%, 25V, Electrolytic	2020 021 91805
7003 Transistor, PNP, BC857B.	9335 897 60215	2360 Cap, 1500u, 20%, 25V, Electrolytic	2020 021 91806
7004 Transistor, NPN, BC847B.	9335 895 90215	2361 Cap, 1000u, 20%, 25V, Electrolytic	2020 021 91805
7005 Transistor, PNP, BC857B.	9335 897 60215	2362 Cap, 470p, 10%, 1KV, Ceramic	3198 019 54710
7006 Transistor, NPN, BF570	9338 144 20215	2363 Cap, 470u, 20%, 50V, Electrolytic.	2020 021 91809
7007 Transistor, PNP, BC857B.	9335 897 60215	2364 Cap, 470u, 20%, 50V, Electrolytic.	2020 021 91809
7008 Transistor, NPN, BC847B.	9335 895 90215	2365 Cap, 1u, 20%, 100V, Electrolytic	2020 021 91812
7009 Transistor, PNP, BC857B.	9335 897 60215	2366 Cap, 1000u, 20%, 10V, Electrolytic	2020 021 91814
7010 Transistor, NPN, BC847B.	9335 895 90215	2367 Cap, 22u, 20%, 35V, Electrolytic	2020 021 91811
7011 Transistor, NPN, BC847B.	9335 895 90215	3221 Res, 33K, 5%, 1W, Metal Film	3198 012 13330
7012 Transistor, PNP, BF550	9334 509 00215	3222 Res, 100 ohm, 5%, 2W, Metal Film	2120 105 93422
7015 Transistor, NPN, BC847B.	9335 895 90215	3223 Res, 1K, 5%, 1/10W, Metalized Glass.	3198 021 51020
7016 Transistor, PNP, BC857B.	9335 897 60215	3224 Res, 470 ohm, 5%, 1/6W, Carbon Film.	3198 011 04710
7017 Transistor, NPN, BC847B.	9335 895 90215	3226 Res, 10K, 5%, 1/10W, Metalized Glass.	3198 021 51030
7019 IC, LM809M3-3.08	9322 163 48668	3227 Res, 33 ohm, 5%, 2W, Metal Film.	2120 105 93418
7020 Transistor, NPN, BC847B.	9335 895 90215	3228 Res, 100K, 5%, 1/10W, Metalized Glass.	3198 021 51040
7021 IC, LD1117DT33	9322 134 45668	3229 Res, 47 ohm, 5%, 1/10W, Metalized Glass.	3198 021 54790
7022 IC, LD1117DT25	9322 160 50668	3230 Res, 33 ohm, 5%, 2W, Metal Film.	2120 105 93418
7023 IC, UPD64083GF	9322 170 65671	3231 Res, 33K, 5%, 1/6W, Carbon Film.	3198 011 03330

Main Power Panel Parts

Main Power Panel Parts			
0218 Insulator, SP900, 19.0x27.9x0.23	3135 010 02331	3232 Res, 10K7, 1%, 3/5W, Metal Film.	2312 915 11073
0219 Clip, Transistor	3135 011 02681	3238 Res, 10K, 1%, 3/5W, Metal Film	2312 915 11003
0220 Spring Clip.	3139 121 24583	3252 Res, 22 ohm, 1%, 3/5W, Metal Film.	2312 915 12209
0221 Spring Clip.	3139 121 24583	3253 Res, 27K, 1%, 3/5W, Metal Film	2312 915 12703
0300 Insulator, SP900, 19.0x27.9x0.23	3135 010 02331	3254 Res, 4K7, 1%, 1/8W, Metalized Glass.	2322 734 64702
0301 Clip, Transistor	3135 011 02681	3255 Res, 33K, 5%, 1/6W, Carbon Film.	3198 011 03330
0302 Spring Clip.	3139 121 24583	3256 Res, 1K, 5%, 1/6W, Carbon Film	3198 011 01020
0305 Spring Clip.	3139 121 24583	3257 Res, 1K, 5%, 1/6W, Carbon Film	3198 011 01020
0306 Spring Clip.	3139 121 24583	3259 Res, 680 ohm, 5%, 1/6W, Carbon Film.	3198 011 06810
1206 Connector, 1 Pin	2422 015 18552	3260 Res, 2K2, 5%, 1/6W, Carbon Film.	3198 011 02220
1218 Heatsink	3135 031 60071	3321 Res, 22K, 5%, 1W, Metal Film	3198 012 12230
1219 Heatsink, Dual T0-220.	3135 031 60133	3322 Res, 100 ohm, 5%, 2W, Metal Film	2120 105 93422
1300 Heatsink	3135 031 60071	3323 Res, 1K, 5%, 1/10W, Metalized Glass.	3198 021 51020
1302 Heatsink, Dual T0-220.	3135 031 60133	3324 Res, 470 ohm, 5%, 1/6W, Carbon Film.	3198 011 04710
1305 Heatsink, Dual T0-220.	3135 031 60133	3325 Res, 33 ohm, 5%, 2W, Metal Film.	2120 105 93418
1311 Connector, 6 Pin, BM, V, M	2422 025 14044	3326 Res, 8K2, 5%, 1/10W, Metalized Glass	3198 021 58220
1312 Connector, 7 Pin	2422 025 11244	3327 Res, 10K, 5%, 1/10W, Metalized Glass	3198 021 51030
1313 Connector, 8 Pin, BM, V, M	2422 025 10648	3328 Res, 2K7, 1%, 1/8W, Metalized Glass.	2322 734 62702
1314 Connector, 9 Pin, BM, V, M	2422 025 12827	3329 Res, 150 ohm, 5%, 1/6W, Carbon Film.	3198 011 01510
1315 Connector, 10 Pin, BM, V, M.	2422 025 15085	3330 Res, 220 ohm, 5%, 1 1/3W, Metal Film	3198 012 22210
2220 Cap, 100u, 20%, 400V, Electrolytic	2020 021 91759	3331 Res, 270 ohm, 5%, 1/10W, Metalized Glass	3198 021 52710
S 2221 Cap, 470p, 10%, 250V, Ceramic.	2020 554 90169	3332 Res, 56K, 5%, 1/10W, Metalized Glass	3198 021 55630
2222 Cap, 1n, 10%, 1KV, Ceramic	2020 558 90557	3333 Res, 6R8, 1%, 3/5W, Metal Film	2312 915 16808
2223 Cap, 470p, 5%, 50V, Ceramic.	3198 016 04710	3334 Res, 1K, 5%, 1/10W, Metalized Glass.	3198 021 51020
2226 Cap, 1n, 10%, 1KV, Ceramic	2020 558 90557	3335 Res, 100K, 5%, 1/10W, Metalized Glass.	3198 021 51040
2227 Cap, 22u, 20%, 35V, Electrolytic	2020 021 91811	3336 Res, 100 ohm, 5%, 1/6W, Carbon Film.	3198 011 01010
2227 Cap, 22u, 20%, 35V, Electrolytic	2020 021 91811	3338 Res, 10K, 1%, 3/5W, Metal Film	2312 915 11003
2233 Cap, 330p, 10%, 1KV, Ceramic	3198 019 63310	3339 Res, 1K, 5%, 1/3W, Metal Film.	3198 012 21020
2235 Cap, 1n, 10%, 1KV, Ceramic	3198 019 51020	S 3340 Res, 22K, 5%, 1W, Metal Film	3198 012 12230
2236 Cap, 470p, 10%, 1KV, Ceramic	3198 019 64710	S 3341 Res, 680 ohm, 5%, 3W, Metal Film	3198 012 36810
2237 Cap, 470p, 10%, 1KV, Ceramic	3198 019 54710	3342 Res, 10K, 1%, 3/5W, Metal Film	2312 915 11003
2238 Cap, 3300u, 20%, 16V, Electrolytic	2020 021 91816	3343 Res, 1K8, 1%, 1/10W, Metalized Glass	2120 108 92618
2239 Cap, 1000u, 20%, 16V, Electrolytic	2020 021 91803	3344 Res, 750K, 1%, 3/5W, Metal Film.	2312 915 17504
2240 Cap, 1000u, 20%, 16V, Electrolytic	2020 021 91803	3345 Res, 27K, 1%, 1/8W, Metalized Glass.	2322 734 62703
2241 Cap, 10u, 20%, 50V, Electrolytic	2020 021 91808	3346 Res, 3K3, 5%, 1/6W, Carbon Film.	3198 011 03320
2243 Cap, 100n, 10%, 50V, Polyester	3198 014 01040	3347 Res, 10 ohm, 5%, 1W, Metal Film.	3198 012 11090
2244 Cap, 22u, 20%, 35V, Electrolytic	2020 021 91811	3348 Res, 100 ohm, 5%, 2W, Metal Film	2120 105 93422
2245 Cap, 47u, 20%, 16V, Electrolytic	2020 021 91804	3349 Res, 0R47, 5%, 3/5W, Metal Film.	3198 012 14770
2246 Cap, 1u, 20%, 100V, Electrolytic	2020 021 91812	3350 Res, 0R2, 5%, 1/4W, Carbon Film.	2120 101 74828
2247 Cap, 22u, 20%, 35V, Electrolytic	2020 021 91811	3351 Res, 0R1, 5%, 1 1/3W, Metal Film	3198 012 21070
2265 Cap, 1u, 20%, 100V, Electrolytic	2020 021 91812	3352 Res, 2K7, 1%, 3/5W, Metal Film	2312 915 12702
2310 Cap, 1n, 10%, 1KV, Ceramic	2020 558 90557	3353 Res, 100K, 5%, 1/10W, Metalized Glass.	3198 021 51040
2312 Cap, 1n, 10%, 1KV, Ceramic	2020 558 90557	3354 Res, 8K2, 5%, 1/10W, Metalized Glass	3198 021 58220
2320 Cap, 100u, 20%, 400V, Electrolytic	2020 021 91759	3355 Res, 150K, 5%, 1/6W, Carbon Film	3198 011 01540
S 2321 Cap, 470p, 10%, 250V, Ceramic.	2020 554 90169	3356 Res, 1K, 5%, 1/6W, Carbon Film	3198 011 01020
2323 Cap, 470p, 5%, 50V, Ceramic.	3198 016 04710	3357 Res, 1K, 5%, 1/6W, Carbon Film	3198 011 01020
2333 Cap, 470p, 10%, 1KV, Ceramic	3198 019 64710	3358 Res, 3K3, 5%, 1/6W, Carbon Film.	3198 011 03320
2335 Cap, 100p, 10%, 1KV, Ceramic	3198 019 51010	3359 Res, 180 ohm, 5%, 1/6W, Carbon Film.	3198 011 01810
2336 Cap, 4n7, 10%, 400V, Metalized Polyester	2222 365 55472	S 5201 Line Filter, 100uH, 2.2A	2422 549 44101
2337 Cap, 470p, 10%, 1KV, Ceramic	3198 019 54710	5208 Fixed, Inductor, 100MHZ, 80 ohm.	3198 018 90020
2338 Cap, 1000u, 20%, 25V, Electrolytic	2020 021 91805	5209 Fixed, Inductor, 100MHZ, 80 ohm.	3198 018 90020
2339 Cap, 100n, 10%, 50V, Polyester	3198 014 01040	S 5210 Switching Transformer, US28207-00.	2422 531 02555
2340 Cap, 10n, 10%, 50V, Ceramic.	3198 017 01030	5212 Fixed, Inductor, 100MHZ, 80 ohm.	3198 018 90020
2341 Cap, 10u, 20%, 50V, Electrolytic	2020 021 91808	5213 Fixed, Inductor, 100MHZ, 80 ohm.	3198 018 90020
2342 Cap, 100n, 10%, 50V, Polyester	3198 014 01040	5214 Fixed, Inductor, 100MHZ, 80 ohm.	3198 018 90020
2343 Cap, 47u, 20%, 16V, Electrolytic	2020 021 91804	5215 Fixed, Inductor, 100MHZ, 80 ohm.	3198 018 90020
2344 Cap, 47u, 20%, 16V, Electrolytic	2020 021 91804	5216 Fixed, Inductor, 100MHZ, 80 ohm.	3198 018 90020
2345 Cap, 10n, 10%, 50V, Ceramic.	3198 017 01030	5217 Fixed, Inductor, 100MHZ, 80 ohm.	3198 018 90020
2346 Cap, 100n, 10%, 50V, Polyester	3198 014 01040	S 5301 Line Filter, 100uH, 2.2A	2422 549 44101
2347 Cap, 470p, 5%, 50V, Ceramic.	3198 016 04710	5305 Fixed, Inductor, 100MHZ, 80 ohm.	3198 018 90020
2348 Cap, 1n, 10%, 50V, Ceramic	3198 019 11020	5306 Fixed, Inductor, 100MHZ, 80 ohm.	3198 018 90020
2349 Cap, 1000u, 20%, 10V, Electrolytic	2020 021 91814	5307 Fixed, Inductor, 100MHZ, 80 ohm.	3198 018 90020
2350 Cap, 4n7, 10%, 50V, Ceramic.	3198 019 14720	5308 Fixed, Inductor, 100MHZ, 80 ohm.	3198 018 90020
2351 Cap, 22n, +80/-20%, 50V, Ceramic	3198 019 22230	5309 Fixed, Inductor, 100MHZ, 80 ohm.	3198 018 90020
		S 5310 Switching Transformer, US28212-02.	2422 531 02594
		5315 Fixed, Inductor, 100MHZ, 80 ohm.	3198 018 90020

S = Safety Part Be sure to use exact replacement part.

5316	Coil, 10u.	2422	535	94639	2118	Cap, 470n, +80/-20%, 16v, Ceramic. . . .	3198	017	24740
5317	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2119	Cap, 470n, +80/-20%, 16v, Ceramic. . . .	3198	017	24740
5318	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2120	Cap, 220p, 5%, 50v, Ceramic.	3198	016	02210
5319	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2121	Cap, 10u, 20%, 50v, Electrolytic.	3198	029	51090
5320	Coil, 10u.	2422	535	94639	2122	Cap, 10u, 20%, 50v, Electrolytic.	3198	029	51090
5321	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2123	Cap, 10u, 20%, 50v, Electrolytic.	3198	029	51090
5322	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2124	Cap, 10u, 20%, 50v, Electrolytic.	3198	029	51090
5323	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2149	Cap, 470n, +80/-20%, 16v, Ceramic. . . .	3198	017	24740
5324	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2150	Cap, 1u, +80/-20%, 16v, Ceramic.	3198	017	21050
5325	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2151	Cap, 100n, +80/-20%, 25v, Ceramic. . . .	3198	023	21040
5326	Coil, 10u.	2422	535	95363	2152	Cap, 100n, +80/-20%, 25v, Ceramic. . . .	3198	023	21040
5327	Fixed, Inductor, 100MHZ, 80 ohm.	3198	018	90020	2153	Cap, 100n, +80/-20%, 25v, Ceramic. . . .	3198	023	21040
5328	Coil, 330u	2422	535	94863	2154	Cap, 100n, +80/-20%, 50v, Ceramic. . . .	2020	552	95499
6201	Diode, Rect, BY229X-800	9340	380	30127	2155	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6202	Zener Diode, 5.1 volt.	3198	010	55180	2156	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6202	Zener Diode, 5.1 volt.	3198	010	55180	2157	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6204	Diode, Rect., PBYR10100X.	9340	555	24127	2158	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6205	Diode, Rect, BYV95C	9335	001	80133	2159	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
S 6207	IC, Optocoupler	9338	941	50682	2160	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6209	Diode, Signal, BAV21	3198	010	10070	2161	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6301	Diode, Rect, BY229X-800	9340	380	30127	2162	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
6305	Diode, Rect, BYV95C	9335	001	80133	2163	Cap, 100n, +80/-20%, 25v, Ceramic. . . .	3198	023	21040
6306	Diode, Signal, BAV21	3198	010	10070	2164	Cap, 100n, +80/-20%, 25v, Ceramic. . . .	3198	023	21040
S 6307	IC, Optocoupler	9338	941	50682	2165	Cap, 100n, +80/-20%, 25v, Ceramic. . . .	3198	023	21040
6308	Zener Diode, 5.1 volt.	3198	010	55180	2166	Cap, 2u2, +80/-20%, 10v, Ceramic.	3198	017	22250
6309	Diode, Signal, BAV21	3198	010	10070	2167	Cap, 22u, 20%, 50v, Electrolytic.	3198	025	52290
6312	Diode, Rect, SB360L-7024	9322	161	78682	2168	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
6313	Diode, Rect, BYV95C	9335	001	80133	2169	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
6314	Diode, Rect, BYW29EX-200.	9340	412	80127	2170	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
6315	Diode, Rect., PBYR10100X.	9340	555	24127	2171	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
6316	Diode, Rect, BYW95C-24.	9340	559	53112	2173	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
7202	IC, PWM Off-line Switcher.	9322	166	44687	2174	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
7203	Transistor, N Ch. FET, 2SK2886	9322	199	01687	2175	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
7206	IC, Prog. Ref. Regulator	9322	115	98676	2176	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
7209	IC, Prog. Ref. Regulator	9322	115	98676	2177	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
7210	Transistor, PNP, BC557B.	3198	020	40110	2178	Cap, 330p, 5%, 50v, Ceramic.	3198	016	03310
7211	Transistor, NPN, BC547B.	3198	020	40030	2180	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7302	IC, PWM Off-line Switcher, TOP247Y	9322	181	88687	2181	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7303	Transistor, N Ch. FET, 2SK2886	9322	199	01687	2182	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7304	IC, Prog. Ref. Regulator	9322	115	98676	2183	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7306	IC, Prog. Ref. Regulator	9322	115	98676	2184	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7307	IC, Inverting Step Switch Reg., MC34063A	9322	036	71682	2185	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7308	Transistor, P Ch. FET, 2SJ334.	9322	199	02687	2186	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7309	IC, Prog. Ref. Regulator	9322	115	98676	2187	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
7310	Transistor, PNP, BC557B.	3198	020	40110	2188	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
9001	Wire Jumper, 0.58MM.	3198	036	90010	2189	Cap, 22p, 5%, 50v, Ceramic.	3198	016	02290
9003	Wire Jumper, 0.58MM.	3198	036	90010	3117	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010
9005	Wire Jumper, 0.58MM.	3198	036	90010	3118	Res, 30K, 1%, 1/8W, Metalized Glass. . . .	2322	734	63003
9012	Wire Jumper, 0.58MM.	3198	036	90010	3119	Res, 100 ohm, 5%, 1/6W, Carbon Film. . . .	3198	011	01010
9013	Wire Jumper, 0.58MM.	3198	036	90010	3120	Res, 51K, 1%, 1/8W, Metalized Glass. . . .	2322	734	65103
9014	Wire Jumper, 0.58MM.	3198	036	90010	3121	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
9016	Wire Jumper, 0.58MM.	3198	036	90010	3122	Res, 100K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51040
9017	Wire Jumper, 0.58MM.	3198	036	90010	3123	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51020
9018	Wire Jumper, 0.58MM.	3198	036	90010	3124	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51020
9019	Wire Jumper, 0.58MM.	3198	036	90010	3125	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
9020	Wire Jumper, 0.58MM.	3198	036	90010	3126	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51020
9024	Wire Jumper, 0.58MM.	3198	036	90010	3127	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51020
9025	Wire Jumper, 0.58MM.	3198	036	90010	3128	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020
9026	Wire Jumper, 0.58MM.	3198	036	90010	3129	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020
9028	Wire Jumper, 0.58MM.	3198	036	90010	3130	Res, 1 ohm, 5%, 1/10W, Metalized Glass. . . .	3198	021	51080
9029	Wire Jumper, 0.58MM.	3198	036	90010	3131	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51020
9030	Wire Jumper, 0.58MM.	3198	036	90010	3133	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020
9031	Wire Jumper, 0.58MM.	3198	036	90010	3134	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51020
9032	Wire Jumper, 0.58MM.	3198	036	90010	3136	Res, 47K, 5%, 1/10W, Metalized Glass. . . .	3198	021	54730
9033	Wire Jumper, 0.58MM.	3198	036	90010	3137	Res, 47K, 5%, 1/10W, Metalized Glass. . . .	3198	021	54730
9317	Wire Jumper, 0.58MM.	3198	036	90010	3139	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090
9318	Wire Jumper, 0.58MM.	3198	036	90010	3140	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090
1010	Main Power Supply Panel Asm.	3135	037	10663	3141	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090
					3142	Res, 10 ohm, 5%, 1/10W, Metalized Glass. . . .	3198	021	51090
					3143	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090
					3144	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
					3145	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
					3146	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51020
					3155	Res, 470 ohm, 5%, 1/10W, Metalized Glass	3198	021	54710
					3156	Res, 1K2, 5%, 1/10W, Metalized Glass. . . .	3198	021	51220
					3157	Res, 1K2, 5%, 1/10W, Metalized Glass. . . .	3198	021	51220
					3158	Res, 1K2, 5%, 1/6W, Carbon Film.	3198	011	01220
					3159	Res, 1K2, 5%, 1/6W, Carbon Film.	3198	011	01220
					3160	Res, 1K2, 5%, 1/10W, Metalized Glass. . . .	3198	021	51220
					3161	Res, 1K2, 5%, 1/10W, Metalized Glass. . . .	3198	021	51220
					3162	Res, 1K2, 5%, 1/6W, Carbon Film.	3198	011	01220
					3173	Res, 1K2, 5%, 1/6W, Carbon Film.	3198	011	01220
					3174	Res, 100 ohm, 5%, 1/6W, Carbon Film. . . .	3198	011	01010
					3175	Res, 100 ohm, 5%, 1/6W, Carbon Film. . . .	3198	011	01010
					3176	Res, 100 ohm, 5%, 1/6W, Carbon Film. . . .	3198	011	01010
					3181	Res, 100 ohm, 5%, 1/6W, Carbon Film. . . .	3198	011	01010
					3182	Res, 100 ohm, 5%, 1/6W, Carbon Film. . . .	3198	011	01010
					3183	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010
					3184	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010
					3185	Res, 100 ohm, 5%, 1/6W, Carbon Film. . . .	3198	011	01010
					3186	Res, 100 ohm, 5%, 1/6W, Carbon Film. . . .	3198	011	01010
					3187	Res, 100 ohm, 5%, 1/6W, Carbon Film. . . .	3198	011	01010

Rear Jack Panel Parts

Rear Jack Panel Parts

1016	Rear Jack Panel Asm.	3135	037	10692
1200	Connector, 4 Pin	2422	025	12479
1201	Connector, 4 Pin	2422	025	12479
1202	Connector, 4 Pin	2422	025	12479
1203	Connector, 4 Pin	2422	025	12479
1205	Connector, 3 Pin	2422	025	09191
1207	Connector, 5 Pin	2422	025	12481
1208	Connector, 5 Pin	2422	025	12481
1214	Socket, Cinch, 4 Pin	2422	026	05093
1217	Socket, Cinch, 1 Pin	2422	026	04378
1218	Socket, MDIN, 10 Pin	2422	026	04926
1219	Socket, MDIN, 10 Pin	2422	026	04926
1220	Connector, 64 Pin.	2422	025	17714
1251	Socket, Cinch, 12 Pin.	2422	026	05106
2111	Cap, 10u, 20%, 50v, Electrolytic	3198	029	51090
2112	Cap, 10u, 20%, 50v, Electrolytic	3198	029	51090
2113	Cap, 220u, 20%, 25v, Electrolytic.	3198	025	32210
2114	Cap, 470n, +80/-20%, 16v, Ceramic.	3198	017	24740
2115	Cap, 470n, +80/-20%, 16v, Ceramic.	3198	017	24740
2116	Cap, 470n, +80/-20%, 16v, Ceramic.	3198	017	24740
2117	Cap, 470n, +80/-20%, 16v, Ceramic.	3198	017	24740

S = Safety Part Be sure to use exact replacement part.

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3318	Res,	68K,	5%,	1/10W,	Metalized Glass	3198	021	56830	5107	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3319	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5108	Coil, 1u			2422	535	95387
3320	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5109	Coil, 1u			2422	535	95387
3321	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5110	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3322	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5111	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3323	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5112	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3324	Res,	2K2,	5%,	1/10W,	Metalized Glass	3198	021	52220	5113	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3325	Res,	2K2,	5%,	1/10W,	Metalized Glass	3198	021	52220	5301	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3326	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	5302	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3328	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5303	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3329	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5304	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3330	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5305	Coil, 2u2.			3198	018	42280
3331	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5306	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3332	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5307	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3333	Res,	33 ohm,	5%,	1/10W,	Metalized Glass	3198	021	53390	5308	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3334	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	5309	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3335	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	5310	Coil, 8u2.			3198	018	28280
3336	Res,	68K,	5%,	1/10W,	Metalized Glass	3198	021	56830	5311	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3337	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	5312	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3338	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	5313	Coil, 330u			2422	535	94649
3339	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5315	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3340	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5316	Inductor, Fixed,	100Mhz,	30 ohm	2422	549	42958
3341	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	5317	Coil, 8u2.			2422	535	96517
3342	Res,	1M,	5%,	1/10W,	Metalized Glass	3198	021	51050	6101	Diode, Signal,	BAS316.		3198	010	10630
3343	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6102	Diode, Signal,	BAS316.		3198	010	10630
3344	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6103	Diode, Signal,	BAS316.		3198	010	10630
3345	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6104	Diode, Signal,	BAS316.		3198	010	10630
3346	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6105	Diode, Rect,	SB140.		9339	577	60673
3347	Res,	1M,	5%,	1/10W,	Metalized Glass	3198	021	51050	6106	Diode, Signal,	BAS316.		3198	010	10630
3348	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6107	Diode, Signal,	BAS316.		3198	010	10630
3349	Res,	1K,	5%,	1/10W,	Metalized Glass	3198	021	51020	6108	Diode, Signal,	BAS316.		3198	010	10630
3350	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	6109	Diode, Signal,	BAS316.		3198	010	10630
3351	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6110	Diode, Signal,	BAS316.		3198	010	10630
3352	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6111	Diode, Signal,	BAS316.		3198	010	10630
3353	Res,	3K3,	5%,	1/10W,	Metalized Glass	3198	021	53320	6112	Zener Diode,	15 volt		9335	006	90133
3354	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6113	Diode, Signal,	1PS76SB10		9340	453	90115
3355	Res,	220 ohm,	5%,	1/10W,	Metalized Glass	3198	021	52210	6114	Diode, Signal,	1PS76SB10		9340	453	90115
3356	Res,	1K2,	5%,	1/10W,	Metalized Glass	3198	021	51220	6201	Zener Diode,	6.8 volt.		9340	548	55115
3357	Res,	1K,	5%,	1/10W,	Metalized Glass	3198	021	51020	6202	Zener Diode,	6.8 volt.		9340	548	55115
3358	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6300	Diode, Signal,	BAS316.		3198	010	10630
3359	Res,	100K,	5%,	1/10W,	Metalized Glass	3198	021	51040	6301	Diode, Signal,	BAS316.		3198	010	10630
3360	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6302	Diode, Signal,	BAS316.		3198	010	10630
3361	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	6304	Diode, Signal,	BAS316.		3198	010	10630
3362	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	6305	Diode, Signal,	BAS316.		3198	010	10630
3363	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	6306	Diode, Signal,	BAS316.		3198	010	10630
3364	Res,	4K7,	5%,	1/10W,	Metalized Glass	3198	021	54720	7001	Transistor, NPN,	BC847B.		3198	010	42030
3365	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	7002	Transistor, NPN,	BC847B.		3198	010	42030
3366	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	7003	Transistor, NPN,	BC847B.		3198	010	42030
3367	Res,	56K,	5%,	1/10W,	Metalized Glass	3198	021	55630	7004	Transistor, NPN,	BC847B.		3198	010	42030
3371	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7005	Transistor, PNP,	BC857B.		3198	010	42150
3372	Res,	2K2,	5%,	1/10W,	Metalized Glass	3198	021	52220	7006	Transistor, PNP,	BC857B.		3198	010	42150
3373	Res,	100 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51010	7007	Transistor, PNP,	BC857B.		3198	010	42150
3374	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7008	Transistor, NPN,	BC847B.		3198	010	42030
3375	Res,	15K,	5%,	1/10W,	Metalized Glass	3198	021	51530	7009	Transistor, NPN,	BC847B.		3198	010	42030
3376	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7010	Transistor, NPN,	BC847B.		3198	010	42030
3377	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7011	Transistor, NPN,	BC847B.		3198	010	42030
3378	Res,	39K,	5%,	1/10W,	Metalized Glass	3198	021	53930	7012	Transistor, NPN,	BC847B.		3198	010	42030
3379	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7013	Transistor, PNP,	BC857B.		3198	010	42150
3380	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7014	F.E.T. STD3NK60Z.			9322	195	38668
3381	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7015	Transistor, PNP,	BC857B.		3198	010	42150
3382	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7017	Transistor, PNP,	BC857B.		3198	010	42150
3383	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7018	Transistor, NPN,	BC847B.		3198	010	42030
3384	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7020	Transistor, NPN,	BC847B.		3198	010	42030
3385	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7021	Transistor, NPN,	BC847B.		3198	010	42030
3390	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7022	Transistor, NPN,	BC847B.		3198	010	42030
3391	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7023	Transistor, NPN,	BC847B.		3198	010	42030
3392	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7024	Transistor, PNP,	BC857B.		3198	010	42150
3393	Res,	10K,	5%,	1/10W,	Metalized Glass	3198	021	51030	7025	Transistor, NPN,	BC847B.		3198	010	42030
3394	Res,	1K,	5%,	1/10W,	Metalized Glass	3198	021	51020	7101	IC, TC74HC590AF-EL			9322	167	76668
3395	Res,	10 ohm,	5%,	1/10W,	Metalized Glass	3198	021	51090	7102	IC, TC74HC590AF-EL			9322	167	76668
3396	Res,	1K,	5%,	1/10W,	Metalized Glass	3198	021	51020	7103	IC, CY7C199-15ZC			9322	153	66668
4104	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7104	IC, MOS, Digital, Logic,	74HCT573DB.		9351	869	80118
4105	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7105	IC, MOS, Digital, Logic,	74HCT573DB.		9351	869	80118
4106	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7106	IC, CD74ACT151M.			9322	195	64668
4107	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7107	IC, M24C32-WMN6.			9322	124	74668
4108	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7108	IC, P89C668HBA/00.			9352	654	18112
4109	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7109	IC, TL431BCLP.			9322	115	98676
4110	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7110	IC, TLC0832CD.			9322	185	44668
4114	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7111	IC, NE555D			9336	561	10623
4115	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7113	IC, TEA6422D			9322	116	87668
4116	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7114	IC, PCF8574T			9337	280	80118
4117	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7115	IC, TL431BCLP.			9322	115	98676
4118	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7116	IC, TDA7309D			9322	110	45668
4119	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7117	IC, TDA1308T/N1.			9350	721	10115
4120	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7118	IC, NE555D			9336	561	10623
4121	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7120	F.E.T. Signal, BSN20			9340	125	00235
4129	Res,	Zero ohm,	"Chip"	Jumper		3198	021	90020	7121	F.E.T. Signal, BSN20			9340	125	00235
5101	Coil,	6u8.				2422	535	94819	9001	Wire Jumper, 0.58MM.			3198	036	90010
5102	Coil,	1u				2422	535	95387	9002	Wire Jumper, 0.58MM.			3198		

1024	LED Panel Asm.	3135	037	10741
0207	Holder, LED.	3139	124	23831
0209	Holder, Photo Diode.	3104	304	19732
1201	Connector, 4 Pin	2422	025	12489
1214	Connector, 10 Pin.	2422	025	12493
2001	Cap, 10u, 20%, 50v, Electrolytic	3198	025	51090
2002	Cap, 470n, +80/-20%, 10v, Ceramic. . . .	3198	017	44740
2003	Cap, 100u, 20%, 10v, Electrolytic. . . .	3198	025	11010
2004	Cap, 470n, +80/-20%, 10v, Ceramic. . . .	3198	017	44740
3001	Res, 150 ohm, 5%, 1/16W, Metalized Glass	3198	021	31510
3002	Res, 470 ohm, 5%, 1/16W, Metalized Glass	3198	021	34710
3003	Res, 1K2, 5%, 1/16W, Metalized Glass . . .	3198	021	31220
3004	Res, 10K, 5%, 1/16W, Metalized Glass . . .	3198	021	31030
3005	Res, 15K, 5%, 1/10W, Metalized Glass . . .	3198	021	51530
3006	Res, 330 ohm, 5%, 1/10W, Metalized Glass	3198	021	53310
3007	Res, 1K5, 5%, 1/16W, Metalized Glass . . .	3198	021	31520
3008	Res, 6K8, 5%, 1/16W, Metalized Glass . . .	3198	021	36820
3009	Res, 1M5, 5%, 1/16W, Metalized Glass . . .	2322	702	60155
3010	Res, 10K, 5%, 1/16W, Metalized Glass . . .	3198	021	31030
3011	Res, 3K3, 5%, 1/16W, Metalized Glass . . .	3198	021	33320
3012	Res, 4K7, 5%, 1/16W, Metalized Glass . . .	3198	021	34720
3013	Res, 10K, 5%, 1/16W, Metalized Glass . . .	3198	021	31030
3014	Res, 1M5, 5%, 1/16W, Metalized Glass . . .	2322	702	60155
3016	Res, 1K, 5%, 1/16W, Metalized Glass. . . .	3198	021	31020
3017	Res, 3K3, 5%, 1/16W, Metalized Glass . . .	3198	021	33320
4002	Res, Zero ohm, "Chip" Jumper	3198	021	90020
4003	Res, Zero ohm, "Chip" Jumper	3198	021	90030
4004	Res, Zero ohm, "Chip" Jumper	3198	021	90030
4005	Res, Zero ohm, "Chip" Jumper	3198	021	90030
6000	LED, TLUV5300.	9338	792	00682
6003	IR Receiver, TSOP2136UH1	9322	159	21667
6004	Optical Sensor, BPW46.	9322	032	38682
7000	IC, LM358DR2	9339	265	90668
7001	Transistor, NPN, BC847B.	3198	010	42030

Side Jack Panel Parts

Side Jack Panel Parts				
1028	Side Jack Panel Asm.	3135	037	10751
1300	Switch, Push, 2 Pin, 2 Position, 30v . . .	2422	128	03068
1301	Socket, MDin, 4 Pin, TCS7959 Y	2422	026	05157
1302	Socket, Cinch, 3 Pin	2422	026	05493
1303	Socket, Phone, 1 Pin	2422	026	04747
1335	Connector, 11 Pin.	2422	025	12485
1337	Connector, 1 Pin	2422	015	18552
1344	Connector, 5 Pin	2422	025	12481
2107	Cap, 680p, 5%, 50v, Ceramic.	3198	016	06810
2108	Cap, 100p, 5%, 50v, Ceramic.	3198	016	01010
2109	Cap, 680p, 5%, 50v, Ceramic.	3198	016	06810
2110	Cap, 100p, 5%, 50v, Ceramic.	3198	016	01010
2111	Cap, 680p, 5%, 50v, Ceramic.	3198	016	06810
2112	Cap, 10n, 10%, 50v, Ceramic.	3198	017	01030
2113	Cap, 680p, 5%, 50v, Ceramic.	3198	016	06810
2114	Cap, 10n, 10%, 50v, Ceramic.	3198	017	01030
2115	Cap, 100n, +80/-20%, 25v, Ceramic.	3198	023	21040
3106	Res, 75 ohm, 5%, 1/10W, Metalized Glass. .	3198	021	57590
3107	Res, 75 ohm, 5%, 1/10W, Metalized Glass. .	3198	021	57590
3115	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010
3116	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51020
3117	Res, 47K, 5%, 1/10W, Metalized Glass . . .	3198	021	54730
3118	Res, 1K, 5%, 1/10W, Metalized Glass. . . .	3198	021	51020
3119	Res, 47K, 5%, 1/10W, Metalized Glass . . .	3198	021	54730
3120	Res, 10 ohm, 5%, 1/10W, Metalized Glass. .	3198	021	51090
3121	Res, 10 ohm, 5%, 1/10W, Metalized Glass. .	3198	021	51090
3122	Res, 10K, 5%, 1/10W, Metalized Glass . . .	3198	021	51030
3123	Res, 10 ohm, 5%, 1/10W, Metalized Glass. .	3198	021	51090
3124	Res, 10 ohm, 5%, 1/10W, Metalized Glass. .	3198	021	51090
3125	Res, 10K, 5%, 1/10W, Metalized Glass . . .	3198	021	51030
4001	Res, Zero ohm, "Chip" Jumper	3198	021	90020
4002	Res, Zero ohm, "Chip" Jumper	3198	021	90020
5001	Coil, 270n	3198	018	32770
5002	Coil, 270n	3198	018	32770
6001	Zener Diode, 6.8 volt.	9340	386	40115
6002	Zener Diode, 6.8 volt.	9340	386	40115
6003	Zener Diode, 6.8 volt.	9340	386	40115
6004	Zener Diode, 6.8 volt.	9340	386	40115
6005	Zener Diode, 6.8 volt.	9340	386	40115
6006	Zener Diode, 6.8 volt.	9340	386	40115
6007	Zener Diode, 6.8 volt.	9340	386	40115
6008	Zener Diode, 6.8 volt.	9340	386	40115
6009	Zener Diode, 6.8 volt.	9340	386	40115
6010	Zener Diode, 6.8 volt.	9340	386	40115
6011	Zener Diode, 6.8 volt.	9340	386	40115
6012	Zener Diode, 6.8 volt.	9340	386	40115

LED/Keyboard Panel Parts

LED/Keyboard Panel Parts				
1032	LED/Keyboard Panel Asm.	3135	037	10771
1001	Switch, Tactile.	2422	128	02742
1002	Switch, Tactile.	2422	128	02742
1003	Switch, Tactile.	2422	128	02742
1004	Switch, Tactile.	2422	128	02742
1005	Switch, Tactile.	2422	128	02742

S = Safety Part Be sure to use exact replacement part.

1006	Switch, Tactile.	2422	128	02742
1201	Connector, 4 Pin	2422	025	12489
1202	Connector, 1 Pin	2422	015	18551
1203	LED, Holder (Not Shown).	3135	034	00711
3001	Res, 390 ohm, 1%, 1/8W, Metalized Glass. .	2322	734	63901
3002	Res, 200 ohm, 1%, 1/8W, Metalized Glass. .	2322	734	62001
3003	Res, 620 ohm, 1%, 1/8W, Metalized Glass. .	2322	734	66201
3004	Res, 1K1, 1%, 1/8W, Metalized Glass. . . .	2322	734	61102
3006	Res, 2K, 1%, 1/8W, Metalized Glass	2322	734	62002
3007	Res, 2K4, 1%, 1/8W, Metalized Glass. . . .	2322	734	62402
3009	Res, 910 ohm, 1%, 1/8W, Metalized Glass. .	2322	734	69101
3010	Res, 160 ohm, 1%, 1/8W, Metalized Glass. .	2322	734	61601
3011	Res, 120 ohm, 5%, 1/10W, Metalized Glass	3198	021	51210
4000	Res, Zero ohm, "Chip" Jumper	3198	021	90020
6001	Zener Diode, 6.8 volt.	9340	386	40115
6002	Zener Diode, 6.8 volt.	9340	386	40115
6003	LED, TLHB5400.	9322	188	10682
7000	Transistor, NPN, BC847B.	3198	010	42030

Thermal Sensor Panel Parts

Thermal Sensor Panel Parts				
1034	Thermal Sensor Panel Asm.	3135	037	10781
1202	Connector, 3 Pin	2422	025	10775
2001	Cap, 100n, 10%, 16v, Ceramic	3198	017	01040
2002	Cap, 100n, 10%, 16v, Ceramic	3198	017	01040
3001	Res, 5K6, 1%, 1/8W, Metalized Glass. . . .	2322	734	65602
3002	Res, 68K, 1%, 1/8W, Metalized Glass. . . .	2322	734	66803
3003	Res, 820 ohm, 1%, 1/8W, Metalized Glass. .	2122	118	05988
3004	Res, 680 ohm, 1%, 1/8W, Metalized Glass. .	2322	734	66801
3005	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010
S 3006	NTC, 10K, 5%, 1/2W	2322	640	33103
3007	Res, 1M, 5%, 1/10W, Metalized Glass. . . .	3198	021	51050
3008	Res, 22K, 5%, 1/10W, Metalized Glass . . .	3198	021	52230
4001	Res, Zero ohm, "Chip" Jumper	3198	021	90020
7001	Transistor, NPN, BC847B.	3198	010	42030
7002	Transistor, NPN, BC847B.	3198	010	42030

Input Power Panel Parts

Input Power Panel Parts				
1045	Input Power Panel Asm.	3135	037	11421
0001	Insulator, SP-900.	3135	010	02331
0002	Clip, Transistor	3135	011	02681
0013	Spring	3139	121	24583
0014	Spring	3139	121	24583
0018	Insulator, SP-900.	3135	010	02331
0019	Clip, Transistor	3135	011	02681
0020	Spring	3139	121	24583
0201	Spring	3135	011	01041
0215	Insulator.	3135	010	02321
1206	Connector, 1 Pin	2422	015	18552
1208	Surge Protector, DSP-501N-A21F	2422	549	42349
1209	Connector, 1 Pin	2422	015	18552
S 1210	Relay, 1 Pin, 5V, 5A	2422	132	07411
S 1211	Fuse/Clip, 6A3, 250V, IEC.	2422	093	00036
1212	Connector, 4 Pin	2422	025	15503
S 1214	Protection Device, 5.5 KVDC, UL5500. . .	2422	549	43369
1215	Heatsink	3135	031	60051
1217	Connector, 1 Pin	2422	015	18552
1218	Connector, 1 Pin	2422	015	18552
1310	Connector, 2 Pin	2422	025	11196
1311	Connector, 6 Pin	2422	025	14044
1316	Connector, 4 Pin	2422	025	10647
1401	Heatsink	3135	031	60071
1402	Heatsink, TO-220	3135	031	60133
1403	Connector, 12 Pin.	2422	025	08333
1410	Connector, 2 Pin	2412	020	00724
1460	Connector, 3 Pin	2412	020	00725
1518	Heatsink	3135	031	60071
1520	Heatsink, TO-220	3135	031	60133
2200	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557
2201	Cap, 220n, 20%, 275v, Metalized Polypropylene	2222	336	29146
2202	Cap, 1m5, 20%, 200v, Electrolytic.	2020	021	91747
2203	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557
2205	Cap, 680n, 20%, 275v, Metalized Polypropylene	2222	336	29149
2209	Cap, 1m5, 20%, 200v, Electrolytic.	2020	021	91747
2210	Cap, 1n, 5%, 50v, Ceramic.	3198	016	01020
2211	Cap, 1n, 5%, 50v, Ceramic.	3198	016	01020
2212	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557
S 2213	Cap, 470p, 10%, 50v, Ceramic	2020	554	90169
S 2214	Cap, 470p, 10%, 50v, Ceramic	2020	554	90169
2215	Cap, 100n, 10%, 16v, Ceramic	3198	017	01040
2216	Cap, 1n, 5%, 50v, Ceramic.	3198	016	01020
2217	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557
2219	Cap, 100u, 20%, 400v, Electrolytic	2020	021	91759
S 2220	Cap, 470p, 10%, 50v, Ceramic	2020	554	90169
2225	Cap, 1u, 20%, 50v, Electrolytic.	3198	025	51080
2249	Cap, 100n, 10%, 50v, Polyester	3198	014	01040
S 2421	Cap, 470p, 10%, 50v, Ceramic	2020	554	90169
2423	Cap, 470p, 5%, 50v, Ceramic.	3198	016	04710
2424	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557

S	2431	Cap, 100p, 10%, 1000v, Ceramic	2252	711	95001	5407	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2432	Cap, 1n, 10%, 1000v, Ceramic	3198	019	61020	5408	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2433	Cap, 100p, 10%, 1000v, Ceramic	2252	711	95001	5409	Coil, 1u	2422	535	95387
	2435	Cap, 470p, 10%, 50v, Ceramic	2020	554	90169	5410	Transformer, SMT Layer, US28206-01	2422	531	02553
	2436	Cap, 47u, 20%, 50v, Electrolytic	2020	021	91521	5411	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2437	Cap, 100p, 10%, 1000v, Ceramic	2252	711	95001	5412	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2441	Cap, 22u, 20%, 35v, Electrolytic	2020	021	91811	5417	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2442	Cap, 100n, 10%, 50v, Polyester	3198	014	01040	5419	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2443	Cap, 4n7, 10%, 50v, Ceramic	3198	019	14720	5420	Coil, 1u	2422	535	95387
	2444	Cap, 22u, 20%, 35v, Electrolytic	2020	021	91811	5422	Coil, 1u	2422	535	95387
	2453	Cap, 470p, 10%, 1000v, Ceramic	3198	019	64710	5502	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2454	Cap, 1000u, 20%, 35v, Electrolytic	2020	021	91411	5503	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2456	Cap, 470p, 10%, 1000v, Ceramic	3198	019	64710	5507	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2457	Cap, 1000u, 20%, 35v, Electrolytic	2020	021	91411	5509	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020
	2472	Cap, 220u, 20%, 10v, Electrolytic	3198	025	12210	5510	Coil, Choke, 190uH, UC28214-03 Y	2422	536	00594
	2473	Cap, 1n, 5%, 50v, Ceramic	3198	016	01020	5514	Filter, Mains, 100uH, 2A2, W8051	2422	549	44101
	2522	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557	6200	Diode, Signal, 1N4148	3198	010	10010
	2523	Cap, 470p, 10%, 50v, Ceramic	3198	019	14710	6201	Diode, Bridge Rect, GBU6JL-7002	9322	138	08667
	2530	Cap, 220p, 10%, 1000v, Ceramic	3198	019	62210	6202	Diode, Bridge Rect, GBU4JL-7002	9322	132	55667
	2534	Cap, 100u, 20%, 400v, Electrolytic	2020	021	91759	6402	Diode, Signal, 1N4148	3198	010	10010
	2535	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557	6403	Diode, Signal, BAS316	3198	010	10630
	2536	Cap, 1n, 10%, 1000v, Ceramic	2020	558	90557	6404	Optic Coupler, CQY80NG	9338	941	50682
	2541	Cap, 10u, 20%, 50v, Electrolytic	2020	021	91808	6405	Diode, Rect, BYV95C	9335	001	80133
	2542	Cap, 10n, +80/-20%, 50v, Ceramic	3198	019	21030	6406	Zener Diode, 18 volt	3198	010	21890
	2543	Cap, 22n, +80/-20%, 50v, Ceramic	3198	019	22230	6407	Zener Diode, 6.8 volt	3198	010	26880
	2544	Cap, 47u, 20%, 16v, Electrolytic	2020	021	91804	6408	Diode, Signal, BAS316	3198	010	10630
	3204	Res, 2M2, 5%, 1/2W, Metalized Glass	2322	242	13225	6409	Diode, Signal, 1N4148	3198	010	10010
	3207	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	6410	Optic Coupler, CQY80NG	9338	941	50682
	3210	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	6411	Diode, Rect, BY229X-800	9340	380	30127
	3211	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	6413	Diode, Rect, BYW29EX-200	9340	412	80127
S	3212	VDR, DC, 1MA/495V, MAX 850VB	2322	595	90021	6414	Diode, Rect, BYW29EX-200	9340	412	80127
	3213	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	6501	Diode, Rect, BYV29F-400	9338	673	00127
	3214	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	7211	Transistor, NPN, BC547B	3198	020	40030
	3215	Res, 0R68, 10%, 5W, Wire Wound	2322	251	41687	7212	Transistor, PNP, BC857B	3198	010	42150
	3216	Res, 4M7, 5%, 1/2W, Metalized Glass	2322	242	13475	7402	IC, TOP247Y	9322	181	88687
	3217	Res, 220 ohm, 20%, 1/2W, Carbon Film	2120	103	90042	7406	IC, TL431BCLP	9322	115	98676
	3218	Res, 4M7, 5%, 1/2W, Metalized Glass	2322	242	13475	7408	Transistor, PNP, BC857B	3198	010	42150
	3219	Res, 4M7, 5%, 1/2W, Metalized Glass	2322	242	13475	7409	Transistor, NPN, BC847B	3198	010	42030
	3245	Res, 3K3, 5%, 1/10W, Metalized Glass	3198	021	53320	7410	Transistor, PNP, BC857B	3198	010	42150
	3246	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020	7411	Transistor, NPN, BC847B	3198	010	42030
	3247	Res, 1K, 5%, 1/10W, Metalized Glass	3198	021	51020	7412	Transistor, PNP, BC857B	3198	010	42150
	3248	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020	7500	Transistor, PNP, BC857B	3198	010	42150
	3249	Res, 100K, 5%, 1/10W, Metalized Glass	3198	021	51040	7502	IC, TOP247Y	9322	181	88687
	3252	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010	7506	IC, TL431BCLP	9322	115	98676
	3253	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198	021	51010	9010	Wire Jumper, 0.58MM	3198	036	90010
	3403	Res, 12K, 5%, 1/6W, Carbon Film	3198	011	01230	9011	Wire Jumper, 0.58MM	3198	036	90010
	3425	Res, 100 ohm, 5%, 3W, Metal Film	2120	105	93581	9016	Wire Jumper, 0.58MM	3198	036	90010
	3426	Res, 56K, 1%, 3/5W, Metal Film	2312	915	15603	9020	Wire Jumper, 0.58MM	3198	036	90010
	3429	Res, 1K2, 5%, 1/6W, Carbon Film	3198	011	01220	9022	Wire Jumper, 0.58MM	3198	036	90010
	3430	Res, 470 ohm, 5%, 1/6W, Carbon Film	3198	011	04710	9023	Wire Jumper, 0.58MM	3198	036	90010
	3431	Res, 56K, 5%, 1/6W, Carbon Film	3198	011	05630	9024	Wire Jumper, 0.58MM	3198	036	90010
	3432	Res, 1K, 5%, 1/10W, Metalized Glass	3198	021	51020	9025	Wire Jumper, 0.58MM	3198	036	90010
	3433	Res, 6R8, 1%, 3/5W, Metal Film	2312	915	16808	9026	Wire Jumper, 0.58MM	3198	036	90010
	3438	Res, 10K, 1%, 3/5W, Metal Film	2312	915	11003	9027	Wire Jumper, 0.58MM	3198	036	90010
	3441	Res, 4K7, 5%, 1/6W, Carbon Film	3198	011	04720	9028	Wire Jumper, 0.58MM	3198	036	90010
	3444	Res, 820K, 1%, 3/5W, Metal Film	2312	915	18204	9029	Wire Jumper, 0.58MM	3198	036	90010
	3445	Res, 100K, 1%, 3/5W, Metal Film	2312	915	11004	9201	Wire Jumper, 0.58MM	3198	036	90010
	3453	Res, 33 ohm, 5%, 2W, Metal Film	2120	105	93418	9204	Wire Jumper, 0.58MM	3198	036	90010
	3456	Res, 33 ohm, 5%, 2W, Metal Film	2120	105	93418	9206	Wire Jumper, 0.58MM	3198	036	90010
	3460	Res, 10K, 5%, 1/6W, Carbon Film	3198	011	01030	9207	Wire Jumper, 0.58MM	3198	036	90010
	3461	Res, 10K, 5%, 1/6W, Carbon Film	3198	011	01030					
	3462	Res, 4K7, 5%, 1/10W, Metalized Glass	3198	021	54720					
	3463	Res, 10K, 5%, 1/10W, Metalized Glass	3198	021	51030					
	3464	Res, 2K7, 5%, 1/10W, Metalized Glass	3198	021	52720					
	3465	Res, 3K9, 5%, 1/10W, Metalized Glass	3198	021	53920					
	3466	Res, 1K, 5%, 1/10W, Metalized Glass	3198	021	51020					
	3470	Res, 47 ohm, 5%, 1/6W, Carbon Film	3198	011	04790					
	3471	Res, 1K, 5%, 1/10W, Metalized Glass	3198	021	51020					
	3472	Res, 1K2, 5%, 1/6W, Carbon Film	3198	011	01220					
	3473	Res, 1K, 5%, 1/6W, Carbon Film	3198	011	01020					
	3474	Res, 100K, 5%, 1/10W, Metalized Glass	3198	021	51040					
	3475	Res, 10K, 5%, 1/10W, Metalized Glass	3198	021	51030					
	3476	Res, 10K, 5%, 1/10W, Metalized Glass	3198	021	51030					
	3522	Res, 33 ohm, 5%, 2W, Metal Film	2120	105	93418					
	3526	Res, 10K, 5%, 1/6W, Carbon Film	3198	011	01030					
	3533	Res, 6R8, 1%, 3/5W, Metal Film	2312	915	16808					
	3536	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198	011	01090					
	3537	Res, 3K3, 5%, 1/6W, Carbon Film	3198	011	03320					
	3538	Res, 1K, 1%, 3/5W, Metal Film	2312	915	11002					
	3539	Res, 470 ohm, 5%, 1/6W, Carbon Film	3198	011	04710					
	3540	Res, 150K, 1%, 3/5W, Metal Film	2312	915	11504					
	3541	Res, 150K, 1%, 3/5W, Metal Film	2312	915	11504					
	3542	Res, 120K, 1%, 3/5W, Metal Film	2312	915	11204					
	3543	Res, 3K, 1%, 1/8W, Metalized Glass	2322	734	63002					
	3544	Res, 22K, 5%, 1/10W, Metalized Glass	3198	021	52230					
	5210	Inductor, Fixed, 100MHZ, 30 ohm	3198	018	90060					
	5211	Inductor, Fixed, 100MHZ, 30 ohm	3198	018	90060					
	5212	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020					
	5213	Filter, Mains, 8mH, 7A, JLB2806	2422	549	44591					
	5214	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020					
	5218	Filter, Mains, 8mH, 7A, JLB2806	2422	549	44591					
	5406	Fixed, Inductor, 100MHZ, 80 ohm	3198	018	90020					

S = Safety Part Be sure to use exact replacement part.

Audio Amp Panel Parts

	Audio Amp Panel Parts				
0070	Clip, Transistor	3135	011	02681	
0071	Insulator	3135	010	02351	
1012	Audio Amp Panel Asm.	3135	037	11412	
1216	Connector, 1 Pin	2422	015	18551	
1305	Connector, 7 Pin	2422	025	09407	
1316	Connector, 4 Pin	2422	025	10647	
1321	Connector	2422	025	15781	
1700	Connector, 8 Pin	2422	025	12483	
1701	Heatsink, Vertical, Audio	3135	031	60151	
1702	Thyristor, BT169B	9338	268	50126	
1703	Inductor, fixed, line Filter, 50V, 2A4	2422	549	43778	
1704	Inductor, fixed, line Filter, 50V, 2A4	2422	549	43778	
2701	Cap, 680n, 10%, 63v, Metalized Polyester	2222	365	75684	
2702	Cap, 10n, +80/-20%, 50v, Ceramic	3198	017	21030	
2703	Cap, 680n, 10%, 63v, Metalized Polyester	2222	365	75684	
2704	Cap, 10n, +80/-20%, 50v, Ceramic	3198	017	21030	
2705	Cap, 2u2, 20%, 50v, Electrolytic	3198	025	52280	
2706	Cap, 100n, 10%, 16v, Ceramic	3198	017	01040	
2707	Cap, 100n, 10%, 16v, Ceramic	3198	017	01040	
2708	Cap, 220n, +80/-20%, 25v, Ceramic	3198	023	22240	
2709	Cap, 470p, 5%, 50v, Ceramic	3198	016	04710	
2710	Cap, 470p, 5%, 50v, Ceramic	3198	016	04710	
2711	Cap, 1n, 5%, 50v, Ceramic	3198	016	01020	
2712	Cap, 220n, +80/-20%, 50v, Ceramic	2238	580	19814	
2713	Cap, 100n, 10%, 16v, Ceramic	3198	017	01040	
2714	Cap, 33n, 10%, 50v, Ceramic	3198	017	03330	
2715	Cap, 1n, 5%, 50v, Ceramic	3198	016	01020	
2716	Cap, 330p, 5%, 50v, Ceramic	3198	016	03310	
2717	Cap, 100p, 5%, 50v, Ceramic	3198	016	01010	

2718	Cap, 22p, 5%, 50v, Ceramic	3198 016 02290	6709	Diode, Signal, BAS316	3198 010 10630
2719	Cap, 1n, 5%, 50v, Ceramic	3198 016 01020	6710	Diode, Signal, BAS316	3198 010 10630
2720	Cap, 220n, +80/-20%, 25v, Ceramic	3198 023 22240	6711	Diode, Signal, BAS316	3198 010 10630
2721	Cap, 470p, 5%, 50v, Ceramic	3198 016 04710	7700	IC, TDA7490	9322 147 50667
2722	Cap, 470p, 5%, 50v, Ceramic	3198 016 04710	7701	Transistor, NPN, BC847B	3198 010 42030
2723	Cap, 220n, +80/-20%, 50v, Ceramic	2238 580 19814	7704	Transistor, NPN, BC847B	3198 010 42030
2724	Cap, 220n, +80/-20%, 50v, Ceramic	2238 580 19814	7705	Transistor, NPN, BC847B	3198 010 42030
2725	Cap, 220n, +80/-20%, 50v, Ceramic	2238 580 19814	7706	Transistor, PNP, BC857B	3198 010 42150
2726	Cap, 33n, 10%, 50v, Ceramic	3198 017 03330	7707	Transistor, NPN, BC847B	3198 010 42030
2727	Cap, 1n, 5%, 50v, Ceramic	3198 016 01020	7708	Transistor, NPN, BC847B	3198 010 42030
2728	Cap, 330p, 5%, 50v, Ceramic	3198 016 03310	7710	Transistor, NPN, BC847B	3198 010 42030
2729	Cap, 100n, 10%, 16v, Ceramic	3198 017 01040	7711	Transistor, NPN, BC847B	3198 010 42030
2730	Cap, 2u2, 20%, 35v, Electrolytic	2020 021 91637	9012	Wire Jumper, 0.58MM	3198 036 90010
2731	Cap, 2u2, 20%, 35v, Electrolytic	2020 021 91637	9019	Wire Jumper, 0.58MM	3198 036 90010
2732	Cap, 220n, +80/-20%, 50v, Ceramic	2238 580 19814	9026	Wire Jumper, 0.58MM	3198 036 90010
2733	Cap, 220n, +80/-20%, 50v, Ceramic	2238 580 19814	9027	Wire Jumper, 0.58MM	3198 036 90010
2734	Cap, 1n, 5%, 50v, Ceramic	3198 016 01020	9030	Wire Jumper, 0.58MM	3198 036 90010
2735	Cap, 10u, 20%, 50v, Electrolytic	3198 025 51090	9031	Wire Jumper, 0.58MM	3198 036 90010
2736	Cap, 10n, +80/-20%, 50v, Ceramic	3198 017 21030	9032	Wire Jumper, 0.58MM	3198 036 90010
2737	Cap, 10n, +80/-20%, 50v, Ceramic	3198 017 21030	9033	Wire Jumper, 0.58MM	3198 036 90010
2739	Cap, 1n, 5%, 50v, Ceramic	3198 016 01020	9034	Wire Jumper, 0.58MM	3198 036 90010
2740	Cap, 1n, 5%, 50v, Ceramic	3198 016 01020			
2741	Cap, 1n, 5%, 50v, Ceramic	3198 016 01020			
2742	Cap, 220n, +80/-20%, 50v, Ceramic	2238 580 19814			
2743	Cap, 220n, +80/-20%, 50v, Ceramic	2238 580 19814			
2744	Cap, 220n, +80/-20%, 50v, Ceramic	2238 580 19814			
2745	Cap, 220n, +80/-20%, 50v, Ceramic	2238 580 19814			
2763	Cap, 680n, 10%, 50v, Polyester	3198 014 06840			
2776	Cap, 47u, 20%, 50v, Electrolytic	3198 025 54790			
2777	Cap, 680n, 10%, 50v, Polyester	3198 014 06840			
2780	Cap, 100n, 10%, 50v, Polyester	3198 014 01040			
2781	Cap, 100n, 10%, 50v, Polyester	3198 014 01040			
3701	Res, 10K, 5%, 1/6W, Carbon Film	3198 011 01030			
3702	Res, 6K8, 5%, 1/6W, Carbon Film	3198 011 06820			
3703	Res, 33K, 5%, 1/10W, Metalized Glass	3198 021 53330			
3704	Res, 10K, 5%, 1/10W, Metalized Glass	3198 021 51030			
3705	Res, 10 ohm, 5%, 1/6W, Carbon Film	3198 011 01090			
3706	Res, 5K6, 5%, 1/10W, Metalized Glass	3198 021 55620			
3707	Res, 6K8, 5%, 1/10W, Metalized Glass	3198 021 56830			
3708	Res, 5K6, 5%, 1/10W, Metalized Glass	3198 021 55630			
3709	Res, 220 ohm, 5%, 1/10W, Metalized Glass	3198 021 52210			
3710	Res, 22K, 5%, 1/10W, Metalized Glass	3198 021 52230			
3711	Res, 120K, 5%, 1/4W, Carbon Film	2122 101 02074			
3712	Res, 10K, 5%, 1/10W, Metalized Glass	3198 021 51030			
3713	Res, 100 ohm, 5%, 1/6W, Carbon Film	3198 011 01010			
3714	Res, 47K, 5%, 1/10W, Metalized Glass	3198 021 54730			
3715	Res, 47K, 5%, 1/6W, Carbon Film	3198 011 04730			
3716	Res, 47K, 5%, 1/10W, Metalized Glass	3198 021 54730			
3717	Res, 150K, 5%, 1/10W, Metalized Glass	3198 021 51540			
3718	Res, 150K, 5%, 1/10W, Metalized Glass	3198 021 51540			
3719	Res, 1K, 5%, 2W, Metal Film	2120 105 93546			
3720	Res, 1K, 5%, 2W, Metal Film	2120 105 93546			
3721	Res, 5K6, 5%, 1/10W, Metalized Glass	3198 021 55620			
3722	Res, 6K8, 5%, 1/10W, Metalized Glass	3198 021 56830			
3723	Res, 5K6, 5%, 1/10W, Metalized Glass	3198 021 55630			
3724	Res, 220 ohm, 5%, 1/6W, Carbon Film	3198 011 02210			
3725	Res, 22K, 5%, 1/10W, Metalized Glass	3198 021 52230			
3726	Res, 3K3, 5%, 1/10W, Metalized Glass	3198 021 53320			
3727	Res, 47K, 5%, 1/10W, Metalized Glass	3198 021 54730			
3728	Res, 220 ohm, 5%, 1/10W, Metalized Glass	3198 021 52210			
3729	Res, 220 ohm, 5%, 1/6W, Carbon Film	3198 011 02210			
3730	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198 021 51010			
3731	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198 021 51010			
3732	Res, 1K5, 5%, 1/6W, Carbon Film	3198 011 01520			
3733	Res, 1K5, 5%, 1/6W, Carbon Film	3198 011 01520			
3734	Res, 100K, 5%, 1/10W, Metalized Glass	3198 021 51040			
3790	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198 021 51010			
3791	Res, 100 ohm, 5%, 1/10W, Metalized Glass	3198 021 51010			
3792	Res, 100 ohm, 5%, 1/6W, Carbon Film	3198 011 01010			
3793	Res, 100 ohm, 5%, 1/6W, Carbon Film	3198 011 01010			
3796	Res, 10K, 5%, 1/10W, Metalized Glass	3198 021 51030			
3797	Res, 3K3, 5%, 1/10W, Metalized Glass	3198 021 53320			
3798	Res, 3K3, 5%, 1/6W, Carbon Film	3198 011 03320			
3799	Res, 47K, 5%, 1/6W, Carbon Film	3198 011 04730			
4700	Res, Zero ohm, "Chip" Jumper	3198 021 90020			
4701	Res, Zero ohm, "Chip" Jumper	3198 021 90020			
5701	Inductor, Fixed, 68uH, 10%	2422 536 00504			
5702	Inductor, Fixed, 68uH, 10%	2422 536 00504			
5707	Inductor, Fixed, 100MHZ, 30 ohm	3198 018 90060			
5708	Inductor, Fixed, 100MHZ, 30 ohm	3198 018 90060			
5713	Coil, 1u	2422 535 95387			
5714	Coil, 1u	2422 535 95387			
5715	Fixed, Inductor, 100MHZ, 80 ohm	3198 018 90020			
5716	Fixed, Inductor, 100MHZ, 80 ohm	3198 018 90020			
6701	Diode, Signal, 1N4148	3198 010 10010			
6702	Diode, Signal, 1N4148	3198 010 10010			
6703	Diode, Signal, 1N4148	3198 010 10010			
6704	Diode, Signal, BAS316	3198 010 10630			
6705	Diode, Signal, BAS316	3198 010 10630			
6706	Diode, Signal, BAS316	3198 010 10630			
6707	Diode, Signal, BAS316	3198 010 10630			
6708	Diode, Signal, BAS316	3198 010 10630			

DW PIP Panel Parts

	DW PIP Panel Parts				
0200	Connector, Printed Circuit	4822 267 10734			
0201	Connector, B10B-EH-A	4822 267 10557			
0205	Connector, 10 Pin	2422 025 16587			
0207	Connector, Printed Circuit, 4 Pin	4822 267 10565			
0236	Connector, Printed Circuit	4822 267 10735			
0237	Connector, Printed Circuit, 1 Pin	4822 267 10676			
1184	DW PIP Panel Asm	3139 177 20061			
1327	Crystal, 12 Mhz	4822 242 10694			
1334	Filter, Ceramic, 4MHZ5, TPSCC*MB	2422 549 44043			
1352	Filter, SAW, 45MHZ75	2422 549 43074			
1501	Crystal, Resonator, 32khz76	2422 543 01069			
2261	Cap, 100u, 20%, 25v, Electrolytic	4822 124 40207			
2262	Cap, 1n, 5%, 50v, Ceramic	5322 126 10511			
2265	Cap, 100u, 20%, 25v, Electrolytic	4822 124 40207			
2269	Cap, 47n, 10%, 50v, Ceramic	4822 126 13751			
2301	Cap, 1u, +80/-20%, 10v, Ceramic	3198 017 41050			
2302	Cap, 820p, 5%, 50v, Ceramic	5322 126 10184			
2303	Cap, 4n7, 10%, 63v, Ceramic	5322 126 10223			
2306	Cap, 10n, 10%, 50v	5322 126 11583			
2309	Cap, 100n, 10%, 50v, Ceramic	4822 126 14585			
2311	Cap, 1u, +80/-20%, 10v, Ceramic	3198 017 41050			
2312	Cap, 10nF, 20%, 50v, Ceramic	4822 122 33177			
2313	Cap, 100n, 10%, 50v, Ceramic	4822 126 14585			
2314	Cap, 100n, 10%, 50v, Ceramic	4822 126 14585			
2316	Cap, 22n, 10%, 25V	4822 126 14494			
2317	Cap, 220n, +80/-20%, 16v, Ceramic	4822 126 13879			
2319	Cap, 100n, +80/-20%, 50v, Ceramic	2238 586 59812			
2321	Cap, 4n7, 10%, 63v, Ceramic	5322 126 10223			
2322	Cap, 10u, 20%, 63V	4822 124 40248			
2324	Cap, 100n, 10%, 50v, Ceramic	4822 126 14585			
2327	Cap, 33p, 5%, 50v, Ceramic	2222 867 15339			
2328	Cap, 33p, 5%, 50v, Ceramic	2222 867 15339			
2331	Cap, 2u2, 20%, 50v, Electrolytic	4822 124 22652			
2332	Cap, 220n, +/-80/20, 25v, Ceramic	4822 126 14076			
2333	Cap, 100n, +80/-20%, 50v, Ceramic	2238 586 59812			
2334	Cap, 22n, 10%, 63v, Ceramic	5322 122 32654			
2335	Cap, 1u, +80/-20%, 16v, Ceramic	4822 126 14043			
2336	Cap, 820p, 5%, 50v, Ceramic	5322 126 10184			
2338	Cap, 2,2nF, 10%, 63v, Ceramic	4822 122 33127			
2342	Cap, 47pF, 1%, 63V, Ceramic	4822 126 13692			
2345	Cap, 47pF, 1%, 63V, Ceramic	4822 126 13692			
2348	Cap, 47pF, 5%, 50v, Ceramic	4822 126 11785			
2351	Cap, 10nF, 20%, 50v, Ceramic	4822 122 33177			
2354	Cap, 470n, +80/-20%, 16v, Ceramic	4822 126 13482			
2355	Cap, 1u, +80/-20%, 10v, Ceramic	3198 017 41050			
2356	Cap, 470n, +80/-20%, 16v, Ceramic	4822 126 13482			
2357	Cap, 10p, 1%, 50v, Ceramic	2238 861 18109			
2372	Cap, 4n7, 10%, 63v, Ceramic	5322 126 10223			
2373	Cap, 1uF, 20%, 63V, Electrolytic	4822 124 21913			
2374	Cap, 22n, 10%, 63v, Ceramic	5322 122 32654			
2375	Cap, 1n, 5%, 50v, Ceramic	5322 126 10511			
2376	Cap, 1n, 5%, 50v, Ceramic	5322 126 10511			
2377	Cap, 1n, 5%, 50v, Ceramic	5322 126 10511			
2380	Cap, 10u, 20%, 63V	4822 124 40248			
2385	Cap, 470p, 5%, 50v, Ceramic	4822 126 13881			
2386	Cap, 470p, 5%, 50v, Ceramic	4822 126 13881			
2390	Cap, 47pF, 5%, 50v, Ceramic	4822 126 11785			
2391	Cap, 100p, 5%, 50v, Ceramic	2020 552 94427			
2392	Cap, 47pF, 5%, 50v, Ceramic	4822 126 11785			
2393	Cap, 1n, 5%, 25v, Ceramic	3198 016 31020			
2401	Cap, 1u, +80/-20%, 10v, Ceramic	3198 017 41050			
2402	Cap, 1u, +80/-20%, 10v, Ceramic	3198 017 41050			
2403	Cap, 1u, +80/-20%, 10v, Ceramic	3198 017 41050			
2404	Cap, 1u, +80/-20%, 10v, Ceramic	3198 017 41050			
2405	Cap, 1u, +80/-20%, 10v, Ceramic	3198 017 41050			
2411	Cap, 10u, 20%, 63V	4822 124 40248			
2412	Cap, 220n, +80/-20%, 16v, Ceramic	4822 126 13879			
2415	Cap, 220n, +80/-20%, 16v, Ceramic	4822 126 13879			

2431	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3316	Res, 680 ohm, 5%, 1/16W.	4822	051	30681
2432	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3318	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2434	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3321	Res, 10k, 5%, 1/16W.	4822	051	30103
2436	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3322	Res, 8K2, 1%, 1/16W.	4822	117	12902
2438	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3324	Res, 390 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20391
2439	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3326	Res, 1k, 1%, 0,125W.	5322	117	12487
2440	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3327	Res, 560 ohm, 5%, 1/16W.	4822	051	30561
2501	Cap, 22p, 0.5%, 50V Ceramic.	5322	122	32658	3329	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2502	Cap, 8.2p, 0.5%, 50V	4822	126	14487	3330	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2503	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3333	Res, 1k, 5%, 1/16W	4822	051	30102
2504	Cap, 68n, 10%, 25v, Ceramic.	2020	552	96325	3334	Res, 470R, 5%, 0,062W.	4822	051	30471
2505	Cap, 560p, 10%, 50v, Ceramic.	4822	126	14249	3335	Res, 120 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20121
2506	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3336	Res, 1k, 5%, 1/16W	4822	051	30102
2507	Cap, 1uF, 20%, 63v, Electrolytic	4822	124	21913	3338	Res, 75 ohm, 1%, 1/8W, Metalized Glass	4822	117	11927
2508	Cap, 6n8, 10%, 63v, Ceramic.	5322	126	11582	3339	Res, 10K, 1%, 1/8W, Metalized Glass.	4822	117	10833
2509	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3340	Res, 2k2, 5%, 1/16W.	4822	051	30222
2511	Cap, 100n, 10%, 50v, Ceramic.	4822	126	14585	3341	Res, 47 ohm, 5%, 1/8W, Metalized Glass	4822	051	20479
2811	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3344	Res, 47 ohm, 5%, 1/8W, Metalized Glass	4822	051	20479
2812	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3346	Res, 560 ohm, 5%, 1/16W.	4822	051	30561
2813	Cap, 150p, 5%, 50v, Ceramic.	4822	122	33753	3347	Res, 390 ohm, 5%, 1/16W.	4822	051	30391
2814	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3348	Res, Zero ohm, "Chip" Jumper	4822	051	30008
2816	Cap, 10u, 20%, 63V.	4822	124	40248	3364	Res, 1k, 5%, 1/16W	4822	051	30102
2817	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3365	Res, 1K, 1%, 0,125W.	5322	117	12487
2818	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3370	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2819	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3371	Res, 15K, 1%, 1/8W, Metalized Glass.	4822	116	83933
2821	Cap, 10u, 20%, 63V.	4822	124	40248	3374	Res, 4k7, 5%, 1/16W.	4822	051	30472
2822	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3381	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2823	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3382	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2824	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3383	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2825	Cap, 150p, 2%, 63v, Ceramic.	5322	122	33538	3384	Res, 10k, 5%, 1/16W.	4822	051	30103
2826	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3385	Res, 4k7, 5%, 1/16W.	4822	051	30472
2827	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3386	Res, 10k, 5%, 1/16W.	4822	051	30103
2828	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3387	Res, 39K, 5%, 0,062W	4822	051	30393
2829	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3388	Res, 10k, 5%, 1/16W.	4822	051	30103
2831	Cap, 1u, +80/-20%, 16v, Ceramic.	4822	126	14043	3389	Res, 4k7, 5%, 1/16W.	4822	051	30472
2832	Cap, 1u, +80/-20%, 16v, Ceramic.	4822	126	14043	3390	Res, 470R, 5%, 0,062W.	4822	051	30471
2833	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3401	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2834	Cap, 10u, 20%, 63V.	4822	124	40248	3402	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2836	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3403	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2837	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3404	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2838	Cap, 220u, 20%, 6.3v, Electrolytic	4822	124	11912	3405	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2839	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3411	Res, 47k, 1%, 1/16W.	4822	117	12925
2841	Cap, 10u, 20%, 63V.	4822	124	40248	3412	Res, 47k, 1%, 1/16W.	4822	117	12925
2842	Cap, 150p, 5%, 50v, Ceramic.	4822	122	33753	3413	Res, 1k, 5%, 1/16W	4822	051	30102
2843	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3414	Res, 47k, 1%, 1/16W.	4822	117	12925
2844	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3415	Res, 47k, 1%, 1/16W.	4822	117	12925
2846	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3416	Res, 1k, 5%, 1/16W	4822	051	30102
2847	Cap, 150p, 2%, 63v, Ceramic.	5322	122	33538	3417	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2848	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3418	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2849	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3419	Res, 560 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20561
2851	Cap, 10u, 20%, 63V.	4822	124	40248	3423	Res, 560 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20561
2852	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3424	Res, 560 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20561
2853	Cap, 10u, 20%, 63V.	4822	124	40248	3431	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2854	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3432	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2856	Cap, 150p, 2%, 63v, Ceramic.	5322	122	33538	3437	Res, 4K7, 5%, 1/8W, Metalized Glass.	4822	051	20472
2857	Cap, 150p, 5%, 50v, Ceramic.	4822	122	33753	3438	Res, 470R, 5%, 0,062W.	4822	051	30471
2861	Cap, 10u, 20%, 63V.	4822	124	40248	3439	Res, Zero ohm, "Chip" Jumper	4822	051	20008
2862	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3451	Res, 4k7, 5%, 1/16W.	4822	051	30472
2863	Cap, 22u, 50v, Electrolytic Aluminum	4822	124	81151	3453	Res, 4k7, 5%, 1/16W.	4822	051	30472
2864	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3456	Res, 4k7, 5%, 1/16W.	4822	051	30472
2866	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3457	Res, 4k7, 5%, 1/16W.	4822	051	30472
2867	Cap, 1u, +80/-20%, 10v, Ceramic.	3198	017	41050	3458	Res, 100 ohm, 5%, 1/16W.	4822	051	30101
2868	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3460	Res, 4k7, 5%, 1/16W.	4822	051	30472
2869	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3461	Res, 4k7, 5%, 1/16W.	4822	051	30472
2871	Cap, 1u, +80/-20%, 10v, Ceramic.	3198	017	41050	3462	Res, 2R2, 5%, 1/3W.	4822	052	10228
2872	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3501	Res, 470K, 5%, 1/8W, Metalized Glass	4822	051	20474
2873	Cap, 47n, 10%, 16v, Ceramic.	3198	017	34730	3502	Res, 10M, 5%, 1/16W, Metalized Glass	3198	021	31060
2874	Res, Zero ohm, "Chip" Jumper	4822	051	30008	3503	Res, 470R, 5%, 0,062W.	4822	051	30471
2876	Res, Zero ohm, "Chip" Jumper	4822	051	30008	3504	Res, 6K8, 5%, 0,062W	4822	051	30682
2877	Res, Zero ohm, "Chip" Jumper	4822	051	30008	3506	Res, 10k, 5%, 1/16W.	4822	051	30103
2878	Cap, 100n, 10%, 50v, Ceramic	4822	126	14585	3507	Res, 6K8, 1%, 1/8W, Metalized Glass.	4822	117	11507
2879	Cap, 100n, +80/-20%, 50v, Ceramic.	2238	586	59812	3508	Res, 10M, 5%, 1/16W, Metalized Glass	3198	021	31060
2891	Cap, 1nF, 10%, 63V, Ceramic.	5322	122	31647	3509	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2892	Cap, 47pF, 5%, 50V, Ceramic.	4822	126	11785	3510	Res, 100 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11373
2893	Cap, 47pF, 5%, 50V, Ceramic.	4822	126	11785	3801	Res, 220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503
2894	Cap, 47pF, 5%, 50V, Ceramic.	4822	126	11785	3802	Res, 680 ohm, 1%, 1/8W, Metalized Glass.	4822	117	10361
2895	Cap, 47pF, 1%, 63V, Ceramic.	4822	126	13692	3803	Res, 220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503
2896	Cap, 47pF, 1%, 63V, Ceramic.	4822	126	13692	3804	Res, 680 ohm, 5%, 1/16W.	4822	051	30681
2897	Cap, 47pF, 5%, 50V, Ceramic.	4822	126	11785	3805	Res, 220 ohm, 5%, 1/16W.	4822	051	30221
2898	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3806	Res, 680 ohm, 5%, 1/16W.	4822	051	30681
2899	Cap, 100u, 20%, 25v, Electrolytic.	4822	124	40207	3807	Res, 220 ohm, 5%, 1/16W.	4822	051	30221
3263	Res, 2K2, 1%, 1/8W, Metalized Glass.	4822	117	11449	3808	Res, 680 ohm, 1%, 1/8W, Metalized Glass.	4822	117	10361
3264	Res, 10K, 1%, 1/8W, Metalized Glass.	4822	117	10833	3809	Res, 220 ohm, 5%, 1/16W.	4822	051	30221
3267	Res, 10 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20109	3810	Res, 680 ohm, 5%, 1/16W.	4822	051	30681
3268	Res, 10 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20109	3811	Res, 220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503
3270	Res, Zero ohm, "Chip" Jumper	4822	051	20008	3812	Res, 47 ohm, 5%, 1/16W.	4822	051	30479
3301	Res, 1k, 5%, 1/16W	4822	051	30102	3813	Res, 150 ohm, 5%, 1/16W.	4822	051	30151
3302	Res, 560 ohm, 5%, 1/8W, Metalized Glass.	4822	051	20561	3814	Res, 22k, 5%, 1/16W.	4822	051	30223
3305	Res, 2K7, 1%, 1/8W, Metalized Glass.	4822	117	12955	3816	Res, 47 ohm, 5%, 1/16W.	4822	051	30479
3311	Res, 27K, 5%, 1/8W, Metalized Glass.	4822	051	20273	3817	Res, 150 ohm, 5%, 1/16W.	4822	051	30151
3312	Res, 10K, 1%, 1/8W, Metalized Glass.	4822	117	10833	3818	Res, 47 ohm, 5%, 1/16W.	4822	051	30479
3315	Res, 39K, 1%, 1/8W, Metalized Glass.	4822	117	12708	3821	Res, 150 ohm, 5%, 1/16W.	4822	051	30151

S = Safety Part Be sure to use exact replacement part.

3822	Res,	4k7, 5%, 1/16W.	4822	051	30472	7337	Transistor,	NPN,	BC847BW	3198	010	42310
3823	Res,	680 ohm, 1%, 1/8W, Metalized Glass.	4822	117	10361	7368	Transistor,	NPN,	BC847BW	3198	010	42310
3824	Res,	Zero ohm, "Chip" Jumper	4822	051	30008	7385	Transistor,	NPN,	BC847BW	3198	010	42310
3825	Res,	220 ohm, 5%, 1/16W.	4822	051	30221	7386	Transistor,	NPN,	BC847BW	3198	010	42310
3826	Res,	3k3, 5%, 1/16W.	4822	051	30332	7401	IC, Digital,	MOS,	HEF4053BT	5322	209	14481
3827	Res,	1k8, 1%, 0.063W	4822	117	12903	7402	IC, Digital,	MOS,	HEF4053BT	5322	209	14481
3828	Res,	220 ohm, 5%, 1/16W.	4822	051	30221	7403	IC, Digital,	MOS,	M62320FP	4822	209	17345
3829	Res,	220 ohm, 5%, 1/16W.	4822	051	30221	7411	Transistor,	NPN,	BC847BW	3198	010	42310
3831	Res,	220 ohm, 5%, 1/16W.	4822	051	30221	7412	Transistor,	NPN,	BC847BW	3198	010	42310
3832	Res,	39K, 5%, 0.062W	4822	051	30393	7421	Transistor,	NPN,	BC857BW	3198	010	42320
3833	Res,	3k3, 5%, 1/16W.	4822	051	30332	7422	Transistor,	NPN,	BC857BW	3198	010	42320
3834	Res,	1k8, 1%, 0.063W	4822	117	12903	7434	Transistor,	BC369.		5322	130	44593
3836	Res,	3k3, 5%, 1/16W.	4822	051	30332	7438	Transistor,	NPN,	BC847BW	3198	010	42310
3837	Res,	1k8, 1%, 0.063W	4822	117	12903	7501	IC, Digital,	MOS,	Z86130-12SSC	9322	147	01668
3838	Res,	39K, 5%, 0.062W	4822	051	30393	7801	IC, Digital,	MOS	DRAM, SAB9083H/N4	9352	639	83557
3839	Res,	220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503	7802	IC, Analog Voltage/Current Regulator,	LD1117V33		9322	123	54687
3846	Res,	220 ohm, 1%, 1/8W, Metalized Glass.	4822	117	11503	7803	IC, TDA8601T/C1.			4822	209	12776
3854	Res,	100 ohm, 5%, 1/16W.	4822	051	30101	7804	IC, Digital, MOS, Standard Logic,	74HC163	2GW.	9352	457	50115
3856	Res,	5K6, 5%, 1/8W, Metalized Glass.	4822	051	20562	7805	Transistor,	NPN,	BC847BW	3198	010	42310
3857	Res,	10K, 1%, 1/8W, Metalized Glass.	4822	117	10833	7806	Transistor,	NPN,	BC847BW	3198	010	42310
3858	Res,	5K6, 5%, 1/8W, Metalized Glass.	4822	051	20562	7807	Transistor,	NPN,	BC847BW	3198	010	42310
3862	Res,	1R, 5%, 0.33W	4822	052	10108	7808	Transistor,	NPN,	BC847BW	3198	010	42310
3863	Res,	1R, 5%, 0.33W	4822	052	10108	7809	Transistor,	NPN,	BC847BW	3198	010	42310
3865	Res,	3k3, 5%, 1/16W.	4822	051	30332	7810	Transistor,	NPN,	BC847BW	3198	010	42310
3866	Res,	1k, 5%, 1/16W	4822	051	30102	7824	Transistor,	NPN,	BC847BW	3198	010	42310
3868	Res,	1k8, 1%, 0.063W	4822	117	12903	7828	Transistor,	NPN,	BC847BW	3198	010	42310
3869	Res,	3k3, 5%, 1/16W.	4822	051	30332	7832	Transistor,	NPN,	BC847BW	3198	010	42310
3871	Res,	2k2, 5%, 1/16W.	4822	051	30222	7871	Transistor,	NPN,	BC847BW	3198	010	42310
3872	Res,	470R, 5%, 0.062W.	4822	051	30471	7874	Transistor,	NPN,	BC847BW	3198	010	42310
3873	Res,	1k5, 5%, 1/16W.	4822	051	30152	7876	Transistor,	NPN,	BC857BW	3198	010	42320
3874	Res,	1k5, 5%, 1/16W.	4822	051	30152	7891	Transistor,	NPN,	BC847BW	3198	010	42310
3876	Res,	4K7, 5%, 1/8W, Metalized Glass.	4822	051	20472	7892	Transistor,	NPN,	BC847BW	3198	010	42310
3878	Res,	1k, 5%, 1/16W	4822	051	30102	7893	Transistor,	NPN,	BC847BW	3198	010	42310
3879	Res,	220 ohm, 5%, 1/16W.	4822	051	30221	7894	Transistor,	NPN,	BC857BW	3198	010	42320
3881	Res,	Zero ohm, "Chip" Jumper	4822	051	30008	7895	Transistor,	NPN,	BC847BW	3198	010	42310
3884	Res,	680 ohm, 1%, 1/8W, Metalized Glass.	4822	117	10361							
3886	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
3887	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
3888	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
3889	Res,	33 ohm, 5%, 1/16W	4822	051	30339							
3890	Res,	33 ohm, 5%, 1/16W	4822	051	30339							
3891	Res,	33 ohm, 5%, 1/16W	4822	051	30339							
3892	Res,	4K7, 5%, 1/8W, Metalized Glass.	4822	051	20472							
3893	Res,	1k5, 5%, 1/16W.	4822	051	30152							
3894	Res,	2k2, 5%, 1/16W.	4822	051	30222							
3895	Res,	470R, 5%, 0.062W.	4822	051	30471							
3896	Res,	1k5, 5%, 1/16W.	4822	051	30152							
3897	Res,	220 ohm, 5%, 1/16W.	4822	051	30221							
3898	Res,	1k, 5%, 1/16W	4822	051	30102							
4301	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4306	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4309	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4310	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4311	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4312	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4313	Res,	Zero ohm, "Chip" Jumper	4822	051	20008							
4315	Res,	Zero ohm, "Chip" Jumper	4822	051	20008							
4434	Res,	Zero ohm, "Chip" Jumper	4822	051	20008							
4437	Res,	Zero ohm, "Chip" Jumper	4822	051	20008							
4438	Res,	Zero ohm, "Chip" Jumper	4822	051	20008							
4827	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4828	Res,	Zero ohm, "Chip" Jumper	4822	051	30008							
4831	Res,	220 ohm, 5%, 1/16W.	4822	051	30221							
5261	Coil,	Fixed, 5U6, 10%.	4822	157	11778							
5309	Coil,	680n	4822	157	71334							
5332	Coil,	680n	4822	157	71334							
5333	Coil,	680n	4822	157	71334							
5334	Coil,	680n	4822	157	71334							
5349	Coil,	820n	4822	157	71694							
5350	Coil,	15u.	3198	018	61590							
5351	Coil,	15u.	3198	018	61590							
5401	Coil,	4u7.	2422	535	94637							
5501	Coil,	680n	4822	157	71334							
5816	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5818	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5827	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5834	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5839	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5848	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5849	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5851	Filter,	L/C, BLM21A121SPT	4822	157	11506							
5853	Filter,	L/C, BLM21A121SPT	4822	157	11506							
6412	Diode,	BAS316.	4822	130	11397							
6415	Diode,	BAS316.	4822	130	11397							
6801	Diode,	Reference, UZ3.9B	4822	130	11564							
6802	Diode,	Reference, UZ3.9B	4822	130	11564							
6803	Diode,	BAS316.	4822	130	11397							
7201	Tuner,	V+U PLL	2422	542	90115							
7301	IC,	TDA8887H/N1.	9352	638	72557							
7305	Transistor,	NPN, BC847BW	3198	010	42310							
7307	Transistor,	NPN, BC847BW	3198	010	42310							
7331	Transistor,	NPN, BC857BW	3198	010	42320							

S = Safety Part Be sure to use exact replacement part.

SSB Panel Parts

SSB Panel Parts											
1001	Crystal Resonator,	6MHz, 20p	2422	543	89022						
1100	Connector, V, F, 16 Pin.		2422	025	17202						
1101	Filter, 50V, 67 ohm @ 100MHz		2422	549	45325						
1102	Filter, 50V, 67 ohm @ 100MHz		2422	549	45325						
1103	Filter, 50V, 67 ohm @ 100MHz		2422	549	45325						
1104	Filter, 50V, 67 ohm @ 100MHz		2422	549	45325						
1105	Filter, 50V, 67 ohm @ 100MHz		2422	549	45325						
1185	SSB Panel Assembly		3135	037	12471						
1303	Connector, 5 Pin, M.		2422	025	16966						
1304	Connector, 7 Pin, M.		2422	025	17104						
1308	Crystal Resonator, 3.579545MHz., 16P, HC49/U A.		2422	543	01183						
1401	Connector, V, 10 Pin., F		2422	025	16729						
S 1403	Fuse, 500mA, F, 50V.		2422	086	11092						
1406	Filter, Ceramic, 4MHz5, TPSCC*MB.		2422	549	44043						
1410	Filter, S.A.W. 45Mhz75		2422	549	44377						
1411	Filter, Ceramic, 4.5Mhz.		2422	549	44534						
1651	Crystal Resonator, 18.432MHz, 12P.		2422	543	89019						
1680	Connector, V, 6 Pin, M		2422	025	16961						
1681	Connector, 3 Pin, V, M		2422	025	17103						
1682	Connector, V, 10 Pin., F		2422	025	16729						
1683	Connector, V, 5 Pin, F		2422	025	16793						
1702	Ceramic Resonator, 12MHz., CSTCV		2422	540	98456						
2001	Cap, 33p, 5%, 50V, Ceramic		3198	016	33390						
2002	Cap, 27p, 5%, 50V, Ceramic		3198	016	32790						
2003	Cap, 220n, +80/-20%, 16V, Ceramic.		3198	017	42240						
2004	Cap, 220n, +80/-20%, 16V, Ceramic.		3198	017	42240						
2005	Cap, 100n, 10%, 16V, Ceramic		3198	017	31040						
2006	Cap, 100n, 10%, 16V, Ceramic		3198	017	31040						
2007	Cap, 100n, 10%, 16V, Ceramic		3198	017	31040						
2008	Cap, 100n, 10%, 16V, Ceramic		3198	017	31040						
2010	Cap, 47p, 5%, 50V, Ceramic		3198	016	34790						
2011	Cap, 47p, 5%, 50V, Ceramic		3198	016	34790						
2012	Cap, 47p, 5%, 50V, Ceramic		3198	016	34790						
2013	Cap, 100u, 20%, 16V, Electrolytic.		3198	030	41010						
2016	Cap, 100u, 20%, 16V, Electrolytic.		3198	030	41010						
2017	Cap, 100n, 10%, 16V, Ceramic		3198	017	31040						
2019	Cap, 100n, 10%, 16V, Ceramic		3198	017	31040						
2020	Cap, 220p, 5%, 50V, Ceramic.		3198	016	32210						
2022	Cap, 100n, 10%, 16V, Ceramic		3198	017	31040						
2023	Cap, 100n, 10%, 16V, Ceramic		3198	017	31040						
2024	Cap, 100n, 10%, 16V, Ceramic		3198	017	31040						
2025	Cap, 100n, 10%, 16V, Ceramic		3198	017	31040						
2026	Cap, 100n, 10%, 16V, Ceramic		3198	017	31040						
2027	Cap, 100n, 10%, 16V, Ceramic		3198	017	31040						
2028	Cap, 100n, 10%, 16V, Ceramic		3198	017	31040						
2029	Cap, 100n, 10%, 16V, Ceramic		3198	017	31040						
2031	Cap, 100n, 10%, 16V, Ceramic		3198	017	31040						
2033	Cap, 82p, 5%, 50V, Ceramic		3198	016	38290						
2034	Cap, 82p, 5%, 50V, Ceramic		3198	016	38290						
2035	Cap, 82p, 5%, 50V, Ceramic		3198	016	38290						
2036	Cap, 82p, 5%, 50V, Ceramic		3198	016	38290						

2037	Cap,	82p,	5%,	50V,	Ceramic	3198	016	38290	2529	Cap,	1u,	10%,	10V,	Ceramic	2020	552	96372
2038	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2530	Cap,	1u,	10%,	10V,	Ceramic	2020	552	96372
2039	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2548	Cap,	10u,	20%,	16V,	Electrolytic	3198	030	41090
2040	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2549	Cap,	10u,	20%,	16V,	Electrolytic	3198	030	41090
2052	Cap,	10p,	5%,	50V,	Ceramic	3198	016	31090	2550	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2053	Cap,	10p,	5%,	50V,	Ceramic	3198	016	31090	2552	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2054	Cap,	10p,	5%,	50V,	Ceramic	3198	016	31090	2553	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2055	Cap,	10p,	5%,	50V,	Ceramic	3198	016	31090	2554	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2056	Cap,	10p,	5%,	50V,	Ceramic	3198	016	31090	2555	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2057	Cap,	10p,	5%,	50V,	Ceramic	3198	016	31090	2562	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2100	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2563	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2101	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2564	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2102	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2565	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2103	Cap,	10u,	20%,	16V,	Electrolytic	2020	021	91854	2566	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2104	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2567	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2105	Cap,	1n,	10%,	50V,	Ceramic	3198	017	31020	2568	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2106	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2569	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2107	Cap,	1n,	10%,	50V,	Ceramic	3198	017	31020	2570	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2108	Cap,	1n,	10%,	50V,	Ceramic	3198	017	31020	2571	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2109	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2574	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2110	Cap,	10u,	20%,	16V,	Electrolytic	2020	021	91854	2575	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2111	Cap,	1n,	10%,	50V,	Ceramic	3198	017	31020	2576	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2112	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2577	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2302	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2578	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2303	Cap,	10n,	10%,	50V,	Ceramic	3198	017	01030	2579	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2312	Cap,	33n,	5%,	50V,	Ceramic	2020	552	96659	2582	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2312	Cap,	33n,	5%,	16V,	Ceramic	2222	781	11569	2583	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2340	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010	2584	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2342	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2585	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2350	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2586	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2351	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2590	Cap,	100p,	5%,	50V,	Ceramic	3198	016	31010
2352	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2592	Cap,	1n,	10%,	50V,	Ceramic	3198	017	31020
2356	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2593	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2357	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2594	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2358	Cap,	3n3,	10%,	50V,	Ceramic	3198	017	33320	2595	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2361	Cap,	1p2,	21%,	50V,	Ceramic	3198	016	31280	2609	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2362	Cap,	12p,	5%,	50V,	Ceramic	3198	016	31290	2610	Cap,	2n2,	10%,	50V,	Ceramic	3198	017	32220
2365	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2611	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2366	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2632	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856
2367	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2634	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2368	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2640	Cap,	220n,	+80/-20%,	16V,	Ceramic	3198	017	42240
2369	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2643	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856
2370	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2644	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2371	Cap,	4n7,	10%,	50V,	Ceramic	3198	017	34720	2645	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856
2372	Cap,	1u,	+80/-20%,	16V,	Ceramic	3198	017	21050	2646	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250
2373	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2649	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250
2374	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250	2651	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2375	Cap,	22n,	10%,	25V,	Ceramic	3198	017	32230	2652	Cap,	47p,	5%,	50V,	Ceramic	3198	016	34790
2376	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2653	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856
2377	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010	2654	Cap,	470p,	5%,	50V,	Ceramic	3198	016	34710
2378	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2659	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2384	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2660	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2388	Cap,	33n,	10%,	16V,	Ceramic	3198	017	33330	2661	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856
2389	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250	2662	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856
2390	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2663	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2391	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2664	Cap,	470p,	10%,	50V,	Ceramic	3198	017	34710
2394	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250	2665	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010
2395	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2666	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010
2396	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2667	Cap,	3p3,	8%,	50V,	Ceramic	3198	016	33380
2397	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2668	Cap,	3p3,	8%,	50V,	Ceramic	3198	016	33380
2399	Cap,	47p,	5%,	50V,	Ceramic	3198	016	34790	2670	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2401	Cap,	10n,	10%,	50V,	Ceramic	3198	017	31030	2673	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2404	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250	2674	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2405	Cap,	4n7,	10%,	50V,	Ceramic	3198	017	34720	2677	Cap,	10u,	20%,	16V,	Electrolytic	3198	030	41090
2411	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2678	Cap,	10u,	20%,	16V,	Electrolytic	3198	030	41090
2412	Cap,	4n7,	10%,	50V,	Ceramic	3198	017	34720	2679	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2413	Cap,	47u,	20%,	16V,	Electrolytic	3198	030	44790	2680	Cap,	10u,	20%,	16V,	Electrolytic	3198	030	41090
2418	Cap,	12p,	5%,	50V,	Ceramic	3198	016	31290	2681	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2420	Cap,	150p,	5%,	50V,	Ceramic	3198	016	31510	2682	Cap,	10u,	20%,	16V,	Electrolytic	3198	030	41090
2422	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040	2686	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2425	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010	2687	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2501	Cap,	47p,	5%,	50V,	Ceramic	3198	016	34790	2690	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2502	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856	2691	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2503	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856	2693	Cap,	220p,	5%,	50V,	Ceramic	3198	016	32210
2504	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856	2694	Cap,	1n,	5%,	25V,	Ceramic	3198	016	31020
2505	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856	2695	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010
2506	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856	2697	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2507	Cap,	330n,	+80/-20%,	25V,	Ceramic	2222	910	19856	2698	Cap,	2u2,	+80/-20%,	10V,	Ceramic	3198	017	22250
2508	Cap,	100u,	20%,	16V,	Electrolytic	3198	030	41010	2709	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2510	Cap,	1u,	10%,	16V,	Ceramic	2020	552	96448	2710	Cap,	100n,	10%,	16V,	Ceramic	3198	017	31040
2511	Cap,	1u,	10%,	16V,	Ceramic	2020	552	96448	2711	Cap,	100n,	10%,	16V,				

S = Safety Part Be sure to use exact replacement part.

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3745 Res, 1K, 5%, 1/16W, Metalized Glass. . .	3198 021 31020	5726 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3746 Res, 3K9, 5%, 1/16W, Metalized Glass. . .	3198 021 33920	5727 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3747 Res, 150K, 5%, 1/16W, Metalized Glass. . .	3198 021 31540	5728 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3748 Res, 220K, 5%, 1/16W, Metalized Glass. . .	3198 021 32240	5729 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3749 Res, 3K9, 5%, 1/16W, Metalized Glass. . .	3198 021 33920	5731 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3750 Res, 3K3, 5%, 1/16W, Metalized Glass. . .	3198 021 33320	5736 Coil, 6u8.	3198 018 36880
3751 Res, 4K7, 5%, 1/16W, Metalized Glass. . .	3198 021 34720	5737 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3752 Res, 1 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31080	5738 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3753 Res, 1 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31080	5742 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3754 Res, 100 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31010	5743 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090
3755 Res, 4K7, 5%, 1/16W, Metalized Glass. . .	3198 021 34720	5744 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3756 Res, 8K2, 5%, 1/16W, Metalized Glass. . .	3198 021 38220	5900 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3757 Res, 47 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 34790	5901 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3758 Res, 4K7, 5%, 1/16W, Metalized Glass. . .	3198 021 34720	5902 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3759 Res, 220 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 32210	5903 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3762 Res, 100 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31010	5904 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060
3763 Res, 22 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 32290	5910 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3764 Res, 10 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31090	5911 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3771 Res, 15 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31590	5912 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3772 Res, 15 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31590	5913 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3773 Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5914 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3774 Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5915 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3781 Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5917 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3782 Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5918 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3783 Res, 47K, 5%, 1/16W, Metalized Glass. . .	3198 021 34730	5919 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3792 Res, 1K, 5%, 1/16W, Metalized Glass. . .	3198 021 31020	5920 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90040
3793 Res, 2K2, 5%, 1/16W, Metalized Glass. . .	3198 021 32220	6001 Diode, Signal, BAT54.	3198 010 10660
3794 Res, 15 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 31590	6002 Diode, Signal, BAS316.	3198 010 10630
3795 Res, 33 ohm, 5%, 1/16W, Metalized Glass. . .	3198 021 33390	6003 Diode, Signal, BAT54.	3198 010 10660
3804 Res, 1K, 5%, 1/16W, Metalized Glass. . .	3198 021 31020	6004 Diode, Signal, BAT54.	3198 010 10660
5150 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6005 Diode, Regulator, PLVA2650A.	9340 309 70215
5151 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6320 Diode, Signal, BAS316.	3198 010 10630
5152 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6321 Diode, Signal, BAS316.	3198 010 10630
5153 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6322 Diode, Signal, BAS316.	3198 010 10630
5154 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6652 Zener Diode, 10V.	3198 020 51090
5155 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	6657 Zener Diode, 2.7 volt.	9340 548 43115
5303 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	6658 Diode, Signal, BAS316.	3198 010 10630
5304 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	6926 Zener Diode, 8.2V.	3198 020 58280
5305 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	6956 Zener Diode, 8.2V.	3198 020 58280
5306 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	6957 Zener Diode, 8.2V.	3198 020 58280
5307 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7001 IC, TV System Controller, QFP120, SAA5801	
5308 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	H/015.	9352 684 81557
5309 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7002 Transistor, NPN, BC857BW.	3198 010 42320
5310 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7003 Transistor, NPN, BC847BW.	3198 010 42310
5311 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7004 Transistor, NPN, BC847BW.	3198 010 42310
5402 Coil, 8u2.	3198 018 38280	7005 IC, Adj. Pos. Voltage Regulator.	9322 116 74668
5404 Inductor, Fixed, EMI, 120 ohm@100MHZ.	2422 535 95427	7006 IC, CMOS Flash Memory, TC58FV5T2ATG65.	9322 194 83671
5405 Inductor, Fixed, EMI, 120 ohm@100MHZ.	2422 535 95427	7007 IC, CMOS 16 Bit Dynamic RAM, MSM51V18165F.	9322 157 20668
5406 Res, Zero ohm, 'Chip' Jumper.	3198 021 90020	7007 IC, CMOS 16-Bit Dynamic RAM, IS41LV16100.	9322 200 55668
5408 IND VAR SM 5CCB 91MHZ PM R.	2422 549 44875	7008 Transistor, NPN, BC847BW.	3198 010 42310
5409 IND FXD 0603 EMI 100MHZ 120R.	2422 549 42893	7009 Transistor, NPN, BC847BW.	3198 010 42310
5409 Inductor, Fixed, 100MHZ, 120R.	2422 549 42896	7010 Transistor, NPN, BC857BW.	3198 010 42320
5411 Coil, 330n.	3198 018 33370	7011 IC, M24C32-WMN6.	9322 124 74668
5415 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7013 Transistor, NPN, BC847BW.	3198 010 42310
5416 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7014 Transistor, NPN, BC857BW.	3198 010 42320
5417 Coil, 33u.	3198 018 33390	7015 Transistor, NPN, PMBT2369.	3198 010 43360
5651 Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7016 Transistor, NPN, PMBT2369.	3198 010 43360
5652 Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7100 IC, 3.3V Prog. LVDS Transmitter, DS90C385.	9322 159 45668
5653 Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7305 Transistor, NPN, BC847BW.	3198 010 42310
5654 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7312 Transistor, NPN, PDC144EU.	3198 010 44330
5655 Coil, 22u.	3198 018 32290	7320 Transistor, NPN, BC847BW.	3198 010 42310
5656 Coil, 6u8.	3198 018 36880	7322 Transistor, NPN, BC847BW.	3198 010 42310
5657 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7323 IC, IIC-Bus Controlled TV Processor.	9352 625 24518
5658 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7375 Transistor, NPN, BC847BW.	3198 010 42310
5659 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7402 Transistor, NPN, BC847BW.	3198 010 42310
5660 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7404 Transistor, NPN, BC847BW.	3198 010 42310
5661 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7408 Transistor, PNP, BC857B.	3198 010 42150
5662 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7409 Transistor, PNP, BC857B.	3198 010 42150
5663 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7410 Transistor, NPN, BC847BW.	3198 010 42310
5664 Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7411 Transistor, NPN, BC847B.	3198 010 42030
5665 Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7651 IC, Multi-standard Sound Processor, MSP34	
5666 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	21G.	9322 183 23671
5667 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7654 Transistor, NPN, BC847BS.	9340 425 20115
5668 Res, Zero ohm, 'Chip' Jumper.	3198 021 90030	7664 Transistor, NPN, BC847BPN.	9340 425 30115
5669 Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7665 Transistor, NPN, BC847BPN.	9340 425 30115
5670 Ferrite Bead, 30 ohm@100MHZ.	2422 549 43769	7666 Transistor, NPN, BC847BPN.	9340 425 30115
5671 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7668 Transistor, NPN, BC857BW.	3198 010 42320
5672 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7674 Transistor, NPN, BC847BW.	3198 010 42310
5706 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7675 Transistor, NPN, BC847BS.	9340 425 20115
5707 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7678 Transistor, NPN, BC847BS.	9340 425 20115
5710 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7679 Transistor, NPN, BC847BS.	9340 425 20115
5711 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7681 IC, LP/LN Operational Amplifier.	9322 060 73668
5712 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7682 Transistor, NPN, BC847B.	3198 010 42030
5713 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7706 IC, Digital, LF25CDT.	9322 142 88668
5714 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90080	7706 IC, Voltage Regulator w/Inhibit.	9322 164 71668
5716 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7707 Transistor, NPN, BC847B.	3198 010 42030
5717 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7708 Transistor, NPN, BC847B.	3198 010 42030
5718 Inductor, Fixed, 100MHZ, 30 ohm.	3198 018 90060	7709 Transistor, NPN, BC847B.	3198 010 42030
5719 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7710 Transistor, NPN, BC847B.	3198 010 42030
5721 Inductor, Fixed, 100MHZ, 600 ohm.	3198 018 90080	7711 IC Socket, 32 Pin, V, F.	2422 486 80938
5722 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7711 IC, 512 Kbit EPOM, M27C512.	9322 127 85668
5724 Inductor, Fixed, 1k ohm@100MHZ, ...	3198 018 90090	7712 IC, Octal D-type Transparent Latch.	9351 870 00118

S = Safety Part Be sure to use exact replacement part.

7713	IC, PICNIC, SAA4978H	9352	688	09557
7714	IC, (2) 2Mbit FIFO Memory, MS81V04160A-25 TB.	9322	192	96702
7715	Transistor, NPN, PMBT2369.	3198	010	43360
7717	IC, 3M-bit FIFO Memory, MSM54V12222B	9322	183	81668
7718	IC, Field/Line Rate Converter, SAA4993H.	9352	695	58557
7719	IC, 3M-bit FIFO Memory, MSM54V12222B	9322	183	81668
7722	IC, (2) 2Mbit FIFO Memory, MS81V04160A-25 TB.	9322	192	96702
7723	IC, (2) 2Mbit FIFO Memory, MS81V04160A-25 TB.	9322	192	96702
7724	IC, EAGLE - Video Enhancment Processor, T 8F24EF	9322	188	08702
7725	Transistor, NPN, PMBT2369.	3198	010	43360
7726	IC, Adj. Pos. Volt. Reg., LD1117DT33	9322	134	45668
7727	IC, Low Drop Volt. Reg. w/Inhibit, LF15AB DT.	9322	170	14668
7734	IC, Inverter, LVLP, 74LVC1G04.	3198	010	70390
7735	IC, D-type flip-flop, 74LVC1G79.	9352	686	75125
9008	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9009	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9010	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9011	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9012	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9013	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9014	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9302	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9303	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9304	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9313	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9322	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9401	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9403	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9406	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9407	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9410	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9413	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9414	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9416	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9417	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9520	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9522	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9603	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9604	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9610	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9611	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9632	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9642	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9645	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9652	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9676	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9677	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9682	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9683	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9684	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9685	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9686	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9687	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9688	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9689	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9691	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9692	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9702	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9703	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9704	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9712	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9714	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9716	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9717	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9718	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9719	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9721	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9723	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9725	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9729	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9731	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9733	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9735	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9739	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9740	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9741	Res, Network, 4x10 ohm, 5%	3198	031	11090
9744	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9747	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9754	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9760	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9761	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9762	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9763	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9764	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9765	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9768	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9769	Res, Zero ohm, 'Chip' Jumper	3198	021	90030

S = Safety Part Be sure to use exact replacement part.

9901	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9902	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9903	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9904	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9905	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9906	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9907	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9908	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9909	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9919	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9920	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9921	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9925	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9927	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9928	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9929	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9935	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9937	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9938	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9939	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9944	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9945	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9946	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9947	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9948	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9949	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9950	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9951	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9952	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9953	Res, Zero ohm, 'Chip' Jumper	3198	021	90030
9954	Res, Zero ohm, 'Chip' Jumper	3198	021	90030

Scaler Board MSB Panel

Scaler Board MSB Panel				
0300	Connector, 64 Pin, BM, M	2422	025	17714
0303	Socket, DVI Connector, H, 24 Pin, F.	2422	033	00484
0305	Socket, DVI Connector, H, 24 Pin, F.	2422	033	00484
0308	Phono Jack Board, 4 Plugs, Red & White	2422	026	05422
0310	Sub-D Connector, 15 Pin, BM, F.	2422	025	17027
0311	Phono Jack Board, 6 Plugs, Red , Blue, Gr eent	2422	026	05421
0315	Connector, 5 Pin, M, IDE	2422	025	17931
1100	Connector, V, F, 16 Pin.	2422	025	17202
1101	Connector, 4 Pin	2422	025	12479
1105	Connector, 10 Pin, V, M.	2422	021	98888
1106	Connector, 10 Pin, V, M.	2422	021	98888
1152	Scaler Board MSB Panel Assembly.	3122	357	22272
1300	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1301	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1302	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1303	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1401	Connector, V, 10 Pin,, F.	2422	025	16729
1501	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1502	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1503	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1504	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1505	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1700	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1701	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1702	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
1703	Filter, 50V, 67 ohm @ 100MHz	2422	549	45325
2101	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2102	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2103	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2104	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2105	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2106	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2107	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2108	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2109	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2110	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2111	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2121	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2122	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2138	Cap, 220p, 5%, 50V, Ceramic	3198	016	32210
2139	Cap, 470n, +80/-20%, 10V, Ceramic.	3198	017	44740
2151	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2152	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2153	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2154	Cap, 47n, 10%, 16V, Ceramic	3198	017	34730
2155	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2156	Cap, 47n, 10%, 16V, Ceramic	3198	017	34730
2157	Cap, 22p, 5%, 50V, Ceramic	3198	016	32290
2158	Cap, 47n, 10%, 16V, Ceramic	3198	017	34730
2159	Cap, 4p7, 5%, 50V, Ceramic	3198	016	34780
2160	Cap, 10u, 20%, 16V, Electrolytic	3198	030	41090
2161	Cap, 100u, 20%, 6.3V, Electrolytic	2020	012	93793
2170	Cap, 10u, 20%, 16V, Electrolytic	3198	030	41090
2171	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2172	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2173	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040
2174	Cap, 100n, 10%, 16V, Ceramic	3198	017	31040

S = Safety Part Be sure to use exact replacement part.

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5582	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	5759	IC, Triple 2 Ch. Analog Multiplex/Demulti			
5583	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	plexer		9337	153	20118
5584	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7592	IC, Ultra Fast Comparator, TL3016.	9322	125	63668
5585	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7593	IC, Hex Inverting Schmitt-trigger, 74LVC1			
5633	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	4A.		9352	607	39118
5710	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7594	Transistor, NPN, BC847BW	3198	010	42310
5711	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7633	IC, Serial EEPROM.	9322	046	99668
5712	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7710	IC, Wide Band Analog Switch, M52758FP.	9322	185	90668
5715	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7715	Transistor, NPN, BC847BW	3198	010	42310
5724	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7716	Transistor, NPN, BC847BW	3198	010	42310
5746	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7717	Transistor, NPN, BC847BW	3198	010	42310
5747	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7725	Transistor, NPN, BC847BW	3198	010	42310
5749	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7746	IC, HDCP Panellink Receiver, SII169CT100	9322	185	97668
5751	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7747	IC, Serial EEPROM.	9322	046	99668
5780	Ferrite Bead, 30 ohm@100MHZ.	2422	549	43769	7749	Transistor, N-Ch. Enhancement FET.	9339	663	40215
5830	Coil, 22u.	2422	535	95278	7750	Transistor, N-Ch. Enhancement FET.	9339	663	40215
5860	Coil, 22u.	2422	535	95278	7820	IC, Adj. Step Down PWM Controller, L6910	9322	182	77668
5890	Coil, 22u.	2422	535	95278	7830	Transistor, Dual N-Ch. MOSFET, SI4936ADY	9322	160	70668
5892	Coil, 22u.	2422	535	95278	7850	IC, Adj. Step Down PWM Controller, L6910	9322	182	77668
6220	Diode, Signal, BAV99	3198	010	10620	7860	Transistor, Dual N-Ch. MOSFET, SI4936ADY	9322	160	70668
6221	Diode, Signal, BAV99	3198	010	10620	7870	IC, Adj. Pos. Volt. Reg., LD1117DT	9322	144	97668
6405	Diode, Signal, BAT54	3198	010	10660					
6485	Diode, Signal, BAT54	3198	010	10660					
6581	Diode, Signal, BAS316.	3198	010	10630					
6630	Zener Diode, 6.8V.	3198	020	56880					
6631	Zener Diode, 6.8V.	3198	020	56880					
6632	Zener Diode, 6.8V.	3198	020	56880					
6633	Zener Diode, 33V	3198	020	53390					
6634	Zener Diode, 33V	3198	020	53390					
6635	Zener Diode, 33V	3198	020	53390					
6636	Zener Diode, 33V	3198	020	53390					
6637	Zener Diode, 6.8V.	3198	020	56880					
6638	Zener Diode, 6.8V.	3198	020	56880					
6639	Zener Diode, 6.8V.	3198	020	56880					
6640	Zener Diode, 6.8V.	3198	020	56880					
6641	Zener Diode, 6.8V.	3198	020	56880					
6642	Zener Diode, 6.8V.	3198	020	56880					
6643	Zener Diode, 6.8V.	3198	020	56880					
6710	Zener Diode, 6.8V.	3198	020	56880					
6711	Zener Diode, 6.8V.	3198	020	56880					
6712	Zener Diode, 6.8V.	3198	020	56880					
6745	Diode, Signal, BAV99	3198	010	10620					
6746	Diode, Signal, BAV99	3198	010	10620					
6747	Diode, Signal, BAV99	3198	010	10620					
6748	Diode, Signal, BAV99	3198	010	10620					
6749	Diode, Signal, BAV99	3198	010	10620					
6750	Diode, Signal, BAV99	3198	010	10620					
6751	Zener Diode, 6.8V.	3198	020	56880					
6752	Zener Diode, 6.8V.	3198	020	56880					
6753	Diode, Signal, BAV99	3198	010	10620					
6754	Diode, Signal, BAV99	3198	010	10620					
6755	Diode, Signal, BAS316.	3198	010	10630					
6756	Diode, Signal, BAS316.	3198	010	10630					
6757	Zener Diode, 33V	3198	020	53390					
6758	Zener Diode, 33V	3198	020	53390					
6759	Zener Diode, 33V	3198	020	53390					
6760	Zener Diode, 33V	3198	020	53390					
6761	Zener Diode, 6.8V.	3198	020	56880					
6820	Diode, Signal, BAS316.	3198	010	10630					
6830	Diode, Rect, PRLL5819	9339	680	20115					
6850	Diode, Signal, BAS316.	3198	010	10630					
6860	Diode, Rect, PRLL5819	9339	680	20115					
7107	IC, 2 Ch. IIC Multiplexer, PCA9540	9352	666	74118					
7120	IC, Prog. Gate Array, EP1C6Q240C8.	9322	196	44671					
7137	IC, Volt Det. w/Prog. Delay, NCP303LS09.	9322	186	29685					
7160	IC, Adj. Pos. Volt. Reg., LD1117DT33	9322	134	45668					
7170	IC, 140 MSPS Analog Interface, AD9883A	9322	181	72671					
7195	IC, 100 MSPS, 3V A/D Converter, AD9283	9322	197	13668					
7255	IC, Serial Conf. Flash Memory, 1Mbit, EPC								
S1.		9322	196	51682					
7260	IC, Serial Conf. f/APEX & FLEX Dev., EPC2	9322	141	53682					
7295	IC, Digital Transmitter, SII160CT100	9322	171	04671					
7345	IC, 205 MSPS Analog FP Interface, AD9888	9322	179	30671					
7346	IC, Adj. Pos. Voltage Regulator.	9322	116	74668					
7347	IC, Quad Buffer/Driver, 74LVC125AD	9352	317	00118					
7405	IC, M24C32-WMN6.	9322	124	74668					
7406	IC, 64k x 16-bit Static RAM, CY62126BV	9322	164	75682					
7407	IC, PW181 Image Processor, PW181-10Q	9322	184	01671					
7409	IC, 16Mbit, 3V Flash Memory, M29W160ET	9322	194	74668					
7411	Crystal Oscillator, 14.31818MHz, FXO-34FL	2722	171	08787					
7484	Transistor, N-Ch. Enhancement FET.	9339	663	40215					
7486	Transistor, NPN, BC847BW	3198	010	42310					
7487	Transistor, NPN, BC847BW	3198	010	42310					
7490	Transistor, NPN, BC847BW	3198	010	42310					
7491	Transistor, NPN, BC847BW	3198	010	42310					
7494	IC, Prog. Shunt Volt. Ref., TS431.	9322	192	16685					
7537	IC, LVDS Receiver to 24bit Conv., DS90CF3								
86.		9322	164	41668					
7581	IC, Dual Retrigger Mono Multivibrator, 74HC								
T4538.		9337	153	90118					
7582	Transistor, NPN, BC847BW	3198	010	42310					
7583	IC, Video Sync Separator, LM188.	9322	005	78668					

Cabinet & Accessory Parts

0005	System Cooling Fan Assembly.	3135	037	71361					
0009	Cable, Thermal Sw. 2 Pin, 600mm.	3135	038	70071					
0010	Roller Switch, f/Light Engine Lamp Door.	3135	038	40011					
0016	Lamp, Light Engine	3122	438	71310					
0017	Light Engine Asm., 1.18" D62 XION 1.05	3122	437	11491					
0018	Bracket, Light Engine.	3135	034	01923					
0019	Screen, Lenticular, LCoS 62W	3135	033	20541					
0020	Screen, Fresnel, LCoS 62W.	3135	033	20531					
0021	Mirror, 62 LCoS.	3135	034	90181					
0023	Shield, Light, 62W	3135	034	04252					
0024	Stud, Adjusting, f/Light Engine (3 used)	3135	030	40281					
0025	Bracket, Adjust.	3135	031	10021					
0030	Cabinet Front Asm., LCoS, 62W.	3135	037	54611					
0032	Cabinet Top, 62W	3135	037	54691					
0034	Upper Backcover, 62W	3135	037	54631					
0036	Lower Backcover, 62W	3135	037	54651					
0038	Cabinet Base, 62W.	3135	034	04391					
0039	Baffle, Speaker.	3135	037	54671					
0065	Philips Wordmark	3135	030	00491					
0066	Overlay f/Control Housing.	3135	030	00411					
0067	Label, Rear Jack Panel	3135	037	54291					
0071	Label, Rear Center Channel Sw.	3135	030	00361					
0075	Vertical Rail, Left Side, LCoS 62W	3135	031	20551					
0076	Vertical Rail, Right Side, LCoS 62W.	3135	031	20561					
0077	Rail, Screen, Horizontal, LCoS 62W (2 use								
d).		3135	031	20572					
0081	Frame f/Mirror 62W	3135	034	04231					
0088	Bracket f/Back Support 62W LCoS (2 used)	3135	031	20541					
0090	Bracket Left, Cabinet Support.	3135	031	20274					
0091	Bracket Right, Cabinet Support	3135	031	20264					
0092	Rail Support Bracket, LCoS 62W	3135	031	20582					
0093	Support Bracket, Back, 62W LCoS.	3135	031	20601					
0096	Door, Lamp Access.	3135	034	04271					
0098	Filter Assembly.	3135	037	51811					
0106	Rail, System Asm. Left	3135	031	20332					
0107	Rail, System Asm. Right.	3135	031	20342					
0124	Frame f/Control Housing.	3135	037	51871					
0127	Frame, f/Side Jack Panel	3135	037	54211					
0132	Frame, f/LED Sensor Panel.	3135	034	01872					
0167	Documentation, Quick Use Guide, English.	3135	035	22893					
0168	Documentation, Owner's Manual, English	3135	035	22883					
0193	Option Code Label, LCoS 2004	3135	035	23211					
0323	Washer, Flat, f/Light Eng. Adj. Studs (6								
used).		3135	030	40171					
0324	Nut, M5, f/Light Eng. Adj. Studs (3 used)	3135	030	40181					
1085	Remote Transmitter, RC4308/01B	3128	147	16361					
5213	Speaker, 8 ohm, 25W, Woofer (2 used).	2422	264	00463					
5214	Speaker, 8 ohm, 25W, Tweeter (2 used).	2422	264	00464					
S 8190	Mainscord, USA, 7A, 2M4, VH BK	2422	070	98164					
8610	Cable, DVI-D/450/DVI-D	3135	031	02121					

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Philips Consumer Electronics

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Safety Notes

IMPORTANT SAFETY NOTICE

WARNING

SAFETY CHECKS

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- IMPLOSION
- X-RADIATION
- LEAKAGE CURRENT COLD CHECK
- LEAKAGE CURRENT HOT CHECK
- PICTURE TUBE REPLACEMENT
- PARTS REPLACEMENT

TV SAFETY NOTES

SAFETY PRECAUTIONS FOR TV CIRCUITS

PRECAUTIONS DURING SERVICE

SAFETY CHECK AFTER SERVICING

PRODUCT SAFETY GUIDELINES FOR ALL PRODUCTS

PREVENTION OF ELECTROSTATIC DISCHARGE (ESD)

REFER TO SAFETY GUIDELINES

SAFETY NOTICE: ANY PERSON ATTEMPTING TO SERVICE THIS CHASSIS MUST FAMILIARIZE HIMSELF WITH THE CHASSIS AND BE AWARE OF THE NECESSARY SAFETY PRECAUTIONS TO BE USED WHEN SERVICING ELECTRONIC EQUIPMENT CONTAINING HIGH VOLTAGES.

CAUTION: USE A SEPARATE ISOLATION TRANSFORMER FOR THIS UNIT WHEN SERVICING

GENERAL SAFETY NOTES

IMPORTANT SAFETY NOTICE

Proper service and repair is important to the safe, reliable operation of all Philips Consumer Electronics Company** equipment. The service procedures recommended by Philips and described in this service manual are effective methods of performing service operations. Some of these service operations require the use of tools specially designed for the purpose. The special tools should be used when and as recommended.

It is important to note that this manual contains various **CAUTIONS** and **NOTICES** which should be carefully read in order to minimize the risk of personal injury to service personnel. The possibility exists that improper service methods may damage the equipment. It also is important to understand that these **CAUTIONS** and **NOTICES ARE NOT EXHAUSTIVE**. Philips could not possibly know, evaluate and advise the service trade of all conceivable ways in which service might be done or of the possible hazardous consequences of each way. Consequently, Philips has not undertaken any such broad evaluation. Accordingly, a servicer who uses a service procedure or tool which is not recommended by Philips must first satisfy himself thoroughly that neither his safety nor the safe operation of the equipment will be jeopardized by the service method selected.

** Hereafter throughout this manual, Philips Consumer Electronics Company will be referred to as Philips.

WARNING

Critical components having special safety characteristics are identified with a  or "**S**" by the Ref. No. in the parts list and enclosed within a broken line* (where several critical components are grouped in one area) along with the safety symbol  on the schematics or exploded views. Use of substitute replacement parts which do not have the same specified safety characteristics may create shock, fire, or other hazards. Under no circumstances should the original design be modified or altered without written permission from Philips. Philips assumes no liability, express or implied, arising out of any unauthorized modification of design. Servicer assumes all liability.

- Broken Line _____

SAFETY CHECKS

After the original service problem has been corrected, a complete safety check should be made. Be sure to check over the entire set, not just the areas where you have worked. Some previous servicer may have left an unsafe condition, which could be unknowingly passed on to Your customer. Be sure to check all of the following:

FIRE AND SHOCK HAZARD

IMPLOSION

X-RADIATION

LEAKAGE CURRENT COLD CHECK

LEAKAGE CURRENT HOT CHECK

PICTURE TUBE REPLACEMENT

FIRE AND SHOCK HAZARD

1. Be sure all components are positioned in such a way as to avoid the possibility of adjacent component shorts. This is especially important on those chassis which are transported to and from the service shop.
2. Never release a repaired unit unless all protective devices such as insulators, barriers, covers, strain reliefs, and other hardware have been installed in accordance with the original design.
3. Soldering and wiring must be inspected to locate possible cold solder joints, solder splashes, sharp solder points, frayed leads, pinched leads, or damaged insulation (including the ac cord). Be certain to remove loose solder balls and all other loose foreign particles.
4. Check across-the-line components and other components for physical evidence of damage or deterioration and replace if necessary. Follow original layout, lead length, and dress.
5. No lead or component should touch a receiving tube or a resistor rated at 1 watt or more. Lead tension around protruding metal surfaces or edges must be avoided.
6. Critical components having special safety characteristics are identified with an '**S**' by the Ref. No. in the parts list and enclosed within a broken line* (where several critical components are grouped in one area) along with the safety symbol  on the schematic diagrams and /or exploded views.
7. When servicing any unit, always use a separate isolation transformer for the chassis. Failure to use a separate isolation transformer may expose you to possible shock hazard, and may cause damage to servicing instruments.
8. Many electronic products use a polarized ac line cord (one wide pin on the plug). Defeating this safety feature may create a potential hazard to the servicer and the user. Extension cords which do not incorporate the polarizing feature should never be used.
9. After reassembly of the unit, always perform an ac leakage test or resistance test from the line cord to all exposed metal parts of the cabinet. Also, check all metal control shafts (with knobs removed), antenna terminals, handles, screws, etc., to be sure the unit may be safely operated without danger of electrical shock.

* **Broken line** _____

IMPLOSION

1. All picture tubes used in current model receivers are equipped with an integral implosion system. Care should always be used, and safety glasses worn, whenever handling any picture tube. Avoid scratching or otherwise damaging the picture tube during installation.
2. Use only replacement tubes specified by the manufacturer.

X-RADIATION

1. Be sure procedures and instructions to all your service personnel cover the subject of X-radiation. Potential sources of X-rays in TV receivers are the picture tube and the high voltage circuits. The basic precaution which must be exercised is to keep the high voltage at the factory recommended level.
2. To avoid possible exposure to X-radiation and electrical shock, only the manufacturer's specified anode connectors must be used.
3. It is essential that the service technician has an accurate HV meter available at all times. The calibration of this meter should be checked periodically against a reference standard.
4. When the HV circuitry is operating properly there is no possibility of an X-radiation problem. High voltage should always be kept at the manufacturer's rated value - no higher - for optimum performance. Every time a color set is serviced, the brightness should be run up and down while monitoring the HV with a meter to be certain that the HV is regulated correctly and does not exceed the specified value. We suggest that you and your technicians review test procedures so that HV and HV regulation are always checked as a standard servicing procedure, and the reason for this prudent routine is clearly understood by everyone. It is important to use an accurate and reliable HV meter. It is recommended that the HV reading be recorded on each customer's invoice, which will demonstrate a proper concern for the customer's safety.
5. When troubleshooting and making test measurements in a receiver with a problem of excessive high voltage, reduce the line voltage by means of a Variac to bring the HV into acceptable limits while troubleshooting. Do not operate the chassis longer than necessary to locate the cause of the excessive HV.
6. New picture tubes are specifically designed to withstand higher operating voltages without creating undesirable X-radiation. It is strongly recommended that any shop test fixture which is to be used with the new higher voltage chassis be equipped with one of the new type tubes designed for this service. Addition of a permanently connected HV meter to the shop test fixture is advisable. The CRT types used in these new sets should never be replaced with any other types, as this may result in excessive X-radiation.
7. It is essential to use the specified picture tube to avoid a possible X-radiation problem.
8. Most TV receivers contain some type of emergency "Hold Down" circuit to prevent HV from rising to excessive levels in the presence of a failure mode. These various circuits should be understood by all technicians servicing them, especially since many hold down circuits are inoperative as long as the receiver performs normally.

LEAKAGE CURRENT COLD CHECK

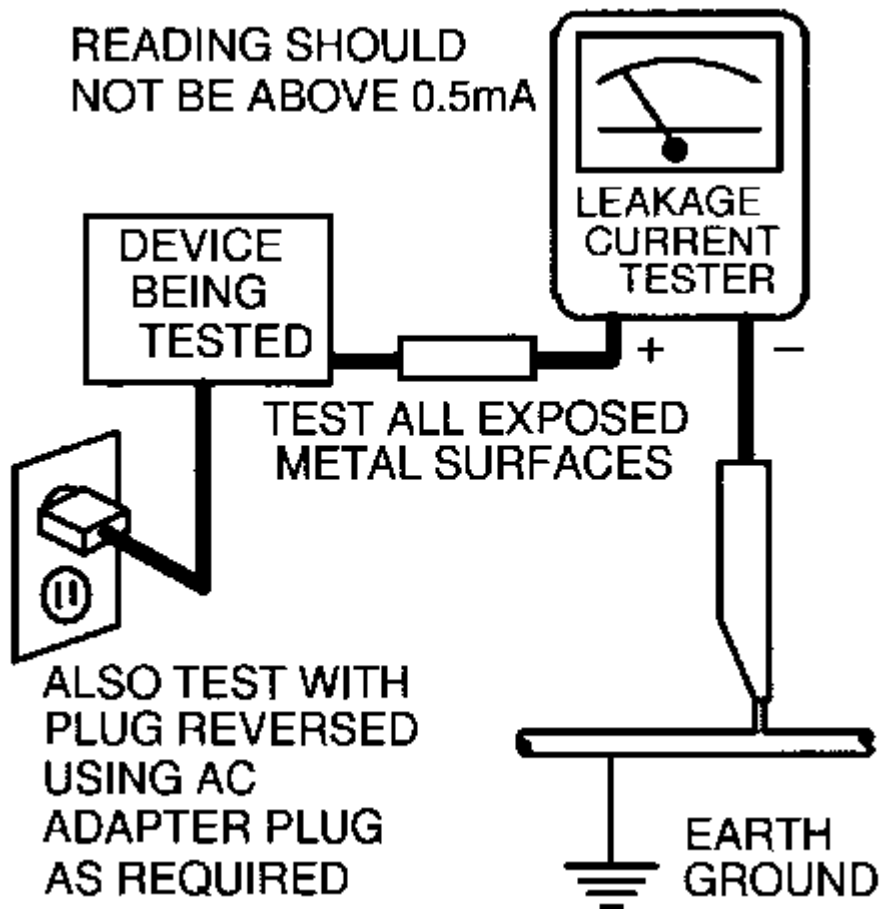
1. Unplug the ac line cord and connect a jumper between the two prongs of the plug.
2. Turn on the power switch.
3. Measure the resistance value between the jumpered ac plug and all exposed cabinet parts of the receiver, such as screw heads, antennas, and control shafts. When the exposed metallic part has a return path to the chassis, the reading should be between 1 megohm and 5.2 megohms. When the exposed metal does not have a return path to the chassis, the reading must be infinity. Remove the jumper from the ac line cord.

LEAKAGE CURRENT HOT CHECK

1. Do not use an isolation transformer for this test. Plug the completely reassembled receiver directly into the ac outlet.
2. Connect a **1.5k, 10W resistor** paralleled by a **0.15uF. capacitor** between each exposed metallic cabinet part and a **good earth ground** such as a water pipe, as shown below.
3. Use an ac voltmeter with at least 5000 ohms/volt sensitivity to measure the potential across the resistor.
4. **The potential at any point should not exceed 0.75 volts.** A leakage current tester may be used to make this test; leakage current must not exceed 0.5milliamp. If a measurement is outside of the specified limits, there is a possibility of shock hazard. The receiver should be repaired and rechecked before returning it to the customer.
5. **Repeat the above procedure with the ac plug reversed.** (Note: An ac adapter is necessary when a polarized plug is used. Do not defeat the polarizing feature of the plug.)

OR

With the instrument completely reassembled, plug the AC line cord directly into a 120V AC outlet. **(Do not use an isolation transformer during this test.)** Use a leakage current tester or a metering system that complies with American National Standards Institute (ANSI) C101.1 Leakage Current for Appliances and Underwriters Laboratories (UL) 1410, (50.7). **With the instrument AC switch first in the on position and then in the off position, measure from a known earth ground (metal water pipe, conduit, etc.) to all exposed metal parts of the instrument (antennas, handle brackets, metal cabinet, screw heads, metallic overlays, control shafts, etc.), especially any exposed metal parts that offer an electrical return path to the chassis. Any current measured must not exceed 0.5 milliamp.** Reverse the instrument power cord plug in the outlet and repeat the test. See graphic below.



PICTURE TUBE REPLACEMENT

The primary source of X-radiation in this television receiver is the picture tube. The picture tube utilized in this chassis is specially constructed to limit X-radiation emissions. For continued X-radiation protection, the replacement tube must be the same type as the original, including suffix letter, or a Philips approved type.

PARTS REPLACEMENT

Many electrical and mechanical parts in Philips television sets have special safety related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. The use of a substitute part which does not have the same safety characteristics as the Philips recommended replacement part shown in this service manual may create shock, fire, or other hazards

TV SAFETY NOTES

SAFETY CHECKS

IMPLOSION

[X-RADIATION](#)

[PICTURE TUBE REPLACEMENT](#)

[PARTS REPLACEMENT](#)

WARNING

Before removing the CRT anode cap, turn the unit **OFF** and short the **HIGH VOLTAGE** to the **CRT DAG** ground.

SERVICE NOTE: The **CRT DAG** is not at chassis ground.

TV-VCR COMBI SAFETY NOTES

IMPORTANT SAFETY PRECAUTIONS

Prior to shipment from the factory, our products are strictly inspected for recognized product safety and electrical codes of the countries in which they are to be sold. However, in order to maintain such compliance, it is equally important to implement the following precautions when a set is being serviced.

SAFETY PRECAUTIONS FOR TV CIRCUITS

1. Before returning an instrument to the customer, always make a safety check of the entire instrument, including, but not limited to, the following items:
 - a. Be sure that no built-in protective devices are defective or have been defeated during servicing. (1) Protective shields are provided on this chassis to protect both the technician and the customer. Correctly replace all missing protective shields, including any removed for servicing convenience. (2) When reinstalling the chassis and/or other assembly in the cabinet, be sure to put back in place all protective devices, including but not limited to, nonmetallic control knobs, insulating fishpapers, adjustment and compartment covers/shields, and isolation resistor/capacitor networks. Do not operate this instrument or permit it to be operated without all protective devices correctly installed and functioning. Servicers who defeat safety features or fail to perform safety checks may be liable for any resulting damage.
 - b. Be sure that there are no cabinet openings through which an adult or child might be able to insert their fingers and contact a hazardous voltage. Such openings include, but are not limited to, (1) spacing between the picture tube and the cabinet mask, (2) excessively wide cabinet ventilation slots, and (3) an improperly fitted and/or incorrectly secured cabinet back cover.
 - c. Do a [LEAKAGE CURRENT CHECK](#)

ANY MEASUREMENTS NOT WITHIN THE LIMITS SPECIFIED HEREIN INDICATE A POTENTIAL SHOCK HAZARD THAT MUST BE ELIMINATED BEFORE RETURNING THE INSTRUMENT TO THE CUSTOMER OR BEFORE CONNECTING THE ANTENNA OR ACCESSORIES.

d. **X-Radiation and High Voltage Limits** - Because the picture tube is the primary potential source of X-radiation in solid-state TV receivers, it is specially constructed to prohibit X-radiation emissions. For continued X-radiation protection, the replacement picture tube must be the same type as the original. Also, because the picture tube shields and mounting hardware perform an X-radiation protection function, they must be correctly in place. High voltage must be measured each time servicing is performed that involves B+, horizontal deflection or high voltage. Correct operation of the X-radiation protection circuits also must be reconfirmed each time they are serviced. (X-radiation protection circuits also may be called "horizontal disable" or "hold down.") Read and apply the high voltage limits and, if the chassis is so equipped, the X-radiation protection circuit specifications given on instrument labels and in the **Product Safety & X-Radiation** Warning note on the service data chassis schematic. High voltage is maintained within specified limits by close tolerance safety-related components/adjustments in the high-voltage circuit. If high voltage exceeds specified limits, check each component specified on the chassis schematic and take corrective action.

2. Read and comply with all caution and safety-related notes on or inside the receiver cabinet, on the receiver chassis, or on the picture tube.

3. **Design Alteration Warning** - Do not alter or add to the mechanical or electrical design of this TV receiver. Design alterations and additions, including, but not limited to circuit modifications and the addition of items such as auxiliary audio and/or video output connections, might alter the safety characteristics of this receiver and create a hazard to the user. Any design alterations or additions will void the manufacturer's warranty and may make you, the servicer, responsible for personal injury or property damage resulting therefrom.

4. **Picture Tube Implosion Protection Warning** - The picture tube in this receiver employs integral implosion protection. For continued implosion protection, replace the picture tube only with one of the same type number. Do not remove, install, or otherwise handle the picture tube in any manner without first putting on shatterproof goggles equipped with side shields. People not so equipped must be kept safely away while picture tubes are handled. Keep the picture tube away from your body. Do not handle the picture tube by its neck. Some "in-line" picture tubes are equipped with a permanently attached deflection yoke; because of potential hazard, do not try to remove such "permanently attached" yokes from the picture tube.

5. **Hot Chassis Warning**

a. Some TV receiver chassis are electrically connected directly to one conductor of the ac power cord and may be serviced safely without an isolation transformer only if the ac power plug is inserted so that the chassis is connected to the ground side of the ac power source. To confirm that the ac power plug is inserted correctly, with an ac voltmeter, measure between the chassis and a known earth ground. If a voltage reading in excess of 1.0V is obtained, remove and reinsert the ac power plug in the opposite polarity and again measure the voltage potential between the chassis and a known earth ground.

b. Some TV receiver chassis normally have 85Vac (RMS) between chassis and earth ground regardless of the ac plug polarity. This chassis can be safety-serviced only with an isolation transformer inserted in the power line between the receiver and the ac power source, for both personnel and test equipment protection. Some TV receiver chassis have a secondary ground system in addition to the main chassis ground. This secondary ground system is not isolated from the ac power line. The two ground systems are electrically separated by insulation material that must not be defeated or altered.

6. Observe original lead dress. Take extra care to assure correct lead dress in the following areas: **a.** near sharp edges, **b.** near thermally hot parts - be sure that leads and components do not touch

thermally hot parts, **c.** the ac supply, **d.** high voltage, and **e.** antenna wiring. Always inspect in all areas for pinched, out of place, or frayed wiring. Check ac power cord for damage.

7. Components, parts, and/or wiring that appear to have overheated or are otherwise damaged should be replaced with components, parts, or wiring that meet original specifications. Additionally, determine the cause of overheating and/or damage and, if necessary, take corrective action to remove any potential safety hazard.

PRECAUTIONS DURING SERVICE

A. Parts identified by the  symbol are critical for safety. Replace only with part number specified.

B. In addition to safety, other parts and assemblies are specified for conformance with regulations applying to spurious radiation. These must also be replaced only with specified replacements.

Examples: RF converters, RF cables, noise blocking capacitors, and noise blocking filters, etc.

C. Use specified internal wiring. Note especially:

- 1) Wires covered with PVC tubing
- 2) Double insulated wires
- 3) High voltage leads

D. Use specified insulating materials for hazardous live parts. Note especially:

- 1) Insulation Tape
- 2) PVC tubing
- 3) Spacers
- 4) Insulators for transistors

E. When replacing ac primary side components (transformers, power cord, etc.), wrap ends of wires securely about the terminals before soldering.

F. Observe that the wires do not contact heat producing parts (heatsinks, oxide metal film resistors, fusible resistors, etc.)

G. Check that replaced wires do not contact sharp edged or pointed parts.

H. When a power cord has been replaced, check that 10-15 kg of force in any direction will not loosen it.

I. Also check areas surrounding repaired locations.

J. Use care that foreign objects (screws, solder droplets, etc.) do not remain inside the set.

K. Crimp type wire connector

When replacing the power transformer in sets where the connections between the power cord and power transformer primary lead wires are performed using crimp type connectors, in order to prevent shock hazards, perform carefully and precisely the following steps.

Replacement procedure

- 1) Remove the old connector by cutting the wires at a point close to the connector. **Important:** Do not re-use a connector (discard it).

- 2) Strip about 15 mm of the insulation from the ends of the wires. If the wires are stranded, twist the strands to avoid frayed conductors.
- 3) Align the lengths of the wires to be connected. Insert the wires fully into the connector.
- 4) Use the crimping tool to crimp the metal sleeve at the center position. Be sure to crimp fully to the complete closure of the tool.

L. When connecting or disconnecting the VCR connectors, first, disconnect the ac plug from the ac supply socket.

SAFETY CHECK AFTER SERVICING

Examine the area surrounding the repaired location for damage or deterioration. Observe that screws, parts and wires have been returned to original positions. Afterwards, perform the following tests and confirm the specified values in order to verify compliance with safety standards.

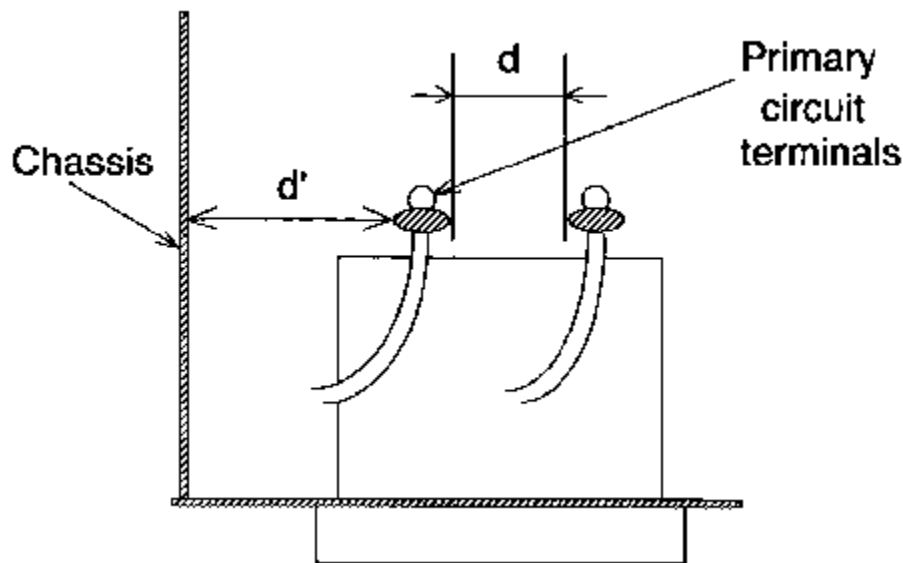
1. Clearance Distance

When replacing primary circuit components, confirm specified clearance distance (d) and (d') between soldered terminals, and between terminals and surrounding metallic parts. (See graphic below)

Table 1 : Ratings for selected area

AC Line Voltage	Region	Clearance Distance (d) (d')
110 to 130 V	USA or CANADA	> 3.2 mm (0.126 inches)

Note: This table is unofficial and for reference only. Be sure to confirm the precise values.



2. LEAKAGE CURRENT CHECKS

VCR SAFETY NOTES

FIRE & SHOCK HAZARD (VCR)

1. Be sure that all components are positioned in such a way to avoid possibility of shorts to adjacent components. This is especially important on those chassis which are transported to and from the repair shop.
2. Always replace all protective devices such as insulators and barriers after working on a set.
3. Check for damaged insulation on wires including the ac cord.
4. Check across-the-line components for damage and replace if necessary.
5. After re-assembly of the unit, always perform an ac leakage test on the exposed metallic parts of the cabinet such as the knobs, antenna terminals, etc. to be sure the set is safe to operate without danger of electrical shock. **Do not use a line isolation transformer during this test.** Use an ac voltmeter having 5000 ohms per volt or more sensitivity in the following manner: Connect a 1500 ohm 10 watt resistor, paralleled by 0.15 MFD ac type capacitor, between a known good earth ground (water pipe, conduit, etc.) and the exposed metallic parts, one at a time. Measure the ac voltage across the combination 1500 ohm resistor and 0.15 MFD capacitor. Reverse the ac plug on the set and repeat ac voltage measurements again for each exposed metallic part. Voltage measured must not exceed 0.6 volts R.M.S. This corresponds to 0.4 milliamp ac. Any value exceeding this limit constitutes a potential shock hazard and must be corrected immediately.

GENERAL

Power Supply-This receiver is designed for operation on 120 Volts, 60Hz alternating current (ac) only. Never connect to a supply having a different frequency or voltage.

IMPORTANT NOTICE

This device employs many circuits, components, and mechanical parts designed for protection against fire, shock and RF interference. For continued safety any servicing should be performed by qualified personnel and exact replacement parts should be used. Under no circumstances should the original design be altered.

PRODUCT SAFETY GUIDELINES FOR ALL PRODUCTS

CAUTION: Do not modify any circuit. Service work should be performed only after you are thoroughly familiar with all of the following safety checks. Risk of potential hazards and injury to the user increases if safety checks are not adhered to.

USE A SEPARATE ISOLATION TRANSFORMER FOR THIS UNIT WHEN SERVICING.

PREVENTION OF ELECTROSTATIC DISCHARGE (ESD)

Some semiconductor solid state devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electrostatic discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "antistatic (ESD protected)" can generate an electrical charge sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

CAUTION : Be sure no power is applied to the chassis or circuit and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your feet from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device.)

NOTE to CATV system Installer:

This reminder is provided to call the CATV system installer's attention to article 820-22 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.