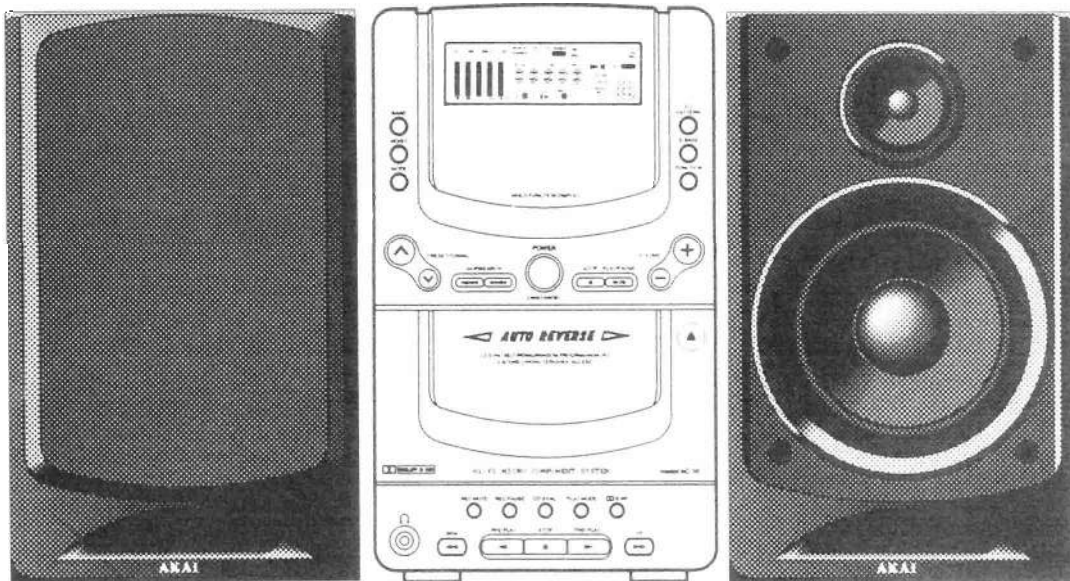


AKAI SERVICE MANUAL



HI-FI MICRO SYSTEM QX-10

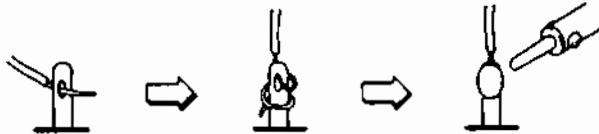
COMPACT
disc
DIGITAL AUDIO

- AC-10 MAIN (TUNER/AMP/CD/DECK) UNIT
- SR-10 SPEAKER SYSTEM

SAFETY INSTRUCTIONS

PRECAUTION DURING SERVICING

1. Parts identified by the \blacktriangle (*) symbol are critical for safety. Replace them only with the parts number specified.
2. In addition to safety, other parts and assemblies are specified for conformance with such regulations as those applying to spurious radiation. These must also be replaced only with the specified replacements.
Examples: RF converters, tuner units, antenna selector switches, RF cables, noise blocking capacitors, noise blocking filters, etc.
3. Use specified internal wiring. Note especially:
 - 1) Wires covered with PVC tubing
 - 2) Double insulated wires
 - 3) High voltage leads
4. Use specified insulating materials for hazardous live parts. Note especially:
 - 1) Insulation Tape
 - 2) PVC tubing
 - 3) Spacers (insulating barriers)
 - 4) Insulation sheets for transistors
 - 5) Plastic screws for fixing micro switches
5. When replacing AC primary side components (transformers, power cords, noise blocking capacitors, etc.), wrap the ends of the wires securely around the terminals before soldering.



6. Make sure that wires do not contact heat producing parts (heat sinks, oxide metal film resistors, fusible resistors, etc.)
7. Check that replaced wires do not contact sharp edged or pointed parts.
8. Also check areas surrounding repaired locations.
9. Make sure that foreign objects (screws, solder droplets, etc.) do not remain inside the set.

MAKE YOUR CONTRIBUTION TO PROTECT THE ENVIRONMENT

Used batteries with the ISO symbol for recycling as well as small accumulators (rechargeable batteries), mini-batteries (cells) and starter batteries should not be thrown into the garbage can. Please leave them at an appropriate depot. All other household batteries can be thrown out with the household waste.



SAFETY CHECK AFTER SERVICING

After servicing, make measurements of leakage-current or resistance in order to determine that exposed parts are acceptably insulated from the supply circuit.

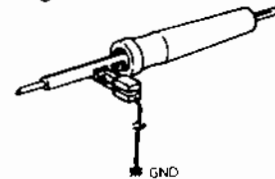
The leakage-current measurement should be done between accessible metal parts (such as chassis, ground terminal, microphone jacks, signal input/output connectors, etc.) and the earth ground through a resistor of 1500 ohms paralleled with a 0.15 μ F

capacitor, under the unit's normal working conditions. The leakage-current should be less than 0.5 mA rms AC. The resistance measurement should be done between accessible exposed metal parts and power cord plug prongs with the power switch (if included) "ON". The resistance should be more than 2.2 M Ohms.

PRECAUTIONS IN REPAIRING

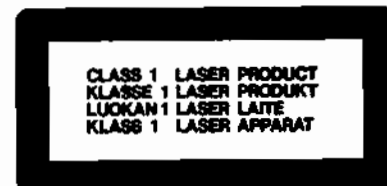
When repairing or adjusting the unit please note the following points.

1. Do not put excessive pressure on the mechanical part (operation part), including the pick-up block, as extremely high mechanical precision is required in these parts.
2. When the base is removed for repair or adjustment, make sure that are no metal objects in the narrow gap between the P.C. board or the mecha parts and the base.
3. The Micro-Computer and the CD signal processing ICs can be damaged by static electricity or leakage from a soldering iron during repairing. While soldering, please take the precautions against leakage as in the illustration.

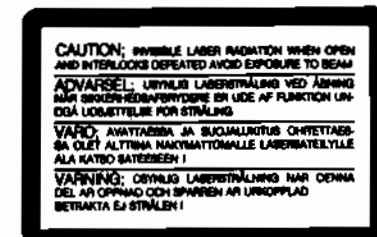


4. Do not loosen any screws in the pick-up block. When handling the pick-up block, please refer to the points to NOTE when replacing the pick up block.
5. TO avoid hazardous invisible Laser Radiation, DO NOT look at the Laser Beam (Objective lens) directly.
6. On models for some countries, laser warning labels are affixed on the unit and inside of the unit, as shown below. For your safety, read these labels carefully when repairing or adjusting the unit.

(EUROPE, SCANDINAVIA, UK and AUSTRALIA)



Label affixed on the rear panel of the unit



Label affixed near the LASER pick up of the unit

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MODEL: AC-10

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MODEL: SR-10

| | |
|-------------------------|----|
| 1. SPECIFICATIONS | 61 |
| 2. DRAWN/PARTS | 62 |

SPECIFICATIONS

1. AMPLIFIER SECTION

| | |
|----------------------------------|----------------|
| ① Output Power(6Ω, 2ch, THD 10%) | 15W + 15W |
| ② T.H.D | 0.2% |
| ③ Frequency Response(3dB down) | 20Hz-30kHz |
| ④ Signal-to-noise Ratio | 90dB |
| ⑤ Input Impedance | 47kΩ |
| ⑥ Input Sensitivity | 400mV |
| ⑦ Cross Talk 100Hz/1kHz/10kHz | 50dB/50dB/40dB |

2. TUNER SECTION

(1) FM

| | |
|-----------------------------------------|----------------|
| ① Frequency Range(50kHz or 100kHz Step) | 87.5MHz~108MHz |
| ② Intermediate Frequency | 10.7MHz |
| ③ Sensitivity 98.1MHz | 10dB |
| ④ Signal-to-noise Ratio(Mono/Stereo) | 60dB/55dB |
| ⑤ Image Rejection 106.1MHz | 50dB |
| ⑥ IF Rejection 90.1MHz | 90dB |
| ⑦ Distortion(Mono/Stereo) | 0.5%/1.0% |
| ⑧ Frequency Response(-3dB) | 40Hz~14kHz |
| ⑨ Separation 100Hz/1kHz/10kHz | 30dB/30dB/25dB |

(2) AM(MW)

| | |
|----------------------------------|----------------|
| ① Frequency Range[9(10)kHz Step] | 522kHz~1611kHz |
| ② Intermediate Frequency | 450kHz |
| ③ Usable Sensitivity 1,008kHz | 50dB |
| ④ Image Rejection 1,404kHz | 30dB |
| ⑤ IF Rejection 603kHz | 40dB |
| ⑥ Selectivity 1,008kHz | 35dB |
| ⑦ Signal-to-noise Ratio 1,008kHz | 35dB |
| ⑧ Distortion 1,008kHz | 1.5% |
| ⑨ Frequency Response(-6dB) | 80Hz~2,300Hz |

3. TAPE DECK

| | |
|------------------------------------------|---------------|
| ① Tape Speed | 4.75cm/sec |
| ② Wow Flutter | 0.15% |
| ③ Fast Forward & Rewind Time(C-60) | 120sec |
| ④ Frequency Response | 125Hz~12.5KHz |
| ⑤ Signal-to-noise Ratio(Playback/Record) | 50dB/45dB |
| ⑥ Distortion(Playback/Record) | 1%/1.5% |
| ⑦ Cross Talk | 60dB |
| ⑧ Channel Separation | 35dB |
| ⑨ Erase Ratio | 65dB |

4. CDP

| | |
|----------------------------------|------|
| ① Frequency Response(40Hz~20kHz) | ±1dB |
| ② Signal-to-noise Ratio | 78dB |
| ③ Dynamic Range | 78dB |
| ④ T.H.D. | 0.1% |
| ⑤ Separation | 50dB |

5. GENERAL

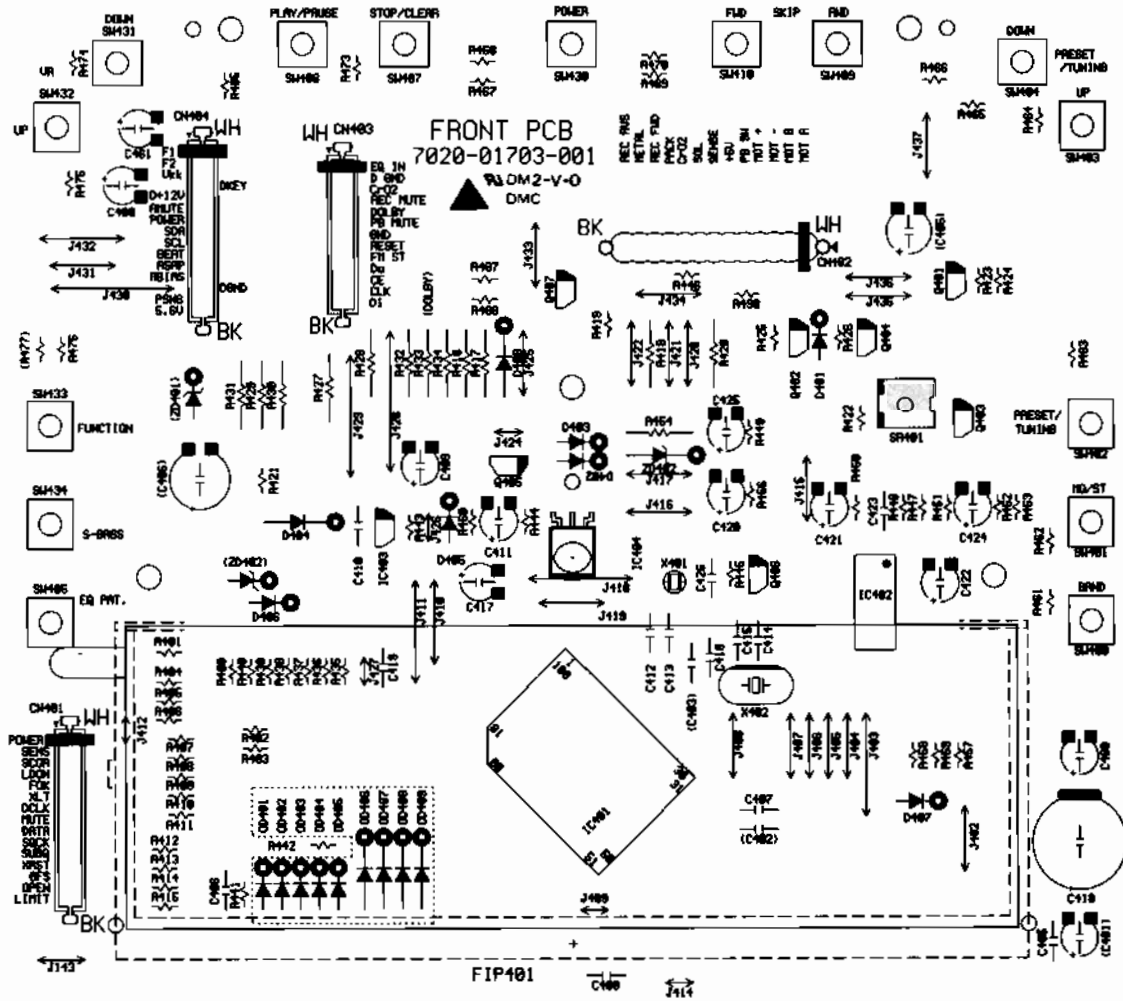
| | |
|-------------------------|---------------------------------|
| ① Power Requirement | Refer to the back panel of unit |
| ② Power Consumption | 60W |
| ③ Dimension (Net:WXHxD) | 162×265×258(mm) |
| ④ Weight(Net) | 4.4kg |

NOTE: Specifications are subject to change without notice in the course of product improvement.

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TAPE DECK ADJUSTMENTS

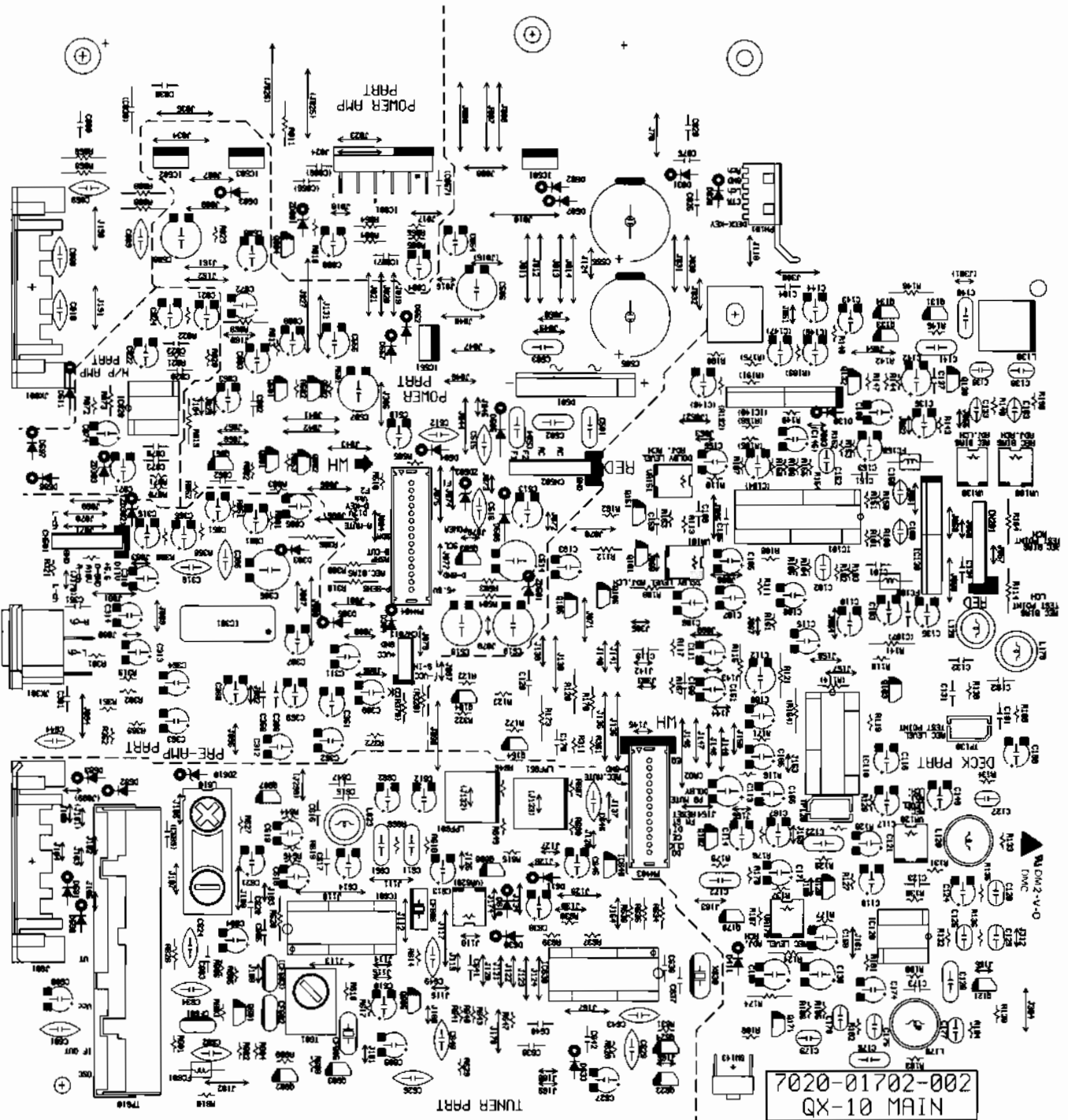
● FRONT PCB



TAPE DECK ADJUSTMENTS

● MAIN PCB

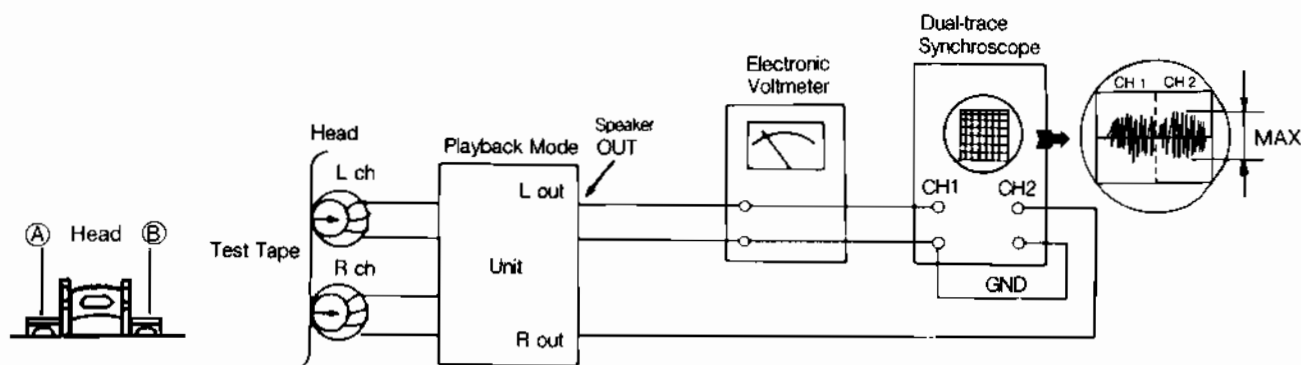
DIP 



TAPE DECK ADJUSTMENTS

1. AZIMUTH ADJUSTMENT

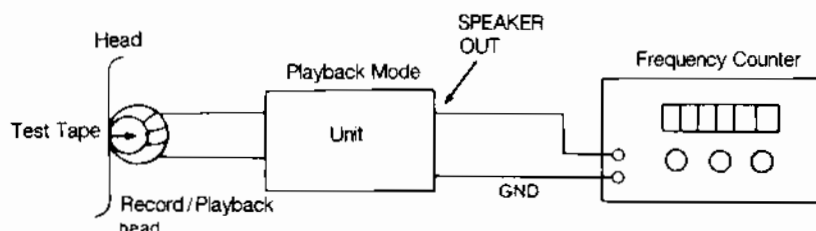
| Deck Mode | Test Tape | Test Point | Adjust for | Adjustment | Remark |
|-----------|---------------------|----------------|------------|-------------|-------------------------------------------------------------------|
| Playback | MTT-114N TCC-153 | SPEAKER OUT | Head screw | R/L Maximum | Ⓐ Reverse: Lefthand side screw Ⓑ Forward: Righthand side screw |



(Azimuth Adjustment Connection Diagram)

2. MOTOR SPEED ADJUSTMENT

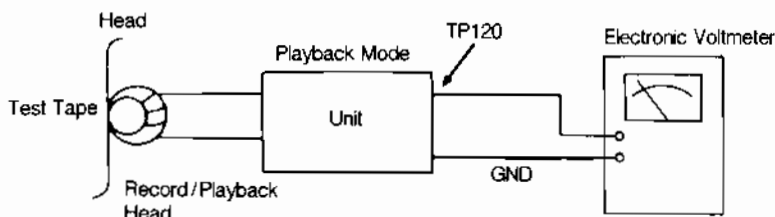
| Item | Deck Mode | Test Tape | Test Point | Adjustment | Adjust for | Remark |
|--------------|-----------|--------------------|----------------|------------|-----------------|--------|
| Normal Speed | Playback | MTT-111 TCC-112 | SPEAKER OUT | SR401 | 3kHz \pm 30Hz | |



(Motor Speed Adjustment Connection Diagram)

3. PLAYBACK LEVEL ADJUSTMENT

| Deck Mode | Test Tape | Test Point | Adjustment | Adjust for | Remark |
|-----------|--------------------|------------|--------------|-------------------|------------------------------------------------------------------------|
| Playback | MTT-150 TCC-130 | TP-120 | VR101, VR151 | 545mV \pm 0.5dB | After adjusting in forward, confirm the specification in reverse mode. |

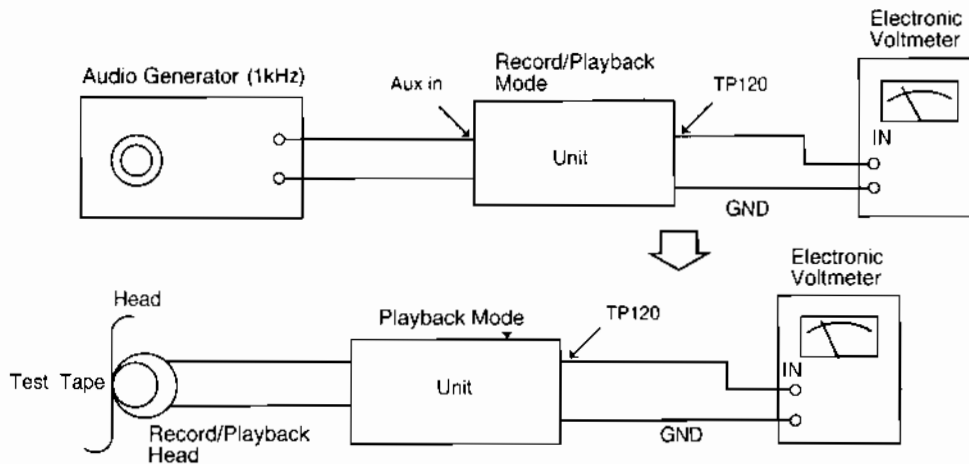


(Playback Level Adjustment Connection Diagram)

TAPE DECK ADJUSTMENTS

4. RECORD LEVEL ADJUSTMENT

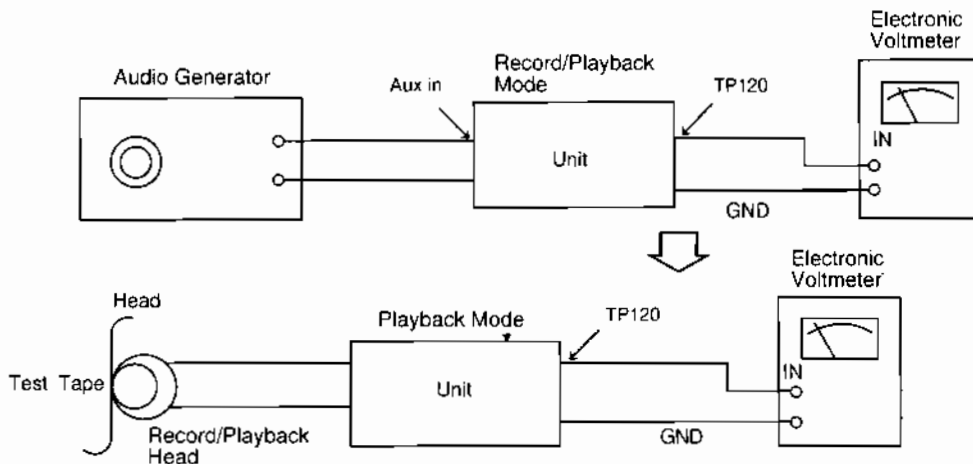
| Deck Mode | Test Tape | Test Point | Adjustment | Input | Adjust for | Remark |
|-----------|----------------------|------------|------------------|-------------------|------------|----------------------------------------------------------------------------------------------------------------------|
| R/P→PB | TCC-105B TCC-203B | TP 120 | VR 120 VR 170 | 200mV (on AUX) | ± 0.5dB | <ul style="list-style-type: none"> Dolby OFF After adjusting in TCC-150B confirm in TCC-203B |



(Record Level Adjustment Connection Diagram)

5. BIAS ADJUSTMENT

| Deck Mode | Test Tape | Test Point | Adjustment | Input | Adjust for | Remark |
|-----------|----------------------|------------|------------------|------------------|----------------------------------------------|-------------------------------------------------|
| R/P→PB | TCC-105B TCC-203B | TP 120 | VR 130 VR 180 | 40mV (on AUX) | Adjust for the response of 1kHz/12.5kHz flat | After adjusting in TCC-150B confirm in TCC-203B |



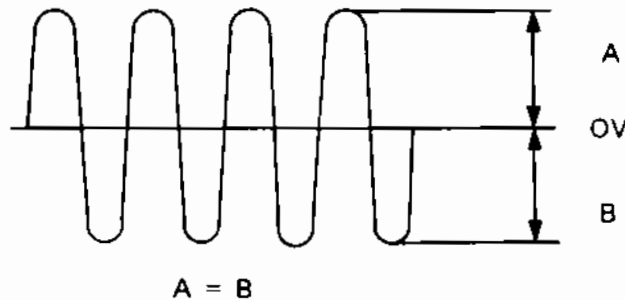
(Bias Adjustment Connection Diagram)

CDP ADJUSTMENTS

1. Before adjusting, preset adjustment potentiometers VR801 and SR802 center.

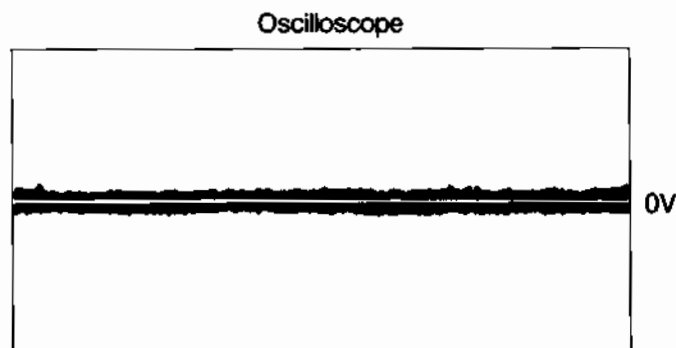
2. TRACKING BALANCE ADJUSTMENT

- 1) Connect the oscilloscope to TP801(Pin ④ -TEO) and TP801 (Pin ③ -Vref).
- 2) Playback the 12th selection of the test disc(YEDS-18).
- 3) Short-circuit TP801 (Pin ⑤ -TEI) and TP801 (Pin ③ -Vref).
- 4) Adjust SR801 so that the amplitude above and below the zero DC line becomes equal (amplitude A=B)

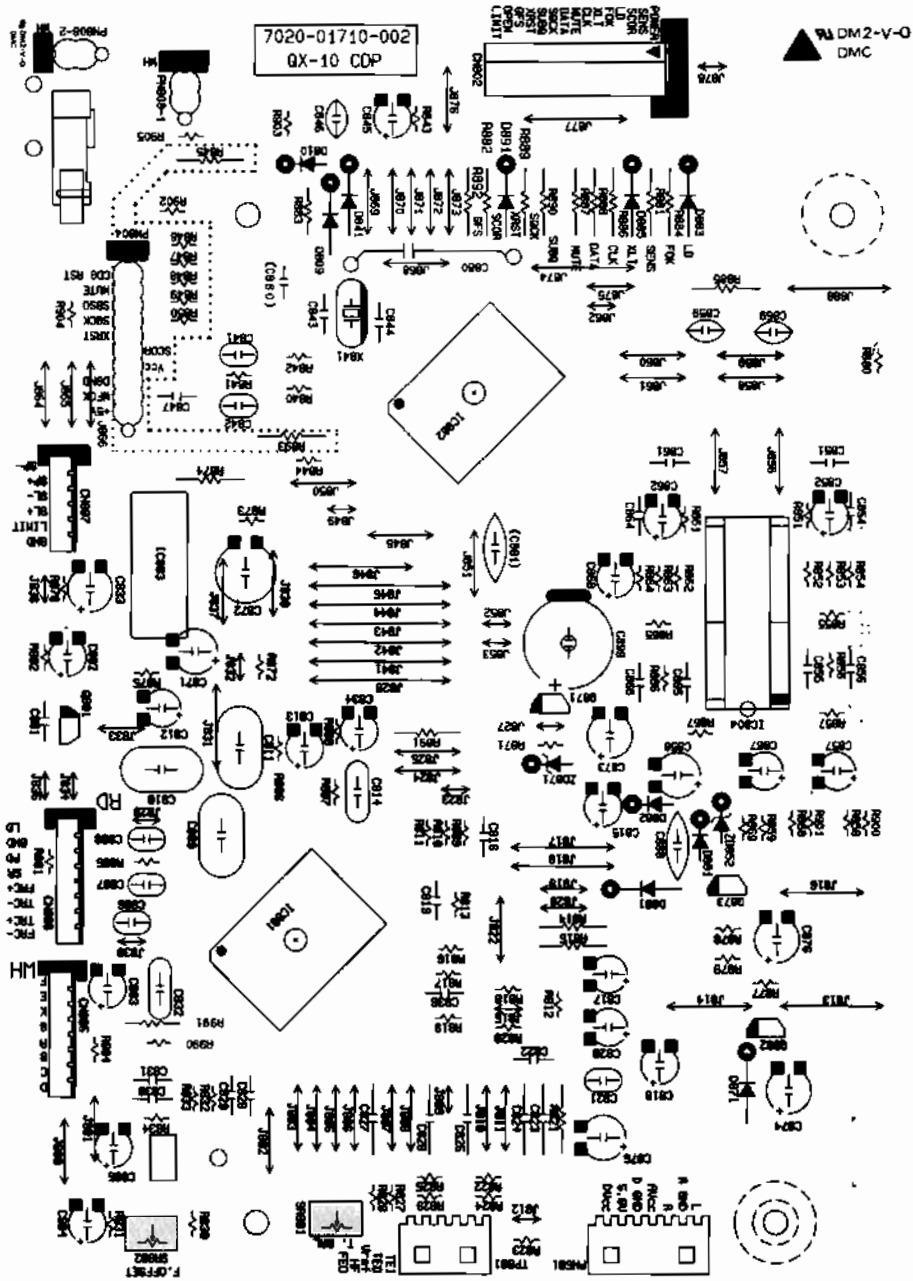


3. FOCUS OFFSET ADJUSTMENT (You have to use 10:1 probe)

- 1) Connect oscilloscope to TP801(Pin ② -HF) and TP801(Pin ③ -Vref).
- 2) Put a test disc into unit and playback the unit.
- 3) Adjust SR802 so that eye pattern becomes clear and waveform (Vp-p) is maximum.
- 4) Stop mode.
- 5) Connect oscilloscope to TP801(Pin ① -FEO) and TP801(Pin ③ Vref).
- 6) Confirm the oscilloscope reading
 - i) Less than 200mV — OK
 - ii) More than 200mV — readjust SR802 200mV.



CDP ADJUSTMENTS

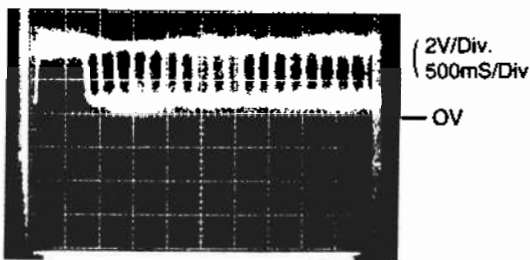


WAVEFORM OF MAJOR CHECK POINTS

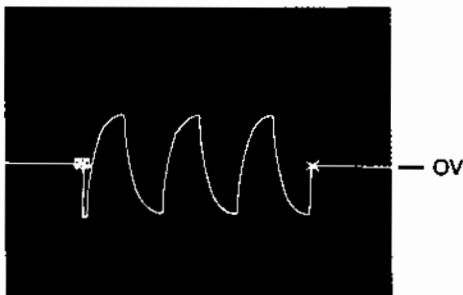
1. HF signal (RF signal) waveform (test point TP801) during normal play



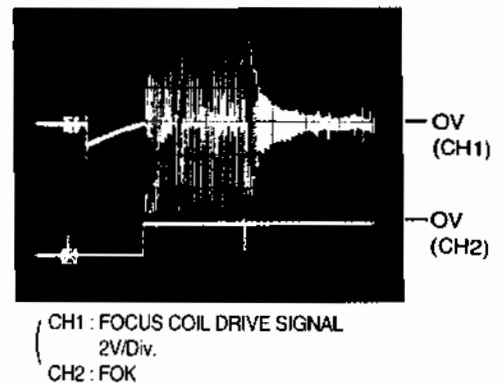
2. EFM signal (pin NO. 69 of IC801) waveform during normal play



3. Focus coil drive waveform (pin NO. 26, 27 of IC803)
 • When focus search failed or there is no disc on the tray

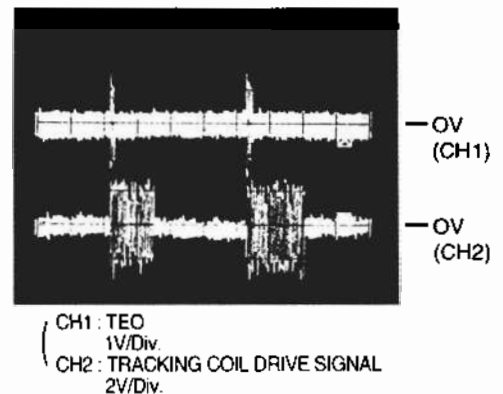


- Focus coil drive waveform (pin NO. 26, 27 of IC803) and FOK (pin NO. 69 of IC801) when focus search is accomplished

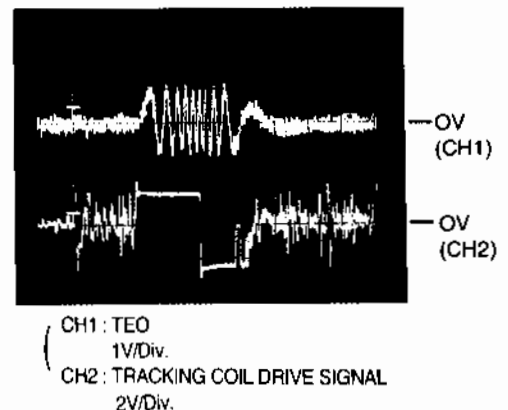


4. Tracking coil drive waveform (pin NO. 4 of IC803) and TEO during track traverse

- (1) When time division is 20mS/div

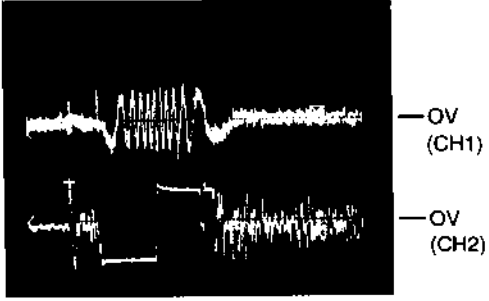


- (2) When time division is 0.5mS/div. (During forward track traverse)



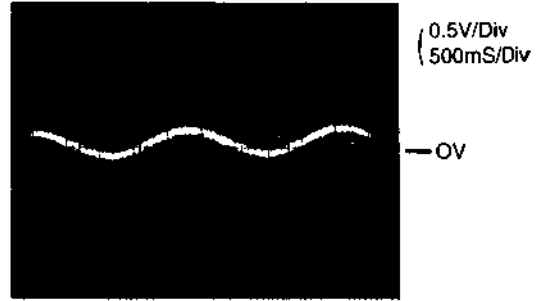
WAVEFORM OF MAJOR CHECK POINTS

(3) When time division is 0.5mS/div.
(During backward track traverse)



CH1 : TEO
1V/Div.
CH2 : TRACKING COIL DRIVE SIGNAL
2V/Div.

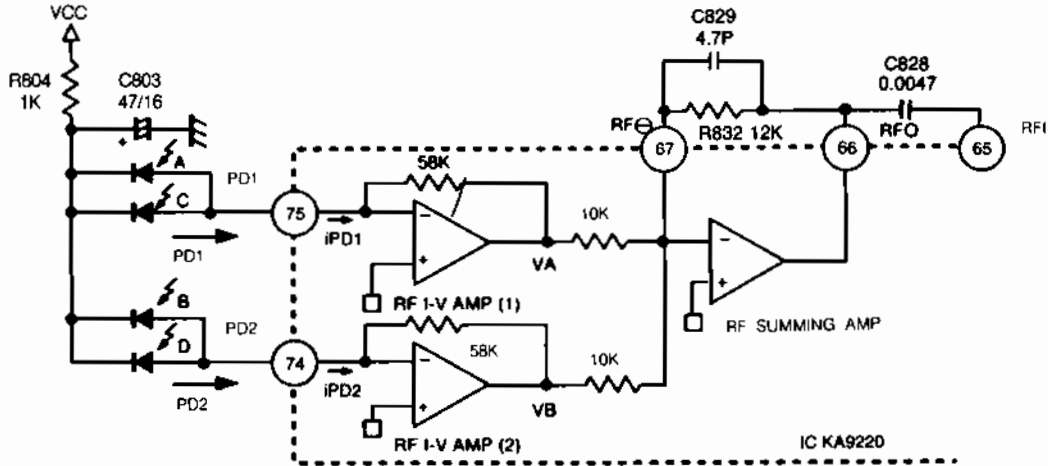
5. Feed motor drive waveform (pin NO. ②
of IC803) During normal play



DESCRIPTION OF FUNCTIONS

1. RF AMPLIFIER

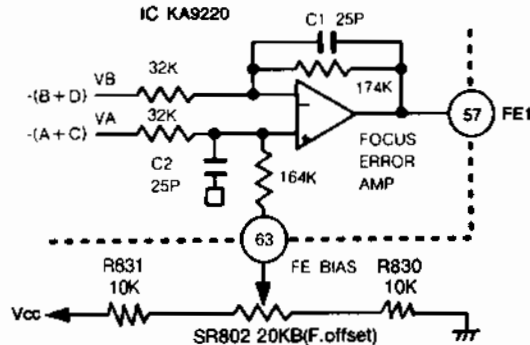
RF 1-V amplifiers (1) and (2) are converted to voltage from the signal current of pin photodiodes connected to PD1 and PD2 through the 58K Ω equivalent resistance. Furthermore, it is added in the RF summing amplifier and (A+B+C+D) is output at RFO. At this pin (RFO), the eye pattern can be checked.



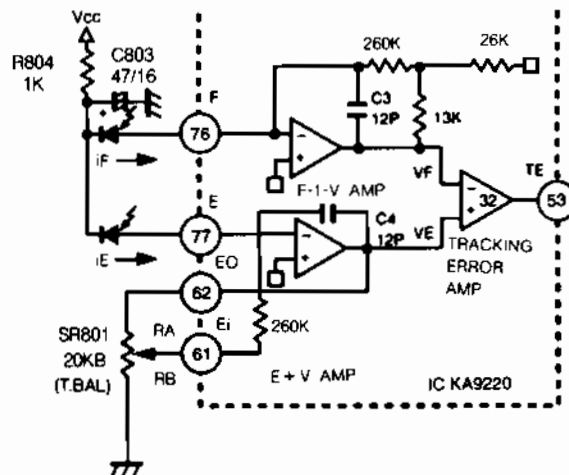
The RF amplifier output voltage (low-frequency) is $V_{RFO} = 2.2 \times (V_A + V_B) = 127.6K\Omega \times (i_{PD1} + i_{PD2})$. (at RFO)

2. FOCUS ERROR AMPLIFIER

The Focus Error Amplifier is the difference between RF 1-V amplifier (1) output (A+C) and RF 1-V amplifier (2) output (B+D). The output becomes (A+C-B-D).



3. TRACKING ERROR AMPLIFIER



DESCRIPTION OF FUNCTIONS

E 1-V amplifier and F 1-V amplifier are converted to voltage from the signal current of pin photodiode connected: E and F. The E and F 1-V amplifiers output voltage is,

$$V_F = iF \times 403K\Omega, \text{ and}$$

$$V_E = iE \times 260K\Omega \times R_A / (R_B + 22K) + (R_A + 260K).$$

The tracking error amplifier is the difference between the E 1-V amplifier output and the F 1-V amplifier output, this output is (E-F).

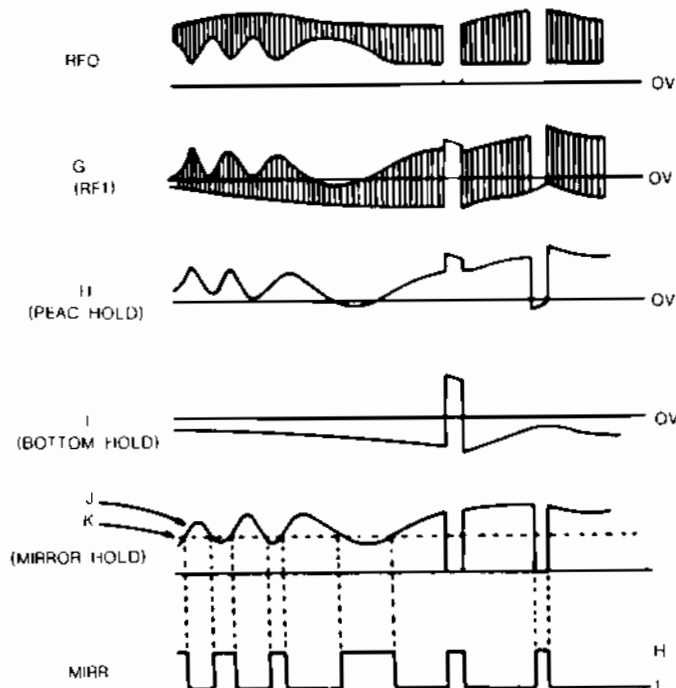
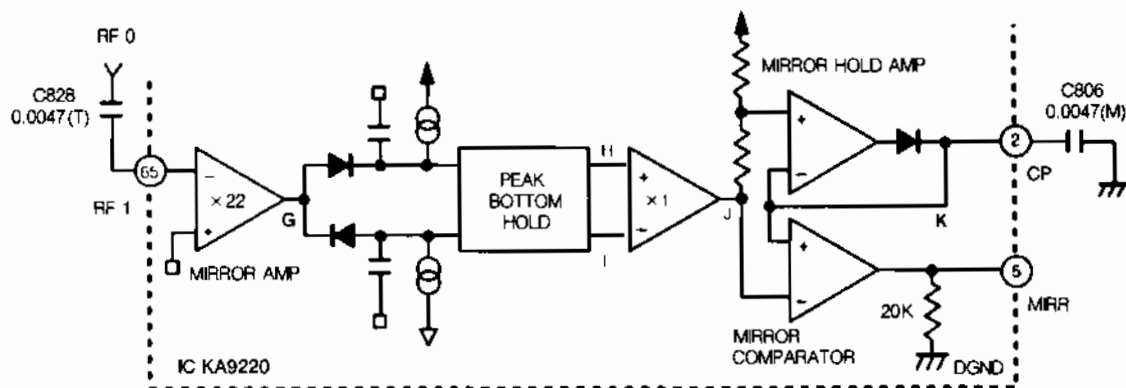
$$V_{TE} = (V_E - V_F) \times 3.2$$

$$= (iE - iF) \times 1290K\Omega$$

4. MIRROR CIRCUIT

This circuit, after amplifying the RFI signal, holds its bottom and peak. The peak hold is done with a time constant able to track down a 30kHz traverse and the bottom hold. This is done with a time constant able to track down envelope fluctuations in the revolving cycle.

With the differential amplification of these peak and bottom hold signals, H and I, the envelope signal J (demodulated to DC) is obtained. Two-thirds of the peak value of this signal J is held with a large time constant for the signal K. When K is compared with J, a mirror output is obtained. That is, the mirror output gives "L" on the disc track, "H" between tracks (mirror section) and also "H" in the defect detection. The time constant for the mirror hold must be sufficiently larger than that of the traverse signal.



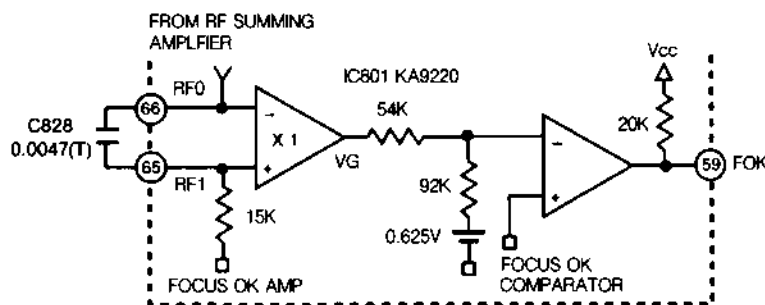
DESCRIPTION OF FUNCTIONS

5. FOCUS OK CIRCUIT

The focus OK circuit generates a timing window to lock on the focus servo from a focus search status. Pin 66 will get the HPF (High Pass Filter) output from an RF signal from Pin 65 -the LPF (Low Pass Filter) output (opposit phase) for the focus OK amplifier output.

The focus OK amplifier output is inverted when $V_{RF1}-V_{RF0} \approx -0.37V$.

C828 is for determining the time constants of HPF in the EFM comparator and mirror circuits as well as LPF in the focus OK amplifier. When $0.0022\mu F$ is selected for C828, f_c (cut-off frequency)=1kHz, prevents the block error rate from degenerating as a damaged RF envelope results from the scratched disc, etc.

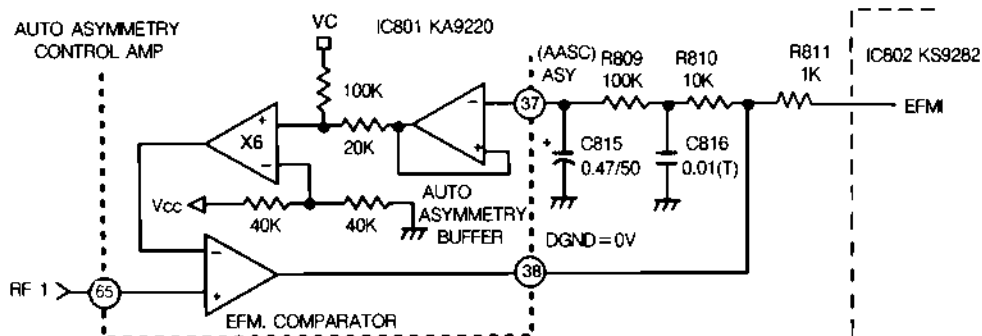


6. EFM COMPARATOR

The EFM comparator changes RF signal into a binary value. As the asymmetry generated due to variations in disc manufacturing cannot be eliminated by the AC coupling alone, the reference voltage of EFM comparator is controlled utilizing the fact that the generation probability of 1, 0 is 50% each in the binary EFM signals.

As this comparator is a current SW type, each of the H and L levels does not equal the power supply voltage, requiring feedback through a CMOS buffer.

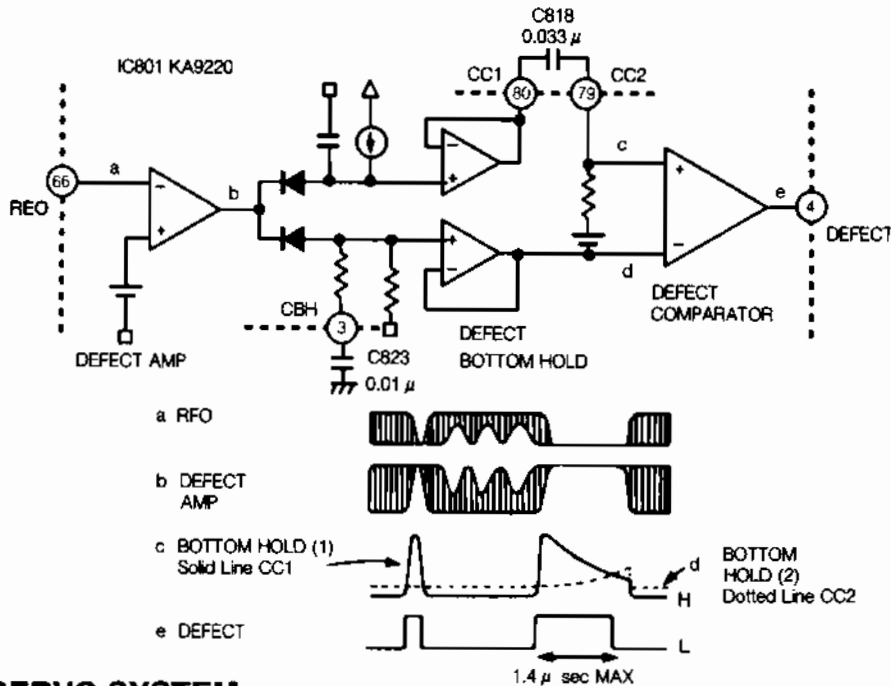
R809, R810, C815 and C816 form a LPF to obtain $(V_{CC}+DGND)/2V$. When f_c (out-off frequency) is made more than 500Hz, the EFM low-frequency component leaks dably, degenerating the block error rate.



DESCRIPTION OF FUNCTIONS

7. DEFECT CIRCUIT

The RFI signal bottom, after being inverted, is held with two time constants, one long and one short. The short time-constant bottom hold is done for a disc mirror defect more than 0.1m sec. The long time-constant bottom hold is done with the mirror level prior to the defect. By differentiating this with a capacitor coupling and shifting the level, both signals are compared to generate the mirror defect detection signal.



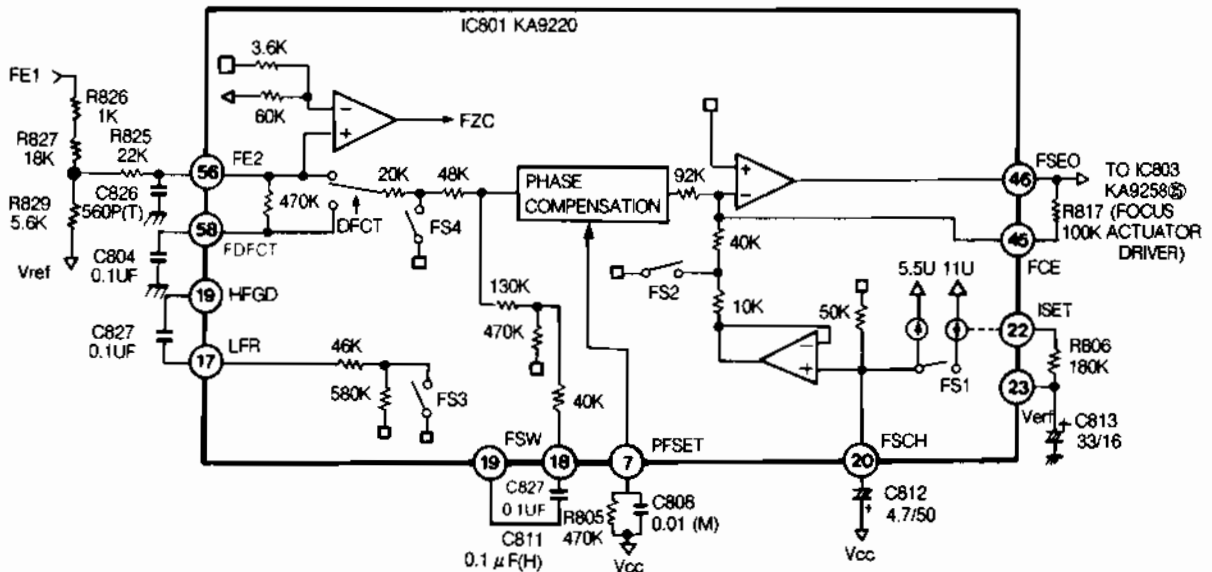
8. FOCUS SERVO SYSTEM

The below is a block diagram of the focus servo system. When FS3 is switched on, the high frequency gain can be reduced by forming a low frequency time constant through a capacitor connected across pins ⑰ and ⑱ and the internal resistor.

The capacitor across the pin ⑱ and GND has a time constant to raise the low frequency usually playback condition. The peak frequency of the focus phase compensation is inversely proportional to the resistor connected to pin ⑦ (about 1.2kHz when the resistor is 470KΩ).

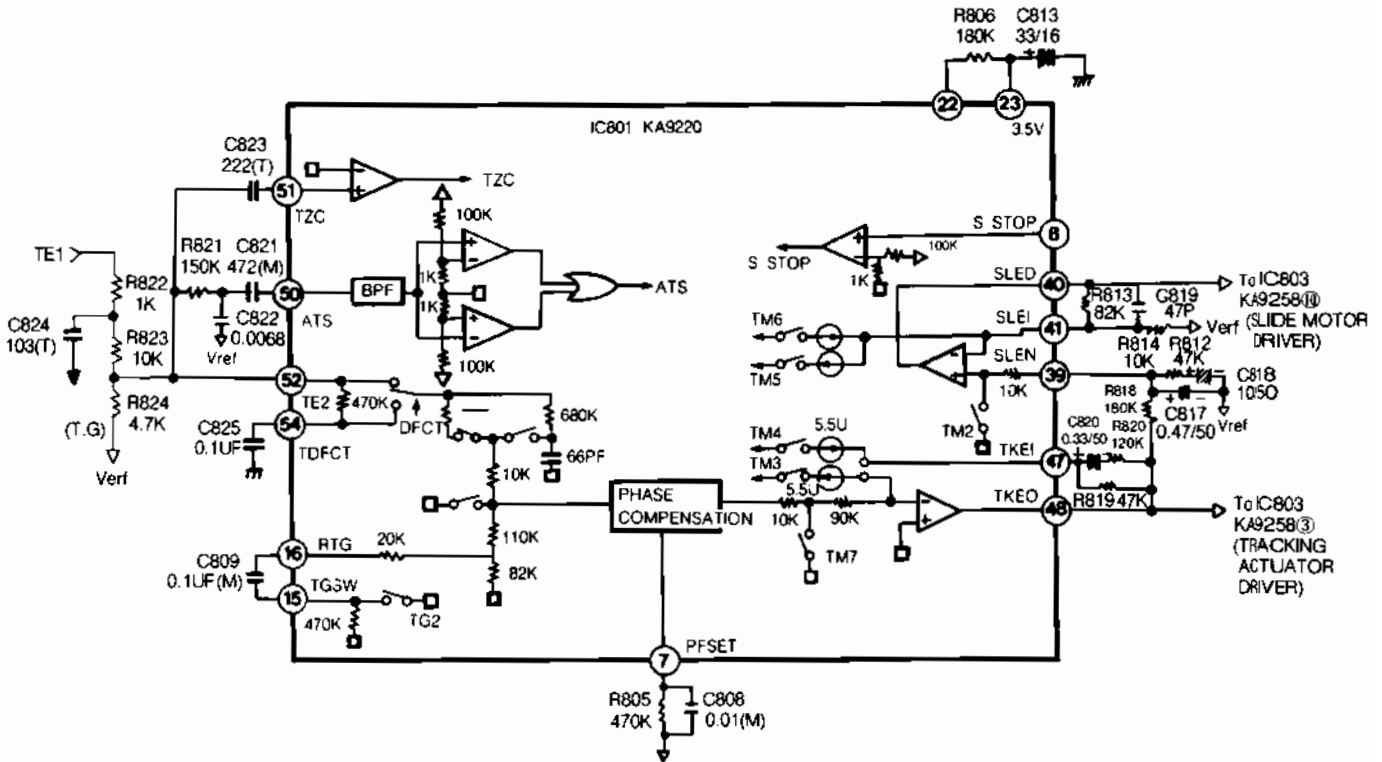
The focus search peak becomes about ±1.1 Vp-p with the above constant. The peak is inversely proportional to the resistor connected across the pins ② and ③. However, when this resistor is varied, the peaks of track jump and sled kick also vary.

The FZC comparator invert input is set to 2% of the difference between the reference voltage Vcc and VC(Pin 1): $2\% \times (V_{cc} - V_C)$.



DESCRIPTION OF FUNCTIONS

9. TRACKING SERVO SYSTEM



The above is a block diagram of the tracking sled servo system.

The capacitor across pins ⑬ and ⑭ has a time constant to lower the high frequency when TG2 is switched off. The tracking phase compensation peak frequency is inversely proportional to the resistor connected to pin ⑦ (about 1.2kHz when the resistor is 470K Ω).

For a tracking jump in the FWD or REV direction, TM3 and TM4 are set to ON. At this time, the peak voltage fed to the tracking coil is determined by the TM3 and TM4 current values and the feedback resistor from pin ⑩. That is:

$$\text{Track jump peak voltage} = \text{TM3(TM4) current value} \times \text{feedback resistor value}$$

The FWD or REV sled kick is done by setting TM5 or TM6 to ON. At this time, the peak voltage added to the sled motor is determined by the TM5 or TM6 current value and the feedback resistor from pin ⑩.

$$\text{Sled jump peak voltage} = \text{TM5 (TM6) current value} \times \text{feedback resistor value}$$

Each SW current value is determined by the resistor connected to pins ② and ③.

When the resistor is at about 120K Ω .

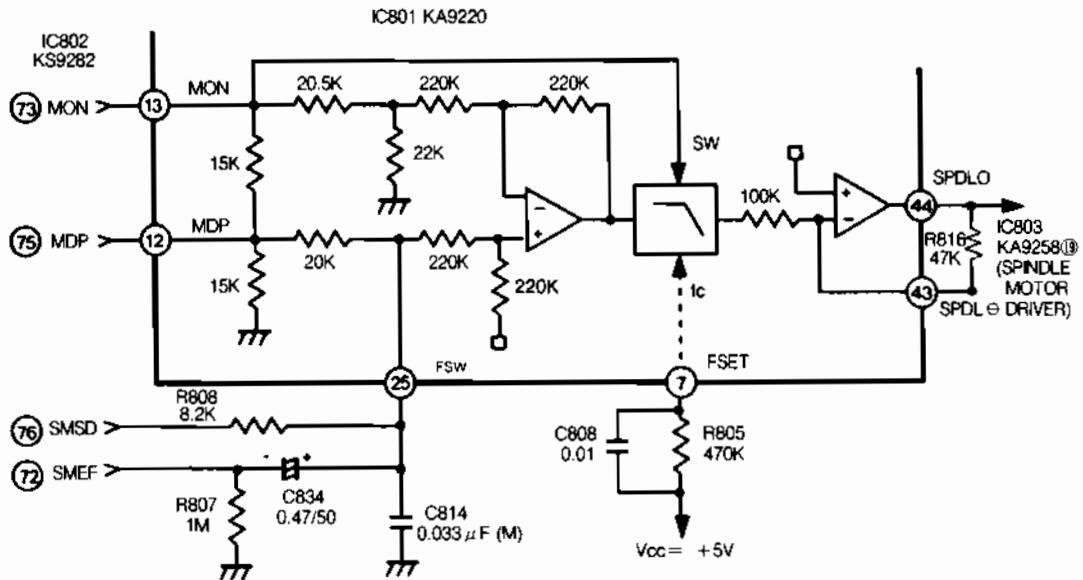
$$\text{TM3 or TM4 is } \pm 11\mu\text{A and TM5 or TM6 is } \pm 22\mu\text{A.}$$

This current value is almost inversely proportional to the resistor, variable within a range of about 5 to 40 μA for TM3.

S STOP is the ON/OFF detection signal for the limit SW of the sled motor's innermost circumference.

DESCRIPTION OF FUNCTIONS

10.SPINDLE SERVO AND LPF

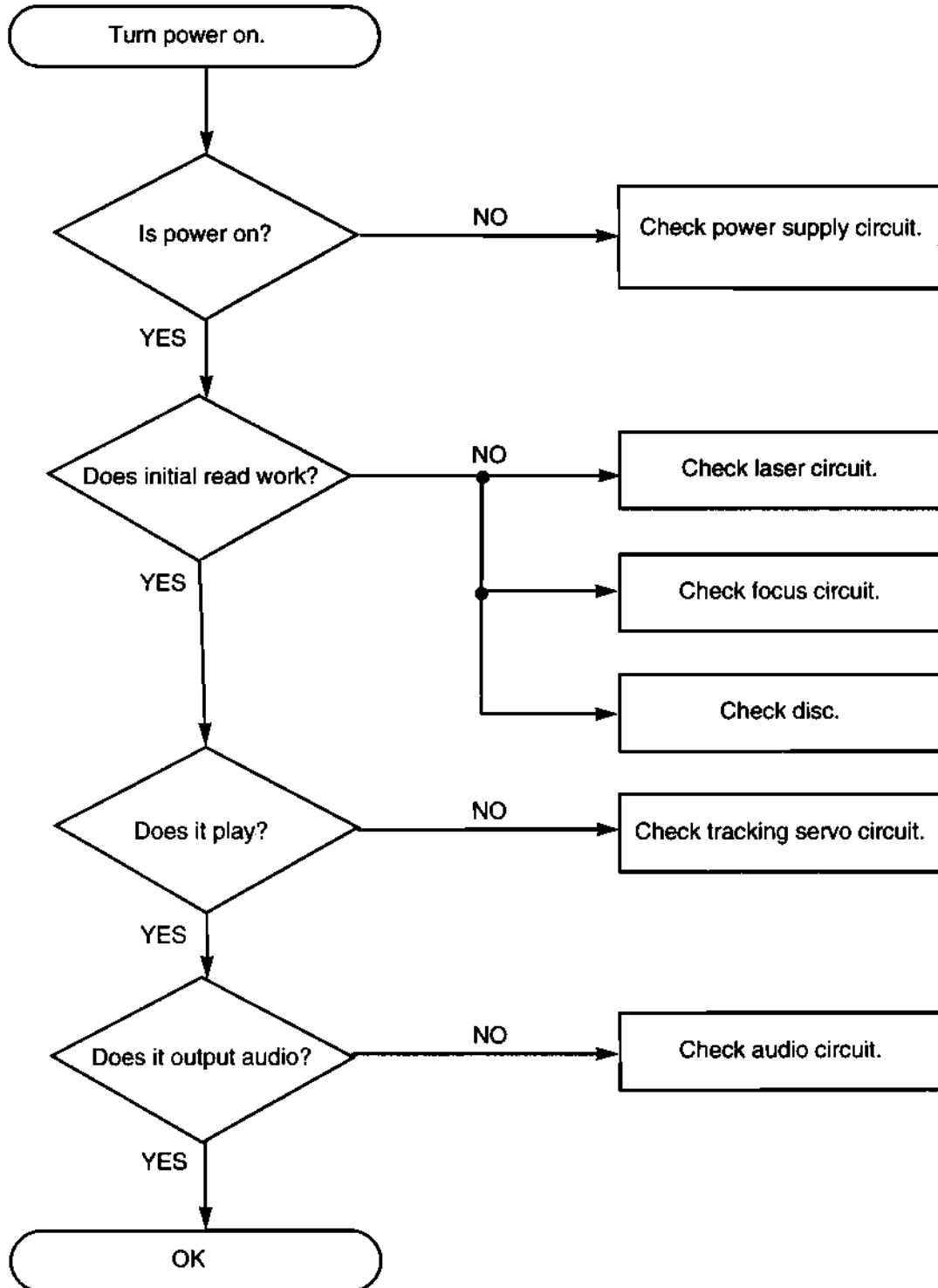


The 200Hz LPF is formed with 0.033F and 10KΩ connected to pin 25 and the secondary LPF is formed with the built-in LPF (fc up to 200Hz with 470KΩ for pin 7), and the carrier component of the CLV servo error signals MDS and MDP is eliminated.

In the CLV-S mode, FSW becomes L and the pin 25 LPF fc lowers, strengthening the filter further. With the pin 7 resistor connected to Vcc, fc does not vary with power supply voltage fluctuations.

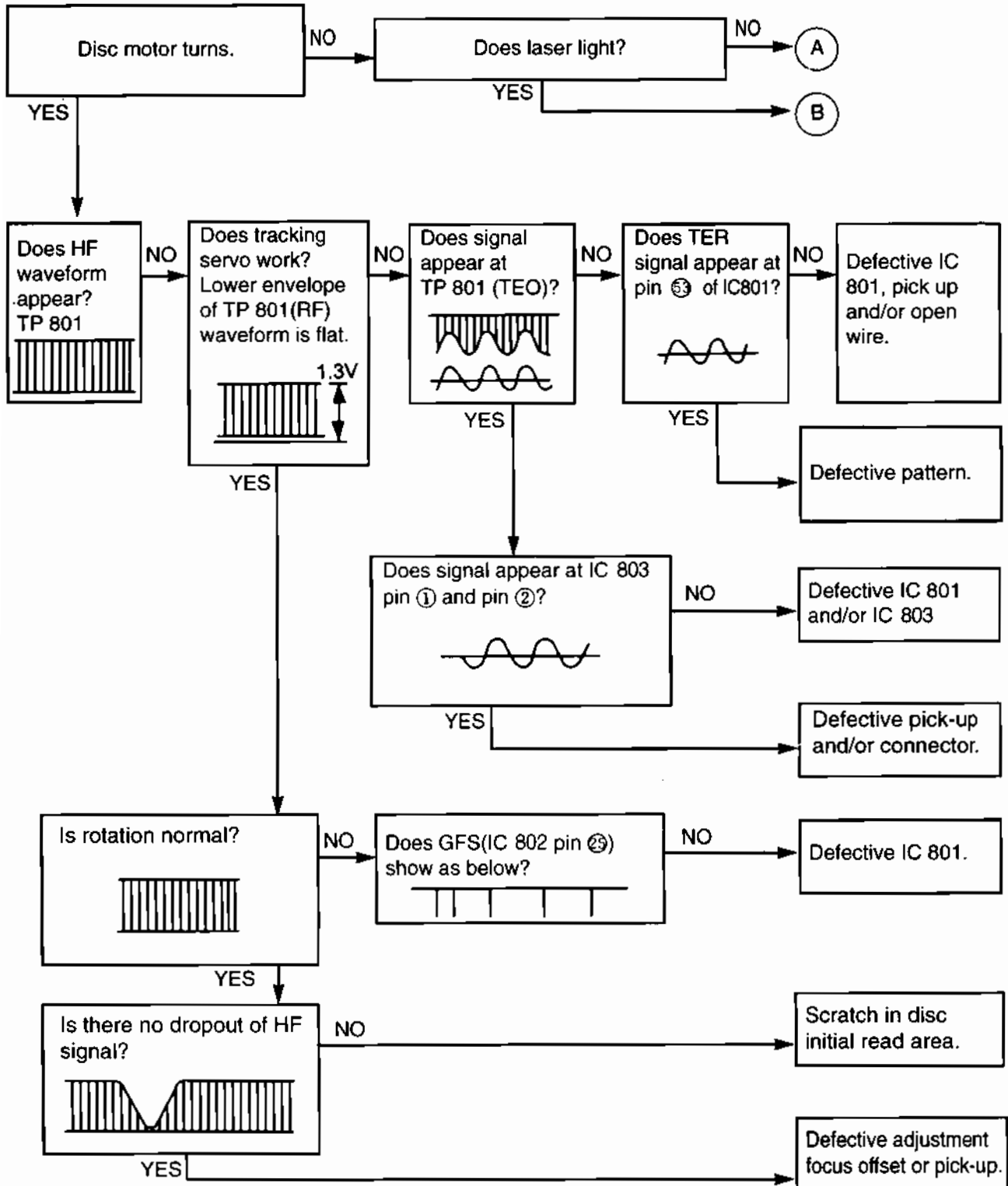
TROUBLESHOOTING

● CD PART



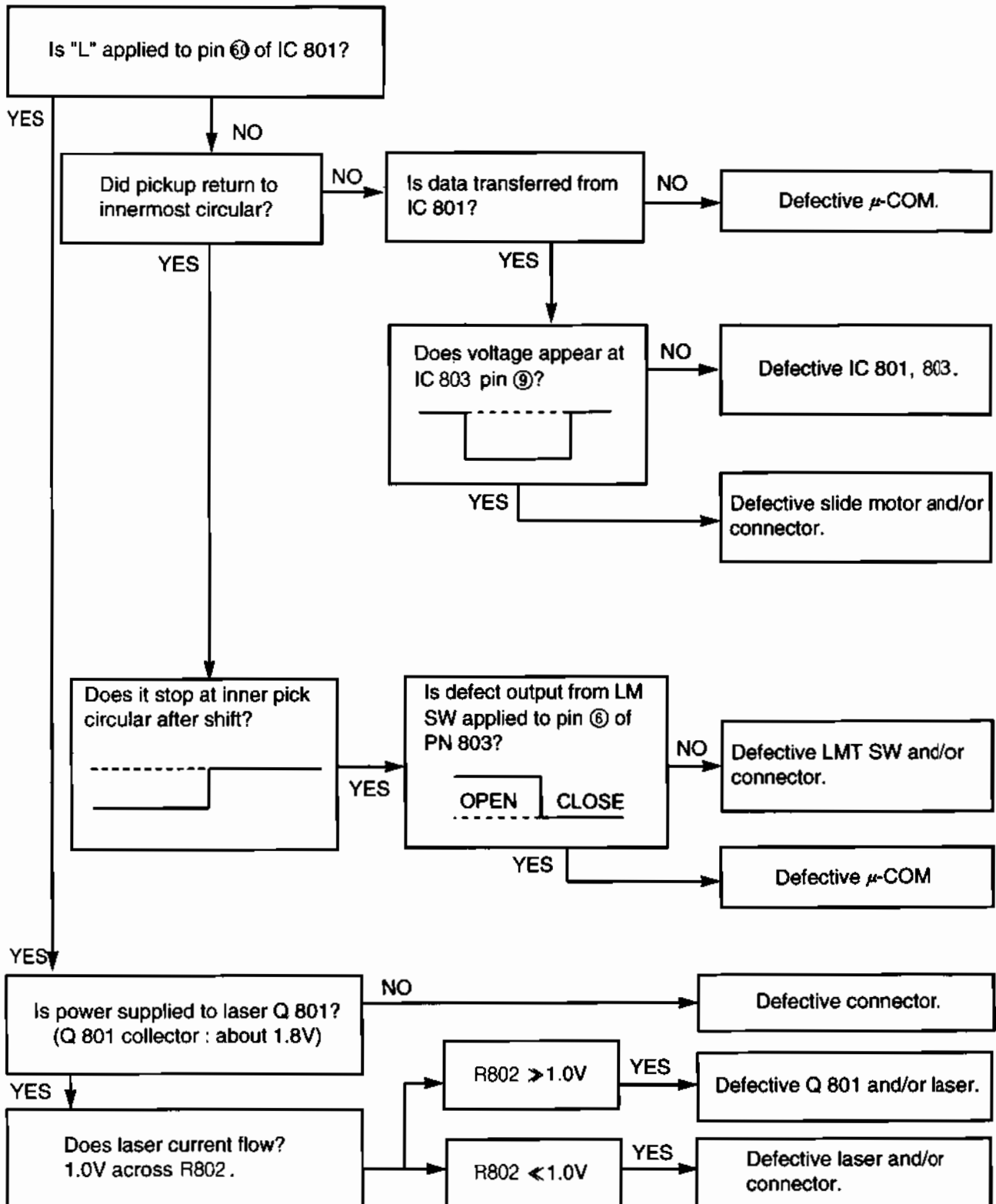
TROUBLESHOOTING

Fails to initial read

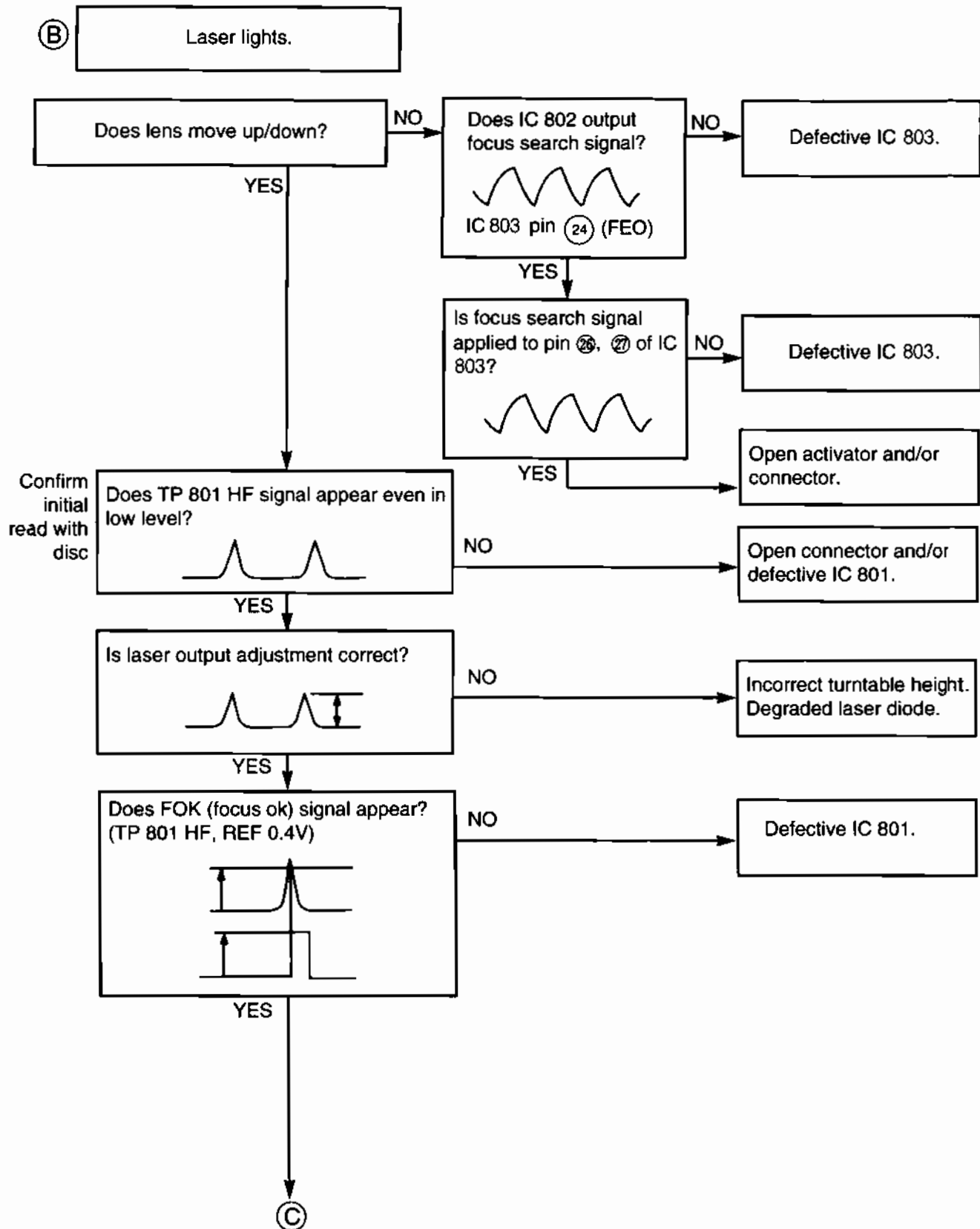


TROUBLESHOOTING

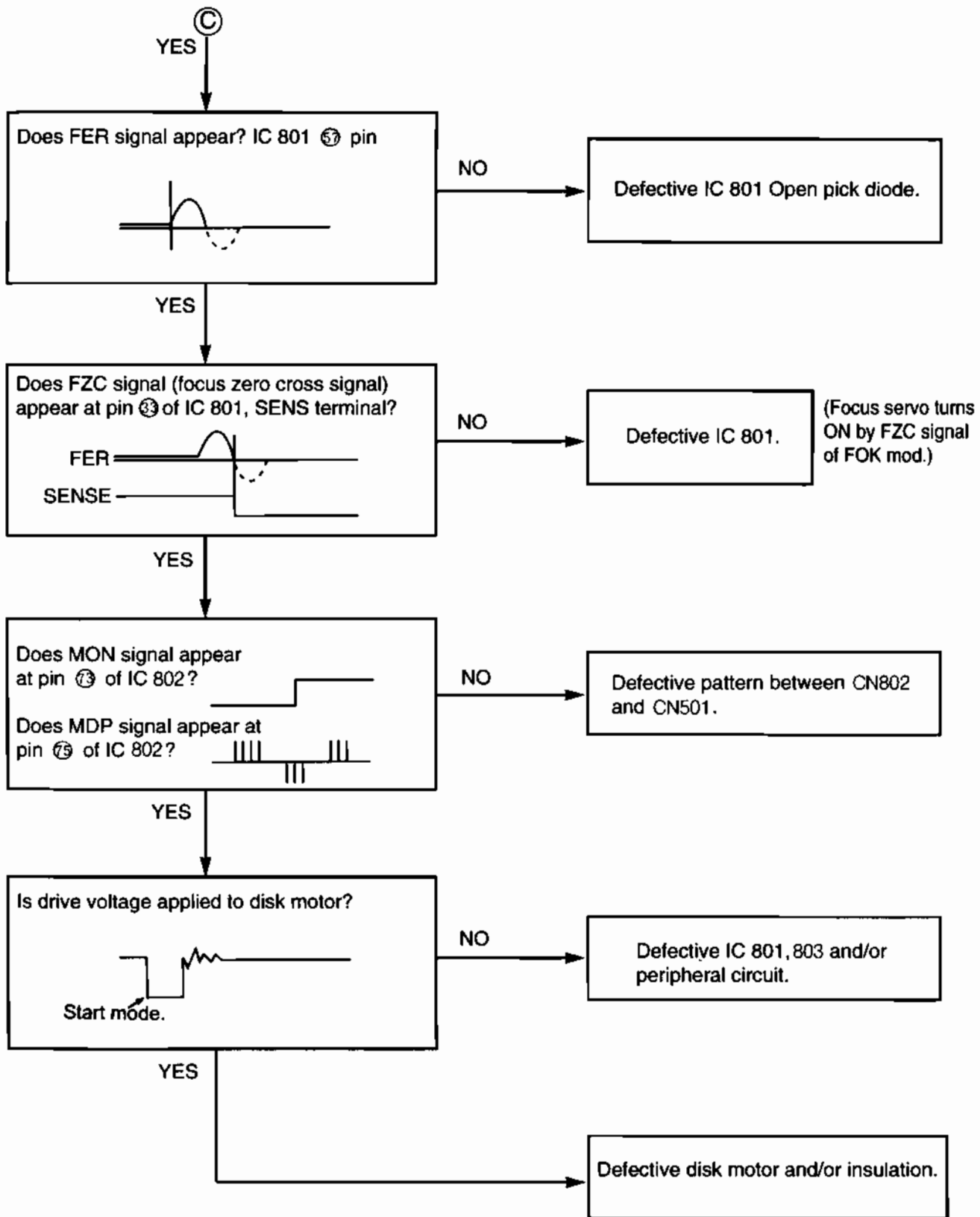
Ⓐ Laser does not light.



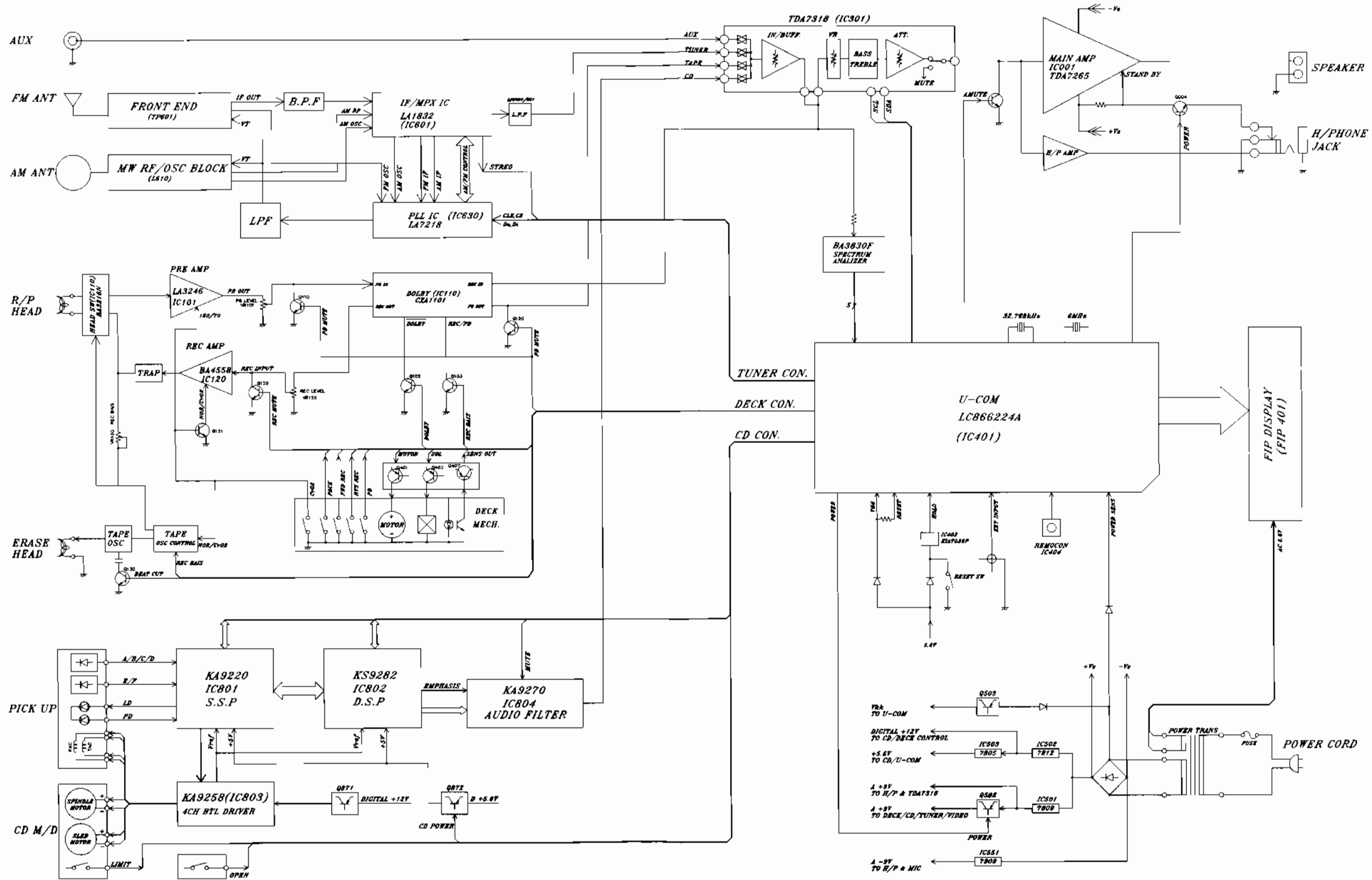
TROUBLESHOOTING



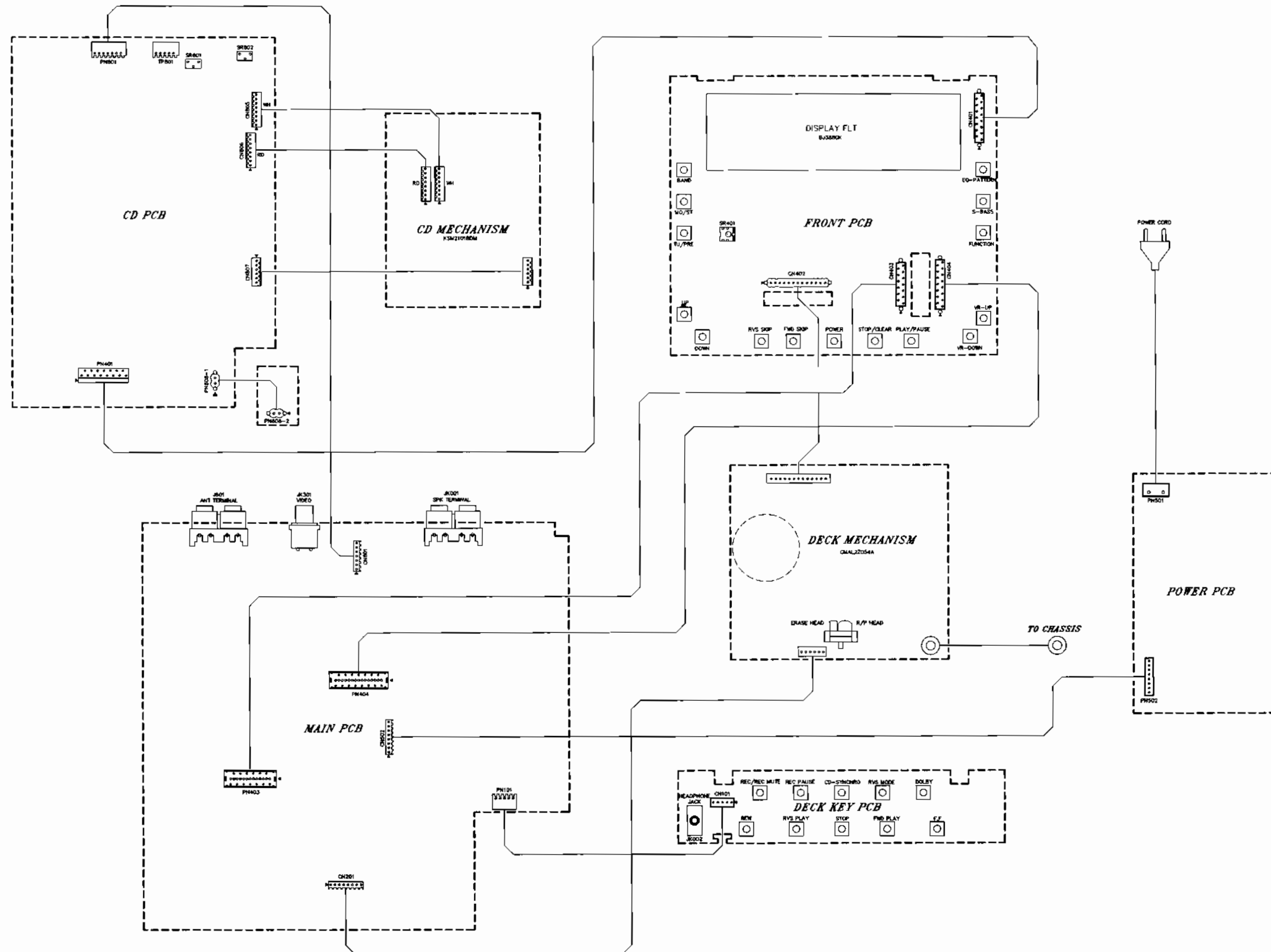
TROUBLESHOOTING



BLOCK-DIAGRAM

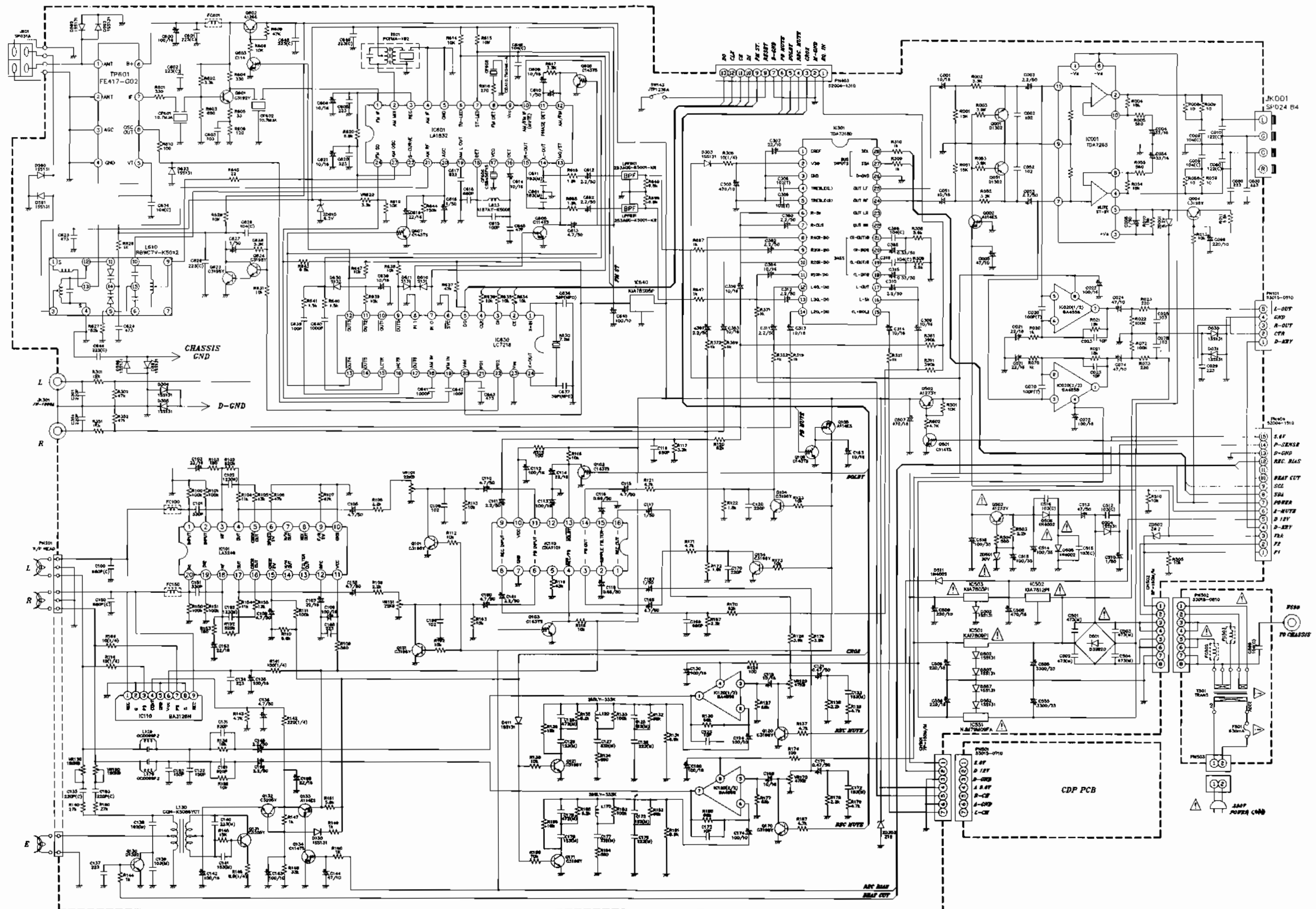


WIRING DIAGRAM



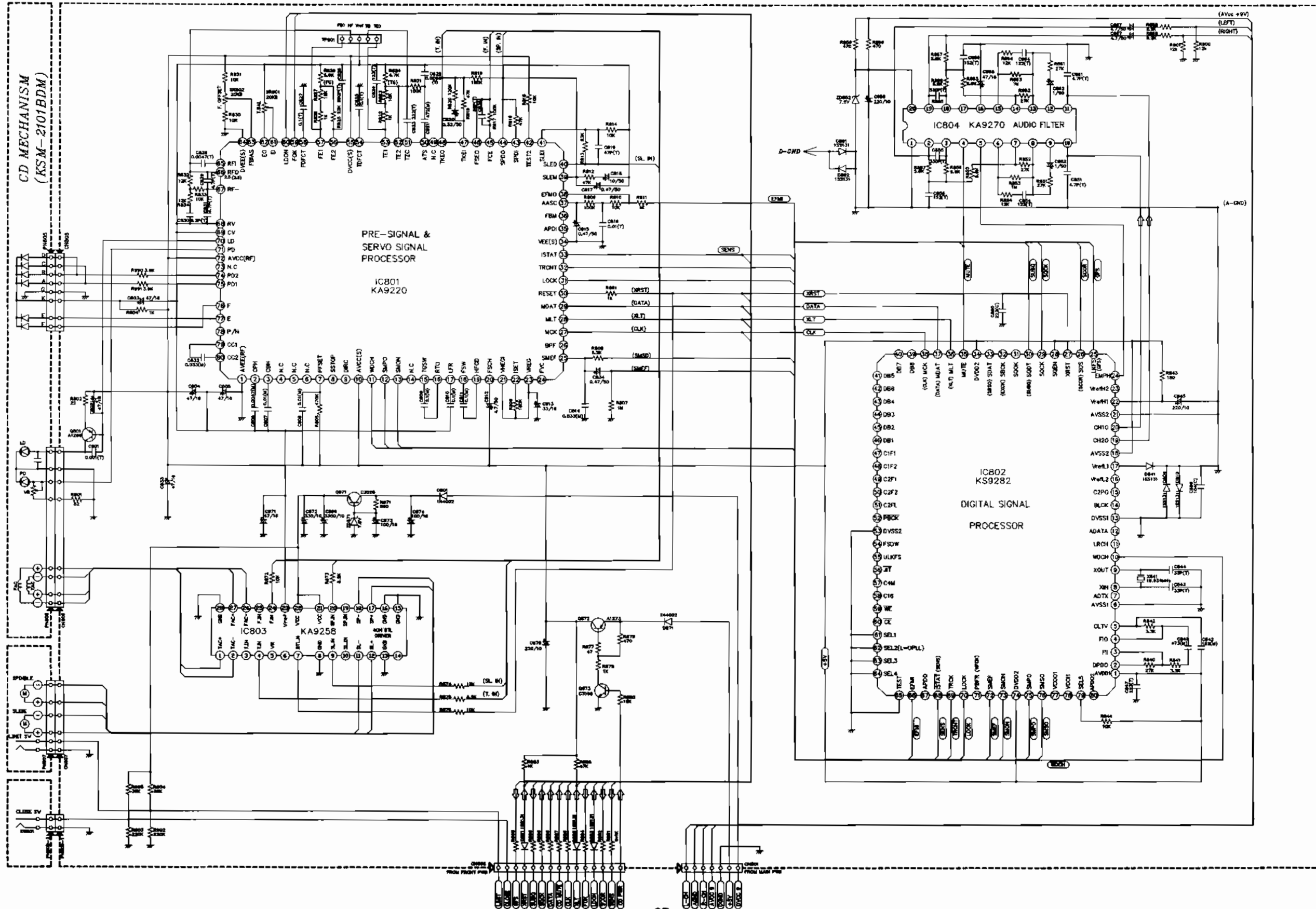
SCHEMATIC DIAGRAM

● MAIN/POWER



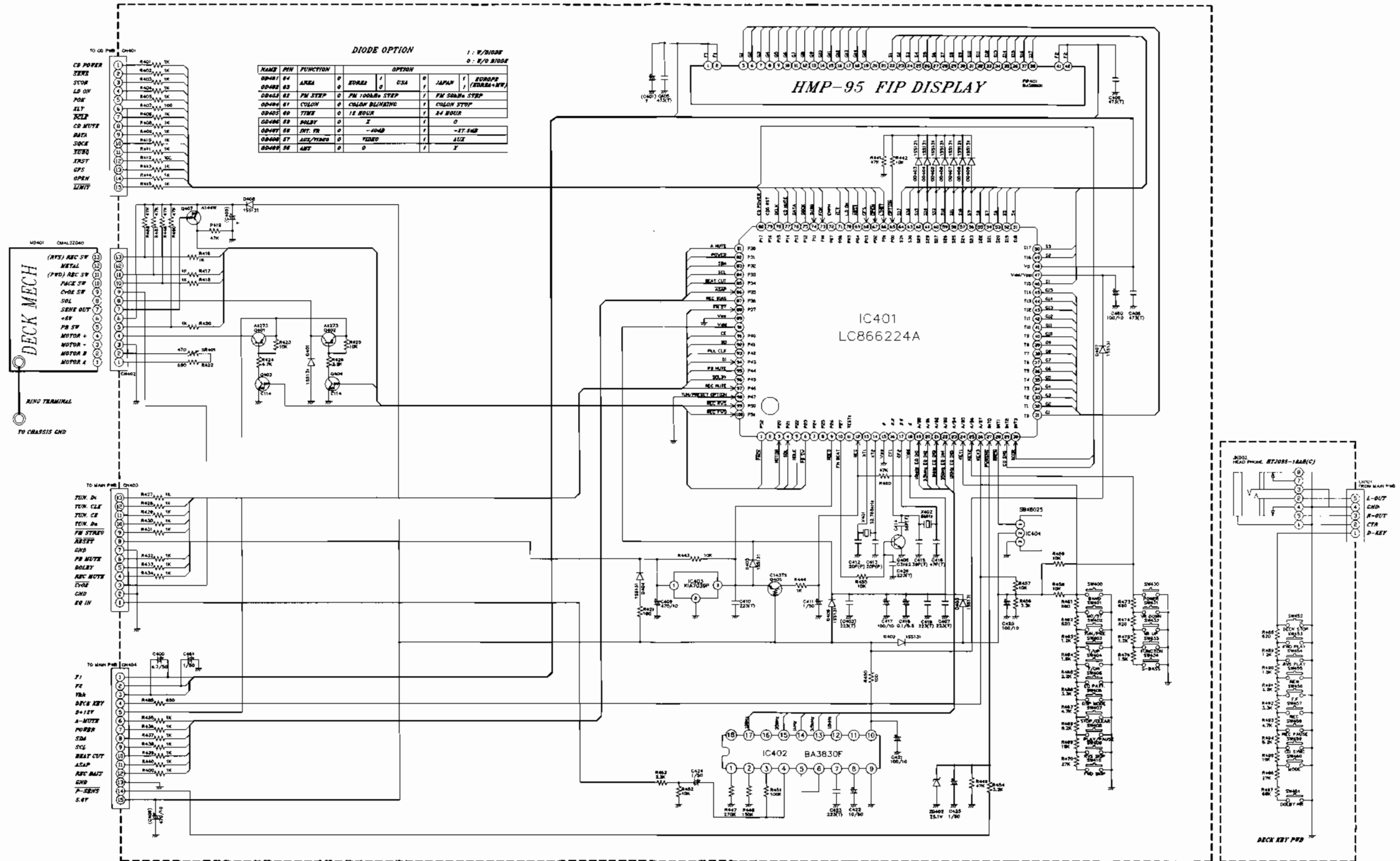
SCHEMATIC DIAGRAM

● CDP



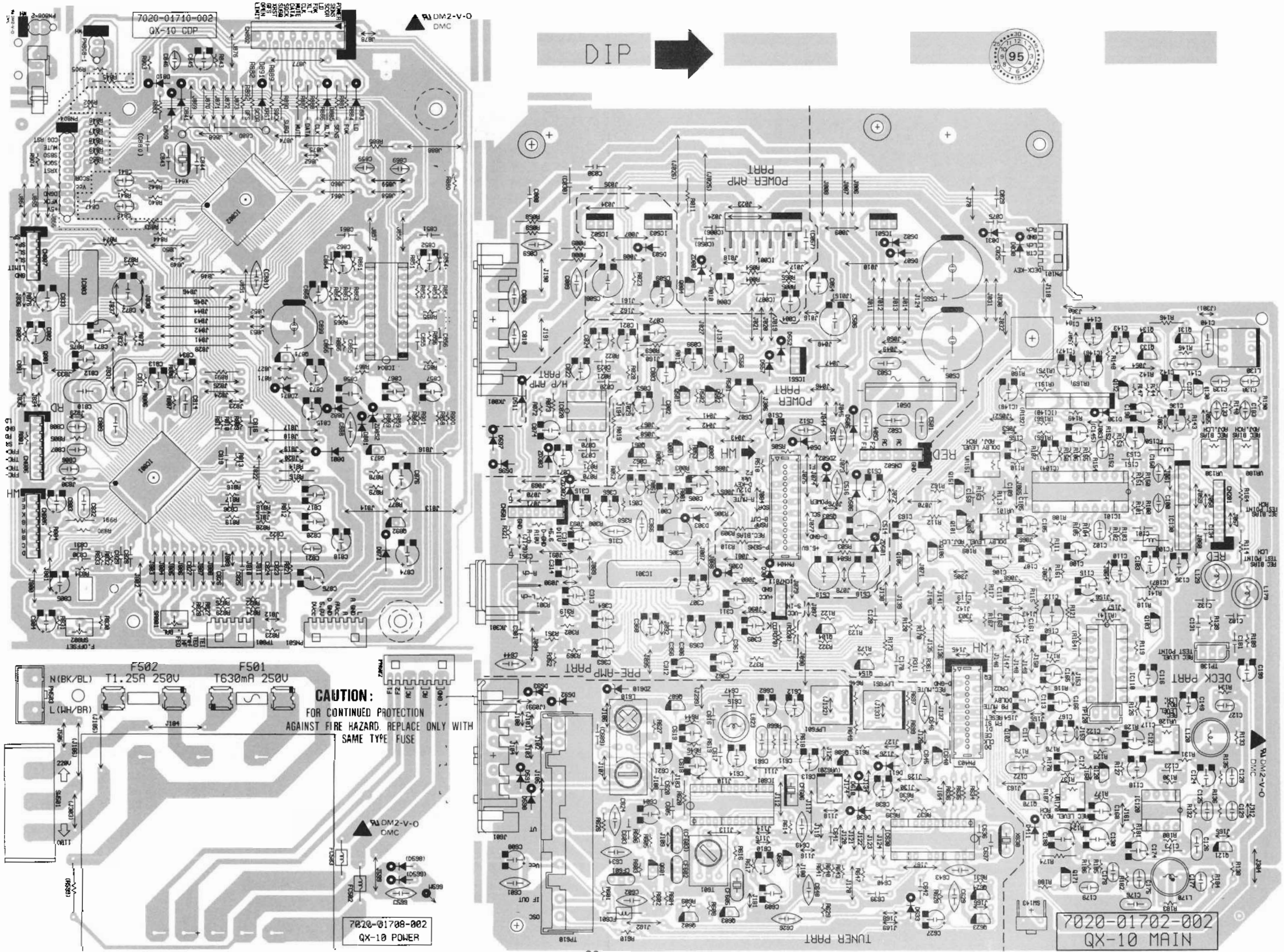
SCHEMATIC DIAGRAM

● FRONT/KEY



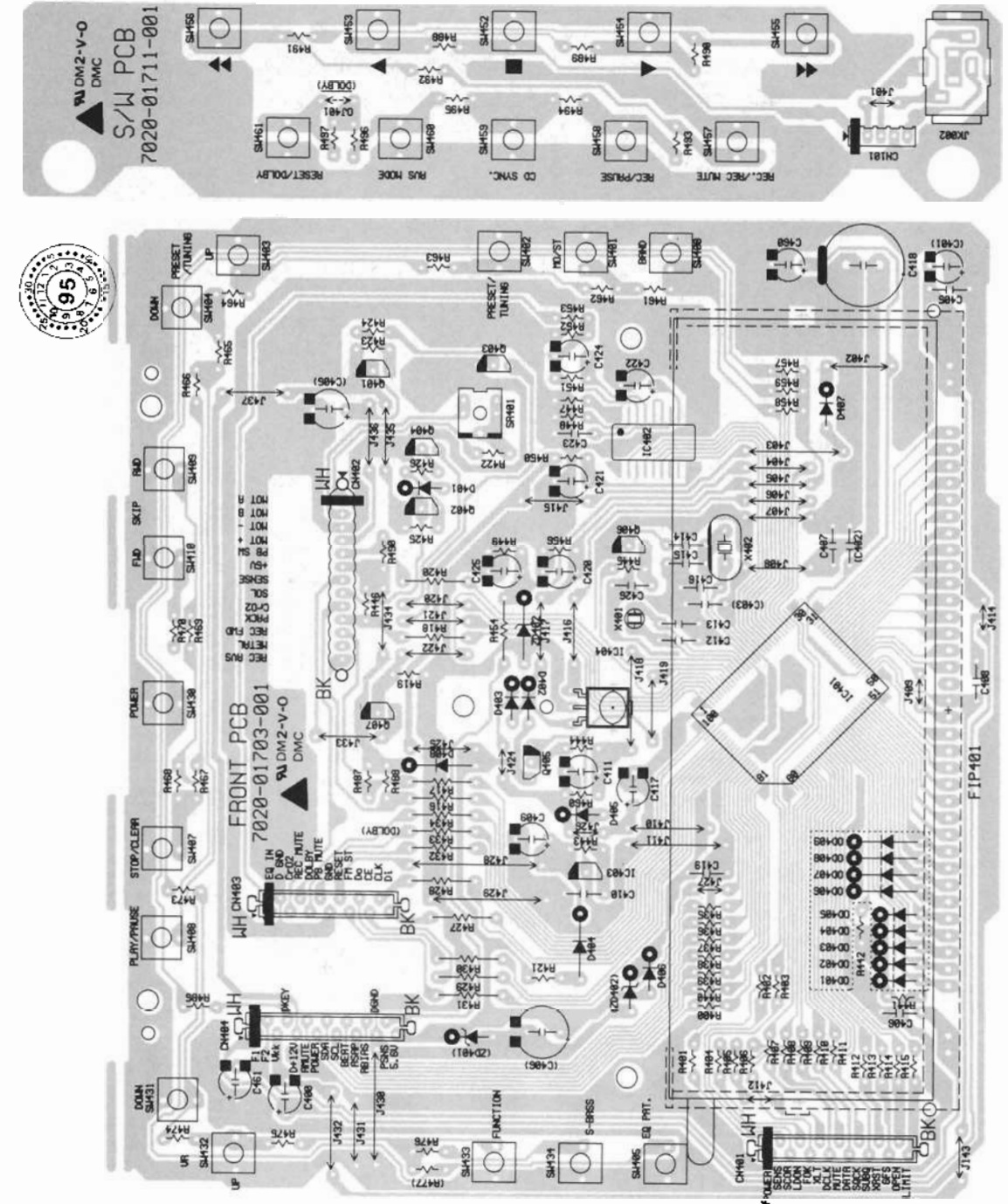
PCB LAYOUT

● MAIN/POWER/CDP P.C.B.



PCB LAYOUT

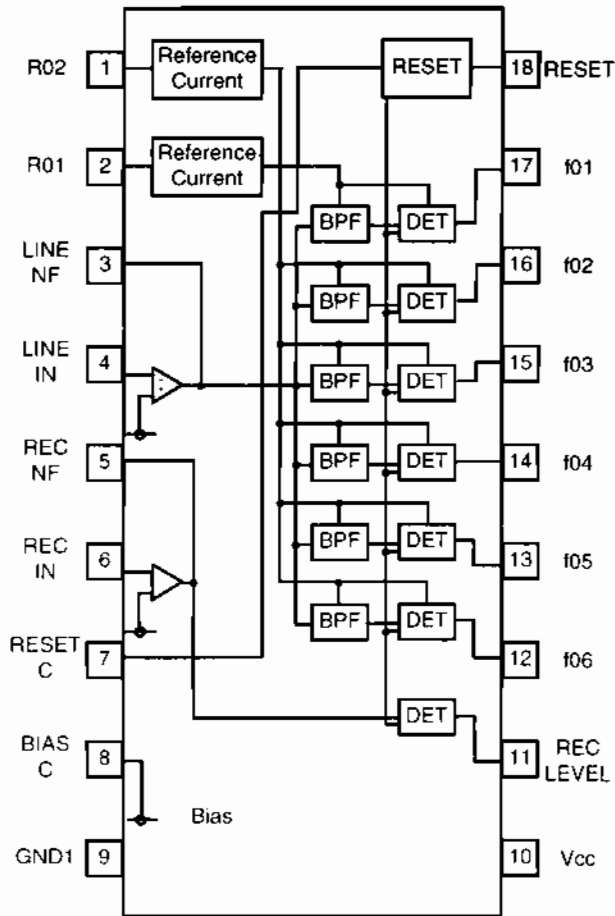
● FRONT/KEY P.C.B.



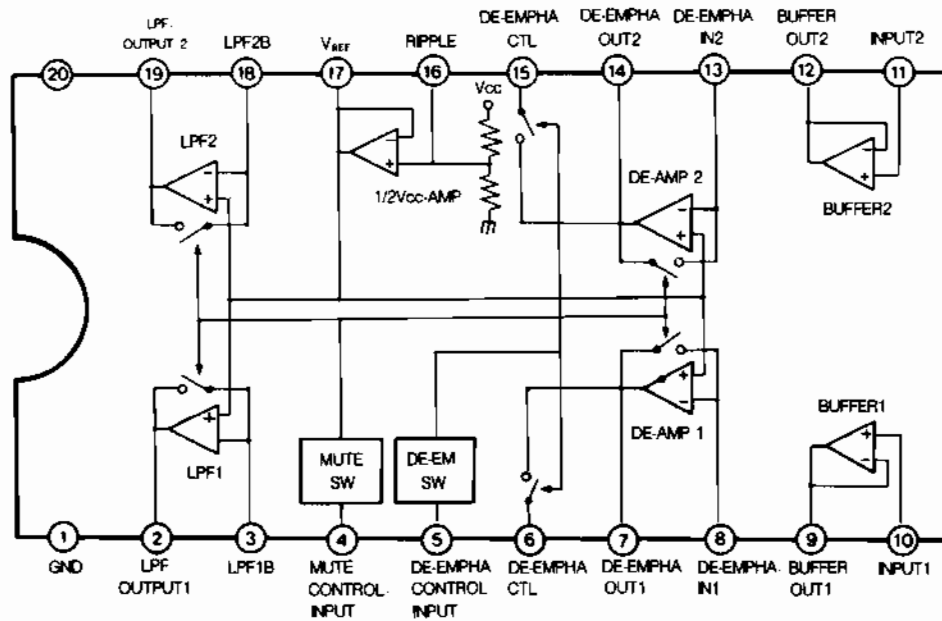
DIP ↑

BLOCK DIAGRAM OF ICs

■ BA3830F

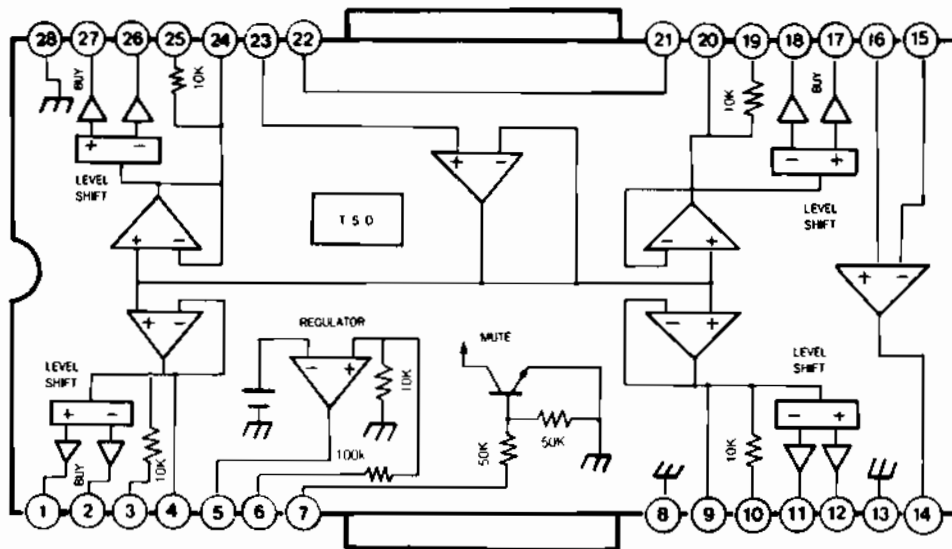


■ KA9270



BLOCK DIAGRAM OF ICs

KA9258

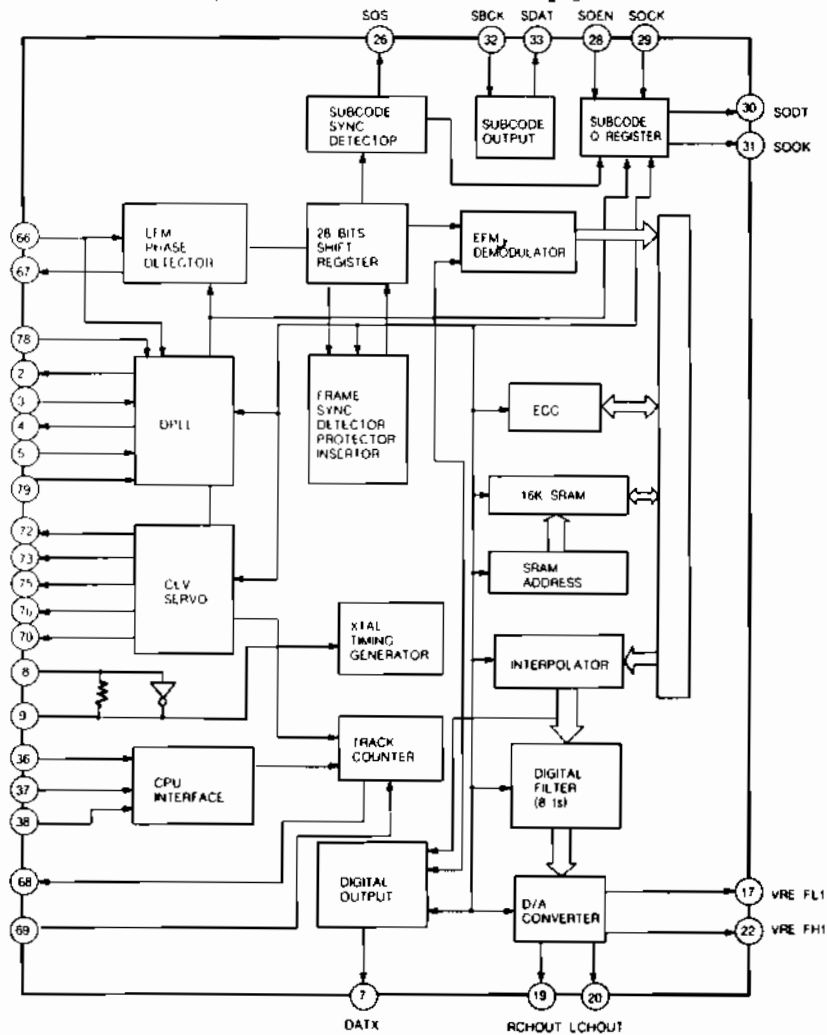
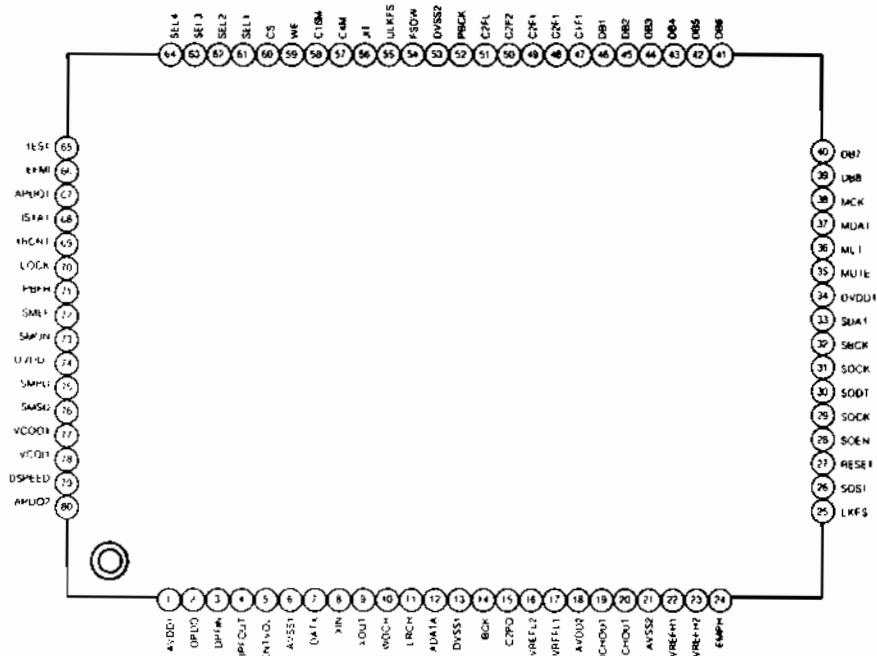


PIN DESCRIPTION

| Pin No. | Symbol | I/O | Description |
|---------|----------|-----|-------------------|
| 1 | DO1.1 | O | DRIVE OUTPUT |
| 2 | DO1.2 | O | DRIVE OUTPUT |
| 3 | DI1.1 | I | DRIVE INPUT |
| 4 | DI1.2 | I | DRIVE INPUT |
| 5 | REG | | REGULATOR |
| 6 | REGO | O | REGULATOR OUTPUT |
| 7 | MUTE | | MUTE |
| 8 | GND1 | | GROUND |
| 9 | DI2.1 | I | DRIVE INPUT |
| 10 | DI2.2 | I | DRIVE INPUT |
| 11 | DO2.1 | O | DRIVE OUTPUT |
| 12 | DO2.2 | O | DRIVE OUTPUT |
| 13 | GND2 | | GROUND |
| 14 | OPOUT | O | OPAMP OUTPUT |
| 15 | OPIN (-) | I | OPAMP OUTPUT (-) |
| 16 | OPIN (+) | I | OPAMP INPUT(+) |
| 17 | DO3.1 | O | DRIVE OUTPUT |
| 18 | DO3.2 | O | DRIVE OUTPUT |
| 19 | DI3.1 | I | DRIVE INPUT |
| 20 | DI3.2 | I | DRIVE INPUT |
| 21 | VCC1 | | SUPPLY VOLTAGE |
| 22 | VCC2 | | SUPPLY VOLTAGE |
| 23 | VREF | | 2.5V BIAS VOLTAGE |
| 24 | SI4.1 | I | DRIVE INPUT |
| 25 | DI4.2 | I | DRIVE INPUT |
| 26 | DO4.1 | O | DRIVE OUTPUT |
| 27 | DO4.2 | O | DRIVE OUTPUT |
| 28 | GND3 | | GROUND |

BLOCK DIAGRAM OF ICs

KA9282



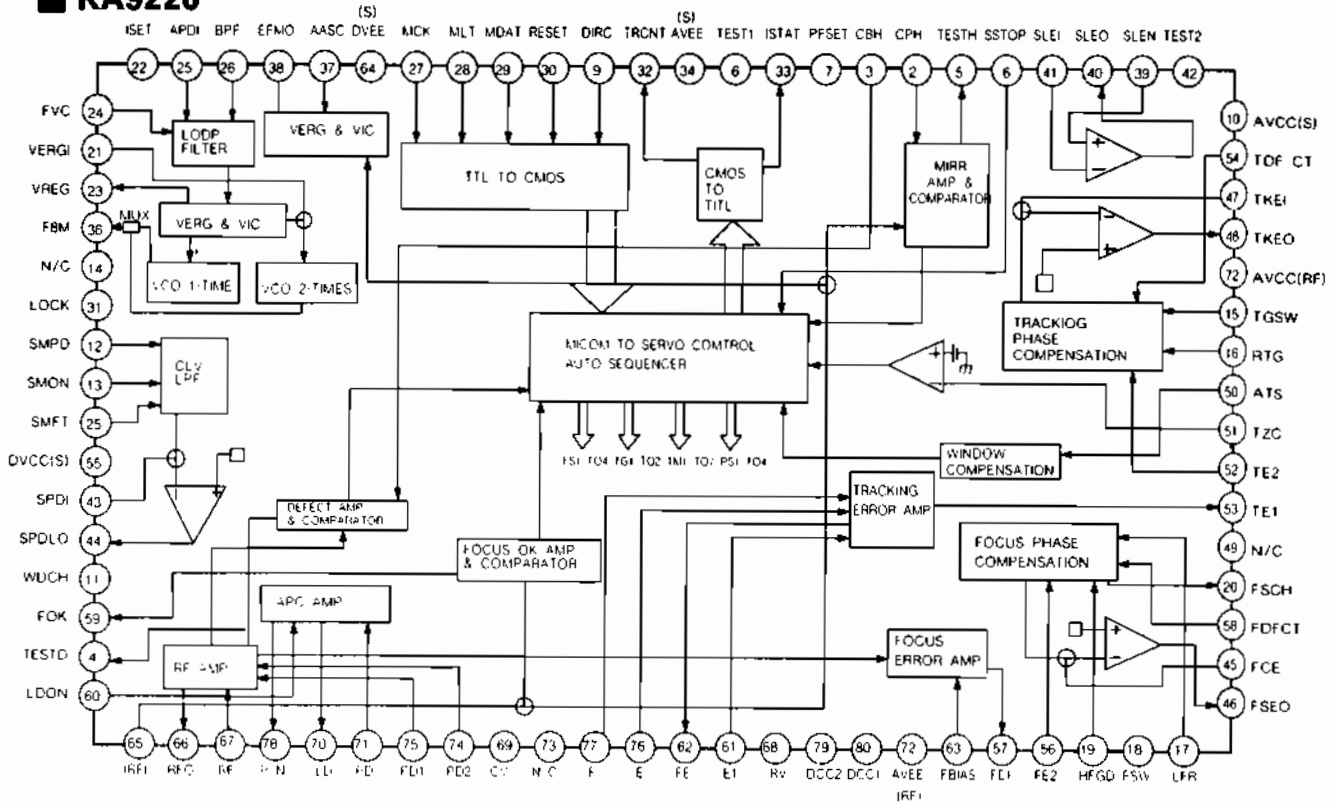
BLOCK DIAGRAM OF ICs

PIN DESCRIPTION

| Pin No. | Symbol | I/O | Description | Pin No. | Symbol | I/O | Description |
|---------|--------------------|-----|--------------------------------------------------------------------------------------------|---------|--------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | AVDD1 | | Analog Vcc1 | 43 | DB4 | I/O | SRAM data I/O Port 4 |
| 2 | DPD0 | O | Charge pump output for master PLL | 44 | DB3 | I/O | SRAM data I/O Port 3 |
| 3 | DPFIN | I | Filter input for master PLL | 45 | DB2 | I/O | SRAM data I/O Port 2 |
| 4 | DPFOUT | O | Filter output for master PLL | 46 | DB1 | I/O | SRAM data I/O Port 1 (LSB) |
| 5 | CNTVOL | I | VCO control voltage for master PLL | 47 | C1F1 | I/O | Monitoring output for C1 error correction (RA1) |
| 6 | AVSS1 | | Analog Ground 1 | 48 | C1F2 | I/O | Monitoring output for C1 error correction (RA2) |
| 7 | DATX | O | Digital audio output | 49 | C2F1 | I/O | Monitoring output for C2 error correction (RA3) |
| 8 | XIN | I | X-tal oscillator input | 50 | C2F2 | I/O | Monitoring output for C2 error correction (RA4) |
| 9 | XOUT | O | X-tal oscillator input | 51 | C2FL | I/O | C2 decoder flag (High: When the processing C2 code is impossible correction state) (RA5) |
| 10 | WDCH | O | Word clock of 48 bit / SLOT (Normal speed=88.2kHz, Double speed=176.4kHz) | 52 | /PBCK | I/O | Output of VCO / 2 (Normal speed=4.321MHz, Double speed=8.6436MHz) (RA6) |
| 11 | LRCH | O | Channel clock of 48 bit / SLOT (Normal speed=44.1kHz, Double speed=88.2kHz) | 53 | DVss2 | | Digital Ground 2 |
| 12 | ADATA | O | Serial audio data output of 48 bit / SLOT (MSB first) | 54 | FSDW | I/O | Unprotected frame sync (RA7) |
| 13 | DVSS1 | | Digital Ground 1 | 55 | ULKFS | I/O | Frame sync protection state (RA8) |
| 14 | BCK | O | Audio data Bit clock for 48 bit / SLOT (Normal speed=2.1168kHz, Double speed=4.2336kHz) | 56 | /JIT | I/O | Display of either RAM overflow or underflow for ±4 frame jitter margin (RA9) |
| 15 | C2P0 | O | C2 pointer for output audio data | 57 | C4M | I/O | Only monitoring signal (Normal playback: 4.2336MHz) (RA10) |
| 16 | VREFL2 | I | Input terminal 2 of reference voltage "L" (Floating) | 58 | C16M | I/O | 16.9344MHz signal output (RA11) |
| 17 | VREFL1 | I | Input terminal 1 of reference voltage "L" (GND Connection) | 59 | /WE | I/O | Terminal for test |
| 18 | AVDD2 | | Analog VCC2 | 60 | /CS | I/O | Terminal for test |
| 19 | RCHOUT | O | Right-Channel audio output through D/A converter | 61 | SEL1 | I | Mode Selection Terminal 1 (H: 33.8688MHz, L: 16.9344MHz) |
| 20 | LCHOUT | O | Left-Channel audio output through D/A converter | 62 | SEL2 | I | Mode Selection Terminal 2 (H: APLL, L: DPLL) |
| 21 | AVSS2 | | Analog Ground 2 | 63 | SEL3 | I | Mode Selection Terminal 3 (H: CDROM, L: CDF) |
| 22 | VREFH1 | I | Input terminal 1 of reference voltage "H" (V _{DD} connection) | 64 | SEL4 | I | Mode Selection Terminal 4 (L: Internal SRAM) |
| 23 | VREFH2 | I | Input terminal 2 of reference voltage "H" (Floating) | 65 | TEST | I | Test Terminal (L=Normal operating state) |
| 24 | EMPH | O | Emphasis / Non-Emphasis Output ("H": Emphasis) | 66 | EFM1 | I | EFM Signal input |
| 25 | LKFS | O | The Lock Status output of frame sync | 67 | APD0 | O | Charge Pump output for analog PLL |
| 26 | SOS1 | O | Output of subcode sync signal (S0+S1) | 68 | /ISTAT | O | The internal status output |
| 27 | RESET | I | System reset at "L" | 69 | TRCNT | I | Tracking counter input signal |
| 28 | SQEN | I | SQCK I/O Control ("L": internal CK, "H": external CK) | 70 | LOCK | O | Output signal of LKFS Condition sampled PBFR / 16 (If LKFS is "H", Lock is "H". If the LKFS is sampled "L" at least 8 times by PBFR / 16, Lock is "L") |
| 29 | SQCK | I/O | Clock for output Subcode-Q data | 71 | PBFR | O | Write frame clock (Lock: 7.35kHz) |
| 30 | SQDT | O | Serial output of Subcode-Q data | 72 | SMEF | O | LPF time constant control of the spindle servo error signal |
| 31 | SQOK | O | The CRC check result signal output of subcode-Q | 73 | SMON | O | ON / OFF control signal for spindle servo |
| 32 | SBCK | I | CLOCK for output subcode-Q data | 74 | DV _{DD} 2 | | Digital Vcc 2 |
| 33 | SDAT | O | Subcode serial data output | 75 | SMPD | O | Spindle Motor drive (Rough control in the CLV-S mode Phase control in the CLV-P mode) |
| 34 | DV _{DD} 1 | | Digital Vcc1 | 76 | SMSD | O | Spindle Motor drive (Velocity control in the CLV-P mode) |
| 35 | MUTE | I | Mute control Input ("H": Mute on) | 77 | VC _{DD} 1 | O | Vcc output signal (When the state is lock by means of PBFR, it is 8.643MHz) |
| 36 | MLT | I | Latch Signal Input from Micom | 78 | VC _{DD} 1 | I | VCO input signal |
| 37 | MDAT | I | Serial data Input from Micom | 79 | DSPEED | I | Double speed mode control (H: Normal Speed, L: Double Speed) |
| 38 | MCK | I | Serial Clock Input from Micom | 80 | APD02 | O | Analog PLL Charge Pump output for Double Speed mode |
| 39 | DB8 | I/O | SRAM data I/O Port 8 (MSB) | | | | |
| 40 | DB7 | I/O | SRAM data I/O Port 7 | | | | |
| 41 | DB6 | I/O | SRAM data I/O Port 6 | | | | |
| 42 | DB5 | I/O | SRAM data I/O Port 5 | | | | |

BLOCK DIAGRAM OF ICs

KA9220

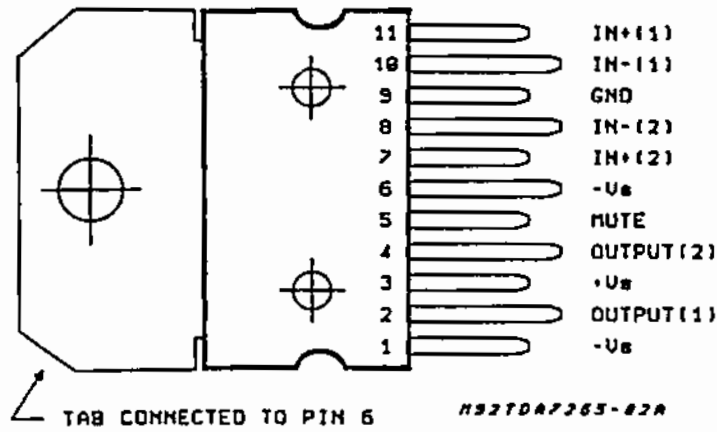


PIN DESCRIPTION

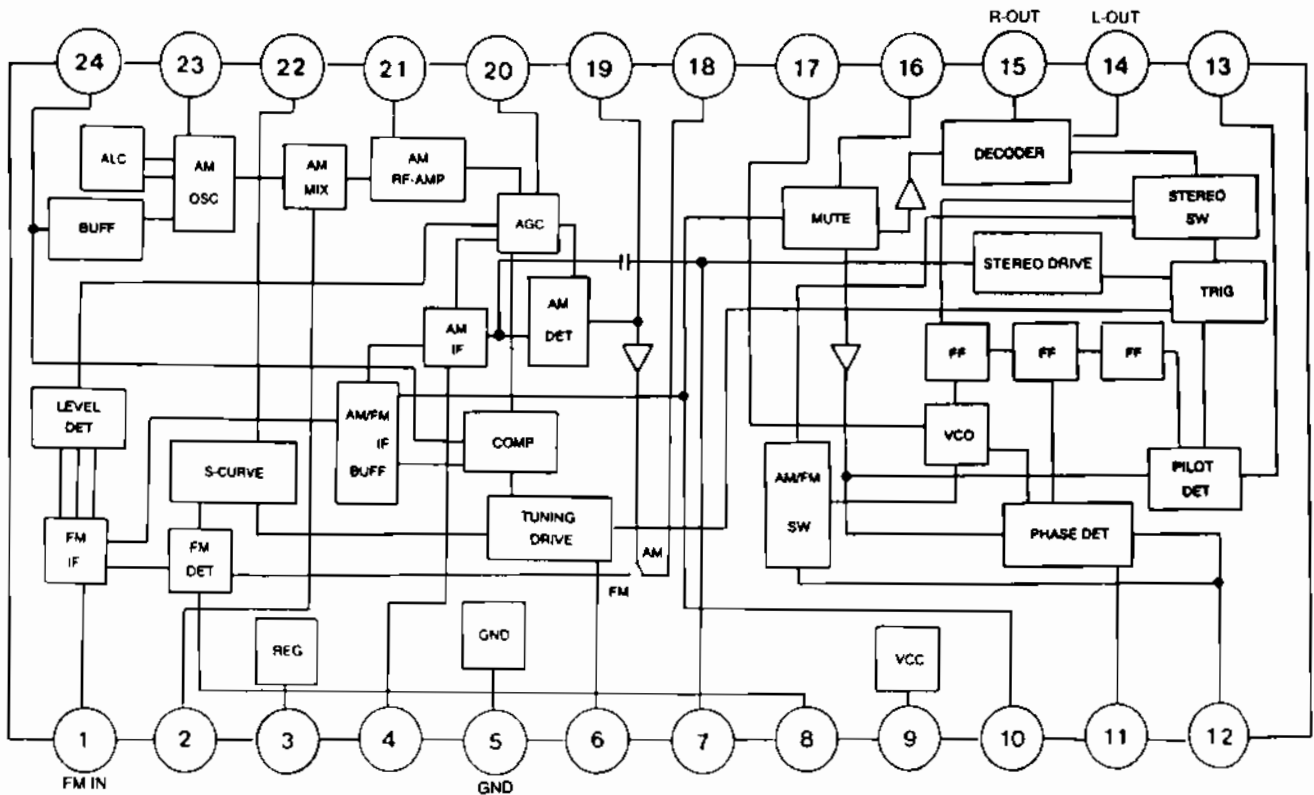
| Pin No. | System | Description | Pin No. | System | Description |
|---------|----------|----------------------------------------------------------------------------------------------------|---------|----------|---------------------------------------------------------------------------|
| 1 | AVEE (R) | Analog negative power supply input pin for RF part | 39 | SLEN | Non-inverting input pin of SLED SERVO amplifier |
| 2 | CPH | Capacitor connection pin of mirror hold | 40 | SLE0 | Output pin of SLED SERVO amplifier |
| 3 | CBH | Capacitor connection pin of defect bottom-hold | 41 | SLE1 | Inverting input pin of SLED SERVO amplifier |
| 4 | TESTD | Defect test pin | 42 | TEST2 | Test input pin to change speed mode Normal speed="H", Double speed="L" |
| 5 | TESTM | Mirror test pin | 43 | SPDI | Inverting input pin of spindle servo amplifier |
| 6 | TEST1 | Input pin for test | 44 | SPDLO | Spindle servo amplifier output pin |
| 7 | PFSET | Peak frequency setting pin for focus, tracking compensation and fo (out off frequency) of CLV LPF. | 45 | FCE | Inverting input pin of focus servo compflier. |
| 8 | SSTOP | Check the position pin of pick-up whether inside or not | 46 | FSEO | output pin of focus servo amplifier |
| 9 | DIRC | Direct 1 Track Jump Control Pin | 47 | TKE1 | Non-inverting input pin of tracking servo amplifier |
| 10 | AVCC (S) | Analog positive power supply input pin for SERVO part | 48 | TKE0 | Output pin of tracking servo amplifier |
| 11 | WDOH | Auto-sequencer clock-input pin (Normal speed = 88.2kHz, Double speed = 176.4kHz) | 49 | N/C | No connection |
| 12 | SMPO | Connection pin of DSP SMPO | 50 | ATS | Anti-shock input pin |
| 13 | SMON | Connection pin of DSP SMON, spindle servo ON at "H" | 51 | TZC | Tracking Zero Crossing input pin |
| 14 | N/C | No connection pin | 52 | TE2 | Tracking Error Servo input pin |
| 15 | TGSW | Providing time constant to change the high frequency tracking gain | 53 | TE1 | Output pin of tracking Error Amplifier |
| 16 | RTG | Capacitor connection pin switch the tracking gain of high frequency | 54 | TDFCT | Capacitor Connection pin for Defect Compensation of tracking servo |
| 17 | LFR | Capacitor connection pin to perform raising low bandwidth of focus servo loop | 55 | DVCC (S) | Digital positive power supply input pin for servo part |
| 18 | FSW | High frequency gain of focus servo loop can be changed by FS3 switch ON or OFF | 56 | FE2 | Focus error servo input pin |
| 19 | HFGD | Reducing high frequency gain with capacitor connected between pin 18 and pin 19. | 57 | FE1 | Output pin of focus error Amplifier |
| 20 | FSCH | Time constant external pin to generate focus search waveform | 58 | DFCT | Capacitor connection pin for defect compensation of focus servo |
| 21 | VERG1 | External regulator voltage input pin for VCO | 59 | FOK | Output pin of Focus ok comparator. |
| 22 | ISET | Determining the peak value of focus search, track jump and SLED kick | 60 | LDON | Laser diode ON/OFF control pin |
| 23 | VREG | 3.5V Regulator output pin | 61 | E1 | Feedback input pin of E 1-V amplifier |
| 24 | FVC | Pin connected external resistor to adjust free running frequency of VCO | 62 | E0 | Output pin of E 1-V Amplifier |
| 25 | SMEF | Providing an external LPF time constant of CLV SERVO Loop | 63 | FBIAS | Bias pin of non-inverting input of focus error amplifier |
| 26 | BPF | Providing time constant for Loop filter of VCO | 64 | DVEE (S) | Digital negative power supply input pin for servo part |
| 27 | MCK | Clock input pin from microm | 65 | RF1 | Output Signal of RF summing amplifier is inputted through capacitor |
| 28 | MLT | Latch input pin from microm | 66 | RF0 | Output pin of RF summing amplifier |
| 29 | MDAT | Data input pin from microm | 67 | RF- | Inverting input pin of RF summing amplifier |
| 30 | RESET | Reset input pin from microm, reset at "L" | 68 | RV | Output pin of (AVCC + AVEE) / 2 Voltage |
| 31 | LOCK | Pin for operation of the lead runaway prevention function at "L" | 69 | CV | Bias input pin of Center Voltage buffer |
| 32 | TRCNT | Track count output pin | 70 | LD | Output pin of APC amplifier |
| 33 | ISTAT | Internal status output pin | 71 | PD | Input pin of APC amplifier |
| 34 | AVEE (S) | Analog negative power supply input pin for SERVO part | 72 | AVCC (R) | Analog positive power supply input pin for RF part |
| 35 | APD1 | Input pin of DSP phase comparison output (PHAS) | 73 | N / C | No connection |
| 36 | FBM | Output pin of analog VCO Normal speed = 8.64MHz, Double speed = 17.28MHz | 74 | PD2 | Inverting input pin of RF 1-V AMP2 |
| 37 | AASC | Auto-Asymmetry control input pin | 75 | PD1 | Inverting input pin of RF 1-V AMP1 |
| 38 | EFMD | EPM comparator output pin | 76 | F | Inverting input pin of F 1-V AMP |
| | | | 77 | E | Inverting input pin of E 1-V AMP |
| | | | 78 | P / N | Selecting P-sub / N-sub of Laser diode |
| | | | 79 | DCC2 | Defect bottom-hold output is inputted through capacitor |
| | | | 80 | DCC1 | Output pin of defect bottom-hold |

BLOCK DIAGRAM OF ICs

■ TDA7265

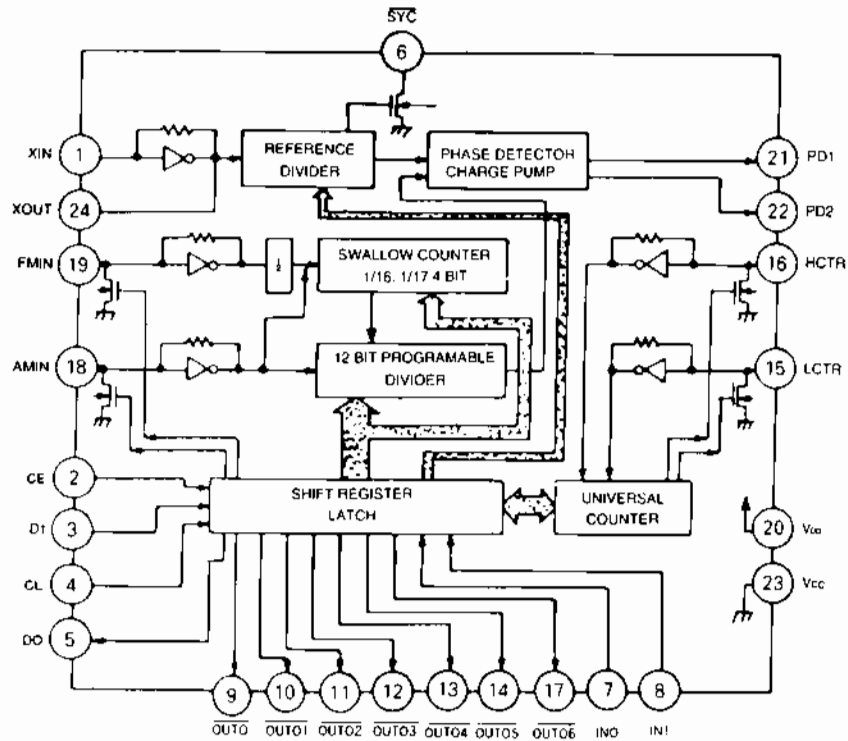


■ LA 1832

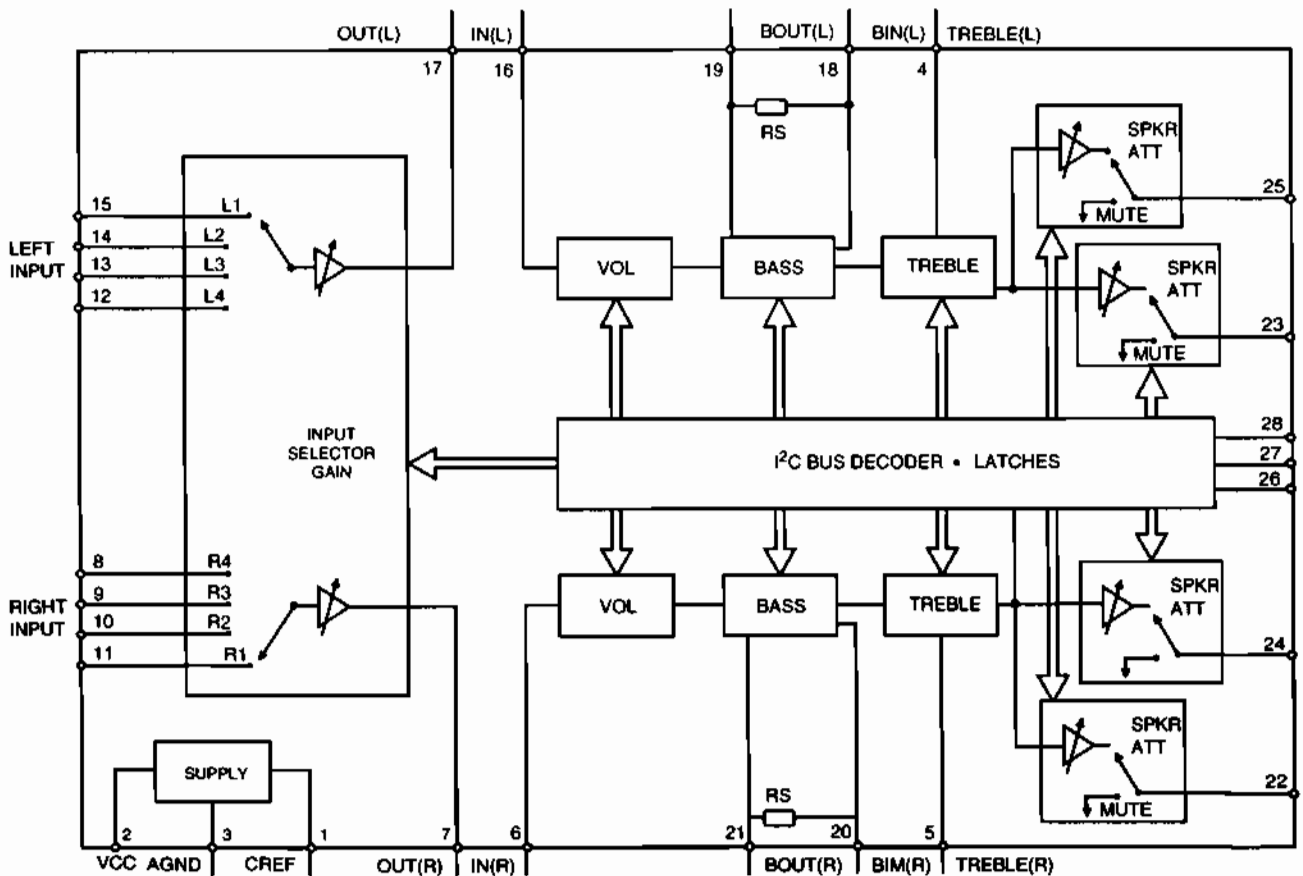


BLOCK DIAGRAM OF ICs

LC7218

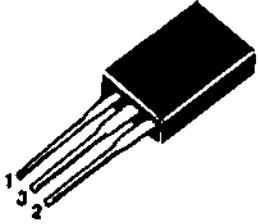


TDA7318D

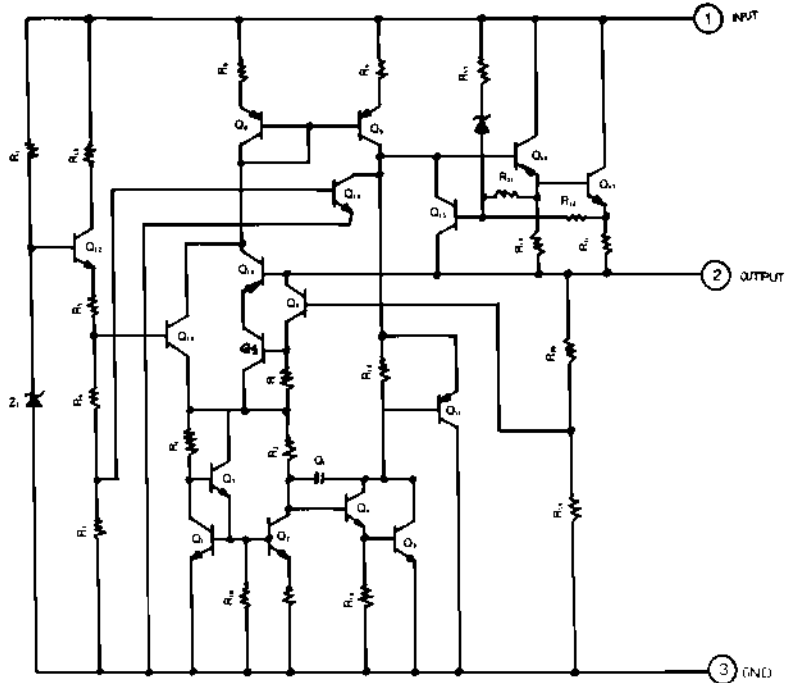


BLOCK DIAGRAM OF ICs

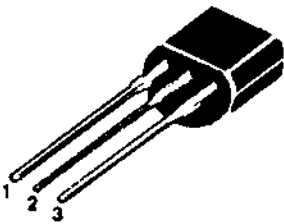
■ KIA78XXP1



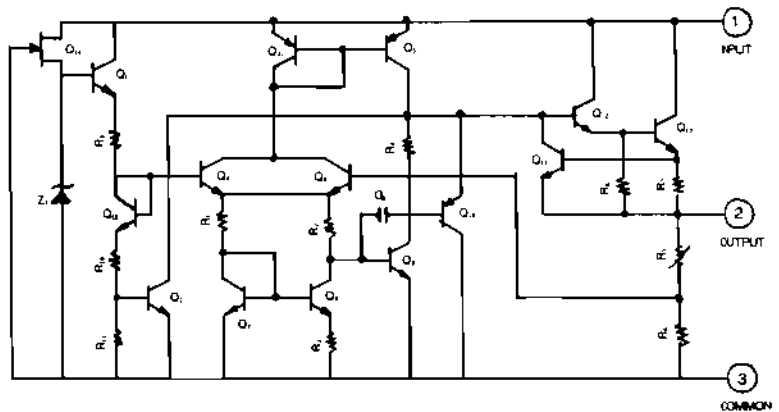
- 1. INPUT
- 2. OUTPUT
- 3. GND



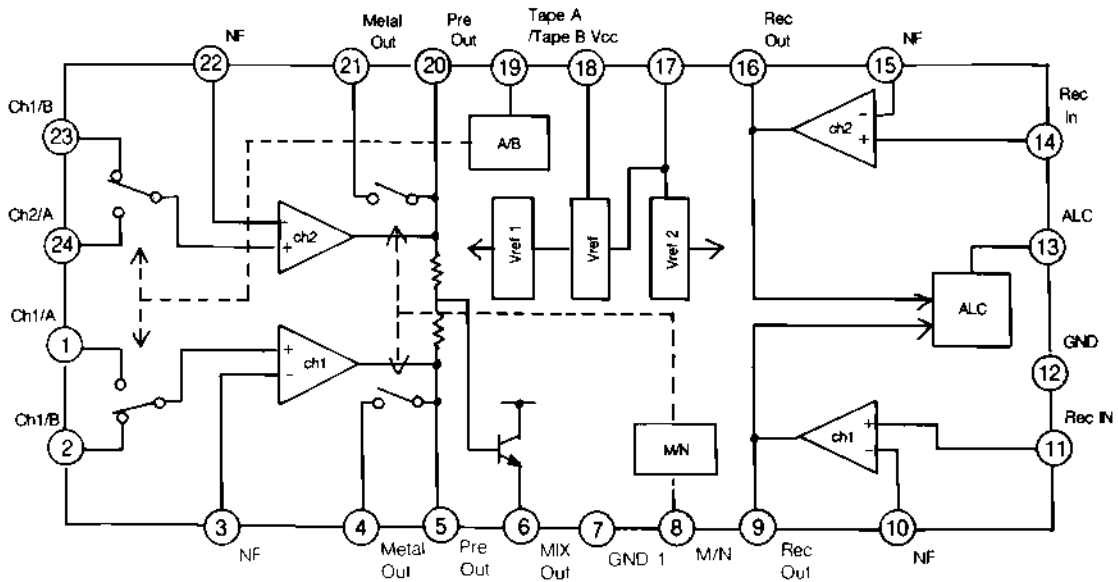
■ KIA78S05P



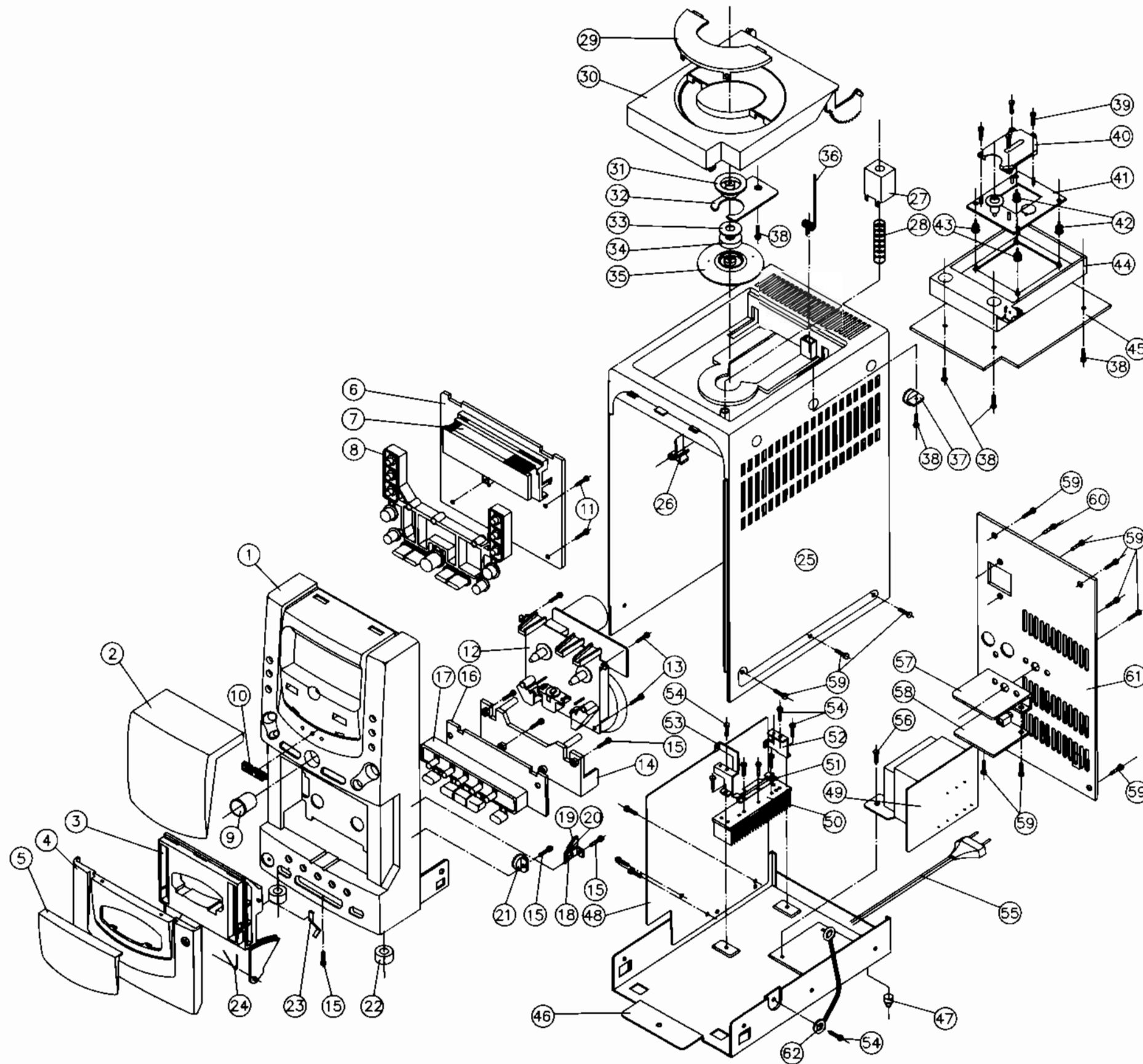
- 1. INPUT
- 2. OUTPUT
- 3. COMMON



■ KIA6289N

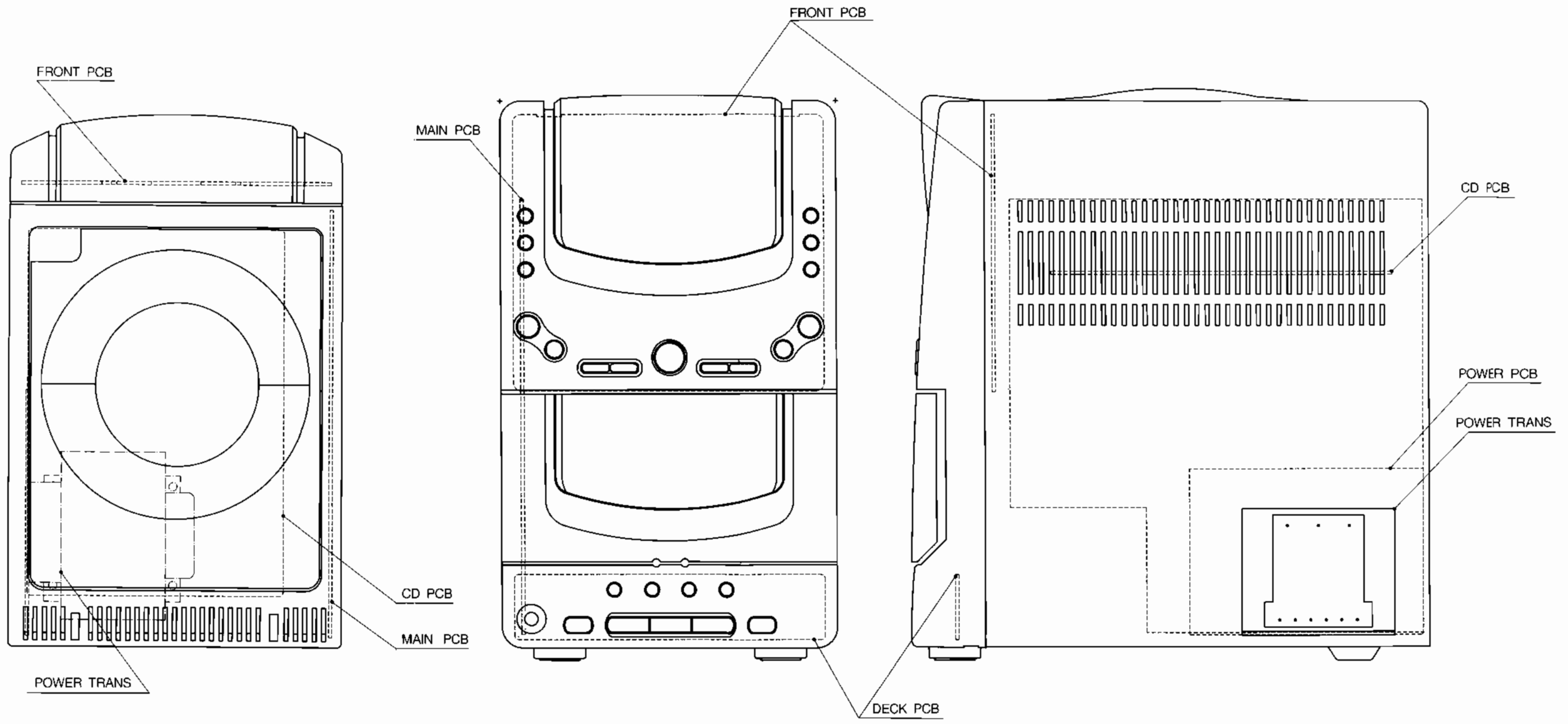


EXPLODED VIEW



| NO | PART NO | DESCRIPTION | Q'TY |
|----|--------------|----------------------------------------|------|
| 1 | 306002000101 | PANEL FRONT | 1 |
| 2 | 507002000201 | WINDOW FIP | 1 |
| 3 | 504002000101 | DOOR CST | 1 |
| 4 | 431702000101 | COVER DOOR | 1 |
| 5 | 507000001201 | WINDOW CST | 1 |
| 6 | 702801700003 | PCB FRONT | 1 |
| 7 | 432002003101 | HOLDER FIP | 1 |
| 8 | 509002000101 | BUTTON FUNCTION | 1 |
| 9 | 512002000101 | DECORATION POWER | 1 |
| 10 | 563000045000 | BADGE AKAI | 1 |
| 11 | B010HC6083B6 | SCREW TAP BH + 2S 3 * 8 B" TITE BK | 5 |
| 12 | 815000031002 | DECK | 1 |
| 13 | B010HC6083B6 | SCREW TAP BH + 2S 3 * 8 B" TITE BK | 4 |
| 14 | 432002002101 | HOLDER DECK | 1 |
| 15 | B010HC6083B6 | SCREW TAP BH + 2S 3 * 8 B" TITE BK | 7 |
| 16 | 702801701001 | PCB S/W | 1 |
| 17 | 509002001101 | BUTTON DECK | 1 |
| 18 | 435002000101 | GUIDE EJECT | 1 |
| 19 | 432002001101 | HOLDER GUIDE | 1 |
| 20 | 372002003601 | SPRING E/T GUIDE | 1 |
| 21 | 247000048000 | GEAR DAMPER | 1 |
| 22 | 400009001901 | FOOT B' | 2 |
| 23 | 372002000601 | SPRING TAPE | 2 |
| 24 | 372002002601 | SPRING E/T CST | 1 |
| 25 | 303002000101 | CASE UPPER | 1 |
| 26 | 253002000101 | LEVER E/T CD | 1 |
| 27 | 508002000101 | KNOB E/T CD | 1 |
| 28 | 372002001601 | SPRING E/T CD | 1 |
| 29 | 507002002201 | WINDOW CD | 1 |
| 30 | 504002001101 | DOOR CD | 1 |
| 31 | 433002002101 | CLAMP CD A' | 1 |
| 32 | 432002004101 | HOLDER CLAMP | 1 |
| 33 | 431002002601 | COVER MAGNET | 1 |
| 34 | 760000006001 | MAGNET CLAMP | 1 |
| 35 | 433002001101 | CLAMP CD B' | 1 |
| 36 | 372002004601 | SPRING CD | 1 |
| 37 | 247000048000 | GEAR DAMPER | 1 |
| 38 | B010HC6083B6 | SCREW TAP BH + 2S 3 * 8 B" TITE BK | 6 |
| 39 | B010HB3063B1 | SCREW TAP BH + 2S 2 * 6 B" TITE BK | 4 |
| 40 | 431002001101 | COVER MD | 1 |
| 41 | 803000650000 | MECHA CD | 1 |
| 42 | 405002000901 | CUSHION MD (30' BK) | 2 |
| 43 | 405002003901 | CUSHION MD (40' NATURAL) | 2 |
| 44 | 432002000101 | HOLDER MD | 1 |
| 45 | 702801699002 | PCB CD | 1 |
| 46 | 320002001601 | CHASSIS MAIN | 1 |
| 47 | 400002000901 | FOOT A' | 2 |
| 48 | 702801697002 | PCB MAIN | 1 |
| 49 | 702801698002 | PCB POWER | 1 |
| 50 | 212002000801 | HEAT SINK | 1 |
| 51 | 401002002601 | BKT IC | 1 |
| 52 | 401002000601 | BKT H/S A' | 1 |
| 53 | 401002001601 | BKT H/S B' | 1 |
| 54 | B010HC6083B6 | SCREW TAP BH + 2S 3 * 6 B" TITE BK | 10 |
| 55 | L06100096002 | POWER CORD | 1 |
| 56 | B020HF8081B2 | SCREW SPECIAL + 3S 4 * 8 B" TITE YL | 4 |
| 59 | B010HC6083B6 | SCREW TAP BH + 2S 3 * 8 B" TITE BK | 12 |
| 60 | B010HB6103B0 | SCREW TAP BH + 2S 3 * 10 B" TITE BK | 5 |
| 61 | 320002001601 | CHASSIS BACK | 1 |
| 62 | 841000048001 | GND TERMINAL | 1 |

PRINCIPAL PARTS LOCATION



ELECTRICAL PARTS LIST

| ■ MAIN PCB ASSY | | | |
|-----------------|--------------|-----------------------|---------------------------|
| Ref. No | Part No. | Description | |
| CF601 | E43010R70010 | FILTER, CERAMIC FM | SFE10.7MJA10H-A |
| CF602 | E43010R70010 | FILTER, CERAMIC FM | SFE10.7MJA10H-A |
| CF605 | E43010R70081 | FILTER, CERAMIC FM | CDA10.7MG46-A |
| CF606 | E83045600003 | RESONATOR, CERAMIC | CSB456F15 |
| CN201 | L00001768001 | CN, WIRE | 6P/8P-180MM(WH/RD/BK) |
| CN501 | L00001769001 | CN, WIRE | 7P-150MM(RD/WH) |
| CN502 | L00001770001 | CN, WIRE | 8P-160MM(BK/WH) |
| C001 | D04010008705 | C, ELECT GE 85C | 10UF-M/50V, 5 * 11-5RE |
| C002 | D00510227726 | C, CERAMIC HIK AXIAL | B0.001UF-K/50V-26RE |
| C003 | D0402R208705 | C, ELECT GE 85C | 2.2UF-M/50V, 5 * 11-5RE |
| C004 | D04033008305 | C, ELECT GE 85C | 33UF-M/16V, 5 * 11-5RE |
| C005 | D04047008205 | C, ELECT GE 85C | 47UF-M/10V, 5 * 11-5RE |
| C008 | D04001008705 | C, ELECT GE 85C | 1UF-M/50V, 5 * 11-5RE |
| C009 | D00610459705 | C, CERAMIC SEMI DISC | F0.1UF-Z/50V-5RE PI6 |
| C010 | D00712278326 | C, CERAMIC SEMI AXIAL | X0.0012UF-M/16V-26RE |
| C020 | D00510127726 | C, CERAMIC HIK AXIAL | B100PF-K/50V-26RE |
| C021 | D04022008305 | C, ELECT GE 85C | 22UF-M/16V, 5 * 11-5RE |
| C022 | D04010108305 | C, ELECT GE 85C | 100UF-M/16V, 6.3 * 11-5RE |
| C023 | D00110006726 | C, CERAMIC T.C AXIAL | SL10PF-J/50V-26RE |
| C024 | D04047008205 | C, ELECT GE 85C | 47UF-M/10V, 5 * 11-5RE |
| C025 | D00710388326 | C, CERAMIC SEMI AXIAL | Y0.01UF-M/16V-26RE |
| C029 | D00522359426 | C, CERAMIC HIK AXIAL | F0.022UF-Z/25V-26RE |
| C030 | D00522359426 | C, CERAMIC HIK AXIAL | F0.022UF-Z/25V-26RE |
| C051 | D04010008705 | C, ELECT GB 85C | 10UF-M/50V, 5 * 11-5RE |
| C052 | D00510227726 | C, CERAMIC HIK AXIAL | B0.001UF-K/50V-26RE |
| C053 | D0402R208705 | C, ELECT GE 85C | 2.2UF-M/50V, 5 * 11-5RE |
| C054 | D04033008305 | C, ELECT GE 85C | 33UF-M/16V, 5 * 11-5RE |
| C059 | D00610459705 | C, CERAMIC SEMI DISC | F0.1UF-Z/50V-5RE PI6 |
| C060 | D00712278326 | C, CERAMIC SEMI AXIAL | X0.0012UF-M/16V-26RE |
| C070 | D00510127726 | C, CERAMIC HIK AXIAL | B100PF-K/50V-26RE |
| C071 | D04022008305 | C, ELECT GE 85C | 22UF-M/16V, 5 * 11-5RE |
| C072 | D04010108305 | C, ELECT GE 85C | 100UF-M/16V, 6.3 * 11-5RE |
| C073 | D00110006726 | C, CERAMIC T.C AXIAL | SL10PF-J/50V-26RE |
| C074 | D04047008205 | C, ELECT GE 85C | 47UF-M/10V, 5 * 11-5RE |
| C075 | D00710388326 | C, CERAMIC SEMI AXIAL | Y0.01UF-M/16V-26RE |
| C080 | D00522359426 | C, CERAMIC HIK AXIAL | F0.022UF-Z/25V-26RE |
| C099 | D04022108205 | C, ELECT GE 85C | 220UF-M/10V, 6.3 * 11-5RE |
| C100 | D00468127705 | C, CERAMIC HIK DISC | B680PF-K/50V-5RE |
| C101 | D00533127726 | C, CERAMIC HIK AXIAL | B330PF-K/50V-26RE |
| C102 | D02012316705 | C, FILM MYLAR | MI-0.012UF-J/50V-5RE |
| C103 | D04022008305 | C, ELECT GE 85C | 22UF-M/16V, 5 * 11-5RE |
| C105 | D0404R708705 | C, ELECT GE 85C | 4.7UF-M/50V, 5 * 11-5RE |
| C106 | D04010108305 | C, ELECT GE 85C | 100UF-M/16V, 6.3 * 11-5RE |
| C107 | D04022008305 | C, ELECT GE 85C | 22UF-M/16V, 5 * 11-5RE |
| C108 | D0404R708705 | C, ELECT GE 85C | 4.7UF-M/50V, 5 * 11-5RE |
| C109 | D00510227726 | C, CERAMIC HIK AXIAL | B0.001UF-K/50V-26RE |
| C110 | D0404R708705 | C, ELECT GE 85C | 4.7UF-M/50V, 5 * 11-5RE |

ELECTRICAL PARTS LIST

■ MAIN PCB ASSY

| Ref. No | Part No. | Description | |
|---------|--------------|----------------------|---------------------------|
| C111 | D0402R208705 | C, ELECT GE 85C | 2.2UF-M/50V, 5 * 11-5RE |
| C112 | D04010108305 | C, ELECT GE 85C | 100UF-M/16V, 6.3 * 11-5RE |
| C113 | D04010108305 | C, ELECT GE 85C | 100UF-M/16V, 6.3 * 11-5RE |
| C114 | D04022008305 | C, ELECT GE 85C | 22UF-M/16V, 5 * 11-5RE |
| C115 | D0404R708705 | C, ELECT GE 85C | 4.7UF-M/50V, 5 * 11-5RE |
| C116 | D040R680702 | C, ELECT GE 85C | 0.68UF-M/50V, 3 * 5-2.5RE |
| C117 | D04001008705 | C, ELECT GE 85C | 1UF-M/50V, 5 * 11-5RE |
| C118 | D04010008705 | C, ELECT GE 85C | 10UF-M/50V, 5 * 11-5RE |
| C119 | D00568127726 | C, CERAMIC HIK AXIAL | B680PF-K/50V-26RE |
| C120 | D00522127726 | C, CERAMIC HIK AXIAL | B220PF-K/50V-26RE |
| C121 | D040R4708705 | C, ELECT GE 85C | 0.47UF-M/50V, 5 * 11-5RE |
| C122 | D02018316705 | C, FILM MYLAR | MI-0.018UF-J/50V-5RE |
| C123 | D00110006726 | C, CERMAIC T.C AXIAL | SL10PF-J/50V-26RE |
| C124 | D04010108206 | C, ELECT GE 85C | 100UF-M/10V, 5 * 11-5RE |
| C125 | D02015216705 | C, FILM MYLAR | MI-0.0015UF-J/50V-5RE |
| C126 | D02022316705 | C, FILM MYLAR | MI-0.022UF-J/50V-5RE |
| C127 | D02033216705 | C, FILM MYLAR | MI-0.0033UF-J/50V-5RE |
| C128 | D02047216705 | C, FILM MYLAR | MI-0.0047UF-J/50V-5RE |
| C129 | D02012316705 | C, FILM MYLAR | MI-0.012UF-J/50V-5RE |
| C130 | D04010108305 | C, ELECT GE 85C | 100UF-M/16V, 6.3 * 11-5RE |
| C131 | D00582128726 | C, CERAMIC HIK AXIAL | B820PF-M/50V-26RE |
| C132 | D00515127726 | C, CERAMIC HIK AXIAL | B150PF-K/50V-26RE |
| C133 | D00422127705 | C, CERAMIC HIK DISC | B220PF-K/50V-5RE |
| C134 | D00522359426 | C, CERMAIC HIK AXIAL | F0.022UF-Z/25V-26RE |
| C135 | D04010108305 | C, ELECT GE 85C | 100UF-M/16V, 6.3 * 11-5RE |
| C136 | D0404R708705 | C, ELECT GE 85C | 4.7UF-M/50V, 5 * 11-5RE |
| C137 | D00522359426 | C, CERMAIC HIK AXIAL | F0.022UF-Z/25V-26RE |
| C138 | D02018216705 | C, FILM MYLAR | MI-0.0018UF-J/50V-5RE |
| C139 | D02010316705 | C, FILM MYLAR | MI-0.01UF-J/50V-5RE |
| C140 | D02022316705 | C, FILM MYLAR | MI-0.022UF-J/50V-5RE |
| C141 | D02015316705 | C, FILM MYLAR | MI-0.015UF-J/50V-5RE |
| C142 | D04010108305 | C, ELECT GE 85C | 100UF-M/16V, 6.3 * 11-5RE |
| C143 | D04010108305 | C, ELECT GE 85C | 100UF-M/16V, 6.3 * 11-5RE |
| C144 | D04047008205 | C, ELECT GE 85C | 47UF-M/10V, 5 * 11-5RE |
| C149 | D0402R208705 | C, ELECT GE 85C | 2.2UF-M/50V, 5 * 11-5RE |
| C150 | D00468127705 | C, CERAMIC HIK DISC | B680PF-K/50V-5RE |
| C151 | D00533127726 | C, CERAMIC HIK AXIAL | B330PF-K/50V-26RE |
| C152 | D02012316705 | C, FILM MYLAR | MI-0.0012UF-J/50V-5RE |
| C153 | D04022008305 | C, ELECT GE 85C | 22UF-M/16V, 5 * 11-5RE |
| C155 | D0404R708705 | C, ELECT GE 85C | 4.7UF-M/50V, 5 * 11-5RE |
| C159 | D00510227726 | C, CERAMIC HIK AXIAL | B0.001UF-K/50V-26RE |
| C160 | D0404R708705 | C, ELECT GE 85C | 4.7UF-M/50V, 5 * 11-5RE |
| C161 | D0402R208705 | C, ELECT GE 85C | 2.2UF-M/50V, 5 * 11-5RE |
| C163 | D04010008705 | C, ELECT GE 85C | 10UF-M/50V, 5 * 11-5RE |
| C165 | D0404R708705 | C, ELECT GE 85C | 4.7UF-M/50V, 5 * 11-5RE |
| C166 | D040R6808702 | C, ELECT GE 85C | 0.68UF-M/50V, 3 * 5-2.5RE |
| C167 | D04001008705 | C, ELECT GE 85C | 1UF-M/50V, 5 * 11-5RE |

ELECTRICAL PARTS LIST

| ■ MAIN PCB ASSY | | | |
|-----------------|--------------|----------------------|------------------------------|
| Ref. No | Part No. | Description | |
| C169 | D00568127726 | C, CERAMIC HIK AXIAL | B680PF-K/50V-26RE |
| C170 | D00522127726 | C, CERAMIC HIK AXIAL | B220PF-K/50V-26RE |
| C171 | D040R4708705 | C, ELECT GE 85C | 0.47UF-M/50V, 5 * 11-5RE |
| C172 | D02018316705 | C, FILM MYLAR | MI-0.018UF-J/50V-5RE |
| C173 | D00110006726 | C, CERAMIC T.C AXIAL | SL10PF-J/50V-26RE |
| C174 | D04010108206 | C, ELECT GE 85C | 100UF-M/10V, 5 * 11-5RE |
| C175 | D02015216705 | C, FILM MYLAR | MI-0.0015UF-J/50V-5RE |
| C176 | D02022316705 | C, FILM MYLAR | MI-0.022UF-J/50V-5RE |
| C177 | D02033216705 | C, FILM MYLAR | MI-0.0033UF-J/50V-5RE |
| C178 | D02047216705 | C, FILM MYLAR | MI-0.0047UF-J/50V-5RE |
| C179 | D02012316705 | C, FILM MYLAR | MI-0.012UF-J/50V-5RE |
| C180 | D04010108305 | C, ELECT GE 85C | 100UF-M/16V, 6.3 * 11-5RE |
| C181 | D00582128726 | C, CERAMIC HIK AXIAL | B820PF-M/50V-26RE |
| C182 | D00515127726 | C, CERAMIC HIK AXIAL | B150PF-K/50V-26RE |
| C183 | D00422127705 | C, CERAMIC HIK DISC | B220PF-K/50V-5RE |
| C185 | D00522359426 | C, CERAMIC HIK AXIAL | F0.022UF-Z/25V-26RE |
| C198 | D04022008305 | C, ELECT GE 85C | 22UF-M/16V, 5 * 11-5RE |
| C199 | D0402R208705 | C, ELECT GE 85C | 2.2UF-M/50V, 5 * 11-5RE |
| C301 | D00522127726 | C, CERAMIC HIK AXIAL | B220PF-K/50V-26RE |
| C305 | D04047108302 | C, ELECT GE 85C | 470UF-M/16V, 8 * 11.5 L 5-RE |
| C306 | D00510227726 | C, CERAMIC HIK AXIAL | B0.001UF-K/50V-26RE |
| C307 | D04022008305 | C, ELECT GE 85C | 22UF-M/16V, 5 * 11-5RE |
| C309 | D04010008705 | C, ELECT GE 85C | 10UF-M/50V, 5 * 11-5RE |
| C310 | D0402R208705 | C, ELECT GE 85C | 2.2UF-M/50V, 5 * 11-5RE |
| C311 | D0402R208705 | C, ELECT GE 85C | 2.2UF-M/50V, 5 * 11-5RE |
| C312 | D0402R208705 | C, ELECT GE 85C | 2.2UF-M/50V, 5 * 11-5RE |
| C313 | D04010008705 | C, ELECT GE 85C | 10UF-M/50V, 5 * 11-5RE |
| C314 | D04010008705 | C, ELECT GE 85C | 10UF-M/50V, 5 * 11-5RE |
| C315 | D040R3308705 | C, ELECT GE 85C | 0.33UF-M/50V, 5 * 11-5RE |
| C316 | D00610459705 | C, CERAMIC SEMI DISC | F0.1UF-Z/50V-5RE PI6 |
| C351 | D00522127726 | C, CERAMIC HIK AXIAL | B220PF-K/50V-26RE |
| C356 | D00510227726 | C, CERAMIC HIK AXIAL | B0.001UF-K/50V-26RE |
| C359 | D04010008705 | C, ELECT GE 85C | 10UF-M/50V, 5 * 11-5RE |
| C360 | D0402R208705 | C, ELECT GE 85C | 2.2UF-M/50V, 5 * 11-5RE |
| C361 | D0402R208705 | C, ELECT GE 85C | 2.2UF-M/50V, 5 * 11-5RE |
| C362 | D0402R208705 | C, ELECT GE 85C | 2.2UF-M/50V, 5 * 11-5RE |
| C363 | D04010008705 | C, ELECT GE 85C | 10UF-M/50V, 5 * 11-5RE |
| C364 | D04010008705 | C, ELECT GE 85C | 10UF-M/50V, 5 * 11-5RE |
| C365 | D040R3308705 | C, ELECT GE 85C | 0.33UF-M/50V, 5 * 11-5RE |
| C366 | D00610459705 | C, CERAMIC SEMI DISC | F0.1UF-Z/50V-5RE PI6 |
| C501 | D02047316705 | C, FILM MYLAR | MI-0.047UF-J/50V-5RE |
| C502 | D02047316705 | C, FILM MYLAR | MI-0.047UF-J/50V-5RE |
| C503 | D02047316705 | C, FILM MYLAR | MI-0.047UF-J/50V-5RE |
| C504 | D02047316705 | C, FILM MYLAR | MI-0.047UF-J/50V-5RE |
| C505 | D04033208401 | C, ELECT GE 85C | 3300UF-M/25V, 16 * 25 L BLK |
| C506 | D04022108305 | C, ELECT GE 85C | 220UF-M/16V, 8 * 11.5-5RE |
| C507 | D04047108302 | C, ELECT GE 85C | 470UF-M/16V, 8 * 11.5 L 5-RE |

ELECTRICAL PARTS LIST

| ■ MAIN PCB ASSY | | | |
|-----------------|--------------|-----------------------|----------------------------|
| Ref. No | Part No. | Description | |
| C508 | D04047108302 | C, ELECT GE 85C | 470UF-M/16V, 8*11.5 L 5-RE |
| C509 | D04022108205 | C, ELECT GE 85C | 220UF-M/10V, 6.3*11-5RE |
| C510 | D04001008705 | C, ELECT GE 85C | 1UF-M/50V, 5*11-5RE |
| C512 | D00410327705 | C, CERAMIC HIK DISC | B0.01UF-K/50V-5RE |
| C513 | D04047008705 | C, ELECT GE 85C | 47UF-M/50V, 6.3*11-5RE |
| C514 | D04010108505 | C, ELECT GE 85C | 100UF-M/35V, 8*11.5-5RE |
| C515 | D00410327705 | C, CERAMIC HIK DISC | B0.01UF-K/50V-5RE |
| C516 | D00410327705 | C, CERAMIC HIK DISC | B0.01UF-K/50V-5RE |
| C518 | D04010108505 | C, ELECT GE 85C | 100UF-M/35V, 8*11.5-5RE |
| C519 | D04010108505 | C, ELECT GE 85C | 100UF-M/35V, 8*11.5-5RE |
| C555 | D04033208401 | C, ELECT GE 85C | 3300UF-M/25V, 16*25 L BLK |
| C556 | D04022108305 | C, ELECT GE 85C | 220UF-M/16V, 8*11.5-5RE |
| C601 | D00422359705 | C, CERAMIC HIK DISC | F0.022UF-Z/50V-5RE |
| C602 | D00422359705 | C, CERAMIC HIK DISC | F0.022UF-Z/50V-5RE |
| C603 | D00710388326 | C, CERAMIC SEMI AXIAL | Y0.01UF-M/16V-26RE |
| C604 | D04010008705 | C, ELECT GE 85C | 10UF-M/50V, 5*11-5RE |
| C605 | D00522359426 | C, CERAMIC HIK AXIAL | F0.022UF-Z/25V-26RE |
| C609 | D04010008705 | C, ELECT GE 85C | 10UF-M/50V, 5*11-5RE |
| C610 | D04001008705 | C, ELECT GE 85C | 1UF-M/50V, 5*11-5RE |
| C611 | D02018316705 | C, FILM MYLAR | MI-0.018UF-J/50V-5RE |
| C612 | D0402R208705 | C, ELECT GE 85C | 2.2UF-M/50V, 5*11-5RE |
| C613 | D0404R708705 | C, ELECT GE 85C | 4.7UF-M/50V, 5*11-5RE |
| C614 | D04010008705 | C, ELECT GE 85C | 10UF-M/50V, 5*11-5RE |
| C615 | D00510127726 | C, CERAMIC HIK AXIAL | B100PF-K/50V-26RE |
| C616 | D00568127726 | C, CERAMIC HIK AXIAL | B680PF-K/50V-26RE |
| C617 | D00782288326 | C, CERAMIC SEMI AXIAL | Y0.0082UF-M/16V-26RE |
| C618 | D04001008705 | C, ELECT GE 85C | 1UF-M/50V, 5*11-5RE |
| C619 | D04022008305 | C, ELECT GE 85C | 22UF-M/16V, 5*11-5RE |
| C620 | D00522359426 | C, CERAMIC HIK AXIAL | F0.022UF-Z/25V-26RE |
| C621 | D04010008705 | C, ELECT GE 85C | 10UF-M/50V, 5*11-5RE |
| C624 | D00647359705 | C, CERAMIC SEMI DISC | F0.047UF-Z/50V-5RE PI6 |
| C626 | D00422359705 | C, CERAMIC HIK DISC | F0.022UF-Z/25V-5RE |
| C627 | D04001008705 | C, ELECT GE 85C | 1UF-M/50V, 5*11-5RE |
| C629 | D00610459705 | C, CERAMIC SEMI DISC | F0.1UF-Z/50V-5RE PI6 |
| C634 | D00610459705 | C, CERAMIC SEMI DISC | F0.1UF-Z/50V-5RE PI6 |
| C636 | D00139006726 | C, CERAMIC T.C AXIAL | SL39PF-J/50V-26RE |
| C637 | D00139006726 | C, CERAMIC T.C AXIAL | SL39PF-J/50V-26RE |
| C638 | D04010008705 | C,ELECT GE 85C | 10UF-M/50V, 5*11-5RE |
| C639 | D00510127726 | C, CERAMIC HIK AXIAL | B100PF-K/50V-26RE |
| C640 | D00510227726 | C, CERAMIC HIK AXIAL | B0.001UF-K/50V-26RE |
| C641 | D00510227726 | C, CERAMIC HIK AXIAL | B0.001UF-K/50V-26RE |
| C642 | D00510127726 | C, CERAMIC HIK AXIAL | B100PF-K/50V-26RE |
| C643 | D00610459705 | C, CERAMIC SEMI DISC | F0.1UF-Z/50V-5RE PI6 |
| C644 | D00422359705 | C, CERAMIC HIK DISC | F0.022UF-Z/50V-5RE |
| C645 | D04010108206 | C, ELECT GE 85C | 100UF-M/10V, 5*11-5RE |
| C646 | D00610459705 | C, CERAMIC SEMI DISC | F0.1UF-Z/50V-5RE PI6 |
| C647 | D00147006726 | C, CERAMIC T.C AXIAL | SL47PF-Z/50V-26RE |

ELECTRICAL PARTS LIST

| ■ MAIN PCB ASSY | | | |
|-----------------|--------------|----------------------|-------------------------|
| Ref. No | Part No. | Description | |
| C648 | D00422359705 | C, CERAMIC HIK DISC | F0.022UF-Z/50V-5RE |
| C649 | D00422359705 | C, CERAMIC HIK DISC | F0.022UF-Z/50V-5RE |
| C661 | D02018316705 | C, FILM MYLAR | MI-0.018UF-J/50V-5RE |
| C662 | D0402R208705 | C, ELECT GE 85C | 2.2UF-M/50V, 5 * 11-5RE |
| D030 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D031 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D130 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D303 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D304 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D305 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D411 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| △ D501 | K04700400001 | D, RECTIFIER BRIDGE | D3SB20/DBF40C 5A-4PIN |
| D502 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D503 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D504 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| △ D505 | K04040020026 | D, RECTIFIER IN | IN4002A-26MM |
| △ D506 | K04040020026 | D, RECTIFIER IN | IN4002A-26MM |
| D507 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D511 | K04040020026 | D, RECTIFIER IN | IN4002A-26MM |
| D552 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D557 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D590 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D591 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D592 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D593 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D596 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D597 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D610 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D611 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D630 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| FC100 | D32025500026 | COIL, LINE FILTER | BFS2550AOSD8G-26MM |
| FC150 | D32025500026 | COIL, LINE FILTER | BFS2550AOSD8G-26MM |
| FC601 | D32025500026 | COIL, LINE FILTER | BFS2550AOSD8G-26MM |
| IC001 | J12272650001 | IC, LINEAR POWER | TDA7265-ZIP11 |
| IC020 | J12145580006 | IC, LINEAR OP | BA4558D-DIP8 |
| IC101 | J12332460001 | IC, LINEAR EQ | LA3246/DIP 20P |
| IC110 | J08111010001 | IC, DOLBY | CXA1101B-DIP 16P |
| IC120 | J12145580006 | IC, LINEAR OP | BA4558D-DIP8 |
| IC130 | J04031260001 | IC, LOGIC | BA3126N-SIP9P |
| IC301 | J12373180001 | IC, LINEAR EQ | TDA7318D-SOP28 |
| △ IC501 | J12678090002 | IC, LINEAR-REGULATOR | KIA7809PI, 20W-T0220IS |
| △ IC502 | J12678120004 | IC, LINEAR-REGULATOR | KIA7812PI, 20W-T0220IS |
| △ IC503 | J12678050011 | IC, LINEAR-REGULATOR | KIA7805PI, 20W-T0220IS |
| △ IC551 | J12679090001 | IC, LINEAR-REGULATOR | NJM79M09FA, 7.5W-T0200F |
| IC601 | J12418320001 | IC, LINEAR RF | LA1832-DIP24 |
| IC630 | J12072180001 | IC, LINEAR | LC7218-PLL/DIP24 |
| IC640 | J12678050007 | IC, LINEAR-REGULATOR | KIA78S05P, 0.6W-T092 |

ELECTRICAL PARTS LIST

| ■ MAIN PCB ASSY | | | |
|-----------------|--------------|-----------------------|---------------------------|
| Ref. No | Part No. | Description | |
| JK001 | G04002400001 | SW, PUSH BLOCK | SP024 B4 |
| JK301 | G60102004410 | TER, RCA 2PIN | DAERYUNG/JK0200441N |
| JL101 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |
| J101 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |
| J103 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |
| J104 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |
| J151 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |
| J174 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |
| J175 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |
| J601 | 753003100001 | CONTACT, TER | SP031A ANT |
| L120 | D33033300001 | COIL, FILTER-INDUCTOR | 265LY-333K/10RBM/PI10.8 |
| L129 | D30208730000 | COIL, TRAP | TRAP 87KHZ OC0099P2 |
| L130 | E08050860001 | TRANS, OSC BIAS | CQN-K5086YCT-KR |
| L170 | D33033300001 | COIL, FILTER-INDUCTOR | 265LY-333K/10RBM/PI10.8 |
| L179 | D30208730000 | COIL, TRAP | TRAP 87KHZ OC0099P2 |
| L610 | D94050120001 | RF, TRANS MW OSC | RBW07V-K5012 |
| L623 | D30218750061 | COIL, TRAP | A187LY-K5006-KR (8RB) |
| PN101 | L10153015051 | CN. WAFER 2.0MM | 53015-0510 5P ANGLE |
| PN403 | L14052004131 | CN. WIRE TRAP 1.5MM | 52004-1310 13P |
| PN404 | L14052004151 | CN. WIRE TRAP 1.5MM | 52004-1310 15P |
| Q001 | J50313020000 | SEMI, TR/GE NPN 2SD | KTD1302, 0.625W/T092-REEL |
| Q002 | J6000114E001 | SEMI, BRT/PNP RA | DTA114ES, 0.3W/T092M-REEL |
| Q004 | J5023198Y000 | SEMI, TR/GE NPN 2SC | KTC3198Y, 0.6W/T092-REEL |
| Q051 | J50313020000 | SEMI, TR/GE NPN 2SD | KTD1302, 0.625W/T092-REEL |
| Q101 | J5023198Y000 | SEMI, TR/GE NPN 2SC | KTC3198Y, 0.6W/T092-REEL |
| Q102 | J6020143T001 | SEMI, BRT/NPN RC | DTC143TS, 0.3W/T092M-REEL |
| Q103 | J6020143T001 | SEMI, BRT/NPN RC | DTC143TS, 0.3W/T092M-REEL |
| Q104 | J5023198Y000 | SEMI, TR/GE NPN 2SC | KTC3198Y, 0.6W/T092-REEL |
| Q105 | J6000114E001 | SEMI, BRT/PNP RA | DTA114ES, 0.3W/T092M-REEL |
| Q106 | J6020143T001 | SEMI, BRT/NPN RC | DTC143TS, 0.3W/T092M-REEL |
| Q120 | J5023198Y001 | SEMI, TR/GE NPN 2SC | KTC3918Y, 0.6W/T092-REEL |
| Q121 | J5023198Y001 | SEMI, TR/GE NPN 2SC | KTC3918Y, 0.6W/T092-REEL |
| Q130 | J50313020000 | SEMI, TR/GE NPN 2SD | KTD1302, 0.625W/T092-REEL |
| Q131 | J5023205Y002 | SEMI, TR/GE NPN 2SC | KTC3205Y, 1W/T092L-REEL |
| Q132 | J5023205Y002 | SEMI, TR/GE NPN 2SC | KTC3205Y, 1W/T092L-REEL |
| Q133 | J6000114E001 | SEMI, BRT/PNP RA | DTA114ES, 0.3W/T092M-REEL |
| Q134 | J6020114T001 | SEMI, BRT/NPN RC | DTA114TS, 0.3W/T092M-REEL |
| Q151 | J5023198Y000 | SEMI, TR/GE NPN 2SC | KTC3198Y, 0.6W/T092-REEL |
| Q154 | J5023198Y000 | SEMI, TR/GE NPN 2SC | KTC3198Y, 0.6W/T092-REEL |
| Q170 | J5023198Y000 | SEMI, TR/GE NPN 2SC | KTC3198Y, 0.6W/T092-REEL |
| Q171 | J5023198Y000 | SEMI, TR/GE NPN 2SC | KTC3198Y, 0.6W/T092-REEL |
| Q501 | J6020114T001 | SEMI, BRT/NPN RC | DTC114TS, 0.3W/T092M-REEL |
| Q502 | J5001273Y005 | SEMI, TR/GE PNP 2SA | KTA1273Y, 1W/T092L-REEL |
| Q503 | J5001273Y005 | SEMI, TR/GE PNP 2SA | KTA1273Y, 1W/T092L-REEL |
| Q601 | J5023192Y000 | SEMI, TR/GE NPN 2SC | KTC3198Y, 0.6W/T092-REEL |
| Q602 | J5001266Y005 | SEMI, TR/GE PNP 2SA | KTA1266Y, 0.6W/T092-REEL |
| Q603 | J6020114T001 | SEMI, BRT/NPN RC | DTC114TS, 0.3W/T092M-REEL |

ELECTRICAL PARTS LIST

■ MAIN PCB ASSY

| Ref. No | Part No. | Description |
|---------|--------------|----------------------------------------------|
| Q605 | J6020143T001 | SEMI, BRT/NPN RC DTC143TS, 0.3W/T092M-REEL |
| Q607 | J6020143T001 | SEMI, BRT/NPN RC DTC143TS, 0.3W/T092M-REEL |
| Q608 | J6020114T001 | SEMI, BRT/NPN RC DTC114TS, 0.3W/T092M-REEL |
| Q623 | J5023198Y000 | SEMI, TR/GE NPN 2SC KTC3198Y, 0.6W/T092-REEL |
| Q624 | J5023198Y000 | SEMI, TR/GE NPN 2SC KTC3198Y, 0.6W/T092-REEL |
| R001 | C00001536226 | R, CARBON FILM 15K-J, 1/6W-26RE-AX |
| R002 | C00003326226 | R, CARBON FILM 3.3K-J, 1/6W-26RE-AX |
| R003 | C00003926226 | R, CARBON FILM 3.9K-J, 1/6W-26RE-AX |
| R004 | C00001836226 | R, CARBON FILM 18K-J, 1/6W-26RE-AX |
| R005 | C00005616226 | R, CARBON FILM 560-J, 1/6W-26RE-AX |
| R008 | C00001006326 | R, CARBON FILM 10-J, 1/4W-26RE-AX |
| R009 | C00001006326 | R, CARBON FILM 10-J, 1/4W-26RE-AX |
| R010 | C00001836226 | R, CARBON FILM 18K-J, 1/6W-26RE-AX |
| R011 | C00006826226 | R, CARBON FILM 6.8K-J, 1/6W-26RE-AX |
| R013 | C00001036226 | R, CARBON FILM 10K-J, 1/6W-26RE-AX |
| R019 | C00001016326 | R, CARBON FILM 100-J, 1/4W-26RE-AX |
| R020 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R021 | C00001836226 | R, CARBON FILM 18K-J, 1/6W-26RE-AX |
| R022 | C00001046226 | R, CARBON FILM 100K-J, 1/6W-26RE-AX |
| R023 | C00002216226 | R, CARBON FILM 220-J, 1/6W-26RE-AX |
| R051 | C00001536226 | R, CARBON FILM 15K-J, 1/6W-26RE-AX |
| R052 | C00003326226 | R, CARBON FILM 3.3K-J, 1/6W-26RE-AX |
| R053 | C00003926226 | R, CARBON FILM 3.9K-J, 1/6W-26RE-AX |
| R054 | C00001836226 | R, CARBON FILM 18K-J, 1/6W-26RE-AX |
| R055 | C00005616226 | R, CARBON FILM 560-J, 1/6W-26RE-AX |
| R058 | C00001006326 | R, CARBON FILM 10-J, 1/4W-26RE-AX |
| R059 | C00001006326 | R, CARBON FILM 10-J, 1/4W-26RE-AX |
| R069 | C00001016326 | R, CARBON FILM 100-J, 1/4W-26RE-AX |
| R070 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R071 | C00001836226 | R, CARBON FILM 18K-J, 1/6W-26RE-AX |
| R072 | C00001046226 | R, CARBON FILM 100K-J, 1/6W-26RE-AX |
| R073 | C00002216226 | R, CARBON FILM 220-J, 1/6W-26RE-AX |
| R100 | C00001046226 | R, CARBON FILM 100K-J, 1/6W-26RE-AX |
| R101 | C00001046226 | R, CARBON FILM 100K-J, 1/6W-26RE-AX |
| R102 | C00008246226 | R, CARBON FILM 820K-J, 1/6W-26RE-AX |
| R103 | C00001816226 | R, CARBON FILM 180-J, 1/6W-26RE-AX |
| R104 | C00001136226 | R, CARBON FILM 11K-J, 1/6W-26RE-AX |
| R105 | C00001336226 | R, CARBON FILM 13K-J, 1/6W-26RE-AX |
| R106 | C00004736226 | R, CARBON FILM 47K-J, 1/6W-26RE-AX |
| R107 | C00004736226 | R, CARBON FILM 47K-J, 1/6W-26RE-AX |
| R108 | C00002226226 | R, CARBON FILM 2.2K-J, 1/6W-26RE-AX |
| R109 | C00005626226 | R, CARBON FILM 560-J, 1/4W-26RE-AX |
| R110 | C00006826326 | R, CARBON FILM 6.8K-J, 1/6W-26RE-AX |
| R111 | C00001046226 | R, CARBON FILM 100K-J, 1/6W-26RE-AX |
| R112 | C00001036326 | R, CARBON FILM 10K-J, 1/6W-26RE-AX |
| R113 | C00001036226 | R, CARBON FILM 10K-J, 1/6W-26RE-AX |
| R114 | C00101006310 | R, CARBON FLAME PROOF 10-J, 1/4W-F10 |

ELECTRICAL PARTS LIST

■ MAIN PCB ASSY

| Ref. No | Part No. | Description |
|---------|--------------|--------------------------------------|
| R115 | C00001016326 | R, CARBON FILM 100-J, 1/4W-26RE-AX |
| R116 | C00001036226 | R, CARBON FILM 10K-J, 1/6W-26RE-AX |
| R117 | C00003326226 | R, CARBON FILM 3.3K-J, 1/6W-26RE-AX |
| R118 | C00001036226 | R, CARBON FILM 10K-J, 1/6W-26RE-AX |
| R119 | C00004336226 | R, CARBON FILM 43K-J, 1/6W-26RE-AX |
| R120 | C00008236226 | R, CARBON FILM 8.2K-J, 1/6W-26RE-AX |
| R121 | C00004726226 | R, CARBON FILM 4.7K-J, 1/6W-26RE-AX |
| R122 | C00001826226 | R, CARBON FILM 1.8K-J, 1/6W-26RE-AX |
| R123 | C00001036226 | R, CARBON FILM 10K-J, 1/6W-26RE-AX |
| R124 | C00001016326 | R, CARBON FILM 100-J, 1/4W-26RE-AX |
| R126 | C00003926226 | R, CARBON FILM 3.9K-J, 1/6W-26RE-AX |
| R127 | C00006836226 | R, CARBON FILM 68K-J, 1/6W-26RE-AX |
| R128 | C00002226326 | R, CARBON FILM 2.2K-J, 1/4W-26RE-AX |
| R129 | C00004726226 | R, CARBON FILM 4.7K-J, 1/6W-26RE-AX |
| R130 | C00006836226 | R, CARBON FILM 68K-J, 1/6W-26RE-AX |
| R131 | C00006826226 | R, CARBON FILM 6.8K-J, 1/6W-26RE-AX |
| R132 | C00006836326 | R, CARBON FILM 68K-J, 1/6W-26RE-AX |
| R133 | C00001046226 | R, CARBON FILM 100K-J, 1/6W-26RE-AX |
| R134 | C00005616226 | R, CARBON FILM 560-J, 1/6W-26RE-AX |
| R135 | C00008226226 | R, CARBON FILM 8.2K-J, 1/6W-26RE-AX |
| R136 | C00001836226 | R, CARBON FILM 18K-J, 1/6W-26RE-AX |
| R137 | C00001036226 | R, CARBON FILM 10K-J, 1/6W-26RE-AX |
| R138 | C00001036226 | R, CARBON FILM 10K-J, 1/6W-26RE-AX |
| R139 | C00001036226 | R, CARBON FILM 10K-J, 1/6W-26RE-AX |
| R140 | C00002736226 | R, CARBON FILM 27K-J, 1/6W-26RE-AX |
| R141 | C00001016226 | R, CARBON FILM 100-J, 1/4W-26RE-AX |
| R142 | C00002216226 | R, CARBON FILM 220-J, 1/4W-26RE-AX |
| R143 | C00004726226 | R, CARBON FILM 4.7K-J, 1/6W-26RE-AX |
| R144 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R145 | C00001536226 | R, CARBON FILM 15K-J, 1/6W-26RE-AX |
| R146 | C0006R806326 | R, CARBON FILM 6.8-J, 1/4W-26RE-AX |
| R147 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R148 | C00003336226 | R, CARBON FILM 33K-J, 1/6W-26RE-AX |
| R149 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R150 | C00001046226 | R, CARBON FILM 100K-J, 1/6W-26RE-AX |
| R151 | C00001046226 | R, CARBON FILM 100K-J, 1/6W-26RE-AX |
| R152 | C00008246226 | R, CARBON FILM 820K-J, 1/6W-26RE-AX |
| R153 | C00001816226 | R, CARBON FILM 180-J, 1/6W-26RE-AX |
| R154 | C00001136226 | R, CARBON FILM 11K-J, 1/6W-26RE-AX |
| R155 | C00001336226 | R, CARBON FILM 13K-J, 1/6W-26RE-AX |
| R158 | C00002226226 | R, CARBON FILM 2.2K-J, 1/6W-26RE-AX |
| R160 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R161 | C00005626226 | R, CARBON FILM 5.6K-J, 1/6W-26RE-AX |
| R162 | C00001036226 | R, CARBON FILM 10K-J, 1/6W-26RE-AX |
| R163 | C00001036226 | R, CARBON FILM 10K-J, 1/6W-26RE-AX |
| R164 | C00101006310 | R, CARBON FLAME PROOF 10-J, 1/4W-F10 |
| R167 | C00003326226 | R, CARBON FILM 3.3K-J, 1/6W-26RE-AX |
| R170 | C00008236226 | R, CARBON FILM 82K-J, 1/6W-26RE-AX |

ELECTRICAL PARTS LIST

■ MAIN PCB ASSY

| Ref. No | Part No. | Description |
|---------|--------------|-------------------------------------|
| R171 | C00004726226 | R, CARBON FILM 4.7K-J, 1/6W-26RE-AX |
| R172 | C00001826226 | R, CARBON FILM 1.8K-J, 1/6W-26RE-AX |
| R173 | C00001036226 | R, CARBON FILM 10K-J, 1/6W-26RE-AX |
| R174 | C00001016326 | R, CARBON FILM 100-J, 1/4W-26RE-AX |
| R176 | C00003926226 | R, CARBON FILM 3.9K-J, 1/6W-26RE-AX |
| R177 | C00006836226 | R, CARBON FILM 68K-J, 1/6W-26RE-AX |
| R179 | C00002226326 | R, CARBON FILM 2.2K-J, 1/4W-26RE-AX |
| R179 | C00004726226 | R, CARBON FILM 4.7K-J, 1/4W-26RE-AX |
| R180 | C00006836226 | R, CARBON FILM 68K-J, 1/6W-26RE-AX |
| R181 | C00006836226 | R, CARBON FILM 6.8K-J, 1/6W-26RE-AX |
| R182 | C00006836226 | R, CARBON FILM 68K-J, 1/6W-26RE-AX |
| R183 | C00001046226 | R, CARBON FILM 100K-J, 1/6W-26RE-AX |
| R184 | C00005616226 | R, CARBON FILM 560-J, 1/6W-26RE-AX |
| R185 | C00008226226 | R, CARBON FILM 8.2K-J, 1/6W-26RE-AX |
| R186 | C00001836226 | R, CARBON FILM 18K-J, 1/6W-26RE-AX |
| R187 | C00001036226 | R, CARBON FILM 10K-J, 1/6W-26RE-AX |
| R188 | C00001036226 | R, CARBON FILM 10K-J, 1/6W-26RE-AX |
| R189 | C00001036226 | R, CARBON FILM 10K-J, 1/6W-26RE-AX |
| R190 | C00002736226 | R, CARBON FILM 27K-J, 1/6W-26RE-AX |
| R301 | C00001836226 | R, CARBON FILM 18K-J, 1/6W-26RE-AX |
| R302 | C00004736226 | R, CARBON FILM 47K-J, 1/6W-26RE-AX |
| R306 | C00001006326 | R, CARBON FILM 10-J, 1/4W-26RE-AX |
| R308 | C00005626226 | R, CARBON FILM 5.6K-J, 1/6W-26RE-AX |
| R309 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R310 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R311 | C00003946226 | R, CARBON FILM 390K-J, 1/6W-26RE-AX |
| R319 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R321 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R322 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R351 | C00001836226 | R, CARBON FILM 18K-J, 1/6W-26RE-AX |
| R352 | C00004736226 | R, CARBON FILM 47K-J, 1/6W-26RE-AX |
| R358 | C00005626226 | R, CARBON FILM 5.6K-J, 1/6W-26RE-AX |
| R361 | C00003946226 | R, CARBON FILM 390K-J, 1/6W-26RE-AX |
| R369 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R371 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R372 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R501 | C00001036226 | R, CARBON FILM 10K-J, 1/6W-26RE-AX |
| R502 | C00004726226 | R, CARBON FILM 4.7K-J, 1/6W-26RE-AX |
| R503 | C00002226326 | R, CARBON FILM 2.2K-J, 1/4W-26RE-AX |
| R504 | C00005616326 | R, CARBON FILM 560-J, 1/4W-26RE-AX |
| R505 | C00001036226 | R, CARBON FILM 10K-J, 1/6W-26RE-AX |
| R510 | C00001036226 | R, CARBON FILM 10K-J, 1/6W-26RE-AX |
| R601 | C00003316226 | R, CARBON FILM 330-J, 1/6W-26RE-AX |
| R602 | C00003326226 | R, CARBON FILM 3.3K-J, 1/6W-26RE-AX |
| R603 | C00006816226 | R, CARBON FILM 680-J, 1/6W-26RE-AX |
| R604 | C00003316226 | R, CARBON FILM 330-J, 1/6W-26RE-AX |
| R605 | C00003306226 | R, CARBON FILM 33-J, 1/6W-26RE-AX |
| R606 | C00001216226 | R, CARBON FILM 120-J, 1/6W-26RE-AX |

ELECTRICAL PARTS LIST

■ MAIN PCB ASSY

| Ref. No | Part No. | Description | |
|---------|--------------|----------------------|----------------------------|
| R608 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R609 | C00004736226 | R, CARBON FILM | 47K-J, 1/6W-26RE-AX |
| R610 | C00001016226 | R, CARBON FILM | 100-J, 1/6W-26RE-AX |
| R614 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R615 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R616 | C00002716226 | R, CARBON FILM | 270-J, 1/6W-26RE-AX |
| R617 | C00003326226 | R, CARBON FILM | 3.3K-J, 1/6W-26RE-AX |
| R618 | C00001826226 | R, CARBON FILM | 1.8K-J, 1/6W-26RE-AX |
| R619 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R620 | C00006826226 | R, CARBON FILM | 6.8K-J, 1/6W-26RE-AX |
| R626 | C00001026226 | R, CARBON FILM | 1.0K-J, 1/6W-26RE-AX |
| R627 | C00008236226 | R, CARBON FILM | 82K-J, 1/6W-26RE-AX |
| R629 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R631 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R634 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R635 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R636 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R637 | C00004736226 | R, CARBON FILM | 47K-J, 1/6W-26RE-AX |
| R638 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R639 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R640 | C00001526226 | R, CARBON FILM | 1.5K-J, 1/6W-26RE-AX |
| R641 | C00001526226 | R, CARBON FILM | 1.5K-J, 1/6W-26RE-AX |
| R643 | C00006826226 | R, CARBON FILM | 6.8K-J, 1/6W-26RE-AX |
| R644 | C00001546226 | R, CARBON FILM | 150K-J, 1/6W-26RE-AX |
| R645 | C00002206226 | R, CARBON FILM | 22-J, 1/6W-26RE-AX |
| R647 | C00001026226 | R, CARBON FILM | 1.0K-J, 1/6W-26RE-AX |
| R647 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R649 | C00006826226 | R, CARBON FILM | 6.8K-J, 1/6W-26RE-AX |
| R668 | C00001826226 | R, CARBON FILM | 1.8K-J, 1/6W-26RE-AX |
| R697 | C00001026226 | R, CARBON FILM | 1.0K-J, 1/6W-26RE-AX |
| R699 | C00006826226 | R, CARBON FILM | 6.8K-J, 1/6W-26RE-AX |
| SW143 | G18012360001 | SW, TACT | JTP1236A |
| TP120 | L10252670301 | CN.WAFER 2.5MM | 5267-03A 3P |
| TR130 | L10252670301 | CN.WAFER 2.5MM | 5267-03A 3P |
| TP601 | E90000020002 | TUNER, FM | FE417-G02 |
| T601 | D95001820000 | COIL, IF MW | PCFMA-182 |
| VR101 | C54422301511 | VR, SEMI CERMET MOLD | 22KB-6.4H3P, 0.1W-50V/CAP |
| VR120 | C54447301511 | VR, SEMI CERMET MOLD | 47KB-6.4H3P, 0.1W-50V/CAP |
| VR130 | C54415401511 | VR, SEMI CERMET MOLD | 150KB-6.4H3P, 0.1W-50V/CAP |
| VR151 | C54422301511 | VR, SEMI CERMET MOLD | 22KB-6.4H3P, 0.1W-50V/CAP |
| VR170 | C54447301511 | VR, SEMI CERMET MOLD | 47KB-6.4H3P, 0.1W-50V/CAP |
| VR180 | C54415401511 | VR, SEMI CERMET MOLD | 150KB-6.4H3P, 0.1W-50V/CAP |
| X630 | E8007R200001 | CRYSTAL | 7.2MHZ, HC49U/CL; 20PF |
| ZD001 | K06008R24426 | D, ZENER | MTZJ8.2B-0.5W/5MA-26MM |
| ZD303 | K06012R01426 | D, ZENER | MTZJ12B-0.5W/10MA-26MM |
| △ ZD501 | K06030R04426 | D, ZENER | MTZJ30B-0.5W/5MA-26MM |
| ZD502 | K06008R24426 | D, ZENER | MTZJ8.2B-0.5W/5MA-26MM |
| ZD610 | K06006R21426 | D, ZENER | MTZ6.2B-0.5W/20MA-26MM |

ELECTRICAL PARTS LIST

■ CDP PCB ASSY

| Ref. No | Part No. | Description |
|---------|--------------|--------------------------------------------|
| CN805 | L00001772001 | CN, WIRE 8P-140MM (WH/BL) |
| CN806 | L00001771001 | CN, WIRE 8P-140MM (WH/BD) |
| CN807 | L00001767001 | CN, WIRE 6P-80MM (WH/BK) |
| C801 | D00510227726 | C, CERAMIC HIK AXIAL B0.001UF-K/50V-26RE |
| C802 | D04047008305 | C, ELECT GE 85C 47UF-M/16V, 5 * 11-5RE |
| C803 | D04047008305 | C, ELECT GE 85C 47UF-M/16V, 5 * 11-5RE |
| C804 | D04047008305 | C, ELECT GE 85C 47UF-M/16V, 5 * 11-5RE |
| C805 | D04047008305 | C, ELECT GE 85C 47UF-M/16V, 5 * 11-5RE |
| C806 | D02047216705 | C, FILM MYLAR MI-0.0047UF-J/50V-5RE |
| C807 | D02010316705 | C, FILM MYLAR MI-0.01UF-J/50V-5RE |
| C808 | D02010316705 | C, FILM MYLAR MI-0.01UF-J/50V-5RE |
| C809 | D02010416705 | C, FILM MYLAR MI-0.1UF-J/50V-5RE |
| C810 | D02010416705 | C, FILM MYLAR MI-0.1UF-J/50V-5RE |
| C811 | D02010416705 | C, FILM MYLAR MI-0.1UF-J/50V-5RE |
| C812 | D0404R708705 | C, ELECT GE 85C 47UF-M/50V, 5 * 11-5RE |
| C813 | D04033008305 | C, ELECT GE 85C 33UF-M/16V, 5 * 11-5RE |
| C814 | D02033316705 | C, FILM MYLAR MI-0.033UF-J/50V-5RE |
| C815 | D040R4708705 | C, ELECT GE 85C 0.47UF-M/50V, 5 * 11-5RE |
| C816 | D00710388326 | C, CERAMIC SEMI AXIAL 0.01UF-M/16V-26RE |
| C817 | D040R4708705 | C, ELECT GE 85C 0.47UF-M/50V, 5 * 11-5RE |
| C818 | D04010008705 | C, ELECT GE 85C 10UF-M/50V, 5 * 11-5RE |
| C819 | D00147006726 | C, CERAMIC T.C AXIAL SL47PF-J/50V-26RE |
| C820 | D040R3308705 | C, ELECT GE 85C 0.33UF-M/50V, 5 * 11-5RE |
| C821 | D02047216705 | C, FILM MYLAR MI-0.0047UF-J/50V-5RE |
| C822 | D00768278326 | C, CERAMIC SEMI AXIAL X0.0068UF-M/16V-26RE |
| C823 | D00722278326 | C, CERAMIC SEMI AXIAL X0.0022UF-M/16V-26RE |
| C824 | D00710388326 | C, CERAMIC SEMI AXIAL Y0.01UF-M/16V-26RE |
| C825 | D00510459326 | C, CERAMIC HIK AXIAL F0.1UF-Z/16V-26RE |
| C826 | D00556127726 | C, CERAMIC HIK AXIAL B560PF-K/50V-26RE |
| C827 | D00510459326 | C, CERAMIC HIK AXIAL F0.1UF-Z/16V-26RE |
| C828 | D00747278326 | C, CERAMIC SEMI AXIAL X0.0047UF-M/16V-26RE |
| C829 | D0014R717726 | C, CERAMIC T.C AXIAL CH4.7PF-K/50V-26RE |
| C830 | D0018R217726 | C, CERAMIC T.C AXIAL CH8.2PF-K/50V-26RE |
| C831 | D0014R717726 | C, CERAMIC T.C AXIAL CH4.7PF-K/50V-26RE |
| C832 | D02033316705 | C, FILM MYLAR MI-0.033UF-J/50V-5RE |
| C833 | D04047008305 | C, ELECT GE 85C 47UF-M/16V, 5 * 11-5RE |
| C834 | D040R4708705 | C, ELECT GE 85C 0.47UF-M/50V, 5 * 11-5RE |
| C841 | D02047316705 | C, FILM MYLAR MI-0.047UF-J/50V-5RE |
| C842 | D02015216705 | C, FILM MYLAR MI-0.0015UF-J/50V-5RE |
| C843 | D00133006726 | C, CERAMIC T.C AXIAL SL33PF-J/50V-26RE |
| C844 | D00133006726 | C, CERAMIC T.C AXIAL SL33PF-J/50V-26RE |
| C845 | D04022108205 | C, ELECT GE 85C 220UF-M/10V, 6.3 * 11-5RE |
| C847 | D00522359426 | C, CERAMIC HIK AXIAL F0.022UF-Z/25V-26RE |
| C851 | D0014R717726 | C, CERAMIC T.C AXIAL CH4.7PF-K/50V-26RE |
| C852 | D04001008705 | C, ELECT GE 85C 1UF-M/50V, 5 * 11-5RE |
| C854 | D00712278326 | C, CERAMIC SEMI AXIAL X0.0012UF-M/16V-26RE |
| C855 | D00533127726 | C, CERAMIC HIK AXIAL B330PUF-K/50V-26RE |

ELECTRICAL PARTS LIST

CDP PCB ASSY

| Ref. No | Part No. | Description | |
|---------|--------------|-----------------------|------------------------------|
| C856 | D00715278326 | C, CERAMIC SEMI AXIAL | X0.0015UF-M/16V-26RE |
| C857 | D0404R708705 | C, ELECT GE 85C | 4.7UF-M/50V, 5 * 11-5RE |
| C858 | D04022108205 | C, ELECT GE 85C | 220UF-M/10V, 6.3 * 11-5RE |
| C861 | D0014R717726 | C, CERAMIC T.C AXIAL | CH4.7PF-K/50V-26RE |
| C862 | D04001008705 | C, ELECT GE 85C | 1UF-M/50V, 5 * 11-5RE |
| C864 | D00712278326 | C, CERAMIC SEMI AXIAL | X0.0012UF-M/16V-26RE |
| C865 | D00533127726 | C, CERAMIC HIK AXIAL | B3300PF-K/50V-26RE |
| C866 | D00715278326 | C, CERAMIC SEMI AXIAL | X0.0015UF-M/16V-26RE |
| C867 | D0404R708705 | C, ELECT GE 85C | 4.7UF-M/50V, 5 * 11-5RE |
| C868 | D04047008305 | C, ELECT GE 85C | 47UF-M/16V, 5 * 11-5RE |
| C871 | D04047008305 | C, ELECT GE 85C | 47UF-M/16V, 5 * 11-5RE |
| C872 | D04033108205 | C, ELECT GE 85C | 330UF-M/10V, 8 * 11.5-5RE |
| C873 | D04010108305 | C, ELECT GE 85C | 100UF-M/16V, 6.3 * 11-5RE |
| C874 | D04010108305 | C, ELECT GE 85C | 100UF-M/16V, 6.3 * 11-5RE |
| C875 | D04022108205 | C, ELECT GE 85C | 220UF-M/10V, 6.3 * 11-5RE |
| C876 | D04022108205 | C, ELECT GE 85C | 220UF-M/10V, 6.3 * 11-5RE |
| C880 | D00522359426 | C, CERAMIC HIK AXIAL | F0.022UF-Z/25V-26RE |
| C888 | D00610459705 | C, CERAMIC SEMI DISC | F0.1UF-Z/25V-26RE |
| C899 | D04033208201 | C, ELECT GE 85C | 3300UF-M/10V, 12.5 * 20 L BK |
| D801 | K04040020026 | D, RECTIFIER IN | IN4002A-26MM |
| D809 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D810 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D841 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D871 | K04040020026 | D, RECTIFIER IN | IN4002A-26MM |
| D881 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D882 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D883 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D885 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D891 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| IC801 | J03292200001 | IC, OPTICAL-RF SERVO | KA9220/QFP80P |
| IC802 | J03192800001 | IC, OPTICAL-DSP | KS9282 (D/A CONVER) QFP80P |
| IC803 | J12792580001 | IC, LINEAR-DRIVER | KA9258D/HSOP30P |
| IC804 | J08092700001 | IC, ANALOG | KA9270/DIP20P |
| J848 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |
| J849 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |
| J850 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |
| J851 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |
| J856 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |
| J856 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |
| J857 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |
| J858 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |
| J859 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |
| J861 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |
| J862 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |
| Q801 | J5001266Y005 | SEMI, TR/GE PNP 2SA | KTA1266Y, 0.6W/T092-REEL |
| Q871 | J5023205Y002 | SEMI, TR/GE NPN 2SC | KTC3205Y, 1W/T092L-REEL |
| Q872 | J5001273Y005 | SEMI, TR/GE PNP 2SA | KTA1273Y, 1W/T092L-REEL |

ELECTRICAL PARTS LIST

| ■ CDP PCB ASSY | | | |
|----------------|--------------|---------------------|--------------------------|
| Ref. No | Part No. | Description | |
| Q873 | J5023198Y000 | SEMI, TR/GE NPN 2SC | KTC3198Y, 0.6W/T092-REEL |
| R801 | C00008206226 | R, CARBON FILM | 82-J, 1/6W-26RE-AX |
| R802 | C00002206226 | R, CARBON FILM | 22-J, 1/6W-26RE-AX |
| R804 | C00001026226 | R, CARBON FILM | 1.0K-J, 1/6W-26RE-AX |
| R805 | C00004746226 | R, CARBON FILM | 470K-J, 1/6W-26RE-AX |
| R806 | C00001846226 | R, CARBON FILM | 180K-J, 1/6W-26RE-AX |
| R807 | C00001056226 | R, CARBON FILM | 1.0M-J, 1/6W-26RE-AX |
| R808 | C00008226226 | R, CARBON FILM | 8.2K-J, 1/6W-26RE-AX |
| R809 | C00001046226 | R, CARBON FILM | 100K-J, 1/6W-26RE-AX |
| R810 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R811 | C00001026226 | R, CARBON FILM | 1.0K-J, 1/6W-26RE-AX |
| R812 | C00004736226 | R, CARBON FILM | 47K-J, 1/6W-26RE-AX |
| R813 | C00008236226 | R, CARBON FILM | 82K-J, 1/6W-26RE-AX |
| R814 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R815 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R816 | C00004736226 | R, CARBON FILM | 47K-J, 1/6W-26RE-AX |
| R817 | C00001046226 | R, CARBON FILM | 100K-J, 1/6W-26RE-AX |
| R818 | C00001846226 | R, CARBON FILM | 180K-J, 1/6W-26RE-AX |
| R819 | C00004736226 | R, CARBON FILM | 47K-J, 1/6W-26RE-AX |
| R820 | C00001246226 | R, CARBON FILM | 120K-J, 1/6W-26RE-AX |
| R821 | C00001546226 | R, CARBON FILM | 150K-J, 1/6W-26RE-AX |
| R822 | C00001026226 | R, CARBON FILM | 1.0K-J, 1/6W-26RE-AX |
| R823 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R824 | C00004726226 | R, CARBON FILM | 4.7K-J, 1/6W-26RE-AX |
| R825 | C00002236226 | R, CARBON FILM | 22K-J, 1/6W-26RE-AX |
| R827 | C00001836226 | R, CARBON FILM | 18K-J, 1/6W-26RE-AX |
| R828 | C00001026226 | R, CARBON FILM | 1.0K-J, 1/6W-26RE-AX |
| R829 | C00005626226 | R, CARBON FILM | 5.6K-J, 1/6W-26RE-AX |
| R830 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R831 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R832 | C00001236226 | R, CARBON FILM | 12K-J, 1/6W-26RE-AX |
| R833 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R834 | C00001236226 | R, CARBON FILM | 12K-J, 1/6W-26RE-AX |
| R840 | C00002736226 | R, CARBON FILM | 27K-J, 1/6W-26RE-AX |
| R841 | C00003326226 | R, CARBON FILM | 3.3K-J, 1/6W-26RE-AX |
| R842 | C00003326226 | R, CARBON FILM | 3.3K-J, 1/6W-26RE-AX |
| R843 | C00001516226 | R, CARBON FILM | 150-J, 1/6W-26RE-AX |
| R844 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R851 | C00002736226 | R, CARBON FILM | 27K-J, 1/6W-26RE-AX |
| R852 | C00002736226 | R, CARBON FILM | 27K-J, 1/6W-26RE-AX |
| R853 | C00001056226 | R, CARBON FILM | 1.0M-J, 1/6W-26RE-AX |
| R854 | C00001236226 | R, CARBON FILM | 12K-J, 1/6W-26RE-AX |
| R855 | C00005626226 | R, CARBON FILM | 5.6K-J, 1/6W-26RE-AX |
| R856 | C00005626226 | R, CARBON FILM | 5.6K-J, 1/6W-26RE-AX |
| R857 | C00005626226 | R, CARBON FILM | 5.6K-J, 1/6W-26RE-AX |
| R858 | C00008226226 | R, CARBON FILM | 8.2K-J, 1/6W-26RE-AX |
| R859 | C00004716226 | R, CARBON FILM | 470-J, 1/6W-26RE-AX |

ELECTRICAL PARTS LIST

| ■ CDP PCB ASSY | | | |
|----------------|--------------|----------------------|---------------------------|
| Ref. No | Part No. | Description | |
| R861 | C00002736226 | R, CARBON FILM | 27K-J, 1/6W-26RE-AX |
| R862 | C00002736226 | R, CARBON FILM | 27K-J, 1/6W-26RE-AX |
| R863 | C00001056226 | R, CARBON FILM | 1.0M-J, 1/6W-26RE-AX |
| R864 | C00001236226 | R, CARBON FILM | 12K-J, 1/6W-26RE-AX |
| R865 | C00005626226 | R, CARBON FILM | 5.6K-J, 1/6W-26RE-AX |
| R866 | C00005626226 | R, CARBON FILM | 5.6K-J, 1/6W-26RE-AX |
| R867 | C00005626226 | R, CARBON FILM | 5.6K-J, 1/6W-26RE-AX |
| R868 | C00008226226 | R, CARBON FILM | 8.2K-J, 1/6W-26RE-AX |
| R869 | C00004716226 | R, CARBON FILM | 470-J, 1/6W-26RE-AX |
| R871 | C00005616226 | R, CARBON FILM | 560-J, 1/6W-26RE-AX |
| R872 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R873 | C00008226226 | R, CARBON FILM | 8.2K-J, 1/6W-26RE-AX |
| R874 | C00001236226 | R, CARBON FILM | 12K-J, 1/6W-26RE-AX |
| R875 | C00008226226 | R, CARBON FILM | 8.2K-J, 1/6W-26RE-AX |
| R876 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R877 | C00004706226 | R, CARBON FILM | 47-J, 1/6W-26RE-AX |
| R878 | C00001026226 | R, CARBON FILM | 1.0K-J, 1/6W-26RE-AX |
| R879 | C00004716226 | R, CARBON FILM | 470-J, 1/6W-26RE-AX |
| R880 | C00001536226 | R, CARBON FILM | 15K-J, 1/6W-26RE-AX |
| R881 | C00001026226 | R, CARBON FILM | 1.0K-J, 1/6W-26RE-AX |
| R882 | C00001026226 | R, CARBON FILM | 1.0K-J, 1/6W-26RE-AX |
| R883 | C00001026226 | R, CARBON FILM | 1.0K-J, 1/6W-26RE-AX |
| R884 | C00001026226 | R, CARBON FILM | 1.0K-J, 1/6W-26RE-AX |
| R885 | C00004736226 | R, CARBON FILM | 47K-J, 1/6W-26RE-AX |
| R886 | C00001026226 | R, CARBON FILM | 1.0K-J, 1/6W-26RE-AX |
| R887 | C00001026226 | R, CARBON FILM | 1.0K-J, 1/6W-26RE-AX |
| R888 | C00001026226 | R, CARBON FILM | 1.0K-J, 1/6W-26RE-AX |
| R889 | C00001026226 | R, CARBON FILM | 1.0K-J, 1/6W-26RE-AX |
| R890 | C00001026226 | R, CARBON FILM | 1.0K-J, 1/6W-26RE-AX |
| R891 | C00001026226 | R, CARBON FILM | 1.0K-J, 1/6W-26RE-AX |
| R892 | C00001026226 | R, CARBON FILM | 1.0K-J, 1/6W-26RE-AX |
| R900 | C00001236226 | R, CARBON FILM | 12K-J, 1/6W-26RE-AX |
| R901 | C00001236226 | R, CARBON FILM | 12K-J, 1/6W-26RE-AX |
| R902 | C00002246226 | R, CARBON FILM | 220K-J, 1/6W-26RE-AX |
| R903 | C00002246226 | R, CARBON FILM | 220K-J, 1/6W-26RE-AX |
| R904 | C00003936226 | R, CARBON FILM | 39K-J, 1/6W-26RE-AX |
| R905 | C00003936226 | R, CARBON FILM | 39K-J, 1/6W-26RE-AX |
| SR801 | C54422331210 | VR, SEMI CERMET MOLD | 22KB-6.4V3P, 0.1W-50V/CAP |
| SR802 | C54422331210 | VR, SEMI CERMET MOLD | 22KB-6.4V3P, 0.1W-50V/CAP |
| SW801 | G06010103301 | SW, SLIDE | SSCT101SL033S |
| TP801 | L10153015051 | CN. WAFER 2.0MM | 53015-0510 5P ANGLE |
| X841 | E80016R93401 | CRYSTAL | 16.9344MHZ, HC49/CL; 30PF |
| ZD852 | K06007R51426 | D, ZENER | MTZ7.5B-0.5W/20MA-26MM |
| ZD871 | K06007R51426 | D, ZENER | MTZ7.5B-0.5W/20MA-26MM |

ELECTRICAL PARTS LIST

FRONT PCB ASSY

| Ref. No | Part No. | Description | |
|---------|--------------|-----------------------|--------------------------|
| CN401 | L11051016151 | CABLE, HOLDER 1.5MM | 51016-1500 15P |
| CN402 | L11151048131 | CABLE, HOLDER 2.0MM | 51048-1300 13P |
| CN403 | L11051016131 | CABLE, HOLDER 1.5MM | 51016-1300 13P |
| CN404 | L11051016151 | CABLE, HOLDER 1.5MM | 51016-1500 15P |
| C400 | D0404R708705 | C, ELECT GE 85C | 4.7UF-M/50V, 5*11-5RE |
| C405 | D00547359726 | C, CERAMIC HIK AXIAL | F0.047UF-Z/50V-26RE |
| C406 | D00547359726 | C, CERAMIC HIK AXIAL | F0.047UF-Z/50V-26RE |
| C407 | D00547359726 | C, CERAMIC HIK AXIAL | F0.047UF-Z/50V-26RE |
| C408 | D00547359726 | C, CERAMIC HIK AXIAL | F0.047UF-Z/50V-26RE |
| C409 | D04047108205 | C, ELECT GE 85C | 470UF-M/10V, 8*11.5-5RE |
| C410 | D00522359426 | C, CERAMIC HIK AXIAL | F0.022UF-Z/25V-26RE |
| C411 | D04001008707 | C, ELECT GE 85C | 1UF-M/50V, 3*5-5RE |
| C412 | D00120006726 | C, CERAMIC T.C AXIAL | SL20PF-J/50V-26RE |
| C413 | D00120006726 | C, CERAMIC T.C AXIAL | SL20PF-J/50V-26RE |
| C414 | D00156006726 | C, CERAMIC T.C AXIAL | SL56PF-J/50V-26RE |
| C415 | D00147006726 | C, CERAMIC T.C AXIAL | SL47PF-J/50V-26RE |
| C416 | D00147006726 | C, CERAMIC T.C AXIAL | SL47PF-J/50V-26RE |
| C417 | D04010108206 | C, ELECT GE 85C | 100UF-M/10V, 5*11-5RE |
| C418 | D09010420000 | C, DOUBLE LAYER (70) | H0.1F-150UA/5.5V-13*8.5 |
| C419 | D00522359426 | C, CERAMIC HIK AXIAL | F0.022UF-Z/25V-26RE |
| C420 | D04010108206 | C, ELECT GE 85C | 100UF-M/10V, 5*11-5RE |
| C421 | D04010108206 | C, ELECT GE 85C | 100UF-M/10V, 5*11-5RE |
| C422 | D04010008705 | C, ELECT GE 85C | 10UF-M/50V, 5*11-5RE |
| C423 | D00522359426 | C, CERAMIC HIK AXIAL | F0.022UF-Z/25V-26RE |
| C424 | D04001008705 | C, ELECT GE 85C | 1UF-M/50V, 5*11-5RE |
| C425 | D04001008705 | C, ELECT GE 85C | 1UF-M/50V, 5*11-5RE |
| C430 | D04047008205 | C, ELECT GE 85C | 47UF-M/10V, 5*11-5RE |
| C460 | D04010108206 | C, ELECT GE 85C | 100UF-M/10V, 5*11-5RE |
| C461 | D04001008707 | C, ELECT GE 85C | 1UF-M/50V, 3*5-5RE |
| D401 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D402 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D403 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D404 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D405 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D406 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D407 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| D408 | K00001310026 | D, SWITCHING | ISS131T-77-26MM |
| IC401 | J02086622401 | IC, CPU MICRO PROCESS | LC866224A-5872/QFP80P |
| IC402 | J12738300001 | IC, LINEAR-DRIVER | BA3830F |
| IC403 | J12570390000 | IC, LINEAR-RESET | KIA7039P, 3.9V/T092-REEL |
| IC404 | E94000013010 | MODULE, REMOCON | SBX8025 L TYPE |
| J410 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |
| J411 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |
| J413 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |
| J414 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |
| J425 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |
| J427 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |

ELECTRICAL PARTS LIST

FRONT PCB ASSY

| Ref. No | Part No. | Description |
|---------|--------------|----------------------------------------------|
| J428 | L40200001002 | WIRE, SO COPPER ROLL SN P10.6 (2000M/ROL) |
| J429 | L40200001002 | WIRE, SO COPPER ROLL SN P10.6 (2000M/ROL) |
| J430 | L40200001002 | WIRE, SO COPPER ROLL SN P10.6 (2000M/ROL) |
| J431 | L40200001002 | WIRE, SO COPPER ROLL SN P10.6 (2000M/ROL) |
| J432 | L40200001002 | WIRE, SO COPPER ROLL SN P10.6(2000M/ROL) |
| J433 | L40200001002 | WIRE, SO COPPER ROLL SN P10.6(2000M/ROL) |
| J434 | L40200001002 | WIRE, SO COPPER ROLL SN P10.6(2000M/ROL) |
| J435 | L40200001002 | WIRE, SO COPPER ROLL SN P10.6(2000M/ROL) |
| J436 | L40200001002 | WIRE, SO COPPER ROLL SN P10.6(2000M/ROL) |
| J437 | L40200001002 | WIRE, SO COPPER ROLL SN P10.6(2000M/ROL) |
| J438 | L40200001002 | WIRE, SO COPPER ROLL SN P10.6(2000M/ROL) |
| PN401 | L32225115261 | WIRE, FLAT 2877 1.5MM BK 250MM 15P # 26 6/6 |
| PN402 | L32112113261 | WIRE, FLAT 2877 2.0MM BK 120MM 13P # 26 5/5 |
| PN403 | L32220113261 | WIRE, FLAT 2877 1.5MM BK 200MM 13P # 26 6/6 |
| PN404 | L32225115261 | WIRE, FLAT 2877 1.5MM BK 250MM 15P # 26 6/6 |
| Q401 | J5001273Y005 | SEMI, TR/GE PNP 2SA KTA1273Y, 1W/T092L-REEL |
| Q402 | J5001273Y005 | SEMI, TR/GE PNP 2SA KTA1273Y, 1W/T092L-REEL |
| Q403 | J6020114Y001 | SEMI, BRT/NPN RC DTC114YS, 0.3W/T092M-REEL |
| Q404 | J6020114Y001 | SEMI, BRT/NPN RC DTC114YS, 0.3W/T092M-REEL |
| Q405 | J6020143T001 | SEMI, BRT/NPN RC DTC143TS, 0.3W/T092M-REEL |
| Q406 | J5023192Y000 | SEMI, TR/GE NPN 2SC KTC3192Y, 0.6W/T092-REEL |
| Q407 | J6000144W001 | SEMI, BRT/PNP RA DTA144WS, 0.3W/T092M-REEL |
| R400 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R401 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R402 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R403 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R404 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R405 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R406 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R407 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R408 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R409 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R410 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R411 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R412 | C00001016226 | R, CARBON FILM 100-J, 1/6W-26RE-AX |
| R413 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R414 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R415 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R416 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R417 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R418 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R419 | C00004736226 | R, CARBON FILM 47K-J, 1/6W-26RE-AX |
| R420 | C00001026226 | R, CARBON FILM 1.0K-J, 1/6W-26RE-AX |
| R421 | C00001816226 | R, CARBON FILM 180-J, 1/6W-26RE-AX |
| R422 | C00001036226 | R, CARBON FILM 10K-J, 1/6W-26RE-AX |
| R422 | C00006816226 | R, CARBON FILM 680-J, 1/6W-26RE-AX |
| R423 | C00001036226 | R, CARBON FILM 10K-J, 1/6W-26RE-AX |

ELECTRICAL PARTS LIST

| ■ FRONT PCB ASSY | | | |
|------------------|--------------|----------------------|---------------------------|
| Ref. No | Part No. | Description | |
| R424 | C00004726226 | R, CARBON FILM | 4.7K-J, 1/6W-26RE-AX |
| R425 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R426 | C00002226226 | R, CARBON FILM | 2.2K-J, 1/6W-26RE-AX |
| R437 | C00001026226 | R, CARBON FILM | 1.0K-J, 1/6W-26RE-AX |
| R438 | C00001026226 | R, CARBON FILM | 1.0K-J, 1/6W-26RE-AX |
| R439 | C00001026226 | R, CARBON FILM | 1.0K-J, 1/6W-26RE-AX |
| R440 | C00001026226 | R, CARBON FILM | 1.0K-J, 1/6W-26RE-AX |
| R441 | C00004736226 | R, CARBON FILM | 4.7K-J, 1/6W-26RE-AX |
| R443 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R444 | C00001026226 | R, CARBON FILM | 1.0K-J, 1/6W-26RE-AX |
| R446 | C00004736226 | R, CARBON FILM | 47K-J, 1/6W-26RE-AX |
| R447 | C00002746226 | R, CARBON FILM | 270K-J, 1/6W-26RE-AX |
| R448 | C00001546226 | R, CARBON FILM | 150K-J, 1/6W-26RE-AX |
| R449 | C00004736226 | R, CARBON FILM | 47K-J, 1/6W-26RE-AX |
| R450 | C00001016226 | R, CARBON FILM | 100-J, 1/6W-26RE-AX |
| R451 | C00001046226 | R, CARBON FILM | 100K-J, 1/6W-26RE-AX |
| R452 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R453 | C00002226226 | R, CARBON FILM | 2.2K-J, 1/6W-26RE-AX |
| R454 | C00003326226 | R, CARBON FILM | 3.3K-J, 1/6W-26RE-AX |
| R455 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R456 | C00003326226 | R, CARBON FILM | 3.3K-J, 1/6W-26RE-AX |
| R457 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R458 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R459 | C00001036226 | R, CARBON FILM | 10K-J, 1/6W-26RE-AX |
| R460 | C00004736226 | R, CARBON FILM | 47K-J, 1/6W-26RE-AX |
| R461 | C00006816226 | R, CARBON FILM | 680-J, 1/6W-26RE-AX |
| R462 | C00008216226 | R, CARBON FILM | 820-J, 1/6W-26RE-AX |
| R463 | C00001226226 | R, CARBON FILM | 1.2K-J, 1/6W-26RE-AX |
| R464 | C00001526226 | R, CARBON FILM | 1.5K-J, 1/6W-26RE-AX |
| R465 | C00002226226 | R, CARBON FILM | 2.2K-J, 1/6W-26RE-AX |
| R466 | C00003326226 | R, CARBON FILM | 3.3K-J, 1/6W-26RE-AX |
| R467 | C00004726226 | R, CARBON FILM | 4.7K-J, 1/6W-26RE-AX |
| R468 | C00008226226 | R, CARBON FILM | 8.2K-J, 1/6W-26RE-AX |
| R469 | C00001536226 | R, CARBON FILM | 15K-J, 1/6W-26RE-AX |
| R470 | C00002736226 | R, CARBON FILM | 27K-J, 1/6W-26RE-AX |
| R473 | C00006816226 | R, CARBON FILM | 680-J, 1/6W-26RE-AX |
| R474 | C00008216226 | R, CARBON FILM | 820-J, 1/6W-26RE-AX |
| R475 | C00001226226 | R, CARBON FILM | 1.2K-J, 1/6W-26RE-AX |
| R476 | C00001526226 | R, CARBON FILM | 1.5K-J, 1/6W-26RE-AX |
| R485 | C00006816226 | R, CARBON FILM | 680-J, 1/6W-26RE-AX |
| R487 | C00004736226 | R, CARBON FILM | 47K-J, 1/6W-26RE-AX |
| R488 | C00004736226 | R, CARBON FILM | 47K-J, 1/6W-26RE-AX |
| R490 | C00004736226 | R, CARBON FILM | 47K-J, 1/6W-26RE-AX |
| SR401 | C54447101510 | VR, SEMI CERMET MOLD | 470B-6H3P, 0.05W-100V |
| SW400 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |
| SW401 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |
| SW402 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |

ELECTRICAL PARTS LIST

| ■ FRONT PCB ASSY | | | |
|------------------|--------------|--------------------|---------------------------|
| Ref. No | Part No. | Description | |
| SW403 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |
| SW404 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |
| SW405 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |
| SW406 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |
| SW407 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |
| SW408 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |
| SW409 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |
| SW410 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |
| SW430 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |
| SW431 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |
| SW432 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |
| SW433 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |
| SW434 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |
| X401 | E80032R76805 | CRYSTAL | 32.768KHZ/CFS308 |
| X402 | E8306R000001 | RESONATOR, CERAMIC | CSA6.00MGU |
| ZD402 | K06005R11426 | D, ZENER | MTZ5.1B-0.5W/20MA-26MM |

ELECTRICAL PARTS LIST

■ KEY PCB ASSY

| Ref. No | Part No. | Description | |
|---------|--------------|----------------------|---------------------------|
| JK002 | G40103518001 | JACK, D3.5 | HTJ035-18AB (G) |
| J401 | L40200001002 | WIRE, SO COPPER ROLL | SN P10.6 (2000M/ROL) |
| PN101 | L00001766001 | CN, WIRE | 5P-150MM (WH/BL) |
| R485 | C00006816226 | R, CARBON FILM | 680-J, 1/6W-26RE-AX |
| R488 | C00008216226 | R, CARBON FILM | 820-J, 1/6W-26RE-AX |
| R489 | C00001226226 | R, CARBON FILM | 1.2K-J, 1/6W-26RE-AX |
| R490 | C00001526226 | R, CARBON FILM | 1.5K-J, 1/6W-26RE-AX |
| R491 | C00002226226 | R, CARBON FILM | 2.2K-J, 1/6W-26RE-AX |
| R492 | C00003326226 | R, CARBON FILM | 3.3K-J, 1/6W-26RE-AX |
| R493 | C00004726226 | R, CARBON FILM | 4.7K-J, 1/6W-26RE-AX |
| R494 | C00008226226 | R, CARBON FILM | 8.2K-J, 1/6W-26RE-AX |
| R495 | C00001536226 | R, CARBON FILM | 15K-J, 1/6W-26RE-AX |
| R496 | C00002736226 | R, CARBON FILM | 27K-J, 1/6W-26RE-AX |
| SW452 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |
| SW453 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |
| SW454 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |
| SW455 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |
| SW456 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |
| SW457 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |
| SW458 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |
| SW459 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |
| SW460 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |
| SW461 | G18000027001 | SW, TACT | SKHV10920A, 5MM/260G-REEL |

ELECTRICAL PARTS LIST

■ POWER PCB ASSY

| Ref. No | Part No. | Description | |
|---------|--------------|----------------------|---------------------------|
| △ CF502 | D32025500026 | COIL, LINE FILTER | BFS2550AOSD8G-26MM |
| △ CF503 | D32025500026 | COIL, LINE FILTER | BFS2550AOSD8G-26MM |
| C599 | D00610459705 | C, CERAMIC SEMI DISC | F0.1UF-Z/50V-5RE PI6 |
| FN501 | G64500005001 | HOLDER, FUSE CLIP | PI5.2-REEL |
| FN502 | G64500005001 | HOLDER, FUSE CLIP | PI5.2-REEL |
| △ F501 | G65063125103 | FUSE (5.2 * 20) | 250V-T0.63A-SEMKO/VDE/BEA |
| J184 | L40200001002 | WIRE, SO COPPER ROLL | SN PI0.6 (2000M/ROL) |
| J186 | L40200001002 | WIRE, SO COPPER ROLL | SN PI0.6 (2000M/ROL) |
| J187 | L40200001002 | WIRE, SO COPPER ROLL | SN PI0.6 (2000M/ROL) |
| PN501 | L10835310200 | CN. WAFER 7.92MM | 35328-0210 2P |
| PN502 | L10153015081 | CN. WAFER 2.0MM | 53015-0810 8P ANGLE |
| W599 | 841080024001 | RING, TER WIRE | BK 80MM 1007 #24 PI3.2 |
| T501 | 820066000001 | POWER TRANS | QX10(E) |
| RC-S10 | 830802000003 | REMOCON ASSY | QX10(E)/AKAI-40KEY |

ATTENTION

1. When placing an order for parts, be sure to list Part NO., Model No., and the description of each part. Otherwise, the non-delivery of the part or the delivery of a wrong part may result.
2. Please make sure that Part No. is correct when ordering.
If not, a part different from the one you ordered may be delivered.

WARNING

▲ (*) INDICATED SAFETY CRITICAL COMPONENTS. FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURE'S RECOMMENDED PARTS.

AVERTISSEMENT

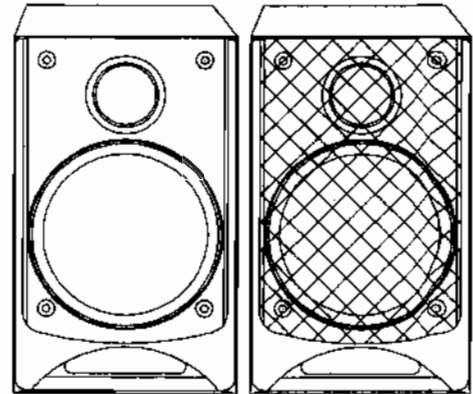
▲ (*) IL INDIQUE LES COMPOSANTS CRITIQUES DE SECURITE. POUR MAINTENIR LE DEGRE DE SECURITE DE L'APPAREIL, NE REMPLACER QUE DES PIECES RECOMMANDEES PAR LE FABRICANT.

SPEAKER SYSTEM

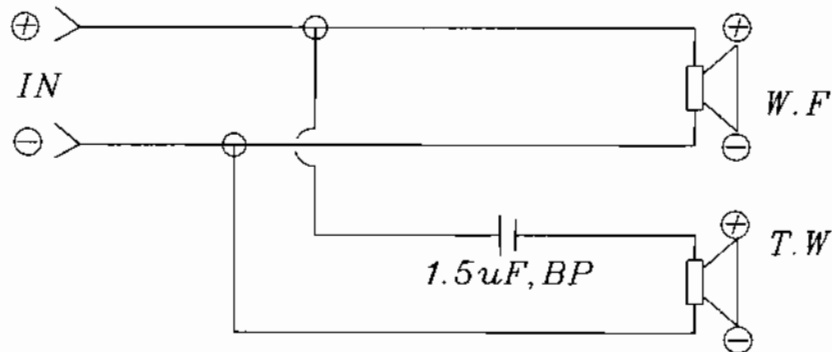
1. MODEL: SR-10

SPECIFICATION

ENCLOSURE TYPE : REFLEX 2WAY 2SPEAKER
DRIVER UNIT : WOOFER 130mm. TWEETER 50mm
IMPEDANCE : 60HM
FREQUENCY RANGE : 80~20,000Hz
S.P LEBAL : 85dB / W / M
NOMINAL POWER : 15W (FM NOISE SIGNAL)
MAX POWER : 30W (NOISE MUIC)
DIMENSIONS : 165(W) × 270(H) × 240(D)mm
PACKING DIMENSION: 440(W) × 347(H) × 342(D)mm
WEIGHT : 2.8Kg / PC
WEIGHT PACKING : 6.8Kg / 2PCS / PACKING



CIRCUIT DIAGRAM



SPEAKER SYSTEM

DRAWN / PARTS DRAWN / PARTS

| NO | PARTS NAME | PART NO | Q'TY |
|----|------------------|----------|------|
| 1 | NET ASS'Y | 850-001B | 1 |
| 2 | HOLDER | 320-001 | 4 |
| 3 | SCREW | 310-002 | 4 |
| 4 | FRONT PANEL | 750-001B | 1 |
| 5 | SCREW | 310-001 | 4 |
| 6 | S.P UNIT (W / F) | 600-003B | 1 |
| 7 | S.P UNIT (T / W) | 600-004 | 1 |
| 8 | CORD ASS'Y | 530-002A | 1 |
| 9 | WOOD CABINET | 350-002A | 1 |
| 10 | SCREW | 310-002 | 2 |

