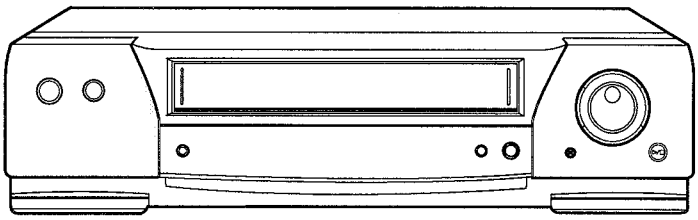
1997

MITSUBISHI

Service Manual

VIDEO CASSETTE RECORDER

VHS
PAL



MODEL

HS-761V(B)
HS-761V(E)
HS-761V(GY)
HS-761V(IR)

Only cassettes marked VHS can be used with this video cassette recorder.

SPECIFICATIONS

Tape Format	:	VHS 1/2" high-density video cassette tape
Power Source	:	AC 230V ; 50Hz
Power Consumption	:	Approx. 25W
Television System	:	625lines, 50fields System CCIR B&G PAL [E, GY] System CCIR I PAL [B, IR]
Video Recording System	:	Azimuth helical scanning system
Luminance	:	Frequency modulation recording
Colour Signal	:	Low frequency conversion subcarrier phase shift recording
Hi-Fi Audio Recording System	:	Azimuth helical scanning system, Frequency modulation, deep layer recording
Linear Audio Track	:	1 track
Tape Speed	:	23.39mm/sec (PAL SP mode) 11.70mm/sec (PAL LP mode)
Record/Playback Time	:	240min. with E-240 cassette (PAL SP mode) 480min. with E-240 cassette (PAL LP mode)
Heads: Video	:	4 rotary heads
Hi-Fi Audio	:	2 rotary heads
Audio/Control	:	1 stationary head
Erase	:	1 full track head
Video Input	:	0.5 to 2.0Vp-p, 75Ω unbalanced EURO AV socket
Audio Input	:	–8dBs, 10kΩ unbalanced EURO AV socket
Video Output	:	1.0Vp-p, 75Ω unbalanced EURO AV socket
Audio Output	:	–8dBs, 1kΩ unbalanced EURO AV socket
TV Tuner VHF	:	47~68MHz,174~230MHz 44.5~68.5MHz,174~222MHz[IR]
UHF	:	470~862MHz
CATV	:	47~103MHz, 104~300MHz, 302~470MHz
Operating Temperature	:	5°C to 40°C
Relative Humidity	:	30% to 80%
RF Channel Output	:	Set to Channel 68 [B] Set to Channel 36 [E, GY] Set to Channel 38 [IR] (Channel 22~69 selectable) [B] (Channel 32~40 selectable) [E, GY, IR]
Weight	:	Approx. 4.3kg
Dimensions	:	380 (W) × 92 (H) × 303 (D)mm
Timer	:	8 programmes for any channels in one month/every day/every week day 24 hour digital synchronized with oscillator frequency.
Channel Selection	:	60 position Up/Down + EXT
Deck	:	U Deck

- Weight and dimensions shown are approximate.
- Design and specifications are subject to change without notice.

MITSUBISHI ELECTRIC

CONTENTS

CONTENTS

DISASSEMBLY

1. Removal of Top Cover

1 Remove the four Top Cover fastening screws (ⓐ, ⓑ, ⓒ and ⓓ) shown in Fig. 1 and remove the Top Cover in the direction shown by the arrow.

2. Removal of Front Panel

1 Remove the Top Cover.
(Refer to Para. 1 of the DISASSEMBLY.)
2 Remove the Jog Dial and the Shuttle Ring.
3 Unfasten the seven catches (ⓔ ~ ⓚ) shown in Fig. 1 and remove the Front Panel in the direction shown by the arrows.
4 Disconnect connector MK shown in Fig. 1.

Note : Before installing the Front Panel, make sure that the lever is on the lower position. Push the cassette door open and install it.

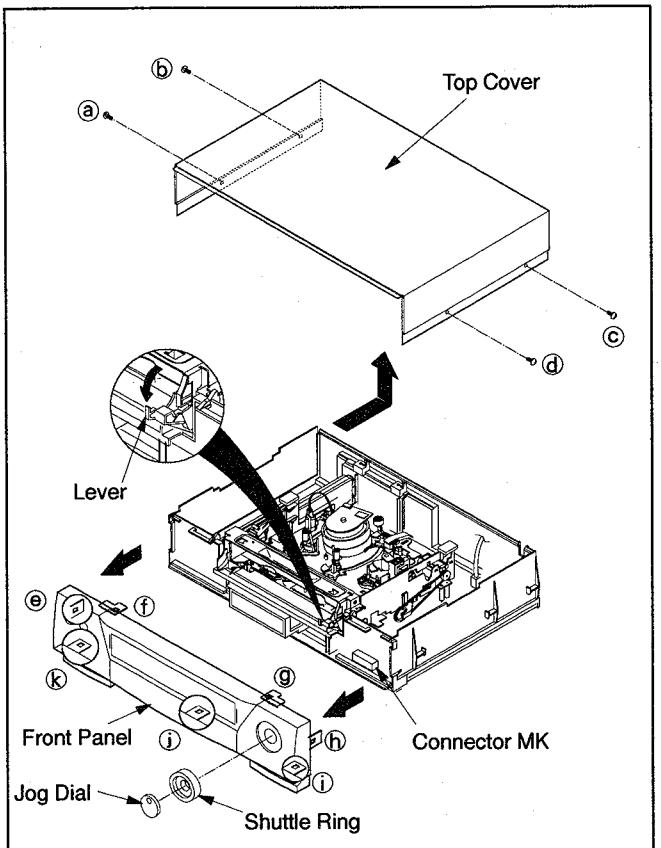


Fig. 1

3. Removal of Bottom Panel

1 Turn the set upside down as shown in Fig. 2.
2 Remove the two fastening screws (ⓐ and ⓑ) shown in Fig. 2.
3 Push the one hook Ⓐ toward inside. Slide the Bottom Panel backward to remove it, with taking care of the four catches Ⓑ.

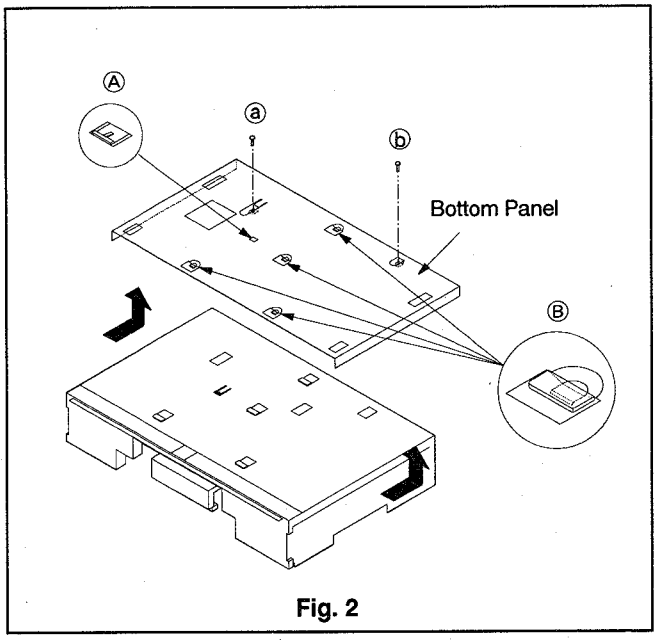


Fig. 2

4. Removal of DECK ASSY

1 Remove the Top Cover.
(Refer to Para. 1 of the DISASSEMBLY.)
2 Remove the Front Panel.
(Refer to Para. 2 of the DISASSEMBLY.)
3 Remove the Bottom Panel.
(Refer to Para. 3 of the DISASSEMBLY.)
4 Remove the three screws (ⓐ, ⓑ and ⓒ) shown in Fig. 3.
5 Remove the three screws (ⓓ, ⓔ and ⓕ) shown in Fig. 4 and raise the Shield Plate upward to remove it.
6 Remove the one screw (ⓖ) shown in Fig. 4 and remove the Ground Lead Wire.

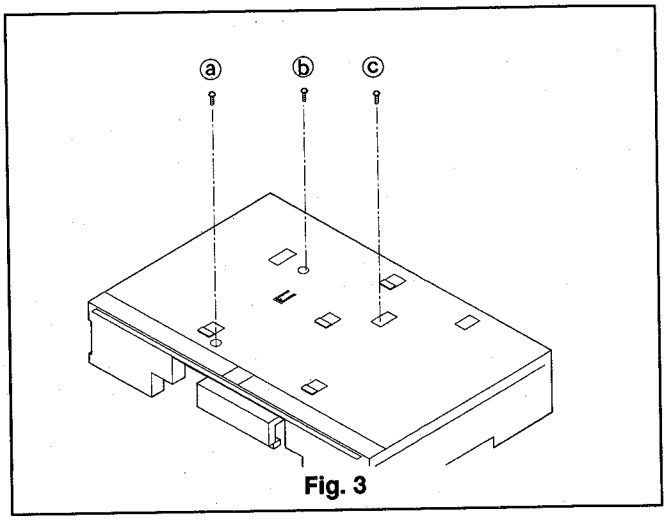


Fig. 3

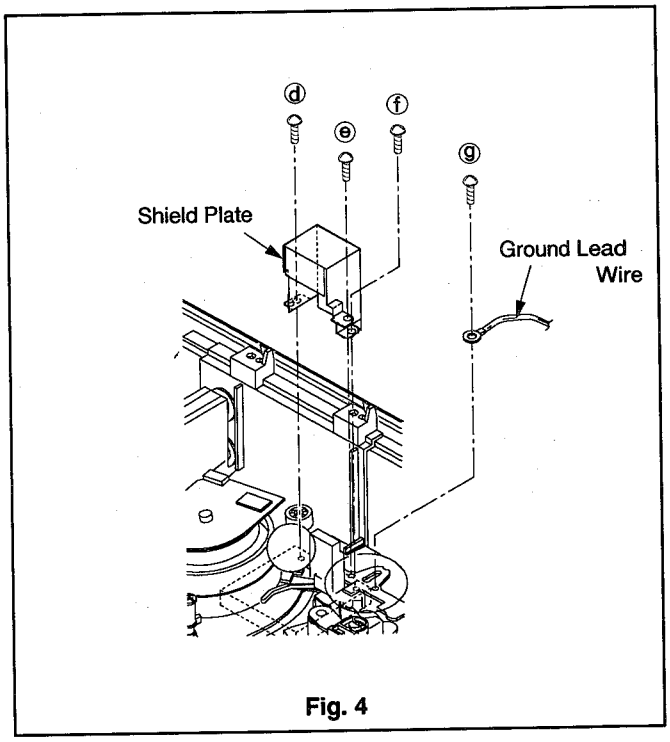


Fig. 4

7 Remove the five screws (ⓗ ~ ⓛ) shown in Fig. 5.
8 Disconnect the connectors MA, MD, MF, MH and ML.
9 Raise the DECK ASSY upward to remove it, paying attention to the connector MC placed below the DECK ASSY.

Note : During installation of DECK ASSY, take care of the connector DD which is apt to be removed by the side force.
Do not pull the spacer to raise the DECK ASSY.

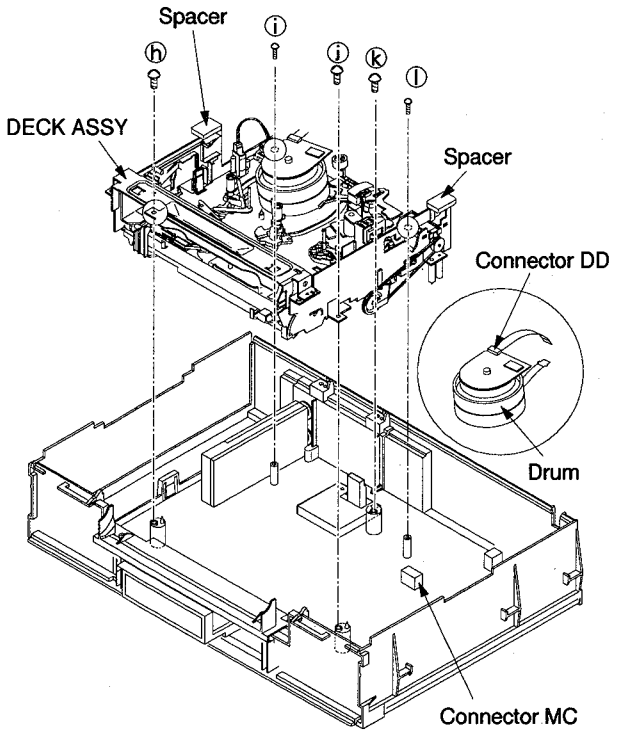


Fig. 5

5. Removal of Insert Guide

1 Remove the DECK ASSY.
(Refer to Para. 4 of the DISASSEMBLY.)
2 Remove the two screws (ⓐ and ⓑ) shown in Fig. 6.
Raise the Insert Guide upward to remove it.

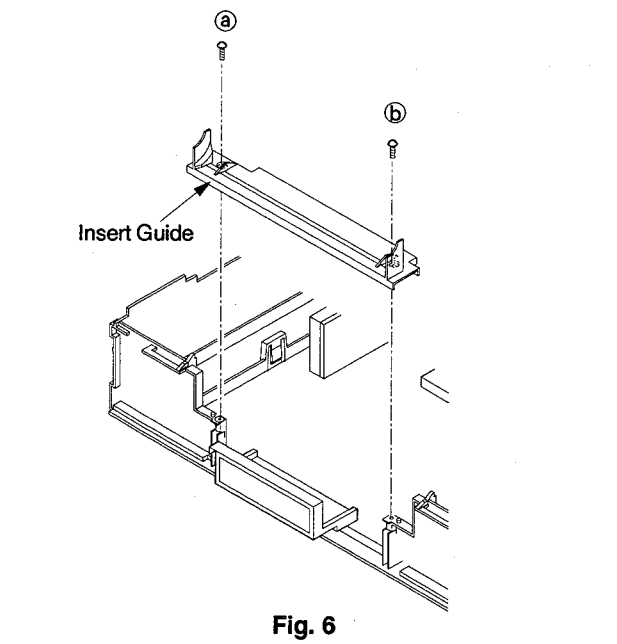


Fig. 6

HOW TO EXECUTE CIRCUIT BOARD SERVICE

CAUTION: BEFORE ATTEMPTING TO REMOVE OR REPAIR ANY PCB, UNPLUG THE POWER CORD FROM THE A.C. SOURCE.

LOCATION OF PRINT CIRCUIT BOARDS

Note: Take caution when removing flat cables to prevent any contact problem.
Connect and disconnect the flat cables at right angles to the connector and make sure that it is completely secured.
After servicing the PCB, restore the flat cable and leads to their former state.

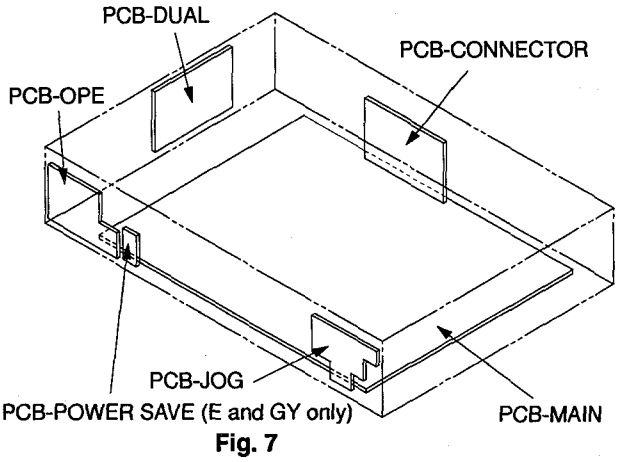


Fig. 7

1. PCB-OPE

1 Remove the Top Cover.
(Refer to Para. 1 of the DISASSEMBLY.)
2 Remove the Front Panel.
(Refer to Para. 2 of the DISASSEMBLY.)
3 Disconnect the catch (ⓐ) as shown in Fig. 8. Push the PCB-OPE down in the direction shown by the arrow Ⓐ. Pull the PCB-OPE in the direction shown by the arrow Ⓑ to remove it.

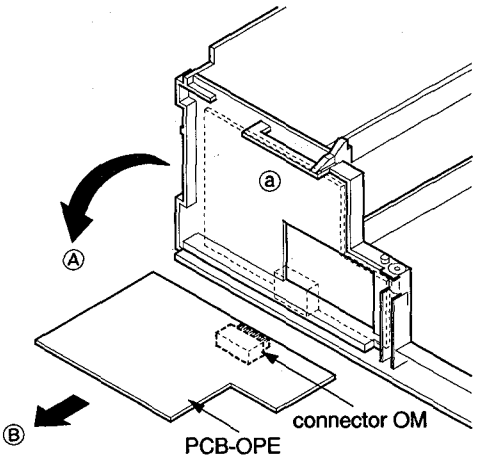


Fig. 8

2. PCB-POWER SAVE (E and GY only)

1 Remove the Top Cover.
(Refer to Para. 1 of the DISASSEMBLY.)
2 Remove the Front Panel.
(Refer to Para. 2 of the DISASSEMBLY.)
3 Disconnect connector PN and unscrew the screw (ⓐ) as shown in Fig. 9 to remove the PCB-POWER SAVE in the direction shown by the arrow.

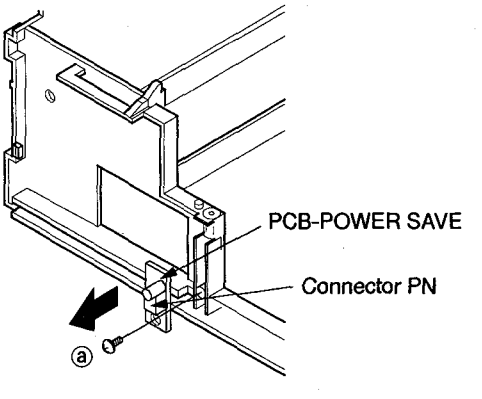


Fig. 9

3. PCB-JOG

1 Remove the Top Cover.
(Refer to Para. 1 of the DISASSEMBLY.)
2 Remove the Front Panel.
(Refer to Para. 2 of the DISASSEMBLY.)
3 Remove the three PCB-JOG fastening screws (ⓐ, ⓑ and ⓒ) shown in Fig. 10 and remove the PCB-JOG.

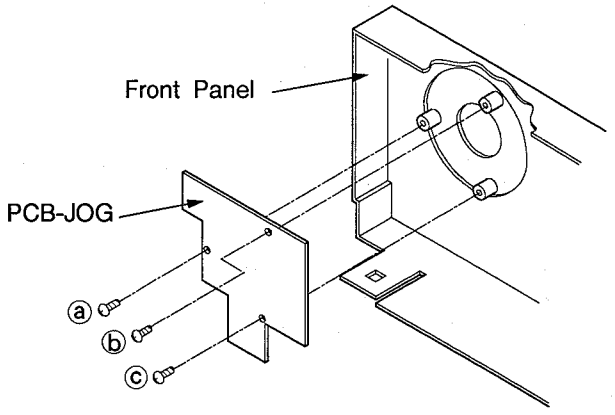


Fig. 10

4. PCB-MAIN

4-1 Removal of PCB-MAIN

1 Remove the DECK ASSY.
(Refer to Para. 4 of the DISASSEMBLY.)
2 Remove the Insert Guide.
(Refer to Para. 5 of the DISASSEMBLY.)
3 Remove the two screws (ⓐ and ⓑ) shown in Fig. 11.
4 Remove the holder for the AC power cord from the Base Chassis shown in Fig. 12.

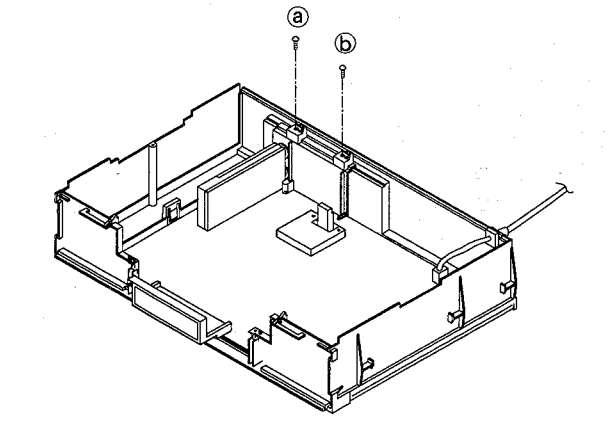


Fig. 11

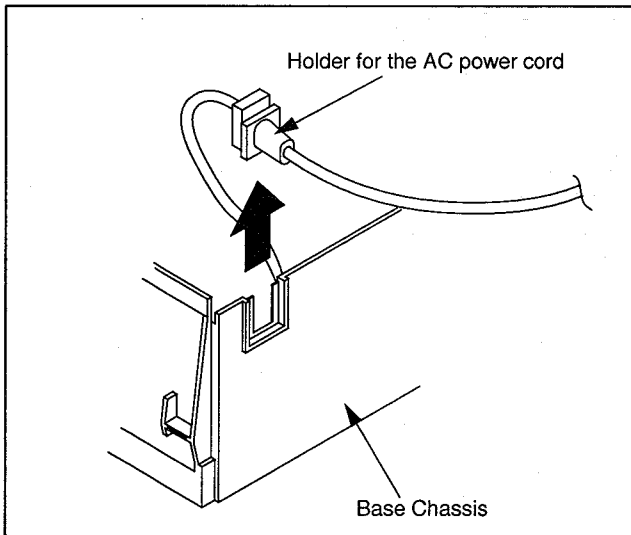
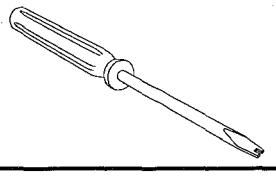
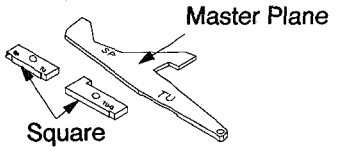
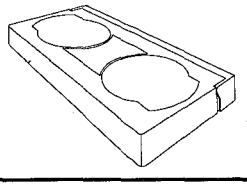
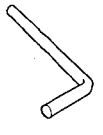
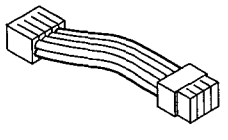
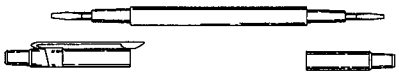
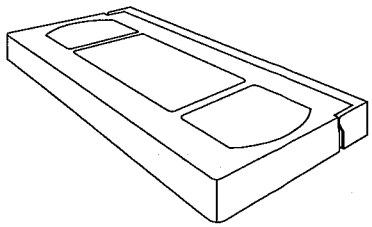


Fig. 12

MECHANICAL ADJUSTMENT TOOLS

	PURPOSE	METHOD
Adjustment Driver (859C259O80) 	For adjustment of guide rollers.	Carefully insert and adjust guide rollers.
Height adjusting Jig **• Master Plane (859C342O20)** **• Square (859C433O60)** 	The master plane and the square are used for measuring height and perpendicularity of the reel disk and Take up guide arm.	The gauge is applied to the part being measured.
Back Tension Gauge (859C345O80) 	The back tension gauge is used for measuring the tension of the tape on the supply side.	Load this gauge in the cassette housing and run in the play mode. Read the gauge indicator.
Cotton gloves	For changing, cleaning and handling of drum, heads and guides.	Use when handling all parts in the tape path.
Grease **MULTEMP SH-A (859D055O80)**	Lubrication of various parts.	To be applied as specified.
L SHARPED BOX DRIVER (859C433O70) 	The L SHARPED BOX DRIVER is used for tightening or removing screws which fasten the guide rollers.	Insert the screw and turn.
Extension Cable (859C433O80) 	For check of DECK operation.	Connect the MC connector and the CAPSTAN MOTOR.
Oil **FLOIL (859D154O20)**	Lubrication of various parts.	To be applied as specified.

ELECTRICAL ADJUSTMENT TOOLS

	PURPOSE	METHOD
Adjustment Driver (859C338O00) **767-M** 	The adjustment driver is intended to adjust variable resistors, trimmers, transformers etc. in the circuitry.	Select a tip suitable for the particular head of the component concerned and adjust.
Alignment Tape **(PS2 : 859C339O10)** **(PM6KH3 : 859C339O30)** **(PM3KE6(CH1) 25 : 859C568O50)** **(PMX : 859C568O70)** 	Standard signals (VHS Standard) are recorded on the alignment tape and reproduced when required in the adjustment of Servo circuit and interchangeability alignment.	Install and run in the play mode, the same as for an ordinary tape.

DECK OPERATION CHECK

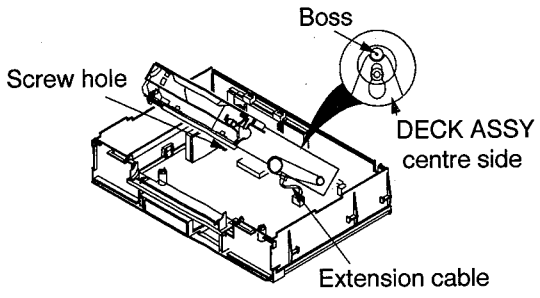


Fig. 1

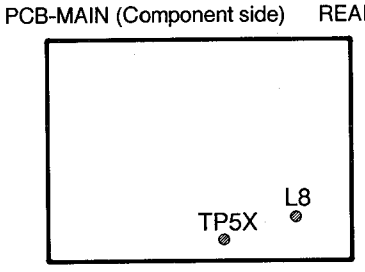


Fig. 2

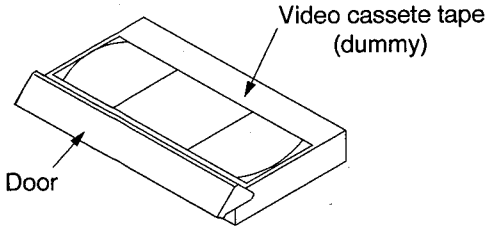


Fig. 3

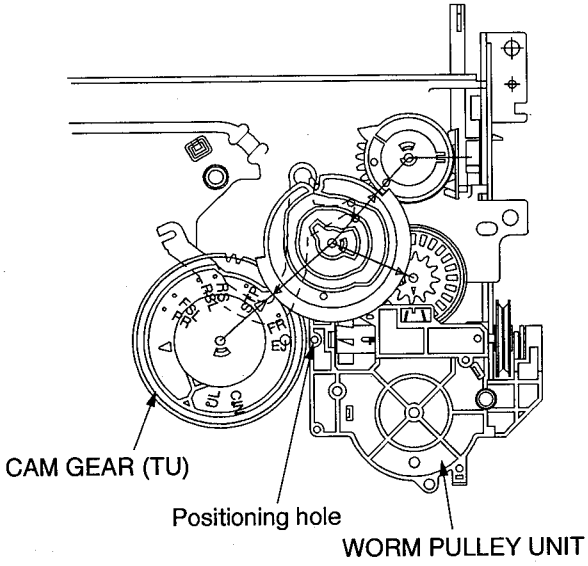


Fig. 4

Operation of the deck position and tape running systems can be checked according to the following method.

1. Unscrew all screws fastening the DECK ASSY and Shield Case.
2. Place the DECK ASSY on the Base Chassis so that the centre of the rear side aligns with the boss and that the rear side of the supply side aligns with the screw hole as shown in Fig. 1. Raise the front side of the DECK ASSY and hold it with a support.

Note : The MODE DETECT SENSOR, START SENSOR, END SENSOR, REEL SENSOR and RECORD PROTECTION SENSOR cannot operate in this state. Parts on the DECK (LOADING BELT and REEL BELT) can be replaced.

3. Connect L8 and TP5X via diode (1SS252) as shown in below.

Note : Connect them before plugging in the set.

4. Insert the power cord into the receptacle.
5. Insert the video cassette tape.

Note : This check may damage the cassette tape. Use a dummy cassette tape with a door or other tapes for check purpose only.

6. Press the Jog + and Jog - buttons on the remote hand unit to check the deck position.
   Jog + button : Operation in the loading direction.
   Jog - button : Operation in the unloading direction.
7. Connect the MC connector and the CAPSTAN MOTOR on the PCB-MAIN with the Extension cable (859C433O80). Press the FF and REW buttons on the remote hand unit to check the operation of the tape running system.

Note : Take care so that the two connectors of the Extension cable are attached in the same direction,without twisting the cable.

FF button : Forward rotation is implemented.
REW button : Reverse rotation is implemented.

- Example: Playback, REW/FF

1. Press the Jog + or Jog - button to align the character PR or FR of the CAM GEAR (TU) with the positioning hole of the WORM PULLEY UNIT shown in Fig. 4.
   PR : Playback position
   FR : REW/FF position
2. For fast forward operation check, press the FF button on the remote hand unit to make the CAPSTAN MOTOR rotate in the forward direction. For rewind operation check, press the REW button on the remote hand unit to make the CAPSTAN MOTOR rotate in the reverse direction.

Electrical Adjustments

Perform only the alignments required. If proper equipment is not available,do not attempt an alignment.

❑PRE-ADJUSTMENT SETTINGS

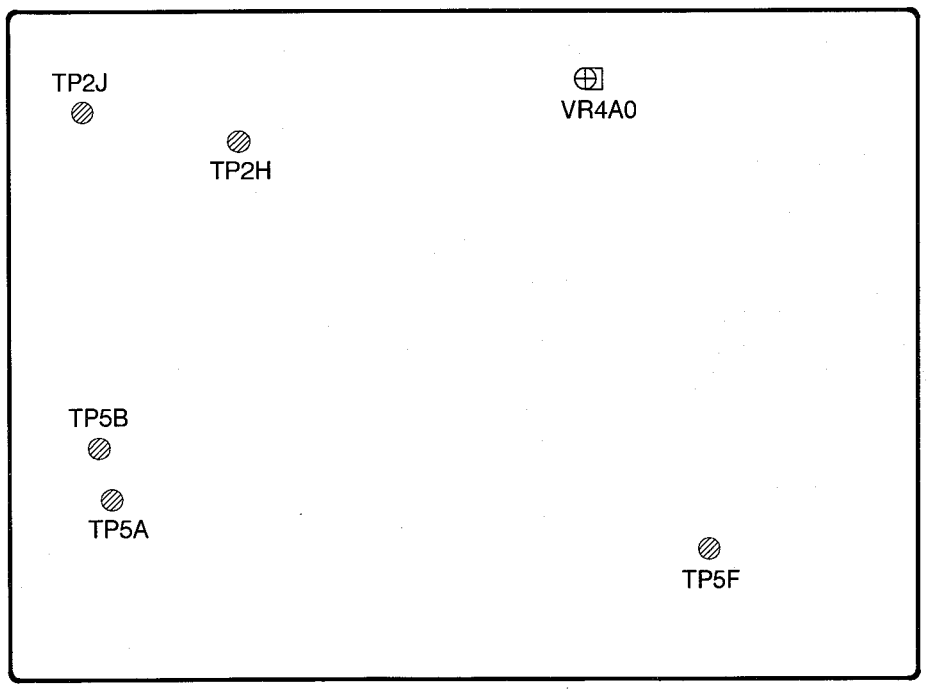
- Set the "COLOUR SYSTEM" to "PAL" mode in the MENU. [B, E, IR]
- Set the "FARBNORM" to "PAL" mode in the MENU. [GY]
- Set the "SYSTEMA" to "PAL" mode in the MENU. [GY]
- Set the "NICAM" to "OFF" mode in the MENU. [B, IR]
- Set the "NICAM/A2" to "OFF" mode in the MENU. [E]
- Set the "STEREO/2-TON" to "OFF" mode in the MENU. [GY]
- Set the "STEREO/DUALE" to "OFF" mode in the MENU. [GY]
- Set the "SHARPNESS" to "0" POSITION in the EXCELLENT PICTURE of the MENU. [B, E, IR]
- Set the "SCHAREFE" to "0" POSITION in the EXCELLENT PICTURE of the MENU. [GY]
- Set the "DEFINIZ" to "0" POSITION in the EXCELLENT PICTURE of the MENU. [GY]
- Set the "TAPE OPTIMIZER" to "OFF" mode in the EXCELLENT PICTURE of the MENU. [B, E, GY, IR]
- Set the "TAPE OPTIMIZER" to "AUS" mode in the EXCELLENT PICTURE of the MENU. [GY]
- Set the "RENTAL PB" to "OFF" mode in the INITIAL SET-UP of the MENU. [B, E, IR]
- Set the "FUNZIONE RENTAL" to "OFF" mode in the SISTEMAZIONE INIZIALE of the MENU. [GY]
- Set the "AUDIO MIX" to "OFF" mode in the MENU.
- Set the "AUDIO MIX" to "AUS" mode in the MENU. [GY]
- Set the "REC-LEVEL-VR(L-CH, R-CH)" to centre click position. [B, GY]

❑MEASURING EQUIPMENT

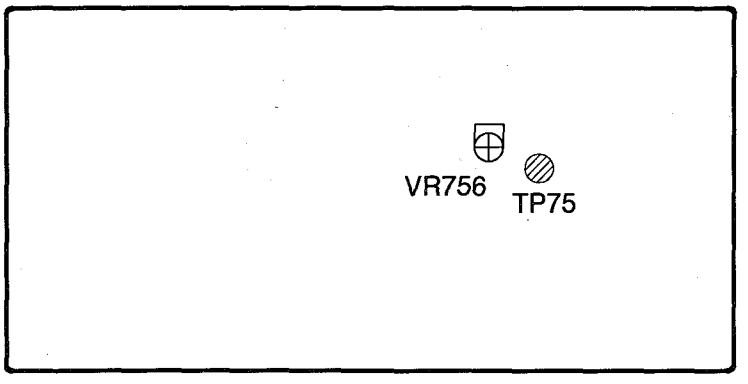
- Oscilloscope (10:1 probe unless 1:1 specified.)
- Frequency counter
- Electrical tools

LOCATIONS

PCB-MAIN (Component side) **REAR**



PCB-DUAL (Component side) **TOP**

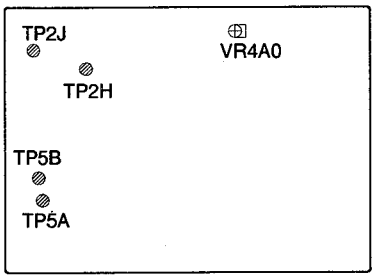


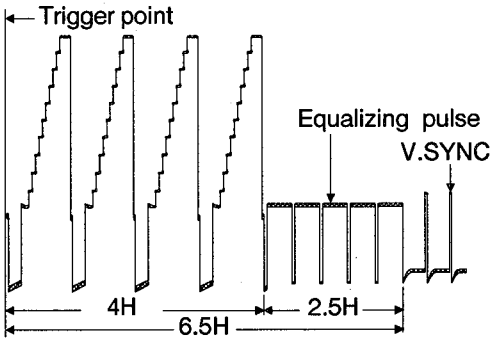
[Servo circuit] 1. Playback Switching Point	**Adjustment purpose**	Video switch over timing during playback.
	Symptom when incorrectly adjusted	Switching noise or jitter in the playback picture.

Measuring instrument and condition		**VCR set up condition**	
Oscilloscope		**Input signal**	– – –
Test point	TP2J	**Using tape**	Alignment tape (PS2, stair step)
EXT trigger	TP2H	**VCR condition**	Playback
Measurement range	DIV 20mV TIM 50μs	**Using Jig**	– – –

1. Playback an alignment tape (PS2, stair step).
2. Short-circuit TP5A to TP5B. Confirm that the "D" displayed in Fluorescent Display flashes fast.
3. Observe the waveform at TP2J.
4. Set the oscilloscope's slope to (–).
5. Adjust VR4A0 so that the trigger point is located at 6.5±1.0H before the vertical synchronizing signal.
6. Open-circuit TP5A to TP5B.

PCB-MAIN (Component side)



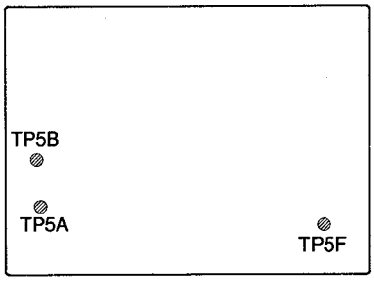


[Timer circuit] 2. Clock Frequency Correction	**Adjustment purpose**	To set the accuracy of clock.
	Symptom when incorrectly adjusted	Poor clock accuracy.

Measuring instrument and condition		**VCR set up condition**	
Frequency Counter		**Input signal**	– – –
Test point	TP5F	**Using tape**	– – –
EXT trigger	– – –	**VCR condition**	POWER off
Measurement range	– – –	**Using Jig**	– – –

1. Set the VCR to POWER off.
   (With the tape ejected from VCR.)
2. Short-circuit TP5A to TP5B.
3. Observe the frequency at TP5F.
4. Be certain that the frequency is between 262.1000 ~ 262.1882kHz.
5. Use the number buttons on the remote hand unit to enter the last three digits of the frequency counter reading (262.1ⓐⓑⓒkHz).
   (Confirm that the " • " is not displayed in fluorescent display.)
   Enter the digits in ⓐⓑⓒ sequence.
6. Push the REC button on the remote hand unit.
   (Confirm that the " • " is displayed in fluorescent display.)
7. Open-circuit TP5A to TP5B.

PCB-MAIN (Component side)



[Dual Audio circuit] 3. Channel Separation ([E, GY] only)	**Adjustment purpose**	Positioning of audio separation.
	Symptom when incorrectly adjusted	Mixing audio separation.

Measuring instrument and condition		**VCR set up condition**	
Oscilloscope		**Input signal**	RF signal (Stereo sound)
Test point	TP75	**Using tape**	– – –
EXT trigger	– – –	**VCR condition**	STOP
Measurement range	DIV 20mV TIM 2ms	**Using Jig**	– – –

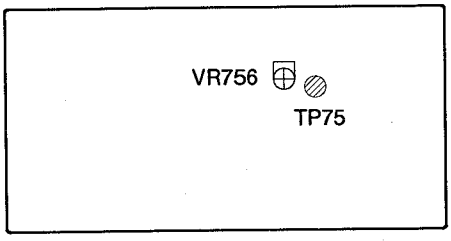
1. Supply an RF signal.

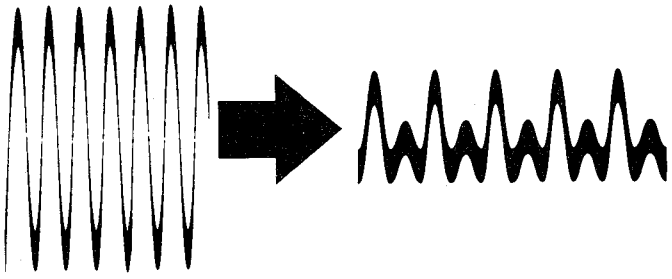
PILOT	50% AM MODULATION
RIGHT CH	1kHz,100% FM MODULATION
LEFT CH	NO MODULATION
RF INPUT	70dBμ(75Ω LOAD)

2. Set the VCR to STEREO mode.
3. Set the VCR to TUNER mode.
4. Observe the waveform at TP75.
5. Adjust VR756 so that the audio output signal at L-CH is minimum.

Note: This adjustment should be done precisely because it determines the separation.

PCB-DUAL (Component side)





MECHANICAL ADJUSTMENT AND REPLACEMENT

1. Cleaning the DECK

The following parts require cleaning whenever serviced to maintain satisfactory performance.

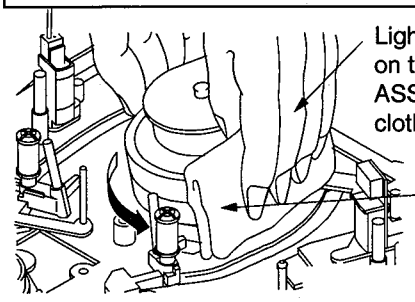
1-1 VIDEO HEAD

1. Clean the VIDEO HEADs by the following method. Dust and other foreign objects on the VIDEO HEADs disturb the normal playback picture.
   Dampen a VIDEO HEAD CLEANING CLOTH with alcohol. Hold the cloth against the DRUM and slowly turn the DRUM counte-rclockwise to clean.

Note : Do not directly touch the HEAD attached to the UPPER DRUM ASSY. The HEAD is very hard but brittle to impact, especially in the vertical direction.
Do not apply force in the vertical direction.

2. Allow residual alcohol to dry thoroughly before running a tape. Otherwise, the liquid may stick to and damage the tape.

UPPER DRUM ASSY cleaning



1-2 Tape Transport (Refer to Fig. 1.)

Clean the following parts of the Tape transport.

1. TENSION PIN
2. GUIDE POLE (SP)
3. FE HEAD
4. SLANT POLE (SP)
5. UPPER/LOWER DRUM ASSY
6. SLANT POLE (TU)
7. A/C HEAD
8. GUIDE POLE (TU)
9. CAPSTAN SHAFT
10. GUIDE PIN (TU)
11. GUIDE ROLLER (SP)
12. GUIDE ROLLER (TU)
13. PINCH ROLLER
14. IMPEDANCE UNIT (SP)

1. Clean the tape transport using gauze dampened with alcohol, except the GUIDE ROLLER (SP), GUIDE ROLLER (TU) and PINCH ROLLER for which dry gauze should be used.
2. Allow residual alcohol to dry thoroughly before running a tape. Otherwise the liquid may stick to and damage the tape.

1-3 REEL DISK Drive System

1. Clean the REEL DISK braking surfaces and the REEL BELT.
2. Clean the REEL DISK drive system using gauze dampened with alcohol, except the REEL BELT for which dry gauze shall be used.
3. Allow residual alcohol to dry thoroughly before operation.

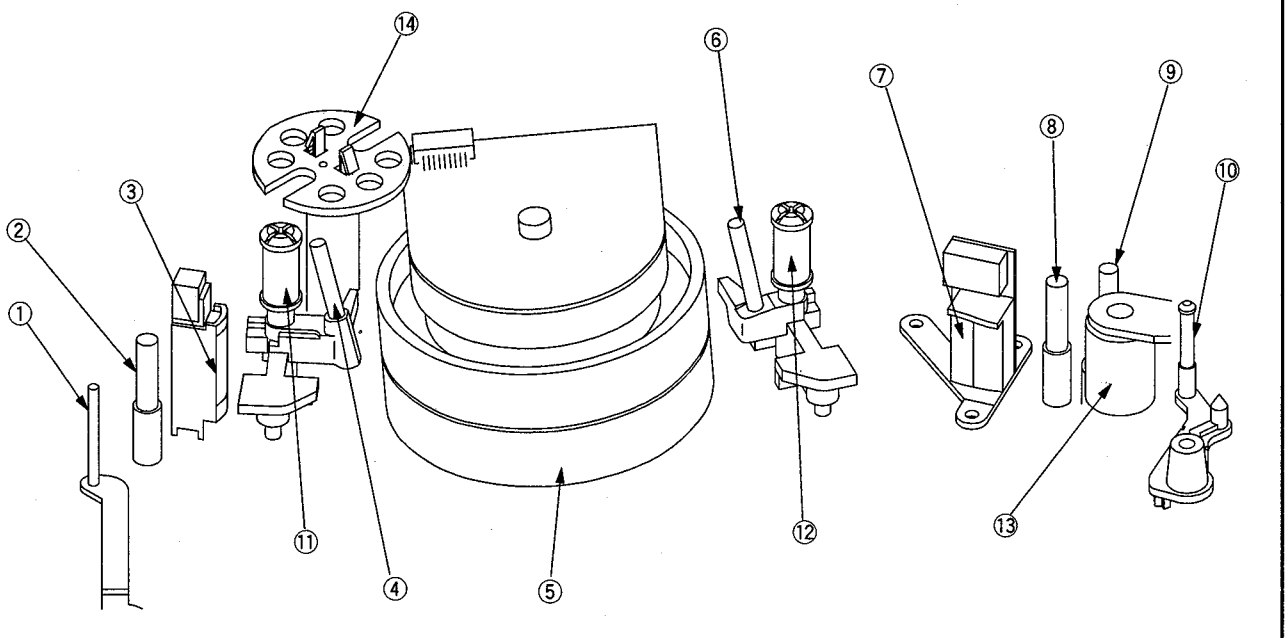


Fig. 1

2. Replacement of Major Parts

2-1 GUIDE ARM (SP), CLEANING ARM, CLEANING ROLLER UNIT

Position the set normally.

(Removal)

1 Disconnect the lead from the FE HEAD, which is clamped on the GUIDE ARM (SP) shown in Fig. 2-1.
2 Unfasten the catch (ⓐ) of the GUIDE ARM (SP) shown in Fig. 2-1 to remove the GUIDE ARM (SP).
3 Unfasten the catch (ⓑ) of the CLEANING ARM shown in Fig. 2-1 to remove the CLEANING ARM.
4 Unfasten the catch (ⓒ) of the CLEANING ARM shown in Fig. 2-1 to remove the CLEANING ROLLER UNIT from the CLEANING ARM.

(Installation)

1 Install the CLEANING ROLLER UNIT shown in Fig. 2-1 to the CLEANING ARM.
2 Install the CLEANING ARM shown in Fig. 2-1.
3 Install the GUIDE ARM (SP) shown in Fig. 2-1.
4 Connect the lead from the FE HEAD.

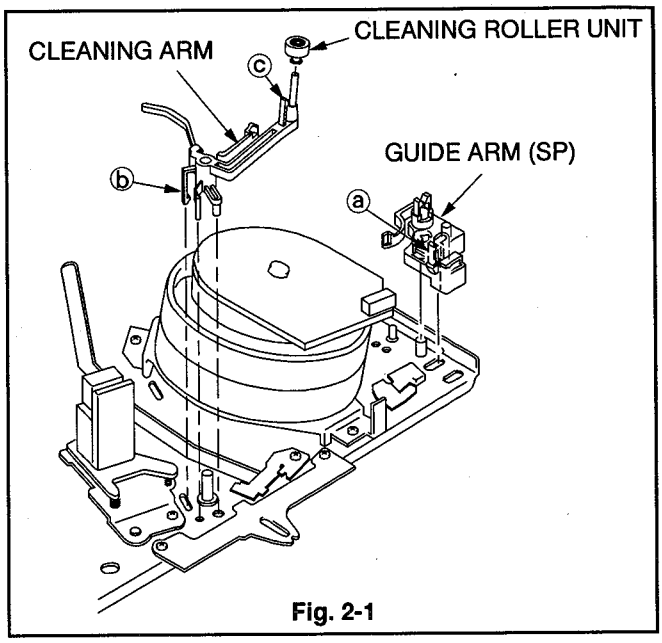


Fig. 2-1

2-2 STAY PLATE

Position the set normally.

(Removal)

1 Unfasten a LID HOLDER PLATE fastening screw (ⓐ) shown in Fig. 2-2. Remove the LID HOLDER PLATE.
2 Raise the STAY PLATE in the direction shown by arrow Ⓐ so that it stands completely in vertical as shown in Fig. 2-2. Remove the STAY PLATE in the direction shown by arrow Ⓑ.

(Installation)

1 Install the STAY PLATE and the LID HOLDER PLATE shown in Fig. 2-2.

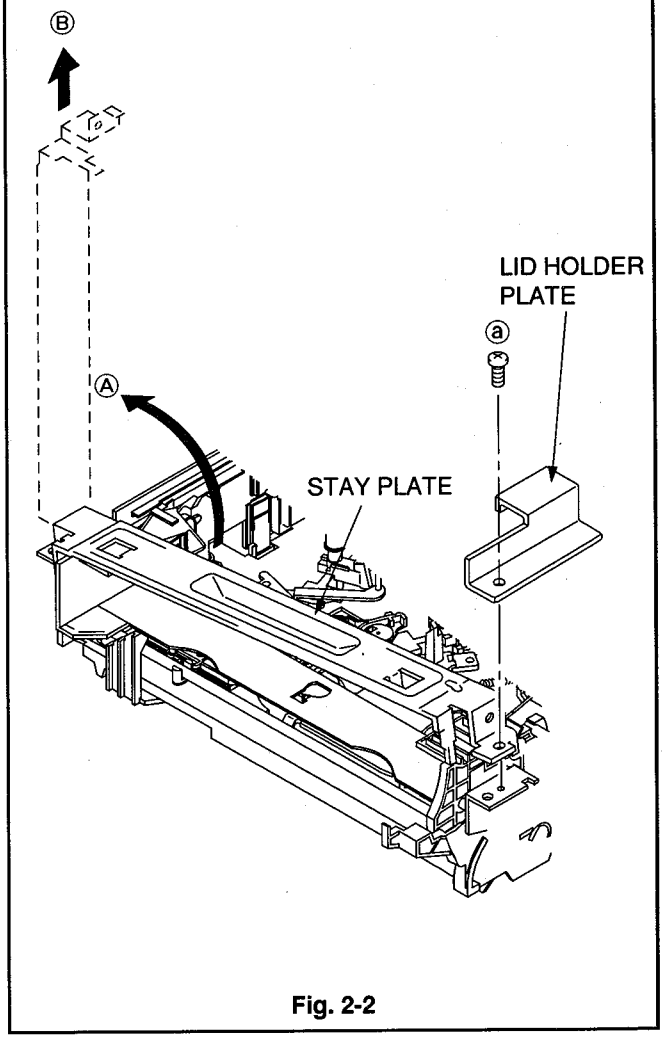


Fig. 2-2

2-3 BOTTOM UNIT

Normally place the set.

(Removal)

1 Remove the STAY PLATE . (Refer to Para. 2-2.)
2 Remove the BOTTOM UNIT in the direction shown by the arrow as shown in Fig. 2-3-1.

(Installation)

1 Apply GREASE (MULTEMP SH-A) [859D055O80] to the groove of the MAIN PLATE ASSY specified in Fig. 2-3-5.
2 Apply GREASE (MULTEMP SH-A) [859D055O80] to the BOTTOM UNIT specified in Fig. 2-3-5.
3 Move the LID HOOK (TU) shown in Fig. 2-3-2 in the direction shown by the arrow Ⓐ.
4 Move the LID HOOK (TU) and the LID OPENER (TU) in the direction shown by the arrow Ⓑ in Fig. 2-3-3 so that the boss of the LID HOOK (TU) shown in Fig. 2-3-2 is inserted in the matching groove on the CASSETTE HOLDER (TU).
5 Move the LID OPENER (SP) of the BOTTOM UNIT in the direction shown by arrow Ⓐ and hold it with your hand as shown in Fig. 2-3-3.
6 Insert a cassette tape in the BOTTOM UNIT shown in Fig. 2-3-3 with the LID OPENER (TU) held down with the hands.

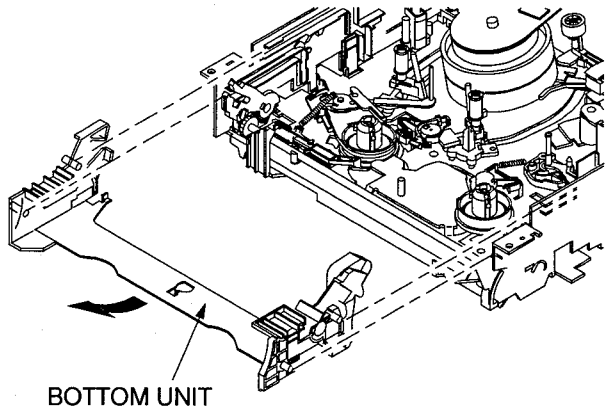


Fig. 2-3-1

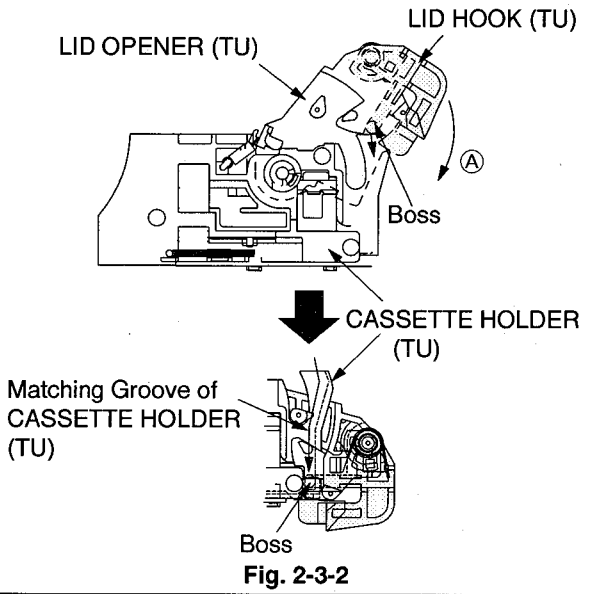


Fig. 2-3-2

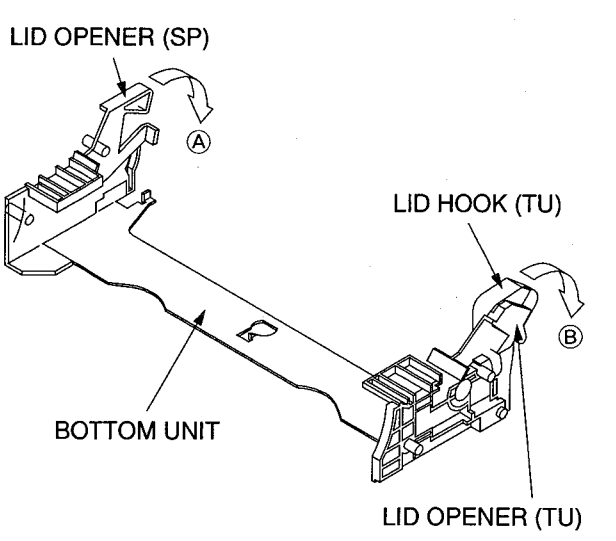


Fig. 2-3-3

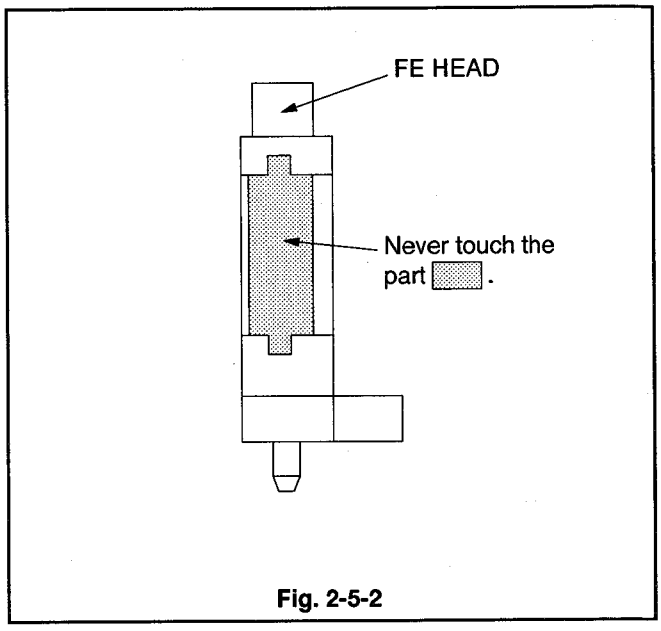


Fig. 2-5-2

2-6 SHUT LEVER UNIT

Position the set normally.
Before performing replacement in this paragraph, remove the following parts. Refer to the applicable paragraph for installation of each part.

- STAY PLATE (Para. 2-2)
- BOTTOM UNIT (Para. 2-3)

(Removal)

1 Unfasten the two catches (ⓐ and ⓑ) of the SHUT LEVER UNIT shown in Fig. 2-6-1 to remove the SHUT LEVER UNIT.

(Installation)

1 Apply GREASE (MULTEMP SH-A) [859D055O80] to the area specified in Fig. 2-6-1 on the MAIN PLATE ASSY.
2 Apply GREASE (MULTEMP SH-A) [859D055O80] to the area specified in Fig. 2-6-1 on the new SHUT LEVER UNIT.
3 Install the SHUT LEVER UNIT shown in Fig. 2-6-1.
4 Insert the spring of the SHUT LEVER UNIT under groove of the MAIN PLATE ASSY shown in Fig. 2-6-2.
5 Make sure that the SHUT LEVER UNIT returns in the direction shown by arrow Ⓑ when it is moved in the direction shown by arrow Ⓐ.

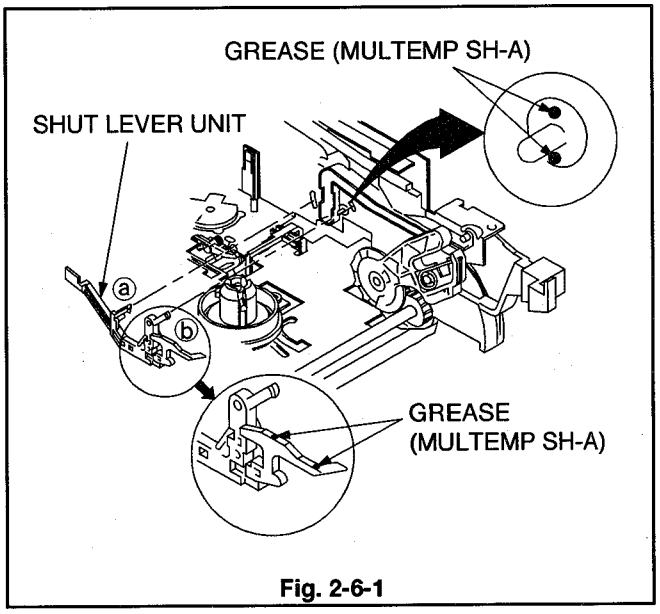


Fig. 2-6-1

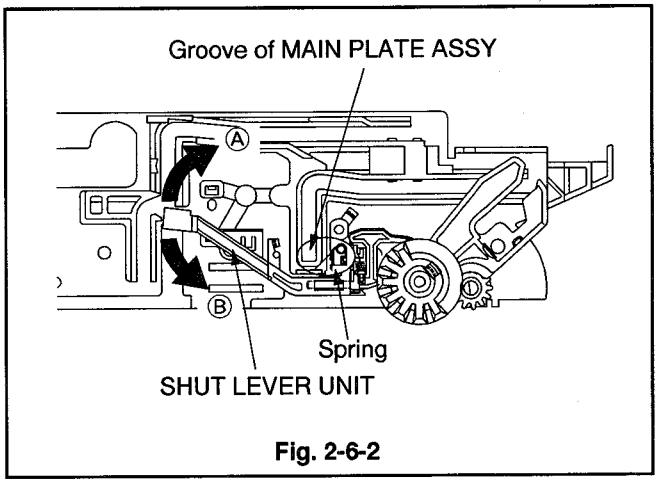


Fig. 2-6-2

2-7 LAMP GUIDE, MODE POSITION GUIDE

Position the set normally.

(Removal)

1 Unscrew the one LAMP GUIDE fastening (ⓐ) shown in Fig. 2-7-1.
2 Unfasten the catch (ⓑ) of the MAIN PLATE ASSY shown in Fig. 2-7-1 to remove the LAMP GUIDE.
3 Unfasten the catch (ⓒ) of the MODE POSITION GUIDE shown in Fig. 2-7-1 to remove the MODE POSITION GUIDE.

(Installation)

1 Clean the part A of the MODE POSITION GUIDE shown in Fig. 2-7-2 with the VIDEO HEAD CLEANING CLOTH.

Note : Never use alcohol or equivalent solvent.

2 Install the MODE POSITION GUIDE shown in Fig. 2-7-1.
3 Clean the part B of the LAMP GUIDE shown in Fig. 2-7-2 with the VIDEO HEAD CLEANING CLOTH.

Note : Never use alcohol or equivalent solvent.

4 Install the LAMP GUIDE shown in Fig. 2-7-1.
5 Install the screw (ⓐ) shown in Fig. 2-7-1.
6 After installing the LAMP GUIDE and MODE POSITION GUIDE, clean the surface of them with the VIDEO HEAD CLEANING CLOTH.

Note : Never use alcohol or equivalent solvent.

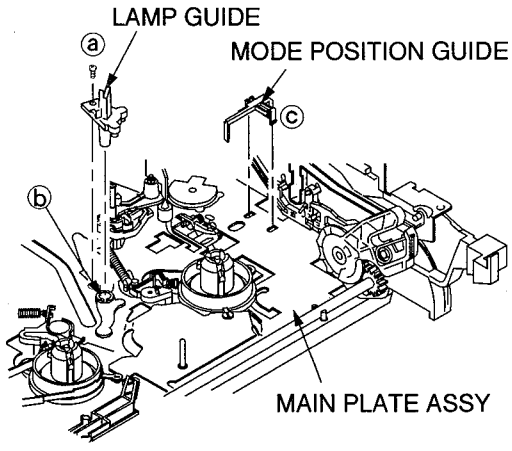


Fig. 2-7-1

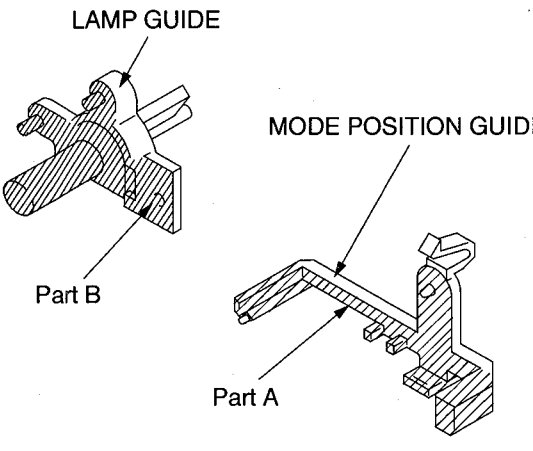


Fig. 2-7-2

2-8 TENSION SPRING, TENSION ARM, TENSION BELT UNIT

Position the set normally.

(Removal)

1 Remove the TENSION SPRING shown in Fig. 2-8-1.
2 Move the part A of the MAIN PLATE ASSY shown in Fig 2-8-3 in the direction shown by arrow Ⓐ with a minus driver, etc.
3 Unfasten the two catches (ⓐ and ⓑ) of the TENSION BELT UNIT shown in Fig. 2-8-1. Unfasten the catch (ⓒ) of the MAIN PLATE ASSY. Remove the TENSION BELT UNIT with the TENSION ARM attached.
4 Unfasten the two catches (ⓓ and ⓔ) of the TENSION BELT UNIT shown in Fig. 2-8-2 to remove the TENSION ARM .

(Installation)

1 Attach the TENSION ARM on the TENSION BELT UNIT shown in Fig. 2-8-2.
2 Fasten the TENSION BELT UNIT around the part shown in Fig. 2-8-3 of the REEL DISK (On SP side).

Note : Take care never to make GREASE or OIL adhere to the TENSION BELT UNIT during installation.

3 Move the part A of the spring of the TENSION LEVER UNIT shown in Fig. 2-8-4 in the direction shown by the arrow and install the TENSION ARM on the position shown in Fig. 2-8-4.
4 Move the part A of the MAIN PLATE ASSY in the opposite direction of arrow Ⓐ to let it enter the concave portion of the TENSION BELT UNIT as shown in Fig. 2-8-3 so that it points to the centre of the REEL DISK (On SP side).
5 Install the TENSION SPRING shown in Fig. 2-8-1.
6 Perform "Adjustment of BACK TENSION and TENSION PIN Position" in Para. 3-1 of "Interchangeability Adjustment of the Mechanism".

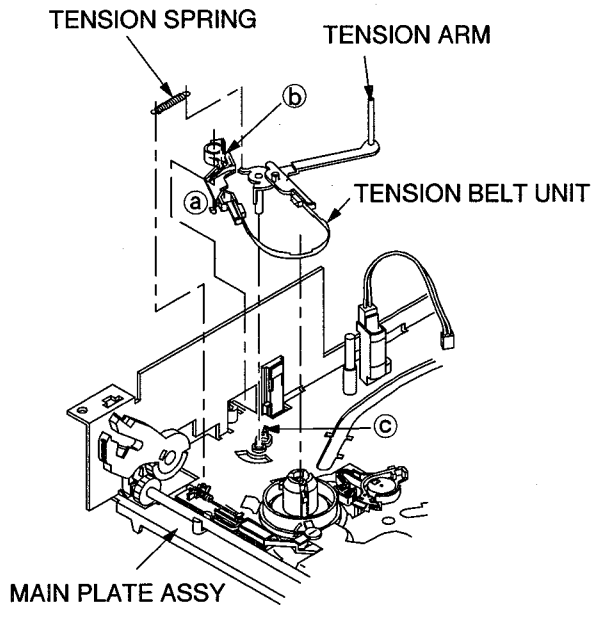


Fig. 2-8-1

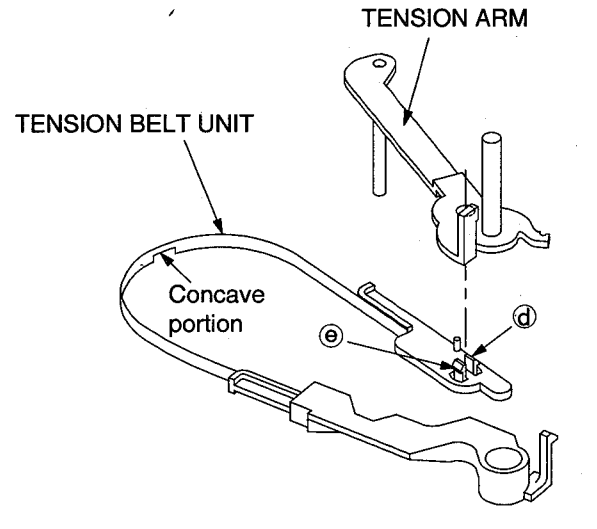


Fig. 2-8-2

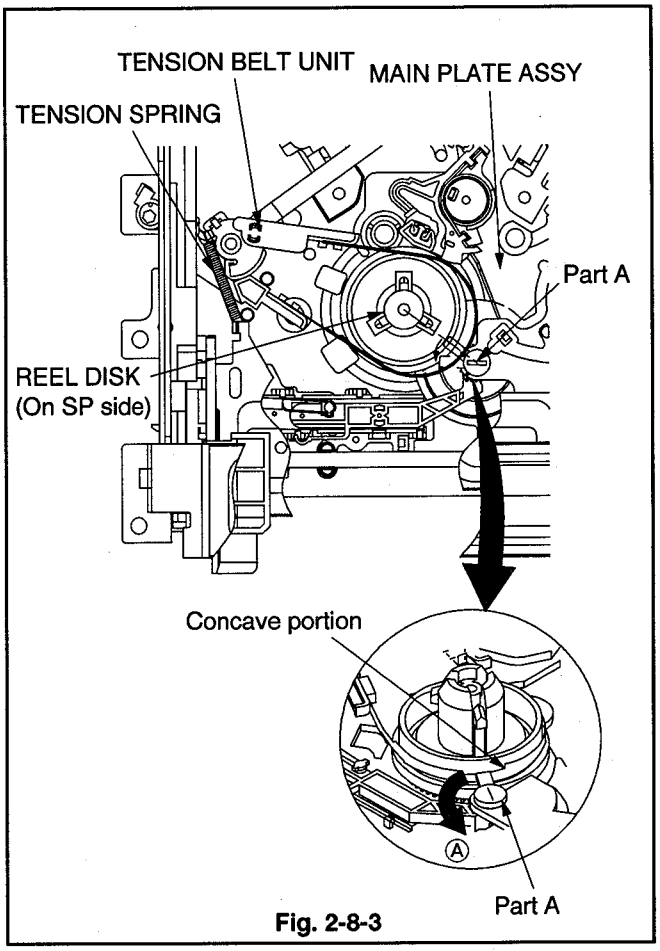


Fig. 2-8-3

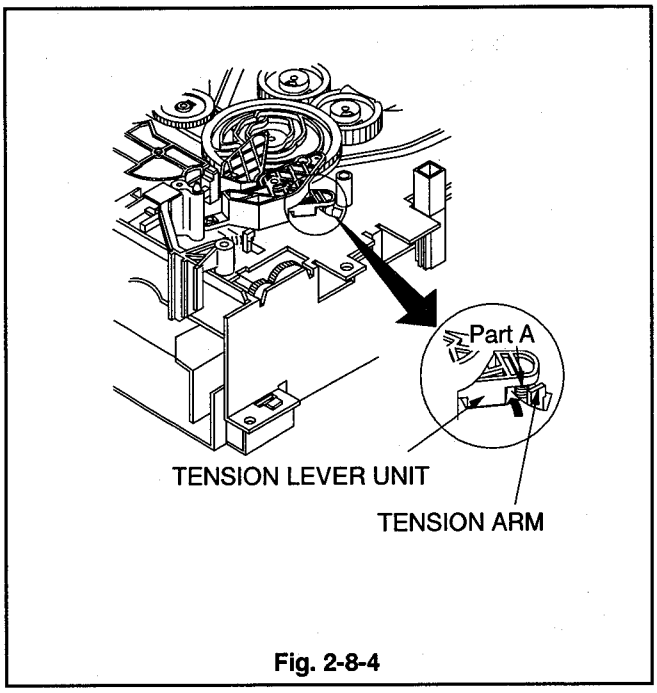


Fig. 2-8-4

2-9 BRAKE SPRING (for MAIN BRAKE (SP)), MAIN BRAKE (SP), BRAKE SPRING (for MAIN BRAKE (TU)), MAIN BRAKE (TU)

Position the set normally.

(Removal)

1 Remove the BRAKE SPRING (for MAIN BRAKE (SP)) shown in Fig. 2-9.
2 Unfasten the catch (ⓐ) of the MAIN BRAKE (SP) shown in Fig. 2-9 with tweezers, etc. to remove the MAIN BRAKE (SP).
3 Remove the BRAKE SPRING (for MAIN BRAKE (TU)) shown in Fig. 2-9.
4 Unfasten the catch (ⓑ) of the MAIN BRAKE (TU) shown in Fig. 2-9 to remove the MAIN BRAKE (TU).

(Installation)

1 Install the MAIN BRAKE (TU) shown in Fig. 2-9.
2 Install the BRAKE SPRING (for MAIN BRAKE (TU)) shown in Fig. 2-9.
3 Install the MAIN BRAKE (SP) shown in Fig. 2-9.
4 Install the BRAKE SPRING (for MAIN BRAKE (SP)) shown in Fig. 2-9.

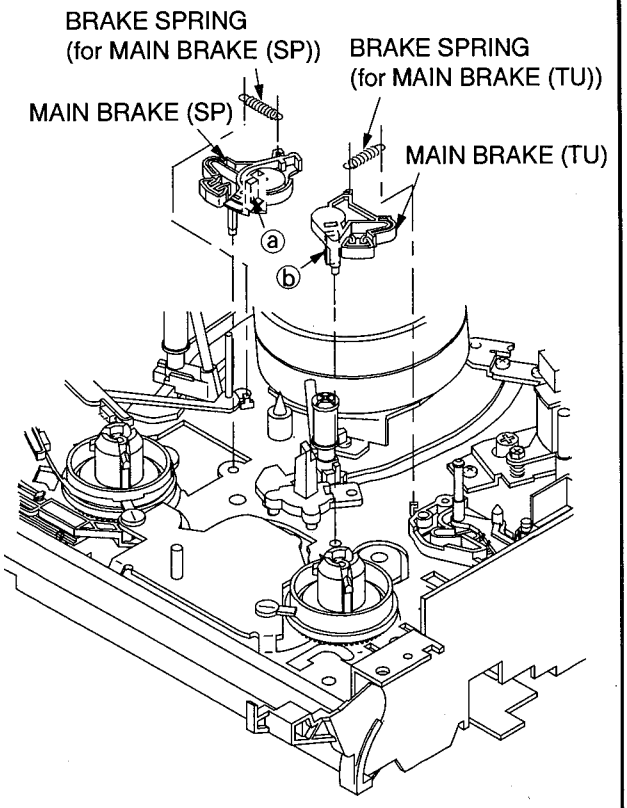


Fig. 2-9

2-10 REEL DISK (On SP side), REEL DISK (On TU side)

Position the set normally.
Before performing replacement in this paragraph, remove the following parts. Refer to the applicable paragraph for installation of each part.

- TENSION SPRING (Para. 2-8)
- TENSION ARM (Para. 2-8)
- TENSION BELT UNIT (Para. 2-8)

(Removal)

1 Move the MAIN BRAKE (SP) in the direction shown by arrow Ⓐ hold it in that state. Remove the REEL DISK (On SP side) as shown in Fig. 2-10-1.
2 Move the part B in the direction shown by arrow Ⓑ with a minus screw driver as shown in Fig. 2-10-1.
3 Move the MAIN BAKE (TU) in the direction shown by arrow Ⓒ hold it in that state. Remove the REEL DISK (On TU side) as shown in Fig. 2-10-1.

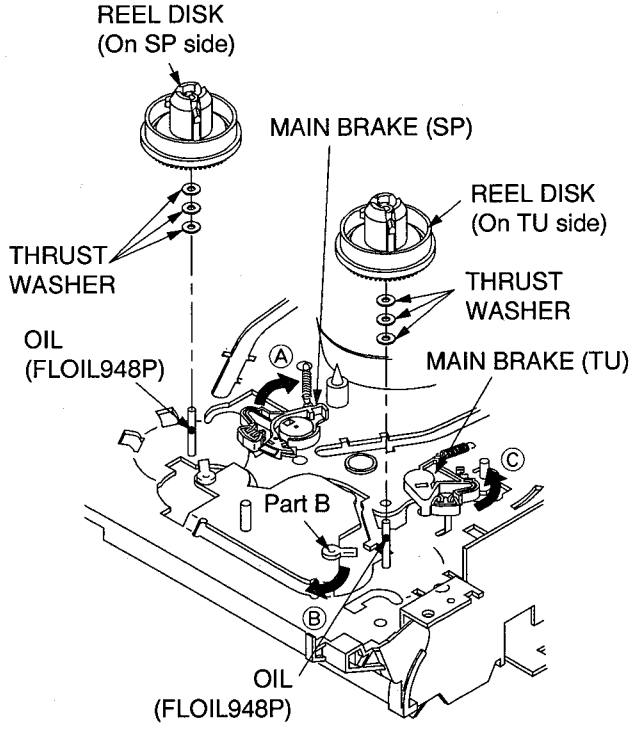


Fig. 2-10-1

(Installation)

1 Apply OIL (FLOIL 948P) [859D154O20] to the shaft shown in Fig. 2-10-1 in which the REEL DISK (On SP side) on the MAIN PLATE ASSY is to enter.
2 Install the REEL DISK (On SP side) shown in Fig. 2-10-1.
3 Place the height adjustment jig [MASTER PLANE] (859C342O20) shown in Fig. 2-10-2 in the reference position.
(Place the MASTER PLANE so that the points A, B and C of the MAIN PLATE ASSY support it.)
4 Place the height adjustment jig [SQUARE] (859C433O60) shown in Fig. 2-10-2 on the MASTER PLANE. Move it to the position shown in Fig. 2-10-3 to make sure that A can pass but B cannot pass under the REEL DISK (On SP side).
5 If the height of the REEL DISK (On SP side) is not correct, adjust it to the height specified in Item 4 by removing or adding the THRUST WASHER to be fixed to the shaft under the REEL DISK (On SP side).
   • If it is high, remove THRUST WASHER.
   • If it is low, add THRUST WASHER.
6 Install the TENSION BELT UNIT, TENSION ARM and TENSION SPRING.
(Refer to Para. 2-8 for the installation method.)
7 Make sure that the REEL DISK (On SP side) shown in Fig. 2-10-1 cannot come off.
8 Apply OIL (FLOIL 948P) [859D154O20] to the shaft shown in Fig. 2-10-1 in the REEL DISK (On TU side) on the MAIN PLATE ASSY is to enter.
9 Install the REEL DISK (On TU side) shown in Fig. 2-10-1.
10 Place the height adjustment jig [MASTER PLANE] (859C342O20) shown in Fig. 2-10-2 in the reference position.
(Place the MASTER PLANE so that the points A, B and C of the MAIN PLATE ASSY support it.)
11 Place the height adjustment jig [SQUARE] (859C433O60) shown in Fig. 2-10-2 on the MASTER PLANE. Move it to the position shown in Fig. 2-10-4 to make sure that A can pass but B cannot pass under the REEL DISK (On TU side).
12 If the height of the REEL DISK (On TU side) is not correct, adjust it to the height specified in Item 11 by remove or adding the THRUST WASHER to be fixed to the shaft under the REEL DISK (On TU side).
   • If it is high, remove THRUST WASHER.
   • If it is low, add THRUST WASHER.
13 Move the part B of the MAIN PLATE ASSY in the opposite direction of arrow Ⓑ as shown in Fig. 2-10-1 so that it points to the centre of the REEL DISK (On TU side).
14 Make sure that the REEL DISK (On TU side) shown in Fig. 2-10-1 cannot come off.

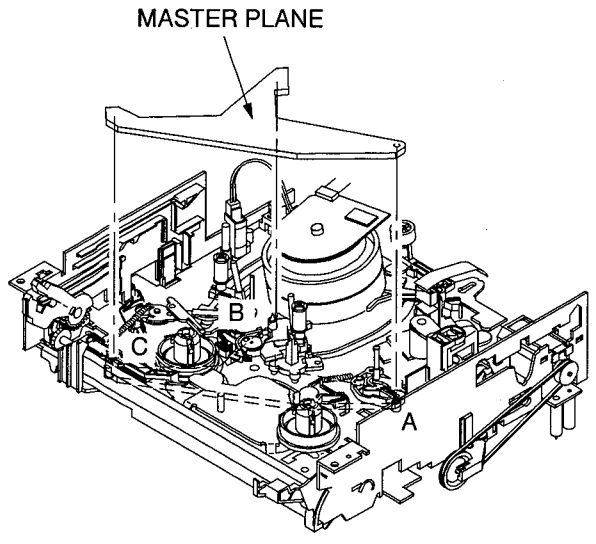


Fig. 2-10-2

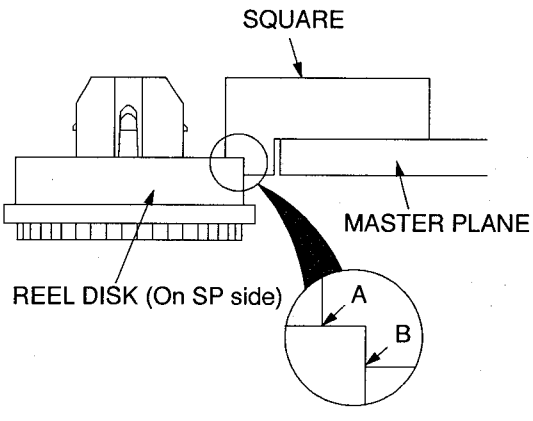


Fig. 2-10-3

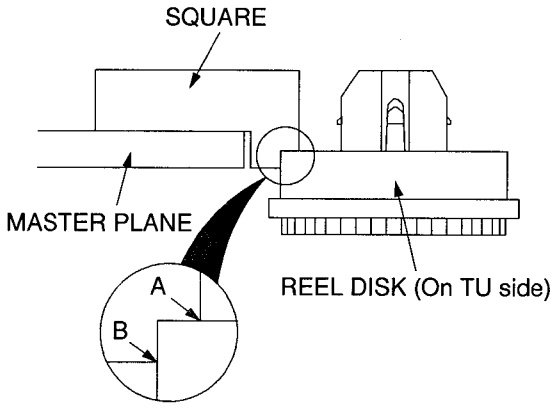


Fig. 2-10-4

2-11 LOADING BELT, LOADING MOTOR ASSY

Position the set normally.

(Removal)

1 Remove the LOADING BELT shown in Fig. 2-11-1.

2 Unfasten the two catches (ⓐ and ⓑ) of the LOADING MOTOR ASSY shown in Fig. 2-11-2 and the two catches (ⓒ and ⓓ) of it shown in Fig. 2-11-2 to remove the LOADING MOTOR ASSY.

(Installation)

1 Install the LOADING MOTOR ASSY shown in Fig. 2-11-2.

2 Fasten the LOADING BELT shown in Fig. 2-11-1.

Note : Take care never to make GREASE or OIL adhere to the LOADING BELT during installation.

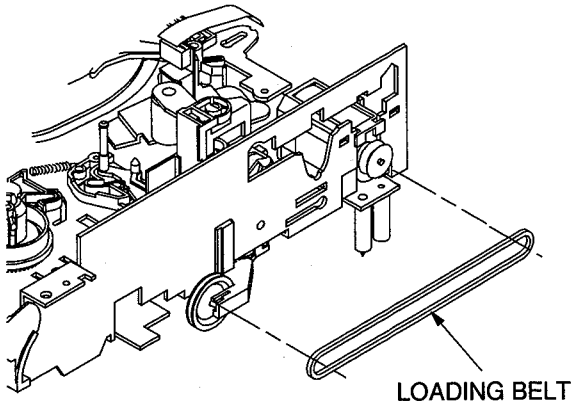


Fig. 2-11-1

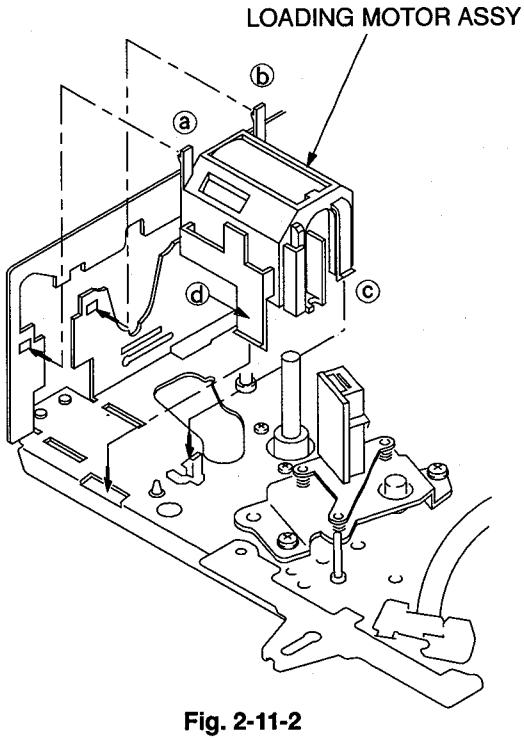


Fig. 2-11-2

2-12 PINCH ARM CAP 2, PINCH ARM UNIT, PINCH GEAR ARM 2, PINCH CAM HOLDER, PINCH CAM SPRING, PINCH CAM LEVER, PINCH RACK SLIDER, PINCH CAM GEAR

Position the set normally.

(Removal)

1 Unfasten the two catches (ⓐ and ⓑ) of the PINCH ARM CAP 2 shown in Fig. 2-12-1 with the tweezers, etc. to remove the PINCH ARM CAP 2.
2 Move the PINCH ARM UNIT in the direction shown by arrow Ⓐ to remove it as shown in Fig. 2-12-1.
3 Remove the PINCH GEAR ARM 2 shown in Fig. 2-12-1.
4 Remove the PINCH CAM SPRING shown in Fig. 2-12-1.
5 Remove the PINCH CAM LEVER shown in Fig. 2-12-1.
6 Unfasten the catch (ⓒ) of the PINCH RACK SLIDER shown in Fig. 2-12-1. Move the PINCH RACK SLIDER in the direction shown by arrow Ⓑ to remove it.
7 Unscrew the screw (ⓓ) of the PINCH CAM HOLDER shown in Fig. 2-12-1 to remove the PINCH CAM HOLDER.
8 Remove the PINCH CAM GEAR shown in Fig. 2-12-1.

(Installation)

1 Apply GREASE (MULTEMP SH-A) [859D055O80] to the area specified in Fig. 2-12-2 on the new PINCH CAM GEAR.

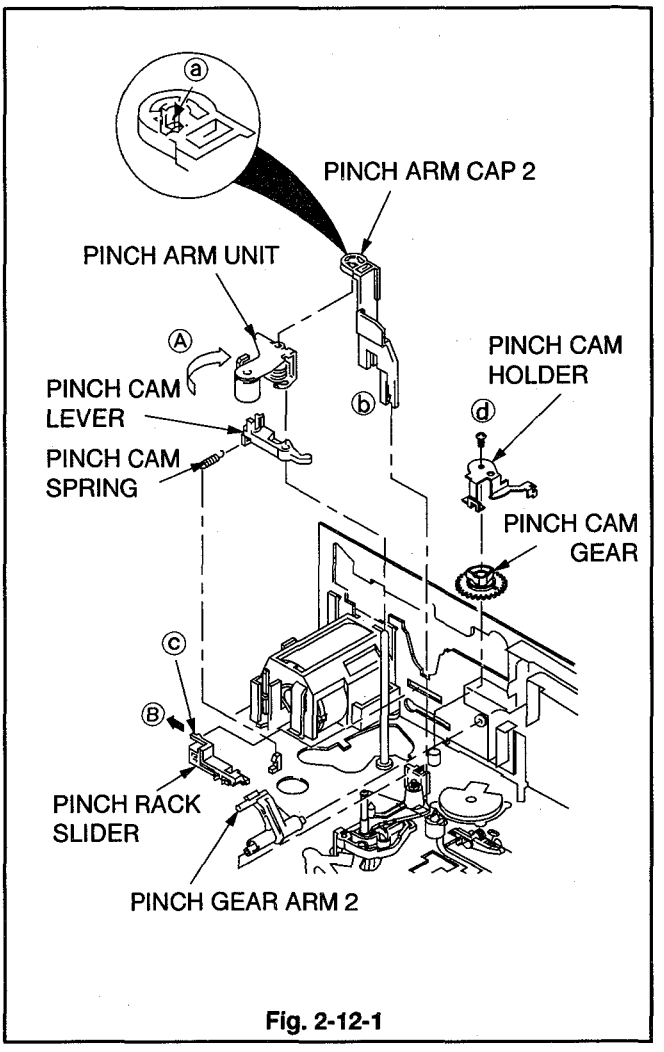


Fig. 2-12-1

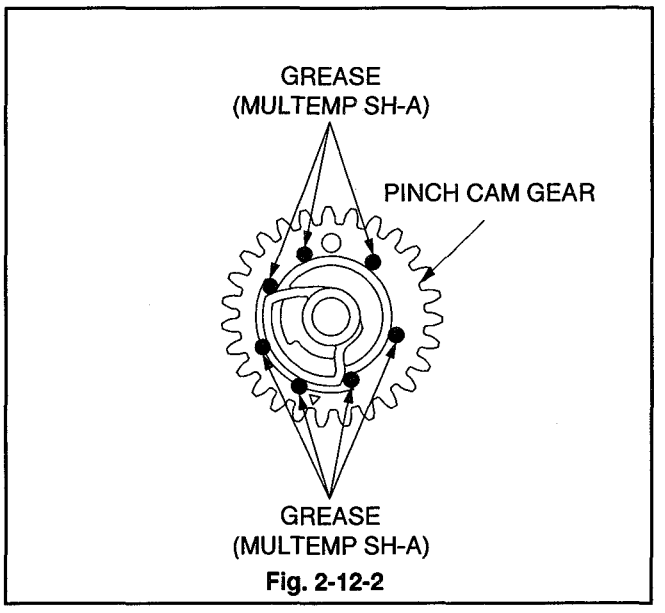


Fig. 2-12-2

2 Set the PINCH CAM GEAR so that the Δ mark on it matches with the Δ mark on the PINCH WORM GEAR as shown in Fig. 2-12-3 and install it.
3 Install the PINCH CAM HOLDER on the position shown in Fig. 2-12-4.
4 Move the PINCH RACK SLIDER in the direction shown by the arrow as shown in Fig. 2-12-5.
5 Make sure that the catch (ⓐ) of the PINCH RACK SLIDER enters the hole of the MAIN PLATE ASSY as shown in Fig. 2-12-5.
6 Install the PINCH CAM LEVER shown in Fig. 2-12-1.
7 Install the PINCH CAM SPRING shown in Fig. 2-12-1.

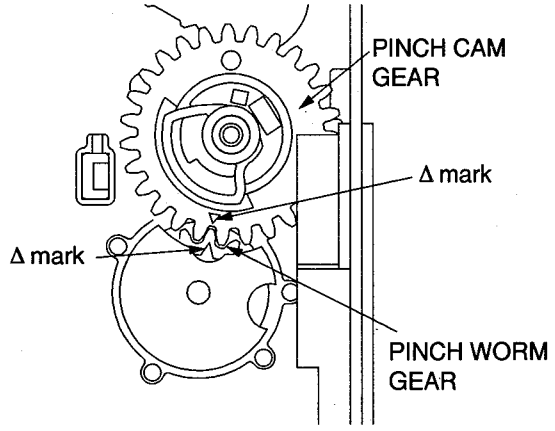


Fig. 2-12-3

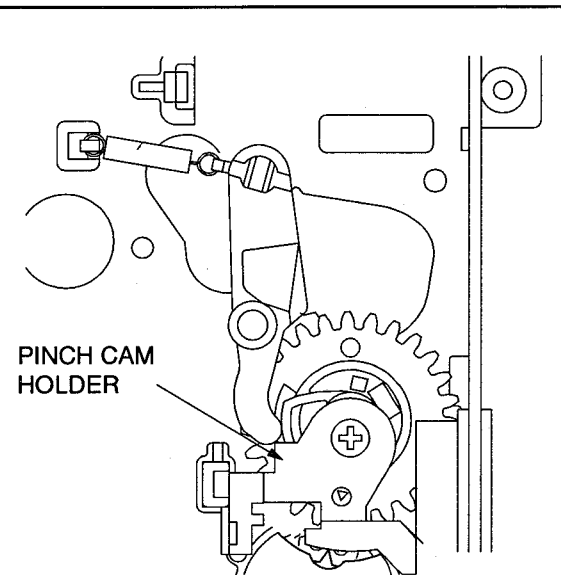


Fig. 2-12-4

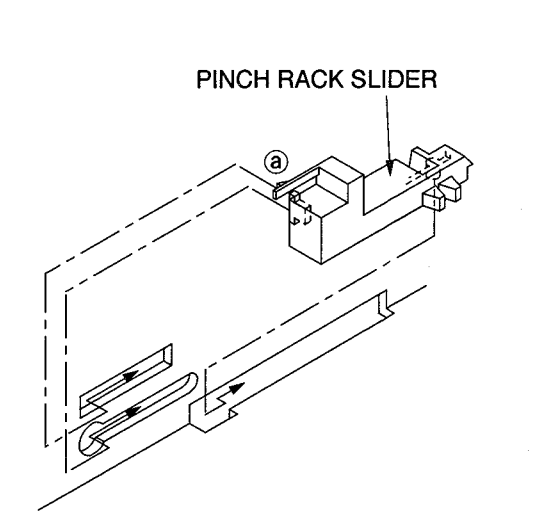


Fig. 2-12-5

8 Apply GREASE (MULTEMP SH-A) [859D055O80] to the area specified in Fig. 2-12-6 on the new PINCH GEAR ARM 2.
9 Install the PINCH GEAR ARM 2 shown in Fig. 2-12-7 so that the boss of the PINCH GEAR ARM 2 and the shaft of the MAIN PLATE ASSY are positioned as shown.
10 Move the PINCH ARM UNIT in the opposite direction of arrow Ⓐ to install it as shown in Fig. 2-12-1.
11 Install the PINCH ARM CAP 2 shown in Fig. 2-12-1.

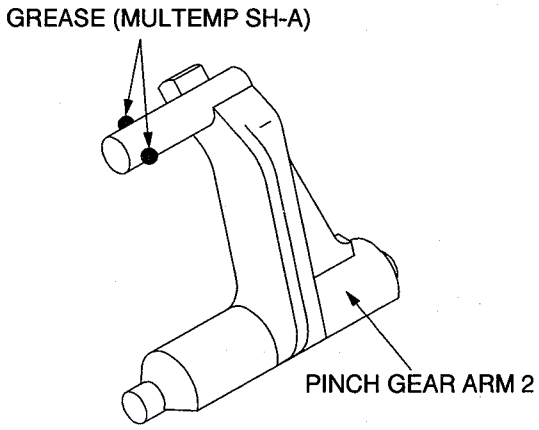


Fig. 2-12-6

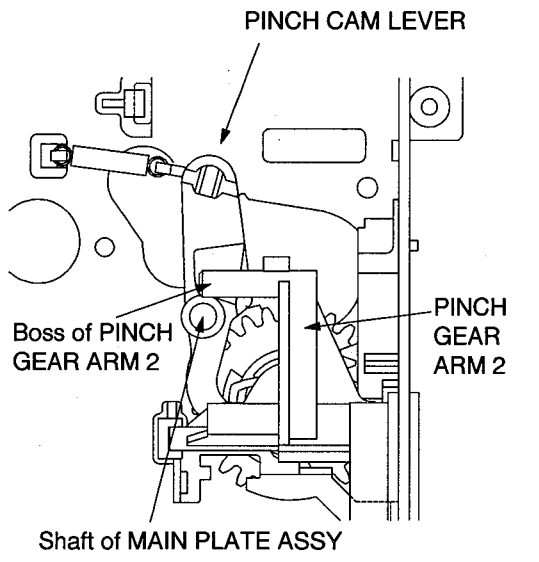


Fig. 2-12-7

2-13 GUIDE ARM ASSY (TU), GUIDE SPRING (TU), LOADING TG LEVER

Position the set normally.

(Removal)

1 Remove the NYLON NUT shown in Fig. 2-13-1 to remove the SL WASHER (ⓐ) , the GUIDE ARM ASSY (TU) and GUIDE SPRING (TU).
2 Remove the CUT WASHER (ⓑ) fastening the LOADING TG LEVER shown in Fig. 2-13-1.
3 Unfasten the two catches (ⓒ and ⓓ) of the LOADING TG LEVER shown in Fig. 2-13-1 to remove the LOADING TG LEVER.

(Installation)

1 Apply GREASE (MULTEMP SH-A) [859D055O80] to the area specified in Fig. 2-13-2 on the new LOADING TG LEVER.
2 Install the LOADING TG LEVER shown in Fig. 2-13-1.
3 Install the CUT WASHER shown in Fig. 2-13-1 to fasten the LOADING TG LEVER.

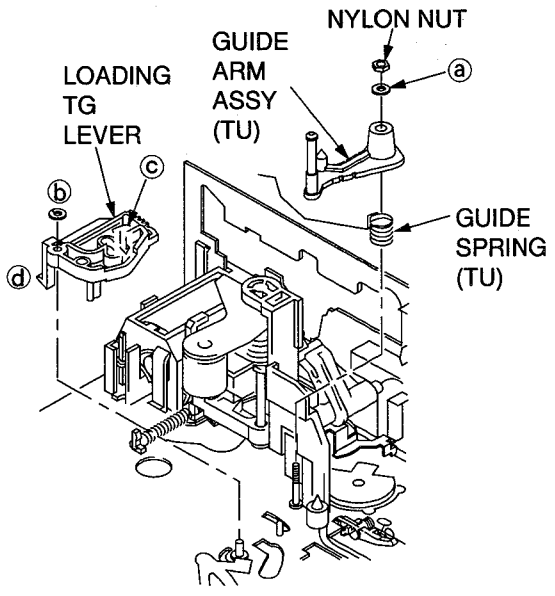


Fig. 2-13-1

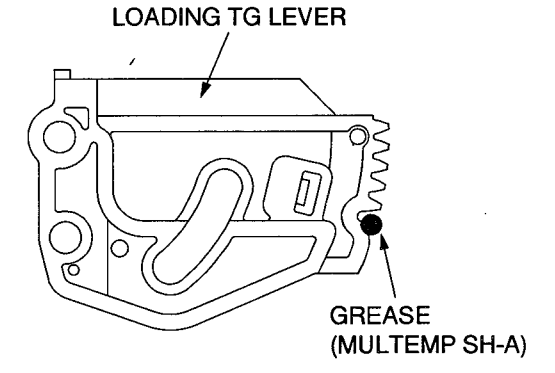


Fig. 2-13-2

4 Fix the GUIDE SPRING (TU) to the GUIDE ARM ASSY (TU) as shown in Fig. 2-13-3.
5 Fix the GUIDE ARM ASSY (TU) with the GUIDE SPRING (TU) attached shown in Fig. 2-13-1 to the shaft of the MAIN PLATE ASSY.
6 Install the GUIDE SPRING (TU) on the position shown in Fig. 2-13-4.

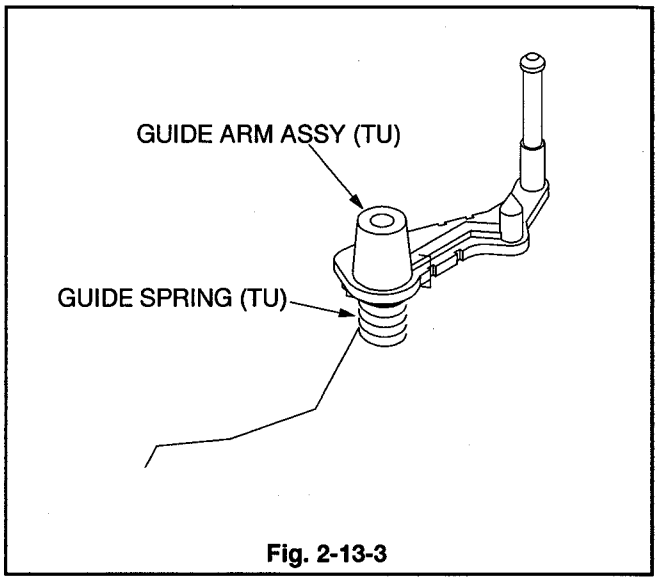


Fig. 2-13-3

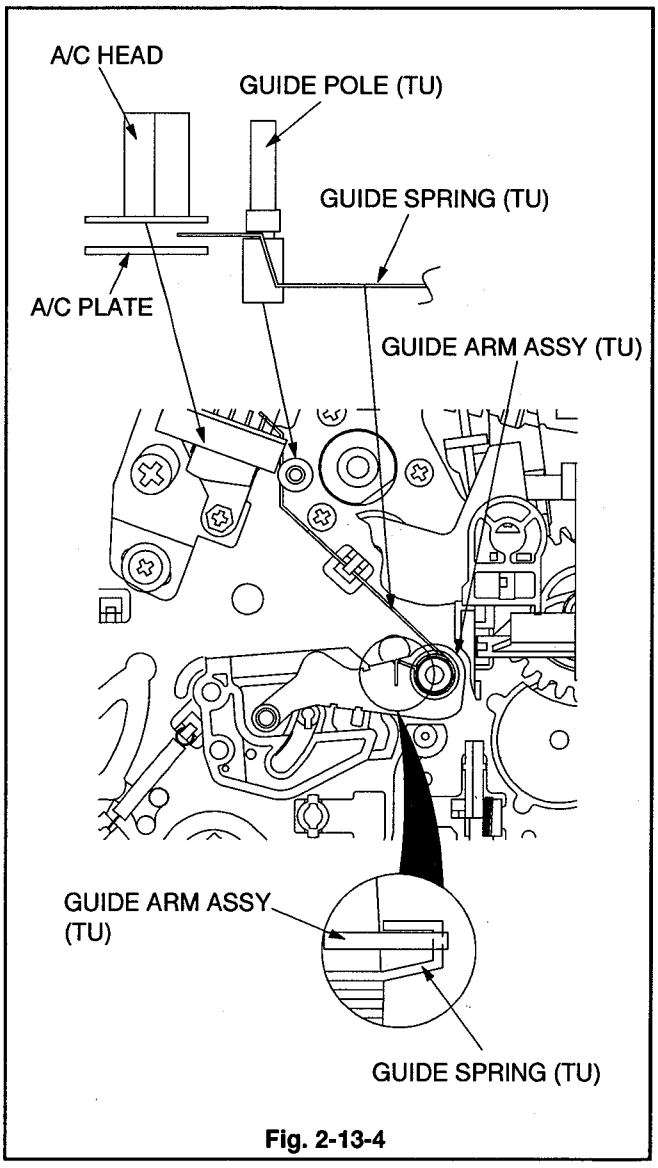


Fig. 2-13-4

7 Install the GUIDE ARM ASSY (TU) so that the first tooth of the gear of the GUIDE ARM ASSY (TU) shown in Fig. 2-13-5 matches with hole Ⓐ of the LOADING TG LEVER.
8 Install the SL WASHER (ⓐ) and NYLON NUT shown in Fig. 2-13-1.
9 Perform "Adjustment of GUIDE ARM ASSY (TU) Height" in Para. 3-5 of "Interchangeability Adjustment of the Mechanism".

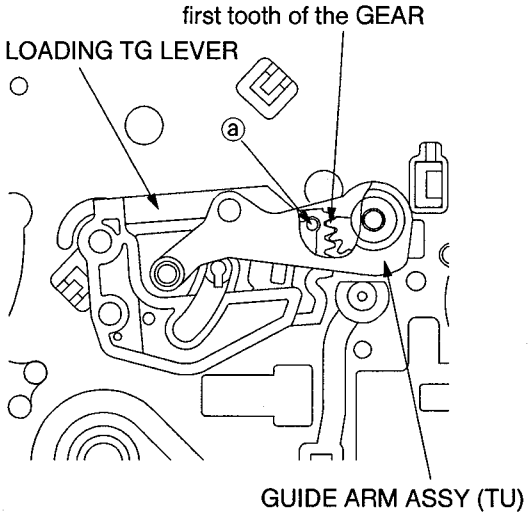


Fig. 2-13-5

2-14 REC SPRING, REC LEVER

Place the set upside down.

(Removal)

1 Remove the REC SPRING shown in Fig. 2-14.
2 Move the REC LEVER in the direction shown by arrow Ⓐ until it strikes on the MAIN PLATE ASSY to remove it as shown in Fig. 2-14.

(Installation)

1 Insert the catch of the REC LEVER shown in Fig. 2-14 into the hole of the MAIN PLATE ASSY and install the REC LEVER.
2 Install the REC SPRING shown in Fig. 2-14.

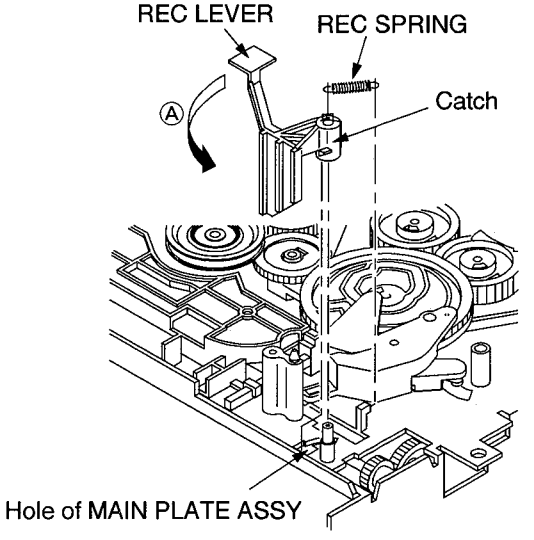


Fig. 2-14

2-15 REEL BELT, BELT PULLEY, SHIFT SPRING

Place the set upside down.

(Removal)

1 Remove the REEL BELT shown in Fig. 2-15.
2 Remove the CUT WASHER (ⓐ) fastening the BELT PULLEY shown in Fig. 2-15 to remove the BELT PULLEY.
3 Remove the SHIFT SPRING shown in Fig. 2-15.

(Installation)

1 Install the SHIFT SPRING shown in Fig. 2-15.
2 Fasten the BELT PULLEY shown in Fig. 2-15.
3 Install the CUT WASHER shown in Fig. 2-15 to fasten the BELT PULLEY.
4 Install the REEL BELT shown in Fig. 2-15.

Note : Take care never to make GREASE or OIL adhere to the REEL BELT during installation.

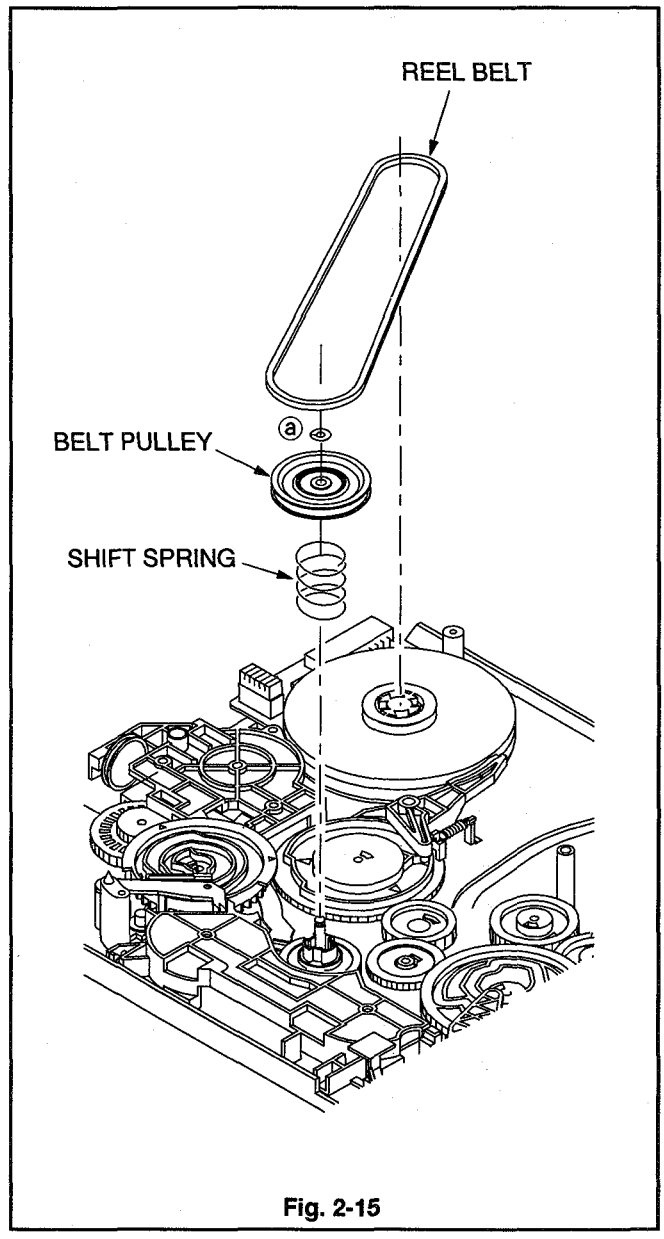


Fig. 2-15

2-16 CAPSTAN BRAKE SPRING, CAPSTAN BRAKE

Place the set upside down.
Before performing replacement in this paragraph, remove the following part. Refer to the applicable paragraph for installation of the part.

- REEL BELT (Para. 2-15)

(Removal)

1 Remove the CAPSTAN BRAKE SPRING shown in Fig. 2-16.
2 Remove the CUT WASHER (ⓐ) fastening the CAPSTAN BRAKE shown in Fig. 2-16.
3 Unfasten the catch (ⓑ) on the surface of the CAPSTAN BRAKE shown in Fig. 2-16 with tweezers, etc. to remove the CAPSTAN BRAKE.

(Installation)

1 Install the CAPSTAN BRAKE shown in Fig. 2-16.

Note : Take care never to make GREASE or OIL adhere to the area specified in Fig. 2-16 during installation of the CAPSTAN BRAKE.

2 Install the CUT WASHER (ⓐ) shown in Fig. 2-16 to fasten the CAPSTAN BRAKE.
3 Install the CAPSTAN BRAKE SPRING shown in Fig. 2-16.

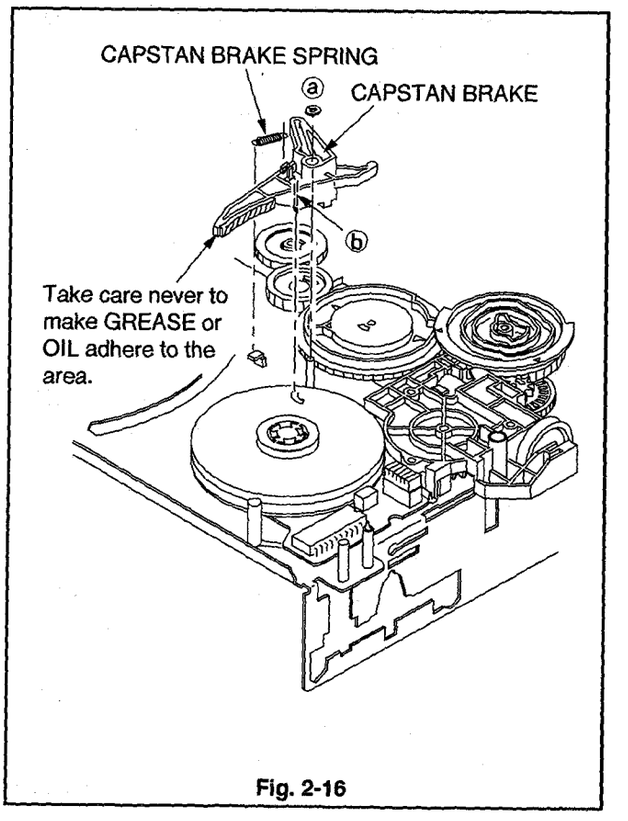


Fig. 2-16

2-17 MODE HOLDER, REEL LOCK LEVER, MODE GEAR, F/L DRIVE GEAR, F/L DRIVE LEVER, WORM PULLEY UNIT, LOADING WORM GEAR

Place the set upside down.

(Removal)

1 Unfasten the catch (ⓐ) on the surface of the REEL LOCK LEVER shown in Fig. 2-17-1 with tweezers, etc. to remove the REEL LOCK LEVER.
2 Unscrew the MODE HOLDER fastening screw (ⓑ) shown in Fig. 2-17-1 to remove the MODE HOLDER.
3 Unfasten the catch (ⓒ) of the SNAP PIN shown in Fig. 2-17-1 with the tweezers, etc. to remove the SNAP PIN.
4 Unfasten the catch (ⓓ) on the surface of the MODE GEAR shown in Fig. 2-17-1 with tweezers, etc. to remove the MODE GEAR.
5 Remove the F/L DRIVE GEAR shown in Fig. 2-17-1 from the shaft of the MAIN PLATE ASSY.
6 Remove the F/L DRIVE LEVER shown in Fig. 2-17-1.

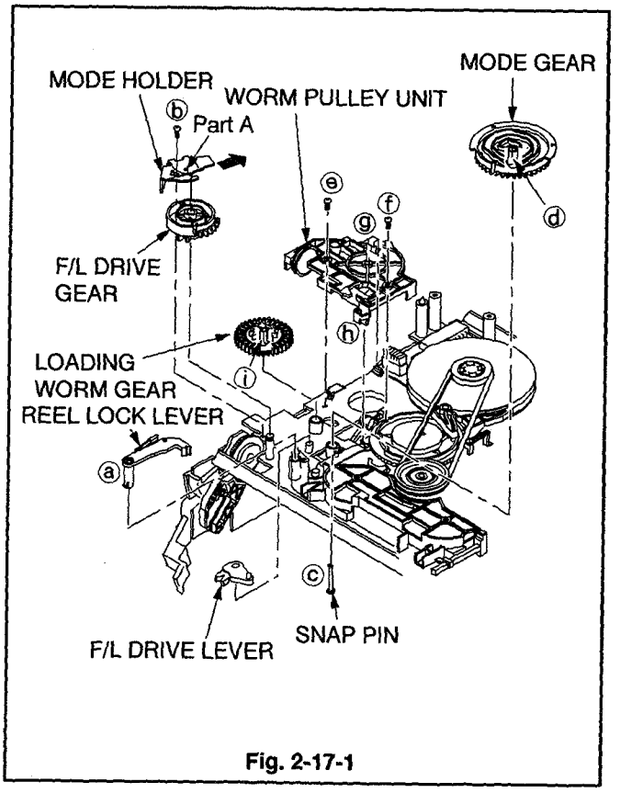


Fig. 2-17-1

7 Unscrew the two WORM PULLEY UNIT fastening screws (ⓔ and ⓕ) shown in Fig. 2-17-1.
8 Remove the LOADING BELT.
(Refer to Para. 2-11 for the removal method.)
9 Unfasten the two catches (ⓖ and ⓗ) of the WORM PULLEY UNIT shown in Fig. 2-17-1 to remove the WORM PULLEY UNIT.
10 Unfasten the catch (ⓘ) on the surface of the LOADING WORM GEAR shown in Fig. 2-17-1 to remove the LOADING WORM GEAR.

(Installation)

1 Apply GREASE (MULTEMP SH-A) [859D055O80] to the area specified in Fig. 2-17-2 on the new LOADING WORM GEAR.
2 Install the LOADING WORM GEAR shown in Fig. 2-17-1.
3 Turn the WORM PULLEY shown in Fig. 2-17-3 so that the round hole of the PINCH WORM GEAR matches with that of the WORM HOLDER.
4 Install the WORM PULLEY UNIT so that the Δ mark on the LOADING WORM GEAR shown in Fig. 2-17-4 matches with the part A of it.
5 Fasten the LOADING BELT. (Refer to Para. 2-11.)
6 Install the F/L DRIVE LEVER shown in Fig. 2-17-1.

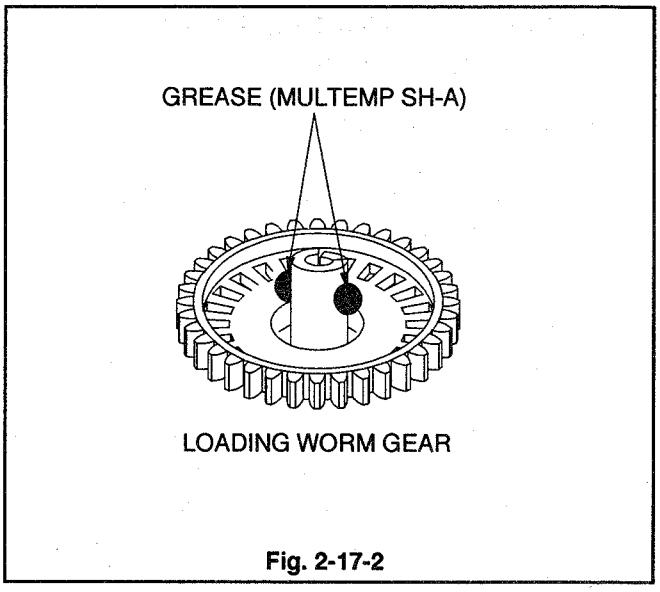


Fig. 2-17-2

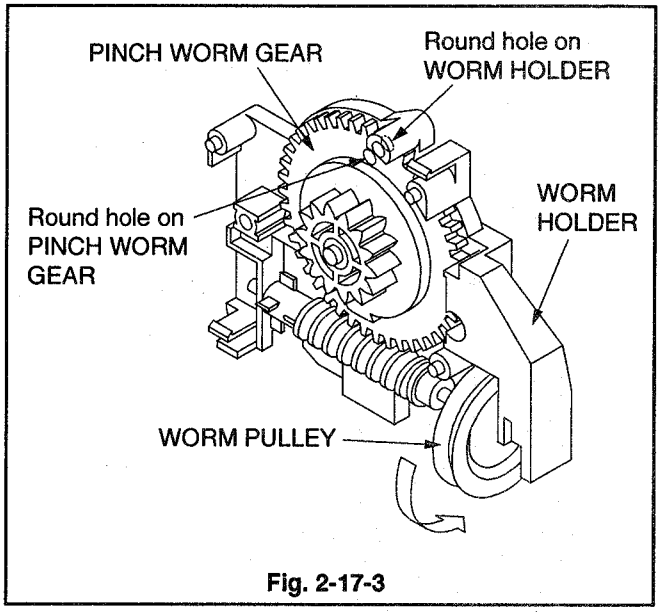


Fig. 2-17-3

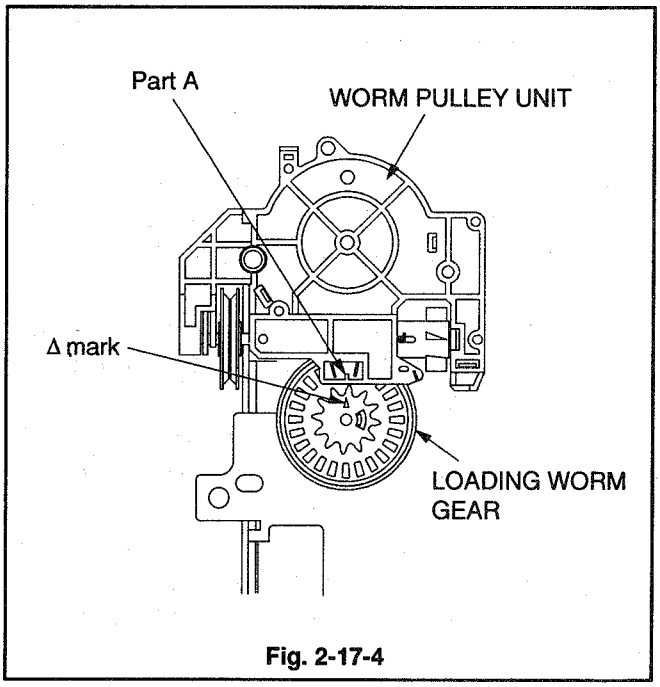


Fig. 2-17-4

7 Fully move the F/L DRIVE LEVER shown in Fig. 2-17-5 in the direction shown by arrow Ⓐ.
8 Apply GREASE (MULTEMP SH-A) [859D055O80] to the area specified in Fig. 2-17-6 on the new F/L DRIVE GEAR.
9 Move the F/L ARM UNIT (TU) shown in Fig. 2-17-7 in the direction shown by arrow Ⓐ.

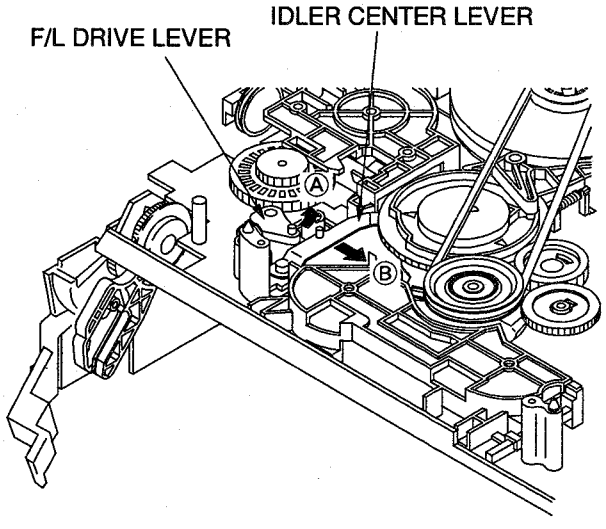
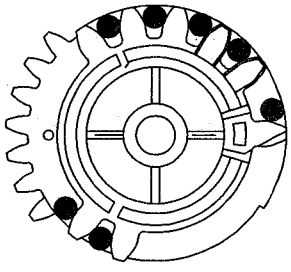


Fig. 2-17-5



Apply GREASE (MULTEMP SH-A) to the area ●.

Fig. 2-17-6

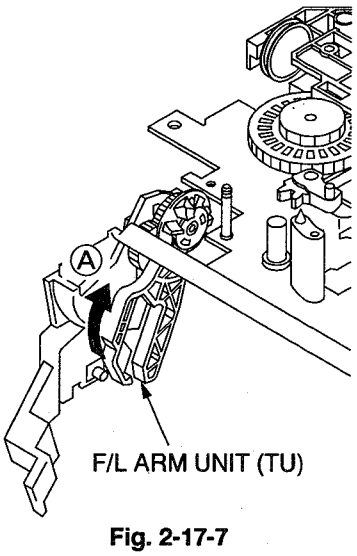


Fig. 2-17-7

10 Install the F/L DRIVE GEAR so that the first tooth of the gear of the F/L ARM UNIT (TU) matches with the II mark on the F/L DRIVE GEAR as shown in Fig. 2-17-8.

11 Fully move the IDLER CENTER LEVER shown in Fig. 2-17-5 in the direction shown by arrow Ⓑ.

12 Apply GREASE (MULTEMP SH-A) [859D055O80] to the area shown in Fig. 2-17-9 on the new MODE GEAR.

13 Install the MODE GEAR shown in Fig. 2-17-10 so that;
- Δ mark on the part A of the MODE GEAR matches with Δ mark on the part B of the CAM GEAR (TU),
- Δ mark on the part C of the MODE GEAR points to the centre of the LOADING WORM GEAR, and
- Δ mark on the part D of the MODE GEAR matches with the ○ mark on the part E of the F/L DRIVE GEAR.

14 Make sure that the Δ mark on the PINCH WORM GEAR shown in Fig. 2-12-3 matches with the Δ mark on the PINCH CAM GEAR .

15 Push the SNAP PIN shown in Fig. 2-17-1 into the centre hole of the MODE GEAR from the surface to install it.

16 Move the MODE HOLDER shown in Fig. 2-17-1 in the direction shown by the arrow so that the part A of it is fixed to the shaft of the MAIN PLATE ASSY and install it.

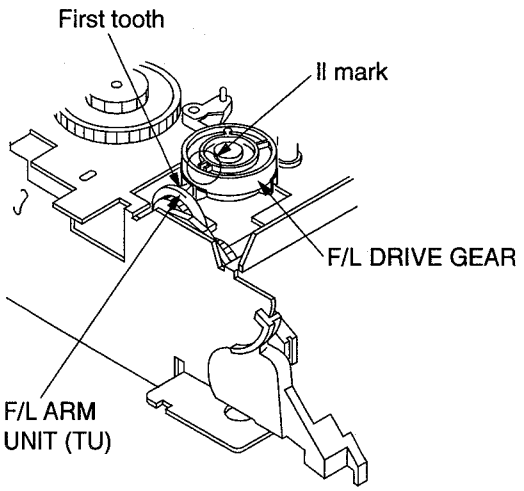
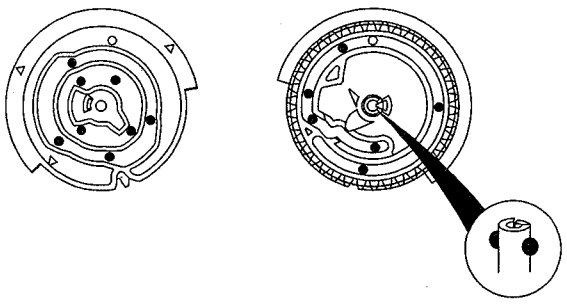


Fig. 2-17-8



Apply GREASE (MULTEMP SH-A) to the area ●.

Fig. 2-17-9

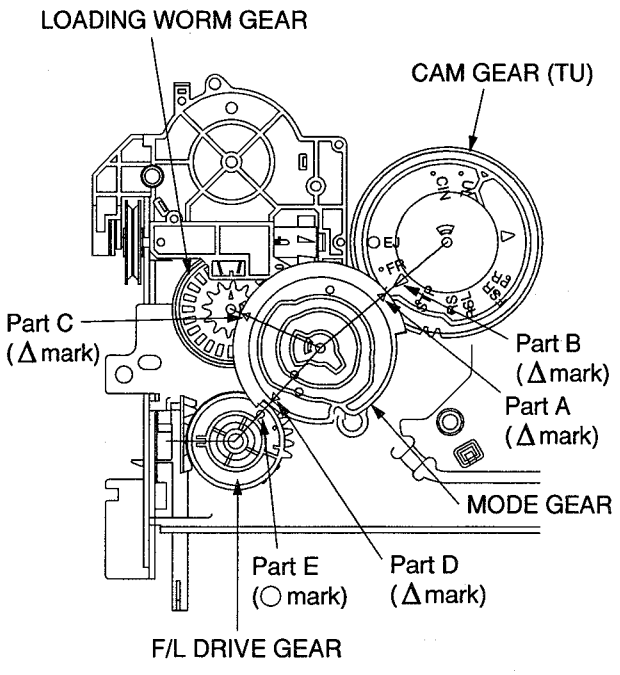


Fig. 2-17-10

17 Install the REEL LOCK LEVER so that the pins on the parts F and G of the REEL LOCK LEVER shown in Fig. 2-17-11 enter the cam groove of the MODE GEAR.

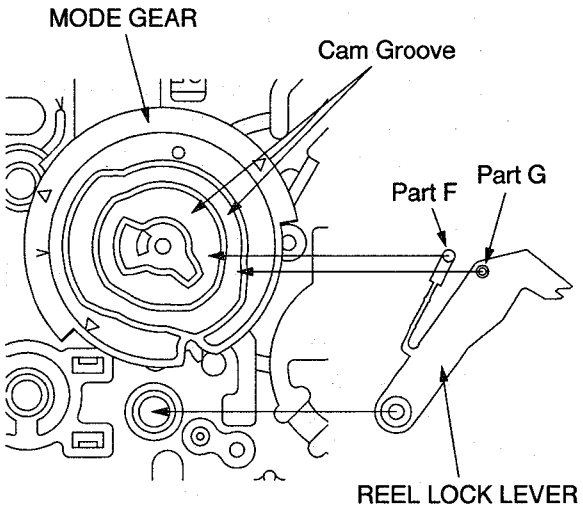


Fig. 2-17-11

2-18 CONTROL WIND LEVER, TENSION LEVER UNIT

Place the set upside down.

(Removal)

1 Unfasten the catch (ⓐ) on the surface of the CONTROL WIND LEVER shown in Fig. 2-18-1 with tweezers, etc. to remove the CONTROL WIND LEVER.

2 Remove the TENSION LEVER UNIT shown in Fig. 2-18-1.

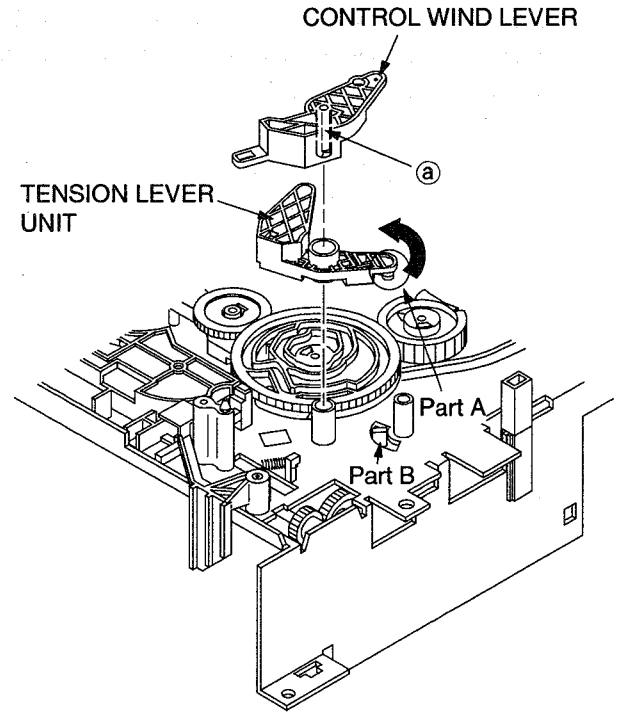


Fig. 2-18-1

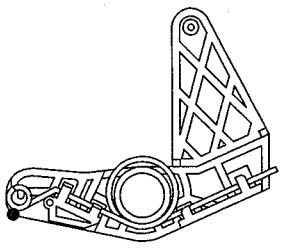
(Installation)

1 Apply GREASE (MULTEMP SH-A) [859D055O80] to the area specified in Fig. 2-18-2 on the new TENSION LEVER UNIT.

2 Install the TENSION LEVER UNIT shown in Fig. 2-18-1 with taking care of the following.
- Make the pin on the part A of the TENSION LEVER UNIT shown in Fig. 2-18-3 enter the cam groove on the CAM GEAR (SP).
- Move the part A of the spring of the TENSION LEVER UNIT shown in Fig. 2-18-1 in the direction shown by the arrow. Install the TENSION LEVER UNIT so that the part A of the spring is hooked to the part B of the TENSION ARM.

3 Apply GREASE (MULTEMP SH-A) [859D055O80] to the area specified in Fig. 2-18-4 on the new CONTROL WIND LEVER.

4 Install the CONTROL WIND LEVER so that the pin on the part B on the CONTROL WIND LEVER shown in Fig. 2-18-3 enters the cam groove of the CAM GEAR (SP) and that the pin of the part D of the WIND LEVER UNIT enters the hole of the part C on the CONTROL WIND LEVER.



Apply GREASE (MULTEMP SH-A) to the area ●.

Fig. 2-18-2

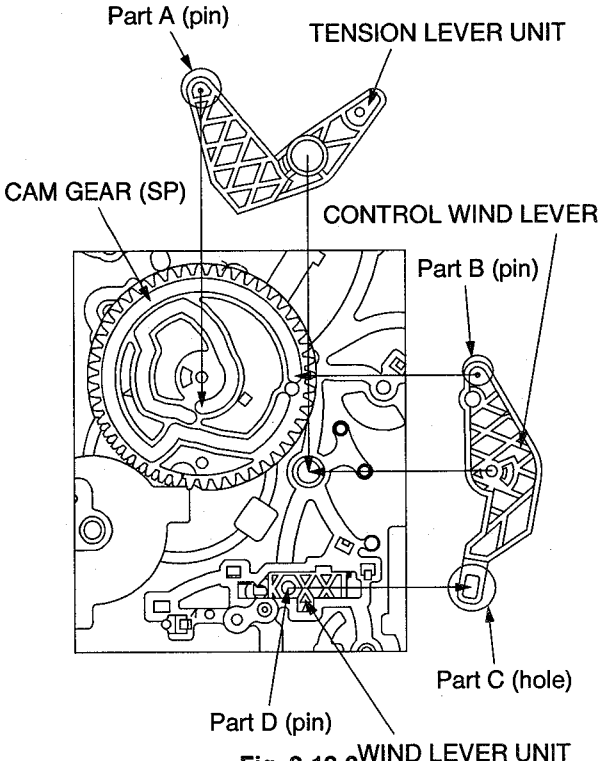
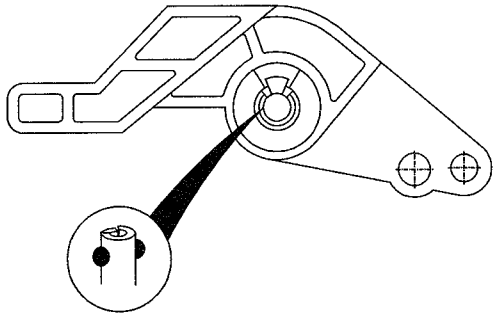


Fig. 2-18-3



Apply GREASE (MULTEMP SH-A) to the area ●.

Fig. 2-18-4

2-19 PHOTO GUIDE UNIT (SP), PHOTO GUIDE UNIT (TU)

Place the set upside down.

Before performing replacement in this paragraph, remove the following parts. Refer to the applicable paragraph for installation of each part.

- LOADING BELT (Para. 2-11)
- MODE HOLDER (Para. 2-17)
- REEL LOCK LEVER (Para. 2-17)
- MODE GEAR (Para. 2-17)
- WORM PULLEY UNIT (Para. 2-17)

(Removal)

1 Unfasten the catch (ⓐ) of the PHOTO GUIDE UNIT (SP) shown in Fig. 2-19-1 with tweezers, etc. and remove the PHOTO GUIDE UNIT (SP) in the direction shown by the arrow.

2 Remove the PHOTO GUIDE UNIT (TU) shown in Fig. 2-19-2 in the direction shown by the arrow.

(Installation)

1 Push the PHOTO GUIDE UNIT (TU) into the DECK to the bottom, with the part A shown in Fig. 2-19-2 toward the inside of DECK.

Note : Never touch the transparent part of the PHOTO GUIDE UNIT (TU).

2 Push the PHOTO GUIDE UNIT (SP) into the DECK so that the catch (ⓐ) is hooked, with the part A shown in Fig. 2-19-1 toward the inside of DECK.

Note : Never touch the transparent part of the PHOTO GUIDE UNIT (SP).

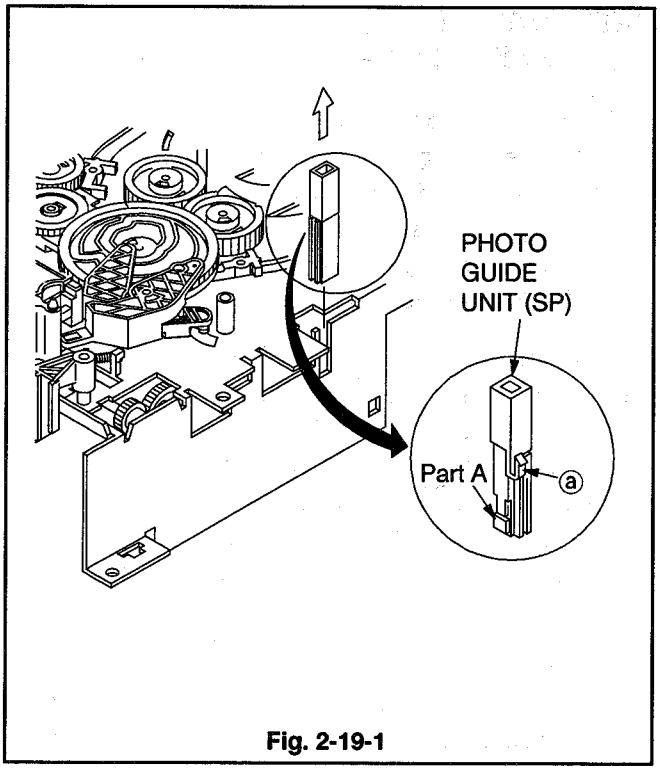


Fig. 2-19-1

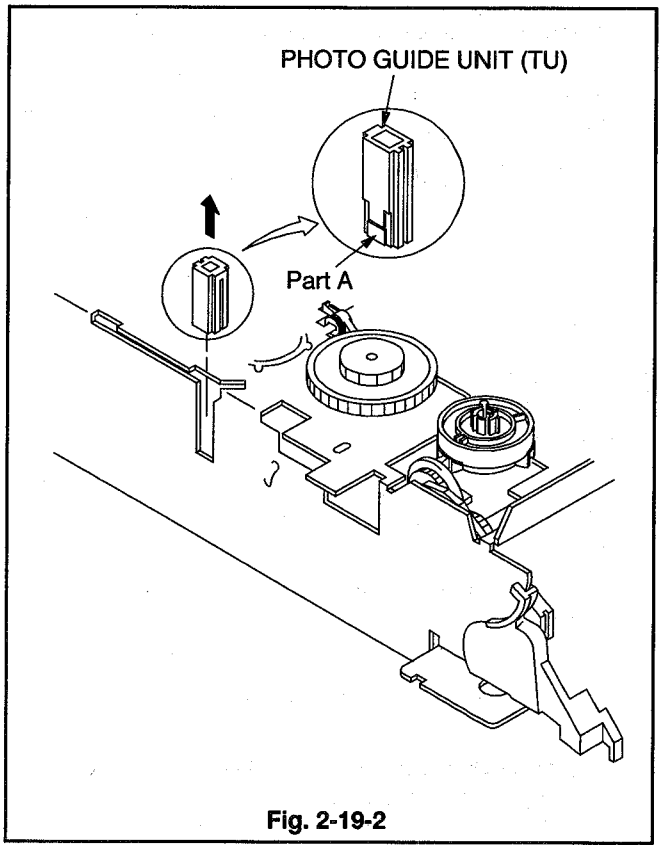


Fig. 2-19-2

2-20 LOADING GEAR, LAMP LOADING GEAR

Place the set upside down.
Before performing replacement in this paragraph, remove the following parts. Refer to the applicable paragraph for installation of each part.

- LAMP GUIDE (Para. 2-7)
- REEL BELT (Para. 2-15)

(Removal)

1 Unfasten the catch (ⓐ) on the surface of the LOADING GEAR shown in Fig. 2-20-1 with tweezers, etc. to remove the LOADING GEAR.
2 Unfasten the catch (ⓑ) on the surface of the LAMP LOADING GEAR shown in Fig. 2-20-1 with tweezers, etc. to remove the LAMP LOADING GEAR .

(Installation)

1 Apply GREASE (MULTEMP SH-A) [859D055O80] to the area specified in Fig. 2-20-2 on the new LAMP LOADING GEAR .
2 Install the LAMP LOADING GEAR shown in Fig. 2-20-1.
3 Apply GREASE (MULTEMP SH-A) [859D055O80] to the area specified in Fig. 2-20-2 on the new LOADING GEAR .
4 Install the LOADING GEAR shown in Fig. 2-20-1.

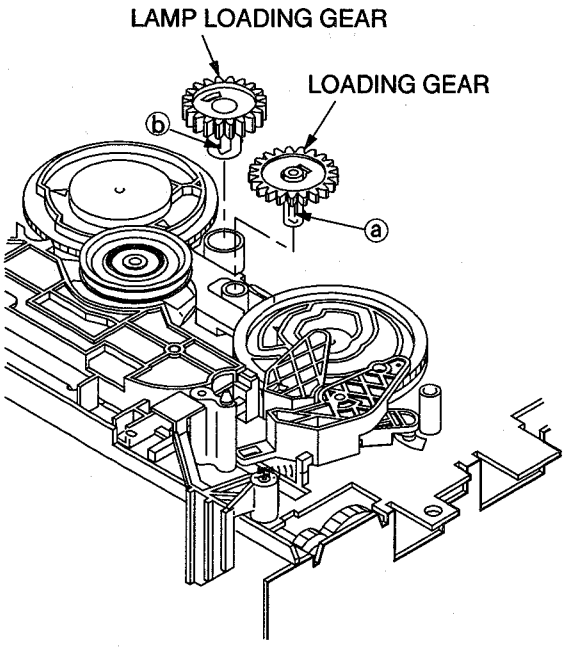


Fig. 2-20-1

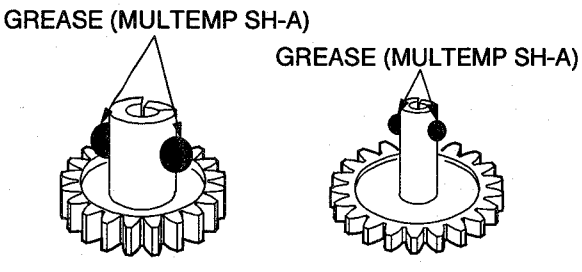


Fig. 2-20-2

2-21 CAM GEAR (TU)

Place the set upside down.
Before performing replacement in this paragraph, remove the following parts. Refer to the applicable paragraph for installation of each part.

- LOADING BELT (Para. 2-11)
- REEL BELT (Para. 2-15)
- CAPSTAN BRAKE SPRING (Para. 2-16)
- CAPSTAN BRAKE (Para. 2-16)
- MODE HOLDER (Para. 2-17)
- REEL LOCK LEVER (Para. 2-17)
- MODE GEAR (Para. 2-17)

(Removal)

1 Unfasten the catch (ⓐ) on the surface of the CAM GEAR (TU) shown in Fig. 2-21-1 with tweezers, etc. to remove the CAM GEAR (TU).

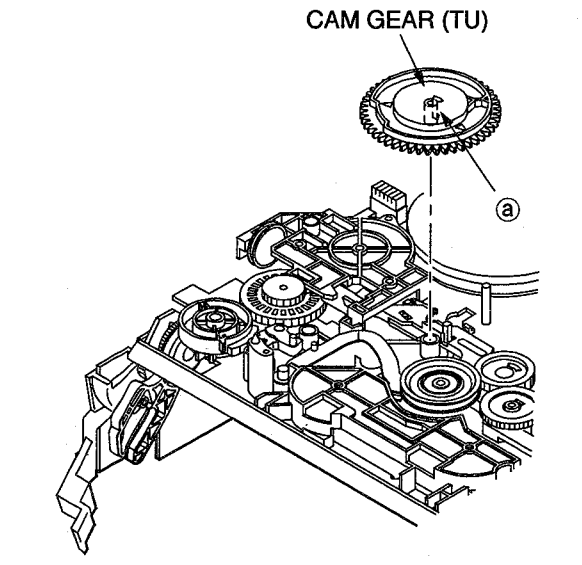


Fig. 2-21-1

(Installation)

1 Apply GREASE (MULTEMP SH-A) [859D055O80] to the area specified in Fig. 2-21-2 on the new CAM GEAR (TU).
2 Set the CAM GEAR (SP) shown in Fig. 2-21-3 so that the Δ mark on the part A of it points to the centre of the LOADING GEAR.
3 Install the CAM GEAR (TU) shown in Fig. 2-21-3 so that the Δ mark on the part B of it points to the centre of the LAMP LOADING GEAR.

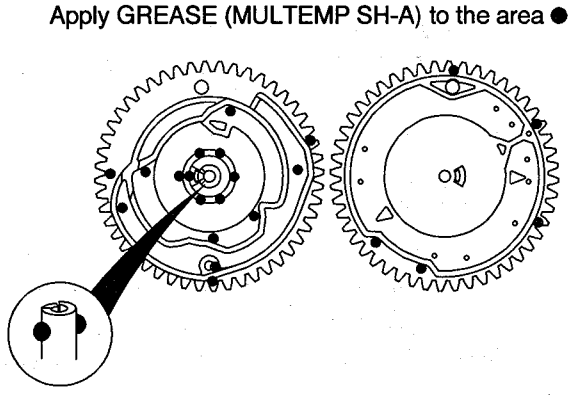


Fig. 2-21-2

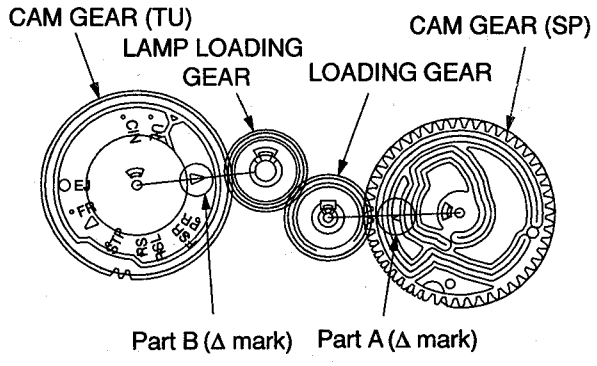


Fig. 2-21-3

2-22 PHOTO UNIT, REEL GEAR UNIT (TU), REEL GEAR UNIT (SP)

Place the set upside down.

(Removal)

1 Move the REC LEVER shown in Fig. 2-14 in the direction shown by arrow Ⓐ. Unfasten the two catches (ⓐ and ⓑ) of the PHOTO UNIT and the two catches (ⓒ and ⓓ) of the MAIN PLATE ASSY shown in Fig. 2-22-1 to remove the PHOTO UNIT.
2 Remove the REEL GEAR UNIT (TU) shown in Fig. 2-22-1.
3 Remove the REEL GEAR UNIT (SP) shown in Fig. 2-22-1.

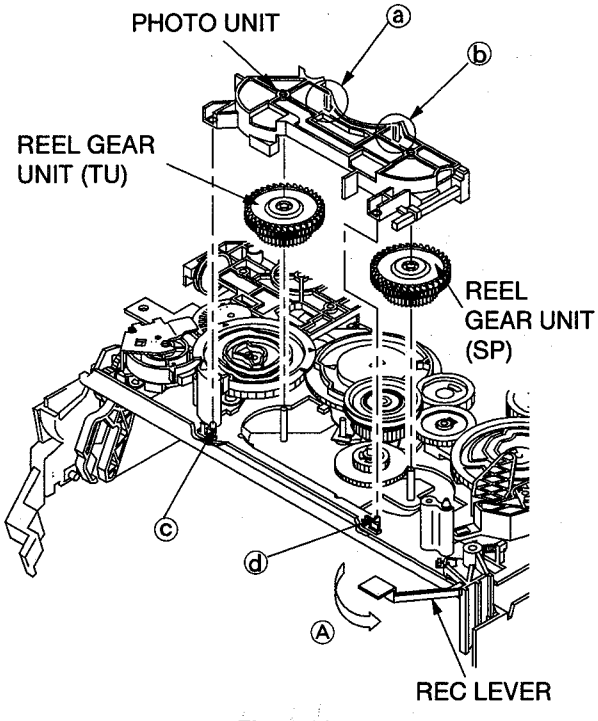


Fig. 2-22-1

(Installation)

1 Apply OIL (FLOIL 948P) [859D154O20] to the shaft shown in Fig. 2-22-2 in which the REEL GEAR UNIT (SP) of the MAIN PLATE ASSY is to enter.

2 Install the REEL GEAR UNIT (SP) shown in Fig. 2-22-2.

Note: Make sure the colour of the spring according to the table in Fig. 2-22-2 in installing the REEL GEAR UNIT (SP).

3 Apply OIL (FLOIL 948P) [859D154O20] to the shaft shown in Fig. 2-22-2 in which the REEL GEAR UNIT (TU) of the MAIN PLATE ASSY is to enter.

4 Install the REEL GEAR UNIT (TU) shown in Fig. 2-22-1.

Note: Make sure the colour of the spring according to the table in Fig. 2-22-2 in installing the REEL GEAR UNIT (TU).

5 Apply a small quantity of OIL (FLOIL 948P) [859D154O20] to the area specified in Fig. 2-22-3 on the new PHOTO UNIT.

6 Install the PHOTO UNIT shown in Fig. 2-22-1.

Part Name	Colour of Spring
REEL GEAR UNIT (SP)	Gold
REEL GEAR UNIT (TU)	Silver

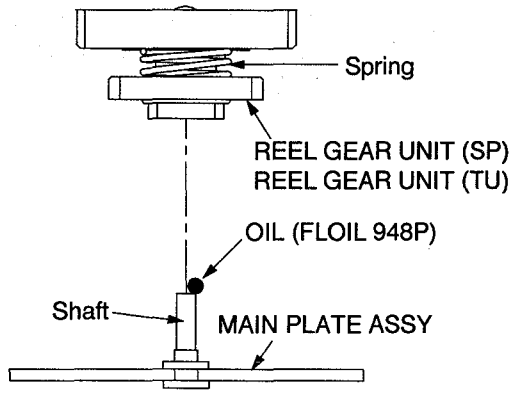


Fig. 2-22-2

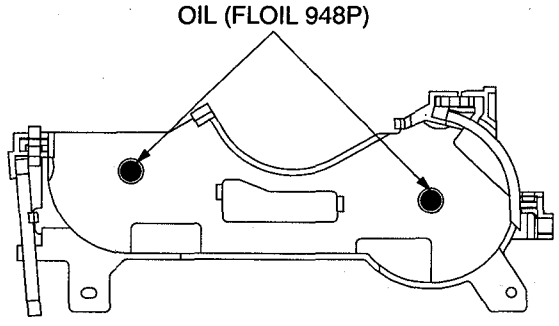


Fig. 2-22-3

2-23 IDLER CENTRE LEVER

Place the set upside down.
Before performing replacement in this paragraph, remove the following parts. Refer to the applicable paragraph for installation of each part.

- LOADING BELT (Para. 2-11)
- REEL BELT (Para. 2-15)
- CAPSTAN BRAKE SPRING (Para. 2-16)
- CAPSTAN BRAKE (Para. 2-16)
- MODE HOLDER (Para. 2-17)
- REEL LOCK LEVER (Para. 2-17)
- MODE GEAR (Para. 2-17)
- CAM GEAR (TU) (Para. 2-21)
- PHOTO UNIT (Para. 2-22)

(Removal)

1 Remove the IDLER CENTRE LEVER shown in Fig. 2-23-1.

(Installation)

1 Insert the part A of the IDLER CENTRE LEVER shown in Fig. 2-23-2 into the part B of the IDLER UNIT to install the IDLER CENTRE LEVER.

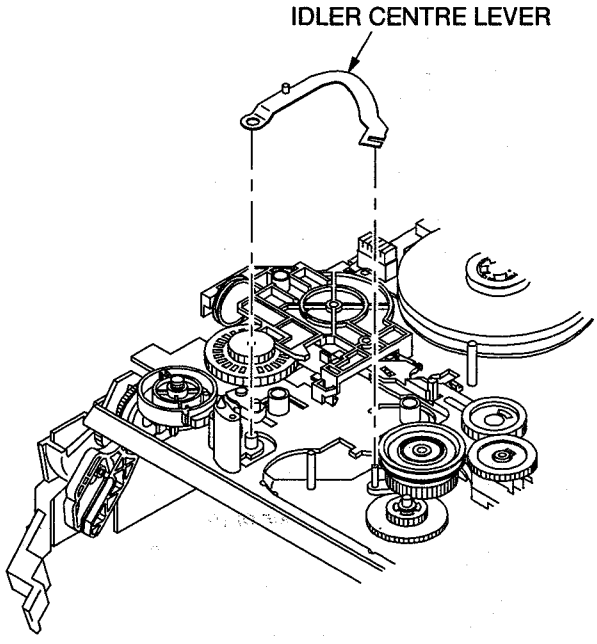


Fig. 2-23-1

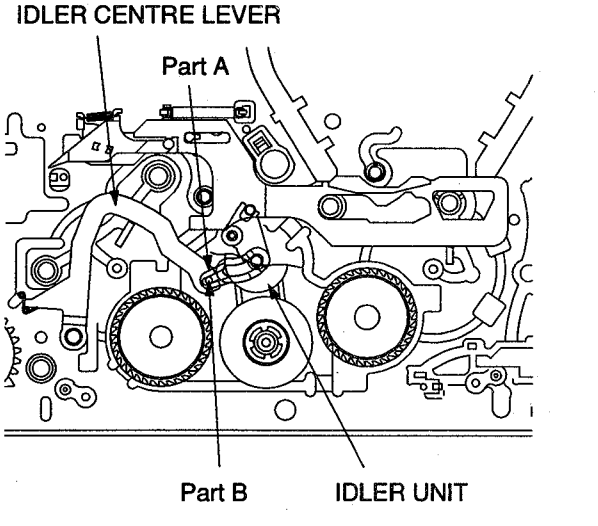


Fig. 2-23-2

2-24 PULLEY GEAR, IDLER UNIT

Place the set upside down.
Before performing replacement in this paragraph, remove the following parts. Refer to the applicable paragraph for installation of each part.

- LOADING BELT (Para. 2-11)
- REEL BELT (Para. 2-15)
- CAPSTAN BRAKE SPRING (Para. 2-16)
- CAPSTAN BRAKE (Para. 2-16)
- MODE HOLDER (Para. 2-17)
- REEL LOCK LEVER (Para. 2-17)
- MODE GEAR (Para. 2-17)
- CAM GEAR (TU) (Para. 2-21)
- PHOTO UNIT (Para. 2-22)
- IDLER CENTRE LEVER (Para. 2-23)

(Removal)

1 Remove the PULLEY GEAR shown in Fig. 2-24-1.
2 Remove the IDLER UNIT shown in Fig. 2-24-1.

(Installation)

1 Apply OIL (FLOIL 948P) [859D154O20] to the shaft shown in Fig. 2-24-1 in which the IDLER UNIT is to enter.
2 Apply OIL (FLOIL 948P) [859D154O20] to the area specified in Fig. 2-24-1 on the new IDLER UNIT .
3 Install the IDLER UNIT shown in Fig. 2-24-1.
4 Install the PULLEY GEAR shown in Fig. 2-24-1.

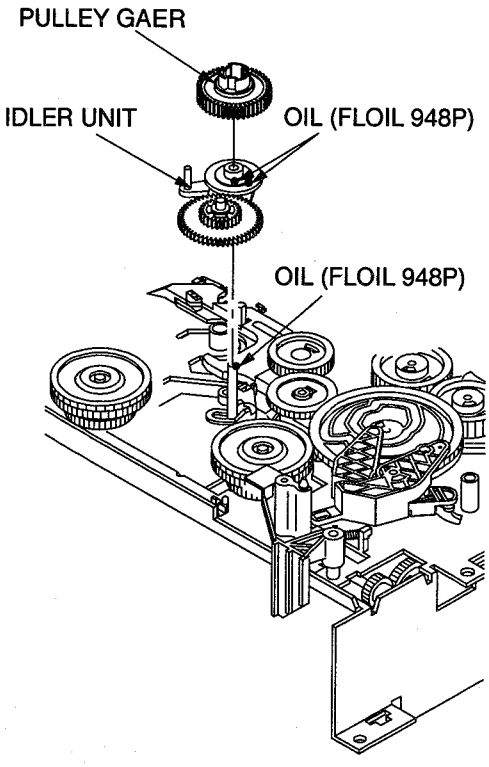


Fig. 2-24-1

2-25 F/L ARM UNIT (SP)

Position the set normally.
Before performing replacement in this paragraph, remove the following parts. Refer to the applicable paragraph for installation of each part.

- STAY PLATE (Para. 2-2)
- BOTTOM UNIT (Para. 2-3)

(Removal)

1 Fully move the F/L ARM UNIT (SP) in the direction shown by arrow Ⓐ as shown in Fig. 2-25-1.
2 Unfasten the catch (ⓐ) of the F/L ARM UNIT (SP) shown in Fig. 2-25-1 to remove the F/L ARM UNIT (SP).

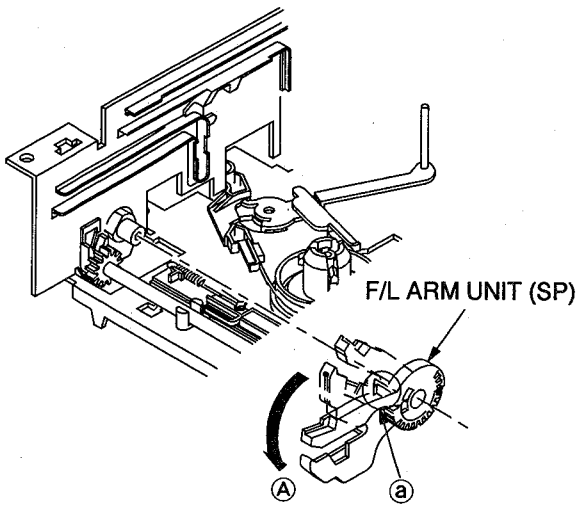


Fig. 2-25-1

(Installation)

1 Fully move the F/L ARM UNIT (TU) in the direction shown by arrow Ⓐ as shown in Fig. 2-26-1.
2 Install the F/L ARM UNIT (SP) so that the gear of the F/L ARM UNIT (SP) and that of the SYNC GEAR ASSY are engaged as shown in Fig. 2-25-2.

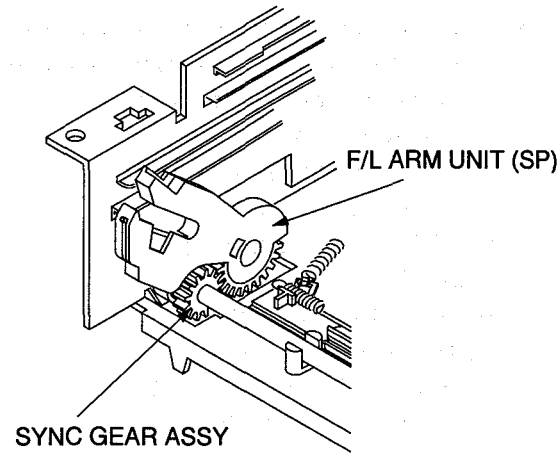


Fig. 2-25-2

2-26 F/L ARM UNIT (TU)

Position the set normally.
Before performing replacement in this paragraph, remove the following parts. Refer to the applicable paragraph for installation of each part.

- STAY PLATE (Para. 2-2)
- BOTTOM UNIT (Para. 2-3)
- LOADING BELT (Para. 2-11)
- MODE HOLDER (Para. 2-17)
- REEL LOCK LEVER (Para. 2-17)
- MODE GEAR (Para. 2-17)
- F/L DRIVE GEAR (Para. 2-17)
- F/L DRIVE LEVER (Para. 2-17)

(Removal)

1 Fully move the F/L ARM UNIT (TU) in the direction shown by arrow Ⓐ as shown in Fig. 2-26-1.
2 Unfasten the catch (ⓐ) of the F/L ARM UNIT (TU) shown in Fig. 2-26-1 to remove the F/L ARM UNIT (TU).

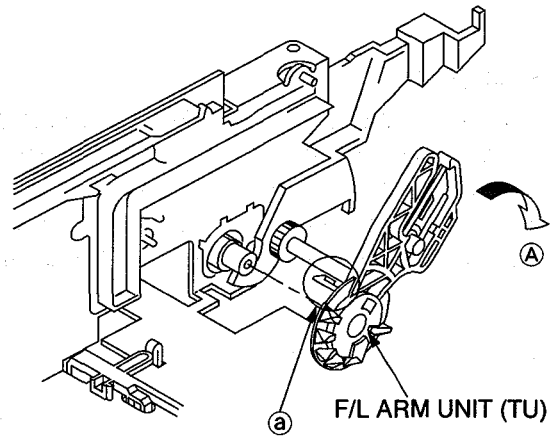


Fig. 2-26-1

(Installation)

1 Fully move the F/L ARM UNIT (SP) shown in Fig. 2-25-1 in the direction shown by arrow Ⓐ.
2 Install the F/L ARM UNIT (TU) in the position shown in Fig. 2-26-2.

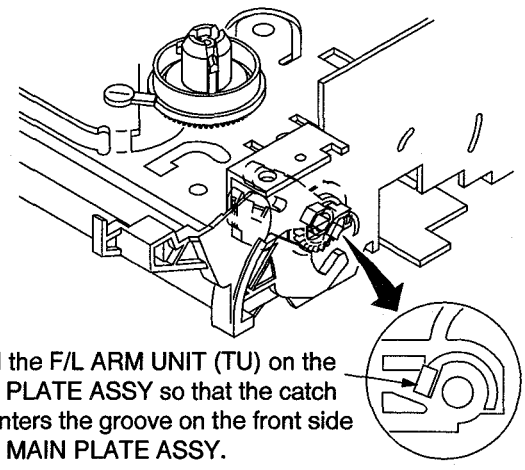


Fig. 2-26-2

2-27 SYNC GEAR ASSY

Position the set normally.

Before performing replacement in this paragraph, remove the following parts. Refer to the applicable paragraph for installation of each part.

- STAY PLATE (Para. 2-2)
- BOTTOM UNIT (Para. 2-3)
- LOADING BELT (Para. 2-11)
- MODE HOLDER (Para. 2-17)
- REEL LOCK LEVER (Para. 2-17)
- MODE GEAR (Para. 2-17)
- F/L DRIVE GEAR (Para. 2-17)
- F/L ARM UNIT (SP) (Para. 2-25)
- F/L ARM UNIT (TU) (Para. 2-26)

(Removal)

1 Unfasten the catch (ⓐ) of the MAIN PLATE ASSY as shown in Fig. 2-27-1. Move the SYNC GEAR ASSY in the direction shown by the arrow Ⓐ to remove it.

(Installation)

1 Apply GREASE (MULTEMP SH-A) [859D055O80] to the area specified in Fig. 2-27-2 on the MAIN PLATE ASSY.

2 Move the SYNC GEAR ASSY shown in Fig. 2-27-1 in the opposite direction against the arrow Ⓐ to install it.

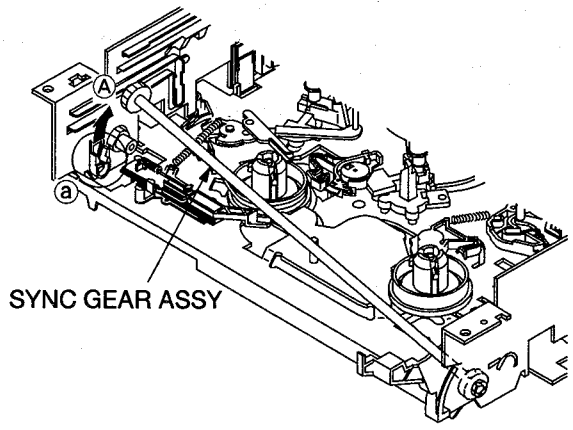


Fig. 2-27-1

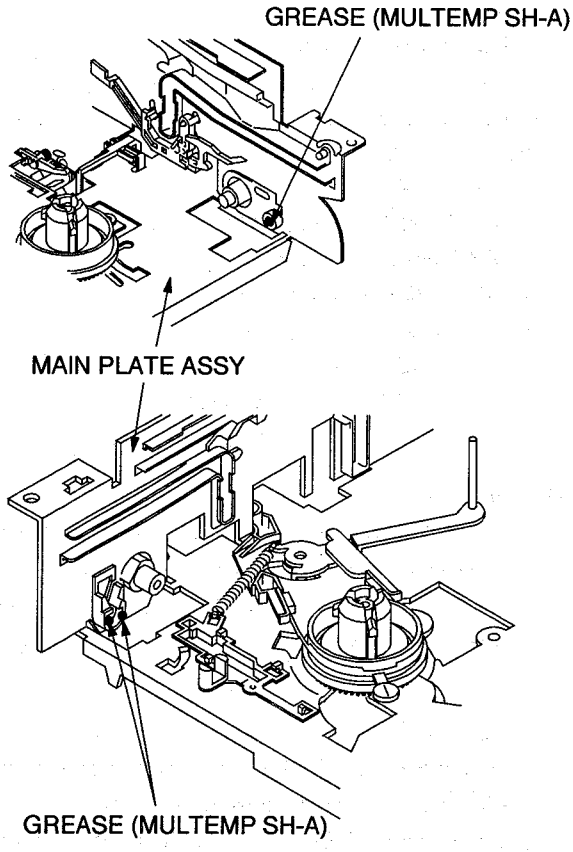


Fig. 2-27-2

2-28 F/L DOOR ARM

Position the set normally.
Before performing replacement in this paragraph, remove the following parts. Refer to the applicable paragraph for installation of each part.

- STAY PLATE (Para. 2-2)
- BOTTOM UNIT (Para. 2-3)
- LOADING BELT (Para. 2-11)
- MODE HOLDER (Para. 2-17)
- REEL LOCK LEVER (Para. 2-17)
- MODE GEAR (Para. 2-17)
- F/L DRIVE GEAR (Para. 2-17)
- F/L ARM UNIT (SP) (Para. 2-25)
- F/L ARM UNIT (TU) (Para. 2-26)
- SYNC GEAR ASSY (Para. 2-27)

(Removal)

1 Remove the F/L DOOR ARM shown in Fig. 2-28.

(Installation)

1 Install the F/L DOOR ARM shown in Fig. 2-28.

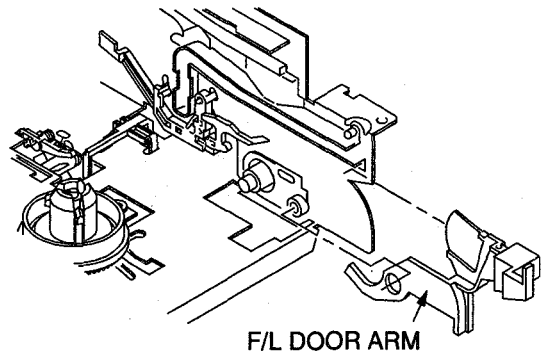


Fig. 2-28

2-29 WIND LEVER UNIT

Position the set normally.
Before performing replacement in this paragraph, remove the following parts. Refer to the applicable paragraph for installation of each part.

- STAY PLATE (Para. 2-2)
- BOTTOM UNIT (Para. 2-3)
- CONTROL WIND LEVER (Para. 2-18)

(Removal)

1 Move the WIND LEVER UNIT in the direction shown by the arrow to remove it as shown in Fig. 2-29-1.

(Installation)

1 Apply GREASE (MULTEMP SH-A) [859D055O80] to the area specified in Fig. 2-29-2 on the MAIN PLATE ASSY.

2 Set the WIND LEVER UNIT so that each of three notches (Ⓐ, Ⓑ and Ⓒ) on it respectively matches with the corresponding catch (ⓐ, ⓑ and ⓒ) of the MAIN PLATE ASSY as shown in Fig. 2-29-1. Move the WIND LEVER UNIT in the opposite direction to the arrow to install it.

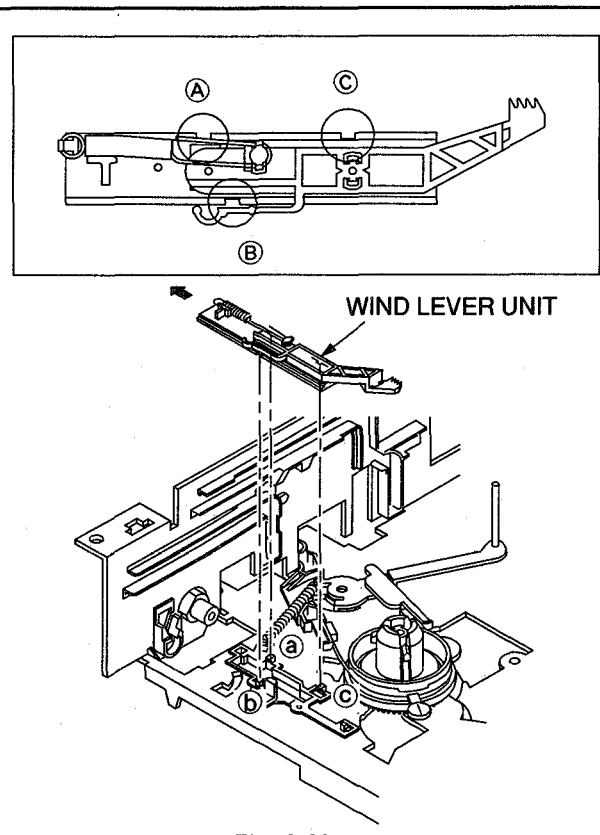
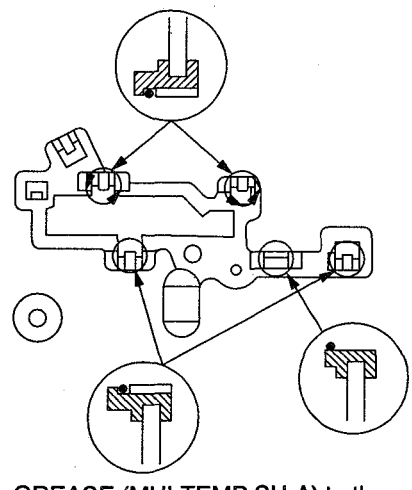


Fig. 2-29-1



Apply GREASE (MULTEMP SH-A) to the area ● .

Fig. 2-29-2

2-30 LOADING LOCK SPRING, LOADING LOCK LEVER

Position the set normally.

Before performing replacement in this paragraph, remove the following parts. Refer to the applicable paragraph for installation of each part.

- MODE POSITION GUIDE (Para. 2-7)
- LOADING BELT (Para. 2-11)
- MODE HOLDER (Para. 2-17)
- REEL LOCK LEVER (Para. 2-17)
- MODE GEAR (Para. 2-17)
- WORM PULLEY UNIT (Para. 2-17)

(Removal)

1 Remove the part A of the LOADING LOCK SPRING shown in Fig. 2-30-1 through the hole of the MAIN PLATE ASSY.

2 Move the LOADING LOCK LEVER in the direction shown by arrow Ⓐ with pushing the part B of it to remove the LOADING LOCK LEVER and LOADING LOCK SPRING as shown in Fig. 2-30-1.

(Installation)

1 Attach the LOADING LOCK SPRING shown in Fig. 2-30-2 to the LOADING LOCK LEVER.

2 Move the part A of the LOADING LOCK SPRING shown in Fig. 2-30-2 in the direction shown by arrow Ⓑ. Hook the part A of the LOADING LOCK SPRING on the catch of the part B of the LOADING LOCK LEVER.

3 Install the LOADING LOCK LEVER with the LOADING LOCK SPRING attached shown in Fig. 2-30-1 on the MAIN PLATE ASSY.

4 Insert the part A of the LOADING LOCK SPRING shown in Fig. 2-30-1 into the hole of the LOADING LOCK SPRING.

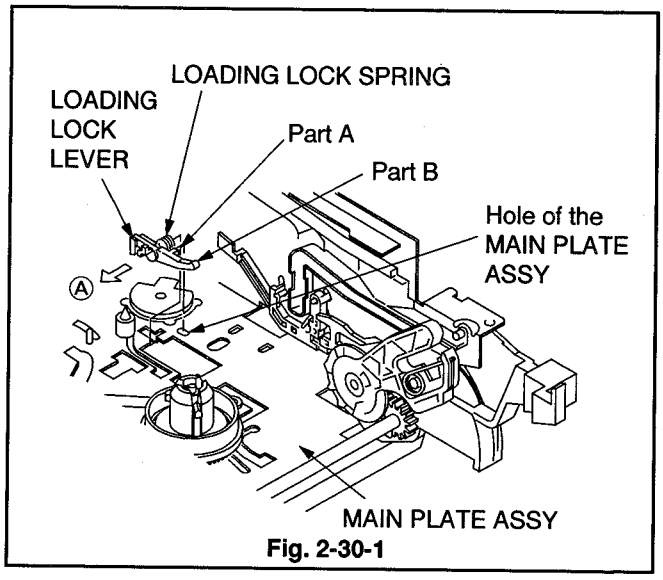


Fig. 2-30-1

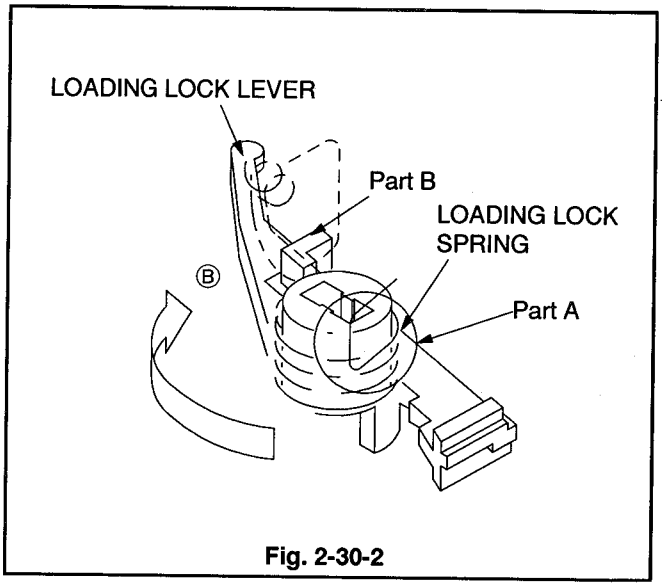


Fig. 2-30-2

2-31 CAPSTAN MOTOR

Place the set upside down.
Before performing replacement in this paragraph, remove the following part. Refer to the applicable paragraph for installation the part.

- REEL BELT (Para. 2-15)

(Removal)

1 Unscrew the three CAPSTAN MOTOR fastening screws (ⓐ, ⓑ and ⓒ) shown in Fig. 2-31-1 to remove the CAPSTAN MOTOR.

(Installation)

1 Set the CAPSTAN MOTOR in the position shown in Fig. 2-31-2 to install it.

Note : Take care not to damage the shaft of the CAPSTAN MOTOR during installation.

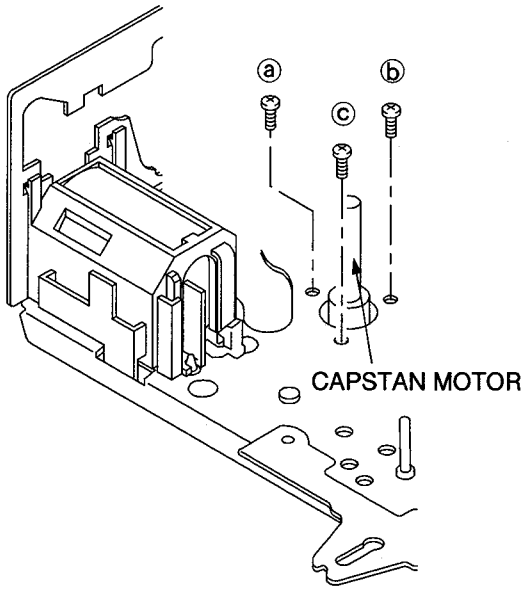


Fig. 2-31-1

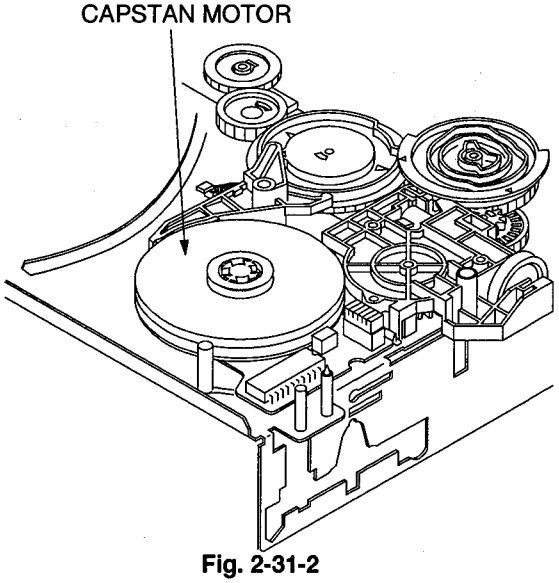


Fig. 2-31-2

2-32 CAM GEAR (SP)

Place the set upside down.
Before performing replacement in this paragraph, remove the following parts. Refer to the applicable paragraph for installation of each part.

- CONTROL WIND LEVER (Para. 2-18)
- TENSION LEVER UNIT (Para. 2-18)
- LOADING GEAR (Para. 2-20)

(Removal)

1 Unfasten the catch (ⓐ) on the surface of the CAM GEAR (SP) shown in Fig. 2-32-1 with tweezers, etc. to remove the CAM GEAR (SP).

(Installation)

1 Apply GREASE (MULTEMP SH-A) [859D055O80] to the area specified in Fig. 2-32-2 on the new CAM GEAR (SP).
2 Set the CAM GEAR (TU) shown in Fig. 2-32-3 so that the Δ mark on the part B points to the centre of the LAMP LOADING GEAR.
3 Set the CAM GEAR (SP) shown in Fig. 2-32-3 so that the Δ mark on the part A points to the centre of the boss into which the LOADING GEAR is to enter and install it.

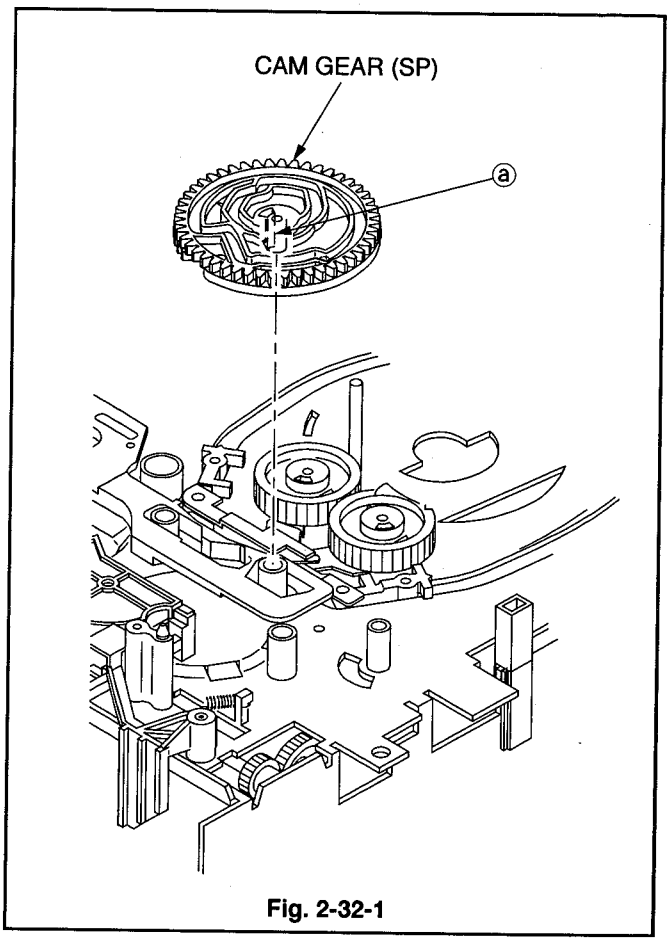
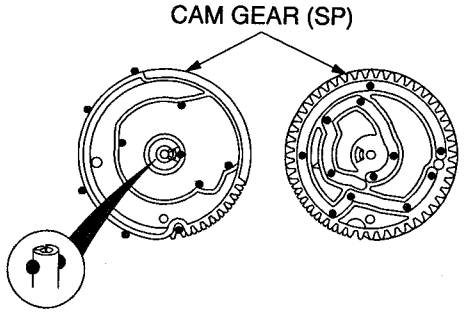


Fig. 2-32-1



Apply GREASE (MULTEMP SH-A) to the area ● .

Fig. 2-32-2

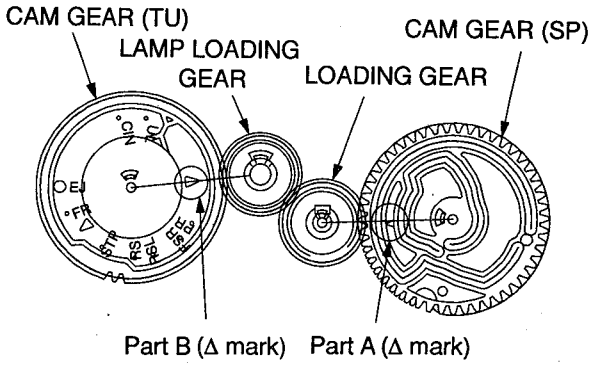


Fig. 2-32-3

2-33 LOADING ARM UNIT (TU), LOADING ARM UNIT (SP)

Place the set upside down.

Before performing replacement in this paragraph, remove the following parts. Refer to the applicable paragraph for installation of each part.

- CONTROL WIND LEVER (Para. 2-18)
- TENSION LEVER UNIT (Para. 2-18)
- LOADING GEAR (Para. 2-20)
- CAM GEAR (SP) (Para. 2-32)

(Removal)

1 Unscrew the two MAIN PLATE SUPPORT fastening screws (ⓐ and ⓑ) shown in Fig. 2-33-1 to remove the MAIN PLATE SUPPORT.

2 Move the TAPE GUIDE ASSY (SP) and TAPE GUIDE ASSY (TU) shown in Fig. 2-33-1 fully to the loading position.

3 Unfasten the catch (ⓒ) on the surface of the LOADING ARM UNIT (TU) shown in Fig. 2-33-1 with tweezers, etc. to remove the LOADING ARM UNIT (TU).

4 Unfasten the catch (ⓓ) on the surface of the LOADING ARM UNIT (SP) shown in Fig. 2-33-1 with tweezers, etc. to remove the LOADING ARM UNIT (SP).

(Installation)

1 Apply GREASE (MULTEMP SH-A) [859D055O80] to the area specified in Fig. 2-33-2 on the new LOADING ARM UNIT (SP).

2 Install the LOADING ARM UNIT (SP) shown in Fig. 2-33-1.

3 Apply GREASE (MULTEMP SH-A) [859D055O80] to the area specified in Fig. 2-33-2 on the new LOADING ARM UNIT (TU).

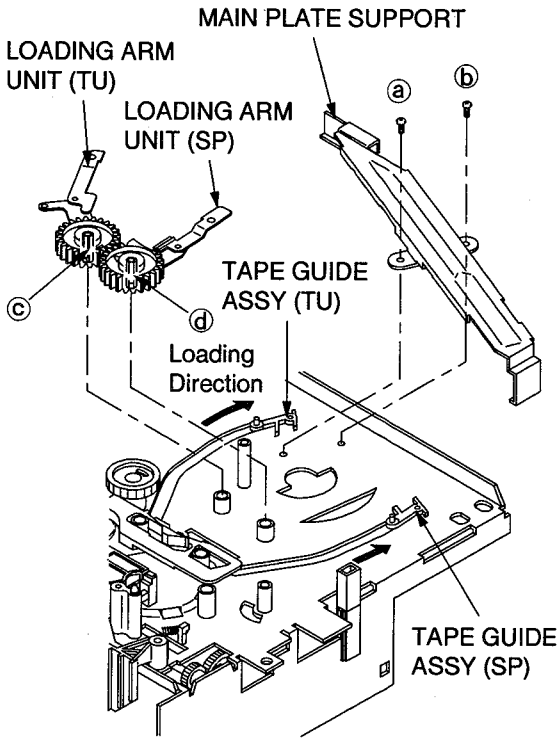


Fig. 2-33-1

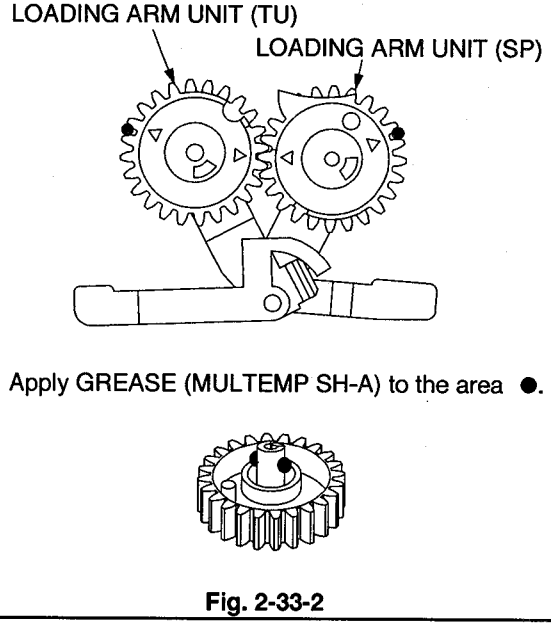


Fig. 2-33-2

4 Set the LOADING ARM UNIT (TU) shown in Fig. 2-33-3 so that the Δ mark of it matches with the Δ mark of the LOADING ARM UNIT (SP) and install it.
5 Move the TAPE GUIDE ASSY (SP) and TAPE GUIDE ASSY (TU) shown in Fig. 2-33-1 fully to the unloading position.
6 Install the MAIN PLATE SUPPORT shown Fig. 2-33-1.

2-34 CAM SPRING (C), CAM PLATE UNIT (C)

Place the set upside down.
Before performing replacement in this paragraph, remove the following parts. Refer to the applicable paragraph for installation of each part.

- LAMP GUIDE (Para. 2-7)
- LOADING BELT (Para. 2-11)
- REEL BELT (Para. 2-15)
- CAPSTAN BRAKE SPRING (Para. 2-16)
- CAPSTAN BRAKE (Para. 2-16)
- MODE HOLDER (Para. 2-17)
- REEL LOCK LEVER (Para. 2-17)
- MODE GEAR (Para. 2-17)
- WORM PULLEY UNIT (Para. 2-17)
- CONTROL WIND LEVER (Para. 2-18)
- TENSION LEVER UNIT (Para. 2-18)
- LOADING GEAR (Para. 2-20)
- LAMP LOADING GEAR (Para. 2-20)
- CAM GEAR (TU) (Para. 2-21)
- CAM GEAR (SP) (Para. 2-32)

(Removal)

1 Move the TAPE GUIDE ASSY (SP) and TAPE GUIDE ASSY (TU) shown in Fig. 2-33-1 fully to the loading position.
2 Remove the CAM SPRING (C) shown in Fig. 2-34-1.
3 Move the CAM PLATE UNIT (C) in the direction shown by arrow Ⓐ to remove it as shown in Fig. 2-34-1.

(Installation)

1 Apply GREASE (MULTEMP SH-A) [859D055O80] to the area specified in Fig. 2-34-2 on the new CAM PLATE UNIT (C).

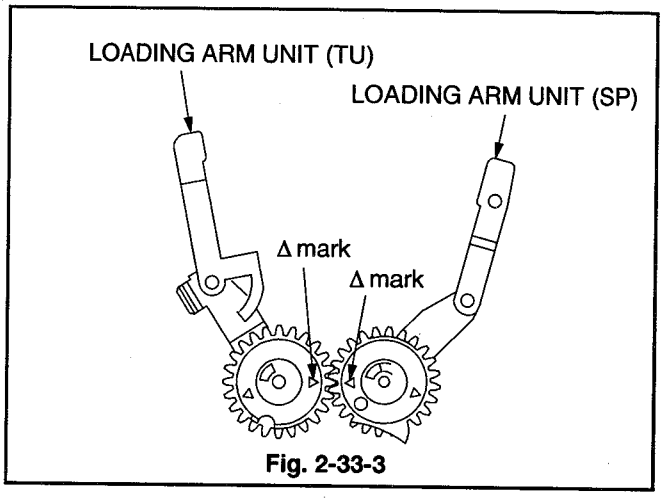


Fig. 2-33-3

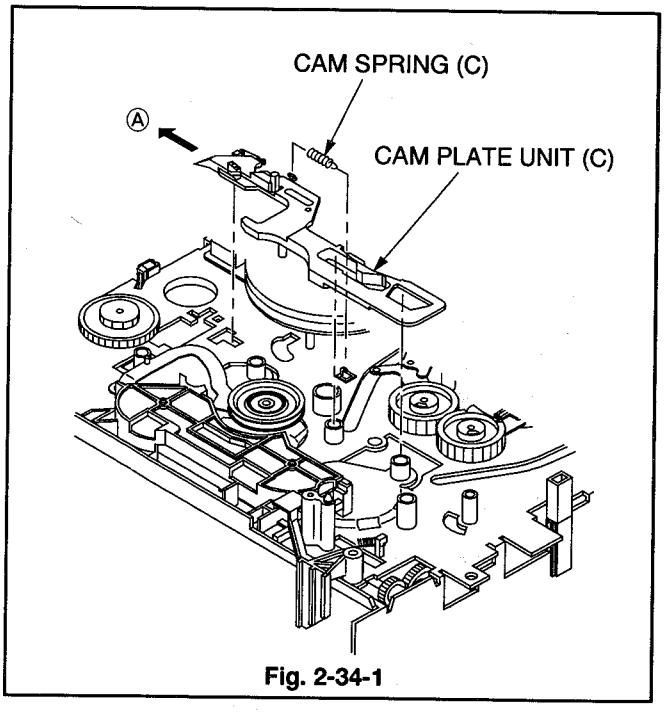
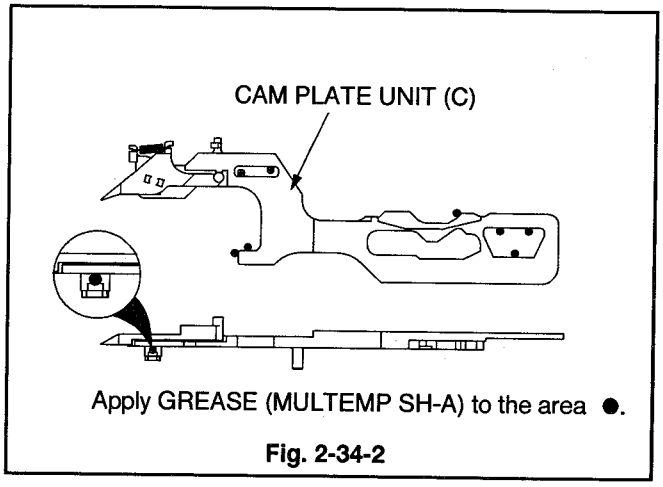


Fig. 2-34-1



Apply GREASE (MULTEMP SH-A) to the area ●.
Fig. 2-34-2

2 Install the CAM PLATE UNIT (C) shown in Fig. 2-34-3 so that the pin (ⓐ) of it enters the part A of the SHIFT LEVER.
3 Install the CAM SPRING (C) shown in Fig. 2-34-1.
4 Move the TENSION ARM shown in Fig. 2-34-4 fully to the direction shown by the arrow. Move the TAPE GUIDE ASSY (SP) and TAPE GUIDE ASSY (TU) shown in Fig. 2-33-1 fully to the unloading position.

2-35 TAPE GUIDE ASSY (SP), TAPE GUIDE ASSY (TU)

Place the set upside down.
Before performing replacement in this paragraph, remove the following parts. Refer to the applicable paragraph for installation of each part.

- LAMP GUIDE (Para. 2-7)
- LOADING BELT (Para. 2-11)
- REEL BELT (Para. 2-15)
- CAPSTAN BRAKE SPRING (Para. 2-16)
- CAPSTAN BRAKE (Para. 2-16)
- MODE HOLDER (Para. 2-17)
- REEL LOCK LEVER (Para. 2-17)
- MODE GEAR (Para. 2-17)
- WORM PULLEY UNIT (Para. 2-17)
- CONTROL WIND LEVER (Para. 2-18)
- TENSION LEVER UNIT (Para. 2-18)
- LOADING GEAR (Para. 2-20)
- LAMP LOADING GEAR (Para. 2-20)
- CAM GEAR (TU) (Para. 2-21)
- CAM GEAR (SP) (Para. 2-32)
- LOADING ARM UNIT (TU) (Para. 2-33)
- LOADING ARM UNIT (SP) (Para. 2-33)
- CAM SPRING (C) (Para. 2-33)
- CAM PLATE UNIT (C) (Para. 2-34)

(Removal)

1 Move the TAPE GUIDE ASSY (SP) shown in Fig. 2-35-1 fully to the unloading position to remove it.
2 Move the TAPE GUIDE ASSY (TU) shown in Fig. 2-35-1 fully to the unloading position to remove it.

(Installation)

1 Apply GREASE (MULTEMP SH-A) [859D055O80] to the area specified in Fig. 2-35-2 on the MAIN PLATE ASSY .
2 Install the TAPE GUIDE ASSY (TU) shown in Fig. 2-35-1.
3 Install the TAPE GUIDE ASSY (SP) shown in Fig. 2-35-1.
4 Perform adjustments from "GUIDE ROLLER Adjustment" in Item 3-2-1 to "Check of FM Waveform Flatness" in Item 3-2-5 of "Interchangeability Adjustment of the Mechanism".

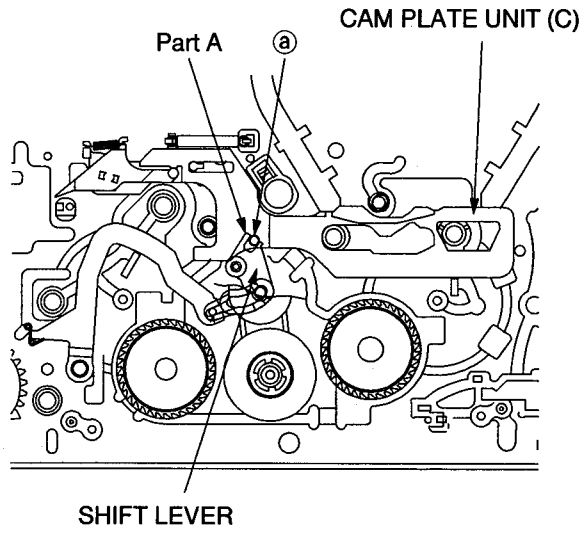


Fig. 2-34-3

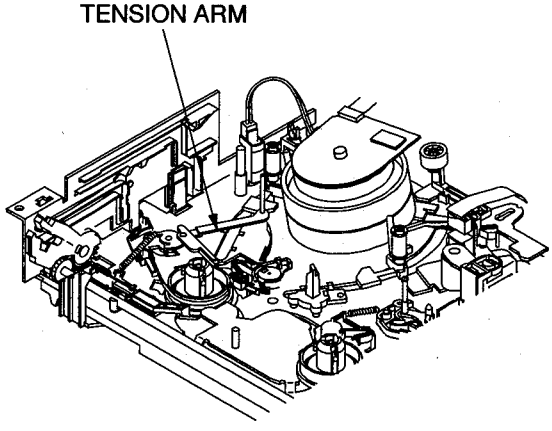


Fig. 2-34-4

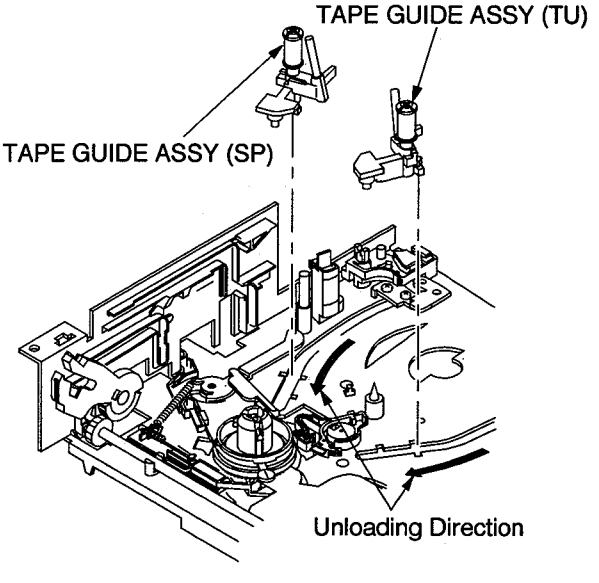


Fig. 2-35-1

2-36 GUIDE ROLLER (SP), GUIDE ROLLER (TU)

(Removal)

1 Loosen the GUIDE ROLLER (SP) fastening screw (ⓐ) with a L SHAPED BOX DRIVER (859C433O70) so that the GUIDE ROLLER (SP) shown in Fig. 2-36-1 lightly turns.
2 Counter-clockwise turn the height adjustment screw (ⓑ) at the top of the GUIDE ROLLER (SP) shown in Fig. 2-36-1 with a height adjustment screw driver to remove the GUIDE ROLLER (SP).
3 Loosen the GUIDE ROLLER (TU) fastening screw (ⓒ) so that the GUIDE ROLLER (TU) shown in Fig. 2-36-1 lightly turns.
4 Counter-clockwise turn the height adjustment screw (ⓓ) at the top of the GUIDE ROLLER (TU) shown in Fig. 2-36-1 with an Adjustment Driver (859C259O80) to remove the GUIDE ROLLER (TU).

(Installation)

1 Insert the GUIDE ROLLER (TU) shown in Fig. 2-36-1 into the installation hole on the TAPE GUIDE ASSY (TU).
2 Clockwise turn the height adjustment screw (ⓓ) at the top of the GUIDE ROLLER (TU) shown in Fig. 2-36-2 with an Adjustment Driver (859C259O80) so that the GUIDE ROLLER (TU) is at a height of 25.2 mm above the reference plane.
3 Lightly screw the GUIDE ROLLER (TU) fastening screw (ⓒ) shown in Fig. 2-36-1.
4 Insert the GUIDE ROLLER (SP) shown in Fig. 2-36-1 into the installation hole on the TAPE GUIDE ASSY (SP).
5 Clockwise turn the height adjustment screw (ⓑ) at the top of the GUIDE ROLLER (SP) shown in Fig. 2-36-2 with an Adjustment Driver (859C259O80) so that the GUIDE ROLLER (SP) is at a height of 25.1 mm above the reference plane.
6 Lightly screw the GUIDE ROLLER (SP) fastening screw (ⓐ) shown in Fig. 2-36-1.
7 Perform "Check and Adjustment of the FM Envelope" in Para. 3-2 of "Interchangeability Adjustment of the Mechanism".
8 Clean the GUIDE ROLLER (SP) and GUIDE ROLLER (TU) with DRY GAUZE.

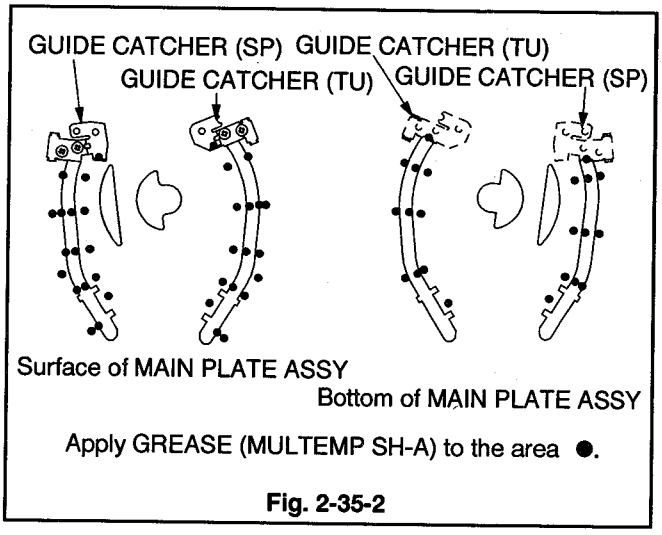


Fig. 2-35-2

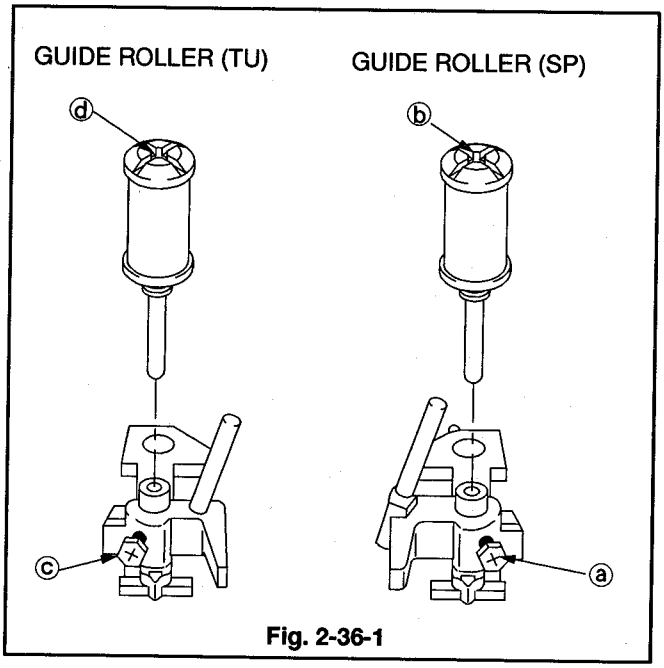


Fig. 2-36-1

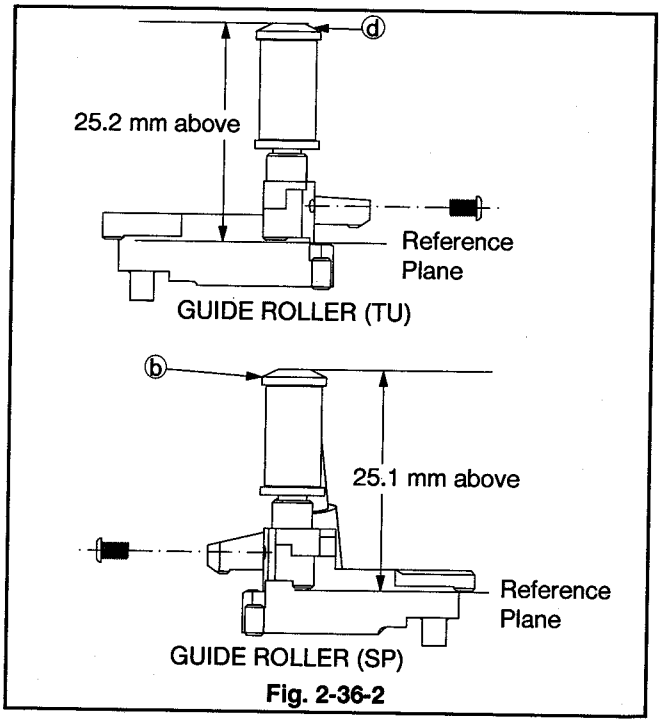


Fig. 2-36-2

2-37 DRUM CLAMPER, DRUM ASSY

(Removal)

1 Disconnect the CARD LEAD WIRE of the DRUM ASSY shown in Fig. 2-37-1.
2 Unscrew the two DRUM CLAMPER fastening screws (ⓐ and ⓑ) shown in Fig. 2-37-1 to remove the DRUM ASSY with the DRUM CLAMPER attached.
3 Move the DRUM CLAMPER in the direction shown by the arrow to remove it from the DRUM ASSY as shown in Fig. 2-37-2.
4 If the product is provided with the SHIM shown in Fig. 2-37-1, remove and scrap it.

(Installation)

Note : When replacing the DRUM ASSY, do not install the SHIM.

1 Attach the DRUM CLAMPER shown in Fig. 2-37-2 to the DRUM ASSY.
2 Install the DRUM ASSY with the DRUM CLAMPER attached shown in Fig. 2-37-1 on the MAIN PLATE ASSY.

Note : In installing the DRUM CLAMPER shown in Fig. 2-37-1, first install the screw ⓑ and then install the screw ⓐ.

3 Connect the CARD LEAD WIRE of the DRUM ASSY shown in Fig. 2-37-1.
4 Perform adjustment of "Playback Switching Point" described in ELECTRICAL ADJUSTMENTS.
5 Perform "Interchangeability Adjustment of the Mechanism".
6 Clean the DRUM ASSY shown in Fig. 2-37-1 with alcohol.

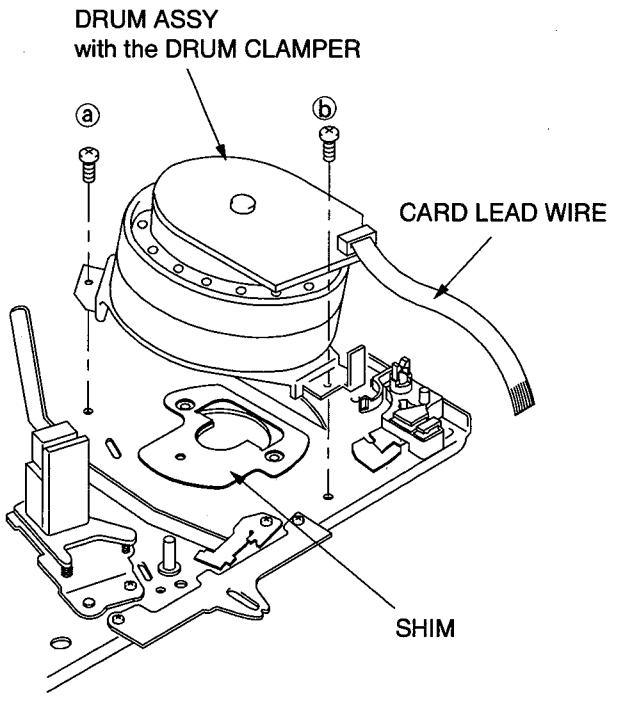


Fig. 2-37-1

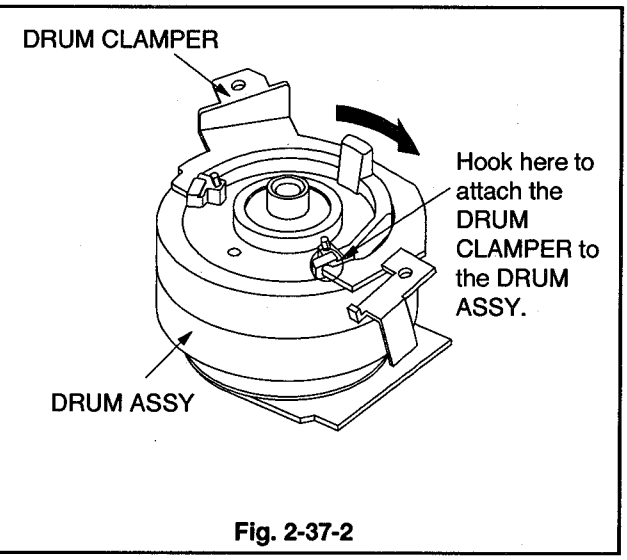


Fig. 2-37-2

2-38 DRUM MOTOR STATOR, BRUSH SPRING, ROTOR CASE, END RING, BRUSH, UPPER DRUM ASSY, SPACER

Position the set normally.

(Removal)

1 Disconnect the CARD LEAD WIRE of the DRUM ASSY shown in Fig. 2-38-1.
2 Unscrew the two DRUM MOTOR STATOR fastening screws (ⓐ and ⓑ) shown in Fig. 2-38-1 to remove the DRUM MOTOR STATOR.
3 Unscrew the two ROTOR CASE fastening screws (ⓒ and ⓓ) shown in Fig. 2-38-1 to remove the ROTOR CASE.
4 Loosen the END RING fastening screw (ⓔ) [hexagon screw] shown in Fig. 2-38-1 to remove the END RING.
5 Remove the BRUSH SPRING shown in Fig. 2-38-1.
6 Remove the BRUSH shown in Fig. 2-38-1.
7 Remove the UPPER DRUM ASSY shown in Fig. 2-38-1.
8 Remove the SPACER shown Fig. 2-38-1.

(Installation)

1 Install the SPACER shown in Fig. 2-38-1.

Note : Do not use any other SPACER than the one enclosed with the new UPPER DRUM ASSY for replacement.

2 Install the UPPER DRUM ASSY shown in Fig. 2-38-1.
3 Install the END RING shown in Fig. 2-38-1 so that the reference hole (Ⓐ) of the END RING is located in parallel with the rear line of the MAIN PLATE ASSY shown in Fig. 2-38-2.
(Install the reference hole (Ⓐ) to the right of the rear MAIN PLATE ASSY.)
4 Apply screw sealing agent to the END RING fastening screw (ⓔ) [hexagon screw] shown in Fig. 2-38-1.

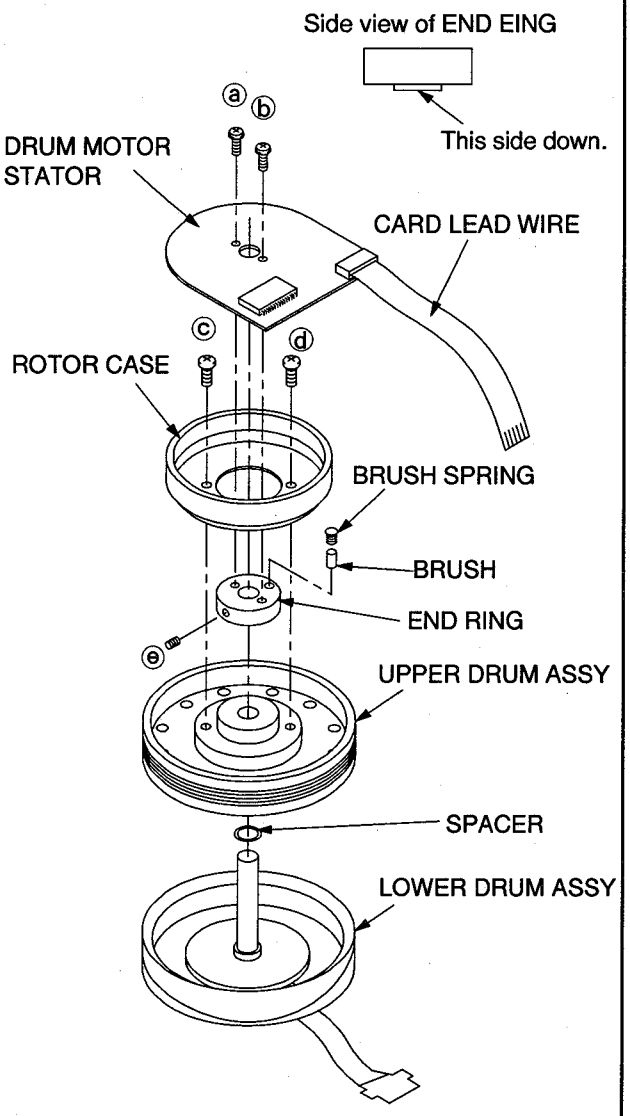


Fig. 2-38-1

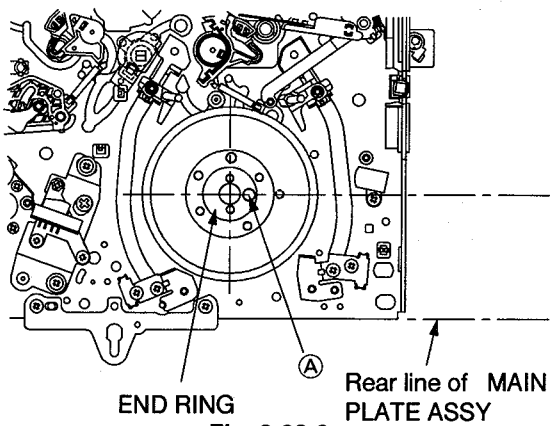


Fig. 2-38-2

5 Install the ROTOR CASE shown in Fig. 2-38-1 so that the reference holes (Ⓐ) match each other at three points between the ROTOR CASE shown in Fig. 2-38-3 and the UPPER DRUM ASSY.
6 Install the BRUSH shown in Fig. 2-38-1.
7 Install the BRUSH SPRING shown in Fig. 2-38-1.
8 Install the DRUM MOTOR STATOR shown in Fig. 2-38-1.
9 Connect the CARD LEAD WIRE of the DRUM ASSY shown in Fig. 2-38-1.
10 Perform adjustment of "Playback Switching Point" described in ELECTRICAL ADJUSTMENTS of applicable service manual.
11 Perform "Interchangeability Adjustments of the Mechanism".
12 Clean the DRUM ASSY with alcohol.

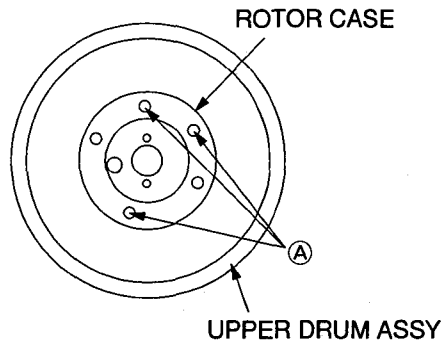


Fig. 2-38-3

2-39 SHIFT LEVER

Place the set upside down.
Before performing replacement in this paragraph, remove the following parts. Refer to the applicable paragraph for installation of each part.

- LAMP GUIDE (Para. 2-7)
- LOADING BELT (Para. 2-11)
- REEL BELT (Para. 2-15)
- CAPSTAN BRAKE SPRING (Para. 2-16)
- CAPSTAN BRAKE (Para. 2-16)
- BELT PULLEY (Para. 2-15)
- SHIFT SPRING (Para. 2-15)
- MODE HOLDER (Para. 2-17)
- REEL LOCK LEVER (Para. 2-17)
- MODE GEAR (Para. 2-17)
- WORM PULLEY UNIT (Para. 2-17)
- CONTROL WIND LEVER (Para. 2-18)
- TENSION LEVER UNIT (Para. 2-18)
- LOADING GEAR (Para. 2-20)
- LAMP LOADING GEAR (Para. 2-20)
- CAM GEAR (TU) (Para. 2-21)
- PHOTO UNIT (Para. 2-22)
- IDLER CENTRE LEVER (Para. 2-23)
- PULLEY GEAR (Para. 2-24)
- IDLER UNIT (Para. 2-24)
- CAM GEAR (SP) (Para. 2-32)
- CAM SPRING (C) (Para. 2-34)
- CAM PLATE UNIT (C) (Para. 2-34)

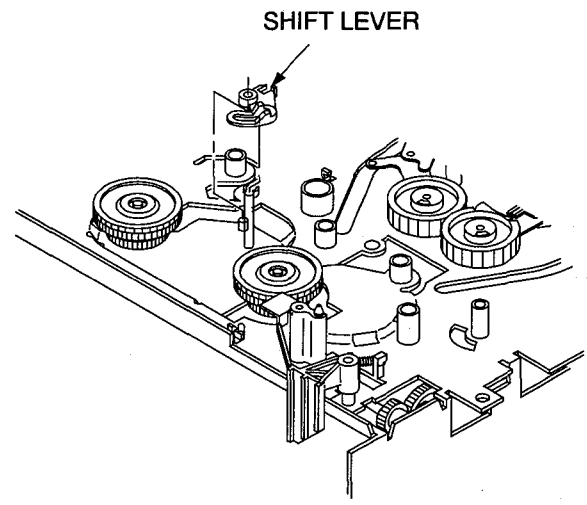


Fig. 2-39-1

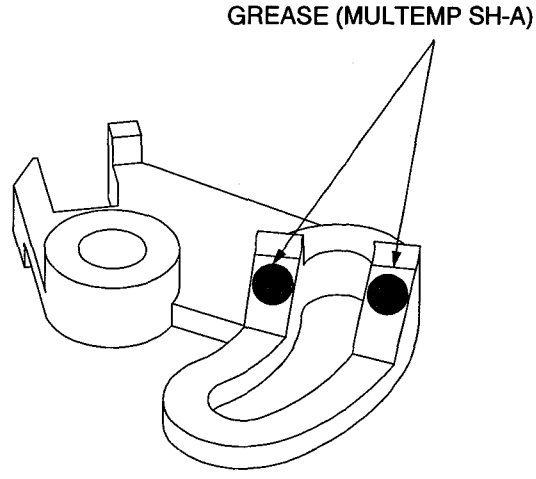


Fig. 2-39-2

(Removal)

1 Remove the SHIFT LEVER shown in Fig. 2-39-1.

(Installation)

1 Apply GREASE (MULTEMP SH-A) [859D055O80] to the area of the new SHIFT LEVER shown in Fig. 2-39-2.
2 Install the SHIFT LEVER shown in Fig. 2-39-1.

2-40 IMPEDANCE UNIT (SP), FLYWHEEL (SP)

Position the set normally.

(Removal)

1 Unfasten the two catches (ⓐ and ⓑ) securing the IMPEDANCE UNIT (SP) shown in Fig. 2-40 and remove the FLYWHEEL (SP).

2 Remove the one screw (ⓒ) securing the IMPEDANCE UNIT (SP) shown in Fig. 2-40 and remove the IMPEDANCE UNIT (SP).

(Installation)

1 Install the IMPEDANCE UNIT (SP) shown in Fig. 2-40.

2 Install the FLYWHEEL (SP) shown in Fig. 2-40.

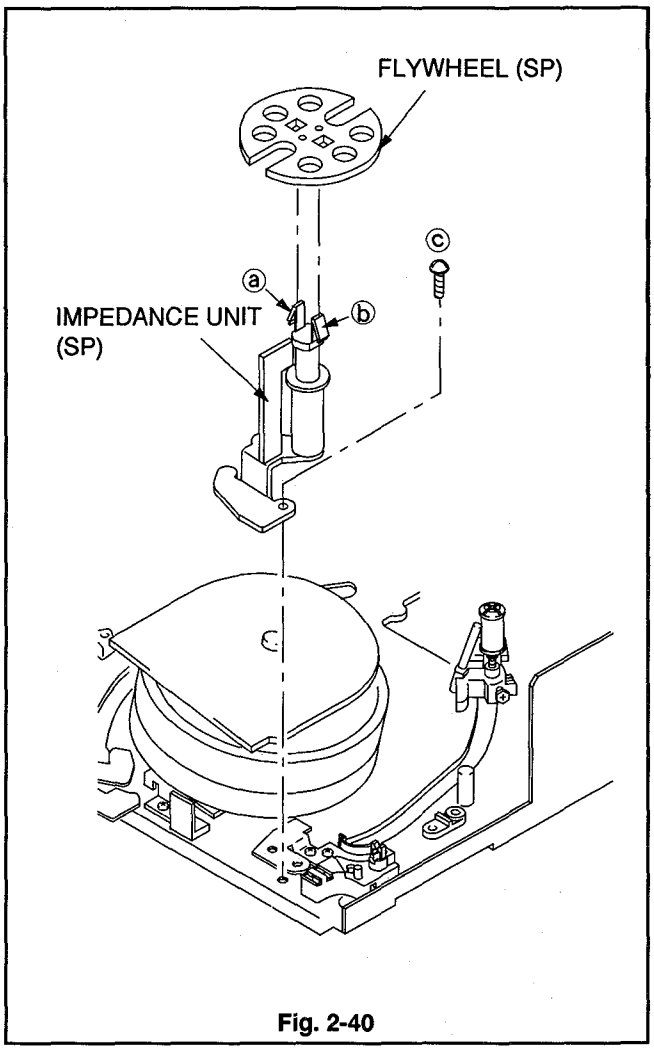


Fig. 2-40

3. Interchangeability Adjustment of the Mechanism

Note 1 : Tracking may need to be preset during interchangeability adjustment of the mechanism. Digital tracking is preset by short circuiting TP5A and TP5B on the PCB-MAIN.

Note 2 : The adjustments are performed in the playback mode, using the staircase signal of an alignment tape. Connect an oscilloscope to TP2A and external Trigger from TP2H, unless otherwise specified.

3-1 Adjustment of BACK TENSION and TENSION PIN Position

Run a blank tape for several minutes to break in the REEL DISKs and the transport before making the adjustment.

1 Playback an Alignment Tape.
[PM6KH3 : 859C339O30]

2 Make sure that the TENSION PIN is in the position shown in Fig. 3-1.

3 If the TENSION PIN is not in the position specified in Fig. 3-1, turn the boss to set the TENSION PIN to be in position.

4 Insert the Back Tension Gauge (859C345O80) and set the VCR to the playback mode.

5 Make sure that the reading of the Back Tension Gauge (859C345O80) is within 50 ± 6 g/cm.

Note : Before the measurement, make sure that the tape travel has become steady.
If the reading exceeds the specified value, replace the TENSION SPRING.

6 While tape travel is steady, check visually to make sure that the vibration range of the TENSION PIN is 1 mm or less.
If the vibration range exceeds the specified value, replace the REEL DISK.

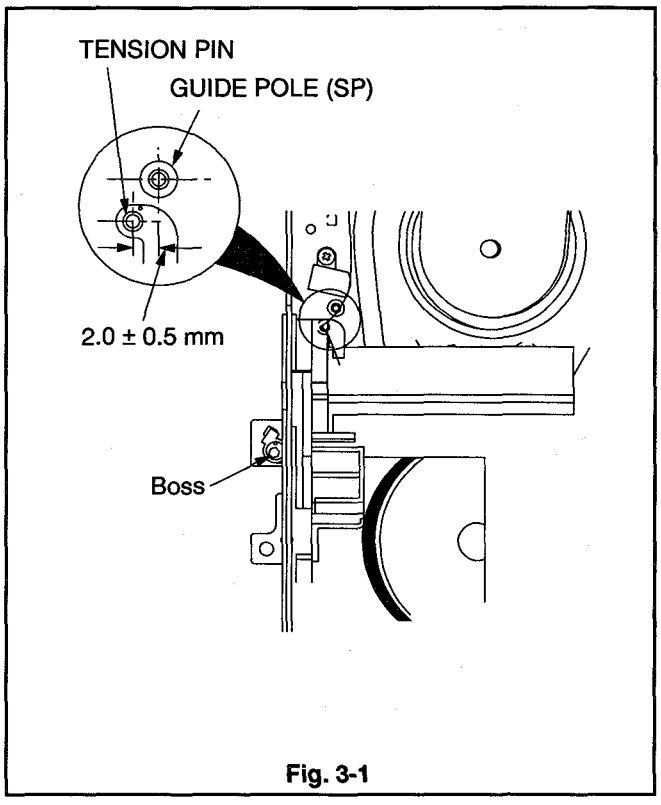


Fig. 3-1

3-2 Check and Adjustment of the FM Envelope

3-2-1 GUIDE ROLLER Adjustment

IMPORTANT

The Guide Rollers are secured by a hexagon screw, however, this screw, does not require to be loosened for adjustments to be made.

1 Playback an Alignment Tape.
[PM6KH3 : 859C339O30]
2 Preset tracking.
3 Make sure that the FM waveform is flat like A.
4 Perform "Adjustment of GUIDE ROLLER (SP) Height" in Item 3-2-2 if the leading portion (the entry side of the DRUM) of the FM waveform is like B or C. Perform "Adjustment of GUIDE ROLLER (TU) Height" in Item 3-2-3 if the trailing portion (the exit side of the DRUM) is like D or E.

3-2-2 Adjustment of GUIDE ROLLER (SP) Height

1 Loosen the screw with an L SHAPED BOX DRIVER (859C433O70) so that the GUIDE ROLLER (SP) rotates freely.
2 Observe the leading edge (the entry side of the DRUM) of the FM waveform. If it is like B, the GUIDE ROLLER (SP) may be lower than the specified position, and if it is like C, the GUIDE ROLLER (SP) may be higher. Turn the adjustment screw at the top of the GUIDE ROLLER (SP) so that the FM waveform becomes flat like A.
   - Counter-clockwise turn the adjusting screw if the roller is low.
   - Clockwise turn the adjusting screw if the roller is high.
3 Tighten the screw.
4 Perform "Coarse Adjustment of Phase" in Item 3-2-4.

3-2-3 Adjustment of GUIDE ROLLER (TU) Height

1 Loosen the screw with an L SHAPED BOX DRIVER (859C433O70) so that the GUIDE ROLLER (TU) rotates freely.
2 Observe the trailing edge (the exit side of the DRUM) of the FM waveform. If it is like D, the GUIDE ROLLER (TU) may be lower than the specified position, and if it is like E, the GUIDE ROLLER (TU) may be higher. Turn the adjustment screw at the top of the GUIDE ROLLER (TU) so that the FM waveform becomes flat like A.
   - Counter-clockwise turn the adjustment screw if the roller is low.
   - Clockwise turn the adjustment screw if the roller is high.
3 Tighten the screw .
4 Perform "Coarse Adjustment of Phase" in Item 3-2-4.

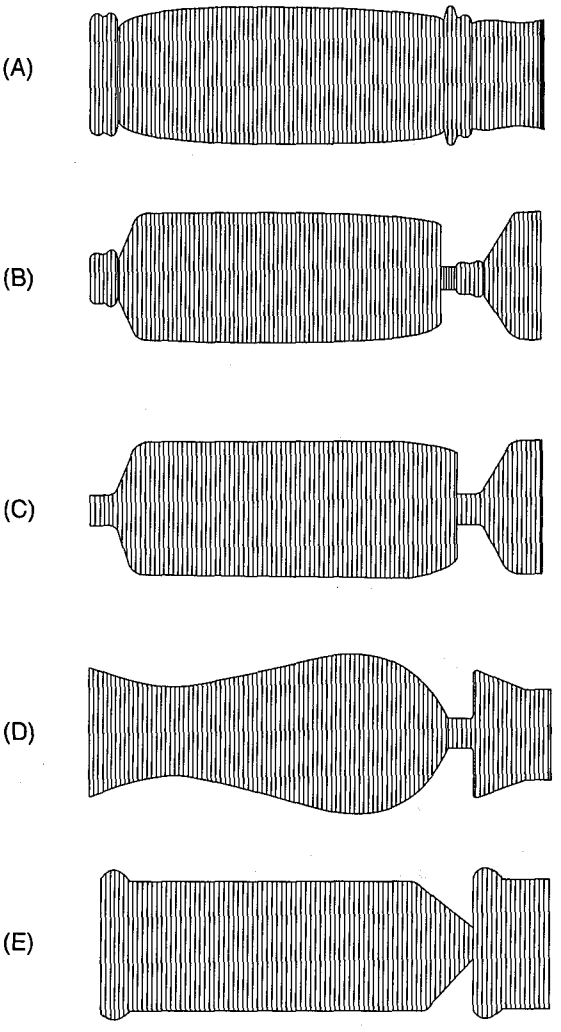


Fig. 3-2-1

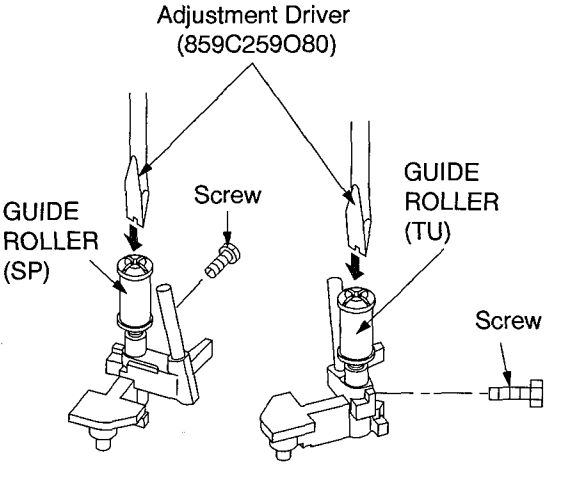


Fig. 3-2-2

3-2-4 Coarse Adjustment of Phase

1 Play back an Alignment Tape.
[PM6KH3 : 859C339O30]

2 Preset tracking.

3 Check the FM waveform after performing "GUIDE ROLLER Adjustment" in Item 3-2-1.

4 If the amplitude of the FM waveform is narrow like F because of out of phase, adjust it to the maximum like G in Fig. 3-2-4, by the following procedure. Loosen the screws D and E and insert a screw driver into the plastic boss of the MAIN PLATE ASSY. Move the A/C PLATE right and left to adjust the amplitude level of the FM waveform to the maximum. [Waveform G in Fig. 3-2-4]

5 Tighten the screws D and E.

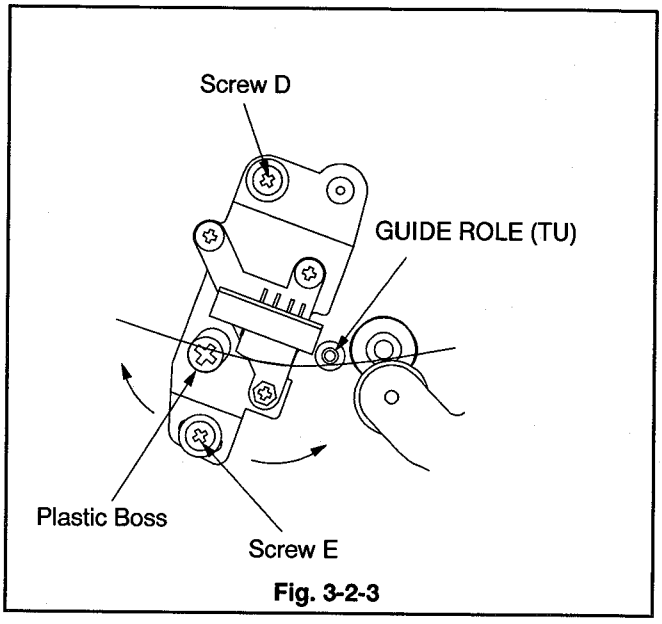


Fig. 3-2-3

3-2-5 Check of FM Waveform Flatness

1 Playback an Alignment Tape.
[PM6KH3 : 859C339O30]

Note : Perform the following procedure for selection of tracking method (manual or automatic) and for tracking adjustment.

- Turn the JOG dial while pressing the O.K.PROG. button on the VCR during playback.
- To switch from manual tracking back to automatic digital tracking, press the O.K.PROG. button on the VCR during playback.

2 Select the manual tracking mode.
Change tracking and make sure that the amplitude is changeable while the FM signal remains flat.

3 Adjust the tracking so that the amplitude level of the FM waveform is maximum. Set the oscilloscope so that the amplitude level of the FM waveform is 5 divisions.

4 Adjust tracking so that the peak value of the FM waveform is 4 divisions. Check if the FM waveforms B, C, D and E are within the specified values shown in Fig. 3-2-5.

5 If the waveform is not within the specified value, repeat the procedure in Item 3-2 "Check and adjustment of the FM Envelope" from the beginning.

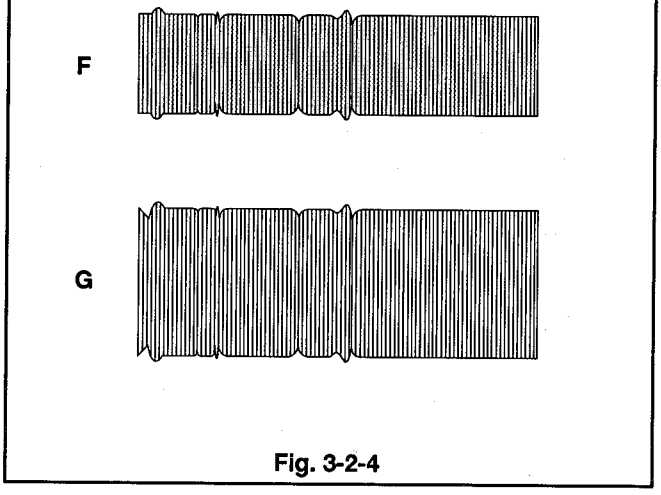
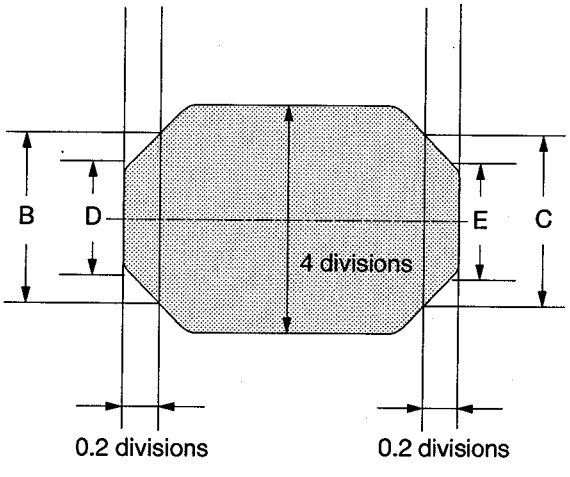


Fig. 3-2-4



B, C	At least 2.8 of the scale
D, E	At least 2.0 of the scale

Fig. 3-2-5

3-2-6 Tape Running Condition at the GUIDE ROLLERs (Check 1)

1 Playback an Alignment Tape.
[PM6KH3 : 859C339O30]
2 Visually check if there is a space between the tape and the lower flanges of the GUIDE ROLLER (SP) and GUIDE ROLLER (TU).
3 If there is no space, replace the ASSY TAPE GUIDE (SP) and TAPE GUIDE ASSY (TU) according to Para. 2-35 in "Replacement of Major Parts".
4 Alternately load and unload the tape several times, check that flatness of the FM waveform does not change.
5 If flatness changes, check the installation condition of the A/C HEAD. If it is abnormally installed, replace the A/C HEAD UNIT according to para. 2-4 and perform "Coarse Adjustment of Phase" in Item 3-2-4 again.

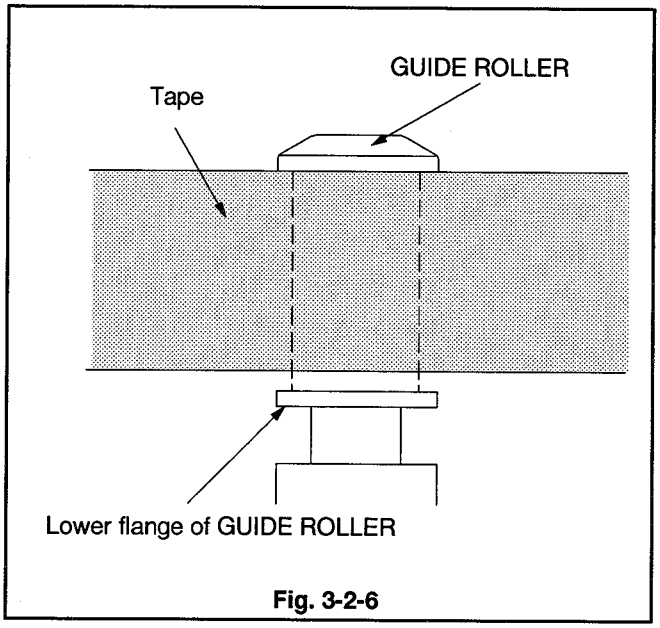


Fig. 3-2-6

3-2-7 Tape Running Condition at the GUIDE ROLLERs (Check 2)

1 Playback an Alignment Tape.
[PM6KH3 : 859C339O30]
2 Lightly press and release the top of the GUIDE ROLLER (SP) and GUIDE ROLLER (TU). Check that the FM waveform is quickly restored to the previous level.
3 Replace the TAPE GUIDE ASSY (SP) and TAPE GUIDE ASSY (TU) according to Para. 2-35 in "Replacement of Major Parts".

3-3 Adjustment of A/C HEAD

3-3-1 Adjustment of A/C HEAD Slant

1 Playback a blank tape.
2 Slowly turn the adjusting screw C counter-clockwise to slightly crease the bottom of the tape at the flange portion of GUIDE POLE (TU) .
3 Slowly return the adjusting screw C to remove the crease.
4 Slowly turn the adjusting screw C counter-clockwise again and stop it just before the tape is creased.

3-3-2 Adjustment of A/C HEAD Azimuth and Height

1 If the height of the CONTROL HEAD is different from the specified value in Fig. 3-3-2, adjust it with the adjusting screw A.
2 After adjustment with the screw A, perform "Adjustment of A/C HEAD Slant" in Item 3-3-1 again.
3 Connect the oscilloscope to the audio output terminal.
4 Playback an Alignment Tape.
[PM6KH3 : 859C339O30]
5 Adjust the audio output level to the maximum by turning the Azimuth adjusting screw B shown in Fig. 3-3-1.
After the adjustment, pull out the screw driver and check if the audio output level is 4.6 divisions or more, where the maximum audio output level is set to 5.
If the audio output level is less than 4.6, repeat the procedure 1 ~ 5.
6 Push the A/C HEAD to the right and left (in the direction A and A' in Fig. 3-3-1) and then release it. Check that the audio output level does not change. (Do not push the A/C HEAD such a degree that the audio output level is reduced less than 3/4 of its maximum value.)
7 Check that the change in the audio output level is less than 2 dB.
8 If the change exceeds 2 dB, perform "Adjustment of A/C HEAD Slant" in Item 3-3-1 and this adjustment.
9 If the above procedure of adjustment proves to be unsatisfactory, replace the TAPE GUIDE ASSY (SP) and TAPE GUIDE ASSY (TU) according to Para. 2-35 (Replacement of Major Parts).

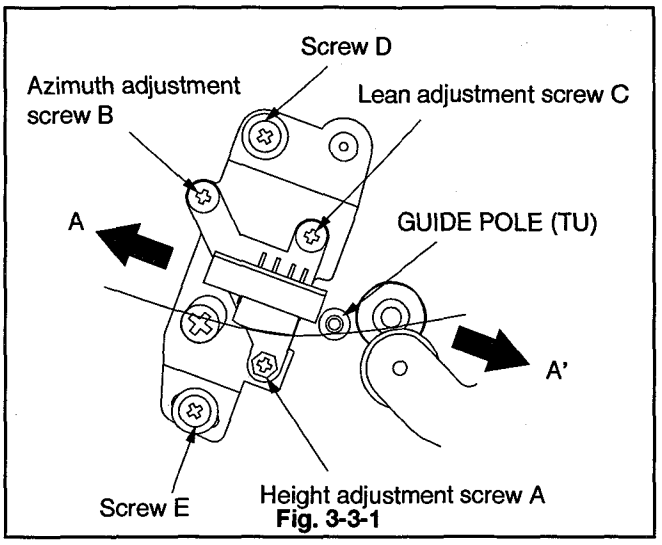


Fig. 3-3-1

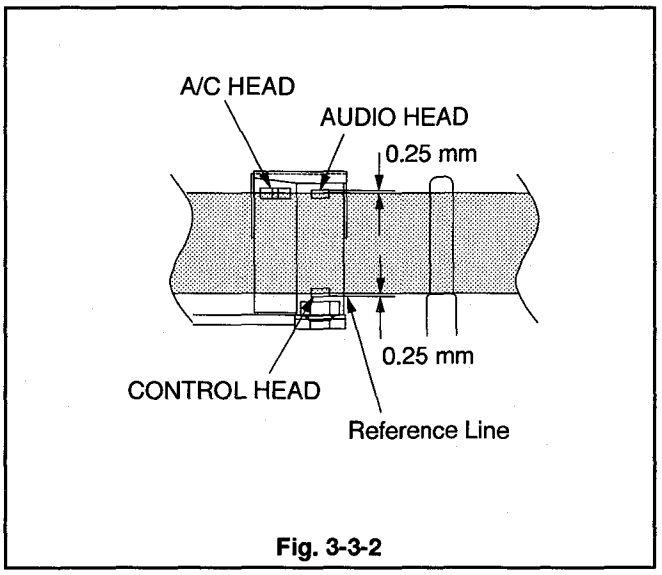


Fig. 3-3-2

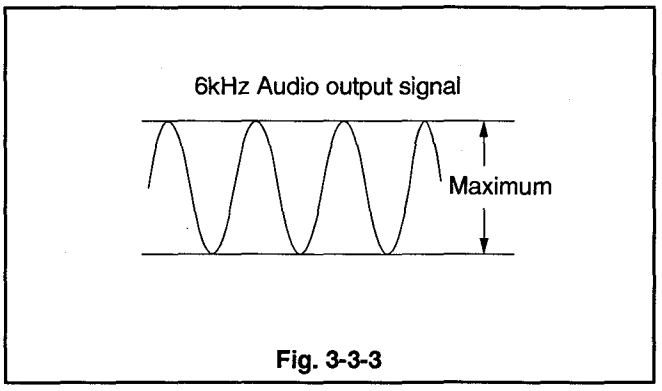


Fig. 3-3-3

3-4 Adjustment of Phase

1 Set the VCR to the playback mode.
(Use the Alignment Tape specified below to perform adjustment 1~4).
[PM3KE6 (CH1) 25 : 859C568O50]
2 Preset tracking.
3 Loosen the screws D and E and insert a screw driver into the plastic boss of the MAIN PLATE ASSY. Move the A/C PLATE right and left to adjust the FM output waveform to the maximum.
4 Tighten the screws D and E.
5 Playback the Alignment Tape.
[PMX : 859C568O70]
6 Connect TP2A (the FM waveform output) and the audio output terminal to the oscilloscope, external Trig. to TP2H, and check if the missing portions of the FM waveform and that of the audio waveform are within the specified value (field). (Refer to Fig. 3-4-2.)
7 If they are not within the specified value, repeat the procedure 3.
8 Turn the normal tracking control to adjust the FM waveform for maximum and set the oscilloscope so that the waveform is "5" divisions. (Refer to Note in Para. 3-2-5 about tracking adjustment.)
9 Preset tracking.
10 Check that the FM waveform on the oscilloscope is "4.8" or more divisions.
11 If the FM waveform is below "4.8" divisions, perform this adjustment after tracking preset.
12 Push the A/C HEAD to the right and left (in the direction of A-A' in Fig. 3-4-1) and then release the A/C HEAD. Check that the amplitude of the FM waveform does not change from that before shifting the A/C HEAD.
13 When the FM waveform Varies in amplitude level , check the mounting position of the A/C HEAD UNIT. If the portion is incorrect, correct the position following Item 2-4 "A/C HEAD UNIT" perform Item 3-3 "Adjustment of A/C HEAD" and repeat this adjustment from the beginning.
14 Alternately load and unload the tape several times to check that the amplitude of the FM waveform does not change.

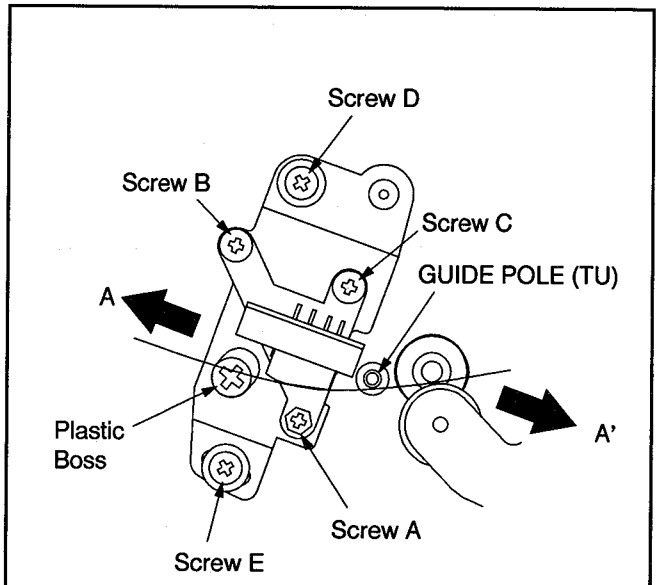


Fig. 3-4-1

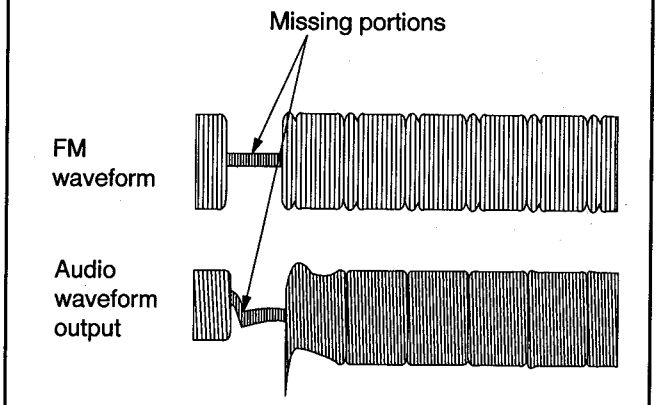


Fig. 3-4-2

3-5 Adjustment of GUIDE ARM ASSY (TU) Height

1 Run a final portion of E-240 blank tape in the reverse search mode.

2 Tighten the NYLON NUT of the GUIDE ARM ASSY (TU) with a box driver to lower the GUIDE ARM ASSY (TU) until the tape is creased at the lower flange of the GUIDE POLE (TU). Then slowly return the NYLON NUT, stop it at the point where the crease is removed. (During adjustment, use an uncovered cassette tape, or raise the cover so that the adjustment is available.)

Note : During adjustment, turn the NYLON NUT in the loosening direction. Do not turn the NYLON NUT more than ± 1/2 turn.

3 Eject and insert the cassette tape, and then set the VCR to the reverse search mode again. Check that the tape is not creased at the lower flange of the GUIDE POLE (TU). If the crease cannot be removed, repeat the procedure 1 ~ 3.

4 Set the VCR to the playback mode and check that the tape is not creased at the lower flange of the GUIDE POLE (TU). If the crease cannot be removed, repeat "Adjustment of A/C HEAD Slant" in Item 3-3-1 and the succeeding adjustments.

5 Run the start portion of E-180 blank tape in the forward search mode and check that the tape is not creased at the GUIDE POLE (TU).

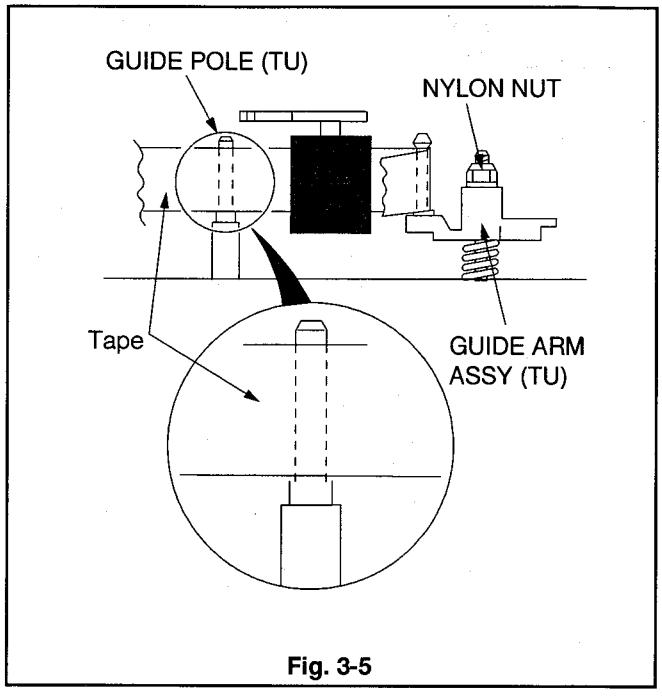


Fig. 3-5

4. Servicing for Tape Jamming during the Loading Process

1 Remove the DECK ASSY.
2 If the tape is caught in the mechanical parts to lock it, remove the tape.
3 If the TAPE GUIDE ASSY is in a status for loading, turn the LOADING MOTOR ASSY shown in Fig. 4 in the direction shown by arrow Ⓐ and move the TAPE GUIDE ASSY fully to the loading direction.
4 Turn the CAPSTAN MOTOR shown in Fig. 4 in the direction shown by arrow Ⓑ to wind the tape up within the cassette.
5 Turn the LOADING MOTOR ASSY shown in Fig. 4 in the direction shown by arrow Ⓐ to eject the tape.

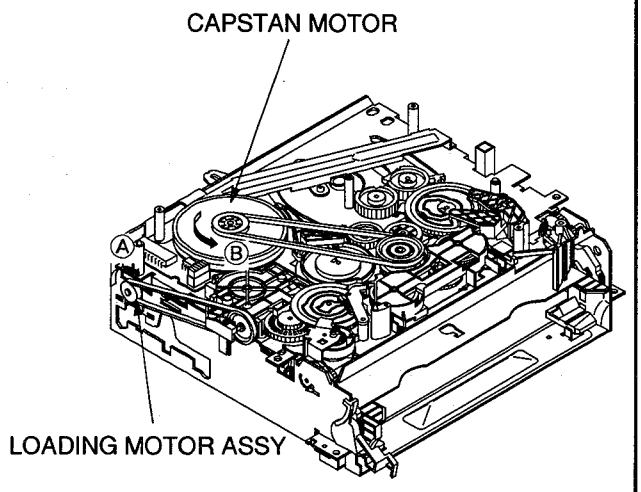


Fig. 4

GLOSSARY OF ABBREVIATIONS

A.E : Audio Erase
A/C-H : Audio / Control Head
A-FF : Audio Flip Flop from Servo Circuit
A-PB : Audio-Play Back
A-REC : Audio-Recording
ACC : Automatic Chroma Control
AFC : Automatic Frequency Control
AFT : Automatic Fine Tuning
AGC : Automatic Gain Control
ALC : Automatic Level Control
AMP : Amplifier
ANT : Antenna
APC : Automatic Phase Control
ATT : Attenuator

B/W : Black and White
BPF : Band-Pass Filter
BS : Band Switch
BU : Back Up

C-LAMP : Cassette Lamp
C-ROT : Chroma Rotation
CASS : Cassette
CE : Chip Enable
CG : Character Generator
CK : Clock
CL : Clear
CNT : Counter
CONV : Converter
CP : Capstan
CP-F/R : Capstan-Forward/Reverse
CP-FG : Capstan-Frequency Generator
CP-M : Capstan-Motor
CP-OUT : Capstan Motor Control Out
CS : Cassette Switch or Chip Select
CTL : Control

D-FF : Drum Flip Flop from Servo Circuit
D-M : Drum Motor
D-OUT : Drum Motor Control Out
DEMOD : Demodulator
DET : Detector
DL : Delay Line
DOC : Drop Out Compensator
DOP : Drop Out Pulse
DTR : Digital Tracking

EE : Electronic-Electronic
EF : Emitter Follower
EMPHA : Emphasis
EP : Extended Play
EQ : Equalizer
ES : End Sensor

F/R : Forward/Reverse
F/R-SW : FF/Rewind Switch
FE-H : Full Erase Head
FF : Fast Forward
FG : Frequency Generator
FL-SW : Front Loading Switch
FLCONT : Flying Erase Head Control
FLM : Front Loading Motor
FM : Frequency Modulator
FS : Forward Search

G : Ground

H-LED : Humidity-LED
H-SENS : Humidity-Sensor
H-SYNC : Horizontal Synchronizing Signal
HA : Head Amplifier
HE : Hall Element
HP : Head Phone
HPF : High-Pass Filter

LED : Light Emitting Diode
LIM : Limitter
LM : Loading Motor
LP : Long Play
LPF : Low-Pass Filter

MC : Mechanical Control
MDA : Motor Drive Amplifier
MIC : Microphone
MM : Mono-Multivibrator
MOD : Modulator

N̄ : Not Normal
NL DEEMP : Non Linear Deemphasis
NR : Non Regulated or Noise Reduction

O-PWV : ON/OFF Command to supply B + Power
OPE : Operation
OSC : Oscillator
OTR : One Touch Recording

P/R : Playback/Record
P/R-SW : Playback/Record-Switch
PB : Play Back
PCB : Printed Circuit Board
PG : Pulse Generator
PIC : Picture Control
PLL : Phase Locked Loop
PSC : Pulse Swallow Control
PWM : Pulse Width Modulation
PWV : ON/OFF Command to supply B + Power

REC : Recording
REC-1, REC-2 : Record Command for the PB/REC Control Circuit
REF : Reference
REG : Regulator
REM : Remaining Time or Remote Control
REW : Rewind
RIS : Record Inhibit Switch
RS : Reverse Search

S/P : Still/Pause
SENS : Sensor
SL : Slow
SP : Standard Play
SP-SENS : Supply Reel Sensor
SS : Start Sensor
STBY : Stand By

T.P : Test Point
T-REC : Timer-Record
TM : Take up Motor
TR : Transistor or Tracking
TU-SENS : Take Up Reel Sensor

UL : Unload

V-SYNC : Vertical Synchronizing Signal
VCO : Voltage Controlled Oscillator
VS : Voltage Synthesizer
VXO : Variable Crystal Oscillator

W/D : White/Dark

X'OSC : Crystal Oscillator

Y/C : Luminance/Chrominance
YNR : Y Noise Reduction

CHIP PARTS REPLACEMENT

CHIP PARTS REPLACEMENT

Some resistors, shorting jumpers (0Ω resistor), ceramic capacitors, transistors and diodes are chip parts. When replacing these parts, note the following cautions.

Cautions:

A. Use fine tipped, well insulated soldering pencil (iron), about 30 watts, and tweezers.
B. Melt the solder and remove the Chip Parts carefully not to tear off the copper foil of the printed circuit board.
C. Discard removed chips ; do not reuse them.
D. Do not apply heat for more than 3 seconds to new Chip Parts.
E. Avoid using a rubbing stroke when soldering.
F. Take care not to scratch, or damage the Chip Parts when soldering.
G. Supplementary cementing is not required.

1 Removal of Chip Parts (Resistors, Capacitors, etc.)

A. Grasp the part with tweezers. Melt the solder at both sides alternately, remove one side of the part with a twisting motion.
B. Melt the solder at the other side and remove the part.

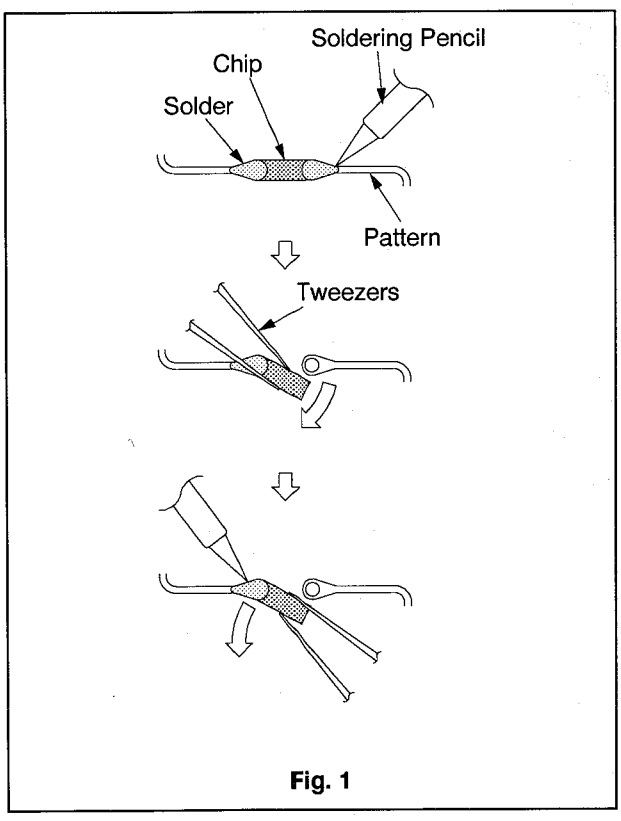


Fig. 1

2 Removal of Chip Parts (Transistors)

A. Melt the solder of one lead. Lift the side of that lead upward.
B. Simultaneously melt the solder of the two remaining leads and lift the part from the PCB.

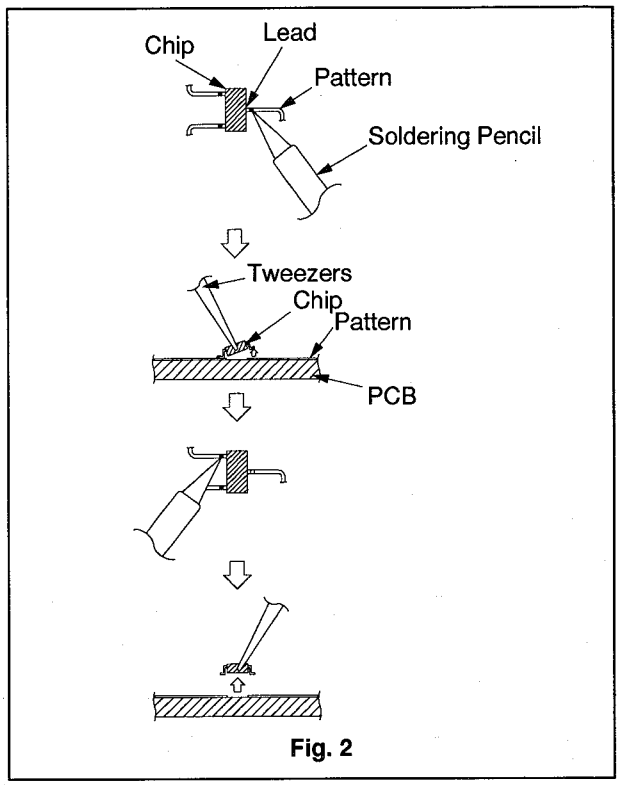


Fig. 2

3 Replacement

A. Presolder the contact points of the circuit pattern.
B. Press the part downward with tweezers and apply the soldering pencil as shown in Fig. 3.

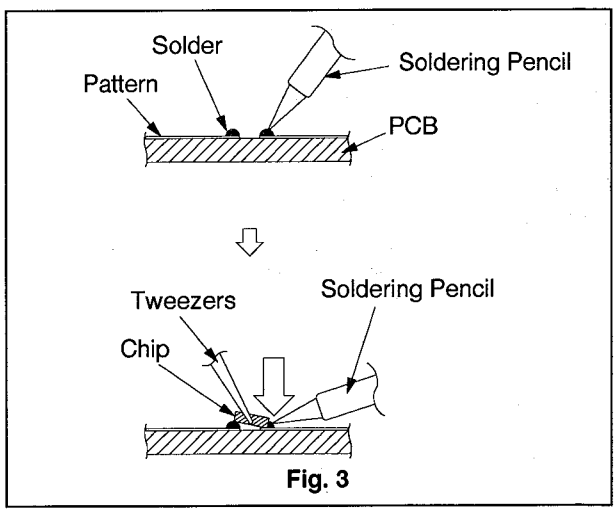
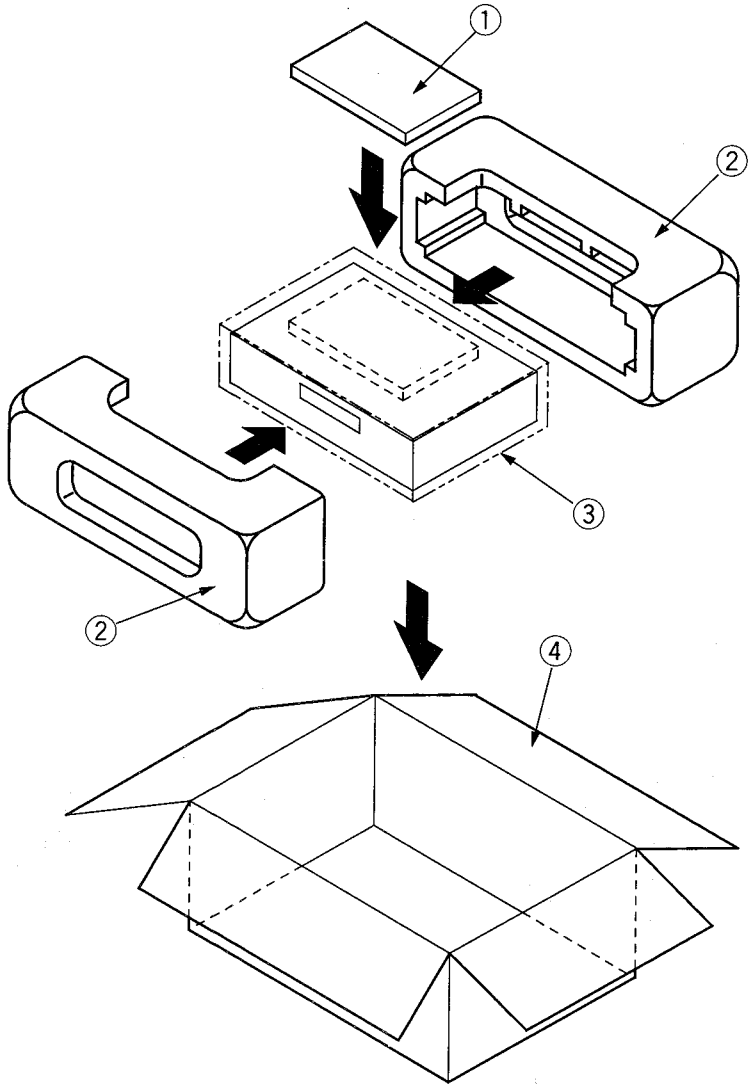
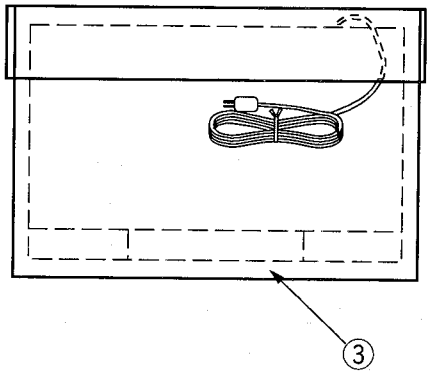


Fig. 3

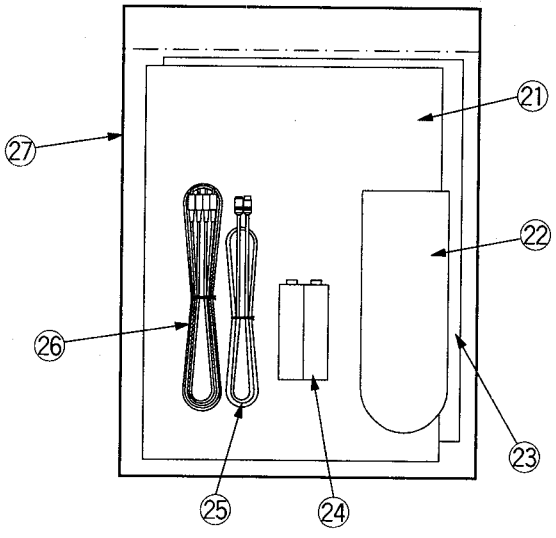
2. PACKING PARTS



PLUG SHOULD NOT BE ON CORD AND NOT BE ON REMOTE HAND UNIT OF ACCSESSORY.



ACCESSORY



ITEM NO.	PARTS NO.	PARTS NAME	DESCRIPTION	
		PACKING PARTS		
1	-------	ACCESSORY		
2	803A473O10	CUSHION		
3	-------	POLYETHYLENE SHEET		
4	802B600O10	PACKING CASE		
		ACCESSORY		
21	872C157O80	INSTRUCTION BOOK		[B]
21	872C158O00	INSTRUCTION BOOK		[E]
21	872C157O90	INSTRUCTION BOOK		[GY]
21	872C181O40	INSTRUCTION BOOK		[IR]
22	939P658O20	REMOTE HAND UNIT		[B, IR]
22	939P658O10	REMOTE HAND UNIT		[E, GY]
23	-------	QUICK SET-UP GUIDE		[B]
24	-------	BATTERY		
25	242D231O30	CABLE	1.5m	
26	242C938O10	PHONO CABLE	2P R&W L=1.5m	[E, GY]
27	831D302O10	PACKING BAG		

3. ELECTRICAL PARTS

SYMBOL No.	PARTS No.	PARTS NAME	DESCRIPTION	
INTEGRATED CIRCUITS				
IC1A1	266P192O10	IC	LA7910	[E,GY,IR]
IC201	270P360O10	IC	LA7416	
IC2A0	270P497O10	IC	TA1232N	
IC2A1	270P498O10	IC	TL8850AP	
IC2V0	274P814O10	MOS IC	M35017-052SP	
IC2601	270P377O10	IC	BH7634AS	[E,GY]
IC2602	272P583O10	IC	NJM2233BM	[E,GY]
IC2603	270P201O10	IC	LA7151	[E,GY]
IC2604	272P687O10	IC	NJM2234L	[E,GY]
IC2605	270P201O10	IC	LA7151	[E,GY]
IC2702	270P067O10	IC	BA7645N	[B,IR]
IC2703	272P687O10	IC	NJM2234L	[B,IR]
IC2704	272P687O10	IC	NJM2234L	[B,IR]
IC301	270P601O10	IC	BA7746FS	
IC3001	270P500O10	IC	TA8863CF	
IC4A0	274P768O60	MOS IC	MN67492MUE6	
IC4A1	272P237O50	IC	LMT324N	
IC4A2	272P235O10	IC	TA7291S	
IC551	274P672O10	MOS IC	SDA5649	[B,E,IR]
IC551	274P672O20	MOS IC	SDA5650	[GY]
IC571	274P677O10	MOS IC	M37470M4-526SP	[B,IR]
O IC5A0	274P946O30	MOS IC	M38185ME-215FP	[B,IR]
O IC5A0	274P946O10	MOS IC	M38185ME-206FP	[E]
O IC5A0	274P946O40	MOS IC	M38185ME-216FP	[GY]
IC5A1	263P593O10	MOS IC	CAT35C104P	
IC5A2	270P070O10	IC	AT93C56-10PC	
IC5A3	266P010O20	IC	μPC574J-K	
IC5A4	263P094O50	MOS IC	BU4094BCF	
IC700	270P272O10	IC	TDA9821	[E,GY]
IC701	270P001O10	IC	TDA9840	[E,GY]
IC7A0	270P273O20	IC	SAA7283GP	[B,E,IR]
O IC8A0	272P376O10	IC	BA15218F	
O IC901	270P508O10	IC	STR-S6706	[E,GY]
IC9A1	272P500O20	IC	HA17431PA	
IC9A2	272P237O50	IC	LMT324N	
TRANSISTORS				
Q 101	260P805O30	CHIP TRANSISTOR	2SC3053-D	
Q 102	260P808O10	CHIP TRANSISTOR	DTC114EK	
Q 103	260P804O30	CHIP TRANSISTOR	2SC3052-G	
Q 104	260P806O10	CHIP TRANSISTOR	DTA124EK	
Q 1C1	260P804O30	CHIP TRANSISTOR	2SC3052-G	[E,GY]
Q 1C2	260P804O30	CHIP TRANSISTOR	2SC3052-G	[E,GY]
Q 201	260P807O10	CHIP TRANSISTOR	UN2212	
Q 202	260P806O10	CHIP TRANSISTOR	DTA124EK	
Q 203	260P807O10	CHIP TRANSISTOR	UN2212	
Q 204	260P806O10	CHIP TRANSISTOR	DTA124EK	
Q 205	260P806O10	CHIP TRANSISTOR	DTA124EK	
Q 206	260P805O30	CHIP TRANSISTOR	2SC3053-D	
Q 207	260P805O30	CHIP TRANSISTOR	2SC3053-D	
Q 208	260P806O10	CHIP TRANSISTOR	DTA124EK	
Q 209	260P806O10	CHIP TRANSISTOR	DTA124EK	
Q 2A0	260P805O30	CHIP TRANSISTOR	2SC3053-D	
Q 2A1	260P802O20	CHIP TRANSISTOR	2SA1235-F	
Q 2A2	260P805O30	CHIP TRANSISTOR	2SC3053-D	
Q 2A3	260P804O30	CHIP TRANSISTOR	2SC3052-G	
Q 2E0	260P805O30	CHIP TRANSISTOR	2SC3053-D	
Q 2E1	260P802O20	CHIP TRANSISTOR	2SA1235-F	
Q 2E4	260P802O20	CHIP TRANSISTOR	2SA1235-F	
Q 2E5	260P807O10	CHIP TRANSISTOR	UN2212	
Q 2E6	260P807O10	CHIP TRANSISTOR	UN2212	
Q 2H0	260P802O20	CHIP TRANSISTOR	2SA1235-F	
Q 2H2	260P805O30	CHIP TRANSISTOR	2SC3053-D	
Q 2H3	260P807O10	CHIP TRANSISTOR	UN2212	
Q 2H4	260P805O30	CHIP TRANSISTOR	2SC3053-D	
Q 2H5	260P805O30	CHIP TRANSISTOR	2SC3053-D	
Q 2H6	260P807O10	CHIP TRANSISTOR	UN2212	
Q 2H7	260P806O10	CHIP TRANSISTOR	DTA124EK	
Q 2H8	260P805O30	CHIP TRANSISTOR	2SC3053-D	
Q 2JO	260P560O40	TRANSISTOR	2SA933S-S	
Q 2K0	260P805O30	CHIP TRANSISTOR	2SC3053-D	[B,IR
Q 2K1	260P805O30	CHIP TRANSISTOR	2SC3053-D	[B,IR
Q 2V0	260P802O20	CHIP TRANSISTOR	2SA1235-F	[E,GY
Q 2V3	260P804O30	CHIP TRANSISTOR	2SC3052-G	
Q 2V4	260P804O30	CHIP TRANSISTOR	2SC3052-G	
Q 2601	260P804O30	CHIP TRANSISTOR	2SC3052-G	[E,GY
Q 2602	260P804O30	CHIP TRANSISTOR	2SC3052-G	[E,GY
Q 2603	260P804O30	CHIP TRANSISTOR	2SC3052-G	[E,GY
Q 2604	260P804O30	CHIP TRANSISTOR	2SC3052-G	[E,GY
Q 2605	260P806O10	CHIP TRANSISTOR	DTA124EK	[E,GY
Q 2701	260P805O30	CHIP TRANSISTOR	2SC3053-D	[B,IR
Q 3001	260P804O30	CHIP TRANSISTOR	2SC3052-G	
Q 3002	260P804O30	CHIP TRANSISTOR	2SC3052-G	
Q 3601	260P804O30	CHIP TRANSISTOR	2SC3052-G	
Q 3602	260P807O10	CHIP TRANSISTOR	UN2212	
Q 3603	260P562O40	TRANSISTOR	2SA952-K	
Q 3604	260P629O60	TRANSISTOR	2SC3331-S	
Q 3605	260P807O10	CHIP TRANSISTOR	UN2212	
Q 3606	260P562O40	TRANSISTOR	2SA952-K	
Q 3607	260P629O60	TRANSISTOR	2SC3331-S	
Q 3608	260P804O30	CHIP TRANSISTOR	2SC3052-G	
Q 3609	260P806O10	CHIP TRANSISTOR	DTA124EK	
Q 4A2	260P804O30	CHIP TRANSISTOR	2SC3052-G	
Q 4A4	260P806O10	CHIP TRANSISTOR	DTA124EK	
Q 4A5	260P802O20	CHIP TRANSISTOR	2SA1235-F	
Q 4A6	260P804O30	CHIP TRANSISTOR	2SC3052-G	
Q 4C8	260P805O30	CHIP TRANSISTOR	2SC3053-D	
Q 571	260P562O40	TRANSISTOR	2SA952-K	[B,IR]
Q 581	260P562O40	TRANSISTOR	2SA952-K	[B,IR]
Q 5A0	268P076O10	PHOTO TRANSISTOR	SPS-1118C-T1	
Q 5A1	268P076O10	PHOTO TRANSISTOR	SPS-1118C-T1	
Q 5A2	268P076O10	PHOTO TRANSISTOR	SPS-1118C-T1	
Q 5A3	260P802O20	CHIP TRANSISTOR	2SA1235-F	
Q 5A4	260P802O20	CHIP TRANSISTOR	2SA1235-F	
Q 5A5	260P804O30	CHIP TRANSISTOR	2SC3052-G	
Q 5A6	268P076O10	PHOTO TRANSISTOR	SPS-1118C-T1	
Q 5A7	268P076O10	PHOTO TRANSISTOR	SPS-1118C-T1	
Q 5A8	268P076O10	PHOTO TRANSISTOR	SPS-1118C-T1	
Q 5A9	268P076O10	PHOTO TRANSISTOR	SPS-1118C-T1	
Q 5B0	268P076O10	PHOTO TRANSISTOR	SPS-1118C-T1	
Q 5B1	260P802O20	CHIP TRANSISTOR	2SA1235-F	
Q 5B2	260P806O10	CHIP TRANSISTOR	DTA124EK	

SYMBOL No.	PARTS No.	PARTS NAME	DESCRIPTION	
Q 5B6	260P804O30	CHIP TRANSISTOR	2SC3052-G	
Q 5C1	260P807O10	CHIP TRANSISTOR	UN2212	
Q 5C2	260P806O10	CHIP TRANSISTOR	DTA124EK	
Q 5C3	260P807O10	CHIP TRANSISTOR	UN2212	
Q 5C4	260P806O10	CHIP TRANSISTOR	DTA124EK	[E,GY]
Q 701	260P805O30	CHIP TRANSISTOR	2SC3053-D	[E,GY]
Q 702	260P806O10	CHIP TRANSISTOR	DTA124EK	[E,GY]
Q 703	260P805O30	CHIP TRANSISTOR	2SC3053-D	[E,GY]
Q 704	260P805O30	CHIP TRANSISTOR	2SC3053-D	[E,GY]
Q 7A0	260P874O10	CHIP TRANSISTOR	2SC3082K-P,Q	[B,E,IR]
Q 7A1	260P807O10	CHIP TRANSISTOR	UN2212	[B,E,IR]
Q 7A2	260P807O10	CHIP TRANSISTOR	UN2212	[B,E,IR]
Q 901	261P038O10	TRANSISTOR	2SC4234	[B,IR]
Q 902	260P559O30	TRANSISTOR	2SC1740S-S	[B,IR]
Q 903	260P560O40	TRANSISTOR	2SA933S-S	[B,IR]
Q 9A1	260P560O30	TRANSISTOR	2SA933S-R,F	
Q 9A2	260P560O40	TRANSISTOR	2SA933S-S	
Q 9A3	260C628O10	TRANSISTOR	2SA1619A-Q	
Q 9A4	260P630O10	TRANSISTOR	2SD2012	
Q 9A5	260P630O10	TRANSISTOR	2SD2012	
Q 9A6	260P585O30	TRANSISTOR	2SD1682-T,U	[B]
Q 9A6	260P613O10	TRANSISTOR	2SC4208A	[E,GY]
Q 9A7	260P630O10	TRANSISTOR	2SD2012	
Q 9A8	260P613O10	TRANSISTOR	2SC4208A	
Q 9A9	260P807O10	CHIP TRANSISTOR	UN2212	
Q 9B0	260P804O30	CHIP TRANSISTOR	2SC3052-G	[E,GY]
Q 9B1	260P810O10	CHIP TRANSISTOR	DTA144EK	[E,GY]
Q 9B2	260P804O30	CHIP TRANSISTOR	2SC3052-G	[E,GY]
Q 9B3	260P804O30	CHIP TRANSISTOR	2SC3052-G	[E,GY]
Q 9B7	260P807O10	CHIP TRANSISTOR	UN2212	[E,GY]
Q 9F0	260P807O10	CHIP TRANSISTOR	UN2212	
Q 9F1	260P806O10	CHIP TRANSISTOR	DTA124EK	
Q 9F2	260P802O20	CHIP TRANSISTOR	2SA1235-F	[E,GY]
Q 9F3	260P807O10	CHIP TRANSISTOR	UN2212	[E,GY]
Q 9F4	260P810O10	CHIP TRANSISTOR	DTA144EK	[E,GY]
Q 9F5	260P810O10	CHIP TRANSISTOR	DTA144EK	[E,GY]
Q 9F6	260P807O10	CHIP TRANSISTOR	UN2212	[E,GY]
Q 9F7	260P806O10	CHIP TRANSISTOR	DTA124EK	[E,GY]

)IODES

D 103	264P568O10	DIODE	1SS252	
D 104	264P568O10	DIODE	1SS252	
D 105	264P568O10	DIODE	1SS252	
D 1Z1	264P104O40	DIODE	HZ30-2	[B]
D 201	264P568O10	DIODE	1SS252	
D 2A0	264P568O10	DIODE	1SS252	
D 2A1	264P568O10	DIODE	1SS252	
D 2A2	264P568O10	DIODE	1SS252	[B,IR]
D 2V0	264P826O10	CHIP DIODE	DA204K	
D 2601	264P568O10	DIODE	1SS252	[E,GY]
D 2602	264P568O10	DIODE	1SS252	[E,GY]
D 2603	264P568O10	DIODE	1SS252	[E,GY]
D 2604	264P568O10	DIODE	1SS252	[E,GY]
D 2605	264P568O10	DIODE	1SS252	[E,GY]
D 2606	264P568O10	DIODE	1SS252	[E,GY]
D 2607	264P568O10	DIODE	1SS252	[E,GY]
D 2608	264P568O10	DIODE	1SS252	[E,GY]
D 2609	264P568O10	DIODE	1SS252	[E,GY]
D 2610	264P568O10	DIODE	1SS252	[E,GY]
D 2611	264P568O10	DIODE	1SS252	[E,GY]
D 2612	264P568O10	DIODE	1SS252	[E,GY]
D 2613	264P568O10	DIODE	1SS252	[E,GY]
D 2614	264P568O10	DIODE	1SS252	[E,GY]
D 2615	264P568O10	DIODE	1SS252	[E,GY]
D 2616	264P568O10	DIODE	1SS252	[E,GY]
D 2623	264P568O10	DIODE	1SS252	[E,GY]
D 2624	264P568O10	DIODE	1SS252	[E,GY]
D 2625	264P568O10	DIODE	1SS252	[E,GY]
D 2716	264P568O10	DIODE	1SS252	[B,IR]
D 2729	264P568O10	DIODE	1SS252	[B,IR]
D 2730	264P568O10	DIODE	1SS252	[B,IR]
D 2731	264P568O10	DIODE	1SS252	[B,IR]
D 2732	264P568O10	DIODE	1SS252	[B,IR]
D 2733	264P568O10	DIODE	1SS252	[B,IR]
D 2734	264P568O10	DIODE	1SS252	[B,IR]
D 2735	264P568O10	DIODE	1SS252	[B,IR]
D 2736	264P568O10	DIODE	1SS252	[B,IR]
D 2737	264P568O10	DIODE	1SS252	[B,IR]
D 2738	264P568O10	DIODE	1SS252	[B,IR]
D 2739	264P568O10	DIODE	1SS252	[B,IR]
D 2740	264P568O10	DIODE	1SS252	[B,IR]
D 3001	264P568O10	DIODE	1SS252	
D 4A0	264P568O10	DIODE	1SS252	
D 5A6	264P568O10	DIODE	1SS252	
D 5A7	264P568O10	DIODE	1SS252	
D 5A8	264P568O10	DIODE	1SS252	
D 5A9	264P696O10	LIGHT EMITTING DIODE	SLR-932C-20-AB-T1	
D 5B0	264P568O10	DIODE	1SS252	
D 5B4	264P696O20	LIGHT EMITTING DIODE	SLR-932A-20-B-T1	
D 5B5	264P696O10	LIGHT EMITTING DIODE	SLR-932C-20-AB-T1	
D 5C0	264P696O10	LIGHT EMITTING DIODE	SLR-932C-20-AB-T1	
D 5C1	264P568O10	DIODE	1SS252	
D 5C2	264P568O10	DIODE	1SS252	
D 5D0	264P342O70	DIODE	HZ4C2	
D 5D4	264P568O10	DIODE	1SS252	
D 5E2	264P568O10	DIODE	1SS252	
D 5JG	264P568O10	DIODE	1SS252	
D 5CAN	264P568O10	DIODE	1SS252	[E,GY]
D 5IRN	264P568O10	DIODE	1SS252	[IR]
D 5RAB	264P568O10	DIODE	1SS252	
D 5SAS	264P568O10	DIODE	1SS252	[B,IR]
D 7C0	264P675O10	DIODE	BB405B	[B,E,IR]
D 7C1	264P568O10	DIODE	1SS252	[B,E,IR]
D 7C2	264P568O10	DIODE	1SS252	[B,E,IR]
D 811	264P621O40	LIGHT EMITTING DIODE	SEL2210S TP2	[E,GY]
D 8A0	264P568O10	DIODE	1SS252	
D 8A1	264P568O10	DIODE	1SS252	
D 8A3	264P568O10	DIODE	1SS252	
D 8A4	264P568O10	DIODE	1SS252	
D 8A5	264P568O10	DIODE	1SS252	
D 8A6	264P568O10	DIODE	1SS252	
D 8A8	264P568O10	DIODE	1SS252	
D 8A9	264P568O10	DIODE	1SS252	

SYMBOL No.	PARTS No.	PARTS NAME	DESCRIPTION	
D 8B0	264P568O10	DIODE	1SS252	
D 8B1	264P568O10	DIODE	1SS252	
D 8B2	264P568O10	DIODE	1SS252	
D 8B3	264P568O10	DIODE	1SS252	
D 8C0	264P634O10	LIGHT EMITTING DIODE	SLR-932A-7	[B,IR]
D 901	264P508O40	DIODE	S1WB(A)60	
D 903	264P699O10	DIODE	AP01C	
D 904	264P825O10	DIODE	ERA15-02	
D 905	264P568O10	DIODE	1SS252	[E,GY]
D 906	264P487O80	DIODE	RD12FB2	[B,IR]
D 906	264P825O10	DIODE	ERA15-02	[E,GY]
D 907	264P568O10	DIODE	1SS252	[B,IR]
D 907	264P825O10	DIODE	ERA15-02	[E,GY]
D 908	264P825O10	DIODE	ERA15-02	[E,GY]
D 909	264P568O10	DIODE	1SS252	[B,IR]
D 9A1	264P695O50	DIODE	D2S6M	
D 9A2	264P695O30	DIODE	D2S4M	
D 9A3	264P663O10	DIODE	D1NL20U	
D 9A4	264P663O10	DIODE	D1NL20U	
D 9A5	264P568O10	DIODE	1SS252	
D 9A6	264P568O10	DIODE	1SS252	
D 9A7	264P104O40	DIODE	HZ30-2	
D 9A8	264P568O10	DIODE	1SS252	
D 9A9	264P452O30	DIODE	HZ5C3	
D 9B0	264P568O10	DIODE	1SS252	
D 9B1	264P484O30	DIODE	RD5.6FB2	[B]
D 9B1	264P487O80	DIODE	RD12FB2	[E,GY]
D 9B2	264P527O10	DIODE	D1NS4	
D 9B3	264P568O10	DIODE	1SS252	
D 9B4	264P568O10	DIODE	1SS252	
D 9B5	264P456O70	DIODE	RD2.4EB	
FILTERS				
CF701	296P071O20	CERAMIC FILTER		[E,GY]
CF702	296P071O10	CERAMIC FILTER		[E,GY]
L 901	351P038O40	LINE FILTER	ELF-18D290HB	
COILS				
L 101	325C166O30	PEAKING COIL	10μH-J	
L 201	325C167O50	PEAKING COIL	100μH-J	
L 2A0	325C167O30	PEAKING COIL	68μH-J	
L 2A1	325C167O00	PEAKING COIL	39μH-J	
L 2A2	325C168O70	PEAKING COIL	1000μH-J	
L 2E0	325C167O50	PEAKING COIL	100μH-J	
L 2E1	325C167O50	PEAKING COIL	100μH-J	
L 2H0	325C167O50	PEAKING COIL	100μH-J	
L 2H1	325C166O60	PEAKING COIL	18μH-J	
L 2J0	325C167O50	PEAKING COIL	100μH-J	
L 2V0	325C166O50	PEAKING COIL	15μH-J	
L 2V1	325C167O50	PEAKING COIL	100μH-J	
L 2V2	325C166O80	PEAKING COIL	27μH-J	[E,GY]
L 2V3	325C167O50	PEAKING COIL	100μH-J	
L 2601	325C112O50	PEAKING COIL	100μH-K	[E,GY]
L 2602	325C122O50	PEAKING COIL	100μH-K	[E,GY]
L 2603	325C112O50	PEAKING COIL	100μH-K	[E,GY]
O L 2609	325C113O10	PEAKING COIL	330μH-K	[E,GY]
O L 2610	325C113O10	PEAKING COIL	330μH-K	[E,GY]
O L 2611	325C113O10	PEAKING COIL	330μH-K	[E,GY
O L 2612	325C113O10	PEAKING COIL	330μH-K	[E,GY
L 2709	325C113O10	PEAKING COIL	330μH-K	[B,IR
L 2710	325C113O10	PEAKING COIL	330μH-K	[B,IR
L 2714	325C112O50	PEAKING COIL	100μH-K	[B,IR
L 2715	325C112O50	PEAKING COIL	100μH-K	[B,IR
L 301	325C167O50	PEAKING COIL	100μH-J	
L 3601	321C114O80	RF COIL	8200μH-J	
L 3602	321C113O70	RF COIL	1000μH-K	
L 3603	321C113O70	RF COIL	1000μH-K	
L 3604	325C167O80	PEAKING COIL	180μH-J	
L 4A7	325C167O50	PEAKING COIL	100μH-J	
L 4A8	325C121O30	PEAKING COIL	10μH-K	
L 551	325C167O50	PEAKING COIL	100μH-J	
L 571	325C167O50	PEAKING COIL	100μH-J	[B,IR]
L 701	325C106O30	PEAKING COIL	10μH-J	[E,GY]
L 702	325C106O30	PEAKING COIL	10μH-J	[E,GY]
L 703	325C106O30	PEAKING COIL	10μH-J	[E,GY]
L 704	321C114O50	RF COIL	4700μH-J	[E,GY]
L 7A0	325C106O60	PEAKING COIL	18μH-J	[B,E,IR]
L 7A1	325C107O50	PEAKING COIL	100μH-J	[B,E,IR]
L 7A2	325C107O50	PEAKING COIL	100μH-J	[B,E,IR]
L 7A3	325C107O50	PEAKING COIL	100μH-J	[B,E,IR]
L 7A4	325C107O50	PEAKING COIL	100μH-J	[B,E,IR]
L 7A5	325C107O10	PEAKING COIL	47μH-J	[B,E,IR]
L 9A1	321C141O30	RF COIL	10μH-K	
L 9A2	321C141O30	RF COIL	10μH-K	
T 3601	409P852O10	BIAS OSCILLATOR COIL	P852A10	
T 3602	409P852O10	BIAS OSCILLATOR COIL	P852A10	
TRANSFORMERS				
O T 901	350P706O10	POWER TRANSFORMER	E-A1-26195	[B,IR]
O T 901	350P706O20	POWER TRANSFORMER	E-A1-26565	[E,GY]
VARIABLE RESISTORS				
VR4A0	127C381O20	SEMIFIXED RESISTOR	1/5W B100kΩ-M	
VR756	127C380O40	SEMIFIXED RESISTOR	1/5W B1kΩ-M	[E,GY]
O VR8A0	129D157O60	VR PCB	1/20W B50kΩ-17TM CS	[B,GY]
O VR8A1	129D157O60	VR PCB	1/20W B50kΩ-17TM CS	[B,GY]
RESISTORS				
R 101	103P403O80	CHIP RESISTOR	1/10W 12kΩ-J	
R 102	103P404O00	CHIP RESISTOR	1/10W 18kΩ-J	
R 105	103P409O50	CHIP RESISTOR	0.1W 0Ω(2125)	[B]
R 107	103P409O50	CHIP RESISTOR	0.1W 0Ω(2125)	[B]
R 108	103P409O50	CHIP RESISTOR	0.1W 0Ω(2125)	[B]
R 110	103P409O50	CHIP RESISTOR	0.1W 0Ω(2125)	[B]
R 111	103P401O30	CHIP RESISTOR	1/10W 100Ω-J	
R 112	103P402O80	CHIP RESISTOR	1/10W 1.8kΩ-J	
R 113	103P404O20	CHIP RESISTOR	1/10W 27kΩ-J	
R 114	103P403O60	CHIP RESISTOR	1/10W 8.2kΩ-J	
R 1A3	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	[E,GY,IR]
R 1A4	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	[E,GY,IR]
R 1A5	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	[E,GY,IR]
R 1A6	103P409O50	CHIP RESISTOR	0.1W 0Ω(2125)	[B]
R 1B1	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	

SYMBOL No.	PARTS No.	PARTS NAME	DESCRIPTION	
R 1B2	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	
R 1C3	103P402O70	CHIP RESISTOR	1/10W 1.5kΩ-J	[E,GY]
R 1C4	103P402O70	CHIP RESISTOR	1/10W 1.5kΩ-J	[E,GY]
R 1C5	103P401O30	CHIP RESISTOR	1/10W 100Ω-J	[E,GY]
R 1C6	103P403O20	CHIP RESISTOR	1/10W 3.9kΩ-J	[E,GY]
R 1C7	103P404O60	CHIP RESISTOR	1/10W 56kΩ-J	[E,GY]
R 1C8	103P405O50	CHIP RESISTOR	1/10W 330kΩ-J	[B,IR]
R 1C8	103P405O80	CHIP RESISTOR	1/10W 560kΩ-J	[E,GY]
R 201	103P475O60	CHIP RESISTOR	1/10W 20kΩ-F	
R 202	103P475O60	CHIP RESISTOR	1/10W 20kΩ-F	
R 203	103P404O70	CHIP RESISTOR	1/10W 68kΩ-J	
R 205	103P474O90	CHIP RESISTOR	1/10W 10kΩ-F	
R 206	103P474O90	CHIP RESISTOR	1/10W 10kΩ-F	
R 207	103P473O30	CHIP RESISTOR	1/10W 2.2kΩ-F	
R 209	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	
R 216	103P401O30	CHIP RESISTOR	1/10W 100Ω-J	
R 217	103P404O40	CHIP RESISTOR	1/10W 39kΩ-J	
R 218	103P404O10	CHIP RESISTOR	1/10W 22kΩ-J	
R 219	103P403O60	CHIP RESISTOR	1/10W 8.2kΩ-J	
R 220	103P403O60	CHIP RESISTOR	1/10W 8.2kΩ-J	
R 221	103P402O80	CHIP RESISTOR	1/10W 1.8kΩ-J	
R 222	103P402O80	CHIP RESISTOR	1/10W 1.8kΩ-J	
R 2A0	103P474O10	CHIP RESISTOR	1/10W 4.7kΩ-F	
R 2A1	103P402O60	CHIP RESISTOR	1/10W 1.2kΩ-J	
R 2A2	103P401O30	CHIP RESISTOR	1/10W 100Ω-J	
R 2A3	103P402O30	CHIP RESISTOR	1/10W 680Ω-J	
R 2A4	103P472O80	CHIP RESISTOR	1/10W 1.3kΩ-F	
R 2A5	103P403O00	CHIP RESISTOR	1/10W 2.7kΩ-J	
R 2A6	103P401O90	CHIP RESISTOR	1/10W 330Ω-J	
R 2A7	103P402O90	CHIP RESISTOR	1/10W 2.2kΩ-J	
R 2A8	103P409O50	CHIP RESISTOR	0.1W 0Ω(2125)	
R 2A9	103P403O60	CHIP RESISTOR	1/10W 8.2kΩ-J	
R 2B0	103P402O90	CHIP RESISTOR	1/10W 2.2kΩ-J	
R 2B1	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	
R 2B2	103P404O30	CHIP RESISTOR	1/10W 33kΩ-J	
R 2B3	103P402O30	CHIP RESISTOR	1/10W 680Ω-J	
R 2B4	103P403O10	CHIP RESISTOR	1/10W 3.3kΩ-J	
R 2B5	103P404O50	CHIP RESISTOR	1/10W 47kΩ-J	
R 2B6	103P406O10	CHIP RESISTOR	1/10W 1MΩ-J	
R 2B7	103P401O80	CHIP RESISTOR	1/10W 270Ω-J	
R 2B8	103P402O60	CHIP RESISTOR	1/10W 1.2kΩ-J	
R 2C3	103P404O20	CHIP RESISTOR	1/10W 27kΩ-J	
R 2C4	103P403O30	CHIP RESISTOR	1/10W 4.7kΩ-J	
R 2E0	103P404O10	CHIP RESISTOR	1/10W 22kΩ-J	
R 2E1	103P404O20	CHIP RESISTOR	1/10W 27kΩ-J	
R 2E4	103P402O40	CHIP RESISTOR	1/10W 820Ω-J	
R 2E5	103P401O30	CHIP RESISTOR	1/10W 100Ω-J	
R 2E6	103P402O60	CHIP RESISTOR	1/10W 1.2kΩ-J	
R 2E7	103P402O70	CHIP RESISTOR	1/10W 1.5kΩ-J	
R 2F1	103P401O60	CHIP RESISTOR	1/10W 180Ω-J	
R 2F6	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	
R 2F7	103P404O60	CHIP RESISTOR	1/10W 56kΩ-J	
R 2F8	103P404O60	CHIP RESISTOR	1/10W 56kΩ-J	
R 2H0	103P473O30	CHIP RESISTOR	1/10W 2.2kΩ-F	
R 2H1	103P472O50	CHIP RESISTOR	1/10W 1kΩ-F	
R 2H2	103P402O90	CHIP RESISTOR	1/10W 2.2kΩ-J	
R 2H5	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	
R 2H6	103P403O10	CHIP RESISTOR	1/10W 3.3kΩ-J	
R 2H8	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	
R 2H9	103P401O80	CHIP RESISTOR	1/10W 270Ω-J	
R 2J0	103P401O70	CHIP RESISTOR	1/10W 220Ω-J	
R 2J2	103P401O10	CHIP RESISTOR	1/10W 68Ω-J	
R 2J3	103P470O70	CHIP RESISTOR	1/10W 180Ω-F	
R 2J4	103P470O90	CHIP RESISTOR	1/10W 220Ω-F	
R 2J5	103P409O90	CHIP RESISTOR	1/10W 75Ω-J	[E,GY]
R 2J8	103P401O60	CHIP RESISTOR	1/10W 180Ω-J	
R 2J9	103P409O50	CHIP RESISTOR	0.1W 0Ω(2125)	
R 2K0	103P404O50	CHIP RESISTOR	1/10W 47kΩ-J	[B,IR]
R 2K1	103P403O90	CHIP RESISTOR	1/10W 15kΩ-J	[B,IR]
R 2K3	103P402O40	CHIP RESISTOR	1/10W 820Ω-J	[B,IR]
R 2K6	103P409O50	CHIP RESISTOR	0.1W 0Ω(2125)	[E,GY]
R 2K7	103P409O50	CHIP RESISTOR	0.1W 0Ω(2125)	[B,IR]
R 2L0	103P409O50	CHIP RESISTOR	0.1W 0Ω(2125)	[B,IR]
R 2L1	103P409O50	CHIP RESISTOR	0.1W 0Ω(2125)	[B,IR]
R 2L2	103P404O30	CHIP RESISTOR	1/10W 33kΩ-J	
R 2L3	103P403O90	CHIP RESISTOR	1/10W 15kΩ-J	
R 2L4	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	
R 2L5	103P401O60	CHIP RESISTOR	1/10W 180Ω-J	
R 2L6	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	
R 2L8	103P404O30	CHIP RESISTOR	1/10W 33kΩ-J	
R 2M0	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	
R 2V0	103P401O90	CHIP RESISTOR	1/10W 330Ω-J	
R 2V2	103P409O50	CHIP RESISTOR	0.1W 0Ω(2125)	[B,IR]
R 2V2	103P402O00	CHIP RESISTOR	1/10W 390Ω-J	[E,GY]
R 2V3	103P403O80	CHIP RESISTOR	1/10W 12kΩ-J	[E,GY]
R 2V4	103P472O00	CHIP RESISTOR	1/10W 620Ω-F	
R 2V5	103P472O70	CHIP RESISTOR	1/10W 1.2kΩ-F	
R 2V7	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	
R 2V8	103P404O10	CHIP RESISTOR	1/10W 22kΩ-J	
R 2V9	103P403O20	CHIP RESISTOR	1/10W 3.9kΩ-J	
R 2W0	103P474O30	CHIP RESISTOR	1/10W 5.6kΩ-F	
R 2W1	103P473O90	CHIP RESISTOR	1/10W 3.9kΩ-F	
R 2W2	103P404O10	CHIP RESISTOR	1/10W 22kΩ-J	
R 2602	103P403O80	CHIP RESISTOR	1/10W 12kΩ-J	[E,GY]
R 2603	103P403O80	CHIP RESISTOR	1/10W 12kΩ-J	[E,GY]
R 2612	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	[E,GY]
R 2613	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	[E,GY]
R 2614	103P402O10	CHIP RESISTOR	1/10W 470Ω-J	[E,GY]
R 2615	103P402O10	CHIP RESISTOR	1/10W 470Ω-J	[E,GY]
R 2617	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	[E,GY]
R 2618	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	[E,GY]
R 2619	103P402O10	CHIP RESISTOR	1/10W 470Ω-J	[E,GY]
R 2620	103P402O10	CHIP RESISTOR	1/10W 470Ω-J	[E,GY]
R 2621	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	[E,GY]
R 2622	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	[E,GY]
R 2624	103P404O50	CHIP RESISTOR	1/10W 47kΩ-J	[E,GY]
R 2625	103P403O50	CHIP RESISTOR	1/10W 6.8kΩ-J	[E,GY]
R 2627	103P403O90	CHIP RESISTOR	1/10W 15kΩ-J	[E,GY]
R 2628	103P403O90	CHIP RESISTOR	1/10W 15kΩ-J	[E,GY]
R 2629	103P403O90	CHIP RESISTOR	1/10W 15kΩ-J	[E,GY]
R 2630	103P403O90	CHIP RESISTOR	1/10W 15kΩ-J	[E,GY]
R 2632	103P404O10	CHIP RESISTOR	1/10W 22kΩ-J	[E,GY]
R 2633	103P403O10	CHIP RESISTOR	1/10W 3.3kΩ-J	[E,GY]
R 2634	103P403O10	CHIP RESISTOR	1/10W 3.3kΩ-J	[E,GY]

SYMBOL No.	PARTS No.	PARTS NAME	DESCRIPTION	
R 2712	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	[B,IR]
R 2713	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	[B,IR]
R 2717	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	[B,IR]
R 2718	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	[B,IR]
R 2719	103P402O10	CHIP RESISTOR	1/10W 470Ω-J	[B,IR]
R 2720	103P402O10	CHIP RESISTOR	1/10W 470Ω-J	[B,IR]
R 2721	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	[B,IR]
R 2722	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	[B,IR]
R 2724	103P401O70	CHIP RESISTOR	1/10W 220Ω-J	[B,IR]
R 2725	103P401O70	CHIP RESISTOR	1/10W 220Ω-J	[B,IR]
R 2726	103P401O30	CHIP RESISTOR	1/10W 100Ω-J	[B,IR]
R 2727	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	[B,IR]
R 2728	103P403O90	CHIP RESISTOR	1/10W 15kΩ-J	[B,IR]
R 2729	103P404O10	CHIP RESISTOR	1/10W 22kΩ-J	[B,IR]
R 302	103P402O30	CHIP RESISTOR	1/10W 680Ω-J	
R 303	103P402O00	CHIP RESISTOR	1/10W 390Ω-J	
R 304	103P402O80	CHIP RESISTOR	1/10W 1.8kΩ-J	
R 306	103P409O50	CHIP RESISTOR	0.1W 0Ω(2125)	
R 307	103P402O00	CHIP RESISTOR	1/10W 390Ω-J	
R 308	103P402O20	CHIP RESISTOR	1/10W 560Ω-J	
R 309	103P402O20	CHIP RESISTOR	1/10W 560Ω-J	
R 310	103P402O00	CHIP RESISTOR	1/10W 390Ω-J	
R 311	103P400O20	CHIP METAL RESISTOR	1/10W 12Ω-J	
R 312	103P405O30	CHIP RESISTOR	1/10W 220kΩ-J	
R 3002	103P404O30	CHIP RESISTOR	1/10W 33kΩ-J	
R 3003	103P404O20	CHIP RESISTOR	1/10W 27kΩ-J	
R 3004	103P404O30	CHIP RESISTOR	1/10W 33kΩ-J	
R 3005	103P404O20	CHIP RESISTOR	1/10W 27kΩ-J	
R 3006	103P402O80	CHIP RESISTOR	1/10W 1.8kΩ-J	[B,IR]
R 3006	103P403O40	CHIP RESISTOR	1/10W 5.6kΩ-J	[E]
R 3007	103P404O20	CHIP RESISTOR	1/10W 27kΩ-J	[B,E,IR]
R 3008	103P402O80	CHIP RESISTOR	1/10W 1.8kΩ-J	[B,IR]
R 3008	103P403O40	CHIP RESISTOR	1/10W 5.6kΩ-J	[E]
R 3009	103P404O20	CHIP RESISTOR	1/10W 27kΩ-J	[B,E,IR]
R 3010	103P406O10	CHIP RESISTOR	1/10W 1MΩ-J	
R 3011	103P404O30	CHIP RESISTOR	1/10W 33kΩ-J	
R 3012	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	
R 3013	103P402O70	CHIP RESISTOR	1/10W 1.5kΩ-J	
R 3014	103P403O10	CHIP RESISTOR	1/10W 3.3kΩ-J	
R 3015	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	
R 3016	103P403O10	CHIP RESISTOR	1/10W 3.3kΩ-J	
R 3017	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	
R 3018	103P405O30	CHIP RESISTOR	1/10W 220kΩ-J	
R 3019	103P406O10	CHIP RESISTOR	1/10W 1MΩ-J	
R 3020	103P404O50	CHIP RESISTOR	1/10W 47kΩ-J	[E,GY]
R 3021	103P404O20	CHIP RESISTOR	1/10W 27kΩ-J	[E,GY]
R 3022	103P404O50	CHIP RESISTOR	1/10W 47kΩ-J	[E,GY]
R 3023	103P404O20	CHIP RESISTOR	1/10W 27kΩ-J	[E,GY]
R 3024	103P409O50	CHIP RESISTOR	0.1W 0Ω(2125)	
R 3026	103P404O50	CHIP RESISTOR	1/10W 47kΩ-J	
R 3027	103P404O40	CHIP RESISTOR	1/10W 39kΩ-J	[B,IR]
R 3027	103P404O50	CHIP RESISTOR	1/10W 47kΩ-J	[E,GY]
R 3031	103P404O30	CHIP RESISTOR	1/10W 33kΩ-J	
R 3032	103P403O80	CHIP RESISTOR	1/10W 12kΩ-J	
R 3034	103P403O80	CHIP RESISTOR	1/10W 12kΩ-J	
R 3035	103P472O90	CHIP RESISTOR	1/10W 1.5kΩ-F	[B,GY]

SYMBOL No.	PARTS No.	PARTS NAME	DESCRIPTION	
R 3036	103P476O20	CHIP RESISTOR	1/10W 36kΩ-F	[B,GY]
R 3036	103P409O50	CHIP RESISTOR	0.1W 0Ω(2125)	[E,IR]
R 3037	103P472O90	CHIP RESISTOR	1/10W 1.5kΩ-F	[B,GY]
R 3038	103P476O20	CHIP RESISTOR	1/10W 36kΩ-F	[B,GY]
R 3038	103P409O50	CHIP RESISTOR	0.1W 0Ω(2125)	[E,IR]
R 3100	103P409O50	CHIP RESISTOR	0.1W 0Ω(2125)	
R 3601	103P403O80	CHIP RESISTOR	1/10W 12kΩ-J	
R 3602	103P405O50	CHIP RESISTOR	1/10W 330kΩ-J	
R 3603	103P470O80	CHIP RESISTOR	1/10W 200Ω-F	
R 3604	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	
R 3605	103P404O50	CHIP RESISTOR	1/10W 47kΩ-J	
R 3606	103P402O00	CHIP RESISTOR	1/10W 390Ω-J	
R 3607	103P401O10	CHIP RESISTOR	1/10W 68Ω-J	
R 3608	103P403O40	CHIP RESISTOR	1/10W 5.6kΩ-J	
R 3609	103P403O30	CHIP RESISTOR	1/10W 4.7kΩ-J	
R 3610	103P404O10	CHIP RESISTOR	1/10W 22kΩ-J	
R 3611	103P403O20	CHIP RESISTOR	1/10W 3.9kΩ-J	
R 3612	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	
R 3613	103P404O20	CHIP RESISTOR	1/10W 27kΩ-J	
R 3614	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	
R 3615	103P408O40	CHIP RESISTOR	1/10W 2.2Ω-K	
R 3616	103P475O10	CHIP RESISTOR	1/10W 12kΩ-F	
R 3617	103P403O90	CHIP RESISTOR	1/10W 15kΩ-J	
R 3618	103P404O20	CHIP RESISTOR	1/10W 27kΩ-J	
R 3619	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	
R 3620	103P403O90	CHIP RESISTOR	1/10W 15kΩ-J	
R 3621	103P404O90	CHIP RESISTOR	1/10W 100kΩ-J	
R 3622	103P404O90	CHIP RESISTOR	1/10W 100kΩ-J	
R 3623	103P476O60	CHIP METAL RESISTOR	1/10W 51kΩ-F	
R 4A0	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	
R 4A1	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	
R 4A2	103P474O90	CHIP RESISTOR	1/10W 10kΩ-F	
R 4A3	103P472O70	CHIP RESISTOR	1/10W 1.2kΩ-F	
R 4A4	103P472O70	CHIP RESISTOR	1/10W 1.2kΩ-F	
R 4A5	103P404O20	CHIP RESISTOR	1/10W 27kΩ-J	
R 4A6	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	
R 4A7	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	
R 4A9	103P403O50	CHIP RESISTOR	1/10W 6.8kΩ-J	
R 4B0	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	
R 4B1	103P405O00	CHIP RESISTOR	1/10W 120kΩ-J	
R 4B2	103P403O20	CHIP RESISTOR	1/10W 3.9kΩ-J	
R 4B3	103P404O60	CHIP RESISTOR	1/10W 56kΩ-J	
R 4B4	103P405O40	CHIP RESISTOR	1/10W 270kΩ-J	
R 4B5	103P409O50	CHIP RESISTOR	0.1W 0Ω(2125)	
R 4B7	103P404O90	CHIP RESISTOR	1/10W 100kΩ-J	
R 4B8	103P405O50	CHIP RESISTOR	1/10W 330kΩ-J	
R 4B9	103P403O50	CHIP RESISTOR	1/10W 6.8kΩ-J	
R 4C0	103P404O10	CHIP RESISTOR	1/10W 22kΩ-J	
R 4C1	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	
R 4C2	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	
R 4C3	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	
R 4C4	103P403O50	CHIP RESISTOR	1/10W 6.8kΩ-J	
R 4C5	103P403O50	CHIP RESISTOR	1/10W 6.8kΩ-J	
R 4C6	103P405O10	CHIP RESISTOR	1/10W 150kΩ-J	
R 4C7	103P405O10	CHIP RESISTOR	1/10W 150kΩ-J	
R 4C8	103P405O30	CHIP RESISTOR	1/10W 220kΩ-J	
R 4C9	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	

SYMBOL No.	PARTS No.	PARTS NAME	DESCRIPTION	
R 4D0	103P404O90	CHIP RESISTOR	1/10W 100kΩ-J	
R 4D1	103P404O40	CHIP RESISTOR	1/10W 39kΩ-J	
R 4D2	103P405O30	CHIP RESISTOR	1/10W 220kΩ-J	
R 4D3	103P404O60	CHIP RESISTOR	1/10W 56kΩ-J	
R 4D4	103P404O30	CHIP RESISTOR	1/10W 33kΩ-J	
R 4D5	103P405O50	CHIP RESISTOR	1/10W 330kΩ-J	
R 4D6	103P402O90	CHIP RESISTOR	1/10W 2.2kΩ-J	
R 4D8	103P402O90	CHIP RESISTOR	1/10W 2.2kΩ-J	
R 4D9	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	
R 4E0	103P402O60	CHIP RESISTOR	1/10W 1.2kΩ-J	
R 4E1	103P404O90	CHIP RESISTOR	1/10W 100kΩ-J	
R 4E3	103P473O70	CHIP RESISTOR	1/10W 3.3kΩ-F	
R 4F1	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	
R 4S1	103P402O30	CHIP RESISTOR	1/10W 680Ω-J	
R 4S5	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	
R 4S6	103P404O00	CHIP RESISTOR	1/10W 18kΩ-J	
R 4S7	103P409O90	CHIP RESISTOR	1/10W 75Ω-J	
R 4S9	103P403O00	CHIP RESISTOR	1/10W 2.7kΩ-J	
R 551	103P402O90	CHIP RESISTOR	1/10W 2.2kΩ-J	
R 552	103P406O10	CHIP RESISTOR	1/10W 1MΩ-J	
R 553	103P404O90	CHIP RESISTOR	1/10W 100kΩ-J	
R 554	103P403O50	CHIP RESISTOR	1/10W 6.8kΩ-J	
R 555	103P406O20	CHIP METAL RESISTOR	1/10W 1.2MΩ-J	
R 556	103P403O50	CHIP RESISTOR	1/10W 6.8kΩ-J	
R 557	103P406O20	CHIP METAL RESISTOR	1/10W 1.2MΩ-J	
R 573	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	[B,IR]
R 575	103P402O00	CHIP RESISTOR	1/10W 390Ω-J	[B,IR]
R 583	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	[B,IR]
R 585	103P402O00	CHIP RESISTOR	1/10W 390Ω-J	[B,IR]
R 5A1	103P404O10	CHIP RESISTOR	1/10W 22kΩ-J	
R 5A2	103P404O10	CHIP RESISTOR	1/10W 22kΩ-J	
R 5A3	103P404O10	CHIP RESISTOR	1/10W 22kΩ-J	
R 5A8	103P401O70	CHIP RESISTOR	1/10W 220Ω-J	
R 5A9	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	
R 5B0	103P402O10	CHIP RESISTOR	1/10W 470Ω-J	
R 5B1	103P404O30	CHIP RESISTOR	1/10W 33kΩ-J	
R 5B2	103P402O30	CHIP RESISTOR	1/10W 680Ω-J	[B,IR]
R 5B2	103P403O90	CHIP RESISTOR	1/10W 15kΩ-J	[E,GY]
R 5B3	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	
R 5B5	103P405O50	CHIP RESISTOR	1/10W 330kΩ-J	
R 5B6	103P405O50	CHIP RESISTOR	1/10W 330kΩ-J	
R 5B8	103P404O80	CHIP RESISTOR	1/10W 82kΩ-J	
R 5B9	103P404O90	CHIP RESISTOR	1/10W 100kΩ-J	
R 5C0	103P404O90	CHIP RESISTOR	1/10W 100kΩ-J	
R 5C1	103P401O90	CHIP RESISTOR	1/10W 330Ω-J	
R 5C2	103P404O30	CHIP RESISTOR	1/10W 33kΩ-J	
R 5C3	103P404O30	CHIP RESISTOR	1/10W 33kΩ-J	
R 5C6	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	
R 5C7	103P404O90	CHIP RESISTOR	1/10W 100kΩ-J	
R 5D4	103P405O30	CHIP RESISTOR	1/10W 220kΩ-J	
R 5D5	103P406O10	CHIP RESISTOR	1/10W 1MΩ-J	
R 5D6	103P405O70	CHIP RESISTOR	1/10W 470kΩ-J	
R 5D7	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	
R 5D8	103P404O20	CHIP RESISTOR	1/10W 27kΩ-J	
R 5D9	103P404O20	CHIP RESISTOR	1/10W 27kΩ-J	
R 5E0	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	
R 5E1	103P403O90	CHIP RESISTOR	1/10W 15kΩ-J	

SYMBOL No.	PARTS No.	PARTS NAME	DESCRIPTION	
R 5E2	103P404O00	CHIP RESISTOR	1/10W 18kΩ-J	
R 5E3	103P406O90	CHIP METAL RESISTOR	1/10W 4.7MΩ-K	
R 5E4	103P406O90	CHIP METAL RESISTOR	1/10W 4.7MΩ-K	
R 5E5	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	
R 5E6	103P477O10	CHIP RESISTOR	1/10W 82kΩ-F	
R 5E7	103P476O30	CHIP RESISTOR	1/10W 39kΩ-F	
R 5E8	103P475O60	CHIP RESISTOR	1/10W 20kΩ-F	
R 5E9	103P404O00	CHIP RESISTOR	1/10W 18kΩ-J	
R 5F0	103P403O30	CHIP RESISTOR	1/10W 4.7kΩ-J	
R 5F7	103P402O90	CHIP RESISTOR	1/10W 2.2kΩ-J	
R 5F8	103P402O90	CHIP RESISTOR	1/10W 2.2kΩ-J	
R 5F9	103P403O60	CHIP RESISTOR	1/10W 8.2kΩ-J	[E,GY]
R 5G0	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	
R 5H1	103P404O90	CHIP RESISTOR	1/10W 100kΩ-J	
R 5H3	103P404O30	CHIP RESISTOR	1/10W 33kΩ-J	
R 5H4	103P404O30	CHIP RESISTOR	1/10W 33kΩ-J	
R 5H7	103P404O90	CHIP RESISTOR	1/10W 100kΩ-J	
R 5H8	103P406O10	CHIP RESISTOR	1/10W 1MΩ-J	
R 5J1	103P404O00	CHIP RESISTOR	1/10W 18kΩ-J	
R 5J3	103P402O90	CHIP RESISTOR	1/10W 2.2kΩ-J	
R 5J6	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	[E,GY]
R 5J7	103P404O10	CHIP RESISTOR	1/10W 22kΩ-J	
R 5J8	103P401O90	CHIP RESISTOR	1/10W 330Ω-J	
R 5K0	103P403O50	CHIP RESISTOR	1/10W 6.8kΩ-J	
R 701	103P404O20	CHIP RESISTOR	1/10W 27kΩ-J	[E,GY]
R 702	103P403O90	CHIP RESISTOR	1/10W 15kΩ-J	[E,GY]
R 703	103P472O00	CHIP RESISTOR	1/10W 620Ω-F	[E,GY]
R 704	103P472O00	CHIP RESISTOR	1/10W 620Ω-F	[E,GY]
R 705	103P401O70	CHIP RESISTOR	1/10W 220Ω-J	[E,GY]
R 706	103P401O30	CHIP RESISTOR	1/10W 100Ω-J	[E,GY]
R 707	103P404O20	CHIP RESISTOR	1/10W 27kΩ-J	[E,GY]
R 710	103P403O50	CHIP RESISTOR	1/10W 6.8kΩ-J	[E,GY]
R 731	103P403O10	CHIP RESISTOR	1/10W 3.3kΩ-J	[E,GY]
R 732	103P403O10	CHIP RESISTOR	1/10W 3.3kΩ-J	[E,GY]
R 7A1	103P403O60	CHIP RESISTOR	1/10W 8.2kΩ-J	[B,E,IR]
R 7A2	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	[B,E,IR]
R 7A3	103P402O30	CHIP RESISTOR	1/10W 680Ω-J	[B,E,IR]
R 7A4	103P401O10	CHIP RESISTOR	1/10W 68Ω-J	[B,E,IR]
R 7C0	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	[B,E,IR]
R 7C1	103P404O10	CHIP RESISTOR	1/10W 22kΩ-J	[B,E,IR]
R 7C2	103P406O10	CHIP RESISTOR	1/10W 1MΩ-J	[B,E,IR]
R 7C4	103P405O90	CHIP RESISTOR	1/10W 680kΩ-J	[B,E,IR]
R 7C5	103P406O10	CHIP RESISTOR	1/10W 1MΩ-J	[B,E,IR]
R 7C6	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	[B,E,IR]
R 7C7	103P406O10	CHIP RESISTOR	1/10W 1MΩ-J	[B,E,IR]
R 7C8	103P403O70	CHIP RESISTOR	1/10W 10kΩ-J	[B,E,IR]
R 7C9	103P402O80	CHIP RESISTOR	1/10W 1.8kΩ-J	[B,E,IR]
R 7D0	103P404O30	CHIP RESISTOR	1/10W 33kΩ-J	[B,E,IR]
R 7D1	103P401O30	CHIP RESISTOR	1/10W 100Ω-J	[B,E,IR]
R 7D2	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	[B,E,IR]
R 8A0	103P409O90	CHIP RESISTOR	1/10W 75Ω-J	
R 8A1	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	
R 8A2	103P402O50	CHIP RESISTOR	1/10W 1kΩ-J	
R 8A3	103P409O50	CHIP RESISTOR	0.1W 0Ω(2125)	
R 8A4	103P409O50	CHIP RESISTOR	0.1W 0Ω(2125)	
R 8X1	103P404O50	CHIP RESISTOR	1/10W 47kΩ-J	

SYMBOL No.	PARTS No.	PARTS NAME	DESCRIPTION	
R 8X2	103P401080	CHIP RESISTOR	1/10W 270Ω-J	[B,E,IR]
R 8X2	103P401090	CHIP RESISTOR	1/10W 330Ω-J	[GY]
R 8X3	103P403040	CHIP RESISTOR	1/10W 5.6kΩ-J	
R 8X4	103P404060	CHIP RESISTOR	1/10W 56kΩ-J	
R 8X5	103P403070	CHIP RESISTOR	1/10W 10kΩ-J	
R 8X6	103P404060	CHIP RESISTOR	1/10W 56kΩ-J	
R 8X7	103P403070	CHIP RESISTOR	1/10W 10kΩ-J	
R 8X8	103P403070	CHIP RESISTOR	1/10W 10kΩ-J	
R 8X9	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
R 901	102P108060	WIRE RESISTOR	2W 3.3Ω-J	
R 910	109D036040	COMPOSITION RESISTOR	1/2W 8.2MΩ-K	
R 9A5	103P405080	CHIP RESISTOR	1/10W 560kΩ-J	
R 9A7	103P404030	CHIP RESISTOR	1/10W 33kΩ-J	
R 9A8	109P052010	FUSE RESISTOR	1/4W 100Ω-J	
R 9A9	103P403010	CHIP RESISTOR	1/10W 3.3kΩ-J	
R 9B3	103P475030	CHIP RESISTOR	1/10W 15kΩ-F	
R 9B6	103P476060	CHIP METAL RESISTOR	1/10W 51kΩ-F	
R 9C0	103P403070	CHIP RESISTOR	1/10W 10kΩ-J	
R 9C1	103P403000	CHIP RESISTOR	1/10W 2.7kΩ-J	
R 9C3	103P404020	CHIP RESISTOR	1/10W 27kΩ-J	
R 9C4	103P403070	CHIP RESISTOR	1/10W 10kΩ-J	
R 9C5	103P378050	FUSE RESISTOR	1/4W 2.7Ω-J	
R 9D1	103P401050	CHIP RESISTOR	1/10W 150Ω-J	
R 9E1	103P403070	CHIP RESISTOR	1/10W 10kΩ-J	[E,GY]
R 9E3	103P404050	CHIP RESISTOR	1/10W 47kΩ-J	[E,GY]
R 9E4	103P404050	CHIP RESISTOR	1/10W 47kΩ-J	[E,GY]
R 9E5	103P403040	CHIP RESISTOR	1/10W 5.6kΩ-J	[E,GY]
R 9E6	103P403040	CHIP RESISTOR	1/10W 5.6kΩ-J	[E,GY]
R 9E7	103P404050	CHIP RESISTOR	1/10W 47kΩ-J	[E,GY]
R 9E9	103P403030	CHIP RESISTOR	1/10W 4.7kΩ-J	[E,GY]
R 9F0	103P404090	CHIP RESISTOR	1/10W 100kΩ-J	
R 9F1	103P403040	CHIP RESISTOR	1/10W 5.6kΩ-J	[E,GY]
R 9F2	103P403040	CHIP RESISTOR	1/10W 5.6kΩ-J	[E,GY]
RJ 4	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 6	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 7	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 8	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	[E,GY]
RJ 9	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 10	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 12	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 13	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 14	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	[E,GY]
RJ 15	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 22	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 23	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 24	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 31	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	[E,GY]
RJ 32	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 33	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 34	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 35	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 36	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 37	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 38	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 39	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 40	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 41	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	

SYMBOL No.	PARTS No.	PARTS NAME	DESCRIPTION	
RJ 44	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 45	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 46	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 47	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 48	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 50	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	[E,GY
RJ 53	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 60	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	[E,GY
RJ 61	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	[E,GY
RJ 62	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	[E,GY
RJ 63	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 64	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 65	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 66	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 67	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 68	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 69	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 70	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 71	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 72	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 73	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ 74	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	
RJ701	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	[E,GY
RJ702	103P409050	CHIP RESISTOR	0.1W 0Ω(2125)	

CAPACITORS AND TRIMMERS

C 104	141P130090	CHIP CAPACITOR	B50V 1000pF-K
C 201	141P132000	CHIP CAPACITOR	B50V 8200pF-K
C 202	154P323000	CHIP CAPACITOR	SL50V 56pF-J
C 203	141P132000	CHIP CAPACITOR	B50V 8200pF-K
C 204	154P323000	CHIP CAPACITOR	SL50V 56pF-J
C 205	141P132000	CHIP CAPACITOR	B50V 8200pF-K
C 206	154P322080	CHIP CAPACITOR	SL50V 47pF-J
C 207	141P132000	CHIP CAPACITOR	B50V 8200pF-K
C 208	141P132000	CHIP CAPACITOR	B50V 8200pF-K
C 209	154P322080	CHIP CAPACITOR	SL50V 47pF-J
C 210	141P132000	CHIP CAPACITOR	B50V 8200pF-K
C 211	141P132000	CHIP CAPACITOR	B50V 8200pF-K
C 212	141P132000	CHIP CAPACITOR	B50V 8200pF-K
C 213	141P132000	CHIP CAPACITOR	B50V 8200pF-K
C 215	141P132000	CHIP CAPACITOR	B50V 8200pF-K
C 217	141P132000	CHIP CAPACITOR	B50V 8200pF-K
C 218	141P132000	CHIP CAPACITOR	B50V 8200pF-K
C 219	141P132010	CHIP CAPACITOR	B50V 0.01μF-K
C 226	141P139030	CHIP CAPACITOR	B25V 0.1μF-K
C 227	141P139030	CHIP CAPACITOR	B25V 0.1μF-K
C 2A0	154P324040	CHIP CAPACITOR	SL50V 220pF-J
C 2A1	154P323020	CHIP CAPACITOR	SL50V 68pF-J
C 2A2	154P325060	CHIP CAPACITOR	SL50V 680pF-J
C 2A3	141P139030	CHIP CAPACITOR	B25V 0.1μF-K
C 2A5	141P137030	CHIP CAPACITOR	B50V 0.018μF-K
C 2A6	154P321060	CHIP CAPACITOR	SL50V 15pF-J
C 2A7	141P130090	CHIP CAPACITOR	B50V 1000pF-K
C 2A8	154P324040	CHIP CAPACITOR	SL50V 220pF-J
C 2A9	141P132000	CHIP CAPACITOR	B50V 8200pF-K
C 2B0	141P132000	CHIP CAPACITOR	B50V 8200pF-K

SYMBOL No.	PARTS No.	PARTS NAME	DESCRIPTION	
C 2B3	141P139O00	CHIP CAPACITOR	B25V 0.056μF-K	
C 2B5	141P139O30	CHIP CAPACITOR	B25V 0.1μF-K	
C 2B7	154P322O40	CHIP CAPACITOR	SL50V 33pF-J	
C 2B8	141P133O80	CHIP CAPACITOR	F50V 0.01μF-Z	
C 2D1	141P139O30	CHIP CAPACITOR	B25V 0.1μF-K	
C 2D2	141P131O90	CHIP CAPACITOR	B50V 6800pF-K	
C 2D4	154P324O00	CHIP CAPACITOR	SL50V 150pF-J	
C 2D5	141P132O10	CHIP CAPACITOR	B50V 0.01μF-K	
C 2E0	141P132O00	CHIP CAPACITOR	B50V 8200pF-K	
C 2E1	141P132O00	CHIP CAPACITOR	B50V 8200pF-K	
C 2E2	141P139O30	CHIP CAPACITOR	B25V 0.1μF-K	
C 2E3	141P132O00	CHIP CAPACITOR	B50V 8200pF-K	
C 2E4	141P132O00	CHIP CAPACITOR	B50V 8200pF-K	
C 2E5	141P132O00	CHIP CAPACITOR	B50V 8200pF-K	
C 2E6	141P131O70	CHIP CAPACITOR	B50V 4700pF-K	
C 2E7	141P132O00	CHIP CAPACITOR	B50V 8200pF-K	
C 2E9	141P132O00	CHIP CAPACITOR	B50V 8200pF-K	
C 2F0	141P132O00	CHIP CAPACITOR	B50V 8200pF-K	
C 2F1	141P139O30	CHIP CAPACITOR	B25V 0.1μF-K	
C 2F2	141P132O00	CHIP CAPACITOR	B50V 8200pF-K	
C 2F3	141P132O00	CHIP CAPACITOR	B50V 8200pF-K	
C 2F4	141P132O00	CHIP CAPACITOR	B50V 8200pF-K	
C 2F7	141P132O00	CHIP CAPACITOR	B50V 8200pF-K	
C 2H0	141P132O00	CHIP CAPACITOR	B50V 8200pF-K	
C 2H1	154P325O20	CHIP CAPACITOR	SL50V 470pF-J	
C 2H2	141P132O00	CHIP CAPACITOR	B50V 8200pF-K	
C 2H3	154P323O20	CHIP CAPACITOR	SL50V 68pF-J	
C 2H4	154P323O00	CHIP CAPACITOR	SL50V 56pF-J	
C 2H5	141P132O00	CHIP CAPACITOR	B50V 8200pF-K	
C 2V0	154P332O30	CHIP CAPACITOR	CH50V 33pF-J	
C 2V1	154P332O30	CHIP CAPACITOR	CH50V 33pF-J	
C 2V2	154P322O80	CHIP CAPACITOR	SL50V 47pF-J	[E,GY]
C 2V3	141P133O80	CHIP CAPACITOR	F50V 0.01μF-Z	
C 2V4	141P132O10	CHIP CAPACITOR	B50V 0.01μF-K	
C 2V5	141P130O50	CHIP CAPACITOR	B50V 470pF-K	
C 2V6	141P132O00	CHIP CAPACITOR	B50V 8200pF-K	
C 2V7	141P131O10	CHIP CAPACITOR	B50V 1500pF-K	
C 2V8	141P132O00	CHIP CAPACITOR	B50V 8200pF-K	
C 2V9	141P132O00	CHIP CAPACITOR	B50V 8200pF-K	
C 2601	141P137O40	CHIP CAPACITOR	B25V 0.022μF-K	[E,GY]
C 2603	141P137O40	CHIP CAPACITOR	B25V 0.022μF-K	[E,GY]
C 2604	141P135O80	CHIP CAPACITOR	F25V 0.1μF-Z	[E,GY]
C 2605	141P137O40	CHIP CAPACITOR	B25V 0.022μF-K	[E,GY]
C 2606	141P135O80	CHIP CAPACITOR	F25V 0.1μF-Z	[E,GY]
C 2615	141P135O80	CHIP CAPACITOR	F25V 0.1μF-Z	[E,GY]
C 2616	141P137O40	CHIP CAPACITOR	B25V 0.022μF-K	[E,GY]
C 2618	141P132O00	CHIP CAPACITOR	B50V 8200pF-K	[E,GY]
C 2633	154P324O80	CHIP CAPACITOR	SL50V 330pF-J	[E,GY]
C 2634	141P130O30	CHIP CAPACITOR	B50V 330pF-K	[E,GY]
C 2635	141P130O30	CHIP CAPACITOR	B50V 330pF-K	[E,GY]
C 2636	141P130O30	CHIP CAPACITOR	B50V 330pF-K	[E,GY]
C 2637	141P130O30	CHIP CAPACITOR	B50V 330pF-K	[E,GY]
C 2638	141P131O20	CHIP CAPACITOR	B50V 1800pF-K	[E,GY]
C 2639	141P131O90	CHIP CAPACITOR	B50V 6800pF-K	[E,GY]
C 2640	141P131O20	CHIP CAPACITOR	B50V 1800pF-K	[E,GY]
C 2641	141P131O90	CHIP CAPACITOR	B50V 6800pF-K	[E,GY]
C 2642	154P324O80	CHIP CAPACITOR	SL50V 330pF-J	[E,GY]

SYMBOL No.	PARTS No.	PARTS NAME	DESCRIPTION	
C 2643	141P130O30	CHIP CAPACITOR	B50V 330pF-K	[E,GY]
C 2644	141P130O30	CHIP CAPACITOR	B50V 330pF-K	[E,GY]
C 2645	141P130O30	CHIP CAPACITOR	B50V 330pF-K	[E,GY]
C 2646	141P130O30	CHIP CAPACITOR	B50V 330pF-K	[E,GY]
C 2647	141P131O20	CHIP CAPACITOR	B50V 1800pF-K	[E,GY]
C 2648	141P131O90	CHIP CAPACITOR	B50V 6800pF-K	[E,GY]
C 2649	141P131O20	CHIP CAPACITOR	B50V 1800pF-K	[E,GY]
C 2650	141P131O90	CHIP CAPACITOR	B50V 6800pF-K	[E,GY]
C 2651	154P324O80	CHIP CAPACITOR	SL50V 330pF-J	[E,GY]
C 2652	154P324O80	CHIP CAPACITOR	SL50V 330pF-J	[E,GY]
C 2655	141P132O00	CHIP CAPACITOR	B50V 8200pF-K	[E,GY]
C 2733	154P324O80	CHIP CAPACITOR	SL50V 330pF-J	[B,IR]
C 2734	141P130O30	CHIP CAPACITOR	B50V 330pF-K	[B,IR]
C 2735	141P130O30	CHIP CAPACITOR	B50V 330pF-K	[B,IR]
C 2736	141P130O30	CHIP CAPACITOR	B50V 330pF-K	[B,IR]
C 2737	141P130O30	CHIP CAPACITOR	B50V 330pF-K	[B,IR]
C 2742	154P324O80	CHIP CAPACITOR	SL50V 330pF-J	[B,IR]
C 2743	141P130O30	CHIP CAPACITOR	B50V 330pF-K	[B,IR]
C 2744	141P130O30	CHIP CAPACITOR	B50V 330pF-K	[B,IR]
C 2745	141P130O30	CHIP CAPACITOR	B50V 330pF-K	[B,IR]
C 2746	141P130O30	CHIP CAPACITOR	B50V 330pF-K	[B,IR]
C 2747	141P131O20	CHIP CAPACITOR	B50V 1800pF-K	[B,IR]
C 2748	141P131O90	CHIP CAPACITOR	B50V 6800pF-K	[B,IR]
C 2749	141P131O20	CHIP CAPACITOR	B50V 1800pF-K	[B,IR]
C 2750	141P131O90	CHIP CAPACITOR	B50V 6800pF-K	[B,IR]
C 2751	154P324O80	CHIP CAPACITOR	SL50V 330pF-J	[B,IR]
C 2752	154P324O80	CHIP CAPACITOR	SL50V 330pF-J	[B,IR]
C 2773	141P133O80	CHIP CAPACITOR	F50V 0.01μF-Z	[B,IR]
C 301	141P139O30	CHIP CAPACITOR	B25V 0.1μF-K	
C 302	141P135O80	CHIP CAPACITOR	F25V 0.1μF-Z	
C 303	141P132O10	CHIP CAPACITOR	B50V 0.01μF-K	
C 304	141P133O80	CHIP CAPACITOR	F50V 0.01μF-Z	
C 305	141P135O80	CHIP CAPACITOR	F25V 0.1μF-Z	
C 307	141P139O30	CHIP CAPACITOR	B25V 0.1μF-K	
C 308	154P324O40	CHIP CAPACITOR	SL50V 220pF-J	
C 309	141P139O30	CHIP CAPACITOR	B25V 0.1μF-K	
C 310	141P133O80	CHIP CAPACITOR	F50V 0.01μF-Z	
C 311	154P323O60	CHIP CAPACITOR	SL50V 100pF-J	
C 312	154P323O60	CHIP CAPACITOR	SL50V 100pF-J	
C 313	141P133O80	CHIP CAPACITOR	F50V 0.01μF-Z	
C 314	141P139O30	CHIP CAPACITOR	B25V 0.1μF-K	
C 315	141P139O30	CHIP CAPACITOR	B25V 0.1μF-K	
C 3009	141P132O10	CHIP CAPACITOR	B50V 0.01μF-K	
C 3012	141P132O10	CHIP CAPACITOR	B50V 0.01μF-K	
C 3013	141P132O10	CHIP CAPACITOR	B50V 0.01μF-K	
C 3020	141P139O30	CHIP CAPACITOR	B25V 0.1μF-K	
C 3021	141P139O00	CHIP CAPACITOR	B25V 0.056μF-K	
C 3022	141P130O70	CHIP CAPACITOR	B50V 680pF-K	
C 3026	141P135O80	CHIP CAPACITOR	F25V 0.1μF-Z	
C 3034	141P133O80	CHIP CAPACITOR	F50V 0.01μF-Z	[B,GY]
C 3035	141P133O80	CHIP CAPACITOR	F50V 0.01μF-Z	[B,GY]
C 3042	141P135O10	CHIP CAPACITOR	F25V 0.33μF-Z	
C 3043	141P132O10	CHIP CAPACITOR	B50V 0.01μF-K	
C 3044	141P135O80	CHIP CAPACITOR	F25V 0.1μF-Z	
C 3603	141P131O40	CHIP CAPACITOR	B50V 2700pF-K	
C 3605	141P130O70	CHIP CAPACITOR	B50V 680pF-K	
C 3610	141P139O30	CHIP CAPACITOR	B25V 0.1μF-K	

SYMBOL No.	PARTS No.	PARTS NAME	DESCRIPTION	
C 3611	141P130O60	CHIP CAPACITOR	B50V 560pF-K	
C 3614	141P130O90	CHIP CAPACITOR	B50V 1000pF-K	
C 3615	141P132O00	CHIP CAPACITOR	B50V 8200pF-K	
C 3617	141P130O90	CHIP CAPACITOR	B50V 1000pF-K	
C 3619	141P132O00	CHIP CAPACITOR	B50V 8200pF-K	
C 3620	154P323O60	CHIP CAPACITOR	SL50V 100pF-J	
C 3621	154P323O60	CHIP CAPACITOR	SL50V 100pF-J	
C 3622	154P324O40	CHIP CAPACITOR	SL50V 220pF-J	
C 4B0	141P131O80	CHIP CAPACITOR	B50V 5600pF-K	
C 4B1	141P131O80	CHIP CAPACITOR	B50V 5600pF-K	
C 4B3	141P132O00	CHIP CAPACITOR	B50V 8200pF-K	
C 4B5	141P130O90	CHIP CAPACITOR	B50V 1000pF-K	
C 4B6	141P139O00	CHIP CAPACITOR	B25V 0.056µF-K	
C 4B7	154P332O10	CHIP CAPACITOR	CH50V 27pF-J	
C 4B8	141P139O10	CHIP CAPACITOR	B25V 0.068µF-K	
C 4B9	141P139O30	CHIP CAPACITOR	B25V 0.1µF-K	
C 4C0	141P131O50	CHIP CAPACITOR	B50V 3300pF-K	
C 4C4	141P133O80	CHIP CAPACITOR	F50V 0.01µF-Z	
C 4C5	141P133O80	CHIP CAPACITOR	F50V 0.01µF-Z	
C 4C9	141P131O60	CHIP CAPACITOR	B50V 3900pF-K	
C 4D0	141P131O10	CHIP CAPACITOR	B50V 1500pF-K	
C 4D3	141P137O70	CHIP CAPACITOR	B25V 0.039µF-K	
C 4D7	141P137O70	CHIP CAPACITOR	B25V 0.039µF-K	
C 4G7	154P333O50	CHIP CAPACITOR	CH50V 100pF-J	
C 4G8	154P333O50	CHIP CAPACITOR	CH50V 100pF-J	
C 4J0	154P332O30	CHIP CAPACITOR	CH50V 33pF-J	
C 551	154P324O00	CHIP CAPACITOR	SL50V 150pF-J	
C 552	141P137O60	CHIP CAPACITOR	B50V 0.033µF-K	
C 554	141P131O30	CHIP CAPACITOR	B50V 2200pF-K	
C 555	141P137O60	CHIP CAPACITOR	B50V 0.033µF-K	
C 556	141P133O80	CHIP CAPACITOR	F50V 0.01µF-Z	
C 573	154P331O70	CHIP CAPACITOR	CH50V 18pF-J	[B,IR]
C 574	154P331O70	CHIP CAPACITOR	CH50V 18pF-J	[B,IR]
C 576	141P133O80	CHIP CAPACITOR	F50V 0.01µF-Z	[B,IR]
C 5A0	189P197O20	ELE DOUBLE LAYER C	FM0H473Z	
C 5A3	141P134O10	CHIP CAPACITOR	F50V 0.047µF-Z	
C 5A5	141P135O80	CHIP CAPACITOR	F25V 0.1µF-Z	
C 5A6	141P133O80	CHIP CAPACITOR	F50V 0.01µF-Z	
C 5A7	141P133O80	CHIP CAPACITOR	F50V 0.01µF-Z	
C 5A8	141P133O80	CHIP CAPACITOR	F50V 0.01µF-Z	
C 5A9	141P133O90	CHIP CAPACITOR	F50V 0.022µF-Z	
C 5B1	141P133O80	CHIP CAPACITOR	F50V 0.01µF-Z	
C 5B2	141P133O80	CHIP CAPACITOR	F50V 0.01µF-Z	
C 5B3	141P133O80	CHIP CAPACITOR	F50V 0.01µF-Z	
C 5B5	141P134O10	CHIP CAPACITOR	F50V 0.047µF-Z	
C 5B6	154P331O70	CHIP CAPACITOR	CH50V 18pF-J	
C 5B7	154P331O70	CHIP CAPACITOR	CH50V 18pF-J	
C 5B8	154P330O90	CHIP CAPACITOR	CH50V 8pF-C	
C 5B9	154P331O10	CHIP CAPACITOR	CH50V 10pF-C	
C 5C0	141P130O60	CHIP CAPACITOR	B50V 560pF-K	
C 701	141P133O80	CHIP CAPACITOR	F50V 0.01µF-Z	[E,GY]
C 703	141P133O80	CHIP CAPACITOR	F50V 0.01µF-Z	[E,GY]
C 704	141P133O80	CHIP CAPACITOR	F50V 0.01µF-Z	[E,GY]
C 705	141P133O80	CHIP CAPACITOR	F50V 0.01µF-Z	[E,GY]
C 706	141P133O80	CHIP CAPACITOR	F50V 0.01µF-Z	[E,GY]
C 707	141P133O80	CHIP CAPACITOR	F50V 0.01µF-Z	[E,GY]

SYMBOL No.	PARTS No.	PARTS NAME	DESCRIPTION	
C 709	141P132O10	CHIP CAPACITOR	B50V 0.01µF-K	[E,GY
C 714	141P133O80	CHIP CAPACITOR	F50V 0.01µF-Z	[E,GY
C 721	154P322O80	CHIP CAPACITOR	SL50V 47pF-J	[E,GY
C 7A1	141P139O30	CHIP CAPACITOR	B25V 0.1µF-K	[B,E,IR
C 7A2	141P133O80	CHIP CAPACITOR	F50V 0.01µF-Z	[B,E,IR
C 7C0	154P324O40	CHIP CAPACITOR	SL50V 220pF-J	[B,E,IR
C 7C1	141P139O30	CHIP CAPACITOR	B25V 0.1µF-K	[B,E,IR
C 7C3	141P139O30	CHIP CAPACITOR	B25V 0.1µF-K	[B,E,IR
C 7C5	141P139O30	CHIP CAPACITOR	B25V 0.1µF-K	[B,E,IR
C 7C8	154P322O80	CHIP CAPACITOR	SL50V 47pF-J	[B,E,IR
C 7C9	154P322O80	CHIP CAPACITOR	SL50V 47pF-J	[B,E,IR
C 7D3	141P139O30	CHIP CAPACITOR	B25V 0.1µF-K	[B,E,IR
C 7D4	141P139O30	CHIP CAPACITOR	B25V 0.1µF-K	[B,E,IR
C 7D6	154P323O20	CHIP CAPACITOR	SL50V 68pF-J	[B,E,IR
C 7D9	141P139O30	CHIP CAPACITOR	B25V 0.1µF-K	[B,E,IR
C 7E0	154P323O20	CHIP CAPACITOR	SL50V 68pF-J	[B,E,IR
C 7E5	141P139O30	CHIP CAPACITOR	B25V 0.1µF-K	[B,E,IR
C 7E6	154P321O20	CHIP CAPACITOR	SL50V 10pF-C	[B,E,IR
C 7E8	141P139O30	CHIP CAPACITOR	B25V 0.1µF-K	[B,E,IR
C 7F0	141P130O40	CHIP CAPACITOR	B50V 390pF-K	[B,E,IR
C 7F1	141P137O80	CHIP CAPACITOR	B25V 0.047µF-K	[B,E,IR
C 8A0	141P130O10	CHIP CAPACITOR	B50V 220pF-K	
C 8A1	141P130O30	CHIP CAPACITOR	B50V 330pF-K	
C 8A2	141P130O30	CHIP CAPACITOR	B50V 330pF-K	
C 8X2	154P323O20	CHIP CAPACITOR	SL50V 68pF-J	
C 901	189P153O40	M-P CAPACITOR-AC	AC250V 0.1µF-M	
C 904	189P153O40	M-P CAPACITOR-AC	AC250V 0.1µF-M	
C 909	189P094O60	CERAMIC CAPACITOR AC	ACT4K E1000pF-M	[B,IR
C 909	189P094O40	CERAMIC CAPACITOR AC	ACT4K E2200pF-M	[E,GY
C 9A9	141P133O80	CHIP CAPACITOR	F50V 0.01µF-Z	
C 9B1	141P133O80	CHIP CAPACITOR	F50V 0.01µF-Z	
C 9B2	141P139O30	CHIP CAPACITOR	B25V 0.1µF-K	
SWITCHES				
S 101	431C110O10	SLIDE SWITCH	ANTENNA	[E,GY,IR]
S 5A6	432P089O20	KEY BOARD SWITCH	PAUSE	
S 5A7	432P089O20	KEY BOARD SWITCH	O.K.PROG	
S 5A8	432P089O20	KEY BOARD SWITCH	REC/OTR	
S 5B0	432P089O20	KEY BOARD SWITCH	PLAY/STOP	
S 5B1	432P166O10	KEY BOARD SWITCH	RESET	
S 8A0	432P089O20	KEY BOARD SWITCH	POWER	
S 8A1	432P089O20	KEY BOARD SWITCH	EJECT	
S 8A3	432P089O20	KEY BOARD SWITCH	AUTO SET-UP/EASY SET-UP	
S 8A4	432P089O40	KEY BOARD SWITCH	COUNTER-RESET	[B,IR]
S 8A4	432P089O40	KEY BOARD SWITCH	POWER-SAVE	[E,GY]
S 8A5	432P089O40	KEY BOARD SWITCH	INS	
S 8A6	432P089O40	KEY BOARD SWITCH	AFR	
O S 8J0	439P041O10	JOG SWITCH	JOG	
MISCELLANEOUS				
F 901	283D147O40	FUSE	T2A	
J 2601	452C210O10	CONNECTOR	21	[E,GY]
J 2602	452C210O10	CONNECTOR	21	[E,GY]
J 2603	451C086O90	RCA PIN JACK	WHITE	[E,GY]
J 2604	451C086O10	RCA PIN JACK	RED	[E,GY]
J 2701	452C210O10	CONNECTOR	21	[B,IR]
J 2702	452C210O10	CONNECTOR	21	[B,IR]

SYMBOL No.	PARTS No.	PARTS NAME	DESCRIPTION	
J 2703	451C086O90	RCA PIN JACK	WHITE	[B,IR]
J 2704	451C086O10	RCA PIN JACK	RED	[B,IR]
J 581	451C193O10	HEADPHONE JACK		[B,IR]
J 8A0	440C267O50	PIN JACK (3PIN)	YEL,WHT,RED	
J 8A3	451C117O10	HEADPHONE JACK	BLACK	
JK MK	243C155O40	CARD LEAD WIRE	9P L=140(MZ-PZ)	
M 572	288P159O10	CAPSTAN MOTOR	F2QTB22	
MA DA	243C193O30	CARD LEAD WIRE	7PIN L=120	
MD DD	243C193O50	CARD LEAD WIRE	7PIN L=160	
ME HE	243C157O20	CARD LEAD WIRE	13P L=100	
PC901	268P069O10	PHOTO COUPLER	ON3171R	
PC902	268P069O10	PHOTO COUPLER	ON3171R	[E,GY]
SA901	299P198O10	SURGE ABSORBER	ERZV07D471	
T 371	460P055O50	FE HEAD		
TU 01	295P455O20	TUNER	ENG57539N1	[B]
TU 01	295P455O10	TUNER	ENG57538N	[E,GY]
TU 01	295P455O40	TUNER	ENG57544N	[IR]
V 5A0	253P127O30	FLOUR DISPLAY TUBE	25U48104TA	
X 2A0	285P304O10	CRYSTAL RESONATOR	4.43MHz	
X 4A0	285P272O10	CRYSTAL RESONATOR	4.43362MHz	
X 571	285P029O40	CRYSTAL RESONATOR	4.00000MHz	[B,IR]
X 5A0	285P054O30	CRYSTAL RESONATOR	32.8kHz	
X 5A1	285P235O10	CRYSTAL RESONATOR	8.3886MHz	
X 701	285P204O20	CRYSTAL RESONATOR	10MHz	[E,GY]
X 7A0	285P253O10	CRYSTAL RESONATOR	8.192MHz	[B,E,IR]
Z 5A0	939P580O40	PREAMP UNIT	TFMX 5330	

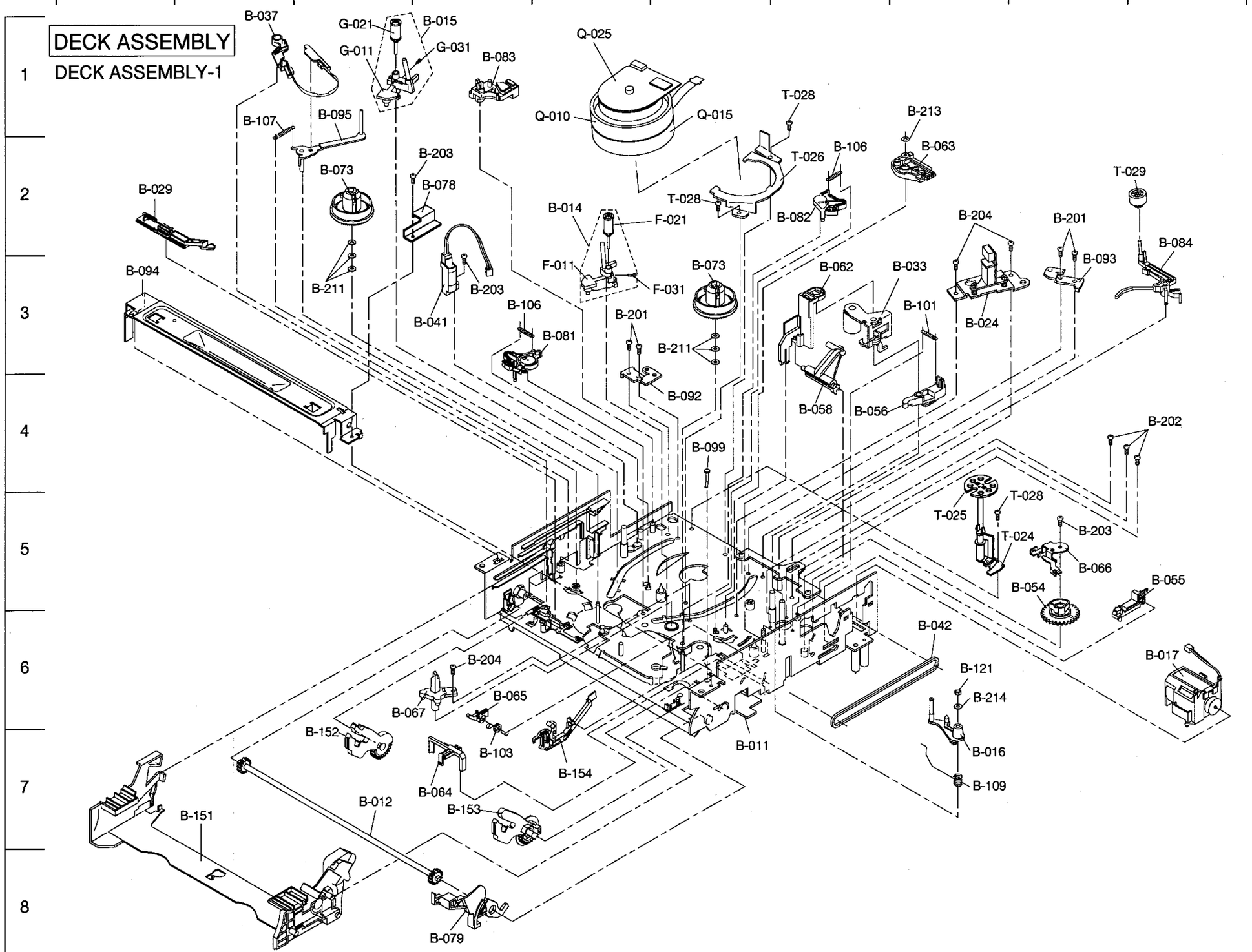
PRINTED CIRCUIT BOARD ASSY'S

	928D370O02	CONNECTOR PCB ASSY	[B,IR]
	928D371O02	CONNECTOR PCB ASSY	[E,GY]
	928D369O01	DUAL PCB ASSY	[B,IR]
	928D378O02	DUAL PCB ASSY	[E]
	928D378O01	DUAL PCB ASSY	[GY]
	928D374O01	JOG PCB ASSY	[B,IR]
	928D379O01	JOG PCB ASSY	[E,GY]
	927B987O10	MAIN PCB ASSY	[B]
	925B003O06	MAIN PCB ASSY	[E]
	925B003O05	MAIN PCB ASSY	[GY]
	927B987O13	MAIN PCB ASSY	[IR]
	927B997O01	OPE PCB ASSY	[B]
	927B997O03	OPE PCB ASSY	[E]
	927B997O02	OPE PCB ASSY	[GY]
	927B997O05	OPE PCB ASSY	[IR]
	928D380O01	POWER SAVE PCB ASSY	[E,GY]

[MEMO]

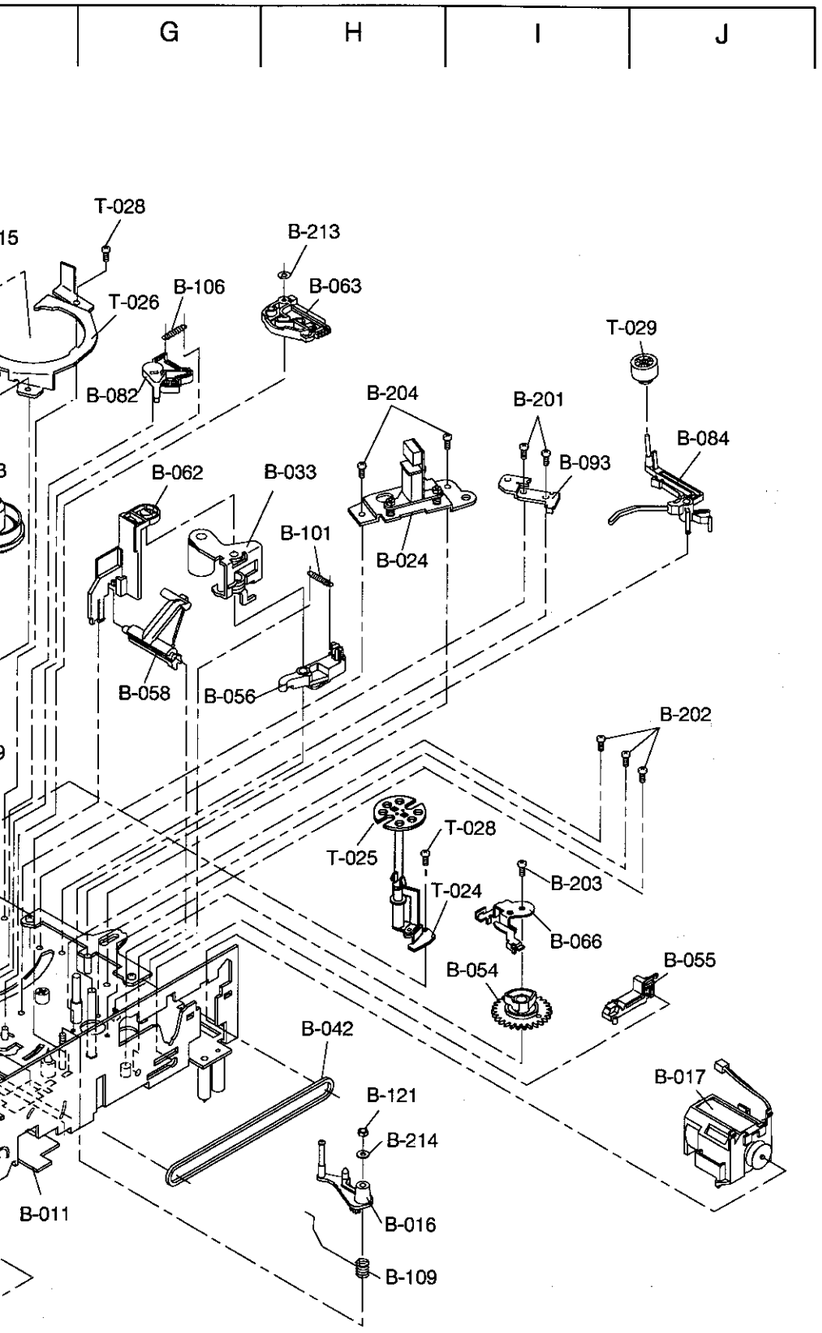
DECK ASSEMBLY

DECK ASSEMBLY-1



* Settled Service Parts

ITEM	PARTS NO.	*	ADDRESS		PARTS NAM
B-011	948A194O01		F-7		MAIN PLATE ASS
B-012	948C338O01	○	C-7		SYNC GEAR ASS
B-014	948D059O01	○	E-2		TAPE GUIDE ASS
B-015	948D060O01	○	D-1		TAPE GUIDE ASS
B-016	948D062O01	○	H-7		GUIDE ARM ASSY
B-017	928D350O01	○	J-6		LOADING MOTOR
B-024	460C006O10	○	H-3		A/C HEAD UNIT
B-029	621C551O10	○	A-2		WIND LEVER UNI
B-033	593C817O10	○	H-3		PINCH ARM UNIT
B-037	621C557O10	○	B-1		TENSION BEL UN
B-041	460P055O50	○	D-3		FE HEAD
B-042	521D096O10	○	H-6		LOADING BELT
B-054	641B790O10	○	I-5		PINCH CAM GEAF
B-055	621C505O10	○	J-5		PINCH RACK SLID
B-056	635C104O10	○	G-4		PINCH CAM LEVE
B-058	635C108O10	○	G-4		PINCH GEAR ARM
B-062	641B844O10	○	G-3		PINCH ARM CAP 2
B-063	621C532O10	○	H-2		LOADING TG LEV
B-064	621C498O10	○	D-7		MODE POSITION
B-065	621C529O10	○	D-6		LOADING LOCK LI
B-066	593C923O10		I-5		PINCH CAM HOLD
B-067	621C486O10	○	D-6		LAMP GUIDE
B-073	641B788O20	○	C-2	F-3	REEL DISK
B-078	597D572O10	○	D-2		LID HOLDER PLA
B-079	641B782O10	○	D-8		F/L DOOR ARM
B-081	641B800O10	○	E-3		MAIN BRAKE(SP)
B-082	641B801O10	○	G-2		MAIN BRAKE(TU)
B-083	621C530O10	○	D-1		GUIDE ARM(SP)
B-084	641B785O10		J-2		CLEANING ARM
B-092	593C800O10		F-4		GUIDE CATCHER(
B-093	593C801O10		I-3		GUIDE CATCHER(
B-094	592B274O10		A-3		STAY PLATE
B-095	592B280O10	○	C-1		TENSION ARM
B-099	622D615O10		F-4		SNAP PIN
B-101	572D844O10	○	H-3		PINCH CAM SPRI
B-103	572D858O10	○	D-7		LOADING LOCK S
B-106	572D839O10	○	D-3	G-2	BRAKE SPRING
B-107	572D840O10	○	B-1		TENSION SPRING
B-109	572D843O10	○	H-7		GUIDE SPRING(T
B-121	674D081O20	○	H-6		NYLON NUT
B-151	515B001O10	○	B-7		BOTTOM UNIT
B-152	515C001O10	○	C-7		F/L ARM UNIT(SP
B-153	515C001O20	○	D-7		F/L ARM UNIT(TU
B-154	621C533O10	○	E-7		SHUT LEVER UNI
B-201	669D224O10		E-3	I-2	SCREW
B-202	669D285O40		J-4		SCREW
B-203	669D224O30		C-3	D-2	SCREW
			I-5		
B-204	669D476O20	○	H-2		SCREW
B-211	552C017O20	○	C-3	F-3	THRUST WASHEF
B-213	552C018O70	○	H-1		CUT WASHER
B-214	683D114O04		H-6		SL WASHER
F-011	635B091O10	○	E-3		TAPE GUIDE(TU)
F-021	522B061O10	○	F-2		GUIDE ROLLER(T
F-031	669D506O90		F-3		SCREW



* Settled Service Parts

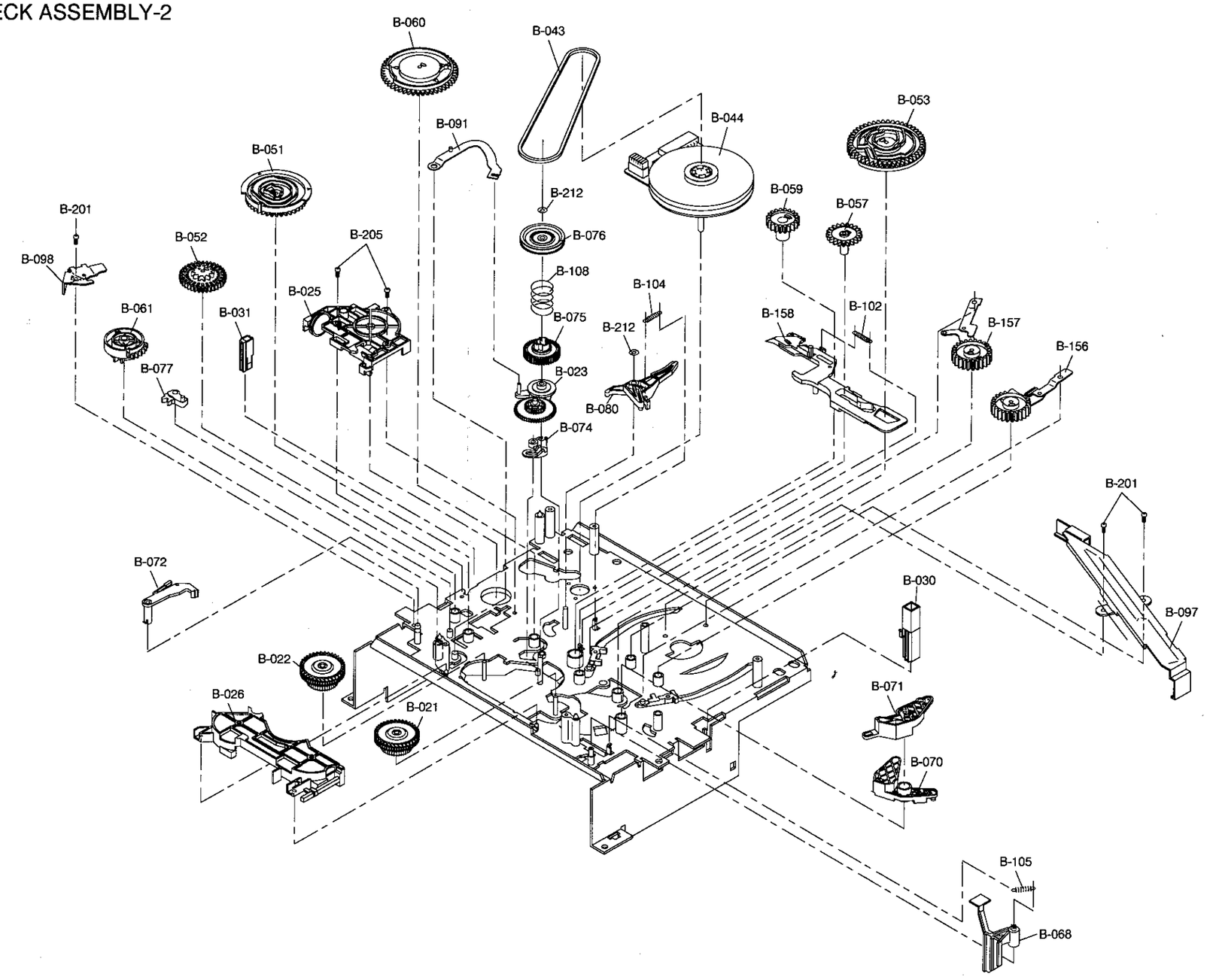
ITEM	PARTS NO.	*	ADDRESS		PARTS NAME	DESCRIPTION	Qt.
B-011	948A194O01		F-7		MAIN PLATE ASSY		1
B-012	948C338O01	○	C-7		SYNC GEAR ASSY		1
B-014	948D059O01	○	E-2		TAPE GUIDE ASSY(TU)	TAKE UP	1
B-015	948D060O01	○	D-1		TAPE GUIDE ASSY(SP)	SUPPLY	1
B-016	948D062O01	○	H-7		GUIDE ARM ASSY(TU)		1
B-017	928D350O01	○	J-6		LOADING MOTOR ASSY		1
B-024	460C006O10	○	H-3		A/C HEAD UNIT		1
B-029	621C551O10	○	A-2		WIND LEVER UNIT		1
B-033	593C817O10	○	H-3		PINCH ARM UNIT		1
B-037	621C557O10	○	B-1		TENSION BEL UNIT		1
B-041	460P055O50	○	D-3		FE HEAD		1
B-042	521D096O10	○	H-6		LOADING BELT		1
B-054	641B790O10	○	I-5		PINCH CAM GEAR		1
B-055	621C505O10	○	J-5		PINCH RACK SLIDER		1
B-056	635C104O10	○	G-4		PINCH CAM LEVER		1
B-058	635C108O10	○	G-4		PINCH GEAR ARM 2		1
B-062	641B844O10	○	G-3		PINCH ARM CAP 2		1
B-063	621C532O10	○	H-2		LOADING TG LEVER		1
B-064	621C498O10	○	D-7		MODE POSITION GUIDE		1
B-065	621C529O10	○	D-6		LOADING LOCK LEVER		1
B-066	593C923O10		I-5		PINCH CAM HOLDER		1
B-067	621C486O10	○	D-6		LAMP GUIDE		1
B-073	641B788O20	○	C-2	F-3	REEL DISK		2
B-078	597D572O10	○	D-2		LID HOLDER PLATE		1
B-079	641B782O10	○	D-8		F/L DOOR ARM		1
B-081	641B800O10	○	E-3		MAIN BRAKE(SP)	SUPPLY	1
B-082	641B801O10	○	G-2		MAIN BRAKE(TU)	TAKE UP	1
B-083	621C530O10	○	D-1		GUIDE ARM(SP)	SUPPLY	1
B-084	641B785O10		J-2		CLEANING ARM		1
B-092	593C800O10		F-4		GUIDE CATCHER(SP)		1
B-093	593C801O10		I-3		GUIDE CATCHER(TU)		1
B-094	592B274O10		A-3		STAY PLATE		1
B-095	592B280O10	○	C-1		TENSION ARM		1
B-099	622D615O10		F-4		SNAP PIN		1
B-101	572D844O10	○	H-3		PINCH CAM SPRING		1
B-103	572D858O10	○	D-7		LOADING LOCK SPRING		1
B-106	572D839O10	○	D-3	G-2	BRAKE SPRING		2
B-107	572D840O10	○	B-1		TENSION SPRING		1
B-109	572D843O10	○	H-7		GUIDE SPRING(TU)		1
B-121	674D081O20	○	H-6		NYLON NUT		1
B-151	515B001O10	○	B-7		BOTTOM UNIT		1
B-152	515C001O10	○	C-7		F/L ARM UNIT(SP)		1
B-153	515C001O20	○	D-7		F/L ARM UNIT(TU)		1
B-154	621C533O10	○	E-7		SHUT LEVER UNIT		1
B-201	669D224O10		E-3	I-2	SCREW	2.6X6	4
B-202	669D285O40		J-4		SCREW	M2.6X8	3
B-203	669D224O30		C-3 I-5	D-2	SCREW	2.6X10	3
B-204	669D476O20	○	H-2		SCREW	2.6X8	3
B-211	552C017O20	○	C-3	F-3	THRUST WASHER	2.5X6X0.13	6
B-213	552C018O70	○	H-1		CUT WASHER	2.1X5.0X0.5	1
B-214	683D114O04		H-6		SL WASHER		1
F-011	635B091O10	○	E-3		TAPE GUIDE(TU)	TAKE UP	1
F-021	522B061O10	○	F-2		GUIDE ROLLER(TU)		1
F-031	669D506O90		F-3		SCREW	M2X0.4 L=4	1

* Settled Service Parts

ITEM	PARTS NO.	*	ADDRESS		PARTS NAME	DESCRIPTION	Qt.
G-011	635B092O10	○	C-1		TAPE GUIDE(SP)	SUPPLY	1
G-021	522B061O10	○	C-1		GUIDE ROLLER(SP)		1
G-031	669D506O90		D-1		SCREW	M2X0.4 L=4	1
Q-010	927B954O18	○	E-1		UPPER DRUM ASSY		1
Q-015	927B955O04	○	E-1		LOWER DRUM ASSY		1
Q-025	288P158O20	○	E-1		DRUM MOTOR	E20EL50	1
T-024	621C553O10		I-5		IMPEDANCE UNIT(SP)		1
T-025	597D568O10		H-5		FLYWHEEL(SP)		1
T-026	592B345O10		G-2		DRUM CLAMPER		1
T-028	669D224O10		F-2	G-1	SCREW	2.6X6	3
T-029	622D598O10		I-2		CLEANING ROLLER UNIT		1

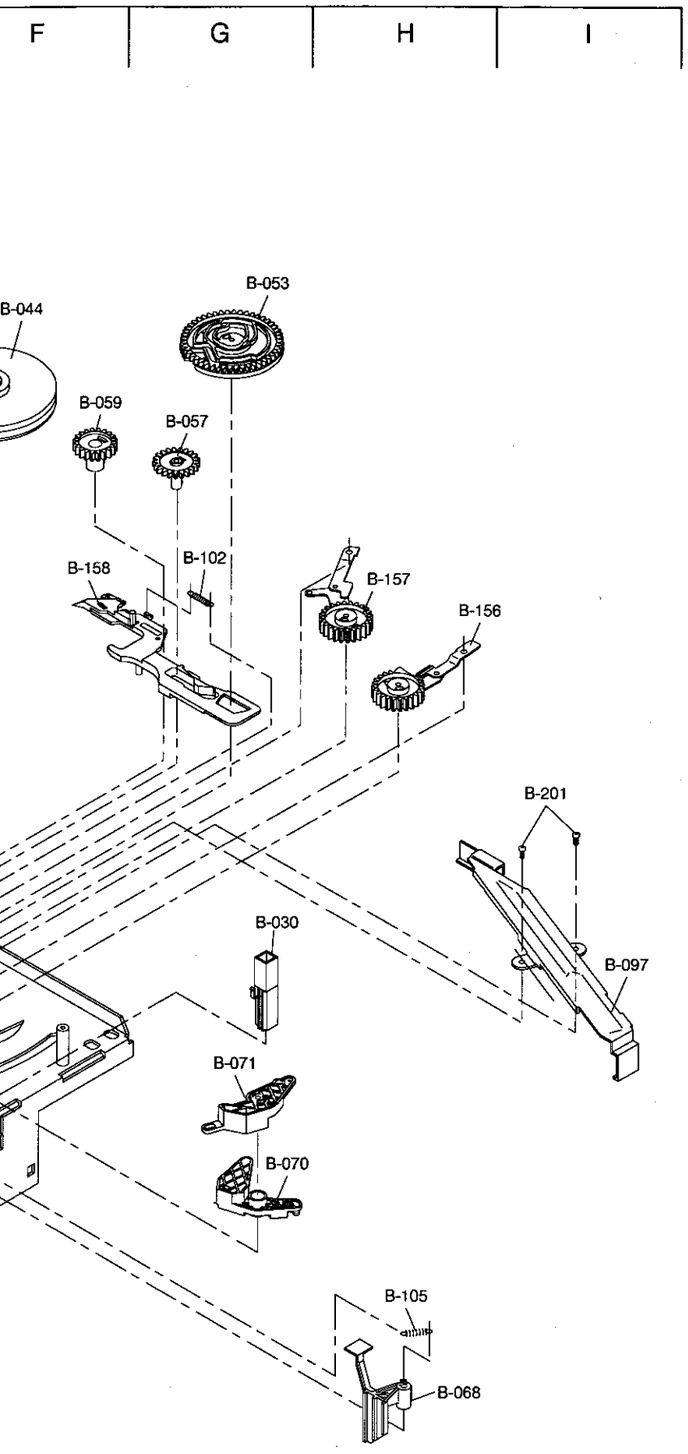
DECK ASSEMBLY

DECK ASSEMBLY-2



* Settled Service Parts

ITEM	PARTS NO.	*	ADDRESS		PARTS NAME
B-021	641B805O50	○	D-6		REEL GEAR UNIT(SI
B-022	641B805O60	○	C-6		REEL GEAR UNIT(TI
B-023	621C536O10	○	E-4		IDLER UNIT
B-025	621C538O10	○	C-3		WORM PULLEY UNI
B-026	641B827O10	○	B-6		PHOTO UNIT
B-030	622D585O10	○	G-5		PHOTO GUIDE UNIT
B-031	622D586O10	○	B-3		PHOTO GUIDE UNIT
B-043	521D097O10	○	E-1		REEL BELT
B-044	288P159O10	○	F-2		CAPSTAN MOTOR
B-051	641B794O10	○	C-2		MODE GEAR
B-052	621C504O10	○	B-3		LOADING WORM GE
B-053	641B791O10	○	G-2		CAM GEAR(SP)
B-057	621C503O10	○	G-2		LOADING GEAR
B-059	621C502O10	○	F-2		LAMP LOADING GE/
B-060	641B792O10	○	D-1		CAM GEAR(TU)
B-061	641B793O10	○	B-3		F/L DRIVE GEAR
B-068	641B817O10	○	H-8		REC LEVER
B-070	641B838O10	○	G-6		TENSION LEVER UN
B-071	621C508O10	○	G-6		CONTROL WIND LE
B-072	621C506O10	○	B-5		REEL LOCK LEVER
B-074	621C494O10	○	E-4		SHIFT LEVER
B-075	621C493O10	○	E-3		PULLEY GEAR
B-076	621C492O10	○	E-3		BELT PULLEY
B-077	635C106O10		B-4		F/L DRIVE LEVER
B-080	641B819O10	○	E-4		CAPSTAN BRAKE
B-091	593C799O10	○	D-2		IDLER CENTER LEV
B-097	592B365O10		I-5		MAIN PLATE SUPPO
B-098	593C903O10		A-3		MODE HOLDER
B-102	572D835O10	○	G-3		CAM SPRING(C)
B-104	572D842O10	○	E-3		CAPSTAN BRAKE SPI
B-105	572D870O10	○	H-7		REC SPRING
B-108	572D865O10	○	E-3		SHIFT SPRING
B-156	593C825O10	○	H-3		LOADING ARM UNIT
B-157	593C826O10	○	H-3		LOADING ARM UNIT
B-158	621C537O10	○	F-3		CAM PLATE UNIT(C)
B-201	669D224O10		A-2	I-4	SCREW
B-205	669D224O50		C-3		SCREW
B-212	552C018O10	○	E-2	E-3	CUT WASHER



* Settled Service Parts

ITEM	PARTS NO.	*	ADDRESS		PARTS NAME	DESCRIPTION	Qt.
B-021	641B805O50	○	D-6		REEL GEAR UNIT(SP)	SUPPLY	1
B-022	641B805O60	○	C-6		REEL GEAR UNIT(TU)	TAKE UP	1
B-023	621C536O10	○	E-4		IDLER UNIT		1
B-025	621C538O10	○	C-3		WORM PULLEY UNIT		1
B-026	641B827O10	○	B-6		PHOTO UNIT		1
B-030	622D585O10	○	G-5		PHOTO GUIDE UNIT(SP)	SUPPLY	1
B-031	622D586O10	○	B-3		PHOTO GUIDE UNIT(TU)	TAKE UP	1
B-043	521D097O10	○	E-1		REEL BELT		1
B-044	288P159O10	○	F-2		CAPSTAN MOTOR	F2QTB22	1
B-051	641B794O10	○	C-2		MODE GEAR		1
B-052	621C504O10	○	B-3		LOADING WORM GEAR		1
B-053	641B791O10	○	G-2		CAM GEAR(SP)	SUPPLY	1
B-057	621C503O10	○	G-2		LOADING GEAR		1
B-059	621C502O10	○	F-2		LAMP LOADING GEAR		1
B-060	641B792O10	○	D-1		CAM GEAR(TU)	TAKE UP	1
B-061	641B793O10	○	B-3		F/L DRIVE GEAR		1
B-068	641B817O10	○	H-8		REC LEVER		1
B-070	641B838O10	○	G-6		TENSION LEVER UNIT		1
B-071	621C508O10	○	G-6		CONTROL WIND LEVER		1
B-072	621C506O10	○	B-5		REEL LOCK LEVER		1
B-074	621C494O10	○	E-4		SHIFT LEVER		1
B-075	621C493O10	○	E-3		PULLEY GEAR		1
B-076	621C492O10	○	E-3		BELT PULLEY		1
B-077	635C106O10		B-4		F/L DRIVE LEVER		1
B-080	641B819O10	○	E-4		CAPSTAN BRAKE		1
B-091	593C799O10	○	D-2		IDLER CENTER LEVER		1
B-097	592B365O10		I-5		MAIN PLATE SUPPORT		1
B-098	593C903O10		A-3		MODE HOLDER		1
B-102	572D835O10	○	G-3		CAM SPRING(C)		1
B-104	572D842O10	○	E-3		CAPSTAN BRAKE SPRING		1
B-105	572D870O10	○	H-7		REC SPRING		1
B-108	572D865O10	○	E-3		SHIFT SPRING		1
B-156	593C825O10	○	H-3		LOADING ARM UNIT(SP)	SUPPLY	1
B-157	593C826O10	○	H-3		LOADING ARM UNIT(TU)	TAKE UP	1
B-158	621C537O10	○	F-3		CAM PLATE UNIT(C)		1
B-201	669D224O10		A-2	I-4	SCREW	2.6X6	3
B-205	669D224O50		C-3		SCREW	2.6X14	2
B-212	552C018O10	○	E-2	E-3	CUT WASHER	2.5X6.0X0.5	2

PCB-BLOCK DIAGRAM

TUNER-PACK (TU01)

SAT-CONT (J583)

FE HEAD (T371)

DRUM MOTOR (M570)

DRUM HEAD

A/C HEAD (T370)

LOADING MOTOR (M571)

CAPSTAN MOTOR (M572)

⚠DECK

⚠PCB-DUAL

⚠PCB-MAIN
YC/CG
MC/TM
SERVO
HIFI
TU-VIF
HEAD-AMP
VPS/SAT
POWER

⚠PCB-CONNECTOR

⚠PCB-OPE

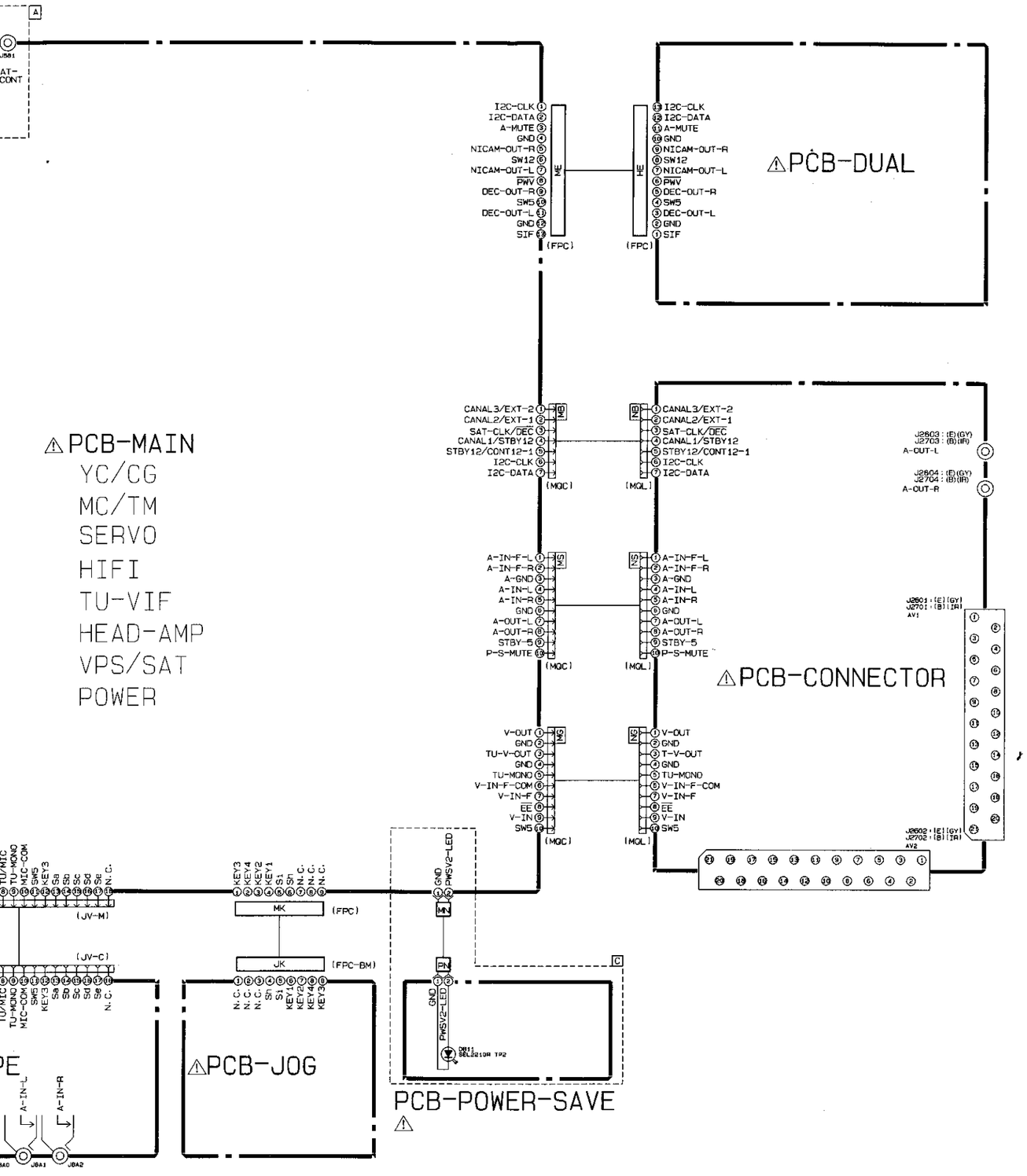
⚠PCB-JOG

PCB-POWER-SAVE ⚠

○ : Employed　× : Not employed

MODEL \ SYMBOL	A	B	C
HS-761V(GY)	×	×	○
HS-761V(B)	○	○	×
HS-761V(E)	×	×	○
HS-761V(IR)	○	○	×

-BLOCK DIAGRAM



CONTENTS

⚠

SERVICING PRECAUTION

SYMBOLS INDICATE COMPONENTS HAVING SPECIAL CHARACTERISTICS IMPORTANT TO SAFETY AND PERFORMANCE. THEREFOR REPLACEMENT OF ANY SAFETY PARTS SHOULD BE IDENTICAL IN VALUE AND CHARACTERISTICS.
DON'T DEGRADE THE SAFETY OF THE VCR THROUGH IMPROPER SERVICING.

SCHEMATIC DIAGRAM

• **NOTE**

1. Each voltage should be within ±20% of the DC voltages measured with a digital voltmeter.
2. The voltages parenthesised are on SP recording mode. While those without parenthesised on SP play back mode.
3. Waveforme were taken with standard colour bar signal.
4. TP6A, etc. show Test Points.
5. CAPACITORS

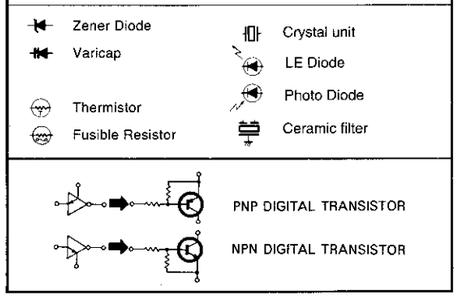
Value	Not indicated	PF, for numbers more than 1 μF, for numbers less than 1
Dielectric Strength	Not indicated :50V	
Tolerance	Not indicated =±10%	No Tolerance is indicated for electrolytic capacitors and ±20%
	G=±2% P=+100% Q=+30% C=±0.25PF J=±5% -0% -10% D=±0.5PF K=±10% Z=+80% T=+200% F=±1PF M=±20% -20% -0% G=±2PF	
Sort	I Parts except for chips	Not indicated : Ceramic capacitor (MP) : Polyester capacitor (PP) : Polypropylene film capacitor (ALM) : Aluminus electrolytic capacitor (TF) : Twin film capacitor (SC) : Semiconductor ceramic capacitor (MP) : Metalized paper (MPP) : Metalized plastic film capacitor (MMF) : Metalized polyester capacitor (MF PP) : Polyester polypropylene film capacitor (PS) : Styrol capacitor (TAN)or(TANT) : Tantalum capacitor ⊣⊢ : Electrolytic capacitor (BP)or(NP) : Non polarized electrolytic capacitor
	II Chips	Not indicated : Ceramic capacitor chip ⊣⊢ : Electrolytic capacitor (BP)or(NP) : Non polarized electrolytic capacitor chip
Characteristic (only ceramic capacitor)	Not indicated : F or B(high dielectric percentage) CH,SL,etc. : Temperature compensating types	

6. Resistors

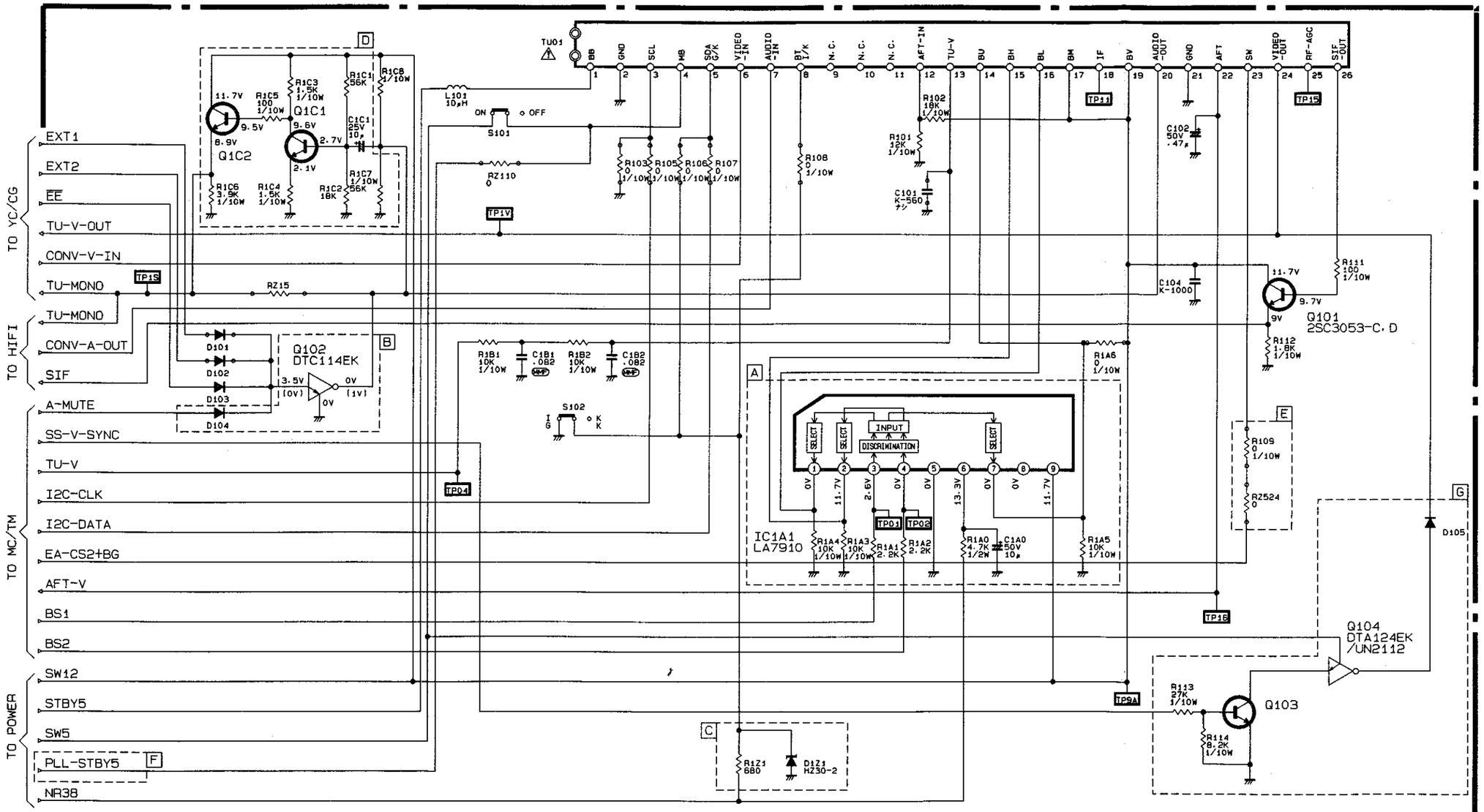
Value	Not indicated = Ω K = kΩ(1000Ω) M = MΩ(1000kΩ)	
Wattage	Parts except for chips	Not indicated = 1/4W or 1/6W
	Chips	Not indicated = 1/10W
Tolerance	Not indicated =±5% D=±0.5% J=±5% F=±1% K=±10%	
Short	I Parts except for chips	Not indicated : Carbon resistor (S) : Fixed composition resistor (MB) : Metal oxide film resistor(type B) (CF) : Cemented resister (W) : Wire wound resister (M) : Metal film resister (MPC) : Metal plate cement resister (ML) : Metal liner resister
	II Chip	Not indicated : Chip resistor

7. This is a basic schematic diagram. Some sets may be subject to modification according to engineering improvement.

SPECIFIC SYMBOL



(TU-VIF) ⚠ PCB-MAIN

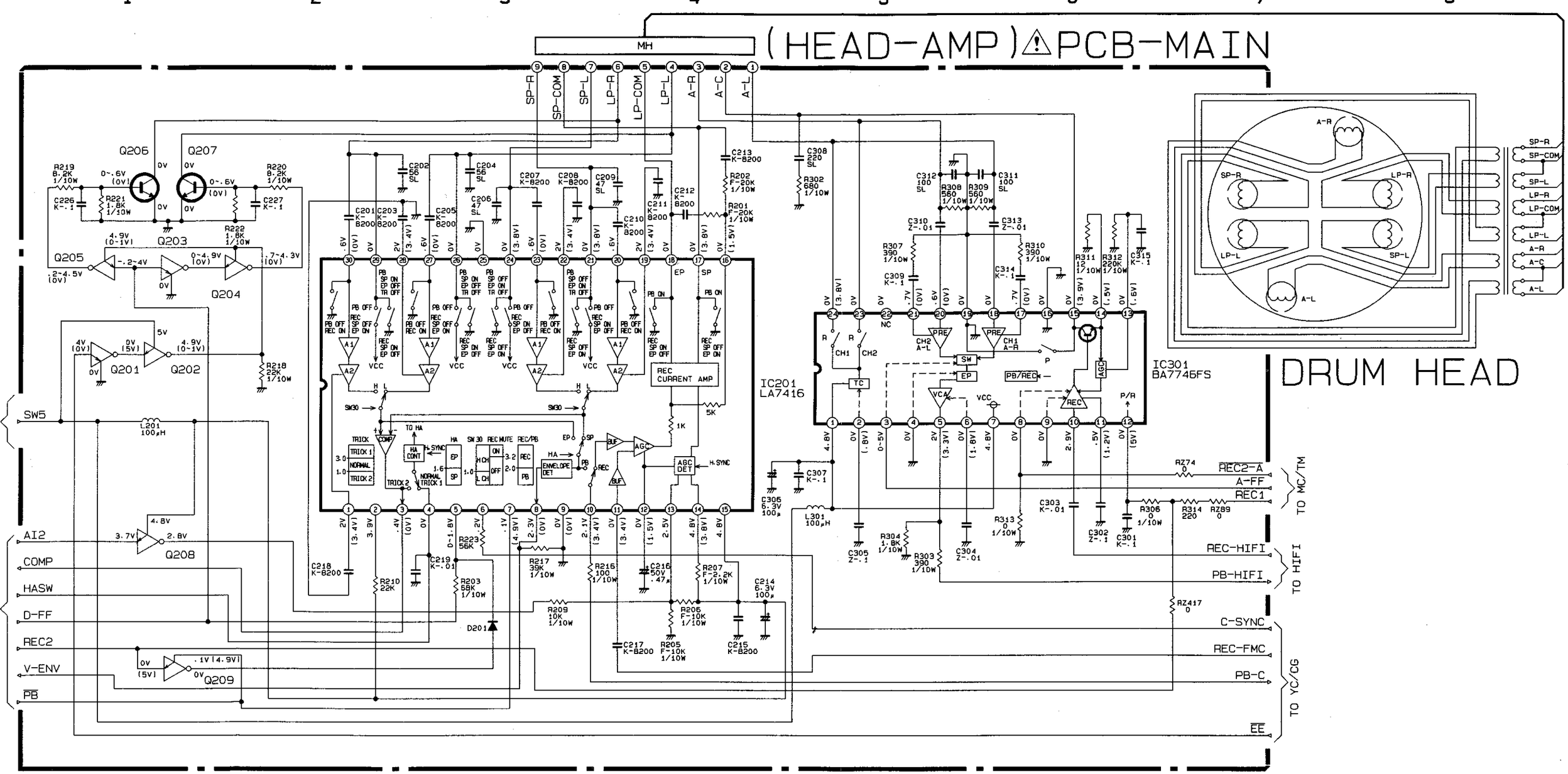


All NPN transistors are 2SC3052-E,F unless otherwise specifed
All diodes are 1SS252/1SS1310M unless otherwise specifed

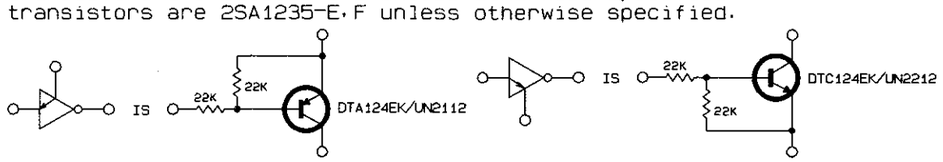
○ : Employed × : Not Employed

SYMBOL	A	B	C	D	E	F	G	R103	R105	R106	R107	R108	R1A6	R1C8	RZ15	RZ110	S101	S102	D101	D102
ADDRESS	C-5	C-3	D-5	A-3	B-7	C-5	C-8	A-4	A-4	A-4	A-4	A-5	B-5	A-3	B-2	A-4	C-4	C-4	C-2	C-2
HS-761V(E)/V(GY)	○	○	×	○	×	×	×	×	×	×	×	×	×	560K	×	×	○	×	×	×
HS-761V(B)	×	○	○	×	×	○	×	×	○	×	○	○	○	330K	○	○	×	×	×	×
HS-761V(IR)	○	○	×	×	×	×	×	×	×	×	×	×	×	330K	○	×	○	×	×	×

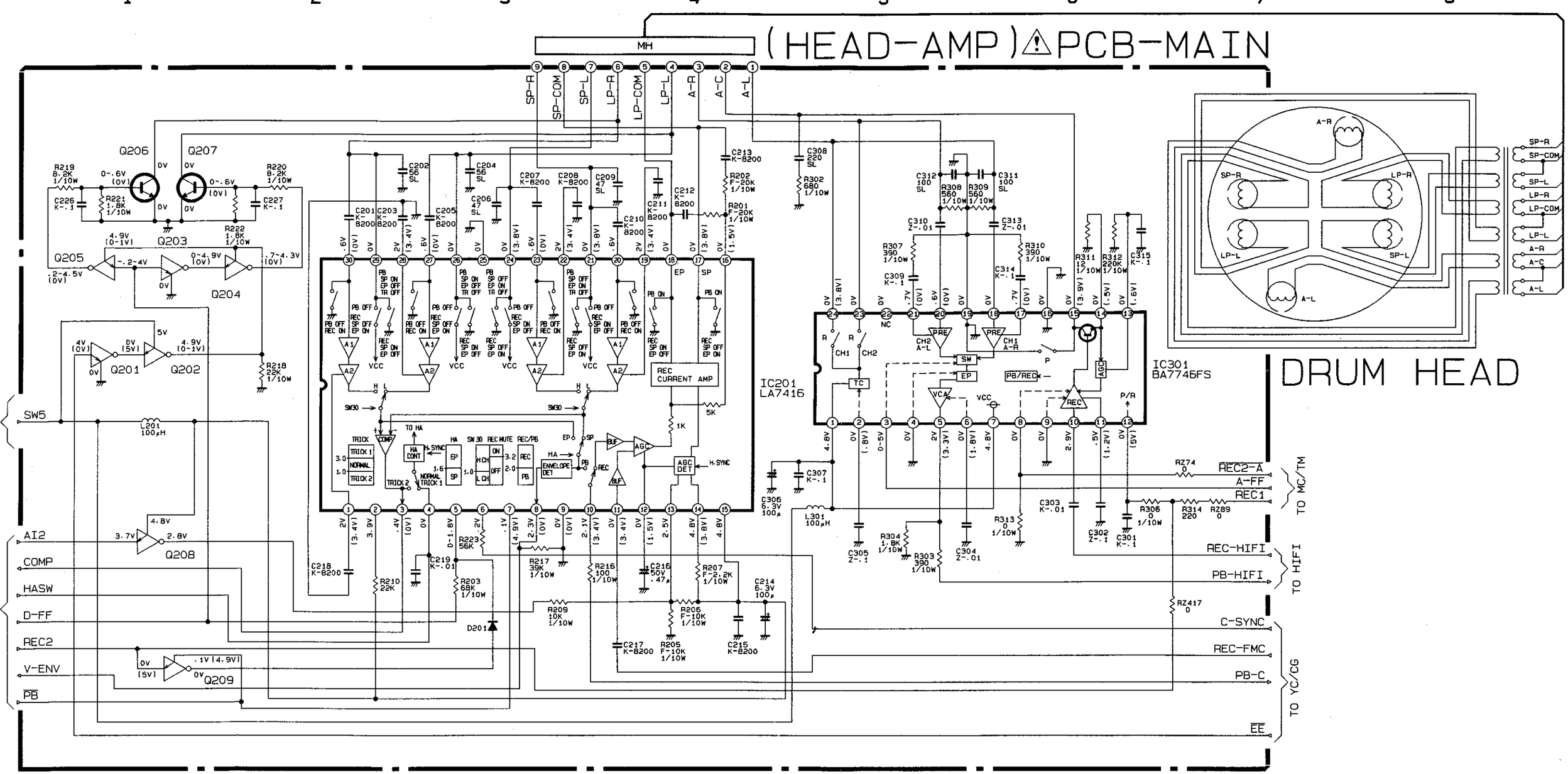
(HEAD-AMP) ⚠ PCB-MAIN



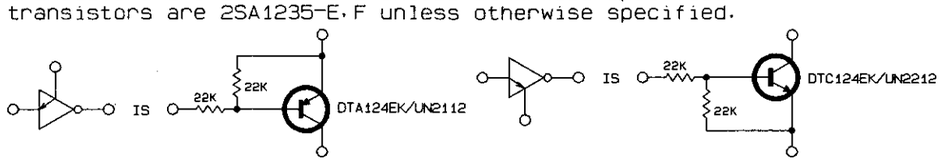
All diodes are 1SS252/1SS1310M unless otherwise specified.
All NPN transistors are 2SC3053-C,D unless otherwise specified.
All PNP transistors are 2SA1235-E,F unless otherwise specified.

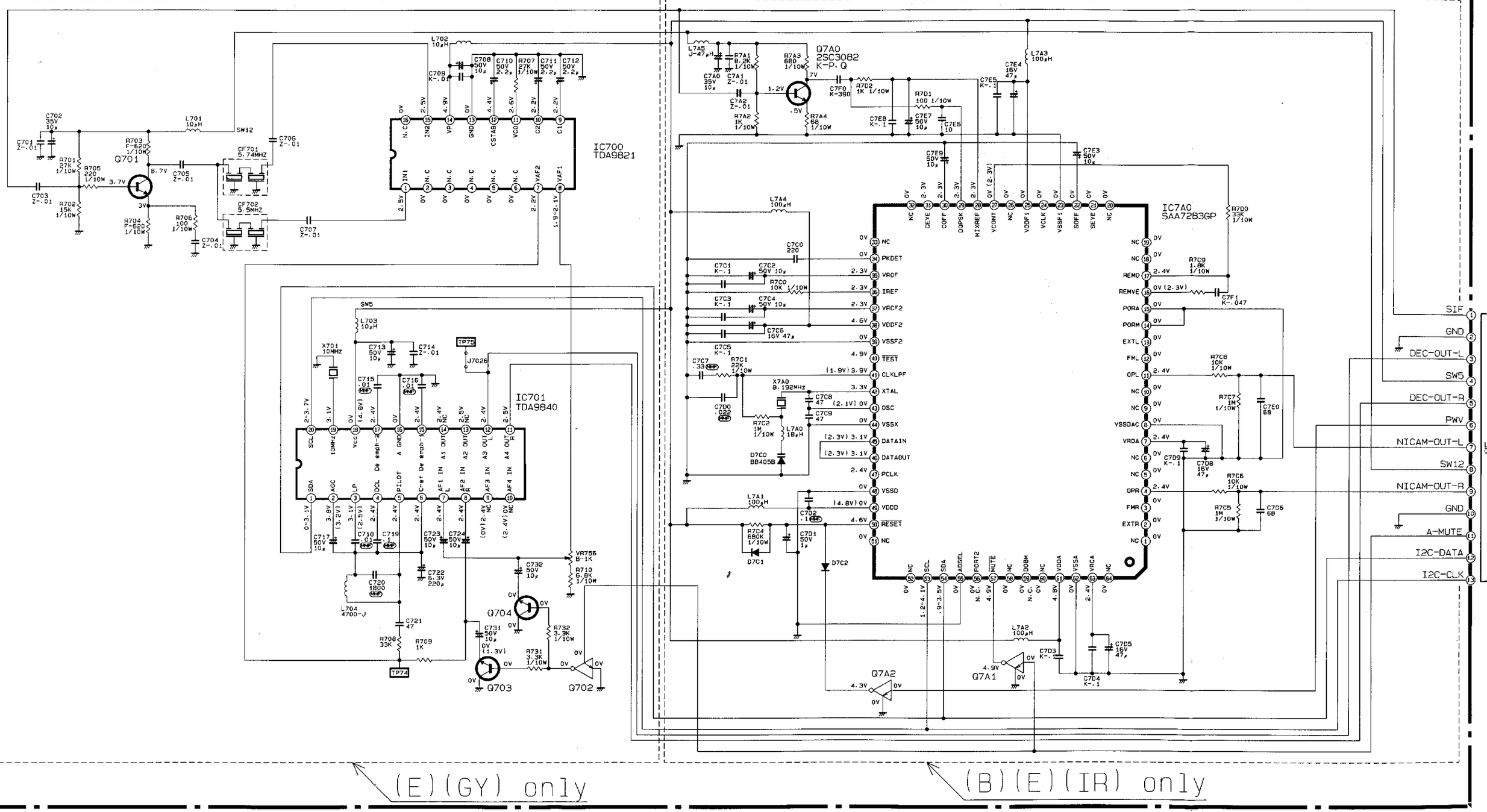


(HEAD-AMP) ⚠ PCB-MAIN



All diodes are 1SS252/1SS1310M unless otherwise specified.
All NPN transistors are 2SC3053-C, D unless otherwise specified.
All PNP transistors are 2SA1235-E, F unless otherwise specified.



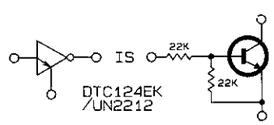


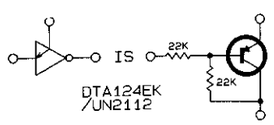
IC-BLOCK DIAGRAM on next page.

All diodes are 1SS252
unless otherwise specified.

All NPN transistors are 2SC3053-C, D
unless otherwise specified.

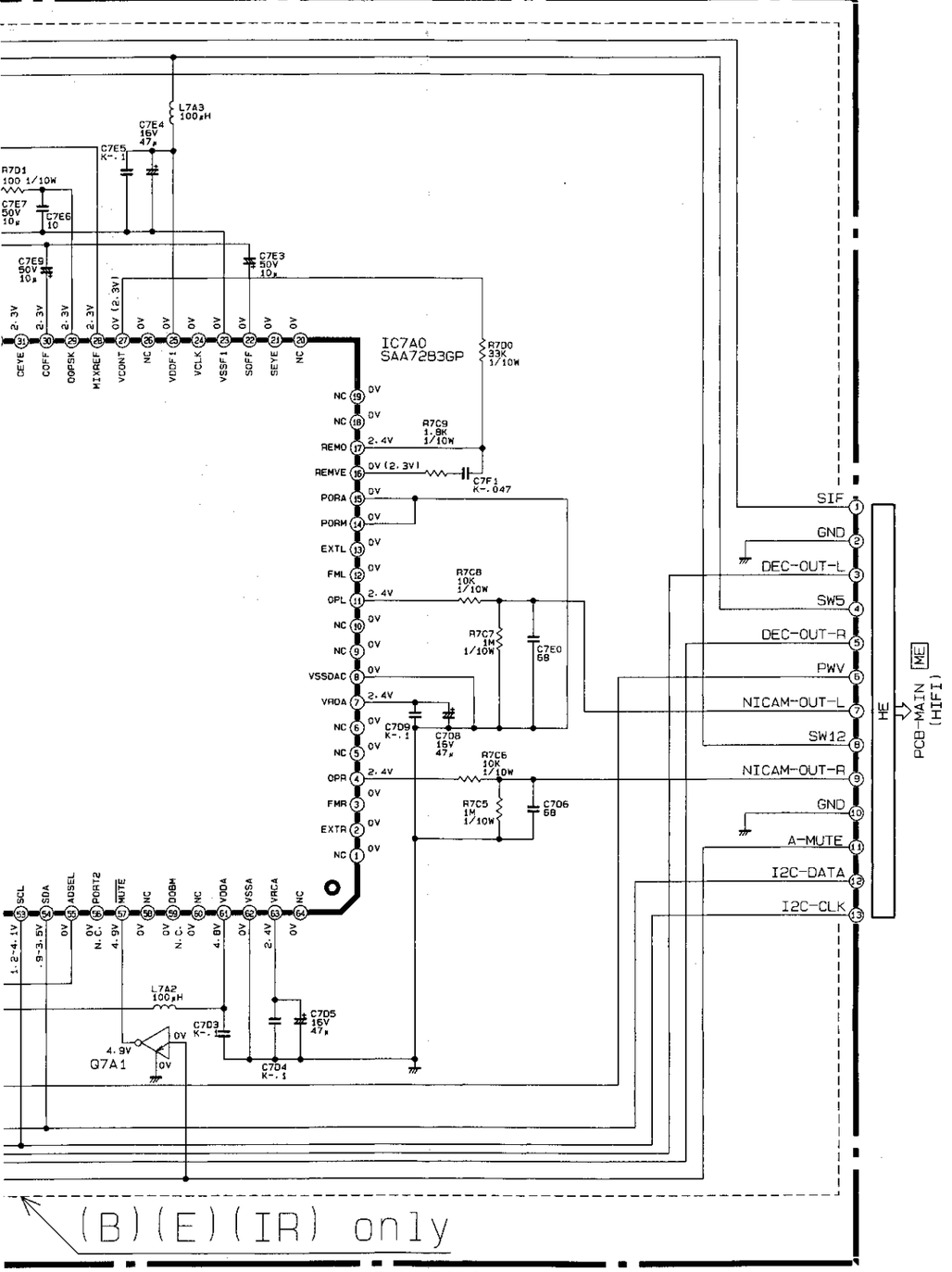
All PNP transistors are 2SA1235-E, F
unless otherwise specified.



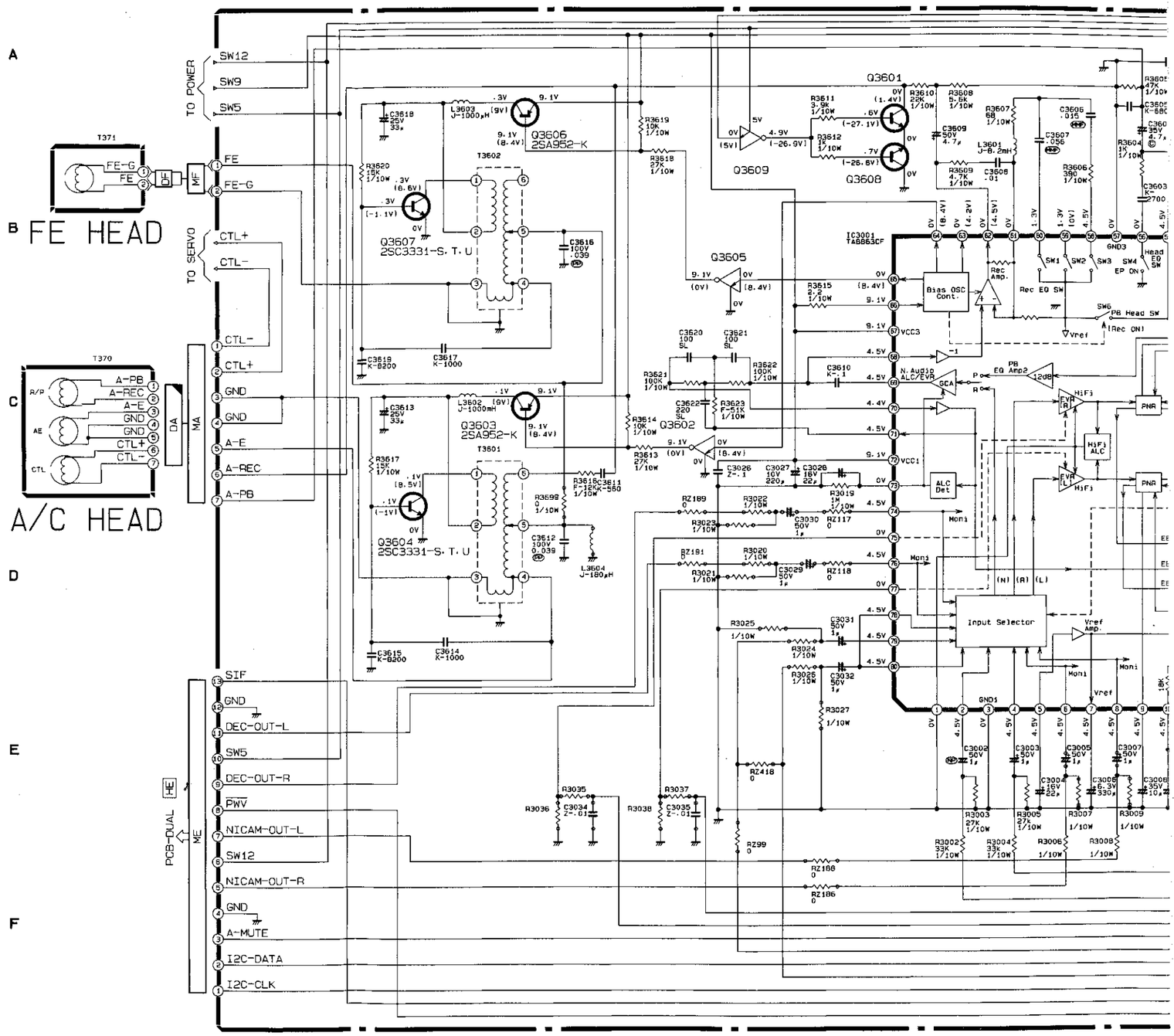


8 9 10 11 1 2 3 4 5 6

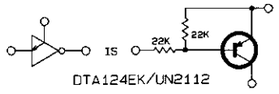
⚠ PCB-DUAL



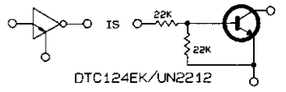
IC-BLOCK DIAGRAM on next page.



All diodes are 1SS252/1SS1310M unless otherwise specified.
All NPN transistors are 2SC3052-E.F unless otherwise sprcified.
All PNP transistors are 2SA1235-E.F unless otherwise specified.



DTA124EK/UN2112



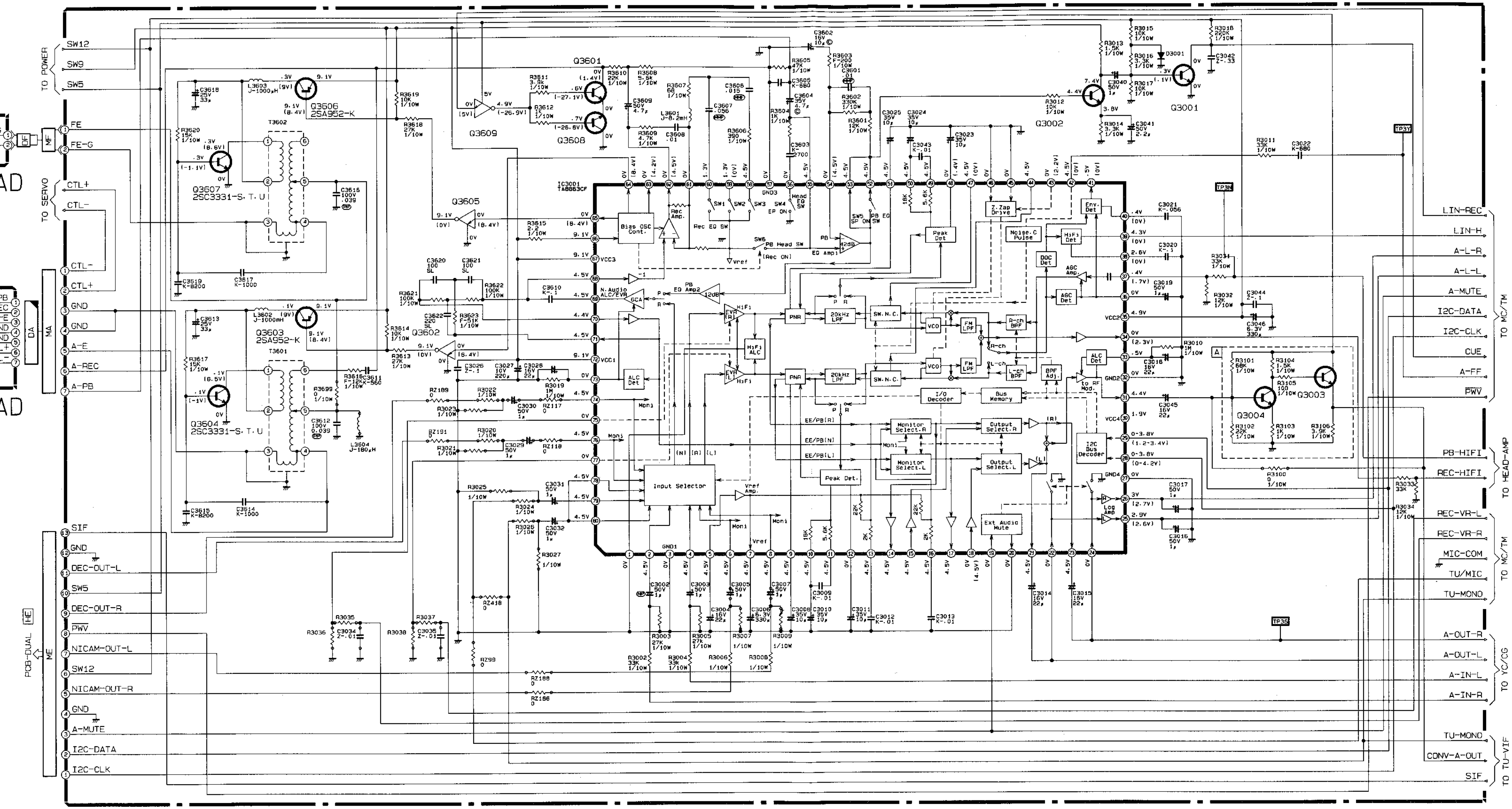
DTC124EK/UN2212

O:Employed X:Not employed

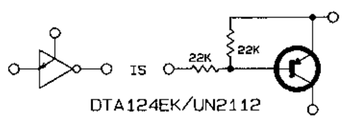
SYMBOL	A	R3006	R3007	R3008	R3009	C3005
ADDRESS	D-11	E-7	E-7	E-7	E-7	E-7
HS-761V(GY)	X	X	X	X	X	X
HS-761V(B)	X	1.8K	27K	1.8K	27K	O
HS-761V(E)	X	5.6K	27K	5.6K	27K	O
HS-761V(IR)	X	1.8K	27K	1.8K	27K	O

2 3 4 5 6 7 8 9 10 11

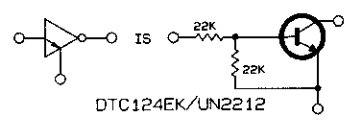
(HIFI) ⚠PCB-MAIN



1SS252/1SS1310M unless otherwise specified.
stors are 2SC3052-E·F unless otherwise sprcified.
stors are 2SA1235-E·F unless otherwise specified.



DTA124EK/UN2112

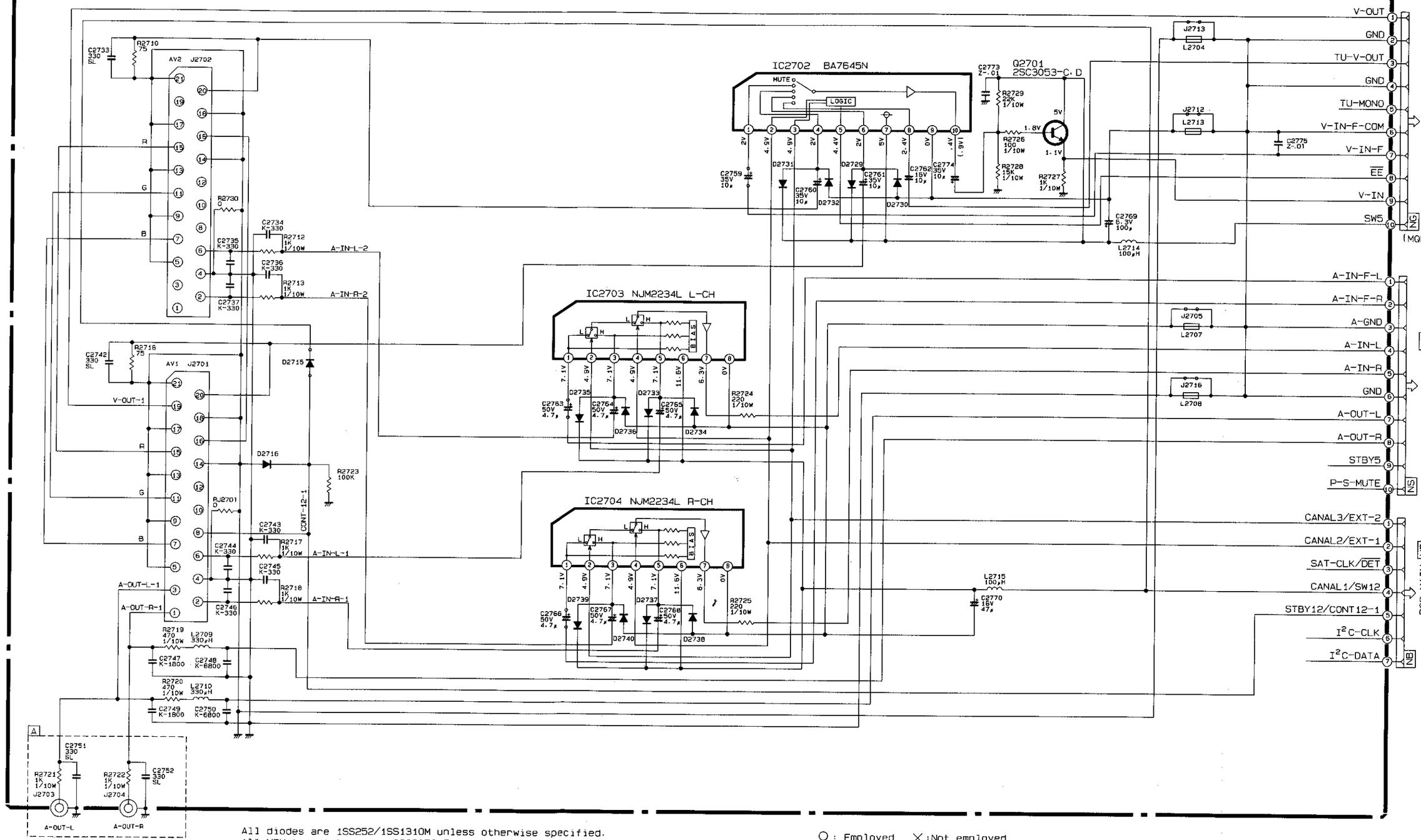


DTC124EK/UN2212

○:Employed ×:Not employed

SYMBOL	A	R3005	R3007	R3008	R3009	C3005	C3007	R3020	R3021	R3022	R3023	C3029	C3030	L3604	R3035	R3036	R3037	R3038	C3034	C3035	RZ186	RZ188	RZ189	RZ191	RZ117	RZ118	RZ99	RZ418	R3024	R3025	R3026	R3027	R3699
ADDRESS	D-11	E-7	E-7	E-7	E-7	E-7	E-7	C-5	D-5	D-5	D-5	C-6	D-6	C-4	E-4	E-4	E-5	E-5	E-4	E-5	F-6	F-6	D-5	D-5	D-6	D-6	E-5	E-5	D-5	D-5	D-5	E-6	D-3
HS-761V(GY)	×	×	×	×	×	×	×	47K	27K	47K	27K	○	○	○	F-1.5K	F-36K	F-1.5K	F-36K	○	○	×	×	○	○	○	○	○	×	0	×	47K	47K	×
HS-761V(B)	×	1.8K	27K	1.8K	27K	○	○	×	×	×	×	×	×	○	F-1.5K	F-36K	F-1.5K	F-36K	○	○	○	○	×	×	×	×	○	×	0	×	47K	39K	×
HS-761V(E)	×	5.6K	27K	5.6K	27K	○	○	47K	27K	47K	27K	○	○	○	×	0	×	0	×	×	○	○	○	○	○	○	○	×	0	×	47K	47K	×
HS-761V(IR)	×	1.8K	27K	1.8K	27K	○	○	×	×	×	×	×	×	○	×	0	×	0	×	×	○	○	×	×	×	×	○	×	0	×	47K	39K	×

(B)(IR)ONLY ⚠PCB-CONNECTOR

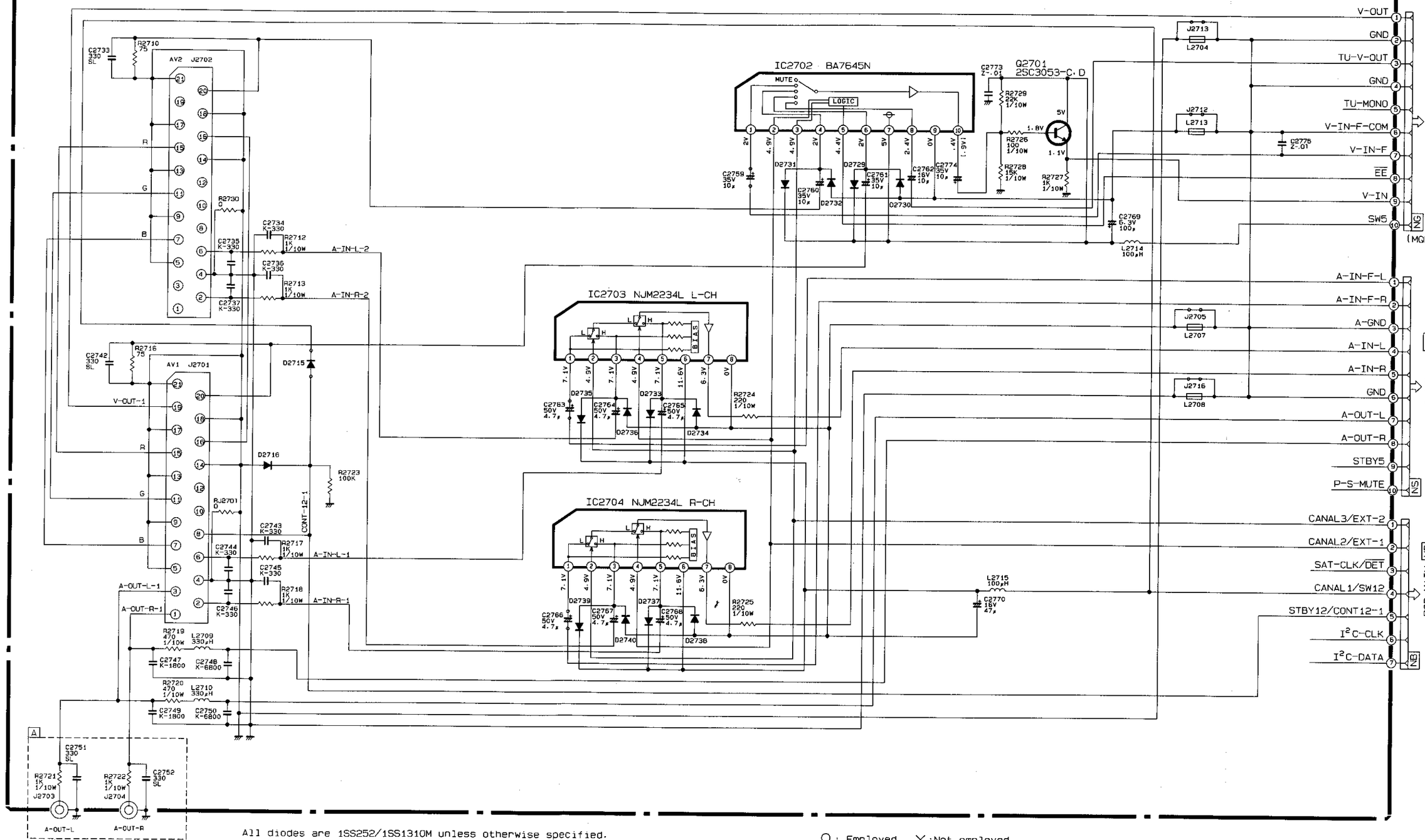


All diodes are 1SS252/1SS1310M unless otherwise specified.
All NPN transistors are 2SC3052-E,F unless otherwise sprcified.
All PNP transistors are 2SA1235-E,F unless otherwise specified.

○ : Employed ✕ : Not employed

SYMBOL	C2759	C2763	C2766	L2704	L2713	L2707	L2708	D2715	A
ADDRESS	B-6	D-5	E-5	A-9	B-9	C-9	D-9	C-3	F-1
HS-761V(B)/V(IR)	○	○	○	✕	✕	○	✕	✕	○

(B)(IR)ONLY ⚠PCB-CONNECTOR

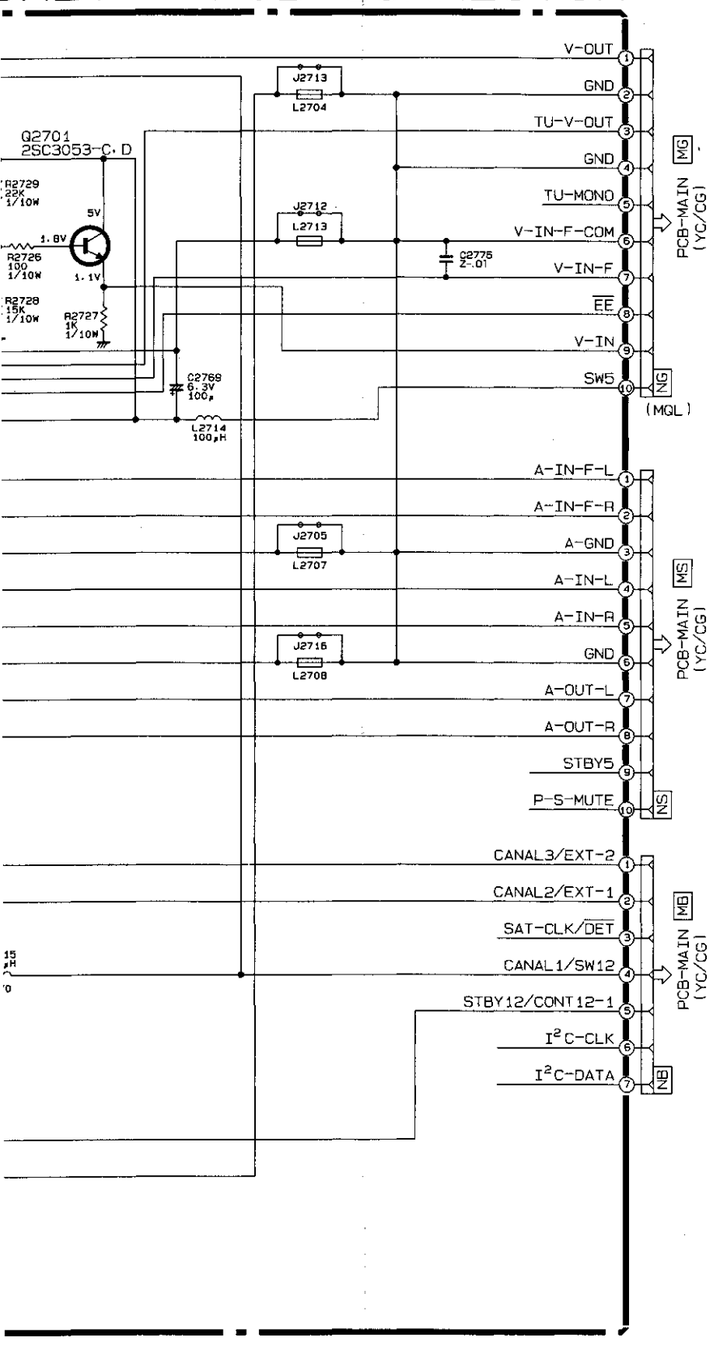


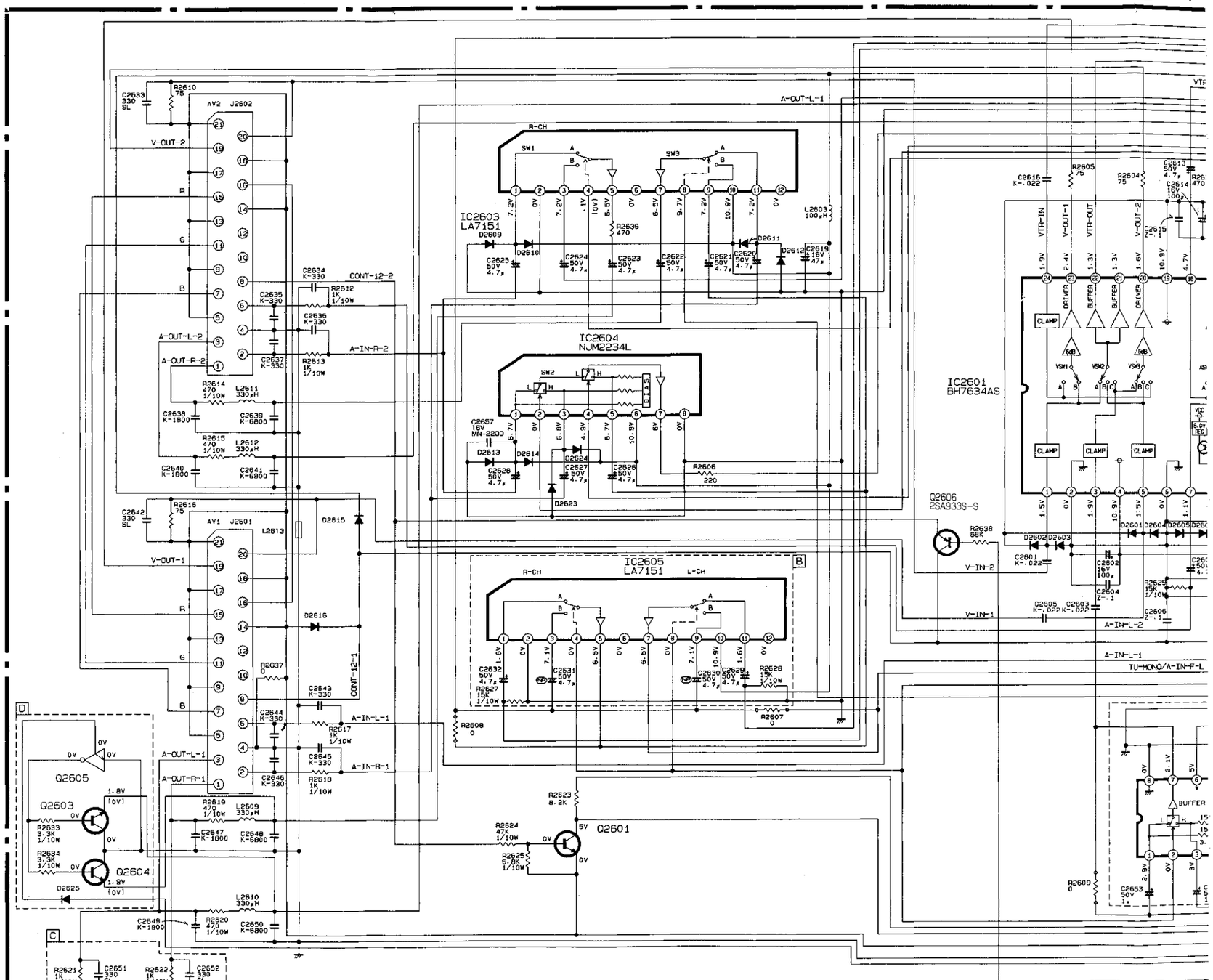
All diodes are 1SS252/1SS1310M unless otherwise specified.
All NPN transistors are 2SC3052-E,F unless otherwise specified.
All PNP transistors are 2SA1235-E,F unless otherwise specified.

○ : Employed ✕ : Not employed

SYMBOL	C2759	C2763	C2766	L2704	L2713	L2707	L2708	D2715	A
ADDRESS	B-6	D-5	E-5	A-9	B-9	C-9	D-9	C-3	F-1
HS-761V(B)/V(IR)	○	○	○	✕	✕	○	✕	✕	○

ONLY ⚠PCB-CONNECTOR





All diodes are 1SS252/1SS1310M unless otherwise specified.
All NPN transistors are 2SC3052-E,F unless otherwise specified.
All PNP transistors are 2SA1235-E,F unless otherwise specified.

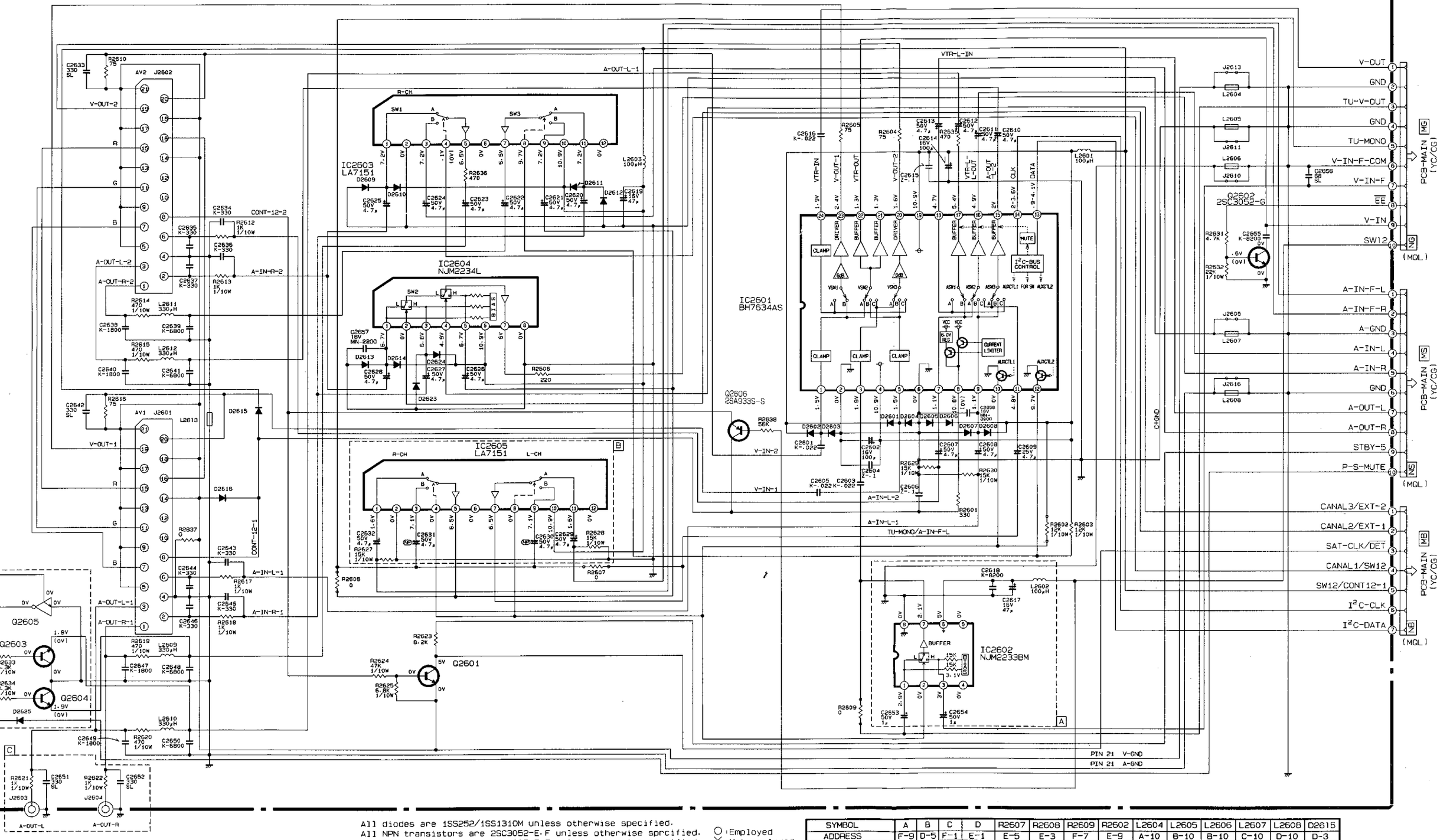
○:Employed
×:Not employed

SYMBOL	A	B	C
ADDRESS	F-9	D-5	F-
HS-761V(E)/V(GY)	○	○	○

ed

69	C2763	C2766	L2704	L2713	L2707	L2708	D2715	A
	D-5	E-5	A-9	B-9	C-9	D-9	C-3	F-1
	○	○	×	×	○	×	×	○

(E)(GY)ONLY ⚠PCB-CONNECTOR

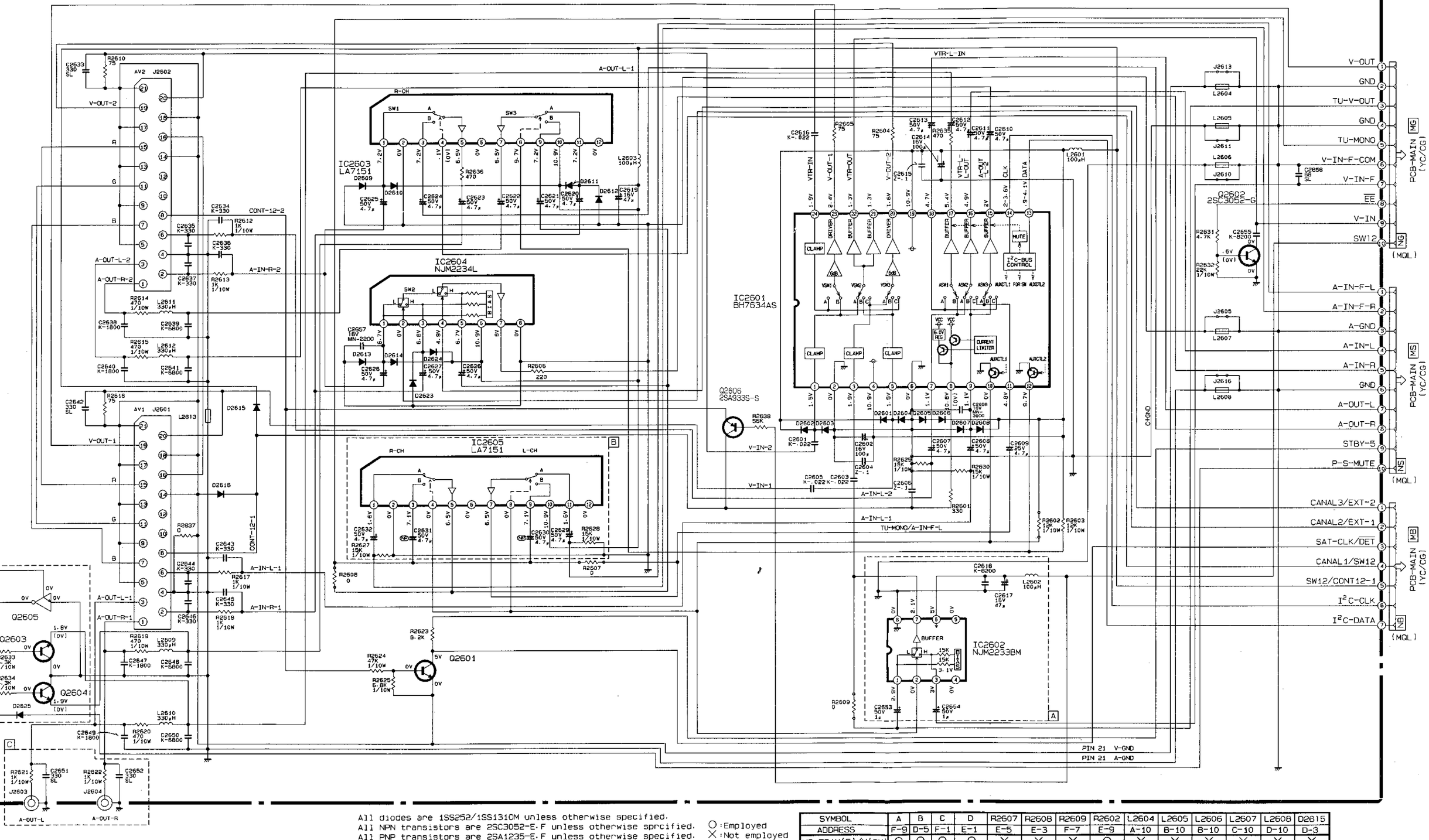


All diodes are 1SS252/1SS1310M unless otherwise specified.
All NPN transistors are 2SC3052-E·F unless otherwise sprcified.
All PNP transistors are 2SA1235-E·F unless otherwise specified.

○:Employed
×:Not employed

SYMBOL	A	B	C	D	R2607	R2608	R2609	R2602	L2604	L2605	L2606	L2607	L2608	D2615
ADDRESS	F-9	D-5	F-1	E-1	E-5	E-3	F-7	E-9	A-10	B-10	B-10	C-10	D-10	D-3
HS-761V(E)/V(GY)	○	○	○	○	×	×	×	○	×	×	×	×	×	×

(E)(GY)ONLY ⚠PCB-CONNECTOR

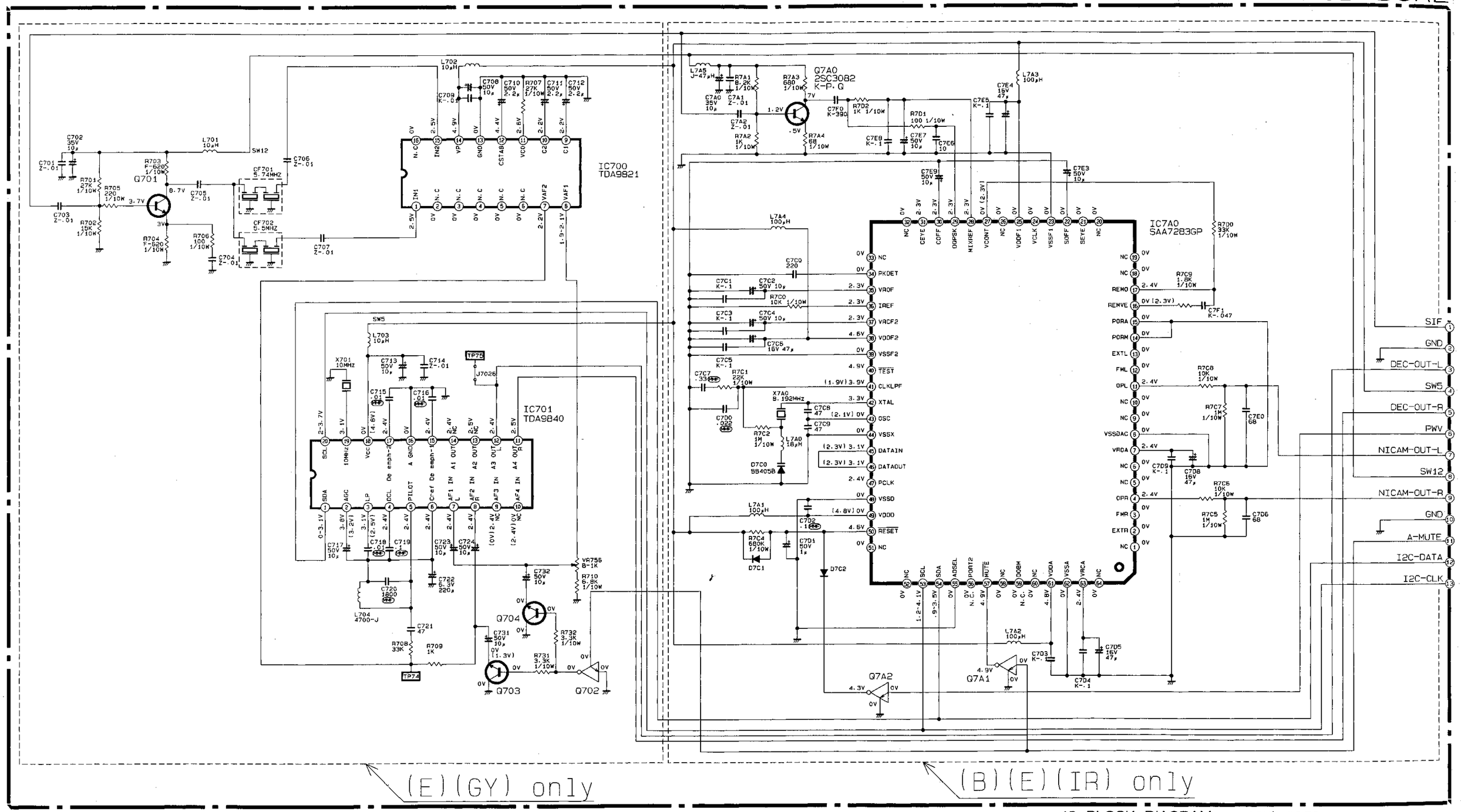


All diodes are 1SS252/1SS1310M unless otherwise specified.
All NPN transistors are 2SC3052-E·F unless otherwise sprcified.
All PNP transistors are 2SA1235-E·F unless otherwise specified.

○:Employed
×:Not employed

SYMBOL	A	B	C	D	R2607	R2608	R2609	R2602	L2604	L2605	L2606	L2607	L2608	D2615
ADDRESS	F-9	D-5	F-1	E-1	E-5	E-3	F-7	E-9	A-10	B-10	B-10	C-10	D-10	D-3
HS-761V(E)/V(GY)	○	○	○	○	×	×	×	○	×	×	×	×	×	×

⚠ PCB-DUAL



IC-BLOCK DIAGRAM on next page.

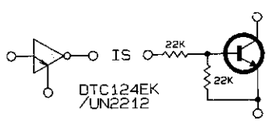
HS-761V(B)/V(E)/V(GY)/V(IR)

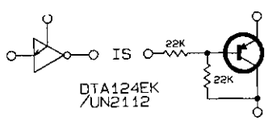
④

All diodes are 1SS252
unless otherwise specified.

All NPN transistors are 2SC3053-C, D
unless otherwise specified.

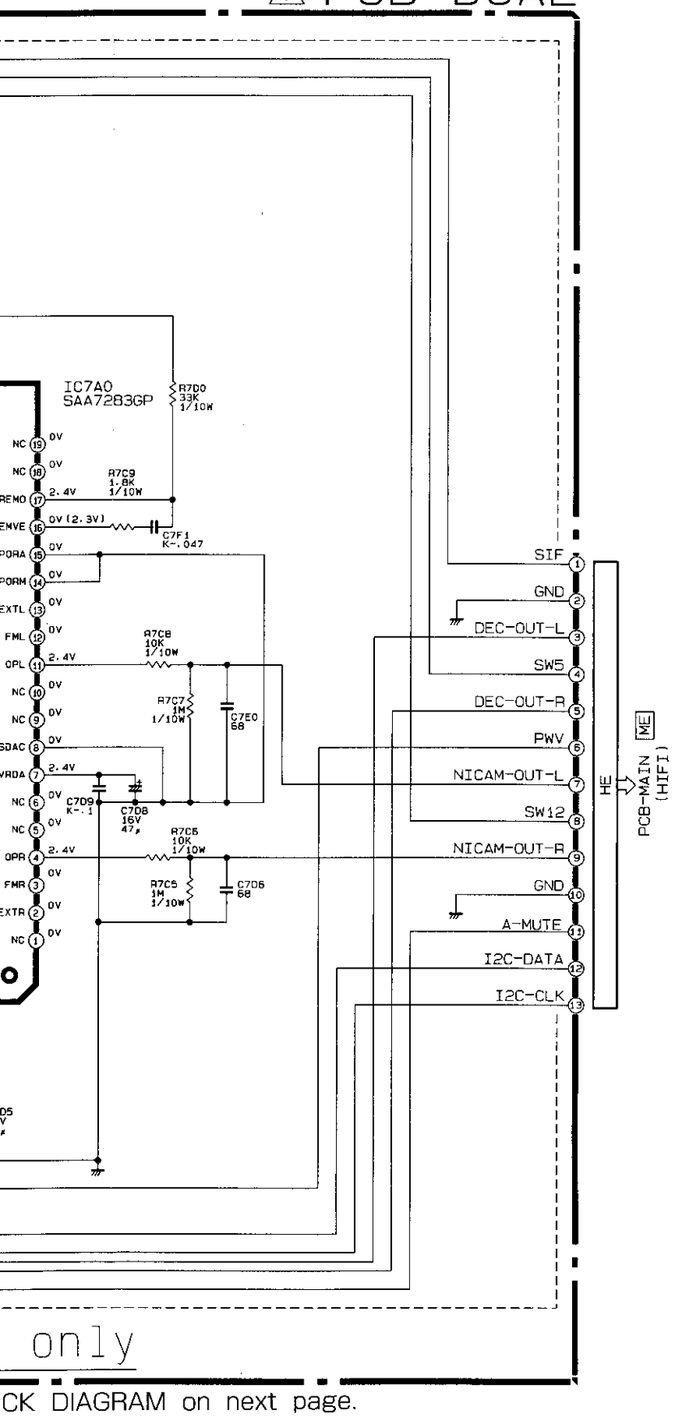
All PNP transistors are 2SA1235-E, F
unless otherwise specified.





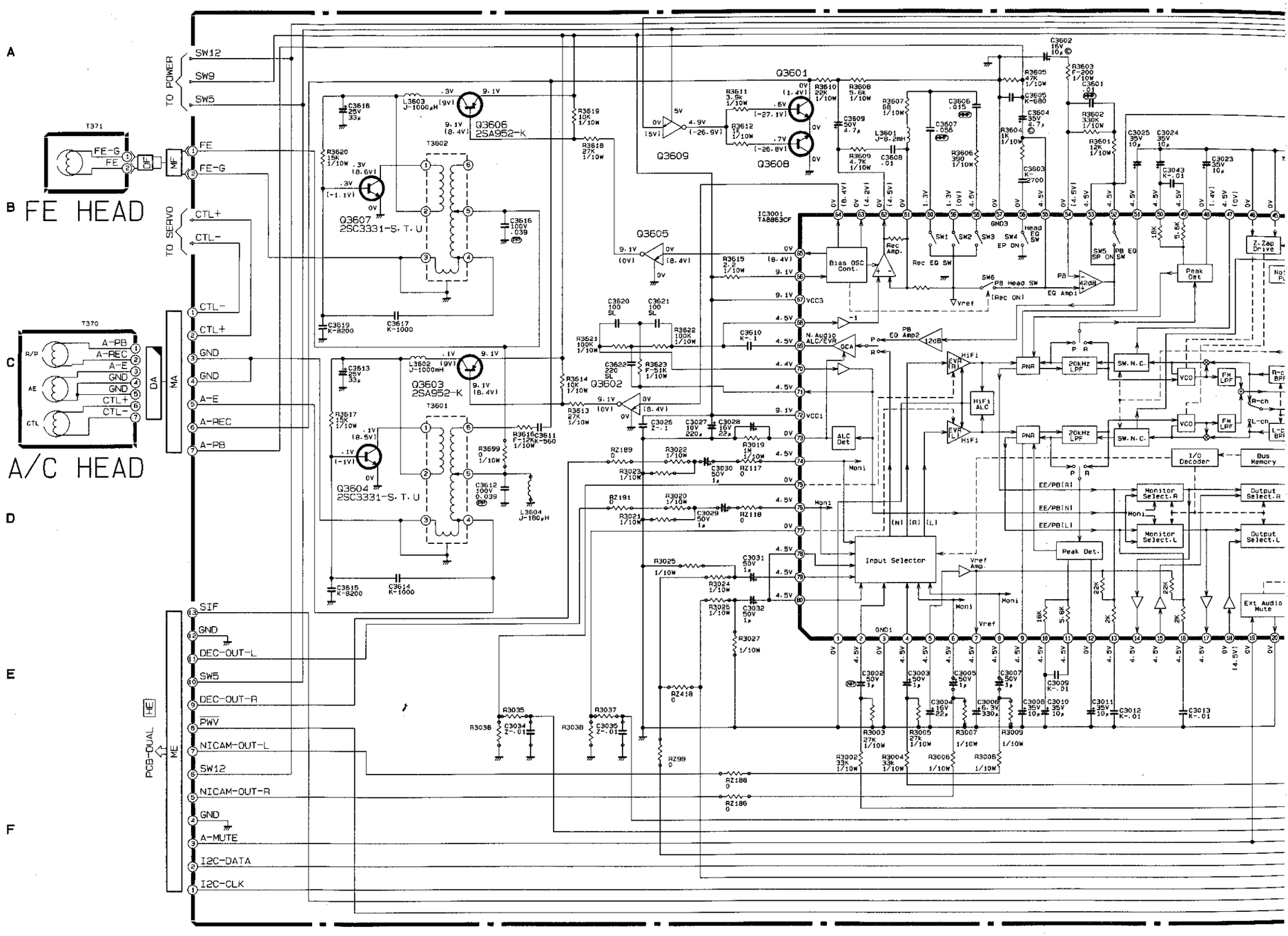
9 10 11 1 2 3 4 5 6 7 8

⚠ PCB-DUAL

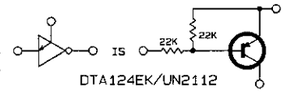


only

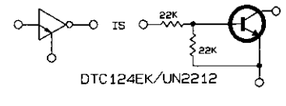
CK DIAGRAM on next page.



All diodes are 1SS252/1SS1310M unless otherwise specified.
All NPN transistors are 2SC3052-E.F unless otherwise sprcified.
All PNP transistors are 2SA1235-E.F unless otherwise specified.



DTA124EK/UN2112

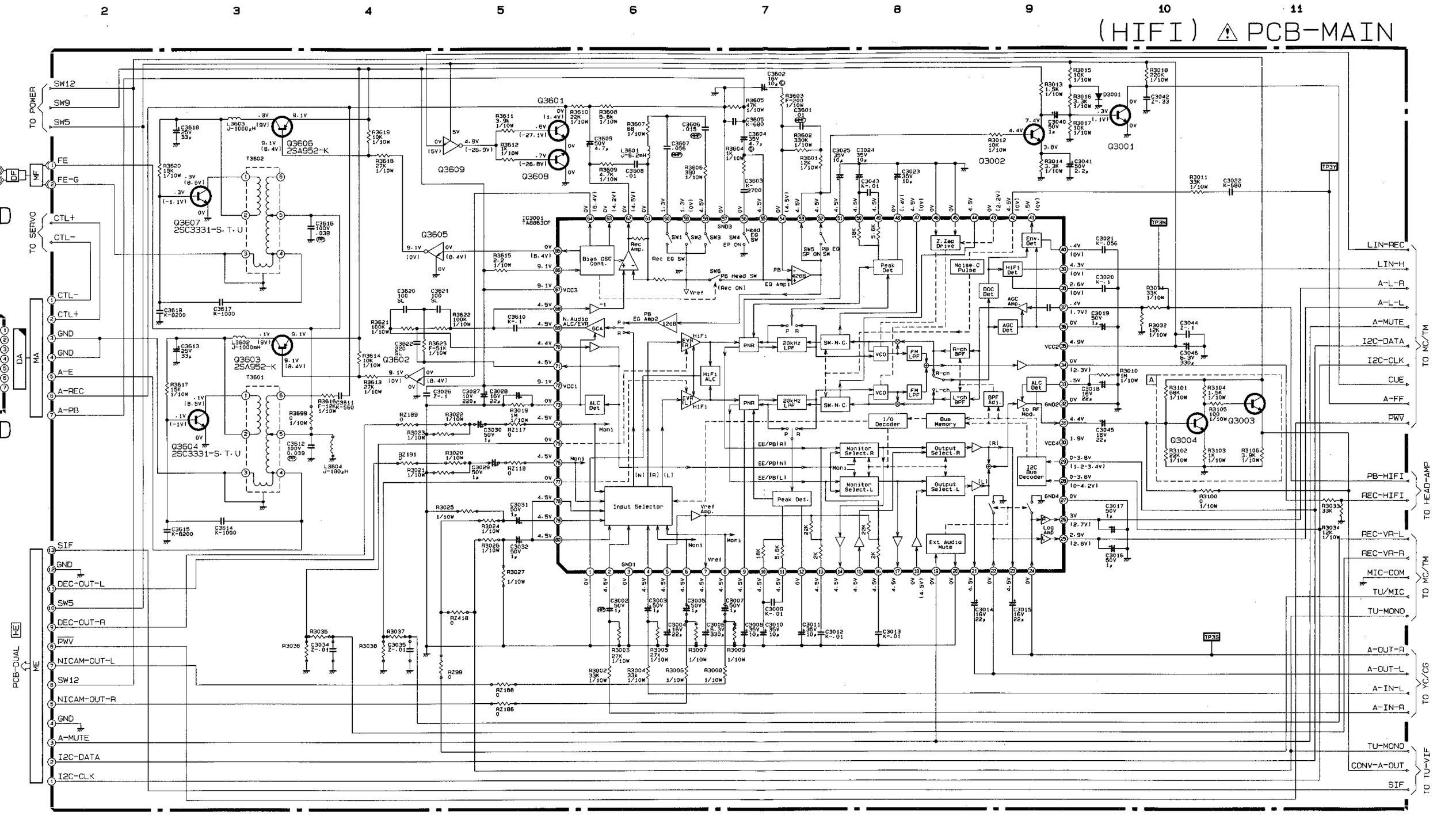


DTC124EK/UN2212

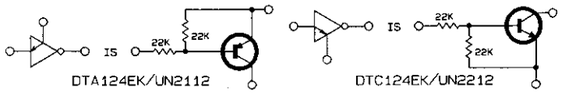
○:Employed ×:Not employed

SYMBOL	A	R3006	R3007	R3008	R3009	C3005	C3007	R3020	R3021	R3022	R3023	C3029	C3030	L3604
ADDRESS	D-11	E-7	E-7	E-7	E-7	E-7	E-7	C-5	D-5	D-5	D-5	C-6	D-6	C-4
HS-761V(GY)	×	×	×	×	×	×	×	47K	27K	47K	27K	○	○	○
HS-761V(B)	×	1.8K	27K	1.8K	27K	○	○	×	×	×	×	×	×	○
HS-761V(E)	×	5.6K	27K	5.6K	27K	○	○	47K	27K	47K	27K	○	○	○
HS-761V(IR)	×	1.8K	27K	1.8K	27K	○	○	×	×	×	×	×	×	○

(HIFI) ⚠ PCB-MAIN

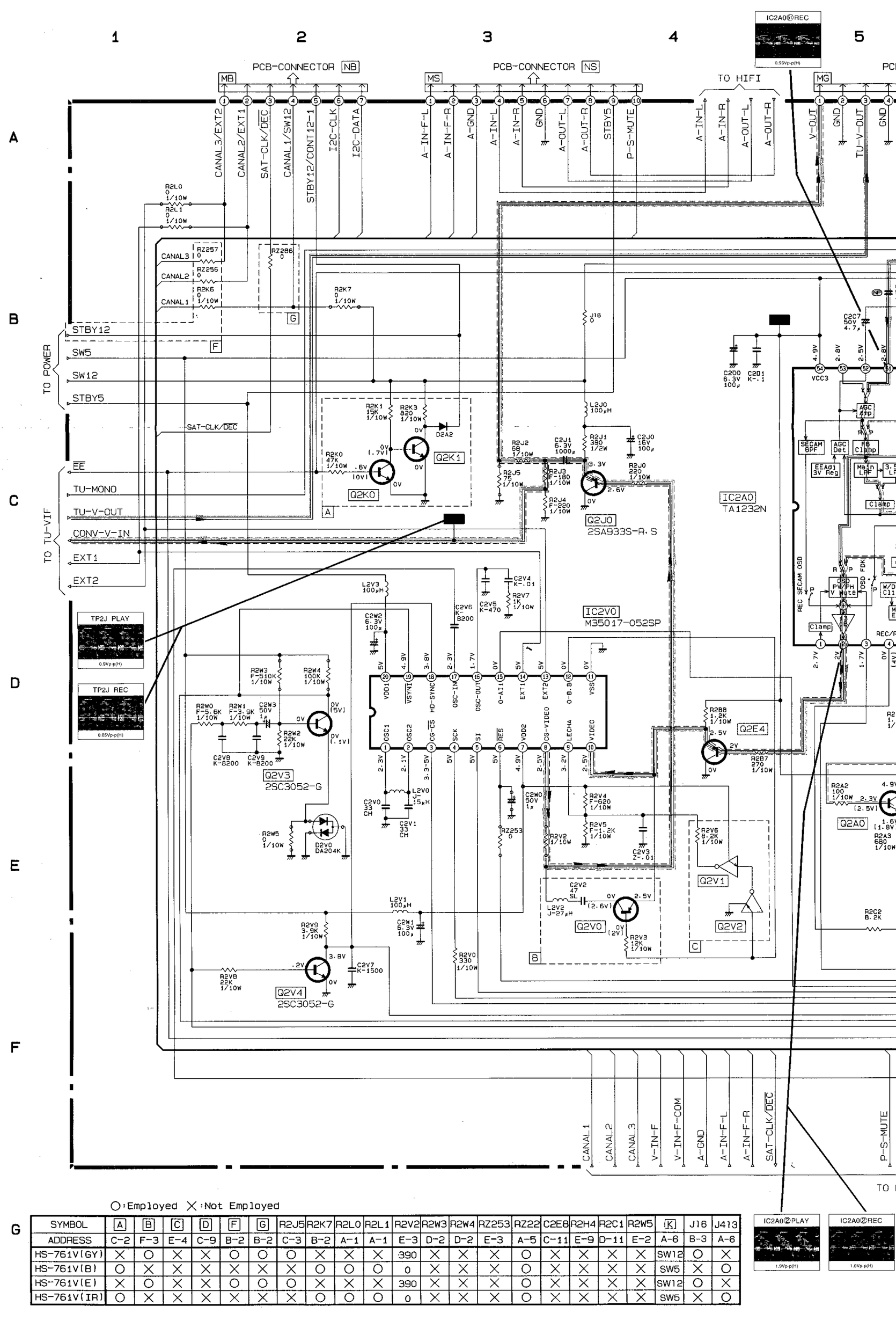


1SS252/1SS1310M unless otherwise specified.
stors are 2SC3052-E·F unless otherwise sprcified.
stors are 2SA1235-E·F unless otherwise specified.



O:Employed X:Not employed

SYMBOL	A	R3006	R3007	R3008	R3009	C3005	C3007	R3020	R3021	R3022	R3023	C3029	C3030	L3604	R3035	R3036	R3037	R3038	C3034	C3035	RZ186	RZ188	RZ189	RZ191	RZ117	RZ118	RZ99	RZ418	R3024	R3025	R3026	R3027	R3699
ADDRESS	D-11	E-7	E-7	E-7	E-7	E-7	E-7	C-5	D-5	D-5	D-5	C-6	D-6	C-4	E-4	E-4	E-5	E-5	E-4	E-5	F-6	F-6	D-5	D-5	D-6	D-6	E-5	E-5	D-5	D-5	D-5	E-6	D-3
HS-761V(GY)	X	X	X	X	X	X	X	47K	27K	47K	27K	O	O	O	F-1.5K	F-36K	F-1.5K	F-36K	O	O	X	X	O	O	O	O	O	X	0	X	47K	47K	X
HS-761V(B)	X	1.8K	27K	1.8K	27K	O	O	X	X	X	X	X	X	O	F-1.5K	F-36K	F-1.5K	F-36K	O	O	O	O	X	X	X	X	O	X	0	X	47K	39K	X
HS-761V(E)	X	5.6K	27K	5.6K	27K	O	O	47K	27K	47K	27K	O	O	O	X	0	X	0	X	X	O	O	O	O	O	O	O	X	0	X	47K	47K	X
HS-761V(IR)	X	1.8K	27K	1.8K	27K	O	O	X	X	X	X	X	X	O	X	0	X	0	X	X	O	O	X	X	X	X	O	X	0	X	47K	39K	X

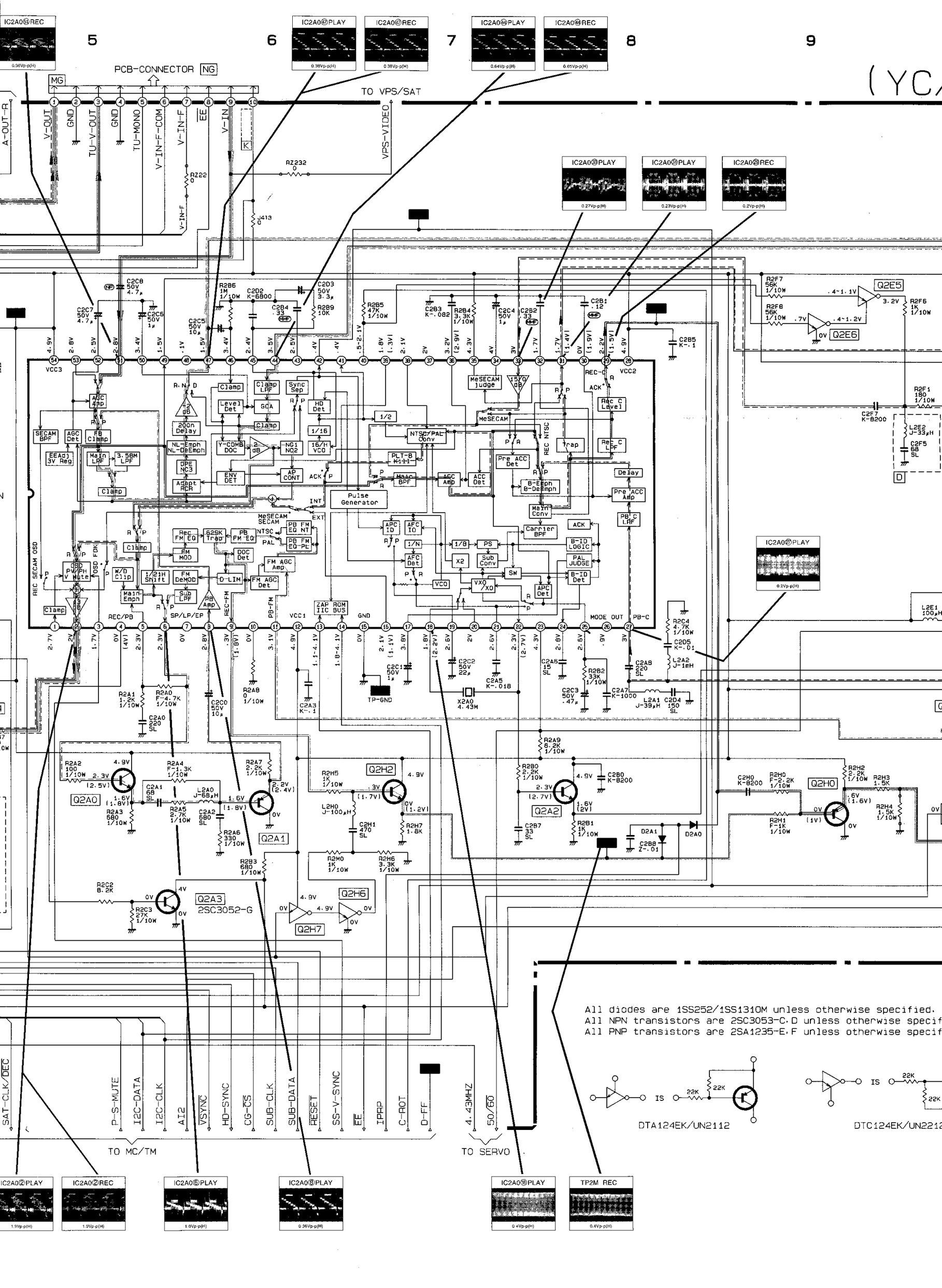


○:Employed ×:Not Employed

SYMBOL	A	B	C	D	F	G	R2J5	R2K7	R2L0	R2L1	R2V2	R2W3	R2W4	RZ253	RZ22	C2E8	R2H4	R2C1	R2W5	K	J16	J413
ADDRESS	C-2	F-3	E-4	C-9	B-2	B-2	C-3	B-2	A-1	A-1	E-3	D-2	D-2	E-3	A-5	C-11	E-9	D-11	E-2	A-6	B-3	A-6
HS-761V(GY)	×	○	×	×	○	○	○	×	×	×	390	×	×	×	○	×	×	×	×	SW12	○	×
HS-761V(B)	○	×	×	×	×	×	×	○	○	○	0	×	×	×	○	×	×	×	×	SW5	×	○
HS-761V(E)	×	○	×	×	○	○	○	×	×	×	390	×	×	×	○	×	×	×	×	SW12	○	×
HS-761V(IR)	○	×	×	×	×	×	×	○	○	○	0	×	×	×	○	×	×	×	×	SW5	×	○

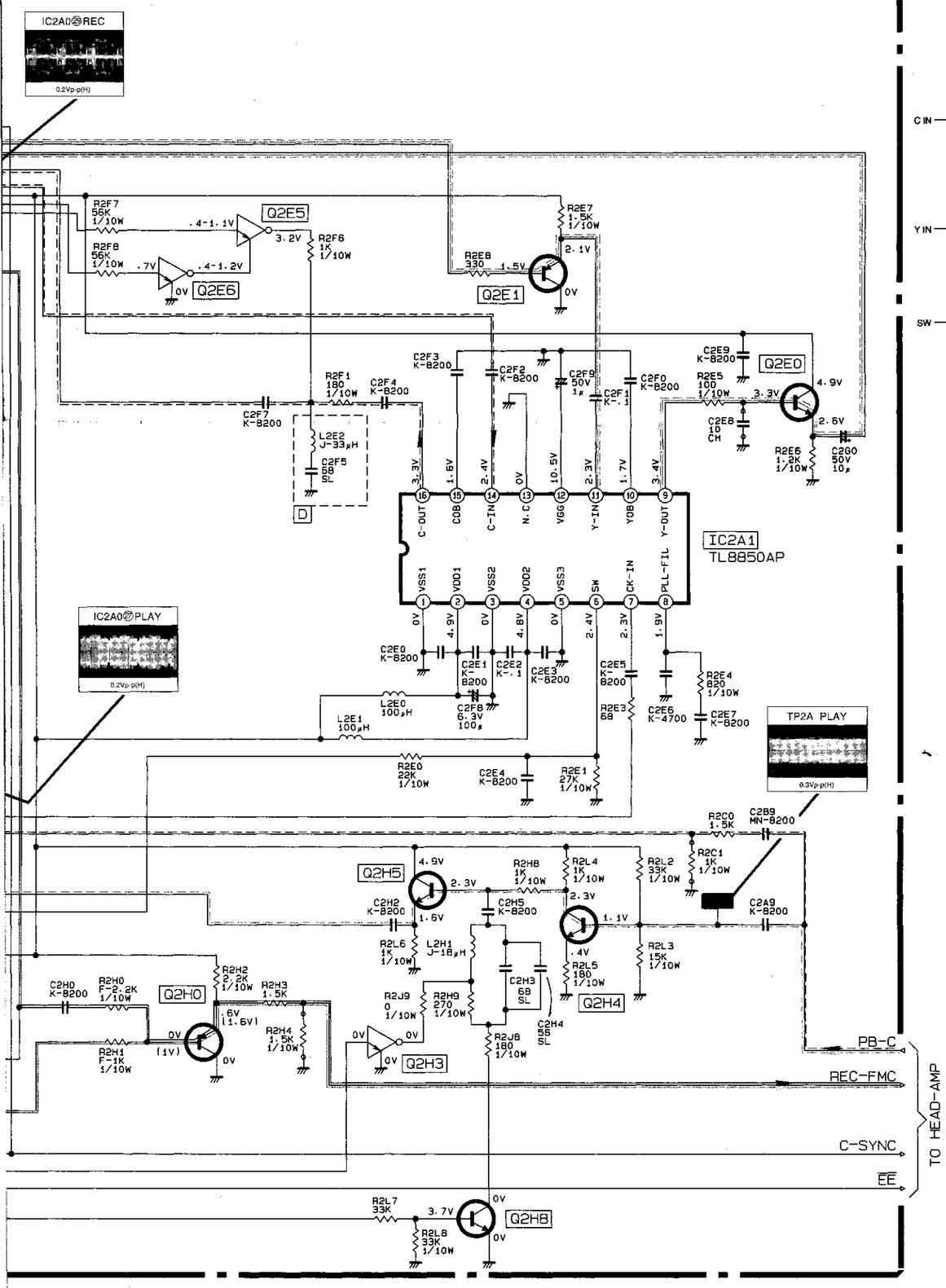
IC2A0②PLAY
1.9Vp-p(H)

IC2A0②REC
1.9Vp-p(H)

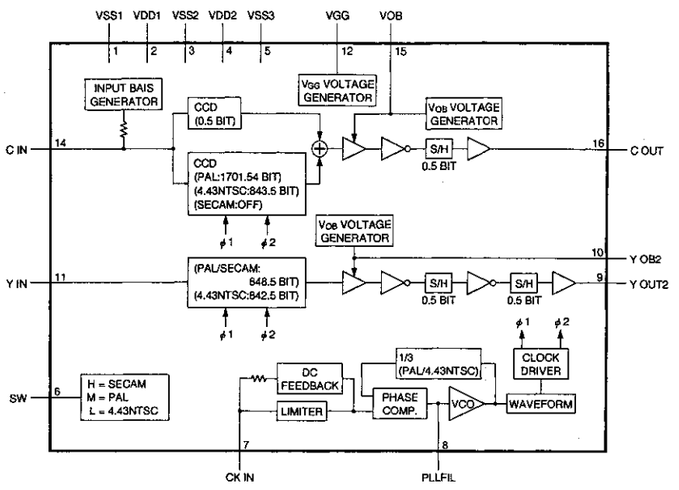

IC2A0⑤REC
0.98Vp-p(H)
5
IC2A0㊼PLAY
IC2A0㊷REC
0.38Vp-p(H)
0.38Vp-p(H)
6
IC2A0㊹PLAY
IC2A0㊹REC
0.64Vp-p(H)
0.65Vp-p(H)
7
8
9
PCB-CONNECTOR NG
MG
TO VPS/SAT
A-OUT-R
V-OUT
GND
TU-V-OUT
GND
TU-MONO
V-IN-F-COM
V-IN-F
EE
V-IN
VPS-VIDEO
RZ22 0
RZ232 0
J413 0
IC2A0㊸PLAY
IC2A0㊶PLAY
IC2A0㊸REC
0.27Vp-p(H)
0.23Vp-p(H)
0.2Vp-p(H)
C2C7 50V 4.7μ
C2C8 50V 4.7μ
C2C6 50V 1μ
C2C5 50V 10μ
R2B6 1M 1/10W
C2D2 K-6800
C2B4 33
C2D3 50V 3.3μ
R2B9 10K
R2B5 47K 1/10W
C2B3 K-.082
R2B4 3.3K 1/10W
C2C4 50V 1μ
C2B2 33
C2B1 .12
R2F7 56K 1/10W
R2F8 56K 1/10W
Q2E5
Q2E6
R2F6 1K 1/10W
C2B5 K-.1
R2F1 180 1/10W
C2E7 K-8200
L2E2 J-33μH
C2F5 68 SL
D
VCC3
VCC2
REC-C
ACK
AGC Amp
SECAM BPF
AGC Det
RB Clamp
EEAGC 3V Reg
Main LPF
3.58M LPF
Clamp
A.N.D
Clamp
Level Det
GCA
Clamp LPF
Sync Sep
HD Det
1/2
200n Delay
NL-Emph NL-DeEmph
DPE NC3
Adapt ACR
Y-COMB DOC
2 dB
NG1 NC2
1/16
16/H VCO
ENV DET
AP CONT
PLT-B Kill
NTSC/PAL Conv
MeSECAM judge
15/0 dB
MeSECAM
Rec C Level
Trap
Rec C LPF
Pre ACC Det
ACC Amp
ACC Det
Main BPF
B-Emph B-DeEmph
Delay
Pre ACC Amp
PB C LPF
Pulse Generator
INT
EXT
MeSECAM SECAM
Main Conv
Carrier BPF
ACK
APC ID
AFC IO
1/N
AFC Det
VCO
1/8
PS
Sub Conv
X2
SW
VXO /XO
APC Det
B-ID LOGIC
PAL JUDGE
B-ID Det
REC SECAM OSD
OSD P/V/H V Mute
OSD FDK
W/D Clip
1/21H Shift
FM DeMOD
Sub LPF
D-LIM
FM AGC Det
FM AGC Amp
Main-Emph
PB Amp
Rec FM EQ
625K Trap
PB FM EQ
PB FM EQ-NT
PB FM EQ-PL
DOC Det
FM MOD
REC/PB
SP/LP/EP
REC-FM
PB-FM
VCC1
GND
ZAP ROM IIC BUS
MODE OUT
PB-C
R2C4 4.7K 1/10W
C2D5 K-.01
L2A2 J-1mH
L2E1 100μH
IC2A0㉗PLAY
0.2Vp-p(H)
R2A1 1.2K 1/10W
R2A0 F-4.7K 1/10W
C2A0 220 SL
C2C0 50V 10μ
R2A8 0 1/10W
C2A3 K-.1
TP-GND
C2C1 50V 1μ
C2C2 50V 22μ
C2A5 K-.018
X2A0 4.43M
C2A5 15 SL
C2C3 50V .47μ
C2A7 K-1000
R2B2 33K 1/10W
L2A1 J-39μH
C2D4 150 SL
C2A8 220 SL
R2A9 6.2K 1/10W
R2B0 2.2K 1/10W
C2B0 K-8200
R2B1 1K 1/10W
C2B7 33 SL
C2B8 Z-.01
D2A1
D2A0
C2H0 K-8200
R2H0 F-2.2K 1/10W
R2H1 F-1K 1/10W
R2H2 2.2K 1/10W
R2H3 1.5K
R2H4 1.5K 1/10W
Q2H0
Q2A0
R2A2 100 1/10W
R2A4 F-1.3K 1/10W
C2A1 68 SL
L2A0 J-68μH
R2A5 2.7K 1/10W
R2A3 680 1/10W
C2A2 680 SL
R2A6 330 1/10W
R2A7 2.2K 1/10W
Q2A1
R2B3 680 1/10W
Q2A2
R2H5 1K 1/10W
Q2H2
L2H0 J-100μH
C2H1 470 SL
R2H7 1.8K
R2M0 1K 1/10W
R2H6 3.3K 1/10W
R2C2 8.2K
R2C3 27K 1/10W
Q2A3
2SC3052-G
Q2H6
Q2H7
All diodes are 1SS252/1SS1310M unless otherwise specified.
All NPN transistors are 2SC3053-C,D unless otherwise specif
All PNP transistors are 2SA1235-E,F unless otherwise specif
IS
22K
22K
DTA124EK/UN2112
DTC124EK/UN2212
SAT-CLK/DEC
P-S-MUTE
I2C-DATA
I2C-CLK
AI2
VSYNC
HD-SYNC
CG-CS
SUB-CLK
SUB-DATA
RESET
SS-V-SYNC
EE
IPRP
C-ROT
D-FF
4.43MHZ
50/60
TO MC/TM
TO SERVO
IC2A0②PLAY
1.9Vp-p(H)
IC2A0②REC
1.9Vp-p(H)
IC2A0⑤PLAY
1.0Vp-p(H)
IC2A0⑧PLAY
0.36Vp-p(H)
IC2A0⑱PLAY
0.4Vp-p(H)
TP2M REC
0.4Vp-p(H)

9 10 11

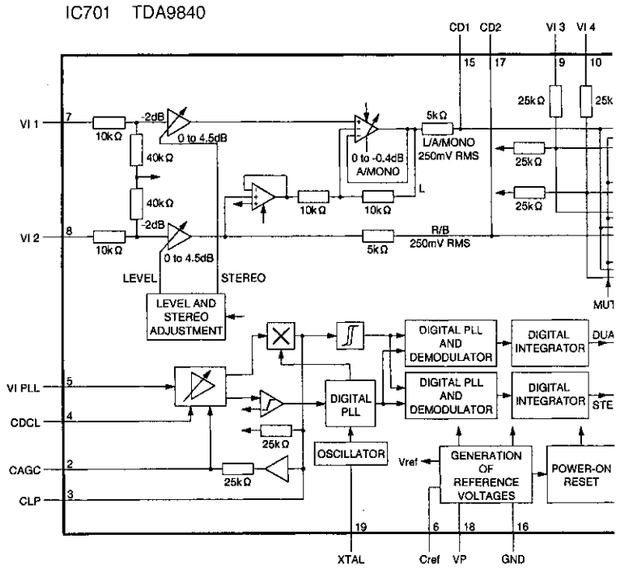
(YC/CG) ⚠ PCB-MAIN



IC2A1 TL8850AP



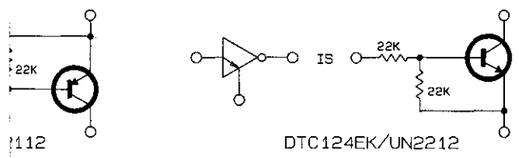
IC701 TDA9840



[IC-BLOCK DIA

2/1SS1310M unless otherwise specified.
are 2SC3053-C, D unless otherwise specified.
are 2SA1235-E, F unless otherwise specified.

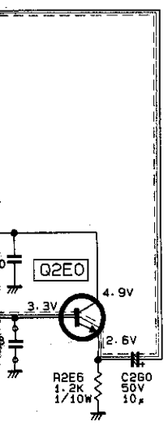
Recording of Luminance Signal
Playback of Luminance Signal
Recording of Color Signal
Playback of Color Signal



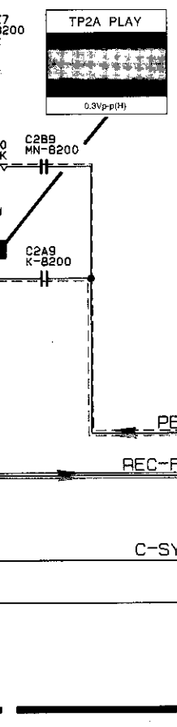
2112 DTC124EK/UN2212

1

MAIN

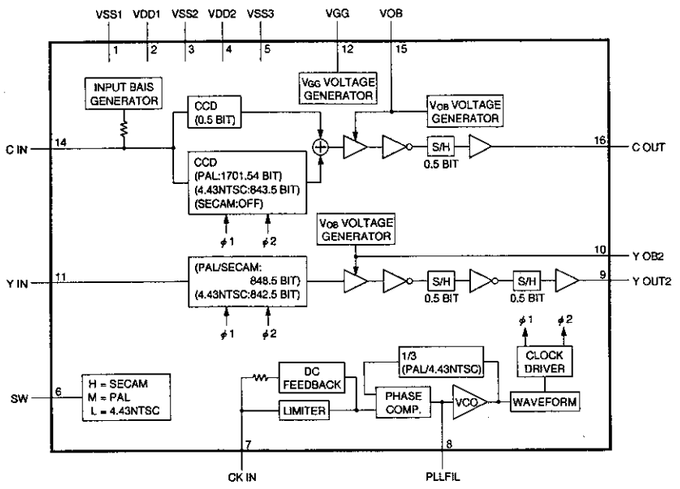


2A1
8850AP

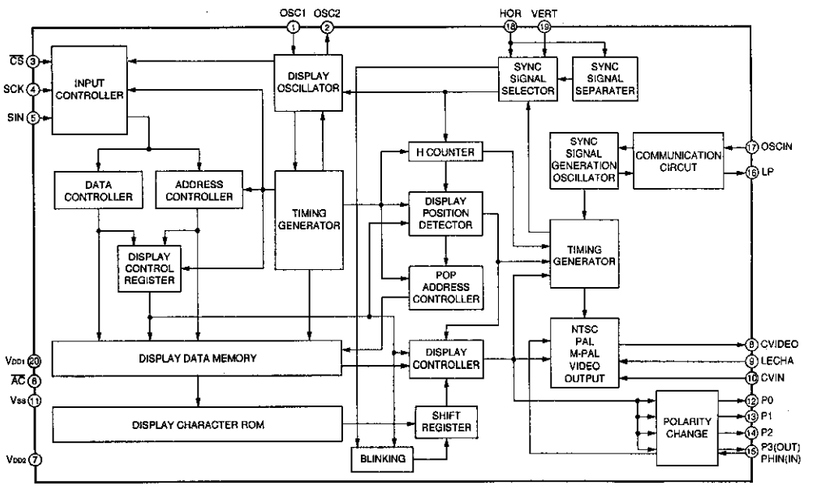


g of Luminance Signal
of Luminance Signal
g of Color Signal
of Color Signal

IC2A1 TL8850AP

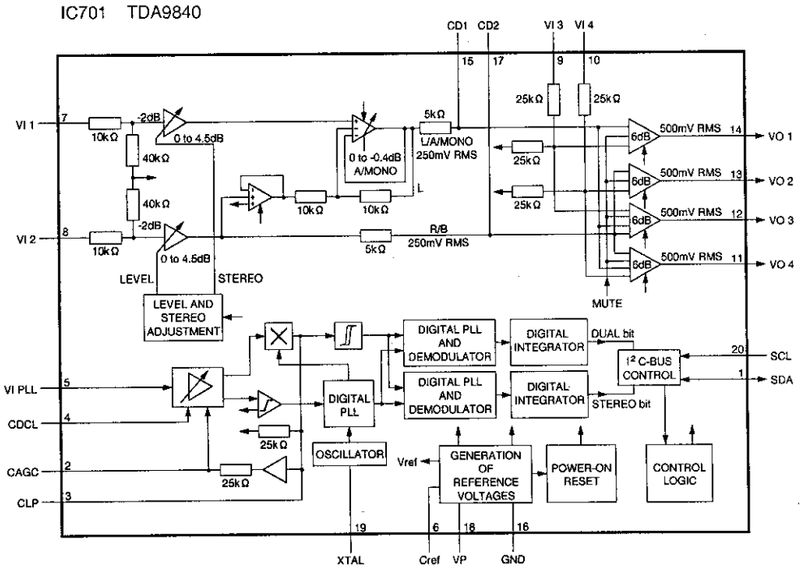


IC2V0 M35017-052SP

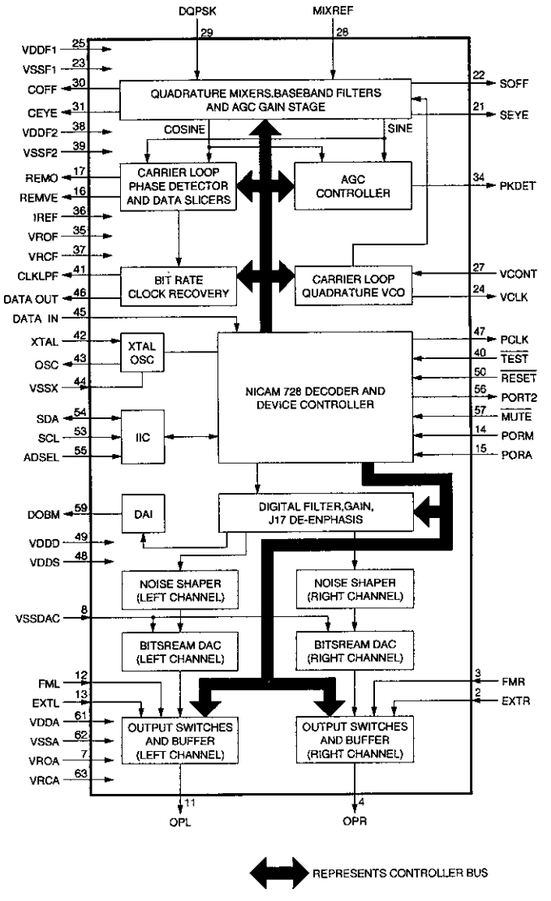


[IC-BLOCK DIAGRAM PCB-DUAL]

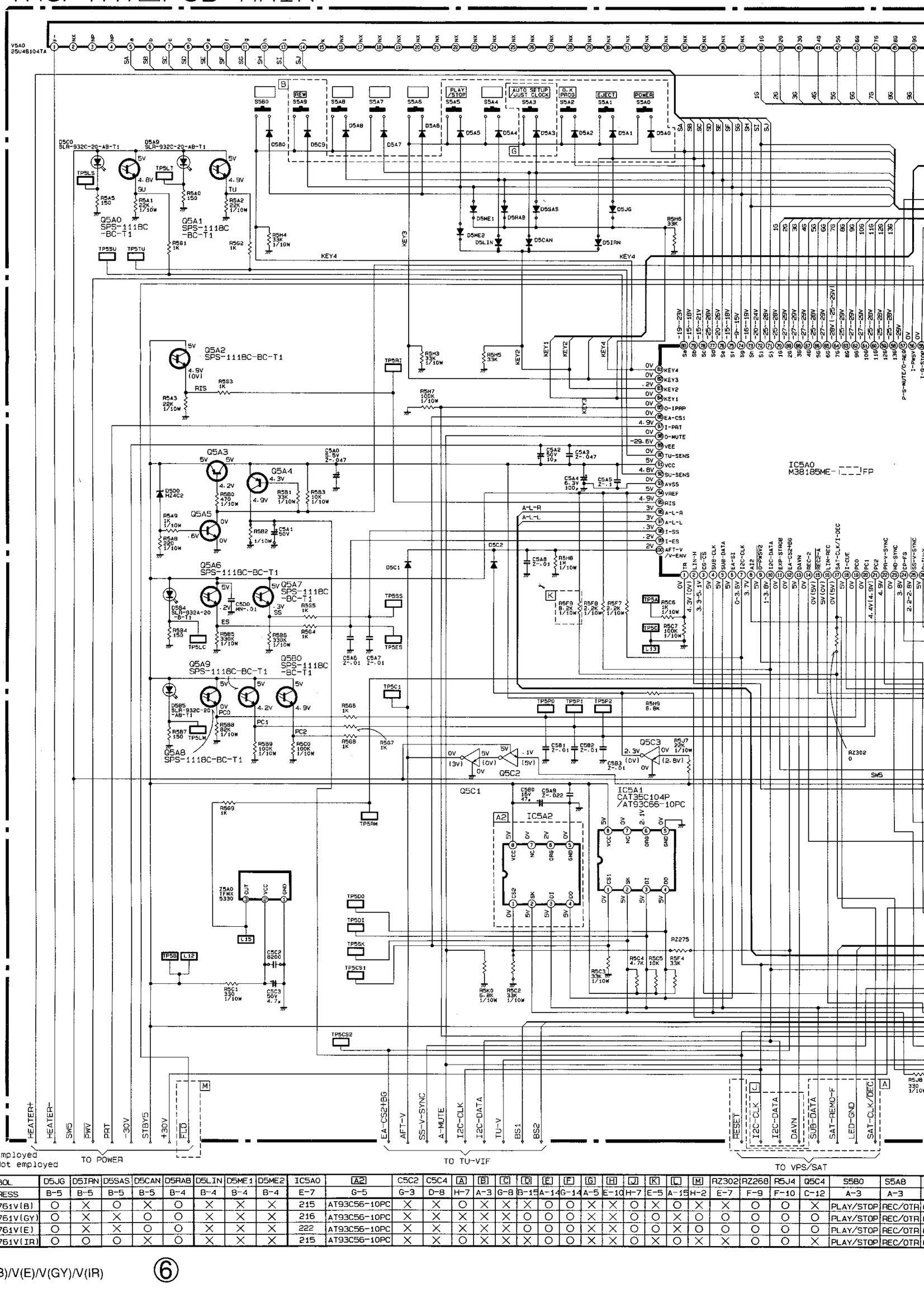
IC701 TDA9840



IC7A0 SAA7283GP



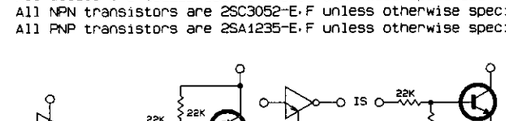
(MC/TM)⚠PCB-MAIN



○:Employed
×:Not employed

SYMBOL	D5JG	D5IRN	D5SAS	D5CAN	D5RAB	D5LIN	D5ME1	D5ME2	IC5A0	A2	C5C2	C5C4	A	B	C	D	E	F	G	H	J	K	L	M	RZ302	RZ268	R5J4	Q5C4	S5B0	S5A8
ADDRESS	B-5	B-5	B-5	B-5	B-4	B-4	B-4	B-4	E-7	G-5	G-3	D-8	H-7	A-3	G-8	B-15	A-14	G-14	A-5	E-10	H-7	E-5	A-15	H-2	E-7	F-9	F-10	C-12	A-3	A-3
HS-761V(B)	○	×	○	×	○	×	×	×	215	AT93C56-10PC	×	×	○	×	×	×	○	○	×	×	○	×	○	×	×	○	○	×	PLAY/STOP	REC/OTR
HS-761V(GY)	○	×	×	○	○	×	×	×	216	AT93C56-10PC	×	×	×	×	×	○	○	○	×	×	○	○	×	○	○	○	○	○	PLAY/STOP	REC/OTR
HS-761V(E)	○	×	×	○	○	×	×	×	222	AT93C56-10PC	×	×	×	×	×	○	○	○	×	×	○	○	×	○	○	○	○	○	PLAY/STOP	REC/OTR
HS-761V(IR)	○	○	○	×	○	×	×	×	215	AT93C56-10PC	×	×	○	×	×	×	○	○	×	×	○	×	○	×	×	○	○	×	PLAY/STOP	REC/OTR

All diodes are 1SS252/1SS131 unless otherwise specified.
All NPN transistors are 2SC3052-E,F unless otherwise specified.
All PNP transistors are 2SA1235-E,F unless otherwise specified.



IC5A0
M38185ME-[ ][ ]FP

IC5A4
TC4094BF
/MC14094BF
/BU4094BCF

IC5A3
μPC574J

Q5B1
Q5B2
Q5B6
2SC3052-G
Q5C4

TO VPS/SAT
TO YC/CG
TO HEAD-AMP
TO HIFI

268	R5J4	Q5C4	S5B0	S5A8	S5A7	S5A6	P	R5B2	C5A1
-9	F-10	C-12	A-3	A-3	A-3	A-4	H-9	D-3	D-3
○	○	×	PLAY/STOP	REC/OTR	O.K PROG	PAUSE	×	680	10μ
○	○	○	PLAY/STOP	REC/OTR	O.K PROG	PAUSE	○	15K	.47μ
○	○	○	PLAY/STOP	REC/OTR	O.K PROG	PAUSE	○	15K	.47μ
○	○	×	PLAY/STOP	REC/OTR	O.K PROG	PAUSE	×	680	10μ

12 13 14 15 16

PCB-JOG JK

MK

KEY3 KEY4 KEY2 KEY1 SI SH N.C. N.C. N.C.

L5 L6 L7 L8 TP5V

LED-GND

SAT-REMO-F

MJ

PCB-OPE OJ

TP5T TP5X L9

GND

R5J6 1K 1/10W PWSV2-LED

MN

5V 0V Q5C4

PCB-POWER-SAVE

GND PWSV2-LED SEL 2210S TP2

DR-ON
CP-FWD
UL
CP-FG
L
CTL-GAIN
SV-SERIAL
QSTOP
DR-ADJ
CPADJ3
CPADJ
5L
CTL
D-FF
PB-START
VSYNC
A-FF

TO SERVO

R5D3 10K

TP-RESET L11

RESET S5B1

A-IN-F-R
A-IN-F-L
A-GND
V-IN-F
V-IN-F-COM
REC-VR-R
REC-VR-L
TU/MIC
TU-MONO
MIC-COM
SW5
KEY3
Sa
Sb
N.C.
Sd
Se
KEY4

PCB-OPE OM

MM

REC2 A-FF LIN-REC LIN-H A-MUTE A-L-R A-L-L REC-VR-R REC-VR-L TU/MIC I2C-DATA I2C-CLK CUE MIC-COM TU-MONO A-FF PWV

TO HIFI

IC5A4 TC4094BF/MC14094BF/BU40

SERIAL DATA IN 2
OUTPUT ENABLE 15
CLOCK 3
STROBE 1
CLOCK
CLOCK
CLOCK
CLOCK
CLOCK
CLOCK
STROBE
STROBE

TRANSMITTER REMOTE CONTROLLER

IC1 M34232M4 -111FP

1 NC
2 D2
3 D1
4 D0
5 F3
6 F2
7 F1
8 F0
9 NC
10 G3
11 G2
12 G1
13 G0
14 NC
15 CNVss
16 Xout
17 Xin
18 Vss

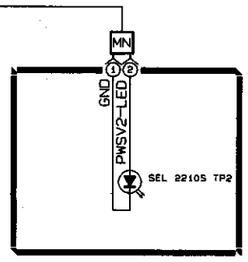
NC 36
D3 35
D4 34
D5 33
D6 32
D7 31
D8/CNT0 30
D9/CNT1 29
NC 28
D10/INT0 27
D11/INT1 26
D12 25
D13 24
NC 23
D14 22
RESET 21
C 20
Vdd 19

TV CHANNEL ▼ 3
TV POWER 6
MONITOR 9
AV 2
VOLUME ▼ 5
1 8
4 7
O.K.PROG.
SP/LP
SHOWVIEW VIDEO Plus+ G-CODE
PAUSE
FF
MENU
DATA ON SCREEN
0
VCR POWER
JOG +
JOG -
REC
REW
COUNTER RESET CANCEL
DAILY /WEEKLY
VOLUME ▲
PLAY/STOP
SHUTTLE ▶
SHUTTLE ◀
TV CHANNEL ▲

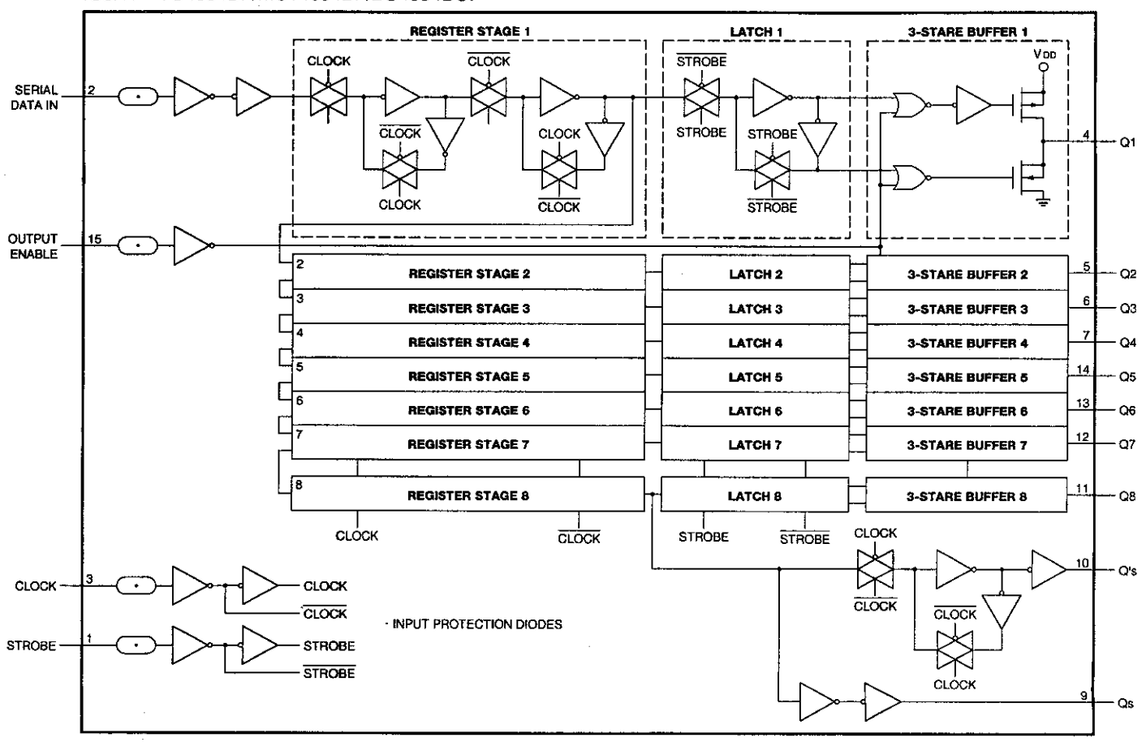
X1 910kHz
C5 100
C4 100
C3 0.01
C2 0.33
R4 1M
R1 220
JP1 JP2 JP3 JP4

PCB-OPE [OJ]

PCB-POWER-SAVE



IC5A4 TC4094BF/MC14094BF/BU4094BCF

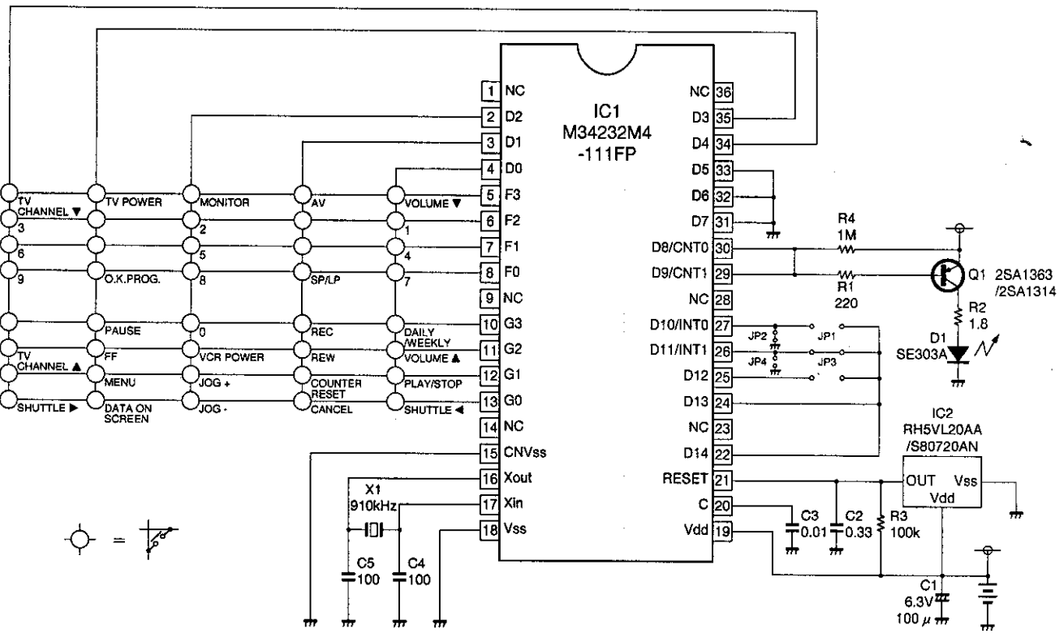


*** TRUE TABLE**

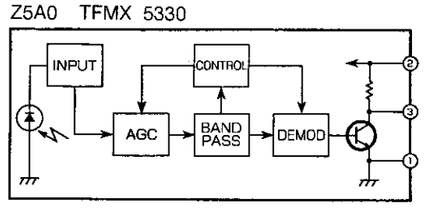
CLOCK	OUTPUT ENABLE	STROBE	DATA	PARALLEL OUTPUTS		SERIAL OUTPUTS	
				QI	QN	QS	Q'S
↑	0	×	×	3S	3S	Q7	NO CHG.
↓	0	×	×	3S	3S	NO CHG.	Q7
↑	1	0	×	NO CHG.	NO CHG.	Q7	NO CHG.
↑	1	1	0	0	QN-1	Q7	NO CHG.
↑	1	1	1	1	QN-1	Q7	NO CHG.
↓	1	1	1	NO CHG.	NO CHG.	NO CHG.	Q7

3S = Three-Stare
× = Don't Care
At the positive clock edge.
Information in the 7th shift register stage is transferred to Q8 and QS.

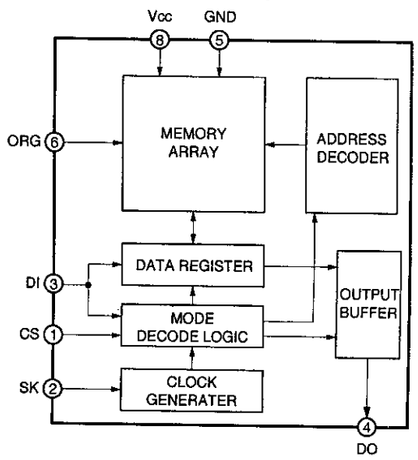
TRANSMITTER REMOTE CONTROLLER



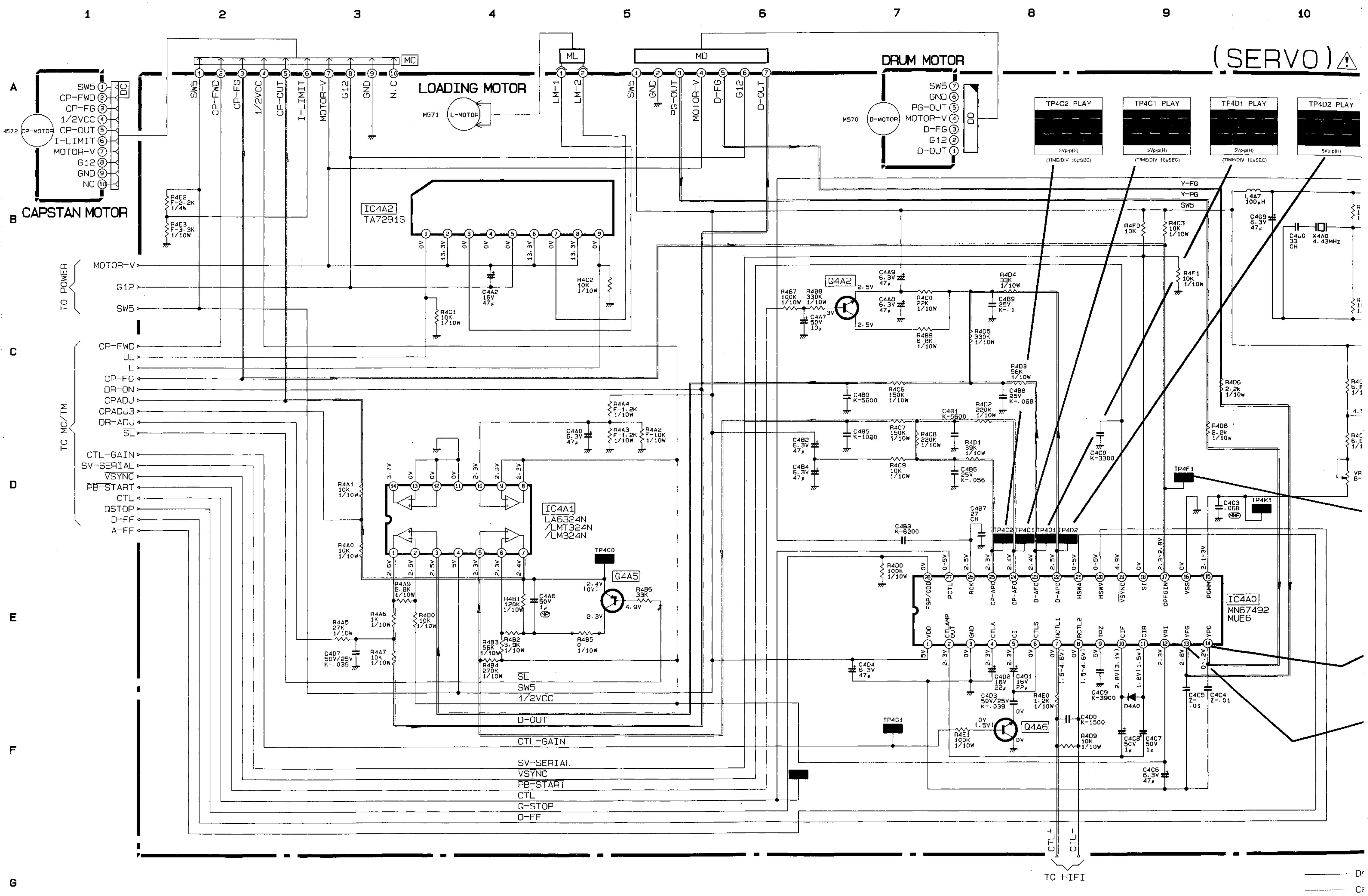
Z5A0 TFMX 5330



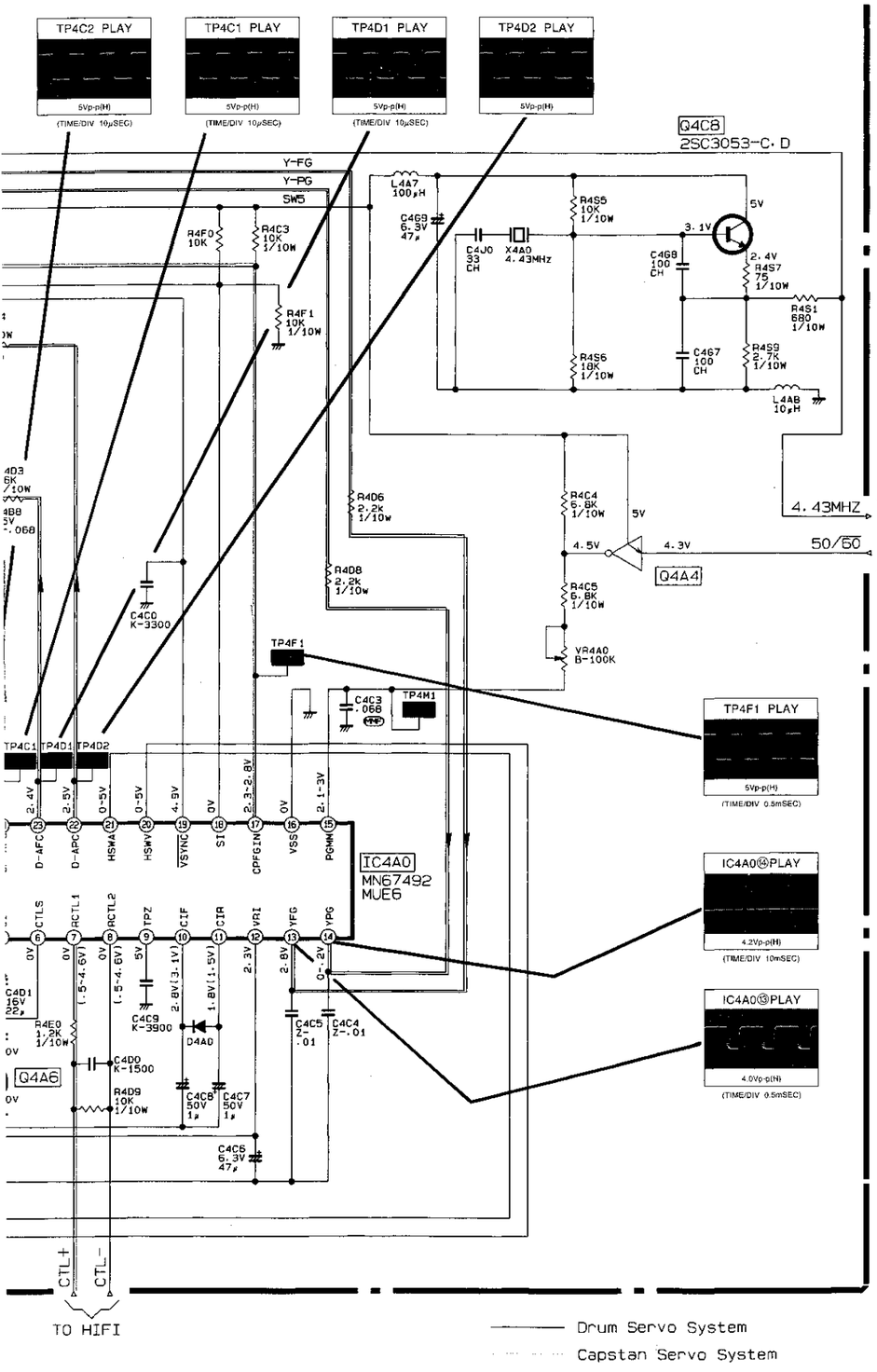
IC5A1 CAT35C104P/AT93C66–10PC
IC5A2 AT93C56–10PC



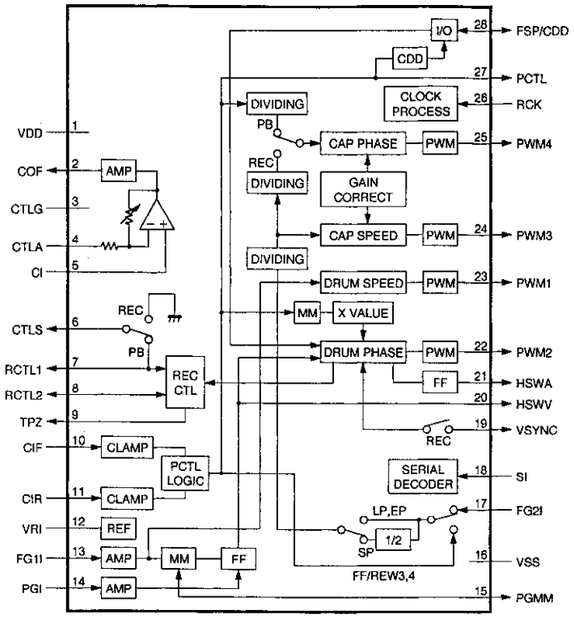
PCB-OPE [DM]


(SERVO)
1
2
3
4
5
6
7
8
9
10
A
B
C
D
E
F
G
CAPSTAN MOTOR
CP-MOTOR
SW5
CP-FWD
CP-FG
1/2VCC
CP-OUT
I-LIMIT
MOTOR-V
G12
GND
NC
DC
MC
N.C
LOADING MOTOR
M571
L-MOTOR
ML
LM-1
LM-2
MD
PG-OUT
D-FG
D-OUT
DRUM MOTOR
M570
D-MOTOR
DD
TP4C2 PLAY
TP4C1 PLAY
TP4D1 PLAY
TP4D2 PLAY
5Vp-p(H)
(TIME/DIV 10μSEC)
IC4A2
TA7291S
R4E2
F-2.2K
1/4W
R4E3
F-3.3K
1/10W
TO POWER
TO MC/TM
UL
L
DR-ON
CPADJ
CPADJ3
DR-ADJ
SL
CTL-GAIN
SV-SERIAL
VSYNC
PB-START
CTL
QSTOP
D-FF
A-FF
C4A2
16V
47μ
R4C1
10K
1/10W
R4C2
10K
1/10W
Q4A2
R4B7
100K
R4B8
330K
C4A7
50V
10μ
C4A9
6.3V
47μ
C4A8
R4C0
22K
R4B9
6.8K
R4D4
33K
C4B9
25V
K-.1
R4D5
330K
R4D3
56K
C4B8
K-.068
R4F0
10K
R4C3
R4F1
Y-FG
Y-PG
L4A7
100μH
C4G9
C4J0
33
CH
X4A0
4.43MHz
R4D6
2.2k
1/10w
R4D8
C4B0
K-5600
R4C6
150K
R4D2
220K
C4B1
R4A4
F-1.2K
R4A3
R4A2
F-10K
C4A0
C4B5
K-10Q0
R4C7
R4C8
220K
C4B2
C4B4
R4C9
R4D1
39K
C4B6
K-.056
C4C0
K-3300
TP4F1
C4C3
.068
TP4M1
IC4A1
LA6324N
/LMT324N
/LM324N
R4A1
R4A0
C4B7
27
CH
C4B3
K-8200
TP4C0
Q4A5
R4B6
33K
R4B1
120K
C4A6
50V
1μ
NP
R4A9
6.8K
R4A6
1K
R4B0
R4A5
27K
C4D7
50V/25V
K-.039
R4A7
R4B3
56K
R4B2
3.9K
R4B5
0
R4B4
270K
R4D0
100K
IC4A0
MN67492
MUE6
FSP/CDD
PCTL
RCK
CP-APC
CP-AFC
D-AFC
D-APC
HSWA
HSWV
SI
CPFGIN
VSS
PGMM
VDD
CTLAMP
OUT
CTLA
CI
CTLS
RCTL1
RCTL2
TPZ
CIF
CIR
VRI
YFG
YPG
C4D4
C4D2
22μ
C4D1
C4D3
R4E0
1.2K
C4C9
K-3900
D4A0
C4C5
Z-.01
C4C4
C4D0
K-1500
R4D9
C4C8
C4C7
TP4G1
R4E1
Q4A6
C4C6
CTL+
CTL-
TO HIFI

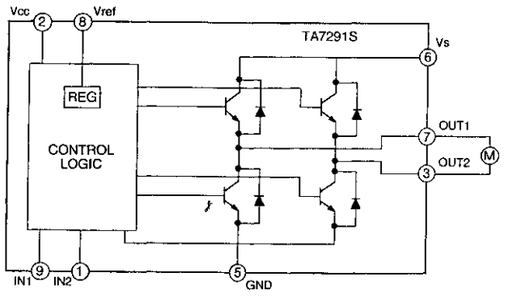
(SERVO)⚠PCB-MAIN



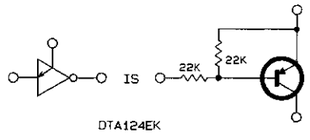
IC4A0 MN67492-MUE6

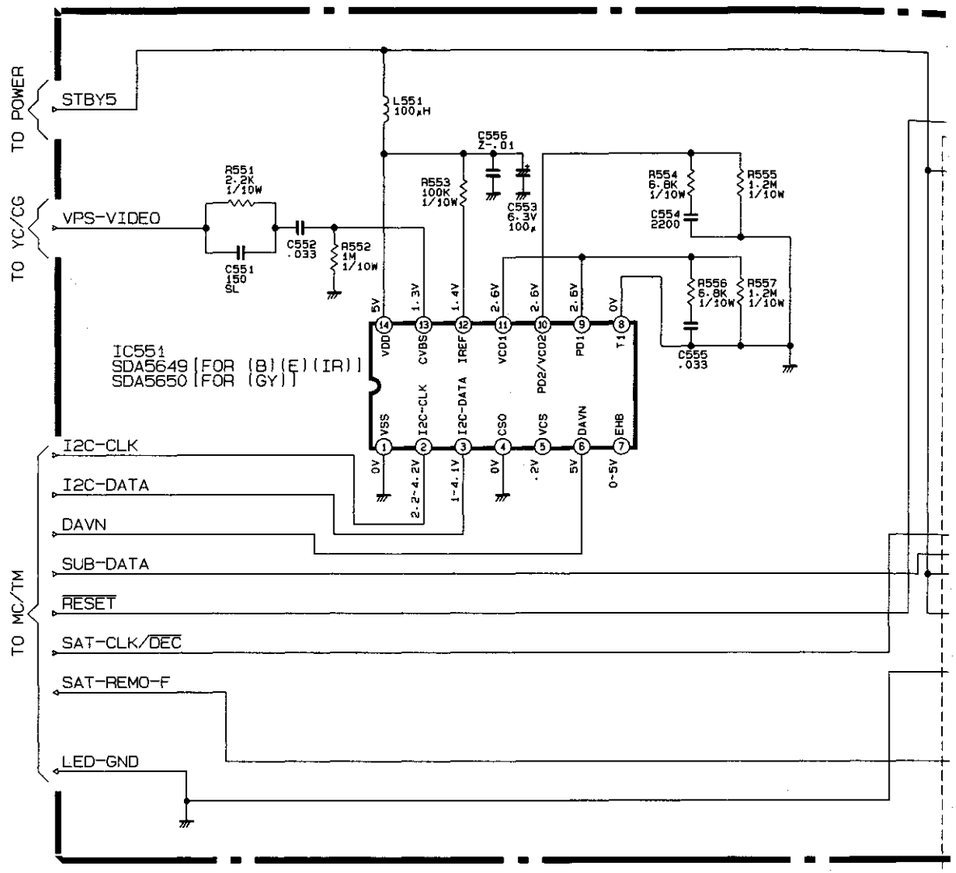


IC4A2 TA7291S

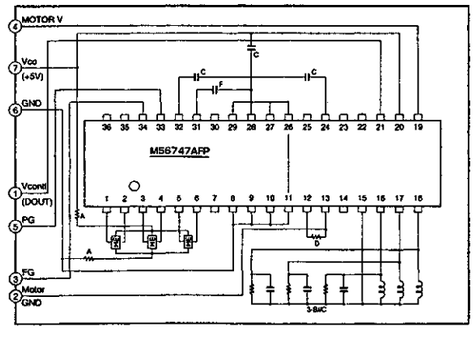


All diodes are 1SS252/1SS131 unless otherwise specified.
All NPN transistors are 2SC3052-E·F unless otherwise specified.
All PNP transistors are 2SA1235-E·F unless otherwise specified.

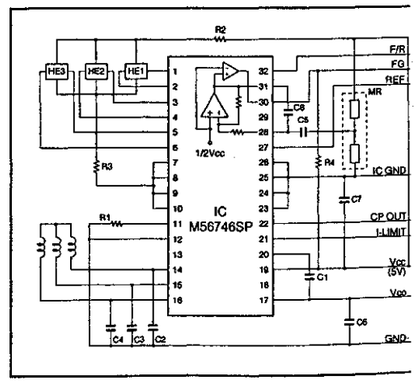




DRUM MOTOR

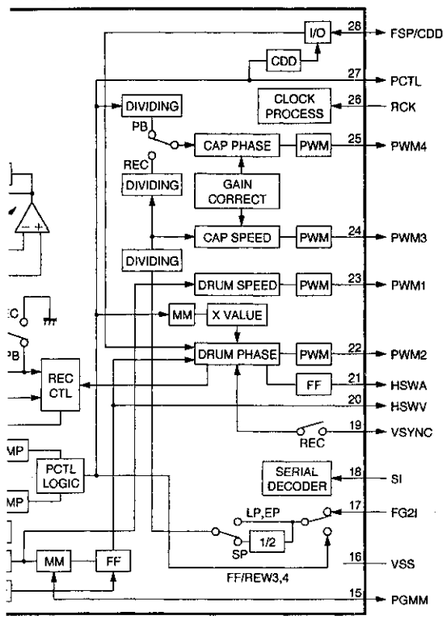


CAPSTAN MOTOR

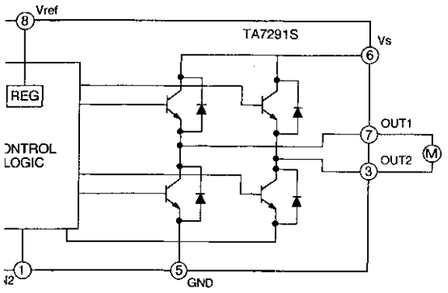


(VPS/SAT) ⚠PCB-MAIN

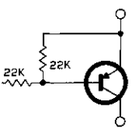
MN67492-MUE6



TA7291S



5252/1SS131 unless otherwise specified.
rs are 2SC3052-E.F unless otherwise specified.
rs are 2SA1235-E.F unless otherwise specified.

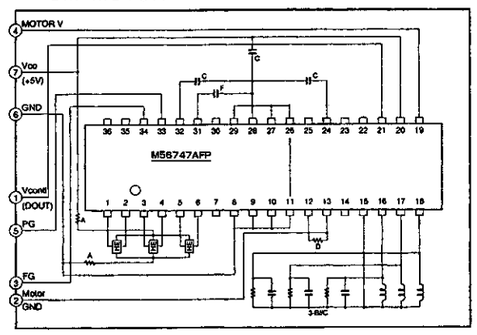


TO POWER
STBY5
TO YC/CG
VPS-VIDEO
TO MC/TM
I2C-CLK
I2C-DATA
DAVN
SUB-DATA
RESET
SAT-CLK/DEC
SAT-REMO-F
LED-GND

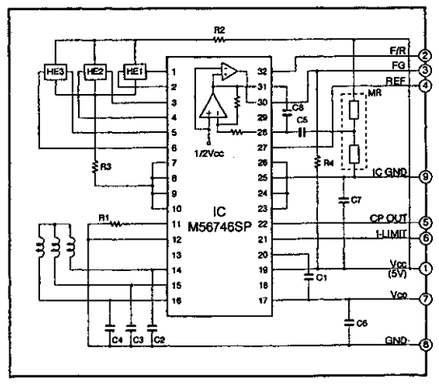
IC551
SDA5649(FOR (B)(E)(IR))
SDA5650(FOR (GY))

(B)(IR) only
SAT
IC571
M37470M4-526SP
Q571
2SA952-K
Q581
2SA952-K
X571
4.0MHZ
J581
SAT-CONT

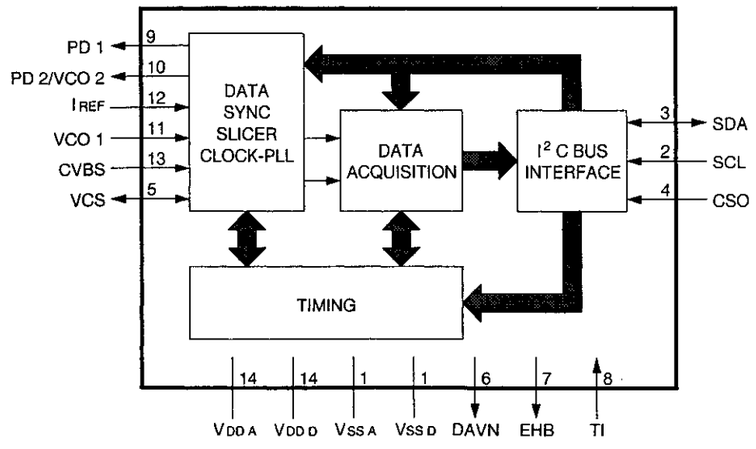
DRUM MOTOR



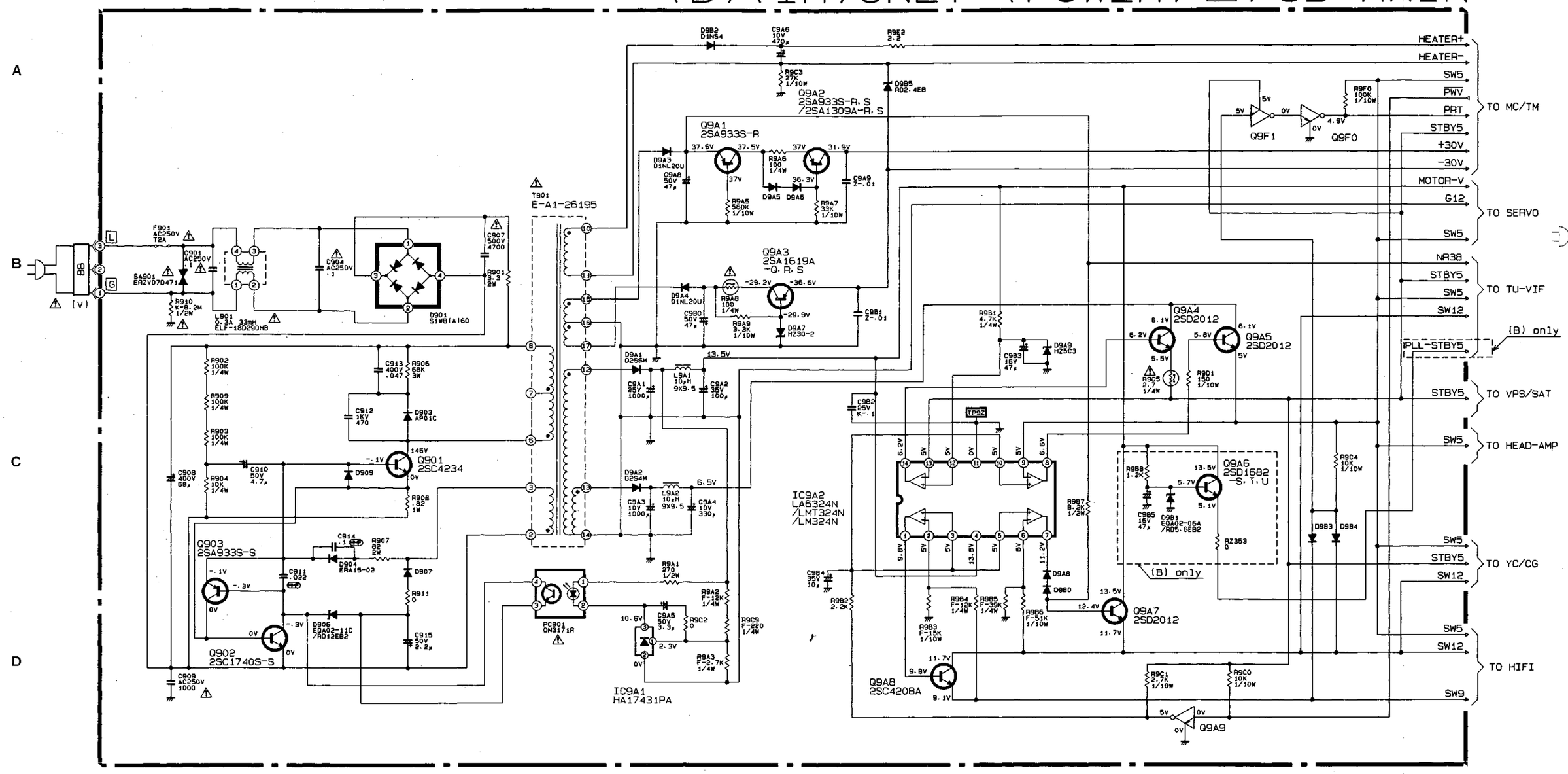
CAPSTAN MOTOR



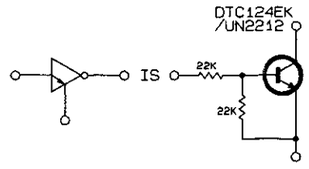
IC551 SDA5649/SDA5650



(B)(IR)ONLY (POWER) ⚠PCB-MAIN



ALL DIODE ARE 1SS252/1SS131 UNLESS OTHERWISE SPECIFIED.



7 8 9 10 11 12 13 14

R) ⚠PCB-MAIN

(E)(GY)ONLY (POWER)⚠

HEATER+
HEATER-
SW5
PWV
PRT
STBY5
+30V
-30V
MOTOR-V
G12
SW5
NR38
STBY5
SW5
SW12
PLL-STBY5
STBY5
SW5
SW5
STBY5
SW12
SW5
SW12
SW9

TO MC/TM
TO SERVO
TO TU-VIF
TO VPS/SAT
TO HEAD-AMP
TO YC/CG
TO HIFI
(B) only

Q9F1 Q9F0 Q9A4 2SD2012 Q9A5 2SD2012 Q9A6 2SD1682 -S,T,U Q9A9

D9B1 EQA02-06A /RD5.6EB2 D9B3 D9B4 R2353 0 R9F0 100K 1/10W R9C4 10K 1/10W R9C0 10K 1/10W R9C1 2.7K 1/10W

(B) only

L901 33mH .3A ELF-18D290HB
F901 AC250V T2A
SA901 ERZV07D471
C901 AC250V .1
C904 AC250V .1
D901 S1WBA60
R910 K-6.2M 1/2W
C907 500V 4700
R901 3.3 2W
C908 400V 120μ
R902 100K 3W
C909 AC250V 2200
R908 .68 2W
R916 100 1/4W
D904 ERA15-02
C914 35V 220μ
D905
D903 AP01C
C913 400V .022
C912 2KV 220
R912 47 1/4W
R915 3.3K 1/4W
R913 1.5K 1/4W
R914 1.5K 1/4W
C916 680
IC901 STR-S6706
GND SINK OCP INH
C B DRIVE F/B V IN
127V -.1V 2.1V .2V 7.6V
D908 ERA15-02
C915 35V 47μ
R907 39 2W
D906 ERA15-02
D907 ERA15-02
R911 1K 1/4W
PC901 DN3171R
R9E9 4.7K 1/10W
R9A1 1.2K 1/2W
C9A5 50V 1μ
R9C2 0
R9A2 F-11K 1/4W
R9A3 F-2.7K 1/4W
R9C9 F-820 1/4W
IC9A1 HA17431PA
PC902 DN3171R
R9EB 1.5K
Q9B7
T901 E-A1-26565

D9B2 D1NS4 C9A6 10V 470μ
C9C1 500V 1500
D9A3 D1NL20U
Q9A1 2SA933S-R
R9A5 100 1/4W
R9A5 560K 1/10W
Q9B2 2SC3052-E,F
R9E4 47K 1/10W
R9E3 47K 1/10W
R9A7 33K 1/10W
C9A9 Z-.01
D9A5 D9A6
Q9A2 2SA933S-R,S /2SA1309A-R,S
C9C2 500V 1500
C9B0 50V 47μ
R9E1 10K 1/10W
R9E7 47K 1/10W
R9A8 3.3K 1/10W
D9A7 HZ30-2
C9B1 Z-.01
D9A4 D1NL20U
Q9B3 2SC3052-E,F
Q9A3 2SA1619A-Q,R,S
D9A1 D2S6M
C9A1 25V 1000μ
L9A1 10μ 9X9.5
C9A2 35V 100μ
D9A2 D2S4M
L9A2 10μ 9X9.5
C9A3 10V 1000μ
C9A4 10V 330μ
R9E2 1
D9B5 RD2.4EB
R9C3 27K 1/10W
R9E5 5.6K 1/10W
Q9B0 2SC3052-E,F
Q9B1 DTA144EK
R9E6 5.6K 1/10W
Q9F4 DTA144EK
Q9F5 DTA144EK
Q9F6
Q9F7
C9B3 16V 47μ
D9A9 HZ5C3
C9B2 25V K-.1
TP9Z
R9B1 4.7K 1/4W
R9C5 2.7 1/4W
Q9A4 2SD2012
R9A1 150 1/10W
R9F1 5.6K 1/10W
Q9F3
R9F2 5.6K 1/10W
Q9F2 2SA1235-E,F
Q9A6 2SC4208A
R9B8 270
C9B5 16V 47μ
D9B1 EQA02-11C /RD12EB2
IC9A2 LA6324N /LMT324N /LM324N
R9B7 8.2K 1/2W
C9B4 35V 10μ
R9B2 2.2K
R9B4 F-12K 1/4W
R9B5 F-39K 1/4W
R9B6 F-51K 1/10W
R9B3 F-15K 1/10W
D9A8
D9B0
Q9A7 2SD2012
Q9A8 2SC4208A
R9C1 2.7K 1/10W
R9C0 10K 1/10W
Q9A9

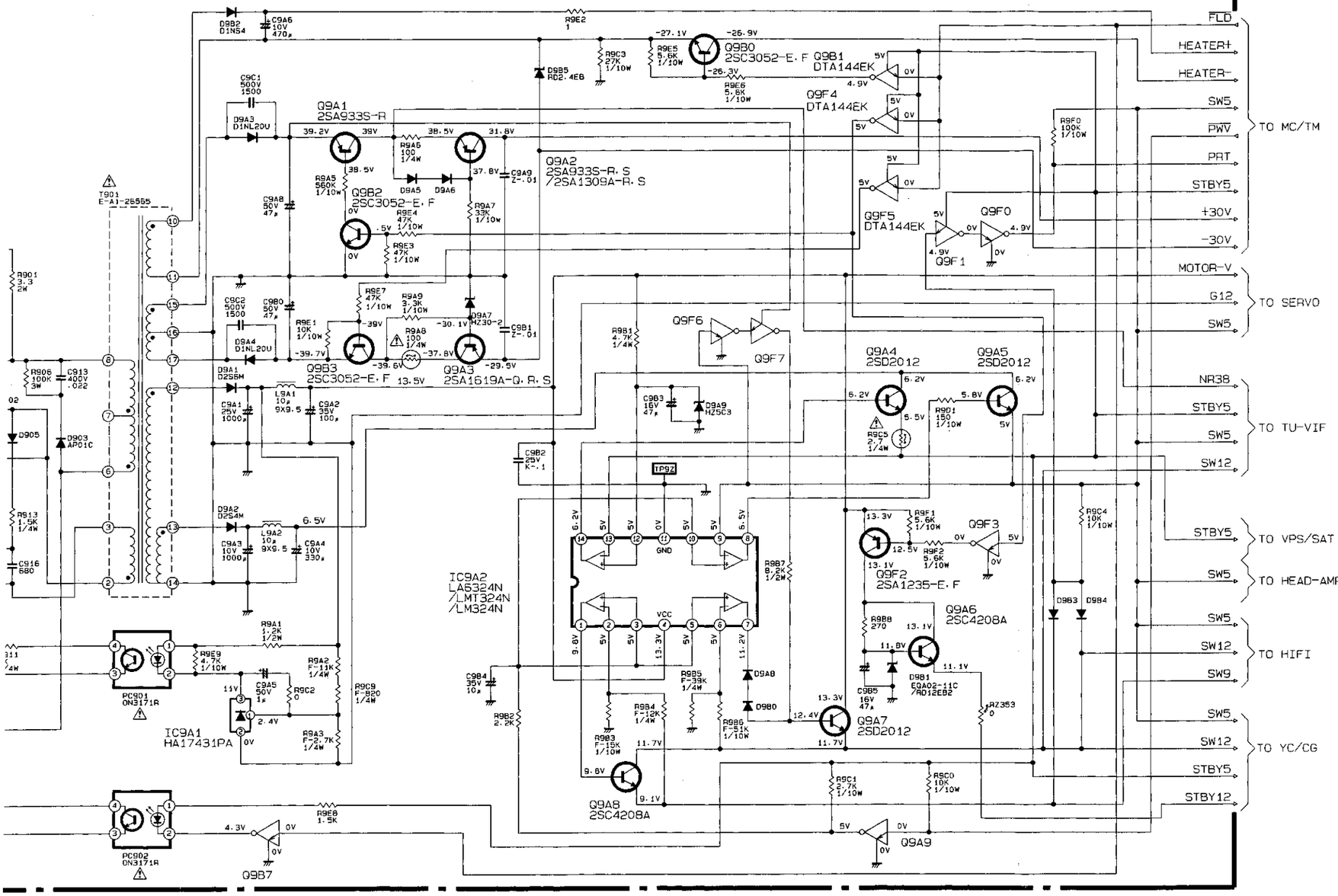
ALL DIODE ARE 1SS252/1SS131 UNLESS OTHERWISE SPECIFIED.

IS DTC124EK /UN2212 22K 22K

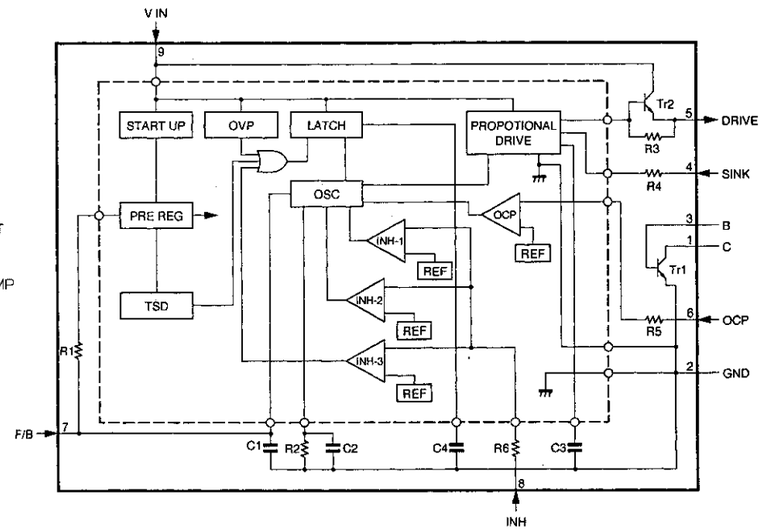
IS DTA124EK /UN2112 22K 22K

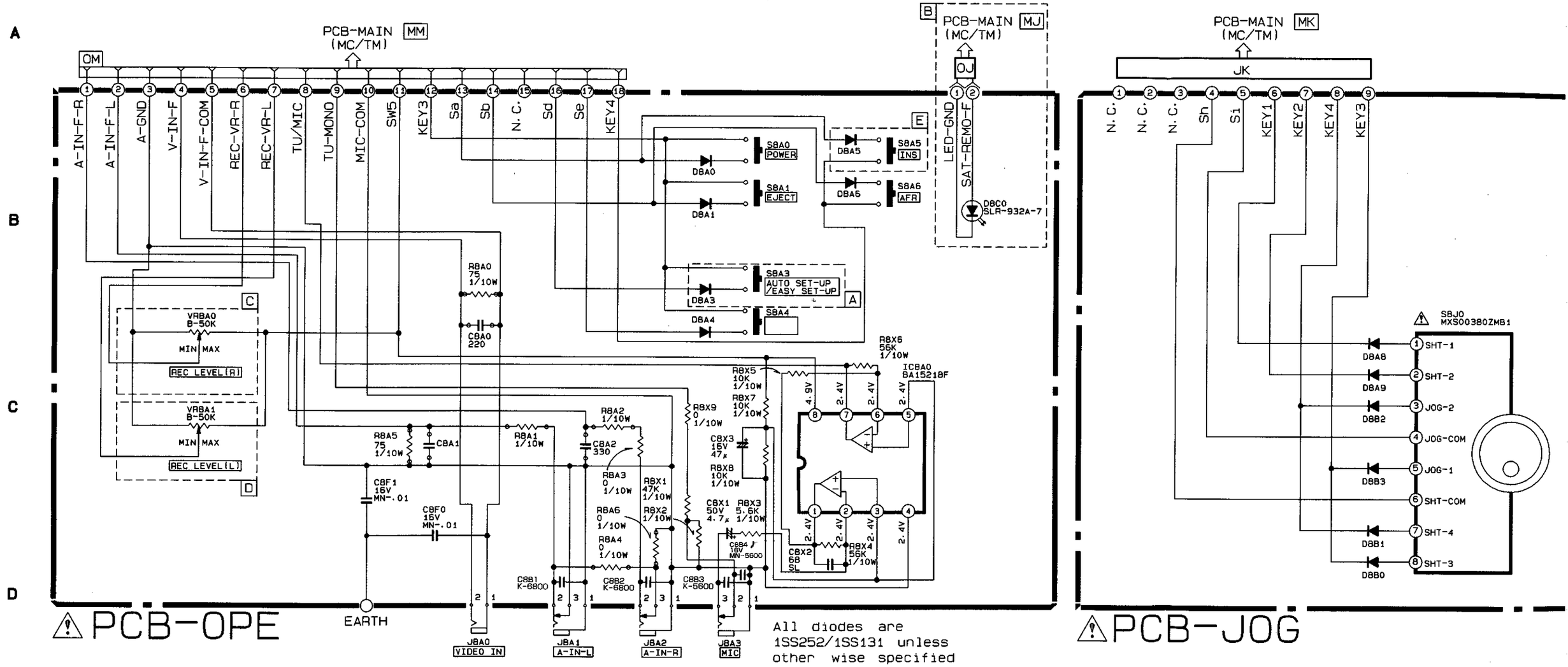
11 12 13 14 15 16 17 18

(E)(GY)ONLY (POWER)⚠PCB-MAIN



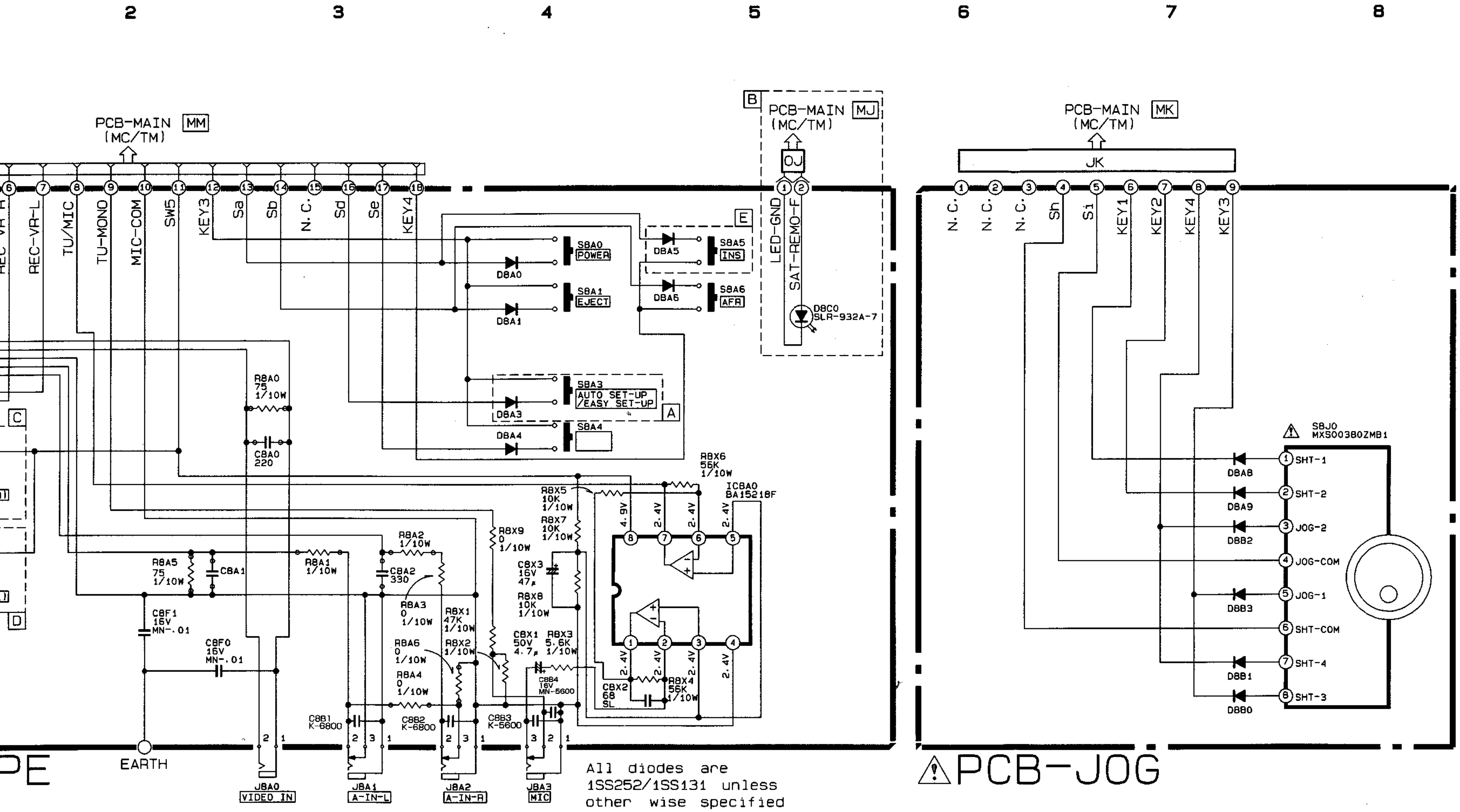
IC901 STR-S6706





○:Employed ×:Not employed

SYMBOL	C8A0 C-3	C8A1 C-2	R8A1 C-3	A B-4	B A-5	S8A4 B-4	C B-1	D C-1	R8A2 C-3	C8A2 C-3	R8X2 D-4	E A-5	R8A4 D-3	R8A0 B-3	R8A5 C-2	R8A6 D-3
HS-761V(B)	○	330	1K	○	○	COUNTER-RESET	○	○	1K	○	270	○	○	○	×	×
HS-761V(GY)	○	330	1K	○	×	POWER-SAVE	○	○	1K	○	330	○	○	○	×	×
HS-761V(E)	○	330	1K	○	×	POWER-SAVE	×	×	1K	○	270	○	○	○	×	×
HS-761V(IR)	○	330	1K	○	○	COUNTER-RESET	×	×	1K	○	270	○	○	○	×	×



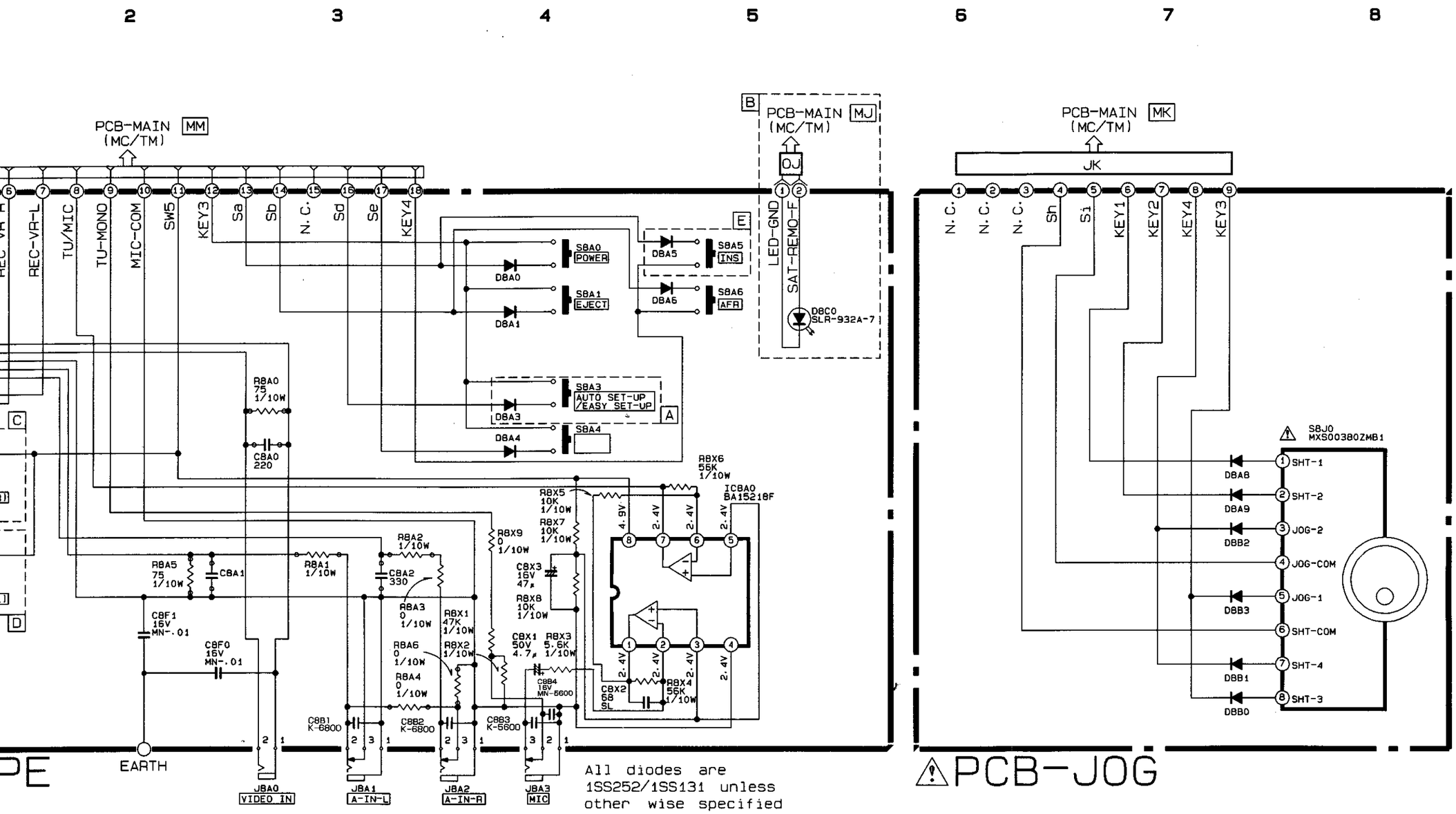
DE

All diodes are
1SS252/1SS131 unless
other wise specified

⚠PCB-JOG

t employed

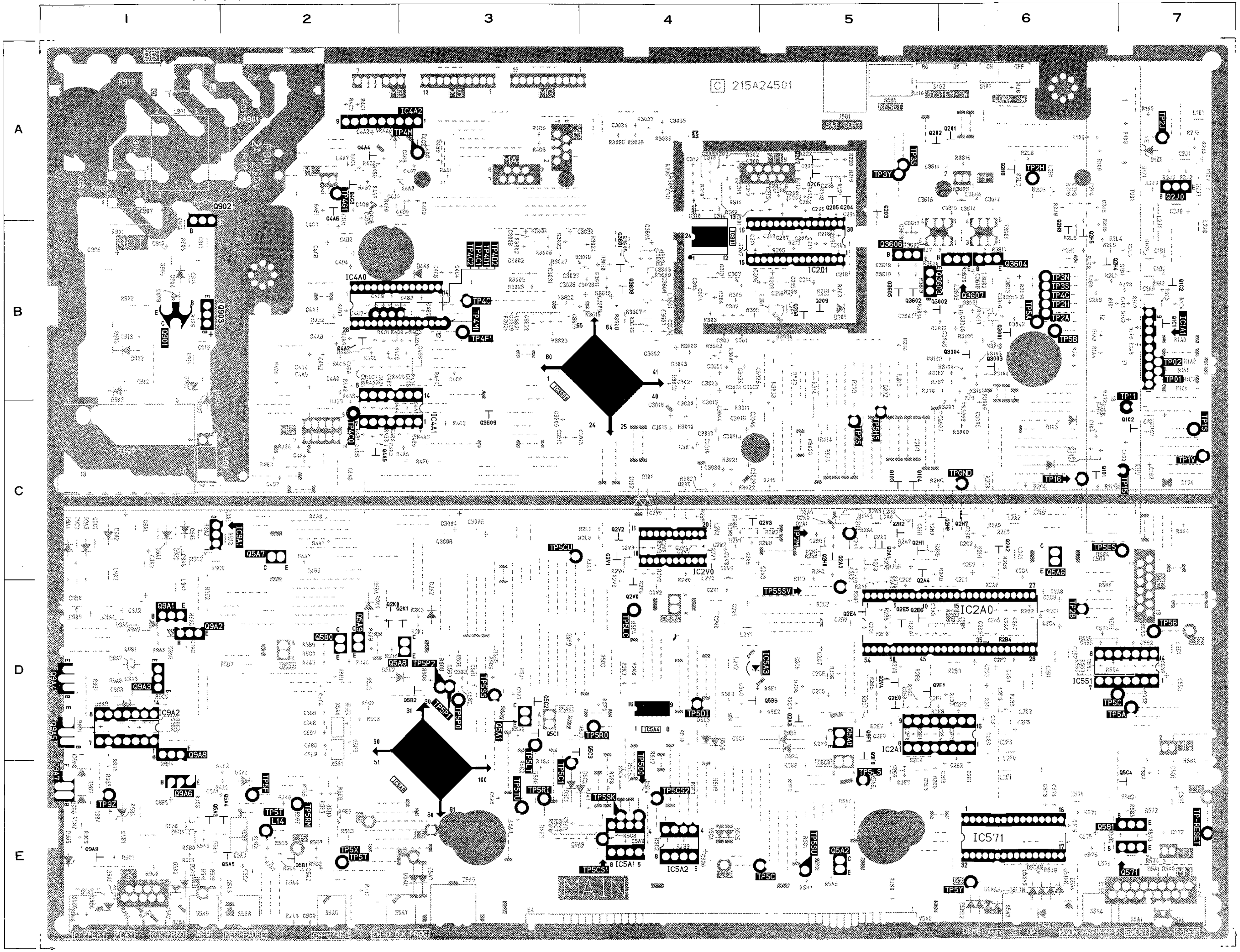
A	B	S8A4	C	D	R8A2	C8A2	R8X2	E	R8A4	R8A0	R8A5	R8A6
3-4	A-5	B-4	B-1	C-1	C-3	C-3	D-4	A-5	D-3	B-3	C-2	D-3
O	O	COUNTER-RESET	O	O	1K	O	270	O	O	O	X	X
O	X	POWER-SAVE	O	O	1K	O	330	O	O	O	X	X
O	X	POWER-SAVE	X	X	1K	O	270	O	O	O	X	X
O	O	COUNTER-RESET	X	X	1K	O	270	O	O	O	X	X



t employed

A	B	S8A4	C	D	R8A2	C8A2	R8X2	E	R8A4	R8A0	R8A5	R8A6
B-4	A-5	B-4	B-1	C-1	C-3	C-3	D-4	A-5	D-3	B-3	C-2	D-3
○	○	COUNTER-RESET	○	○	1K	○	270	○	○	○	×	×
○	×	POWER-SAVE	○	○	1K	○	330	○	○	○	×	×
○	×	POWER-SAVE	×	×	1K	○	270	○	○	○	×	×
○	○	COUNTER-RESET	×	×	1K	○	270	○	○	○	×	×

PCB-MAIN (HS-761V(B)/V(IR))



⑩

PCB-MAIN (HS-761V(B)/V(IR))

SYMBOL NO.	ADDRESS	SYMBOL NO.	ADDRES
BB	A-1	C2D2	D-6
		C2D3	D-6
C101	B-7	C2D4	D-6
C102	C-7	C2D5	C-6
C103	C-7	C2E0	E-6
C104	C-6	C2E1	E-6
C1A0	B-7	C2E2	E-6
C1B1	B-7	C2E3	E-6
C1B2	B-7	C2E4	D-6
C1C1	C-7	C2E5	E-5
C201	B-5	C2E6	E-5
C202	A-5	C2E7	E-5
C203	B-5	C2E8	D-5
C204	B-5	C2E9	D-5
C205	B-5	C2F0	D-5
C206	A-5	C2F1	D-5
C207	B-5	C2F2	D-6
C208	B-5	C2F3	D-6
C209	A-5	C2F4	D-6
C210	B-5	C2F5	D-6
C211	B-5	C2F7	D-6
C212	A-5	C2F8	D-6
C213	A-5	C2F9	D-6
C214	B-5	C2G0	D-6
C215	B-5	C2H0	C-5
C216	B-5	C2H1	C-5
C217	B-5	C2H2	B-6
C218	B-5	C2H3	A-6
C219	B-5	C2H4	A-6
C226	A-5	C2H5	A-6
C227	A-5	C2J0	A-7
C2A0	D-5	C2J1	A-7
C2A1	C-5	C2V0	D-4
C2A2	C-5	C2V1	D-4
C2A3	D-6	C2V2	D-4
C2A5	D-6	C2V3	C-4
C2A6	D-6	C2V4	C-4
C2A7	D-6	C2V5	C-4
C2A8	D-6	C2V6	C-4
C2A9	B-6	C2V7	C-4
C2B0	C-6	C2V8	C-4
C2B1	D-6	C2V9	C-4
C2B2	D-6	C2W0	D-4
C2B3	D-6	C2W1	D-4
C2B4	D-6	C2W2	C-4
C2B5	D-6	C2W3	C-5
C2B7	C-6	C3002	B-3
C2B8	C-5	C3003	B-3
C2B9	C-5	C3004	C-3
C2C0	D-5	C3005	C-6
C2C1	D-6	C3006	C-3
C2C2	C-6	C3007	C-6
C2C3	D-6	C3008	C-3
C2C4	D-6	C3009	C-3
C2C5	D-5	C301	B-4
C2C6	D-5	C3010	C-4
C2C7	D-5	C3011	C-4
C2C8	D-5	C3012	C-3
C2D0	D-5	C3013	C-4
C2D1	D-5	C3014	C-4

SYMBOL NO.	ADDRESS
C3620	B- 3
C3621	B- 3
C3622	B- 3
C4A0	B- 2
C4A1	C- 3
C4A2	A- 2
C4A4	C- 2
C4A6	C- 2
C4A7	B- 2
C4A8	B- 2
C4A9	B- 2
C4B0	B- 3
C4B1	B- 2
C4B2	B- 2
C4B3	B- 3
C4B4	B- 2
C4B5	B- 2
C4B6	B- 2
C4B7	B- 3
C4B8	B- 3
C4B9	B- 3
C4C0	B- 3
C4C2	B- 3
C4C3	A- 3
C4C4	B- 3
C4C5	B- 3
C4C6	A- 2
C4C7	B- 2
C4C8	B- 2
C4C9	B- 3
C4D0	A- 3
C4D1	B- 2
C4D2	B- 2
C4D3	B- 2
C4D4	B- 2
C4D7	C- 2
C4G7	A- 3
C4G8	A- 3
C4G9	A- 2
C4J0	A- 3
C551	D- 6
C552	D- 7
C553	D- 7
C554	D- 6
C555	D- 6
C556	D- 7
C571	E- 7
C572	E- 7
C573	E- 6
C574	E- 6
C575	E- 6
C576	E- 6
C581	E- 7
C582	E- 7
C5A0	E- 2
C5A1	E- 2
C5A2	E- 2
C5A3	E- 3
C5A4	E- 2
C5A5	E- 3

SYMBOL NO.	ADDRESS
C5A6	E- 4
C5A7	D- 3
C5A8	E- 4
C5A9	E- 4
C5B0	E- 4
C5B1	D- 3
C5B2	D- 3
C5B3	D- 3
C5B5	D- 2
C5B6	D- 2
C5B7	D- 2
C5B8	D- 2
C5B9	E- 2
C5C0	D- 4
C5C1	D- 4
C5C2	E- 2
C5C3	E- 2
C5C4	D- 2
C5D0	C- 7
C901	A- 2
C904	A- 1
C907	A- 1
C908	B- 1
C909	A- 1
C910	B- 1
C911	B- 1
C912	B- 1
C913	B- 1
C914	B- 1
C915	B- 1
C9A1	C- 1
C9A2	D- 1
C9A3	C- 1
C9A4	D- 1
C9A5	C- 1
C9A6	C- 1
C9A8	D- 1
C9A9	D- 1
C9B0	C- 1
C9B1	D- 1
C9B2	D- 1
C9B3	D- 1
C9B4	E- 1
C9B5	E- 1
C9C1	C- 1
C9C2	C- 1
D101	C- 4
D102	C- 4
D103	C- 6
D104	C- 7
D105	C- 6
D1Z1	A- 7
D201	B- 5
D2A0	C- 5
D2A1	C- 5
D2A2	D- 3
D2V0	C- 4
D3001	B- 6
D4A0	B- 3

SYMBOL NO.	ADDRESS
D4A1	E- 2
D5A0	E- 7
D5A1	E- 7
D5A2	E- 1
D5A3	E- 6
D5A4	E- 6
D5A5	E- 1
D5A6	E- 2
D5A7	E- 3
D5A8	E- 3
D5A9	D- 3
D5B0	E- 1
D5B4	D- 4
D5B5	D- 2
D5C0	E- 5
D5C1	E- 3
D5C2	E- 4
D5C3	D- 4
D5C4	E- 4
D5C5	E- 4
D5C6	E- 4
D5C9	E- 1
D5CAN	E- 6
D5D0	E- 1
D5D4	D- 2
D5E2	D- 3
D5IRN	E- 6
D5JG	E- 6
D5LIN	E- 6
D5ME1	E- 6
D5ME2	E- 6
D5RAB	E- 6
D5SAS	E- 6
D901	A- 1
D902	B- 1
D903	B- 1
D904	B- 1
D906	B- 1
D907	C- 1
D909	B- 1
D9A1	C- 1
D9A2	C- 1
D9A3	C- 1
D9A4	C- 1
D9A5	D- 1
D9A6	D- 1
D9A7	D- 1
D9A8	E- 1
D9A9	D- 1
D9B0	E- 1
D9B1	E- 1
D9B2	C- 1
D9B3	D- 5
D9B4	D- 5
D9B5	E- 1
F901	A- 2
FC11	A- 2
FC12	A- 2

SYMBOL NO.	ADDRESS
IC1A1	B- 7
IC201	B- 5
IC2A0	D- 5
IC2A1	D- 6
IC2V0	C- 4
IC3001	B- 4
IC301	B- 4
IC4A0	B- 2
IC4A1	C- 3
IC4A2	A- 3
IC551	D- 7
IC571	E- 6
IC5A0	E- 3
IC5A1	E- 4
IC5A2	E- 4
IC5A3	D- 5
IC5A4	D- 4
IC9A1	C- 2
IC9A2	D- 1
J581	A- 5
L101	A- 7
L11	E- 7
L12	D- 7
L13	E- 4
L14	E- 2
L15	E- 2
L201	B- 5
L2A0	C- 5
L2A1	C- 6
L2A2	C- 6
L2E0	E- 6
L2E1	E- 6
L2E2	D- 6
L2H0	C- 5
L2H1	A- 6
L2J0	B- 7
L2J1	A- 7
L2V0	D- 4
L2V1	D- 5
L2V2	D- 4
L2V3	C- 4
L301	B- 5
L3601	B- 4
L3602	B- 6
L3603	B- 6
L3604	A- 6
L4A7	A- 2
L4A8	A- 3
L5	E- 2
L551	D- 7
L571	E- 6
L6	E- 3
L7	E- 6
L8	E- 1
L9	E- 3
L901	A- 1
L9A1	D- 1
L9A2	D- 1

SYMBOL NO.	ADDRESS
MA	A- 3
MB	A- 3
MC	C- 2
MD	A- 3
ME	C- 7
MF	A- 6
MG	A- 4
MH	A- 4
MJ	E- 7
MK	E- 1
ML	A- 2
MM	E- 7
MN	D- 7
MS	A- 3
PC901	C- 1
Q101	C- 6
Q102	C- 7
Q103	C- 5
Q104	C- 5
Q1C1	B- 7
Q1C2	B- 7
Q201	A- 6
Q202	A- 6
Q203	B- 5
Q204	A- 5
Q205	A- 5
Q206	A- 5
Q207	A- 5
Q208	B- 5
Q209	B- 5
Q2A0	C- 5
Q2A1	C- 5
Q2A2	C- 6
Q2A3	D- 5
Q2A4	D- 5
Q2E0	D- 5
Q2E1	D- 6
Q2E4	D- 5
Q2E5	D- 5
Q2E6	D- 5
Q2H0	C- 5
Q2H1	C- 5
Q2H2	C- 5
Q2H3	B- 6
Q2H4	B- 6
Q2H5	B- 6
Q2H6	C- 6
Q2H7	C- 6
Q2H8	A- 6
Q2J0	A- 7
Q2K0	D- 2
Q2K1	D- 3
Q2V0	D- 4
Q2V1	C- 4
Q2V2	C- 4
Q2V3	C- 5
Q2V4	D- 5
Q3001	B- 6

SYMBOL NO.	ADDRESS
Q3002	B- 6
Q3003	B- 6
Q3004	B- 6
Q3601	B- 4
Q3602	B- 5
Q3603	B- 5
Q3604	B- 6
Q3605	B- 5
Q3606	B- 5
Q3607	B- 6
Q3608	B- 4
Q3609	C- 3
Q4A2	B- 2
Q4A4	A- 2
Q4A5	C- 2
Q4A6	A- 2
Q4C8	A- 2
Q571	E- 7
Q581	E- 7
Q5A0	D- 5
Q5A1	D- 3
Q5A2	E- 5
Q5A3	E- 1
Q5A4	E- 2
Q5A5	E- 2
Q5A6	C- 6
Q5A7	C- 2
Q5A8	D- 3
Q5A9	D- 2
Q5B0	D- 2
Q5B1	E- 2
Q5B2	D- 3
Q5B6	D- 5
Q5C1	D- 3
Q5C2	D- 3
Q5C3	E- 4
Q5C4	E- 7
Q901	B- 1
Q902	B- 1
Q903	B- 1
Q9A1	D- 1
Q9A2	D- 1
Q9A3	D- 1
Q9A4	D- 1
Q9A5	D- 1
Q9A6	E- 1
Q9A7	E- 1
Q9A8	E- 1
Q9A9	E- 1
Q9F0	E- 5
Q9F1	D- 5
R101	B- 7
R102	B- 7
R103	A- 7
R105	A- 7
R106	A- 6
R107	A- 7
R108	A- 6
R109	C- 6

SYMBOL NO.	ADDRESS
R111	C- 6
R112	C- 7
R113	D- 5
R114	C- 5
R1A0	B- 7
R1A1	B- 7
R1A2	B- 7
R1A3	B- 6
R1A4	B- 6
R1A5	B- 7
R1A6	B- 7
R1B1	B- 7
R1B2	B- 7
R1C1	B- 7
R1C2	B- 7
R1C3	B- 7
R1C4	B- 7
R1C5	B- 7
R1C6	B- 7
R1C7	C- 7
R1C8	C- 6
R1Z1	A- 7
R201	B- 5
R202	B- 5
R203	B- 5
R205	B- 5
R206	B- 5
R207	B- 5
R208	B- 5
R209	B- 5
R210	B- 5
R216	B- 5
R217	B- 5
R218	A- 5
R219	A- 5
R220	A- 5
R221	A- 5
R222	A- 5
R223	C- 5
R2A0	D- 5
R2A1	D- 5
R2A2	D- 5
R2A3	C- 5
R2A4	C- 5
R2A5	C- 5
R2A6	C- 5
R2A7	C- 5
R2A8	D- 6
R2A9	C- 6
R2B0	C- 6
R2B1	C- 6
R2B2	D- 6
R2B3	E- 5
R2B4	D- 6
R2B5	D- 5
R2B6	D- 5
R2B7	D- 5
R2B8	D- 5
R2B9	D- 6
R2C0	C- 6

SYMBOL NO.	ADDRESS
R2C1	D- 6
R2C2	D- 5
R2C3	D- 5
R2C4	C- 6
R2E0	E- 6
R2E1	D- 5
R2E3	C- 6
R2E4	E- 5
R2E5	D- 5
R2E6	D- 6
R2E7	D- 5
R2E8	D- 5
R2F1	D- 6
R2F6	D- 5
R2F7	D- 6
R2F8	D- 5
R2H0	C- 5
R2H1	C- 5
R2H2	D- 5
R2H3	C- 5
R2H4	B- 5
R2H5	C- 6
R2H6	C- 6
R2H7	D- 5
R2H8	B- 6
R2H9	A- 6
R2J0	A- 7
R2J1	A- 7
R2J2	A- 7
R2J3	A- 7
R2J4	A- 7
R2J5	A- 7
R2J8	A- 6
R2J9	A- 6
R2K0	D- 2
R2K1	D- 3
R2K3	D- 3
R2K6	D- 4
R2K7	D- 4
R2L0	C- 4
R2L1	C- 4
R2L2	B- 7
R2L3	B- 7
R2L4	B- 6
R2L5	B- 7
R2L6	B- 6
R2L7	A- 6
R2L8	A- 6
R2M0	C- 6
R2V0	D- 4
R2V2	D- 4
R2V3	D- 4
R2V4	D- 4
R2V5	C- 4
R2V6	C- 4
R2V7	C- 4
R2V8	D- 5
R2V9	D- 5
R2W0	C- 5
R2W1	C- 4

SYMBOL NO.	ADDRESS
R2W2	C- 5
R2W3	C- 4
R2W4	C- 4
R2W5	C- 4
R3002	B- 3
R3003	B- 3
R3004	B- 3
R3005	B- 3
R3006	C- 6
R3007	C- 6
R3008	C- 6
R3009	C- 6
R3010	C- 4
R3011	C- 4
R3012	B- 6
R3013	B- 6
R3014	B- 5
R3015	B- 6
R3016	B- 6
R3017	B- 6
R3018	B- 6
R3019	B- 4
R302	A- 4
R3020	C- 5
R3021	C- 4
R3022	C- 4
R3023	C- 4
R3024	B- 4
R3025	B- 3
R3026	B- 3
R3027	B- 3
R303	B- 4
R3031	C- 4
R3032	B- 4
R3033	C- 5
R3034	B- 5
R3035	A- 4
R3036	A- 4
R3037	A- 4
R3038	A- 4
R304	B- 4
R305	B- 5
R306	B- 4
R307	A- 4
R308	A- 4
R309	A- 4
R310	A- 4
R3100	B- 6
R3101	B- 6
R3102	B- 6
R3103	B- 6
R3104	B- 6
R3105	B- 6
R3106	B- 6
R311	A- 4
R312	A- 4
R313	B- 4
R314	B- 5
R3601	B- 4
R3602	B- 4

SYMBOL NO.	ADDRESS
R3603	B- 4
R3604	B- 4
R3605	B- 4
R3606	B- 4
R3607	B- 4
R3608	B- 4
R3609	B- 4
R3610	B- 4
R3611	B- 4
R3612	B- 4
R3613	B- 5
R3614	B- 5
R3615	B- 4
R3616	A- 6
R3617	B- 6
R3618	B- 5
R3619	B- 5
R3620	B- 6
R3621	B- 3
R3622	B- 3
R3623	B- 3
R3699	A- 6
R4A0	C- 2
R4A1	C- 2
R4A2	B- 2
R4A3	C- 2
R4A4	C- 2
R4A5	E- 2
R4A6	C- 3
R4A7	C- 2
R4A8	C- 2
R4B3	C- 2
R4B4	C- 3
R4B5	C- 2
R4B6	C- 2
R4B7	B- 2
R4B8	B- 2
R4B9	B- 2
R4C0	B- 2
R4C1	A- 2
R4C2	A- 2
R4C3	C- 3
R4C4	A- 2
R4C5	A- 2
R4C6	B- 3
R4C7	B- 2
R4C8	B- 2
R4C9	B- 2
R4D0	B- 2
R4D1	B- 2
R4D2	B- 3
R4D3	B- 3
R4D4	B- 3
R4D5	B- 3
R4D6	A- 3
R4D8	A- 3

SYMBOL NO.	ADDRESS
R4D9	A- 3
R4E0	A- 3
R4E1	B- 2
R4E2	C- 2
R4E3	C- 2
R4F0	C- 3
R4F1	B- 3
R4F2	E- 2
R4S1	A- 3
R4S5	A- 2
R4S6	A- 2
R4S7	A- 2
R4S9	A- 3
R551	D- 7
R552	D- 7
R553	D- 7
R554	D- 7
R555	D- 7
R556	D- 7
R557	D- 7
R571	E- 6
R572	E- 7
R573	E- 7
R574	E- 7
R575	E- 6
R582	E- 7
R583	E- 7
R584	E- 7
R585	E- 7
R5A0	E- 3
R5A1	E- 5
R5A2	D- 3
R5A3	E- 5
R5A5	E- 5
R5A8	E- 1
R5A9	E- 1
R5B0	E- 1
R5B1	E- 2
R5B2	E- 2
R5B3	E- 2
R5B4	D- 4
R5B5	D- 6
R5B6	D- 2
R5B7	D- 2
R5B8	D- 3
R5B9	D- 2
R5C0	D- 2
R5C1	E- 1
R5C2	E- 4
R5C3	E- 4
R5C4	E- 4
R5C5	E- 4
R5C6	E- 4
R5C7	E- 4
R5D3	D- 4
R5D4	E- 2
R5D5	E- 2
R5D6	E- 2
R5D7	E- 2
R5D8	D- 3

SYMBOL NO.	ADDRESS
R5D9	D- 3
R5E0	D- 4
R5E1	D- 5
R5E2	D- 5
R5E3	D- 2
R5E4	D- 2
R5E5	D- 2
R5E6	E- 2
R5E7	E- 2
R5E8	E- 2
R5E9	E- 2
R5F0	D- 4
R5F4	E- 4
R5F7	E- 4
R5F8	E- 4
R5F9	D- 4
R5G0	D- 2
R5G1	E- 5
R5G2	E- 3
R5G3	E- 3
R5G4	C- 7
R5G5	D- 3
R5G6	D- 3
R5G7	D- 3
R5G8	D- 3
R5G9	E- 2
R5H0	E- 2
R5H1	D- 2
R5H3	E- 2
R5H4	E- 1
R5H5	E- 1
R5H6	E- 1
R5H7	E- 5
R5H8	E- 4
R5H9	E- 4
R5J1	D- 3
R5J2	E- 4
R5J3	B- 5
R5J4	C- 5
R5J5	D- 2
R5J7	D- 4
R5J8	D- 4
R5K0	C- 7
R901	B- 1
R902	B- 1
R903	B- 1
R904	B- 1
R906	B- 1
R907	C- 1
R908	B- 1
R909	B- 1
R910	A- 1
R911	B- 1
R9A1	C- 2
R9A2	C- 1
R9A3	C- 2
R9A5	D- 1
R9A6	D- 1
R9A7	D- 1
R9A8	D- 1

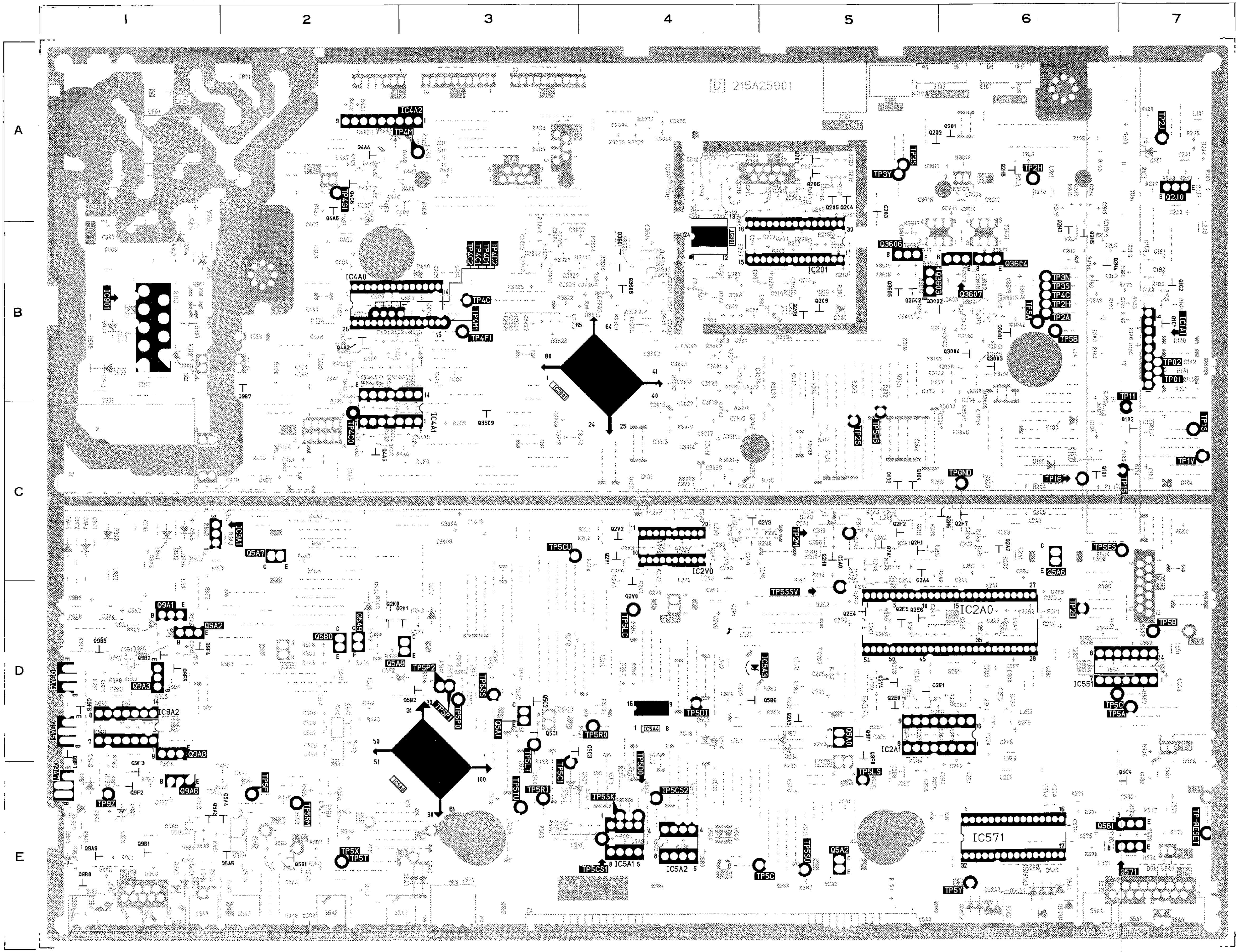
SYMBOL NO.	ADDRESS
R9A9	D- 1
R9B1	D- 1
R9B2	E- 1
R9B3	D- 1
R9B4	E- 1
R9B5	E- 1
R9B6	E- 1
R9B7	E- 1
R9B8	E- 1
R9C0	E- 1
R9C1	E- 1
R9C2	C- 2
R9C3	E- 1
R9C4	D- 5
R9C5	D- 1
R9C9	C- 2
R9D1	D- 1
R9E2	D- 1
R9F0	E- 5
RJ10	A- 5
RJ12	A- 5
RJ13	A- 5
RJ14	C- 5
RJ15	C- 5
RJ22	B- 2
RJ23	C- 2
RJ24	C- 2
RJ26	B- 1
RJ32	D- 6
RJ33	D- 6
RJ34	D- 5
RJ35	C- 5
RJ36	D- 5
RJ37	B- 6
RJ38	D- 5
RJ39	E- 4
RJ4	B- 6
RJ40	C- 4
RJ41	E- 4
RJ44	D- 2
RJ45	D- 2
RJ46	E- 2
RJ47	E- 2
RJ48	E- 2
RJ50	E- 5
RJ53	E- 1
RJ6	A- 6
RJ63	E- 3
RJ64	E- 1
RJ65	E- 1
RJ66	E- 1
RJ67	C- 6
RJ68	B- 6
RJ69	B- 6
RJ7	B- 6
RJ70	C- 6
RJ71	E- 2
RJ72	C- 6
RJ73	B- 7
RJ74	C- 6

SYMBOL NO.	ADDRESS
RJ8	B- 6
RJ9	C- 6
RZ110	A- 6
RZ117	B- 3
RZ118	B- 3
RZ15	C- 7
RZ186	D- 7
RZ188	D- 7
RZ189	D- 7
RZ191	D- 6
RZ218	E- 6
RZ219	E- 6
RZ22	A- 6
RZ222	E- 6
RZ223	E- 6
RZ232	E- 5
RZ253	D- 4
RZ256	D- 4
RZ257	D- 4
RZ268	E- 4
RZ275	E- 4
RZ286	D- 4
RZ302	D- 4
RZ353	D- 2
RZ417	C- 5
RZ418	A- 4
RZ524	C- 7
RZ74	C- 5
RZ89	C- 5
RZ99	A- 4
S101	A- 6
S102	A- 6
S5A0	E- 7
S5A1	E- 7
S5A2	E- 1
S5A3	E- 6
S5A4	E- 6
S5A5	E- 1
S5A6	E- 2
S5A7	E- 3
S5A8	E- 2
S5A9	E- 1
S5B0	E- 1
S5B1	A- 5
SA901	A- 2
T3601	B- 6
T3602	B- 6
T901	C- 1
TP-2M	C- 5
TP-RESET	E- 7
TP01	B- 7
TP02	B- 7
TP11	C- 7
TP15	C- 7
TP16	C- 6
TP1S	C- 7

SYMBOL NO.	ADDRESS
TP1V	C- 7
TP2A	B- 6
TP2B	D- 6
TP2H	A- 6
TP2H	B- 6
TP2J	A- 7
TP2S	C- 5
TP3N	B- 6
TP3S	A- 5
TP3S	B- 6
TP3Y	A- 5
TP4C	B- 3
TP4C	B- 6
TP4C0	C- 2
TP4C1	B- 2
TP4C2	B- 2
TP4D1	B- 3
TP4D2	B- 3
TP4F1	B- 3
TP4G1	A- 2
TP4M	A- 3
TP4M1	B- 3
TP5A	B- 6
TP5A	D- 7
TP5B	B- 6
TP5B	D- 7
TP5C	D- 7
TP5C	E- 5
TP5C1	E- 3
TP5CS1	E- 4
TP5CS2	E- 4
TP5CU	C- 4
TP5D0	E- 4
TP5DI	D- 4
TP5ES	C- 7
TP5F	E- 2
TP5HS	C- 5
TP5LC	D- 4
TP5LS	E- 5
TP5LT	D- 3
TP5P0	D- 3
TP5P1	D- 3
TP5P2	D- 3
TP5R0	D- 4
TP5RI	E- 3
TP5RM	E- 2
TP5SK	E- 4
TP5SS	D- 3
TP5SSV	D- 5
TP5SU	E- 5
TP5T	E- 2
TP5TU	E- 3
TP5X	E- 2
TP5Y	E- 6
TP9Z	E- 1
TPGND	C- 6
TU01	A- 7
V5A0	E- 5

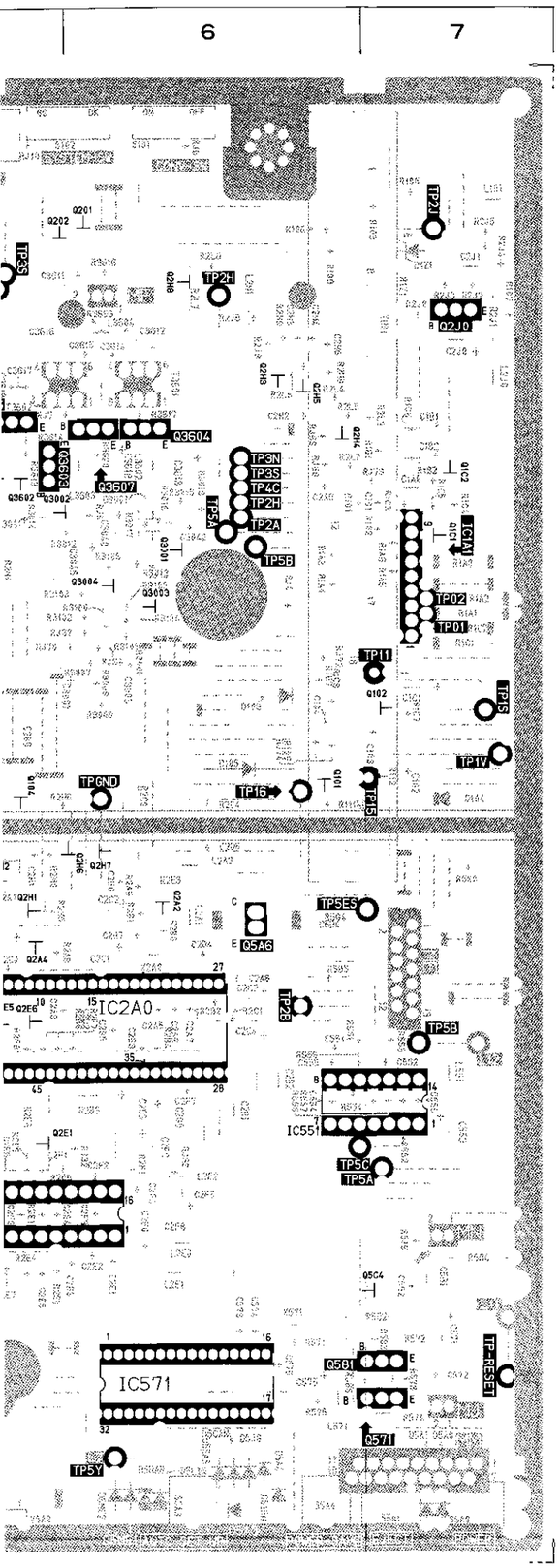
SYMBOL NO.	ADDRESS
VR4A0	A- 3
X2A0	D- 6
X4A0	A- 3
X571	E- 6
X5A0	D- 2
X5A1	D- 2
Z5A0	E- 3

PCB-MAIN (HS-761V(E)/V(GY))



PCB-MAIN (HS-761V(E)/V(GY))

SYMBOL NO.	ADDRESS	SYMBOL NO.	ADDRESS	SYMBOL NO.
BB	A- 1	C2D2	D- 6	C301
		C2D3	D- 6	C301
C101	B- 7	C2D4	D- 6	C301
C102	C- 7	C2D5	C- 6	C301
C103	C- 7	C2E0	E- 6	C301
C104	C- 6	C2E1	E- 6	C302
C1A0	B- 7	C2E2	E- 6	C302
C1B1	B- 7	C2E3	E- 6	C302
C1B2	B- 7	C2E4	D- 6	C302
C1C1	C- 7	C2E5	E- 5	C302
C201	B- 5	C2E6	E- 5	C302
C202	A- 5	C2E7	E- 5	C302
C203	B- 5	C2E8	D- 5	C302
C204	B- 5	C2E9	D- 5	C302
C205	B- 5	C2F0	D- 5	C302
C206	A- 5	C2F1	D- 5	C302
C207	B- 5	C2F2	D- 6	C303
C208	B- 5	C2F3	D- 6	C303
C209	A- 5	C2F4	D- 6	C303
C210	B- 5	C2F5	D- 6	C303
C211	B- 5	C2F7	D- 6	C303
C212	A- 5	C2F8	D- 6	C303
C213	A- 5	C2F9	D- 6	C304
C214	B- 5	C2G0	D- 6	C304
C215	B- 5	C2H0	C- 5	C304
C216	B- 5	C2H1	C- 5	C304
C217	B- 5	C2H2	B- 6	C304
C218	B- 5	C2H3	A- 6	C304
C219	B- 5	C2H4	A- 6	C304
C226	A- 5	C2H5	A- 6	C304
C227	A- 5	C2J0	A- 7	C305
C2A0	D- 5	C2J1	A- 7	C306
C2A1	C- 5	C2V0	D- 4	C307
C2A2	C- 5	C2V1	D- 4	C308
C2A3	D- 6	C2V2	D- 4	C309
C2A5	D- 6	C2V3	C- 4	C310
C2A6	D- 6	C2V4	C- 4	C311
C2A7	D- 6	C2V5	C- 4	C312
C2A8	D- 6	C2V6	C- 4	C313
C2A9	B- 6	C2V7	C- 4	C314
C2B0	C- 6	C2V8	C- 4	C315
C2B1	D- 6	C2V9	C- 4	C360
C2B2	D- 6	C2W0	D- 4	C360
C2B3	D- 6	C2W1	D- 4	C360
C2B4	D- 6	C2W2	C- 4	C360
C2B5	D- 6	C2W3	C- 5	C360
C2B7	C- 6	C3002	B- 3	C360
C2B8	C- 5	C3003	B- 3	C360
C2B9	C- 5	C3004	C- 3	C360
C2C0	D- 5	C3005	C- 6	C360
C2C1	D- 6	C3006	C- 3	C361
C2C2	C- 6	C3007	C- 6	C3611
C2C3	D- 6	C3008	C- 3	C361
C2C4	D- 6	C3009	C- 3	C361
C2C5	D- 5	C301	B- 4	C361
C2C6	D- 5	C3010	C- 4	C361
C2C7	D- 5	C3011	C- 4	C361
C2C8	D- 5	C3012	C- 3	C361
C2D0	D- 5	C3013	C- 4	C361
C2D1	D- 5	C3014	C- 4	C361



PCB-MAIN (HS-761V(E)/V(GY))

SYMBOL NO.	ADDRESS
BB	A- 1
C101	B- 7
C102	C- 7
C103	C- 7
C104	C- 6
C1A0	B- 7
C1B1	B- 7
C1B2	B- 7
C1C1	C- 7
C201	B- 5
C202	A- 5
C203	B- 5
C204	B- 5
C205	B- 5
C206	A- 5
C207	B- 5
C208	B- 5
C209	A- 5
C210	B- 5
C211	B- 5
C212	A- 5
C213	A- 5
C214	B- 5
C215	B- 5
C216	B- 5
C217	B- 5
C218	B- 5
C219	B- 5
C226	A- 5
C227	A- 5
C2A0	D- 5
C2A1	C- 5
C2A2	C- 5
C2A3	D- 6
C2A5	D- 6
C2A6	D- 6
C2A7	D- 6
C2A8	D- 6
C2A9	B- 6
C2B0	C- 6
C2B1	D- 6
C2B2	D- 6
C2B3	D- 6
C2B4	D- 6
C2B5	D- 6
C2B7	C- 6
C2B8	C- 5
C2B9	C- 5
C2C0	D- 5
C2C1	D- 6
C2C2	C- 6
C2C3	D- 6
C2C4	D- 6
C2C5	D- 5
C2C6	D- 5
C2C7	D- 5
C2C8	D- 5
C2D0	D- 5
C2D1	D- 5

SYMBOL NO.	ADDRESS
C2D2	D- 6
C2D3	D- 6
C2D4	D- 6
C2D5	C- 6
C2E0	E- 6
C2E1	E- 6
C2E2	E- 6
C2E3	E- 6
C2E4	D- 6
C2E5	E- 5
C2E6	E- 5
C2E7	E- 5
C2E8	D- 5
C2E9	D- 5
C2F0	D- 5
C2F1	D- 5
C2F2	D- 6
C2F3	D- 6
C2F4	D- 6
C2F5	D- 6
C2F7	D- 6
C2F8	D- 6
C2F9	D- 6
C2G0	D- 6
C2H0	C- 5
C2H1	C- 5
C2H2	B- 6
C2H3	A- 6
C2H4	A- 6
C2H5	A- 6
C2J0	A- 7
C2J1	A- 7
C2V0	D- 4
C2V1	D- 4
C2V2	D- 4
C2V3	C- 4
C2V4	C- 4
C2V5	C- 4
C2V6	C- 4
C2V7	C- 4
C2V8	C- 4
C2V9	C- 4
C2W0	D- 4
C2W1	D- 4
C2W2	C- 4
C2W3	C- 5
C3002	B- 3
C3003	B- 3
C3004	C- 3
C3005	C- 6
C3006	C- 3
C3007	C- 6
C3008	C- 3
C3009	C- 3
C301	B- 4
C3010	C- 4
C3011	C- 4
C3012	C- 3
C3013	C- 4
C3014	C- 4

SYMBOL NO.	ADDRESS
C3015	C- 4
C3016	C- 4
C3017	C- 4
C3018	C- 4
C3019	C- 4
C302	B- 4
C3020	C- 4
C3021	B- 4
C3022	C- 5
C3023	B- 4
C3024	B- 4
C3025	B- 4
C3026	B- 4
C3027	B- 4
C3028	B- 4
C3029	C- 4
C303	B- 4
C3030	C- 4
C3031	B- 3
C3032	B- 4
C3034	A- 4
C3035	A- 4
C304	B- 4
C3040	B- 6
C3041	B- 5
C3042	B- 6
C3043	B- 4
C3044	C- 4
C3045	B- 6
C3046	C- 5
C305	B- 4
C306	B- 5
C307	B- 4
C308	A- 4
C309	A- 4
C310	A- 4
C311	A- 4
C312	A- 4
C313	A- 4
C314	A- 4
C315	A- 4
C3601	B- 4
C3602	B- 4
C3603	B- 4
C3604	B- 4
C3605	B- 4
C3606	B- 4
C3607	B- 4
C3608	B- 4
C3609	B- 4
C3610	B- 3
C3611	A- 6
C3612	A- 6
C3613	B- 6
C3614	B- 6
C3615	B- 6
C3616	A- 6
C3617	B- 5
C3618	B- 6
C3619	B- 5

SYMBOL NO.	ADDRESS
C3620	B- 3
C3621	B- 3
C3622	B- 3
C4A0	B- 2
C4A1	C- 3
C4A2	A- 2
C4A4	C- 2
C4A6	C- 2
C4A7	B- 2
C4A8	B- 2
C4A9	B- 2
C4B0	B- 3
C4B1	B- 2
C4B2	B- 2
C4B3	B- 3
C4B4	B- 2
C4B5	B- 2
C4B6	B- 2
C4B7	B- 3
C4B8	B- 3
C4B9	B- 3
C4C0	B- 3
C4C2	B- 3
C4C3	A- 3
C4C4	B- 3
C4C5	B- 3
C4C6	A- 2
C4C7	B- 2
C4C8	B- 2
C4C9	B- 3
C4D0	A- 3
C4D1	B- 2
C4D2	B- 2
C4D3	B- 2
C4D4	B- 2
C4D7	C- 2
C4G7	A- 3
C4G8	A- 3
C4G9	A- 2
C4J0	A- 3
C551	D- 6
C552	D- 7
C553	D- 7
C554	D- 6
C555	D- 6
C556	D- 7
C571	E- 7
C572	E- 7
C573	E- 6
C574	E- 6
C575	E- 6
C576	E- 6
C581	E- 7
C582	E- 7
C5A0	E- 2
C5A1	E- 2
C5A2	E- 2
C5A3	E- 3
C5A4	E- 2
C5A5	E- 3

SYMBOL NO.	ADDRESS
C5A6	E- 4
C5A7	D- 3
C5A8	E- 4
C5A9	E- 4
C5B0	E- 4
C5B1	D- 3
C5B2	D- 3
C5B3	D- 3
C5B5	D- 2
C5B6	D- 2
C5B7	D- 2
C5B8	D- 2
C5B9	E- 2
C5C0	D- 4
C5C1	D- 4
C5C2	E- 2
C5C3	E- 2
C5C4	D- 2
C5D0	C- 7
C901	A- 2
C904	A- 1
C907	B- 1
C908	B- 1
C909	A- 1
C912	B- 1
C913	B- 1
C914	B- 1
C915	B- 1
C916	B- 1
C9A1	C- 1
C9A2	D- 1
C9A3	C- 1
C9A4	D- 1
C9A5	C- 1
C9A6	C- 1
C9A8	D- 1
C9A9	D- 1
C9B0	C- 1
C9B1	D- 1
C9B2	D- 1
C9B3	D- 1
C9B4	E- 1
C9B5	E- 1
C9C1	C- 1
C9C2	C- 1
D101	C- 4
D102	C- 4
D103	C- 6
D104	C- 7
D105	C- 6
D1Z1	A- 7
D201	B- 5
D2A0	C- 5
D2A1	C- 5
D2A2	D- 3
D2V0	C- 4
D3001	B- 6
D4A0	B- 3
D4A1	E- 2

SYMBOL NO.	ADDRESS
D5A0	E- 7
D5A1	E- 7
D5A2	E- 1
D5A3	E- 6
D5A4	E- 6
D5A5	E- 1
D5A6	E- 2
D5A7	E- 3
D5A8	E- 3
D5A9	D- 3
D5B0	E- 1
D5B4	D- 4
D5B5	D- 2
D5C0	E- 5
D5C1	E- 3
D5C2	E- 4
D5C3	D- 4
D5C4	E- 4
D5C5	E- 4
D5C6	E- 4
D5C9	E- 1
D5CAN	E- 6
D5D0	E- 1
D5D4	D- 2
D5E2	D- 3
D5IRN	E- 6
D5JG	E- 6
D5LIN	E- 6
D5ME1	E- 6
D5ME2	E- 6
D5RAB	E- 6
D5SAS	E- 6
D901	B- 1
D903	B- 1
D904	B- 1
D905	B- 1
D906	B- 1
D907	B- 1
D908	B- 1
D9A1	C- 1
D9A2	C- 1
D9A3	C- 1
D9A4	C- 1
D9A5	D- 1
D9A6	D- 1
D9A7	D- 1
D9A8	E- 1
D9A9	D- 1
D9B0	E- 1
D9B1	E- 1
D9B2	C- 1
D9B3	D- 5
D9B4	D- 5
D9B5	E- 1
FC11	A- 2
FC12	A- 2
F901	A- 2
IC1A1	B- 7

SYMBOL NO.	ADDRESS
IC201	B- 5
IC2A0	D- 5
IC2A1	D- 6
IC2V0	C- 4
IC3001	B- 4
IC301	B- 4
IC4A0	B- 2
IC4A1	C- 3
IC4A2	A- 3
IC551	D- 7
IC571	E- 6
IC5A0	E- 3
IC5A1	E- 4
IC5A2	E- 4
IC5A3	D- 5
IC5A4	D- 4
IC901	B- 1
IC9A1	C- 2
IC9A2	D- 1
J581	A- 5
L101	A- 7
L11	E- 7
L12	D- 7
L13	E- 4
L14	E- 2
L15	E- 2
L201	B- 5
L2A0	C- 5
L2A1	C- 6
L2A2	C- 6
L2E0	E- 6
L2E1	E- 6
L2E2	D- 6
L2H0	C- 5
L2H1	A- 6
L2J0	B- 7
L2V0	D- 4
L2V1	D- 5
L2V2	D- 4
L2V3	C- 4
L301	B- 5
L3601	B- 4
L3602	B- 6
L3603	B- 6
L3604	A- 6
L4A7	A- 2
L4A8	A- 3
L5	E- 2
L551	D- 7
L571	E- 6
L6	E- 3
L7	E- 6
L8	E- 1
L9	E- 3
L901	A- 1
L9A1	D- 1
L9A2	D- 1

SYMBOL NO.	ADDRESS
MA	A- 3
MB	A- 3
MC	C- 2
MD	A- 3
ME	C- 7
MF	A- 6
MG	A- 4
MH	A- 4
MJ	E- 7
MK	E- 1
ML	A- 2
MM	E- 7
MN	D- 7
MS	A- 3
PC901	C- 1
PC902	B- 2
Q101	C- 6
Q102	C- 7
Q103	C- 5
Q104	C- 5
Q1C1	B- 7
Q1C2	B- 7
Q201	A- 6
Q202	A- 6
Q203	B- 5
Q204	A- 5
Q205	A- 5
Q206	A- 5
Q207	A- 5
Q208	B- 5
Q209	B- 5
Q2A0	C- 5
Q2A1	C- 5
Q2A2	C- 6
Q2A3	D- 5
Q2A4	D- 5
Q2E0	D- 5
Q2E1	D- 6
Q2E4	D- 5
Q2E5	D- 5
Q2E6	D- 5
Q2H0	C- 5
Q2H1	C- 5
Q2H2	C- 5
Q2H3	B- 6
Q2H4	B- 6
Q2H5	B- 6
Q2H6	C- 6
Q2H7	C- 6
Q2H8	A- 6
Q2J0	A- 7
Q2K0	D- 2
Q2K1	D- 3
Q2V0	D- 4
Q2V1	C- 4
Q2V2	C- 4
Q2V3	C- 5
Q2V4	D- 5

SYMBOL NO.	ADDRESS
Q3001	B- 6
Q3002	B- 6
Q3003	B- 6
Q3004	B- 6
Q3601	B- 4
Q3602	B- 5
Q3603	B- 5
Q3604	B- 6
Q3605	B- 5
Q3606	B- 5
Q3607	B- 6
Q3608	B- 4
Q3609	C- 3
Q4A2	B- 2
Q4A4	A- 2
Q4A5	C- 2
Q4A6	A- 2
Q4C8	A- 2
Q571	E- 7
Q581	E- 7
Q5A0	D- 5
Q5A1	D- 3
Q5A2	E- 5
Q5A3	E- 1
Q5A4	E- 2
Q5A5	E- 2
Q5A6	C- 6
Q5A7	C- 2
Q5A8	D- 3
Q5A9	D- 2
Q5B0	D- 2
Q5B1	E- 2
Q5B2	D- 3
Q5B6	D- 5
Q5C1	D- 3
Q5C2	D- 3
Q5C3	E- 4
Q5C4	E- 7
Q9A1	D- 1
Q9A2	D- 1
Q9A3	D- 1
Q9A4	D- 1
Q9A5	D- 1
Q9A6	E- 1
Q9A7	E- 1
Q9A8	E- 1
Q9A9	E- 1
Q9B0	E- 1
Q9B1	E- 1
Q9B2	D- 1
Q9B3	D- 1
Q9B7	B- 2
Q9F0	E- 5
Q9F1	D- 5
Q9F2	E- 1
Q9F3	E- 1
Q9F4	D- 1
Q9F5	D- 1
Q9F6	D- 1
Q9F7	E- 1

SYMBOL NO.	ADDRESS
R101	B- 7
R102	B- 7
R103	A- 7
R105	A- 7
R106	A- 6
R107	A- 7
R108	A- 6
R109	C- 6
R111	C- 6
R112	C- 7
R113	D- 5
R114	C- 5
R1A0	B- 7
R1A1	B- 7
R1A2	B- 7
R1A3	B- 6
R1A4	B- 6
R1A5	B- 7
R1A6	B- 7
R1B1	B- 7
R1B2	B- 7
R1C1	B- 7
R1C2	B- 7
R1C3	B- 7
R1C4	B- 7
R1C5	B- 7
R1C6	B- 7
R1C7	C- 7
R1C8	C- 6
R1Z1	A- 7
R201	B- 5
R202	B- 5
R203	B- 5
R205	B- 5
R206	B- 5
R207	B- 5
R208	B- 5
R209	B- 5
R210	B- 5
R216	B- 5
R217	B- 5
R218	A- 5
R219	A- 5
R220	A- 5
R221	A- 5
R222	A- 5
R223	C- 5
R2A0	D- 5
R2A1	D- 5
R2A2	D- 5
R2A3	C- 5
R2A4	C- 5
R2A5	C- 5
R2A6	C- 5
R2A7	C- 5
R2A8	D- 6
R2A9	C- 6
R2B0	C- 6
R2B1	C- 6
R2B2	D- 6

SYMBOL NO.	ADDRESS
R2B3	E- 5
R2B4	D- 6
R2B5	D- 5
R2B6	D- 5
R2B7	D- 5
R2B8	D- 5
R2B9	D- 6
R2C0	C- 6
R2C1	D- 6
R2C2	D- 5
R2C3	D- 5
R2C4	C- 6
R2E0	E- 6
R2E1	D- 5
R2E3	C- 6
R2E4	E- 5
R2E5	D- 5
R2E6	D- 6
R2E7	D- 5
R2E8	D- 5
R2F1	D- 6
R2F6	D- 5
R2F7	D- 6
R2F8	D- 5
R2H0	C- 5
R2H1	C- 5
R2H2	D- 5
R2H3	C- 5
R2H4	B- 5
R2H5	C- 6
R2H6	C- 6
R2H7	D- 5
R2H8	B- 6
R2H9	A- 6
R2J0	A- 7
R2J1	A- 7
R2J2	A- 7
R2J3	A- 7
R2J4	A- 7
R2J5	A- 7
R2J8	A- 6
R2J9	A- 6
R2K0	D- 2
R2K1	D- 3
R2K3	D- 3
R2K6	D- 4
R2K7	D- 4
R2L0	C- 4
R2L1	C- 4
R2L2	B- 7
R2L3	B- 7
R2L4	B- 6
R2L5	B- 7
R2L6	B- 6
R2L7	A- 6
R2L8	A- 6
R2M0	C- 6
R2V0	D- 4
R2V2	D- 4
R2V3	D- 4

SYMBOL NO.	ADDRESS
R2V4	D- 4
R2V5	C- 4
R2V6	C- 4
R2V7	C- 4
R2V8	D- 5
R2V9	D- 5
R2W0	C- 5
R2W1	C- 4
R2W2	C- 5
R2W3	C- 4
R2W4	C- 4
R2W5	C- 4
R3002	B- 3
R3003	B- 3
R3004	B- 3
R3005	B- 3
R3006	C- 6
R3007	C- 6
R3008	C- 6
R3009	C- 6
R3010	C- 4
R3011	C- 4
R3012	B- 6
R3013	B- 6
R3014	B- 5
R3015	B- 6
R3016	B- 6
R3017	B- 6
R3018	B- 6
R3019	B- 4
R302	A- 4
R3020	C- 5
R3021	C- 4
R3022	C- 4
R3023	C- 4
R3024	B- 4
R3025	B- 3
R3026	B- 3
R3027	B- 3
R303	B- 4
R3031	C- 4
R3032	B- 4
R3033	C- 5
R3034	B- 5
R3035	A- 4
R3036	A- 4
R3037	A- 4
R3038	A- 4
R304	B- 4
R305	B- 5
R306	B- 4
R307	A- 4
R308	A- 4
R309	A- 4
R310	A- 4
R3100	B- 6
R3101	B- 6
R3102	B- 6
R3103	B- 6
R3104	B- 6

SYMBOL NO.	ADD
R3105	B
R3106	B
R311	A
R312	A
R313	B
R314	B
R3601	B
R3602	B
R3603	B
R3604	B
R3605	B
R3606	B
R3607	B
R3608	B
R3609	B
R3610	B
R3611	B
R3612	B
R3613	B
R3614	B
R3615	B
R3616	A
R3617	B
R3618	B
R3619	B
R3620	B
R3621	B
R3622	B
R3623	B
R3699	A
R4A0	C
R4B0	C
R4B1	C
R4B2	C
R4B3	C
R4B4	C
R4B5	C
R4B6	C
R4B7	B
R4B8	B
R4B9	B
R4C0	B
R4C1	A
R4C2	A
R4C3	C
R4C4	A
R4C5	A
R4C6	B
R4C7	B
R4C8	B
R4C9	B

ADDRESS
B- 3
B- 3
B- 3
B- 2
C- 3
A- 2
C- 2
C- 2
B- 2
B- 2
B- 2
B- 3
B- 2
B- 2
B- 3
B- 2
B- 2
B- 2
B- 3
B- 3
B- 3
B- 3
B- 3
A- 3
B- 3
B- 3
A- 2
B- 2
B- 2
B- 3
A- 3
B- 2
B- 2
B- 2
A- 3
D- 6
D- 7
D- 7
D- 6
D- 6
D- 7
E- 7
E- 7
E- 6
E- 6
E- 6
E- 6
E- 7
E- 7
E- 2
E- 2
E- 2
E- 3
E- 2
E- 3

SYMBOL NO.	ADDRESS
C5A6	E- 4
C5A7	D- 3
C5A8	E- 4
C5A9	E- 4
C5B0	E- 4
C5B1	D- 3
C5B2	D- 3
C5B3	D- 3
C5B5	D- 2
C5B6	D- 2
C5B7	D- 2
C5B8	D- 2
C5B9	E- 2
C5C0	D- 4
C5C1	D- 4
C5C2	E- 2
C5C3	E- 2
C5C4	D- 2
C5D0	C- 7
C901	A- 2
C904	A- 1
C907	B- 1
C908	B- 1
C909	A- 1
C912	B- 1
C913	B- 1
C914	B- 1
C915	B- 1
C916	B- 1
C9A1	C- 1
C9A2	D- 1
C9A3	C- 1
C9A4	D- 1
C9A5	C- 1
C9A6	C- 1
C9A8	D- 1
C9A9	D- 1
C9B0	C- 1
C9B1	D- 1
C9B2	D- 1
C9B3	D- 1
C9B4	E- 1
C9B5	E- 1
C9C1	C- 1
C9C2	C- 1
D101	C- 4
D102	C- 4
D103	C- 6
D104	C- 7
D105	C- 6
D1Z1	A- 7
D201	B- 5
D2A0	C- 5
D2A1	C- 5
D2A2	D- 3
D2V0	C- 4
D3001	B- 6
D4A0	B- 3
D4A1	E- 2

SYMBOL NO.	ADDRESS
D5A0	E- 7
D5A1	E- 7
D5A2	E- 1
D5A3	E- 6
D5A4	E- 6
D5A5	E- 1
D5A6	E- 2
D5A7	E- 3
D5A8	E- 3
D5A9	D- 3
D5B0	E- 1
D5B4	D- 4
D5B5	D- 2
D5C0	E- 5
D5C1	E- 3
D5C2	E- 4
D5C3	D- 4
D5C4	E- 4
D5C5	E- 4
D5C6	E- 4
D5C9	E- 1
D5CAN	E- 6
D5D0	E- 1
D5D4	D- 2
D5E2	D- 3
D5IRN	E- 6
D5JG	E- 6
D5LIN	E- 6
D5ME1	E- 6
D5ME2	E- 6
D5RAB	E- 6
D5SAS	E- 6
D901	B- 1
D903	B- 1
D904	B- 1
D905	B- 1
D906	B- 1
D907	B- 1
D908	B- 1
D9A1	C- 1
D9A2	C- 1
D9A3	C- 1
D9A4	C- 1
D9A5	D- 1
D9A6	D- 1
D9A7	D- 1
D9A8	E- 1
D9A9	D- 1
D9B0	E- 1
D9B1	E- 1
D9B2	C- 1
D9B3	D- 5
D9B4	D- 5
D9B5	E- 1
FC11	A- 2
FC12	A- 2
F901	A- 2
IC1A1	B- 7

SYMBOL NO.	ADDRESS
IC201	B- 5
IC2A0	D- 5
IC2A1	D- 6
IC2V0	C- 4
IC3001	B- 4
IC301	B- 4
IC4A0	B- 2
IC4A1	C- 3
IC4A2	A- 3
IC551	D- 7
IC571	E- 6
IC5A0	E- 3
IC5A1	E- 4
IC5A2	E- 4
IC5A3	D- 5
IC5A4	D- 4
IC901	B- 1
IC9A1	C- 2
IC9A2	D- 1
J581	A- 5
L101	A- 7
L11	E- 7
L12	D- 7
L13	E- 4
L14	E- 2
L15	E- 2
L201	B- 5
L2A0	C- 5
L2A1	C- 6
L2A2	C- 6
L2E0	E- 6
L2E1	E- 6
L2E2	D- 6
L2H0	C- 5
L2H1	A- 6
L2J0	B- 7
L2V0	D- 4
L2V1	D- 5
L2V2	D- 4
L2V3	C- 4
L301	B- 5
L3601	B- 4
L3602	B- 6
L3603	B- 6
L3604	A- 6
L4A7	A- 2
L4A8	A- 3
L5	E- 2
L551	D- 7
L571	E- 6
L6	E- 3
L7	E- 6
L8	E- 1
L9	E- 3
L901	A- 1
L9A1	D- 1
L9A2	D- 1

SYMBOL NO.	ADDRESS
MA	A- 3
MB	A- 3
MC	C- 2
MD	A- 3
ME	C- 7
MF	A- 6
MG	A- 4
MH	A- 4
MJ	E- 7
MK	E- 1
ML	A- 2
MM	E- 7
MN	D- 7
MS	A- 3
PC901	C- 1
PC902	B- 2
Q101	C- 6
Q102	C- 7
Q103	C- 5
Q104	C- 5
Q1C1	B- 7
Q1C2	B- 7
Q201	A- 6
Q202	A- 6
Q203	B- 5
Q204	A- 5
Q205	A- 5
Q206	A- 5
Q207	A- 5
Q208	B- 5
Q209	B- 5
Q2A0	C- 5
Q2A1	C- 5
Q2A2	C- 6
Q2A3	D- 5
Q2A4	D- 5
Q2E0	D- 5
Q2E1	D- 6
Q2E4	D- 5
Q2E5	D- 5
Q2E6	D- 5
Q2H0	C- 5
Q2H1	C- 5
Q2H2	C- 5
Q2H3	B- 6
Q2H4	B- 6
Q2H5	B- 6
Q2H6	C- 6
Q2H7	C- 6
Q2H8	A- 6
Q2J0	A- 7
Q2K0	D- 2
Q2K1	D- 3
Q2V0	D- 4
Q2V1	C- 4
Q2V2	C- 4
Q2V3	C- 5
Q2V4	D- 5

SYMBOL NO.	ADDRESS
Q3001	B- 6
Q3002	B- 6
Q3003	B- 6
Q3004	B- 6
Q3601	B- 4
Q3602	B- 5
Q3603	B- 5
Q3604	B- 6
Q3605	B- 5
Q3606	B- 5
Q3607	B- 6
Q3608	B- 4
Q3609	C- 3
Q4A2	B- 2
Q4A4	A- 2
Q4A5	C- 2
Q4A6	A- 2
Q4C8	A- 2
Q571	E- 7
Q581	E- 7
Q5A0	D- 5
Q5A1	D- 3
Q5A2	E- 5
Q5A3	E- 1
Q5A4	E- 2
Q5A5	E- 2
Q5A6	C- 6
Q5A7	C- 2
Q5A8	D- 3
Q5A9	D- 2
Q5B0	D- 2
Q5B1	E- 2
Q5B2	D- 3
Q5B6	D- 5
Q5C1	D- 3
Q5C2	D- 3
Q5C3	E- 4
Q5C4	E- 7
Q9A1	D- 1
Q9A2	D- 1
Q9A3	D- 1
Q9A4	D- 1
Q9A5	D- 1
Q9A6	E- 1
Q9A7	E- 1
Q9A8	E- 1
Q9A9	E- 1
Q9B0	E- 1
Q9B1	E- 1
Q9B2	D- 1
Q9B3	D- 1
Q9B7	B- 2
Q9F0	E- 5
Q9F1	D- 5
Q9F2	E- 1
Q9F3	E- 1
Q9F4	D- 1
Q9F5	D- 1
Q9F6	D- 1
Q9F7	E- 1

SYMBOL NO.	ADDRESS
R101	B- 7
R102	B- 7
R103	A- 7
R105	A- 7
R106	A- 6
R107	A- 7
R108	A- 6
R109	C- 6
R111	C- 6
R112	C- 7
R113	D- 5
R114	C- 5
R1A0	B- 7
R1A1	B- 7
R1A2	B- 7
R1A3	B- 6
R1A4	B- 6
R1A5	B- 7
R1A6	B- 7
R1B1	B- 7
R1B2	B- 7
R1C1	B- 7
R1C2	B- 7
R1C3	B- 7
R1C4	B- 7
R1C5	B- 7
R1C6	B- 7
R1C7	C- 7
R1C8	C- 6
R1Z1	A- 7
R201	B- 5
R202	B- 5
R203	B- 5
R205	B- 5
R206	B- 5
R207	B- 5
R208	B- 5
R209	B- 5
R210	B- 5
R216	B- 5
R217	B- 5
R218	A- 5
R219	A- 5
R220	A- 5
R221	A- 5
R222	A- 5
R223	C- 5
R2A0	D- 5
R2A1	D- 5
R2A2	D- 5
R2A3	C- 5
R2A4	C- 5
R2A5	C- 5
R2A6	C- 5
R2A7	C- 5
R2A8	D- 6
R2A9	C- 6
R2B0	C- 6
R2B1	C- 6
R2B2	D- 6

SYMBOL NO.	ADDRESS
R2B3	E- 5
R2B4	D- 6
R2B5	D- 5
R2B6	D- 5
R2B7	D- 5
R2B8	D- 5
R2B9	D- 6
R2C0	C- 6
R2C1	D- 6
R2C2	D- 5
R2C3	D- 5
R2C4	C- 6
R2E0	E- 6
R2E1	D- 5
R2E3	C- 6
R2E4	E- 5
R2E5	D- 5
R2E6	D- 6
R2E7	D- 5
R2E8	D- 5
R2F1	D- 6
R2F6	D- 5
R2F7	D- 6
R2F8	D- 5
R2H0	C- 5
R2H1	C- 5
R2H2	D- 5
R2H3	C- 5
R2H4	B- 5
R2H5	C- 6
R2H6	C- 6
R2H7	D- 5
R2H8	B- 6
R2H9	A- 6
R2J0	A- 7
R2J1	A- 7
R2J2	A- 7
R2J3	A- 7
R2J4	A- 7
R2J5	A- 7
R2J8	A- 6
R2J9	A- 6
R2K0	D- 2
R2K1	D- 3
R2K3	D- 3
R2K6	D- 4
R2K7	D- 4
R2L0	C- 4
R2L1	C- 4
R2L2	B- 7
R2L3	B- 7
R2L4	B- 6
R2L5	B- 7
R2L6	B- 6
R2L7	A- 6
R2L8	A- 6
R2M0	C- 6
R2V0	D- 4
R2V2	D- 4
R2V3	D- 4

SYMBOL NO.	ADDRESS
R2V4	D- 4
R2V5	C- 4
R2V6	C- 4
R2V7	C- 4
R2V8	D- 5
R2V9	D- 5
R2W0	C- 5
R2W1	C- 4
R2W2	C- 5
R2W3	C- 4
R2W4	C- 4
R2W5	C- 4
R3002	B- 3
R3003	B- 3
R3004	B- 3
R3005	B- 3
R3006	C- 6
R3007	C- 6
R3008	C- 6
R3009	C- 6
R3010	C- 4
R3011	C- 4
R3012	B- 6
R3013	B- 6
R3014	B- 5
R3015	B- 6
R3016	B- 6
R3017	B- 6
R3018	B- 6
R3019	B- 4
R302	A- 4
R3020	C- 5
R3021	C- 4
R3022	C- 4
R3023	C- 4
R3025	B- 3
R3026	B- 3
R3027	B- 3
R303	B- 4
R3031	C- 4
R3032	B- 4
R3033	C- 5
R3034	B- 5
R3035	A- 4
R3036	A- 4
R3037	A- 4
R3038	A- 4
R304	B- 4
R305	B- 5
R306	B- 4
R307	A- 4
R308	A- 4
R309	A- 4
R310	A- 4
R3100	B- 6
R3101	B- 6
R3102	B- 6
R3103	B- 6
R3104	B- 6

SYMBOL NO.	ADDRESS
R3105	B- 6
R3106	B- 6
R311	A- 4
R312	A- 4
R313	B- 4
R314	B- 5
R3601	B- 4
R3602	B- 4
R3603	B- 4
R3604	B- 4
R3605	B- 4
R3606	B- 4
R3607	B- 4
R3608	B- 4
R3609	B- 4
R3610	B- 4
R3611	B- 4
R3612	B- 4
R3613	B- 5
R3614	B- 5
R3615	B- 4
R3616	A- 6
R3617	B- 6
R3618	B- 5
R3619	B- 5
R3620	B- 6
R3621	B- 3
R3622	B- 3
R3623	B- 3
R3699	A- 6
R4A0	C- 2
R4A1	C- 2
R4A2	B- 2
R4A3	C- 2
R4A4	C- 2
R4A5	E- 2
R4A6	C- 3
R4A7	C- 2
R4A8	C- 2
R4A9	C- 3
R4B0	C- 3
R4B1	C- 2
R4B2	C- 2
R4B3	C- 2
R4B4	C- 3
R4B5	C- 2
R4B6	C- 2
R4B7	B- 2
R4B8	B- 2
R4B9	B- 2
R4C0	B- 2
R4C1	A- 2
R4C2	A- 2
R4C3	C- 3
R4C4	A- 2
R4C5	A- 2
R4C6	B- 3
R4C7	B- 2
R4C8	B- 2
R4C9	B- 2

SYMBOL NO.	ADDRESS
R4D0	B- 2
R4D1	B- 2
R4D2	B- 3
R4D3	B- 3
R4D4	B- 3
R4D5	B- 3
R4D6	A- 3
R4D8	A- 3
R4D9	A- 3
R4E0	A- 3
R4E1	B- 2
R4E2	C- 2
R4E3	C- 2
R4F0	C- 3
R4F1	B- 3
R4F2	E- 2
R4S1	A- 3
R4S5	A- 2
R4S6	A- 2
R4S7	A- 2
R4S9	A- 3
R551	D- 7
R552	D- 7
R553	D- 7
R554	D- 7
R555	D- 7
R556	D- 7
R557	D- 7
R571	E- 6
R572	E- 7
R573	E- 7
R574	E- 7
R575	E- 6
R582	E- 7
R583	E- 7
R584	E- 7
R585	E- 7
R5A0	E- 3
R5A1	E- 5
R5A2	D- 3
R5A3	E- 5
R5A5	E- 5
R5A8	E- 1
R5A9	E- 1
R5B0	E- 1
R5B1	E- 2
R5B2	E- 2
R5B3	E- 2
R5B4	D- 4
R5B5	D- 6
R5B6	D- 2
R5B7	D- 2
R5B8	D- 3
R5B9	D- 2
R5C0	D- 2
R5C1	E- 1
R5C2	E- 4
R5C3	E- 4
R5C4	E- 4
R5C5	E- 4

SYMBOL NO.	ADDRESS
R5C6	E- 4
R5C7	E- 4
R5D3	D- 4
R5D4	E- 2
R5D5	E- 2
R5D6	E- 2
R5D7	E- 2
R5D8	D- 3
R5D9	D- 3
R5E0	D- 4
R5E1	D- 5
R5E2	D- 5
R5E3	D- 2
R5E4	D- 2
R5E5	D- 2
R5E6	E- 2
R5E7	E- 2
R5E8	E- 2
R5E9	E- 2
R5F0	D- 4
R5F4	E- 4
R5F7	E- 4
R5F8	E- 4
R5F9	D- 4
R5G0	D- 2
R5G1	E- 5
R5G2	E- 3
R5G3	E- 3
R5G4	C- 7
R5G5	D- 3
R5G6	D- 3
R5G7	D- 3
R5G8	D- 3
R5G9	E- 2
R5H0	E- 2
R5H1	D- 2
R5H3	E- 2
R5H4	E- 1
R5H5	E- 1
R5H6	E- 1
R5H7	E- 5
R5H8	E- 4
R5H9	E- 4
R5J1	D- 3
R5J2	E- 4
R5J3	B- 5
R5J4	C- 5
R5J5	D- 2
R5J6	E- 7
R5J7	D- 4
R5J8	D- 4
R5K0	C- 7
R901	B- 1
R902	A- 2
R906	B- 1
R907	B- 1
R908	B- 1
R910	A- 1
R911	B- 1
R912	B- 1

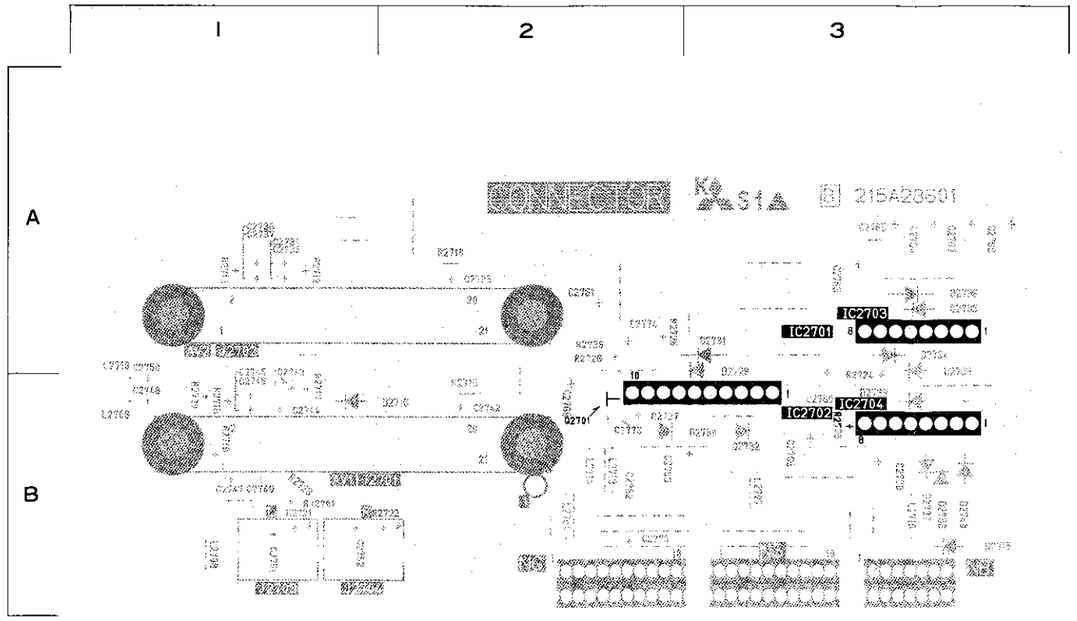
SYMBOL NO.	ADDRESS
R913	B- 2
R914	B- 1
R915	B- 1
R916	B- 1
R9A1	C- 2
R9A2	C- 1
R9A3	C- 2
R9A5	D- 1
R9A6	D- 1
R9A7	D- 1
R9A8	D- 1
R9A9	D- 1
R9B1	D- 1
R9B2	E- 1
R9B3	D- 1
R9B4	E- 1
R9B5	E- 1
R9B6	E- 1
R9B7	E- 1
R9B8	E- 1
R9C0	E- 1
R9C1	E- 1
R9C2	C- 2
R9C3	E- 1
R9C4	D- 5
R9C5	D- 1
R9C9	C- 2
R9D1	D- 1
R9E1	D- 1
R9E2	D- 1
R9E3	D- 1
R9E4	D- 1
R9E5	E- 1
R9E6	E- 1
R9E7	D- 1
R9E8	B- 2
R9E9	C- 1
R9F0	E- 5
R9F1	E- 1
R9F2	E- 1
RJ10	A- 5
RJ12	A- 5
RJ13	A- 5
RJ14	C- 5
RJ15	C- 5
RJ22	B- 2
RJ23	C- 2
RJ24	C- 2
RJ32	D- 6
RJ33	D- 6
RJ34	D- 5
RJ35	C- 5
RJ36	D- 5
RJ37	B- 6
RJ38	D- 5
RJ39	E- 4
RJ4	B- 6
RJ40	C- 4
RJ41	E- 4
RJ44	D- 2

SYMBOL NO.	ADDRESS
RJ45	D- 2
RJ46	E- 2
RJ47	E- 2
RJ48	E- 2
RJ50	E- 5
RJ53	E- 1
RJ6	A- 6
RJ63	E- 3
RJ64	E- 1
RJ65	E- 1
RJ66	E- 1
RJ67	C- 6
RJ68	B- 6
RJ69	B- 6
RJ7	B- 6
RJ70	C- 6
RJ71	E- 2
RJ72	C- 6
RJ73	B- 7
RJ74	C- 6
RJ8	B- 6
RJ9	C- 6
RZ117	B- 3
RZ118	B- 3
RZ15	C- 7
RZ186	D- 7
RZ188	D- 7
RZ189	D- 7
RZ191	D- 6
RZ218	E- 6
RZ219	E- 6
RZ22	A- 6
RZ222	E- 6
RZ223	E- 6
RZ232	E- 5
RZ253	D- 4
RZ256	D- 4
RZ257	D- 4
RZ268	E- 4
RZ275	E- 4
RZ286	D- 4
RZ302	D- 4
RZ353	D- 2
RZ417	C- 5
RZ418	A- 4
RZ524	C- 7
RZ74	C- 5
RZ89	C- 5
RZ99	A- 4
S101	A- 6
S102	A- 6
S5A0	E- 7
S5A1	E- 7
S5A2	E- 1
S5A3	E- 6
S5A4	E- 6
S5A5	E- 1
S5A6	E- 2
S5A7	E- 3

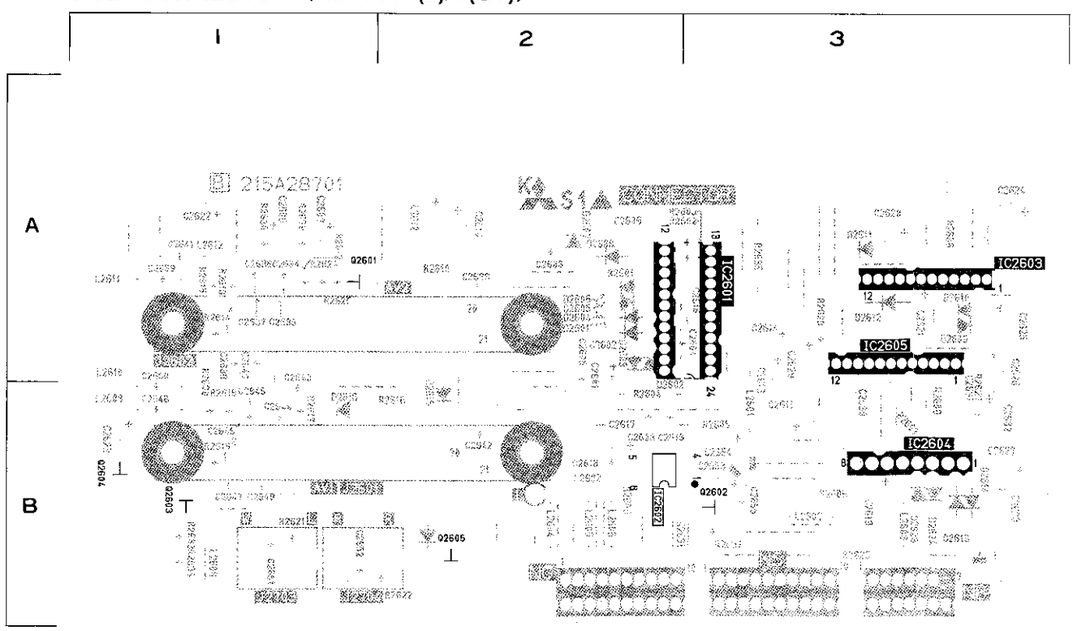
SYMBOL NO.	ADDRESS
S5A8	E- 2
S5A9	E- 1
S5B0	E- 1
S5B1	A- 5
SA901	A- 2
T3601	B- 6
T36D2	B- 6
T901	C- 1
TP-2M	C- 5
TP-RESET	E- 7
TP01	B- 7
TP02	B- 7
TP11	C- 7
TP15	C- 7
TP16	C- 6
TP1S	C- 7
TP1V	C- 7
TP2A	B- 6
TP2B	D- 6
TP2H	A- 6
TP2H	B- 6
TP2J	A- 7
TP2S	C- 5
TP3N	B- 6
TP3S	A- 5
TP3S	B- 6
TP3Y	A- 5
TP4C	B- 3
TP4C	B- 6
TP4C0	C- 2
TP4C1	B- 2
TP4C2	B- 2
TP4D1	B- 3
TP4D2	B- 3
TP4F1	B- 3
TP4G1	A- 2
TP4M	A- 3
TP4M1	B- 3
TP5A	B- 6
TP5A	D- 7
TP5B	B- 6
TP5B	D- 7
TP5C	D- 7
TP5C	E- 5
TP5C1	E- 3
TP5CS1	E- 4
TP5CS2	E- 4
TP5CU	C- 4
TP5D0	E- 4
TP5DI	D- 4
TP5ES	C- 7
TP5F	E- 2
TP5HS	C- 5
TP5LC	D- 4
TP5LS	E- 5
TP5LT	D- 3
TP5P0	D- 3
TP5P1	D- 3

SYMBOL NO.	ADDRESS
TP5P2	D- 3
TP5R0	D- 4
TP5RI	E- 3
TP5RM	E- 2
TP5SK	E- 4
TP5SS	D- 3
TP5SSV	D- 5
TP5SU	E- 5
TP5T	E- 2
TP5TU	E- 3
TP5X	E- 2
TP5Y	E- 6
TP9Z	E- 1
TPGND	C- 6
TU01	A- 7
V5A0	E- 5
VR4A0	A- 3
X2A0	D- 6
X4A0	A- 3
X571	E- 6
X5A0	D- 2
X5A1	D- 2
Z5A0	E- 3

PCB-CONNECTOR (HS-761V(B)/V(IR))



PCB-CONNECTOR (HS-761V(E)/V(GY))



PCB-CONNECTOR (HS-761V(B)/V(IR))

SYMBOL NO.	ADDRESS
C2733	A- 2
C2734	A- 1
C2735	A- 1
C2736	A- 1
C2737	A- 1
C2742	B- 2
C2743	B- 1
C2744	B- 1
C2745	B- 1
C2746	B- 1
C2747	B- 1
C2748	B- 1
C2749	B- 1
C2750	B- 1
C2751	B- 1
C2752	B- 1
C2759	B- 3
C2760	B- 3
C2761	A- 2
C2762	B- 2
C2763	A- 3
C2764	A- 3
C2765	A- 3
C2766	B- 3
C2767	A- 3
C2768	A- 3
C2769	B- 2
C2770	B- 3
C2773	A- 2
C2774	A- 2

SYMBOL NO.	ADDRESS
C2775	B- 2
D2715	B- 3
D2716	B- 1
D2729	B- 3
D2730	B- 3
D2731	A- 3
D2732	B- 3
D2733	B- 3
D2734	A- 3
D2735	A- 3
D2736	A- 3
D2737	B- 3
D2738	B- 3
D2739	B- 3
D2740	B- 3
IC2701	A- 3
IC2702	B- 3
IC2703	A- 3
IC2704	B- 3
J2701	B- 1
J2702	A- 1
J2703	B- 1
J2704	B- 2
L2704	B- 2
L2707	B- 3
L2708	B- 1

SYMBOL NO.	ADDRESS
L2709	B- 1
L2710	B- 1
L2713	B- 2
L2714	B- 2
L2715	B- 3
NB	B- 3
NG	B- 2
NS	B- 3
Q2701	B- 2
R2710	A- 2
R2712	A- 1
R2713	A- 1
R2716	B- 2
R2717	B- 1
R2718	B- 1
R2719	B- 1
R2720	B- 1
R2721	B- 1
R2722	B- 2
R2723	B- 1
R2724	B- 3
R2725	B- 3
R2726	B- 2
R2727	B- 2
R2728	A- 2
R2729	B- 2
RJ2701	B- 1

PCB-CONNECTOR (HS-761V(E)/V(GY))

SYMBOL NO.	ADDRESS
C2601	B- 2
C2602	A- 2
C2603	B- 2
C2604	A- 3
C2605	B- 2
C2606	A- 2
C2607	A- 1
C2608	A- 1
C2609	A- 2
C2610	A- 2
C2611	B- 3
C2612	A- 2
C2613	B- 3
C2614	A- 3
C2615	A- 3
C2616	B- 3
C2617	B- 2
C2618	B- 2
C2619	B- 3
C2620	A- 3
C2621	A- 3
C2622	A- 1
C2623	B- 1
C2624	A- 4
C2625	A- 4
C2626	A- 4
C2627	B- 4
C2628	B- 4
C2629	A- 3
C2630	B- 3

SYMBOL NO.	ADDRESS
C2631	B- 3
C2632	B- 4
C2633	A- 2
C2634	A- 1
C2635	A- 1
C2636	A- 1
C2637	A- 1
C2638	B- 1
C2639	A- 1
C2640	B- 1
C2641	A- 1
C2642	B- 2
C2643	B- 1
C2644	B- 1
C2645	B- 1
C2646	B- 1
C2647	B- 1
C2648	B- 1
C2649	B- 1
C2650	B- 1
C2651	B- 1
C2652	B- 2
C2653	B- 3
C2654	B- 3
C2655	B- 3
D2601	A- 2
D2602	A- 2
D2603	B- 2
D2604	A- 2

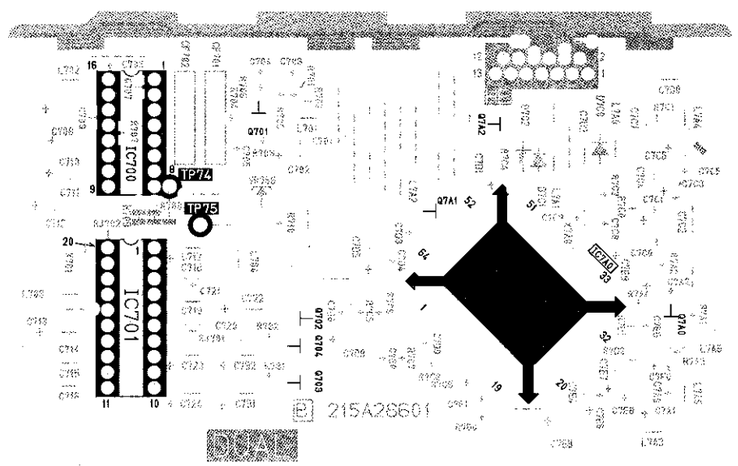
SYMBOL NO.	ADDRESS
D2605	A- 2
D2606	A- 2
D2607	A- 2
D2608	A- 2
D2609	A- 4
D2610	A- 3
D2611	A- 3
D2612	A- 3
D2613	B- 3
D2614	B- 3
D2615	B- 2
D2616	B- 1
D2623	B- 3
D2624	B- 3
D2625	B- 2
IC2601	B- 2
IC2602	B- 3
IC2603	A- 4
IC2604	B- 3
IC2605	A- 3
J2601	B- 1
J2602	A- 1
J2703	B- 1
J2704	B- 2
L2601	B- 3
L2602	B- 2
L2603	B- 3

SYMBOL NO.	ADDRESS
L2604	B- 2
L2605	B- 2
L2606	B- 2
L2607	B- 3
L2608	B- 1
L2609	B- 1
L2610	B- 1
L2611	A- 1
L2612	A- 1
NB	B- 3
NG	B- 2
NS	B- 3
Q2601	A- 2
Q2602	B- 3
Q2603	B- 1
Q2604	B- 1
Q2605	B- 2
R2601	A- 2
R2602	A- 3
R2603	A- 3
R2604	B- 3
R2605	B- 3
R2606	B- 3
R2607	B- 3
R2608	B- 3
R2609	B- 2
R2610	A- 2

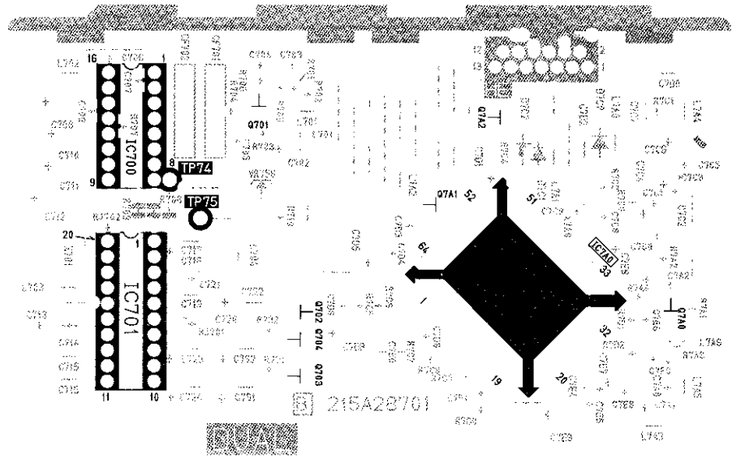
SYMBOL NO.	ADDRESS
R2612	A- 1
R2613	A- 1
R2614	A- 1
R2615	A- 1
R2616	B- 2
R2617	B- 1
R2618	B- 1
R2619	B- 1
R2620	B- 1
R2621	B- 1
R2622	B- 2
R2623	B- 3
R2624	A- 1
R2625	A- 1
R2627	B- 4
R2628	A- 3
R2629	A- 1
R2630	A- 1
R2631	B- 3
R2632	B- 3
R2633	B- 1
R2634	B- 1
R2635	A- 3
R2636	A- 3

ADDRESS
B- 1
B- 1
B- 2
B- 2
B- 3
B- 3
B- 2
B- 3
B- 2
A- 2
A- 1
A- 1
B- 2
B- 1
B- 1
B- 1
B- 1
B- 1
B- 2
B- 1
B- 3
B- 3
B- 2
B- 2
A- 2
B- 2
B- 1

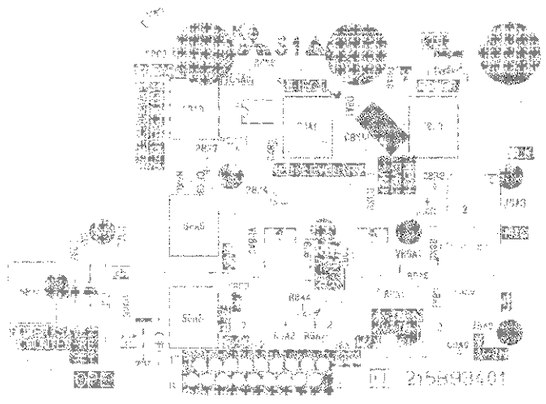
PCB-DUAL (HS-761V(B)/V(IR))



PCB-DUAL (HS-761V(E)/V(GY)



PCB-OPE (COMMON)



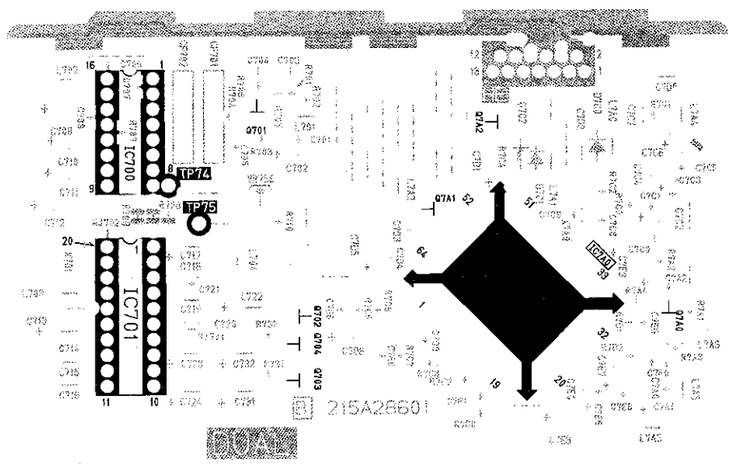
ADDRESS
A- 2
A- 2
A- 2
A- 2
A- 4
A- 3
A- 3
A- 3
B- 3
B- 3
B- 2
B- 1
B- 3
B- 2
B- 2
B- 3
A- 4
B- 3
A- 3
B- 1
A- 1
B- 1
B- 2
B- 3
B- 2
B- 3

SYMBOL NO.	ADDRESS
L2604	B- 2
L2605	B- 2
L2606	B- 2
L2607	B- 3
L2608	B- 1
L2609	B- 1
L2610	B- 1
L2611	A- 1
L2612	A- 1
NB	B- 3
NG	B- 2
NS	B- 3
Q2601	A- 2
Q2602	B- 3
Q2603	B- 1
Q2604	B- 1
Q2605	B- 2
R2601	A- 2
R2602	A- 3
R2603	A- 3
R2604	B- 3
R2605	B- 3
R2606	B- 3
R2607	B- 3
R2608	B- 3
R2609	B- 2
R2610	A- 2

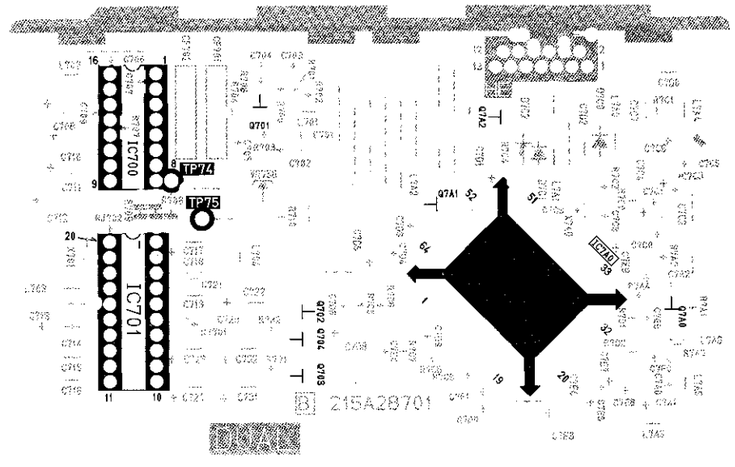
SYMBOL NO.	ADDRESS
R2612	A- 1
R2613	A- 1
R2614	A- 1
R2615	A- 1
R2616	B- 2
R2617	B- 1
R2618	B- 1
R2619	B- 1
R2620	B- 1
R2621	B- 1
R2622	B- 2
R2623	B- 3
R2624	A- 1
R2625	A- 1
R2627	B- 4
R2628	A- 3
R2629	A- 1
R2630	A- 1
R2631	B- 3
R2632	B- 3
R2633	B- 1
R2634	B- 1
R2635	A- 3
R2636	A- 3

ADDRESS
B- 1
B- 1
B- 2
B- 2
B- 3
B- 3
B- 2
B- 3
B- 2
A- 2
A- 1
A- 1
B- 2
B- 1
B- 1
B- 1
B- 1
B- 1
B- 2
B- 1
B- 3
B- 3
B- 2
B- 2
A- 2
B- 2
B- 1

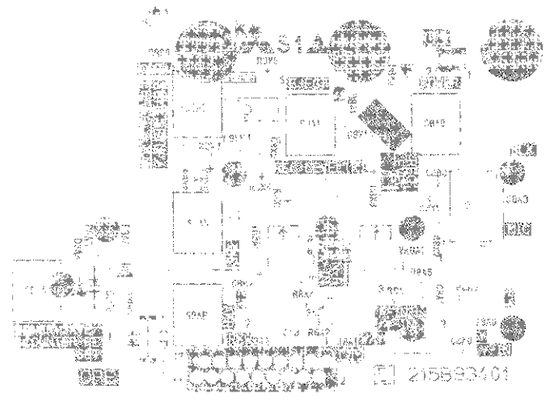
PCB-DUAL (HS-761V(B)/V(IR))



PCB-DUAL (HS-761V(E)/V(GY)



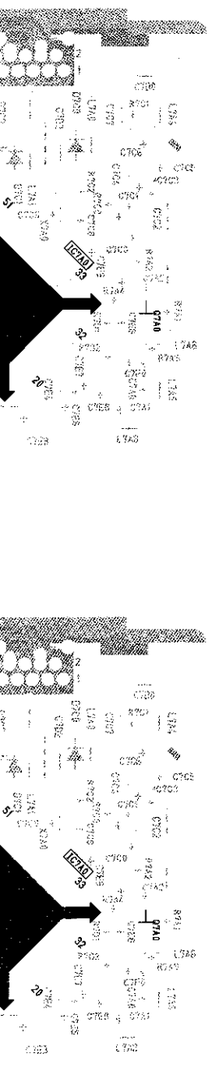
PCB-OPE (COMMON)



ADDRESS
A- 2
A- 2
A- 2
A- 2
A- 4
A- 3
A- 3
A- 3
B- 3
B- 3
B- 2
B- 1
B- 3
B- 3
B- 2
B- 2
B- 3
A- 4
B- 3
A- 3
B- 1
A- 1
B- 1
B- 2
B- 3
B- 2
B- 3

SYMBOL NO.	ADDRESS
L2604	B- 2
L2605	B- 2
L2606	B- 2
L2607	B- 3
L2608	B- 1
L2609	B- 1
L2610	B- 1
L2611	A- 1
L2612	A- 1
NB	B- 3
NG	B- 2
NS	B- 3
Q2601	A- 2
Q2602	B- 3
Q2603	B- 1
Q2604	B- 1
Q2605	B- 2
R2601	A- 2
R2602	A- 3
R2603	A- 3
R2604	B- 3
R2605	B- 3
R2606	B- 3
R2607	B- 3
R2608	B- 3
R2609	B- 2
R2610	A- 2

SYMBOL NO.	ADDRESS
R2612	A- 1
R2613	A- 1
R2614	A- 1
R2615	A- 1
R2616	B- 2
R2617	B- 1
R2618	B- 1
R2619	B- 1
R2620	B- 1
R2621	B- 1
R2622	B- 2
R2623	B- 3
R2624	A- 1
R2625	A- 1
R2627	B- 4
R2628	A- 3
R2629	A- 1
R2630	A- 1
R2631	B- 3
R2632	B- 3
R2633	B- 1
R2634	B- 1
R2635	A- 3
R2636	A- 3



PCB-OPE (COMMON)