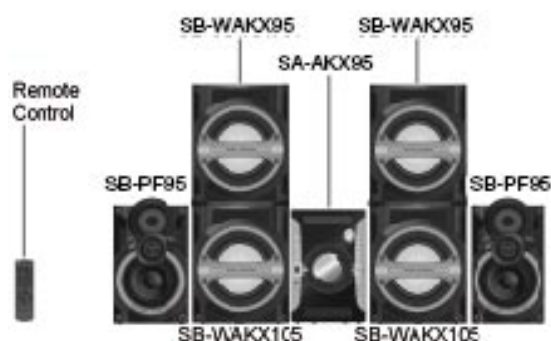


Service Manual

CD Stereo System

Model No. **SA-AKX95LMK**

Product Color: (K)...Black Type



Please refer to the original service manual for:

- CD Mechanism Unit (BRS11C), Order No. PSG1201019AE
- Speaker system SB-AKX95LM-K, Order No. PMX1208009CE

WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by  in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

Please refer to the original service manual for:

CD Mechanism Unit (BRS11C), Order No. PSG1201019AE

● Speaker system SB-AKX95LM-K, Order No. PMX1208009CE

●

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1 Safety Precautions

1.1. General Guidelines

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, carry out the following leakage current checks to prevent the customer from being exposed to shock hazards.

1.1.1. Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between $1\text{M}\Omega$ and $5.2\text{M}\Omega$.

When the exposed metal does not have a return path to the chassis, the reading must be ∞

1.1.2. Leakage Current Hot Check

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a $1.5\text{k}\Omega$, 10 watts resistor, in parallel with a $0.15\mu\text{F}$ capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

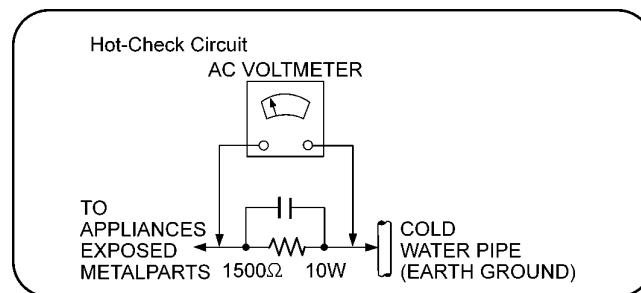


Figure 1

1.3. Before Repair and Adjustment

Disconnect AC power to discharge unit AC Capacitors as such (C5700, C5701, C5704, C5705, C5708) through a 10 Ω , 10 W resistor to ground.

Caution:

DO NOT SHORT-CIRCUIT DIRECTLY (with a screwdriver blade, for instance), as this may destroy solid state devices.

After repairs are completed, restore power gradually using a variac, to avoid overcurrent.

Current consumption at AC ~127 V, 60 Hz in Power ON, FM Tuner, No Signal, volume minimal mode should be ~750mA.

1.4. Protection Circuitry

The protection circuitry may have operated if either of the following conditions are noticed:

- No sound is heard when the power is turned on.
- Sound stops during a performance.

The function of this circuitry is to prevent circuitry damage if, for example, the positive and negative speaker connection wires are "shorted", or if speaker systems with an impedance less than the indicated rated impedance of the amplifier are used.

If this occurs, follow the procedure outlines below:

1. Turn off the power.
2. Determine the cause of the problem and correct it.
3. Turn on the power once again after one minute.

Note:

When the protection circuitry functions, the unit will not operate unless the power is first turned off and then on again.

1.5. Caution For Fuse Replacement

CAUTION:

Replace with the same type fuse:

(Manufacturer: LITTELFUSE, Type: 215, F1, T8AH, 250V)

1.6. Safety Parts Information

Safety Parts List:

There are special components used in this equipment which are important for safety.

These parts are marked by ⚠ in the Schematic Diagrams, Exploded View & Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

Modelo: SC-AKX95LM-K

Safety	Nombre del componente	Número de Parte
⚠	CABLE TOMACORRIENTE.	K2CB2YY00059
⚠	CONECTOR TOMACORRIENTE	K2AB2B000007
⚠	TRANSFORMADOR DE PODER	G4DYZ0000062
⚠	TRANSFORMADOR DE RESPALDO	ETS19AB2E6AG
⚠	FUSIBLE PRIMARIO	K5D802BNA005
⚠	ZNR	ERZV05Z471CS
⚠	CAPACITOR DE AC	F1BAF1020020
⚠	CAPACITOR DE AC	F0CAF224A105
⚠	CAPACITOR DE AC	F1BAF471A013
⚠	OPTOACOPLADOR	B3PBA0000579
⚠	PCB SMPS	RJB3573A
⚠	BOBINA PRIMARIO	G0B932H00002
⚠	GAB. MET. SIN DOBLAR	RKMX1011Z-KL
⚠	BRS1.1C CD UNIT	RD-DDL100-PX
⚠	REAR PANEL	RXTM0002J-A
⚠	INSTRUCTIVO	RQTM0190
⚠	OPTOACOPLADOR	B3PBA0000503

Nota: El Optoacoplador B3PBA0000503
cambiara por el B3PBA0000597 con la TI
A12031 Running Change

2 Warning

2.1. Prevention of Electrostatic Discharge (ESD) to Electrostatic Sensitive (ES) Devices

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

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

Caution:

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

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

2.2. Precaution of Laser Diode

CAUTION:

THIS PRODUCT UTILIZES A LASER.

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

Caution:

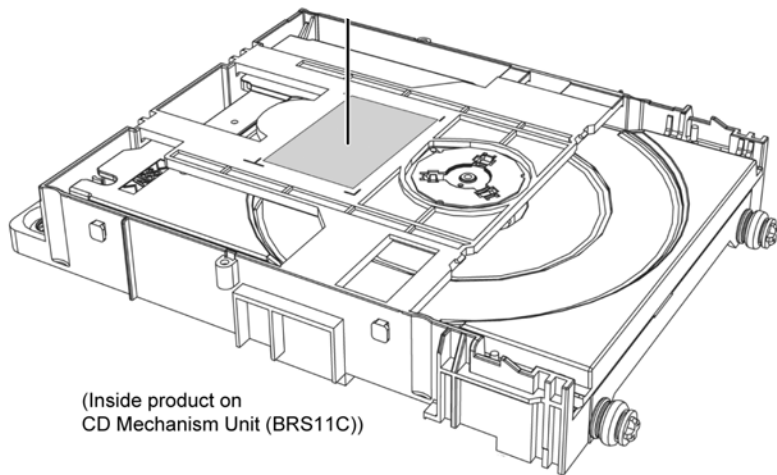
This product utilizes a laser diode with the unit turned "on", invisible laser radiation is emitted from the pickup lens.

Wavelength: 790 nm (CD)

Maximum output radiation power from pickup: 100 μ W/VDE

Laser radiation from the pickup unit is safety level, but be sure the followings:

1. Do not disassemble the pickup unit, since radiation from exposed laser diode is dangerous.
2. Do not adjust the variable resistor on the pickup unit. It was already adjusted.
3. Do not look at the focus lens using optical instruments.
4. Recommend not to look at pickup lens for a long time.



(Inside product on
CD Mechanism Unit (BRS11C))

2.3. Service caution based on Legal restrictions

2.3.1. General description about Lead Free Solder (PbF)

The lead free solder has been used in the mounting process of all electrical components on the printed circuit boards used for this equipment in considering the globally environmental conservation.

The normal solder is the alloy of tin (Sn) and lead (Pb). On the other hand, the lead free solder is the alloy mainly consists of tin (Sn), silver (Ag) and Copper (Cu), and the melting point of the lead free solder is higher approx.30 degrees C (86°F) more than that of the normal solder.

Definition of PCB Lead Free Solder being used

The letter of "PbF" is printed either foil side or components side on the PCB using the lead free solder.

(See right figure)

PbF

Service caution for repair work using Lead Free Solder (PbF)

- The lead free solder has to be used when repairing the equipment for which the lead free solder is used.
(Definition: The letter of "PbF" is printed on the PCB using the lead free solder.)
- To put lead free solder, it should be well molten and mixed with the original lead free solder.
- Remove the remaining lead free solder on the PCB cleanly for soldering of the new IC.
- Since the melting point of the lead free solder is higher than that of the normal lead solder, it takes the longer time to melt the lead free solder.
- Use the soldering iron (more than 70W) equipped with the temperature control after setting the temperature at 350±30 degrees C (662±86°F).

Recommended Lead Free Solder (Service Parts Route.)

- The following 3 types of lead free solder are available through the service parts route.
 - RFKZ03D01K----- (0.3mm 100g Reel)
 - RFKZ06D01K----- (0.6mm 100g Reel)
 - RFKZ10D01K----- (1.0mm 100g Reel)

Note

* Ingredient: tin (Sn), 96.5%, silver (Ag) 3.0%, Copper (Cu) 0.5%, Cobalt (Co) / Germanium (Ge) 0.1 to 0.3%

2.4. Handling Precautions for Traverse Unit

The laser diode in the optical pickup unit may break down due to static electricity of clothes or human body. Special care must be taken avoid caution to electrostatic breakdown when servicing and handling the laser diode in the traverse unit.

2.4.1. Cautions to Be Taken in Handling the Optical Pickup Unit

The laser diode in the optical pickup unit may be damaged due to electrostatic discharge generating from clothes or human body. Special care must be taken avoid caution to electrostatic discharge damage when servicing the laser diode.

1. Do not give a considerable shock to the optical pickup unit as it has an extremely high-precise structure.
2. To prevent the laser diode from the electrostatic discharge damage, the flexible cable of the optical pickup unit removed should be short-circuited with a short pin or a clip.
3. The flexible cable may be cut off if an excessive force is applied to it. Use caution when handling the flexible cable.
4. The antistatic FPC is connected to the new optical pickup unit. After replacing the optical pickup unit and connecting the flexible cable, cut off the antistatic FPC.

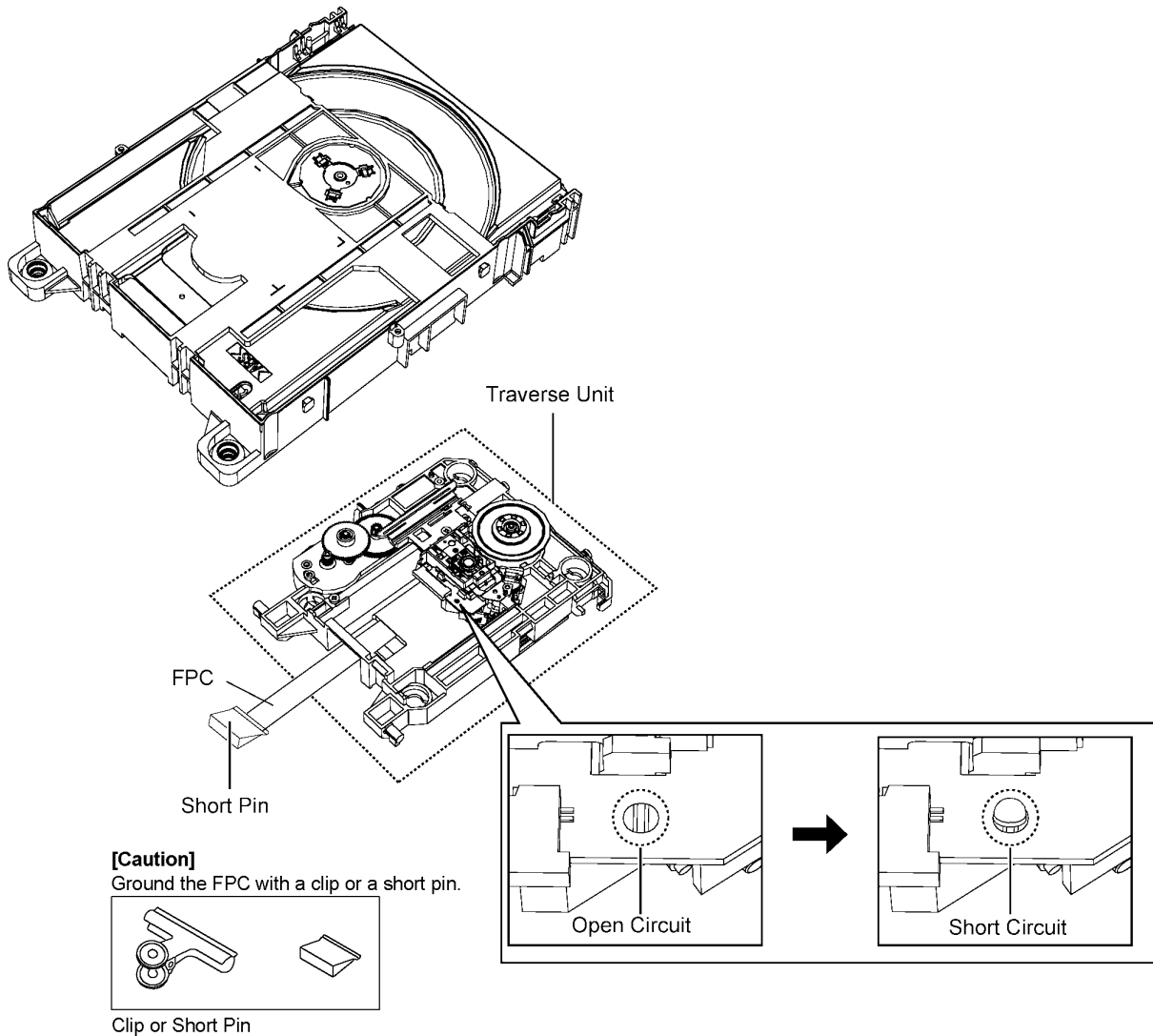


Figure A

2.4.2. Grounding for electrostatic breakdown prevention

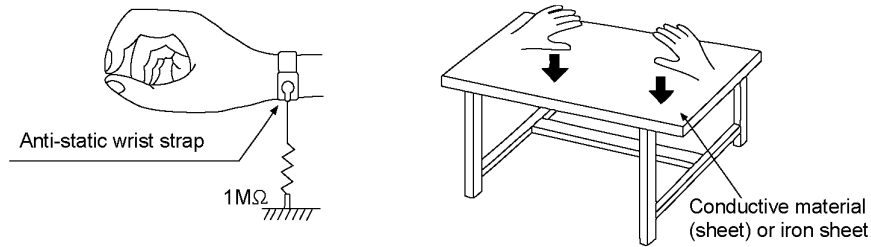
Some devices such as the DVD player use the optical pickup (laser diode) and the optical pickup will be damaged by static electricity in the working environment. Proceed servicing works under the working environment where grounding works is completed.

2.4.2.1. Worktable grounding

1. Put a conductive material (sheet) or iron sheet on the area where the optical pickup is placed, and ground the sheet.

2.4.2.2. Human body grounding

1. Use the anti-static wrist strap to discharge the static electricity form your body.



3 Service Navigation

3.1. Service Information

This service manual contains technical information which will allow service personnel's to understand and service this model. Please place orders using the parts list and not the drawing reference numbers.

If the circuit is changed or modified, this information will be followed by supplement service manual to be filed with original service manual.

- **CD Mechanism Unit (BRS11C):**

1) This model uses CD Mechanism Unit (BRS11C).

- **Micro-processor:**

1) The following components are supplied as an assembled part.

- Micro-processor IC, IC2003 (MN101EF16KXW) Este material se encuentra sin programar, debe ser programado.

- **Speaker System:**

1) This model uses Speaker System, SB-AKX95LM-K.

4 Specifications

Potencia de salida RMS en modo estéreo

1380 W (10% THD)
1800 W (30% THD)

Potencia de salida PMPO 19800 W

Sección del sintonizador, terminales

Emisoras preconfiguradas 30 emisoras de FM
15 emisoras de AM

Frecuencia modulada (FM)

Gama de frecuencias
87,5 MHz a 108,0 MHz (en pasos de 100 kHz)
87,9 MHz a 107,9 MHz (en pasos de 200 kHz)

Terminales de la antena 75 Ω (desbalanceado)

Amplitud modulada (AM)

Gama de frecuencias
520 kHz a 1710 kHz (en pasos de 10 kHz)

Toma de micrófono

Sensibilidad 0,7 mV, 1,1 k Ω
Terminal Mono, toma de 3,5 mm (1 sistema)

Puerto de música (frontal)

Sensibilidad 100 mV, 4,7 k Ω
Terminal Estéreo, toma de 3,5 mm

Entrada AUX Clavija jack RCA

Sección de discos compactos

Discos reproducidos (8 cm o 12 cm)

CD, CD-R/RW (CD-DA, MP3*)

Lector

Longitud de onda 790 nm (CD)

Salida de audio (Disco)

Número de canales 4.4 canales (FL, FR, SL, SR, SW)
FL = Canal frontal izquierdo
FR = Canal frontal derecho
SL = Canal sonido envolvente izquierdo
SR = Canal sonido envolvente derecho
SW = Canal de subwoofer

* MPEG-1 Layer 3

Sección de memoria interna

Memoria

Tamaño de la memoria 4 GB
Compatibilidad con formato de archivos de medios
MP3 (*.mp3)

Cómo grabar en la memoria

Velocidad de bits 128 kbps
Velocidad de grabación en la memoria
1x, 3x máx. (CD solamente)
Formato de archivo de grabación MP3 (*.mp3)
Capacidad total de canciones grabadas 1000 canciones
(usa 128 kbps, aproximadamente
1 canción = 4 minutos)

Sección de USB

Puerto USB

USB estándar USB 2,0 velocidad total
Compatibilidad con formato de archivos de medios
MP3 (*.mp3)

Sistema de archivo de dispositivo USB

FAT12, FAT16, FAT32

Energía puerto USB 500 mA (máx.)

Velocidad de bits 16 kbps a 320 kbps
(reproducción)

Cómo grabar en el USB

Velocidad de bits 128 kbps
Velocidad de grabación USB 1x, 3x máx (CD solamente)
Formato de archivo de grabación MP3 (*.mp3)

Generalidades

Fuente de alimentación ~ 127 V, 60 Hz

Consumo de energía

190 W

Dimensiones (An x Al x Prf) 220 mm x 334 mm x 245 mm

Peso 3,7 kg

Gama de temperaturas de funcionamiento

0°C a +40°C

Gama de humedades de funcionamiento

35% a 80% humedad relativa
(sin condensación)

Consumo de energía en modo de espera

6,9Wh/día (considerando 23 horas en modo de espera al día).

Nota:

- Las especificaciones están sujetas a cambios sin previo aviso.
- El peso y las dimensiones son aproximados.
- La distorsión armónica total se mide con el analizador de espectro digital.

5 General/Introduction

5.1. Media Information

NOTE on MP3

- Files are treated as tracks and folders are treated as albums.
- This unit can access up to 999 tracks, 255 albums and 20 sessions.
- Disc must conform to ISO9660 level 1 or 2 (except for extended formats).
- To play in a certain order, prefix the folder and file names with 3-digits numbers in the order you want to play them.

Limitations on MP3 play

- If you have recorded MP3 on the same disc as CD-DA, only the format recorded in the first session can be played.
- Some MP3s may not be played due to the condition of the disc or recording.
- Recordings will not necessarily be played in the order you recorded them.

NOTE on CDs

- This unit can access up to 99 tracks.
- This unit can play MP3 files and CD-DA format audio CD-R/RW that have been finalized.
- It may not be able to play some CD-R/RW due to the condition of the recording.
- Do not use irregularly shaped disc.
- Do not use disc with labels and stickers that are coming off or with adhesive exuding from under labels and stickers.
- Do not attach extra labels or stickers on the disc.
- Do not write anything on the disc.

NOTE on USB

Compatible devices

- USB mass storage devices that support bulk-only transfer.
- USB mass storage devices that support USB 2.0 full speed.

Supported format

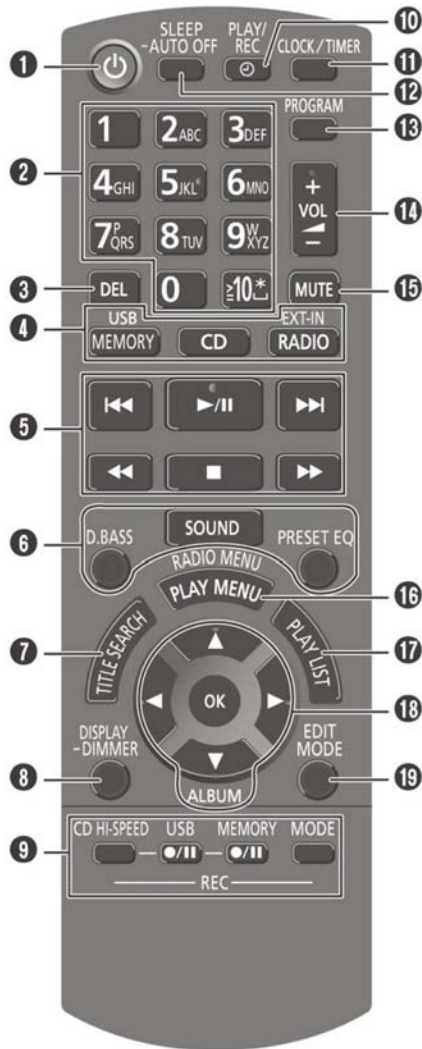
- Folders are defined as album.
- Files are defined as track.
- Track must have the extension ".mp3" or ".MP3".
- CBI (Control/Bulk/Interrupt) is not supported.
- NTFS file system is not supported. (only FAT 12/16/32 file system is supported).
- Some files can fail to work because of the sector size.

Note:

- Maximum album: 255 albums (include albums without MP3 tracks).
- Maximum track: 2500 tracks
- Maximum track in one album: 999 tracks

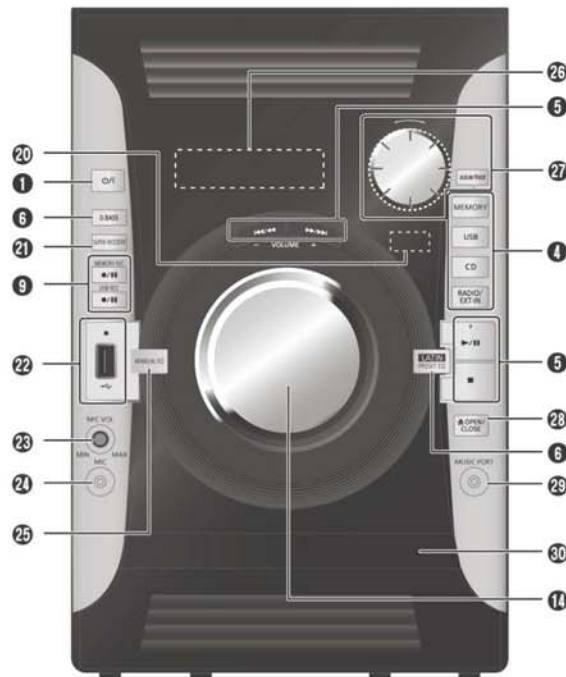
6 Location of Controls and Components

6.1. Remote Control Key Button Operation



- ❶ **Standby/on switch** [⏻], [⏻/⏺]
Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.
- ❷ **Alphanumeric buttons**
To select a 2-digit number
Example: 16: [1] → [6]
To set a character
Example: B: [2] → [2]
- ❸ **Delete a programmed track**
Delete a selected track in a playlist
- ❹ **Select audio source**
- ❺ **Basic playback control**
- ❻ **Select the sound effects**
- ❼ **Start the title search for internal memory**
- ❽ **View content information**
Decrease the brightness of the display panel
Press and hold the button to use this function.
To cancel, press and hold the button again.
- ❾ **Recording operation control**
- ❿ **Set the play timer and record timer**
- ⓫ **Set the clock and timer**
- ⓬ **Set the sleep timer**
Automatically switch off the system
When you are in disc, USB or internal memory source, the auto off function switches off the system if you do not use the system for 30 minutes.
Press and hold the button to use this function.
To cancel, press and hold the button again.
- ⓭ **Set the program function**
- ⓮ **Adjust the volume of the system**
- ⓯ **Mute the sound of the system**
Press the button again to cancel.
"MUTE" is also canceled when you adjust the volume or when you switch off the system.
- ⓰ **Set the play menu item**
Set the radio menu item
- ⓱ **Make playlist for internal memory**
- ⓲ **Select the option**
- ⓳ **Set the edit mode for USB or internal memory**

6.2. Main Unit Key Button Operation



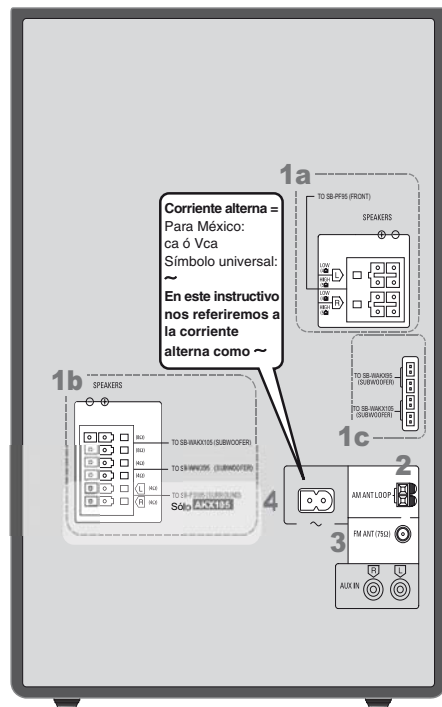
- 1 Standby/on switch** [⏻], [⏻/⏹]
Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.
- 4** Select audio source
- 5** Basic playback control
- 6** Select the sound effects
- 9** Recording operation control
- 14** Adjust the volume of the system
- 20** Remote control sensor
- 21** Set Super Woofer function
- 22** USB port (🔌)
USB recording indicator
- 23** Adjust the volume of the microphone
- 24** Microphone jack
- 25** Select the bass, mid or treble effect
- 26** Display panel
- 27 Browse tracks or albums**
 - CD**
Turn the knob to browse the track.
Press [▶/⏸] to start playback from the selection.
 - MP3**
Press [ALBUM/TRACK] to select album or track and then turn the knob to browse.
Press [▶/⏸] to start playback from the selection.
- 28** Open or close the disc tray
- 29** Music port jack
- 30** Disc tray

7 Installation Instructions

7.1. Speaker and A/C Connection

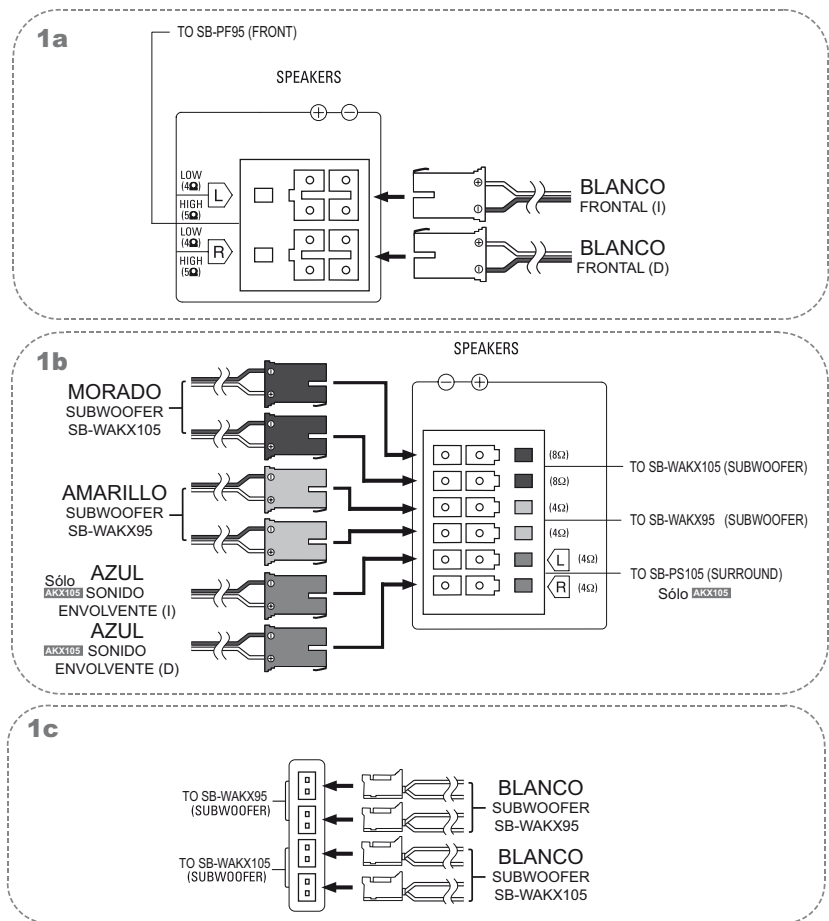
Cómo realizar las conexiones

Conecte el cable de alimentación de ~ sólo después de haber hecho todas las demás conexiones.



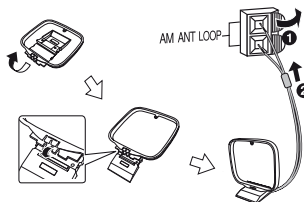
1 Conecte los bafles.

Conecte los cables de los bafles a los terminales del mismo color.



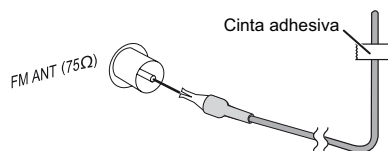
2 Conecte la antena de cuadro AM.

Ponga la antena en posición vertical sobre su base hasta que haga clic.

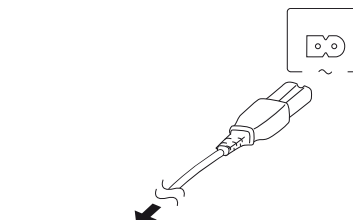


3 Conecte la antena interior FM.

Coloque la antena donde la recepción sea la mejor.



4 Conecte el cable de alimentación de ~



Al enchufe de conexión a la red de ~

Si el enchufe de alimentación no se puede conectar en la toma de corriente, utilice un adaptador de clavija de alimentación (No suministrado)

8 Service Mode

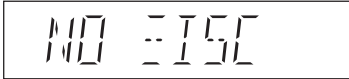
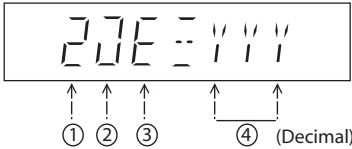
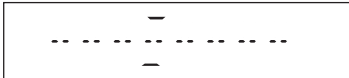
8.1. Cold-Start

Here is the procedure to carry out cold-start or initialize to shipping mode.

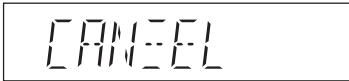
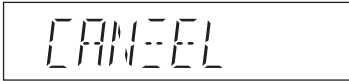
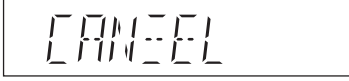
1. Unplug AC power cord
2. Press & hold [POWER] button
3. Plug AC power cord while [POWER] button being pressed
FL Display will show “ _ _ _ _ _ _ _ _ ”
4. Release [POWER] button

.2. Doctor Mode Table

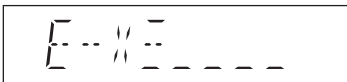
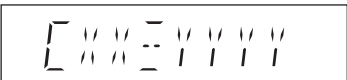
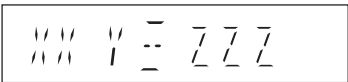
8.2.1. Doctor Mode Table 1

Item		FL Display	Key Operation
Mode Name	Description		Front Key
Doctor Mode	To enter into Doctor Mode		In CD Mode: 1. Press [■] button on main unit follow by [4] and [7] on remote control. 2. To exit, press [DELETE] button on remote control or, press [POWER, ⓪/I] button on Main Unit
EEPROM checksum check	Displaying of 1. Year Develop. 2. Model Type. 3. ROM Type. 4. Firmware Version.	 Version No. (001 ~ 999) → specific for each firmware	In CD mode: 1. Enter Doctor Mode
Cold Start	To active cold start upon next AC power up when reset start is execute the next time .		In Doctor Mode : 1. Press [SLEEP] button on remote control.

8.2.2. Doctor Mode Table 2

Item		FL Display	Key Operation
Mode Name	Description		Front Key
Volume Setting Check	To check the volume setting of a main unit.	 Press [7]: VOL50 Press [8]: VOL35 Press [9]: VOL0	In Doctor Mode : 1. Press [7], [8], [9] button on remote control.
FL Display Check	To check the FL segment display All segment will light up while all LED blink at 0.5s, intervals.(if any)		In Doctor mode : 1. Press [1] button on remote control. 2. To cancel, press [0] on remote control.
BRS11C Reliability Test (Traverse)	To determine CD Mechanism BRS11C Access Inner & Outer disc operation. In this mode,ensure the CD is in the main unit. Note: Refer to Section 8.3 Fig 2. for process flow .	 The counter will increment by one . When reach 9999 will change to 0000 Cancellation Display 	In Doctor Mode : 1. Press [10]→[1]→[2] button on remote control. 2. To cancel, press [0] on remote control.
BRS11C Reliability Test (Combination)	To determine CD Mechanism Unit (BRS11C) Open/Close & Access Inner & Outer Disc Operation. In this mode,ensure the CD is in the main unit. Note: Refer to Section 8.3 Fig 3. for process flow .	 The counter will increment by one . When reach 9999 will change to 0000 Cancellation Display 	In Doctor Mode : 1. Press [10]→[1]→[5] button on remote control. 2. To cancel, press [0] on remote control.
BRS11C Reliability Test (Loading)	To determine CD Mechanism Unit (BRS11C) Open/Close operation. In this mode, the tray will open & close. Note: Refer to Section 8.3 Fig 1 for process flow .	 The counter will increment by one . When reach 9999 will change to 0000 Cancellation Display 	In Doctor Mode : 1. Press [10]→[2]→[1] button on remote control. 2. To cancel, press [0] on remote control.

8.2.3. Doctor Mode Table 3

Item		FL Display	Key Operation																																																																		
Mode Name	Description		Front Key																																																																		
CD Self- Adjustment (AJST) Result Display	i. Function: To display result of self-adjustment for CD . • This is used for servicing and analysis.	 ↑ Display of auto adjustment result Reference table: <table><tr><th>ERROR Code Status Condition</th><th>0</th><th>1</th><th>2</th><th>4</th><th>6</th><th>8</th><th>A</th><th>C</th><th>E</th><th>F</th></tr><tr><td>AOC1/AOC2</td><td>O</td><td>※</td><td>O</td><td>O</td><td>O</td><td>O</td><td>O</td><td>O</td><td>O</td><td>-</td></tr><tr><td>ABC2/ABC1</td><td>O</td><td>-</td><td>X</td><td>O</td><td>X</td><td>O</td><td>X</td><td>O</td><td>X</td><td>-</td></tr><tr><td>2nd AOC1</td><td>O</td><td>-</td><td>O</td><td>X</td><td>X</td><td>O</td><td>O</td><td>X</td><td>X</td><td>-</td></tr><tr><td>FAGC/T AGC</td><td>O</td><td>-</td><td>O</td><td>O</td><td>O</td><td>X</td><td>X</td><td>X</td><td>X</td><td>-</td></tr><tr><td>AGC2</td><td>O</td><td>-</td><td>O</td><td>O</td><td>O</td><td>O</td><td>O</td><td>O</td><td>O</td><td>△</td></tr></table> O: OK ; X: NG (In case that time out happens.) ※ Either one of FO AOC, TR AOC and FO coarse AGC is NG . △ If the AGC is NG (ignore others).	ERROR Code Status Condition	0	1	2	4	6	8	A	C	E	F	AOC1/AOC2	O	※	O	O	O	O	O	O	O	-	ABC2/ABC1	O	-	X	O	X	O	X	O	X	-	2 nd AOC1	O	-	O	X	X	O	O	X	X	-	FAGC/T AGC	O	-	O	O	O	X	X	X	X	-	AGC2	O	-	O	O	O	O	O	O	O	△	In Doctor Mode: 1. Press [10]→[1]→[4] button on remote control . 2.To cancel, press [0] on remote control .
ERROR Code Status Condition	0	1	2	4	6	8	A	C	E	F																																																											
AOC1/AOC2	O	※	O	O	O	O	O	O	O	-																																																											
ABC2/ABC1	O	-	X	O	X	O	X	O	X	-																																																											
2 nd AOC1	O	-	O	X	X	O	O	X	X	-																																																											
FAGC/T AGC	O	-	O	O	O	X	X	X	X	-																																																											
AGC2	O	-	O	O	O	O	O	O	O	△																																																											
CD LSI Version Check	For checking CD LSI Version and checksum information.	 ↑ ↑ Version (Decimal) C checksum (Hex) (Display 1)  ↑ ROM Version (Display 2)  ↑ ↑ ↑ Year ROM Version (Decimal) Develop Type after 2 sec	In Doctor Mode : 1. Press [4] button on remote control . 2.To cancel, press [0] on remote control .																																																																		

8.3. Reliability Test Mode (CD Mechanism Unit (BRS11C))

Below is the process flow chart of the aging test for the CD Mechanism Unit (BRS11C).

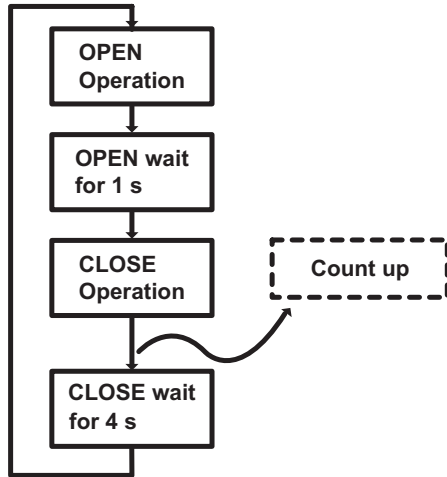


Fig. 1. Reliability Test (Loading)

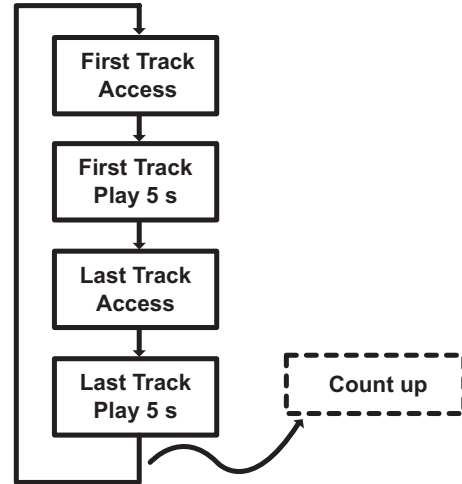


Fig. 2. Reliability Test (Traverse)

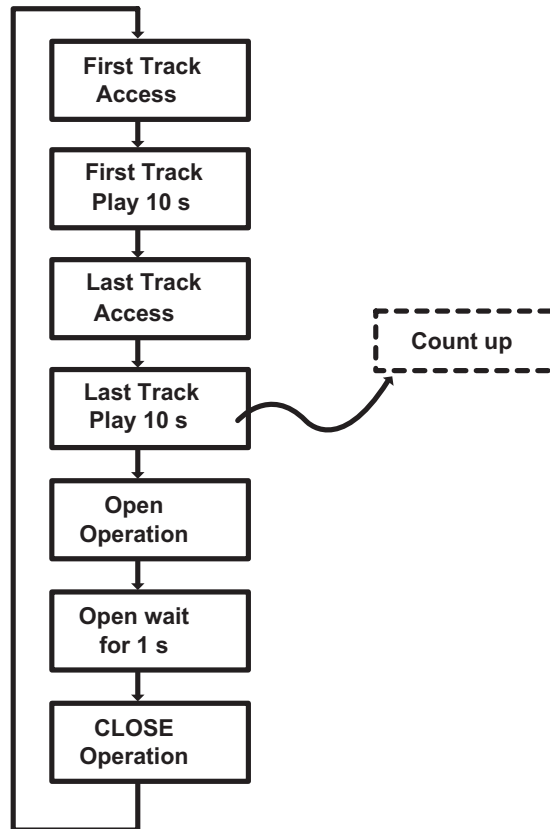
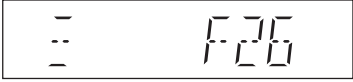


Fig. 3. Reliability Test (Combination)

8.4. Self-Diagnostic Mode

Item		FL Display	Key Operation
Mode Name	Description		Front Key
Self Diagnostic Mode	To enter into self diagnostic checking		Step 1: Select CD mode (Ensure no disc is inserted). Step 2: Press & hold [■] follow by [▶▶/▶▶] on main unit for 2 seconds.
Error code information	System will perform a check on any unusual/error code from the memory	Example: 	Step 1: In self diagnostic mode, Press [■] on main unit. To exit, press [⏻] on main unit or remote control.
Delete error code	To clear the stored in memory (EEPROM IC)		Step 1: In self diagnostic mode, Press [0] on remote control. To exit, press [⏻] on main unit or remote control.

8.5. Self-Diagnostic Error Code Table

Self-Diagnostic Function (Refer Section 8.4. Self-Diagnostic Mode) provides information on any problems occurring for the unit and its respective components by displaying the error codes. These error code such as U**, H** and F** are stored in memory and held unless it is cleared.

The error code is automatically display after entering into self-diagnostic mode.

8.5.1. Power Supply Error Code Table

Error Code	Diagnosis Contents	Description of error	Automatic FL Display	Remarks
F61	Power Amp IC output abnormal	Upon power on, PCONT=HIGH, DC_DET_AMP after checking LSI.		Press [■] on main unit for next error.
F76		DC_DET_PWR		
F61-76		Both DCDET (NG)		
F26		Communication between CD servo LSI and micro-P abnormal (iPod, Radio, USB)		

8.5.2. CD Mechanism Error Code Table (CD Mechanism Unit (BRS11C))

Error Code	Diagnostic Contents	Description of error	Automatic FL Display	Remarks
CD H15	CD Open Abnormal	During operation POS_SW_R On fail to be detected with 4 sec. Error No. shall be clear by force or during cold start.		Press [■] on main unit for next error.
CD H16	CD Closing Abnormal	During operation POS_SW_CEN On fail to be detected with 4 sec. Error No. shall be clear by force or during cold start.		Press [■] on main unit for next error.
F26	Communication between CD servo LSI and micro-p abnormal.	During switch to CD func- tion, if SENSE = "L" within failsafe time of 20ms.		Press [■] on main unit for next error.

8.6. Sales Demonstration Lock Function

8.6.1. Entering into sales Demo Mode

Here is the procedures to enter into Sales Demonstration Lock.

Step 1: Turn on the unit.

Step 2: Select to any mode function.

Step 3: Press [▲OPEN/CLOSE] key then [▶/■] key at the same time, press and hold both [▲OPEN/CLOSE] and [▶/■] keys for 5 sec.

Step 4: The display will show upon entering into this mode for 2 sec..



Note: [▲OPEN/CLOSE] button is invalid and the main unit displays "LOCKED" while the lock function mode is entered.

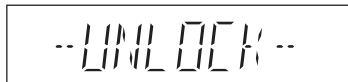
8.6.2. Cancellation

Step 1: Turn on the unit.

Step 2: Select to any mode function.

Step 3: Press [▲OPEN/CLOSE] key then [▶/■] key at the same time, press and hold both [▲OPEN/CLOSE] and [▶/■] keys for 5 sec.

Step 4: The display will show upon entering into this mode for 2 sec..



9.1.2. Main P.C.B. (Front Side)

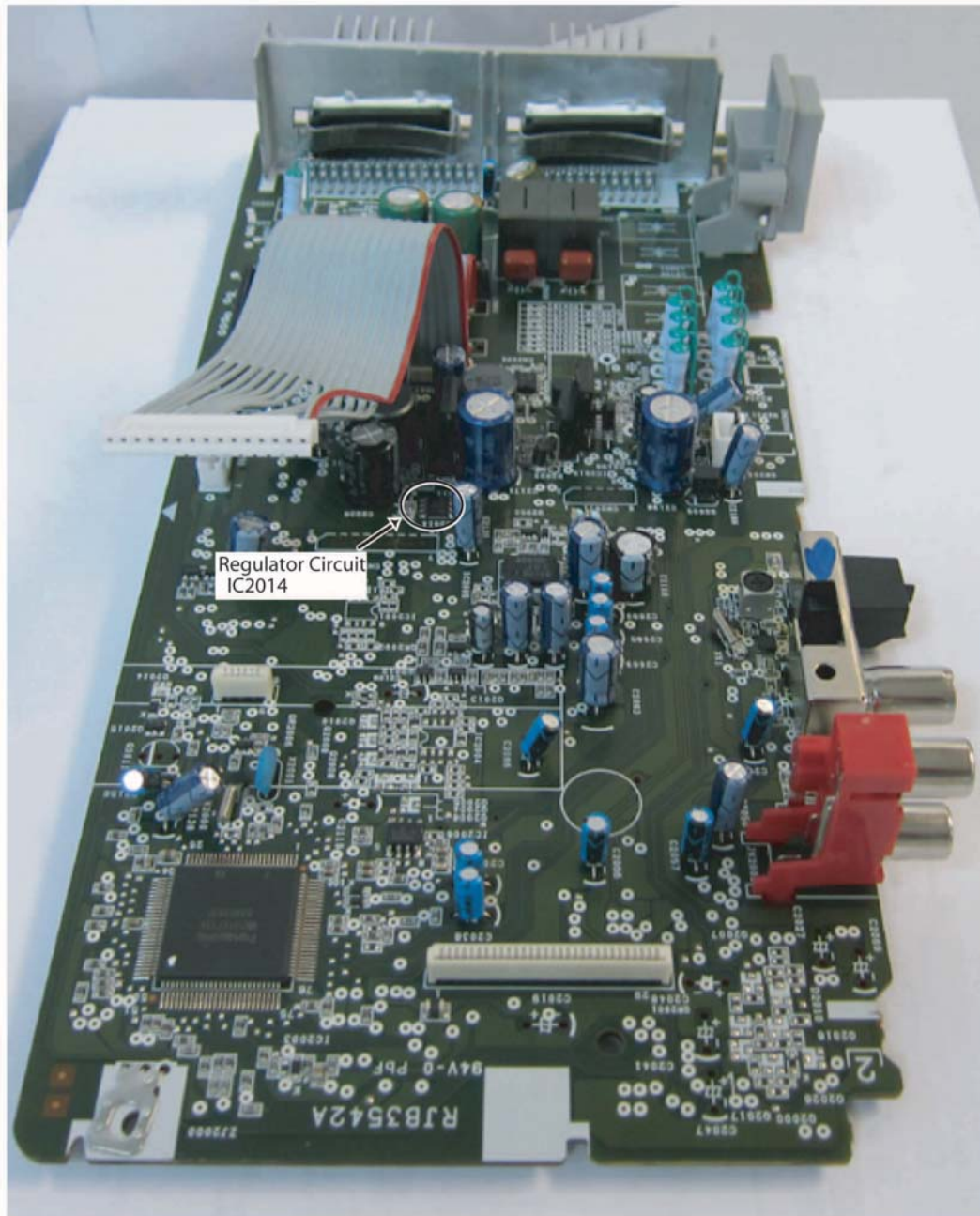


Fig. 2 Main P.C.B. (Front Side)

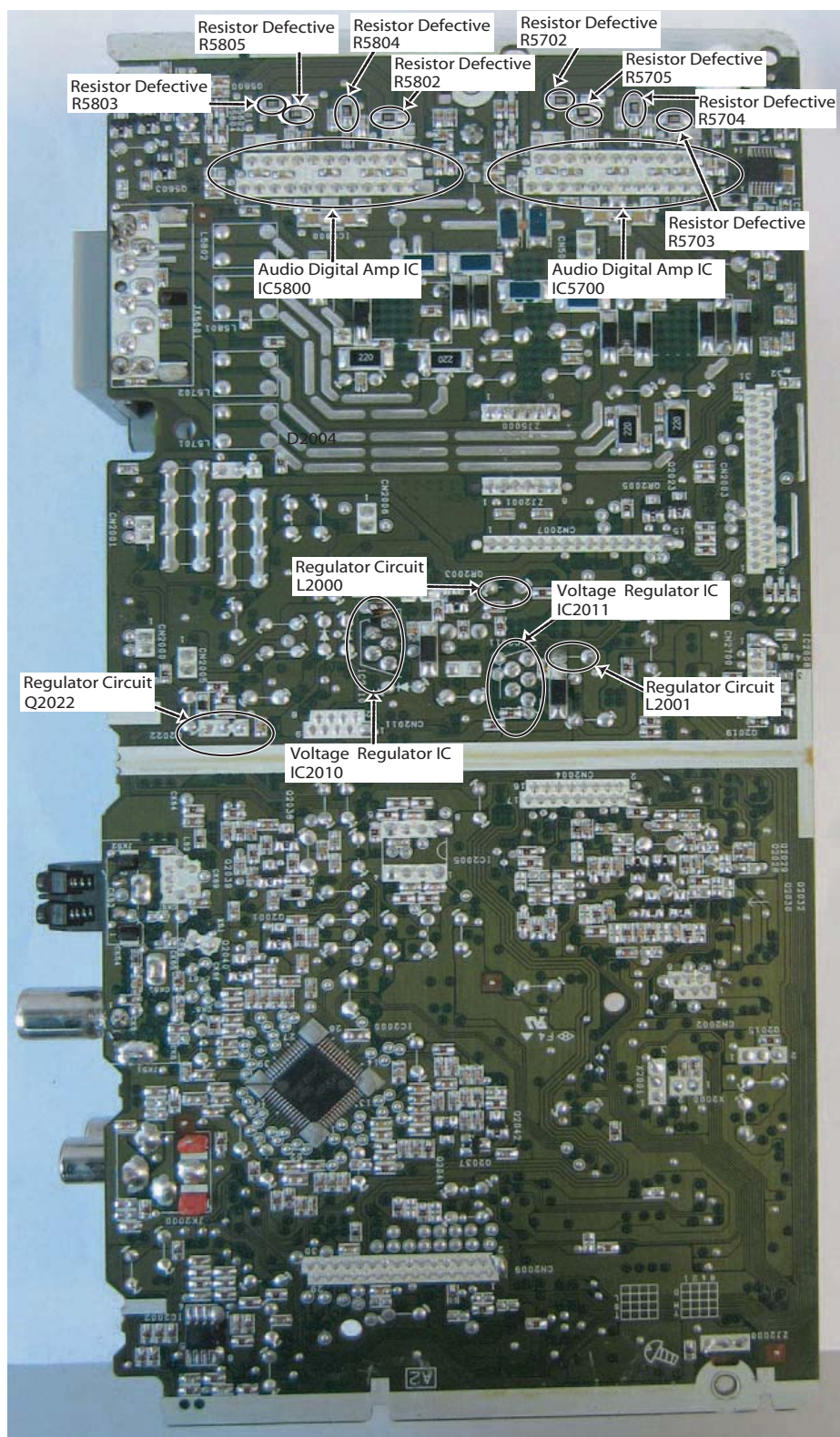


Fig. 3 Main P.C.B. (Back Side)

9.1.3. D-AMP P.C.B.

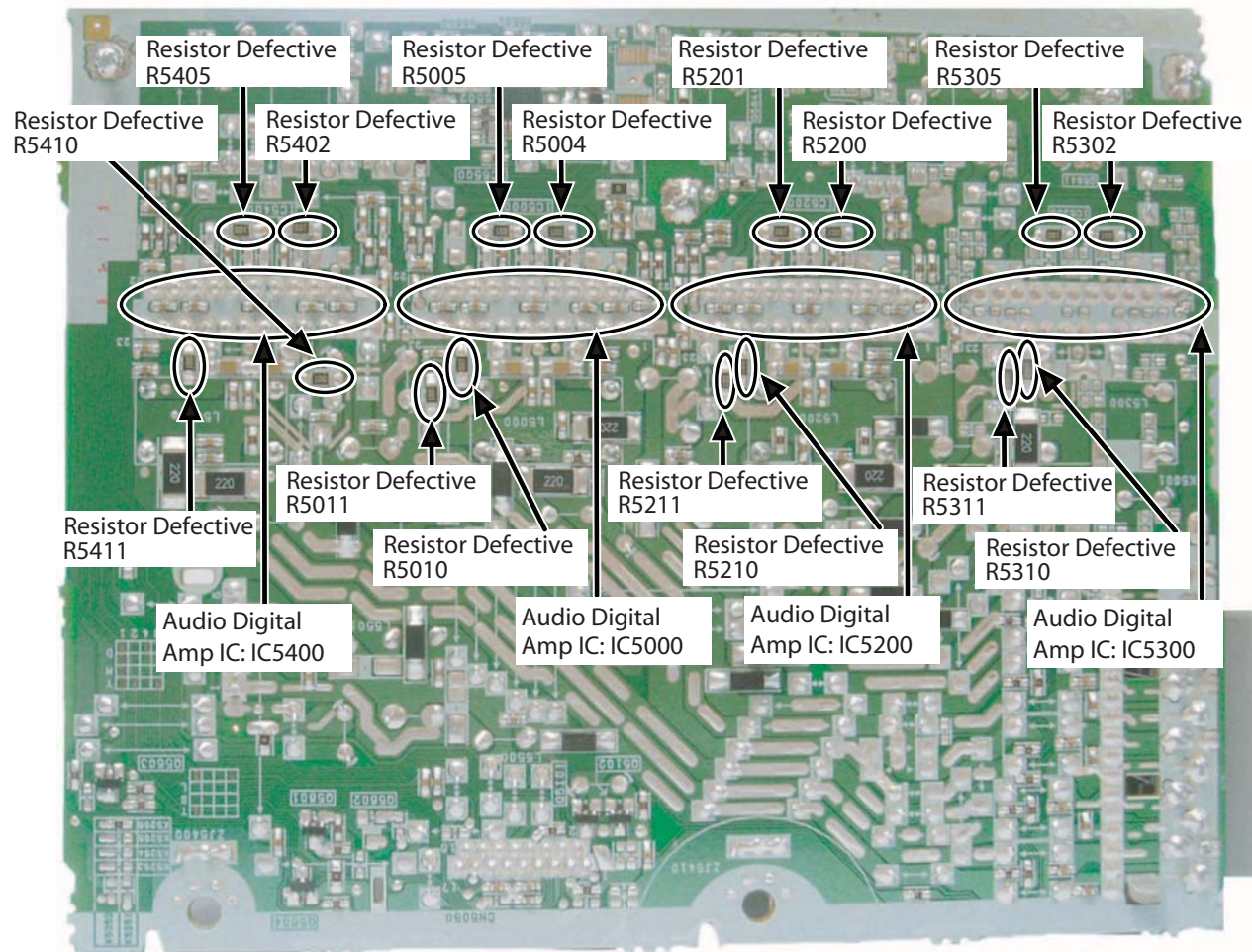


Fig. 4 D-Amp P.C.B.

9.2. Troubleshooting Guide for F61 and/or F76

This section illustrates the checking procedures when upon detecting the error of “F61” and/or “F76” after power up of the unit. It is for purpose of troubleshooting and checking in SMPS, Main & D-Amp P.C.B..

Symptom	Checking Items	Possible Fault(s)	Remarks
Set cannot ON	1 AC Cord	1 AC Cord Faulty, Loose connection.	Refer to Section 9.1.1 Fig. 1. SMPS P.C.B.
	2 AC Inlet, P5701	2 P5701 solder crack, dry joint.	
	3 Fuse, F1	3 Fuse, F1 Open.	
	4 Photocoupler	4 PC5702/PC5799 solder crack.	
	PC5702, PC5799	Dry joint, short circuit, open circuit.	
	5 Switching Regulator	5 IC5701 Faulty.	
	IC, IC5701		
	6 Main Transformer T5751	6a T5751 Faulty.	
Set can ON then F61		6b Switching Mode Power Supply Control IC (IC5799) faulty.	Refer to Section 9.1.2 Fig. 3. Main P.C.B. and Section 9.1.3 Fig. 4. D-Amp P.C.B.
		6c D5798 faulty.	
	1 Speaker Output	1 Faulty speaker unit, Loose connection, Short.	
	2 D-AMP circuit	2a D-AMP IC, IC5700, IC5800, IC5000, IC5200, IC5300, IC5400 defective. (Check DC voltage at speaker terminals, 3V and above defective)	
		2b DC Voltage ok but no sound, check DC Voltage at Pin 1.	
		5V ok condition, 2.5V or 0V defective.	
		2c 2a, 2b ok but no sound, check PWM waveform at Pin 10 and Pin 14.	
		If no PWM, 24 resistors defective.	
		For IC5700 (R5702, R5703, R5704, R5705).	
		For IC5800 (R5802, R5803, R5804, R5805).	
		For IC5000 (R5004, R5005, R5010, R5011).	
		For IC5400 (R5402, R5405, R5410, R5411).	
		For IC5200 (R5200, R5201, R5210, R5211).	
		For IC5300 (R5302, R5305, R5310, R5311).	
Set can ON then F76	1 Main Transformer T5701	1a Short circuit between Pin 11 and Pin 12 .	Refer to Section 9.1.1 Fig. 1. SMPS P.C.B.
		1b Short circuit between Pin 13 and Pin 14 .	
		1c Short circuit between Pin 16 and Pin 17 .	
	2 Regulator Circuits	2a IC2010 faulty (No +9V output).	Refer to Section 9.1.2 Fig. 2. and Fig.3. Main P.C.B.
		2b L2000 Open.	
		2c Q2022 faulty (No +5V output).	
		2d IC2014 faulty (No +3.3V output).	
		2e IC2011 faulty (No +5V output).	
		2f L2001 Open.	
	3 Photocoupler	3 PC5720 solder crack,	Refer to Section 9.1.1 Fig. 1. SMPS P.C.B.
	PC5720	Dry joint, short circuit, open circuit.	
Set can ON working normally for some time then F76	1 Rectifier Diode D5801	1a Improper contact between D5801 to Heatsink.	Refer to Section 9.1.1 Fig. 1. SMPS P.C.B.
	Rectifier Diode D5802	Improper contact between D5802 to Heatsink.	
	2 Thermistor TH5860,	1b Set trigger temperature protection.	
	TH5861		

9.3. D-Amp IC Operation & Control

D-AMP IC Operation & Control

- 1) D-AMP IC (C1BA00000497) was used for this model (AKX95/105)
- 2) Three control pins (signal send from micro-processor IC) were used to control the D-AMP IC operation such as muting, standby and normal operation. They are described as below: -

No	Pin no	Signal name	Function
1	4	F_HOP	Frequency Hop control.
2	6	MODE_DA	Digital Amp On/Off control.
3	3	MUTE_F	Digital Amp Muting control

Table 1: Digital AMP Pin Control.

Here is detailed description of the three control pins for the D-AMP IC

A) **MODE_DA & MUTE_F** were used to switch the D-AMP IC in the following muting status:

- L(Low/OFF): Standby / OFF
- H (High/ON): Operating or Mute

Below is the logic for the two pins used for the control of the D-AMP IC.

No	MODE_DA	MUTE_F	Digital AMP IC mode status
1	L	X	OFF (0V)
2	H	H	Mute (2.5V)
3	H	L	Operating(5V)

Table 2: Digital AMP IC Mode Status.

Note: Standby/OFF condition of D.AMP IC is available / activated only during the following event: Switching of Frequency Hoping, power off and start up (when the unit is undergoing the transition from standby to normal operation mode)

B) **F_HOP** is used to control the D-AMP operation to avoid interference with AM source by controlling the frequency source used. It will switch from one frequency to the other, depending on the tuned AM frequency.

For 9 KHz Step

AM Band Frequency	F_HOP	Switching Frequency
522 ~ 558	H	301
567 ~ 639	H	350
648 ~ 855	L	301
864 ~ 945	H	350
954 ~ 1152	L	301
1161 ~ 1242	H	350
1251 ~ 1449	L	301
1458 ~ 1539	H	350
1548 ~ 1629	L	301

Table 3: F_HOP Control during 9 kHz Step

For 10 KHz Step

AM Band Frequency	F_HOP	Switching Frequency
520 ~ 560	H	301
570 ~ 640	H	350
650 ~ 860	L	301
870 ~ 950	H	350
960 ~ 1160	L	301

1170 ~ 1250	H	350
1260 ~ 1450	L	301
1460 ~ 1540	H	350
1550 ~ 1710	L	301

Table 4: F_HOP Control during 10 kHz Step

Note: During activating, the 3 control pins namely MUTE_F, MUTE_A and MODE_DA must be used to cover the “Pop” sound cause by F-HOP switching.

10 Service Fixture & Tools

Prepare service tools before process service position.

Ref. No	Service Tools		Remarks
SFT1	Main P.C.B. (CN2007) - SMPS P.C.B. (CN5802)	REX1527(15P Cable Wire)	

11 Disassembly and Assembly Instructions

Caution Note:

- This section describes the disassembly and/or assembly procedures for all major printed circuit boards & main components for the unit. (You may refer to the section of “Main components and P.C.B Locations” as described in the service manual)
- Before carrying out the disassembly process, please ensure all the safety precautions & procedures are followed.
- During the disassembly and/or assembly process, please handle with care as there may be chassis components with sharp edges.
- Avoid touching heatsinks due to its high temperature after prolong use. (See caution as described below)

**CAUTION: HOT!!
PLEASE DO NOT
TOUCH THE HEAT SINK**

- During disassembly and assembly, please ensure proper service tools, equipments or jigs is being used.
- During replacement of component parts, please refer to the section of “Replacement Parts List” as described in the service manual.
- Select items from the following indexes when disassembly or replacement are required.
- Disassembly of Top Cabinet
- Disassembly of Front Panel Unit
- Disassembly of Mic P.C.B.
- Disassembly of Panel P.C.B.
- Disassembly of Memory LED P.C.B.
- Disassembly of Remote Sensor P.C.B.
- Disassembly of USB P.C.B.
- Disassembly of Music Port P.C.B.
- Disassembly of Top Bar LED P.C.B.
- Disassembly of Bottom Bar LED P.C.B.
- Disassembly of Main P.C.B.
- Replacement of Voltage Regulator (IC2010)
- Replacement of Voltage Regulator (IC2011)
- Replacement of Audio Digital Amp IC (IC5800)
- Replacement of Audio Digital Amp IC (IC5700)
- Disassembly of D-Amp P.C.B.
- Replacement of Audio Digital Amp (IC5400)
- Replacement of Audio Digital Amp (IC5000)
- Replacement of Audio Digital Amp (IC5200)
- Replacement of Audio Digital Amp (IC5300)
- Disassembly of SMPS P.C.B.
- Replacement of Switching Regulator IC (IC5701)
- Replacement of Rectifier Diode (D5702)
- Replacement of Rectifier Diode (D5801)
- Replacement of Rectifier Diode (D5802)
- Replacement of Rectifier Diode (D5803)
- Disassembly of CD Mechanism Unit (BRS11C)
- Disassembly of CD Interface P.C.B.
- Disassembly of CD Servo P.C.B.
- Disassembly of Rear Panel

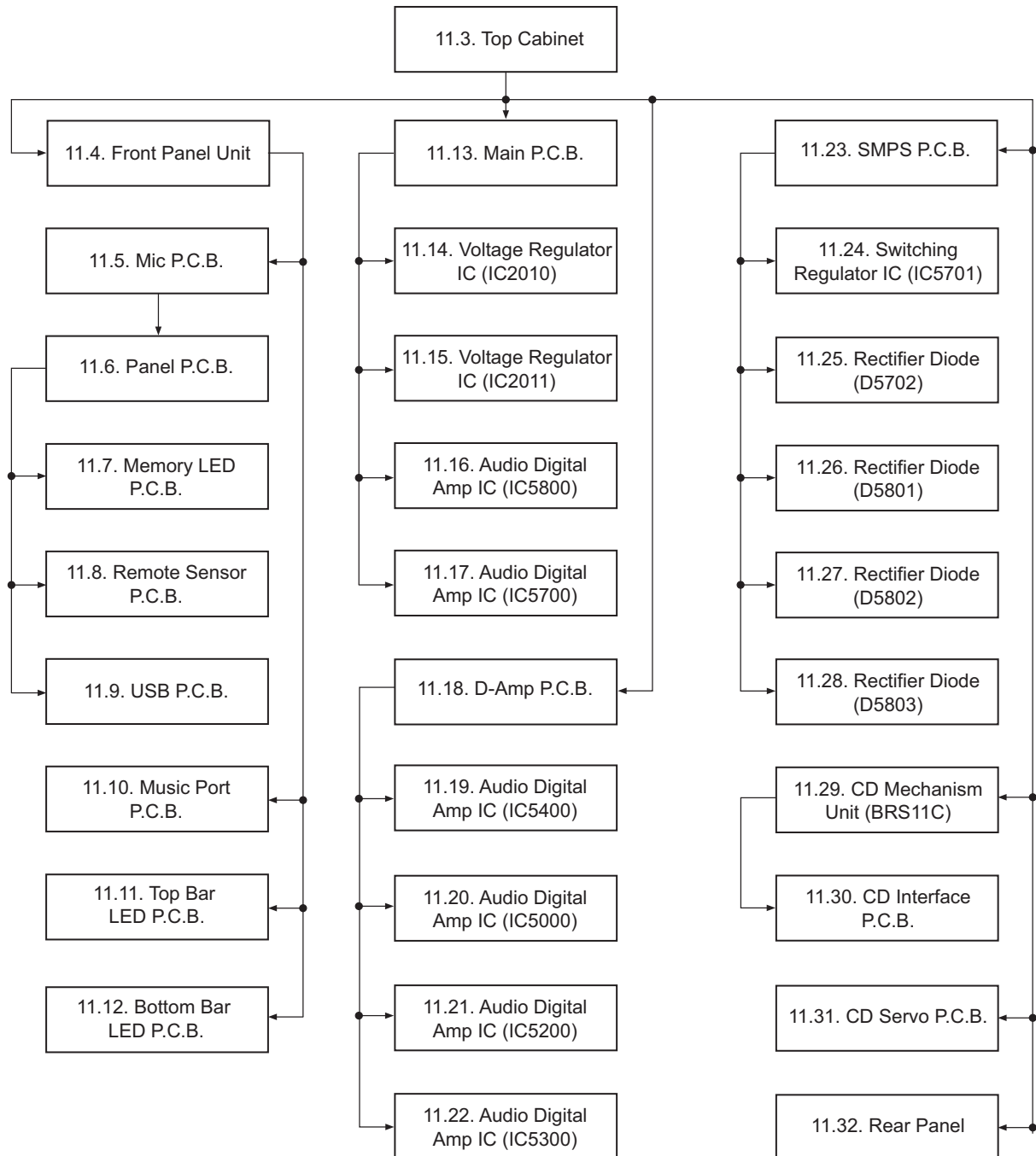
CAUTION NOTE:

Please use original screw and at correct locations.

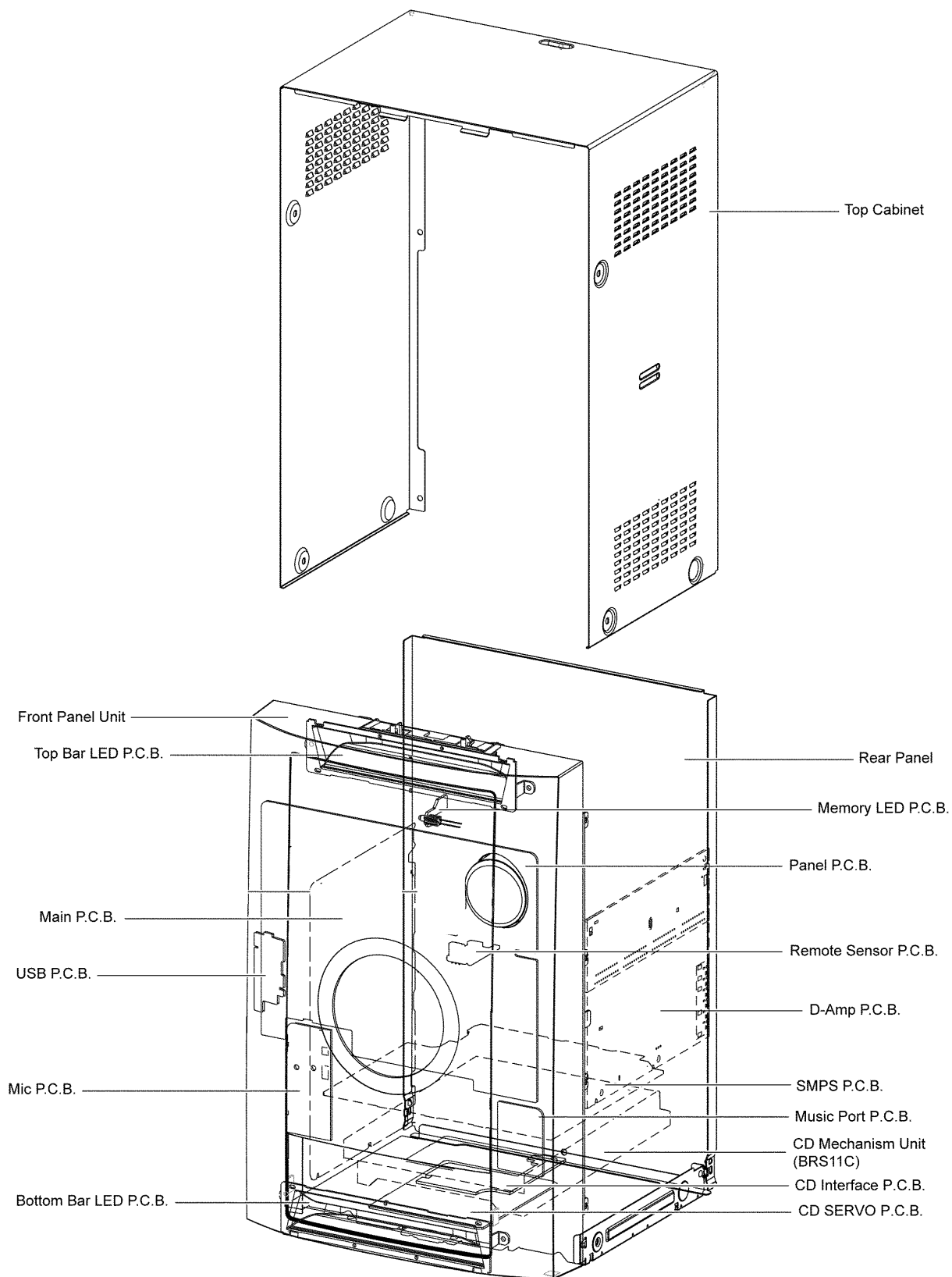
Below shown is part no. of different screw types used:

- | | |
|------------------------|-----------------------|
| a :RHD30007-K2J | e :XTB3+10JFJ |
| b :RHD30119-S | f :RHDX30005-J |
| c :RHD26046 | g :RHDX031008 |
| d :RHD30111-31 | h :XTN2+6GFJ |

11.1. Disassembly Flow Chart



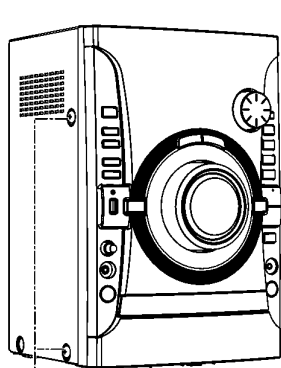
11.2. Main Components and P.C.B. Locations



11.3. Disassembly of Top Cabinet

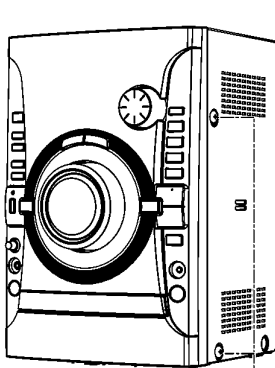
Step 1 Remove 2 screws on each side.

(Left View)



2 x **a**
(Step 1)

(Right View)



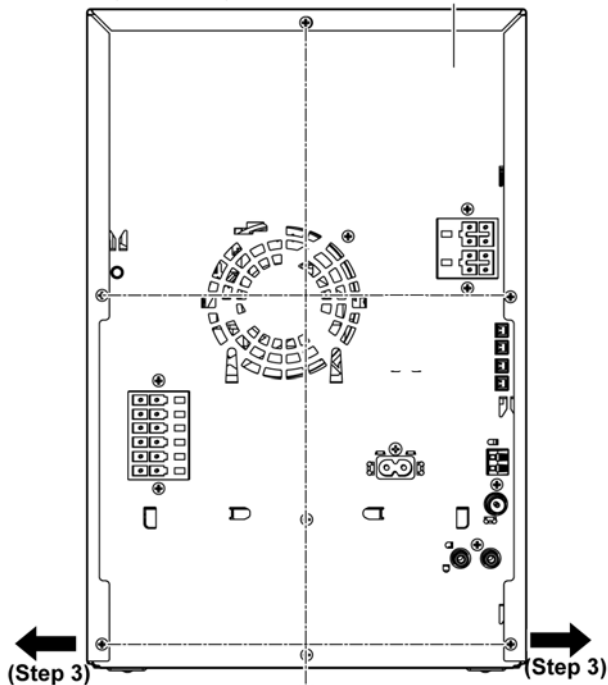
2 x **a**
(Step 1)

Step 2 Remove 5 screws.

Step 3 Slightly pull both side of Top Cabinet outwards as arrow shown.

(Back View)

Rear Panel



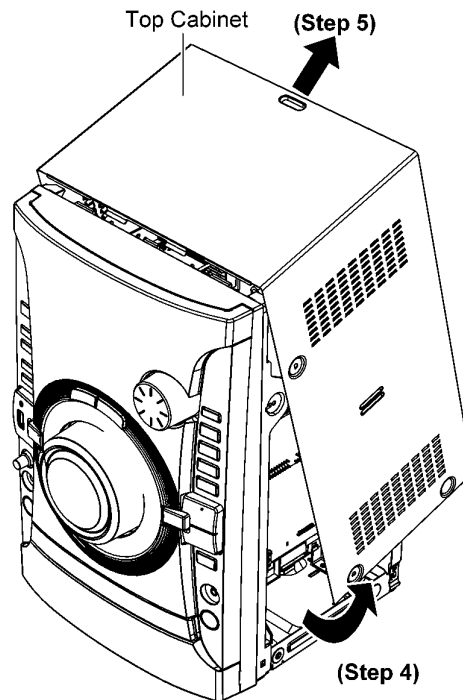
(Step 3)

(Step 3)

5 x **b**
(Step 2)

Step 4 Slightly lift up both side of Top Cabinet in an outward direction as shown.

Step 5 Remove the Top Cabinet.



(Step 5)

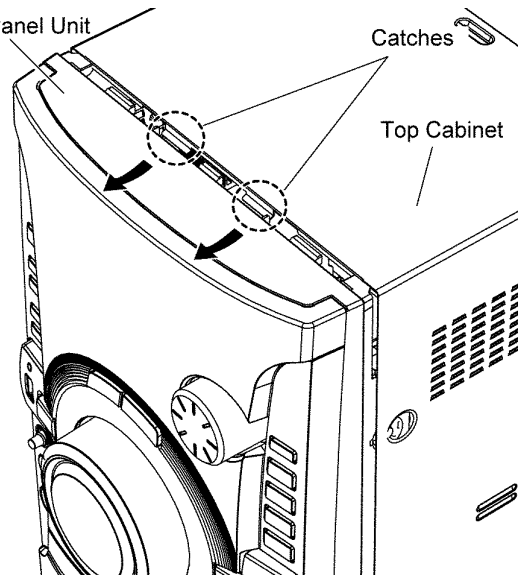
(Step 4)

Caution: During assembling, ensure that the catches of the Top Cabinet catches are properly located & inserted into the Front Panel Unit as shown.

Front Panel Unit

Catches

Top Cabinet

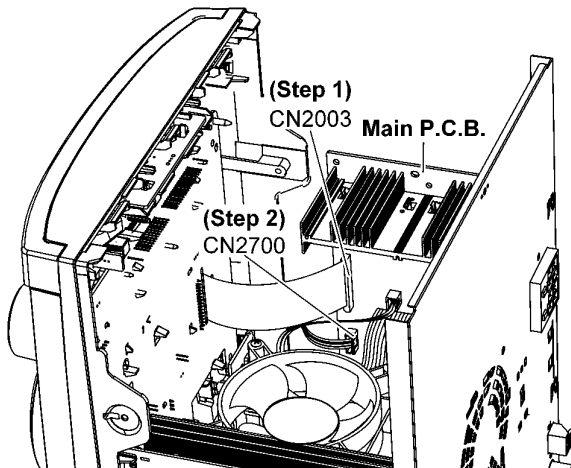


11.4. Disassembly of Front Panel Unit

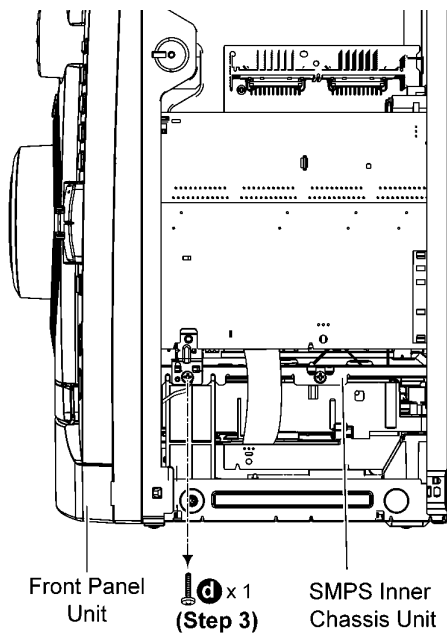
• Refer to “Disassembly of Top Cabinet”.

Step 1 Detach 27P FFC at the connector (CN2003) on Main P.C.B.

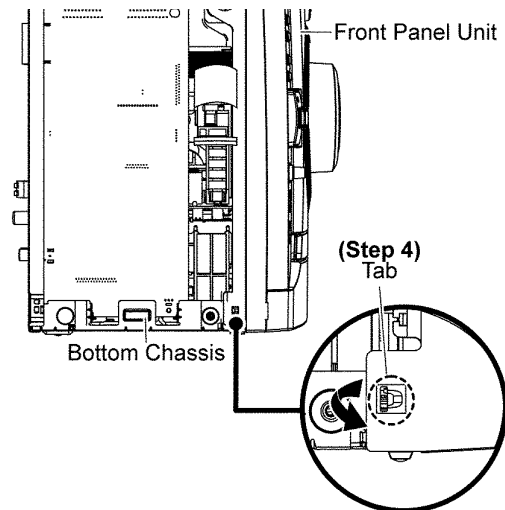
Step 2 Detach 5P Cable Wire at the connector (CN2700) on Main P.C.B.



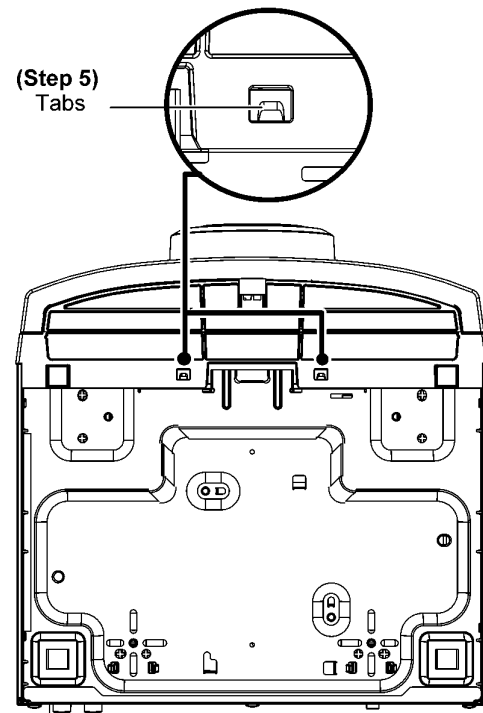
Step 3 Remove 1 screw at the SMPS Inner Chassis Unit.



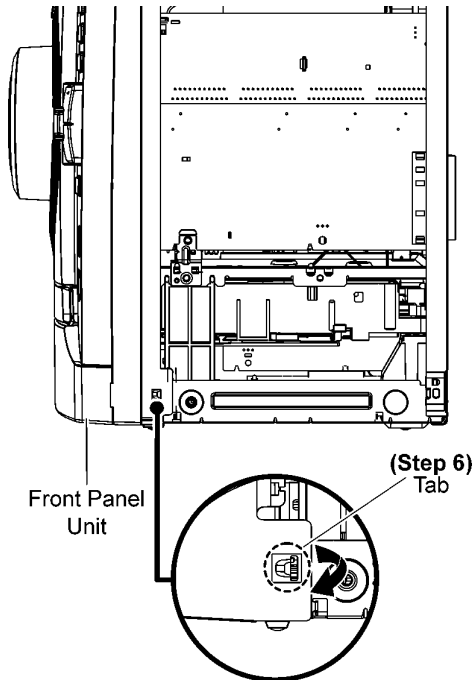
Step 4 Push inwards slightly at the Bottom Chassis as arrow shown and release tab at left side of the Front Panel Unit.



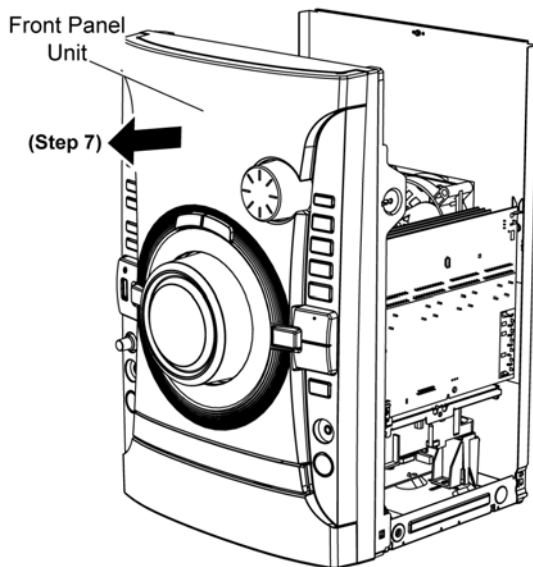
Step 5 Release tabs at the bottom of the unit.



Step 6 Push inwards slightly at the Bottom Chassis and release tab at right side of the Front Panel Unit.



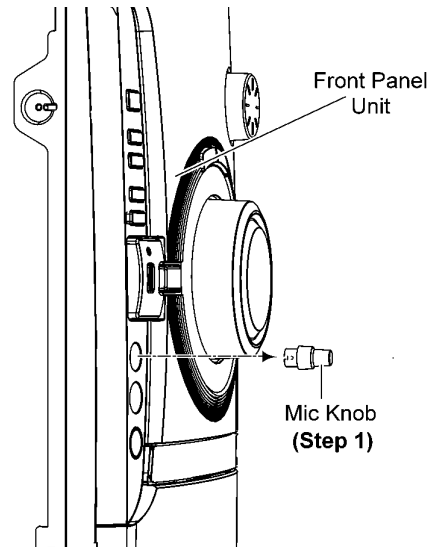
Step 7 Remove the Front Panel Unit



11.5. Disassembly of Mic P.C.B.

- Refer to “Disassembly of Top Cabinet”.
- Refer to “Disassembly of Front Panel Unit”.

Step 1 Remove the Mic knob.



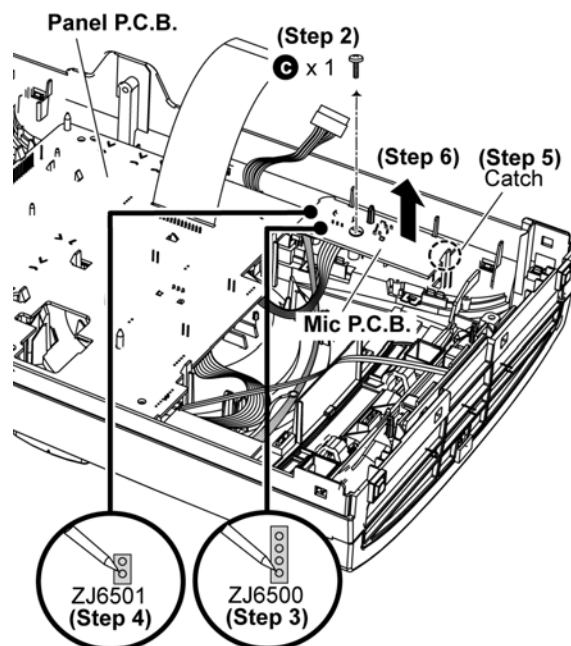
Step 2 Remove 1 screw at the Mic P.C.B..

Step 3 Desolder 4P Cable Wire at the connector (ZJ6500) on the Mic P.C.B..

Step 4 Desolder 2P Cable Wire at the connector (ZJ6501) on the Mic P.C.B..

Step 5 Release 1 catch.

Step 6 Remove the Mic P.C.B..

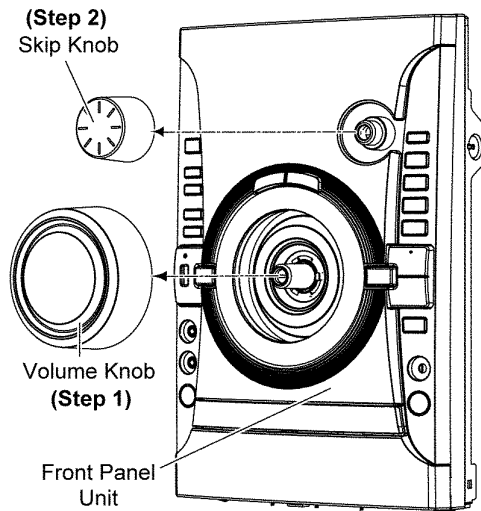


11.6. Disassembly of Panel P.C.B.

- Refer to “Disassembly of Top Cabinet”.
- Refer to “Disassembly of Front Panel Unit”.
- Refer to “Disassembly of Mic P.C.B.”.

Step 1 Remove the Volume Knob.

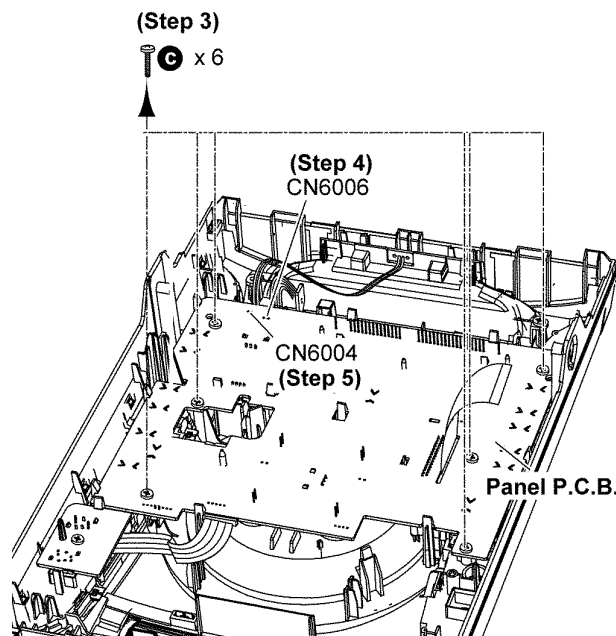
Step 2 Remove the Skip Knob.



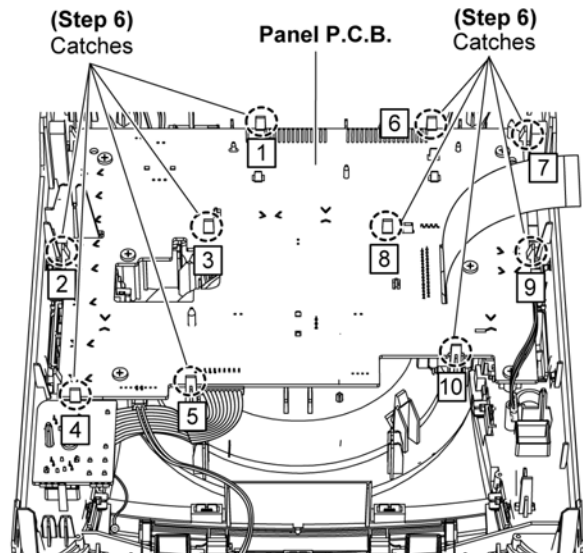
Step 3 Remove 6 screws.

Step 4 Detach 2P Cable Wire at the connector (CN6006) on the Panel P.C.B..

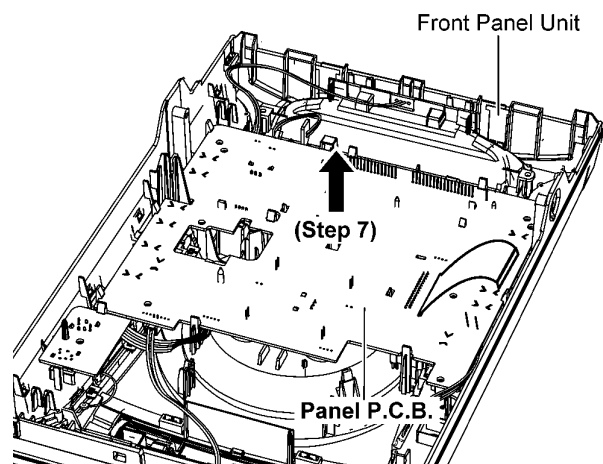
Step 5 Detach 2P Cable Wire at the connector (CN6004) on the Panel P.C.B..



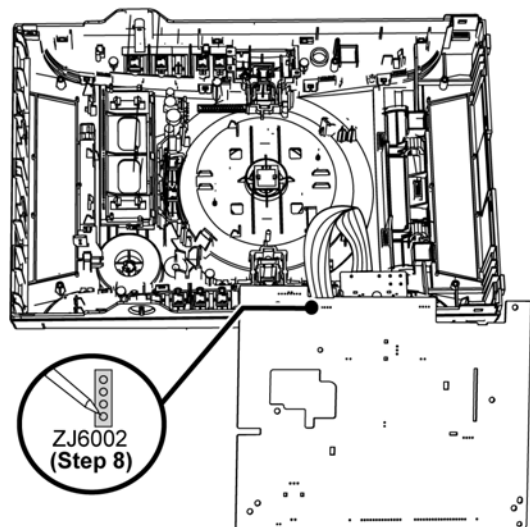
Step 6 Release catches by following the sequences (1-10).



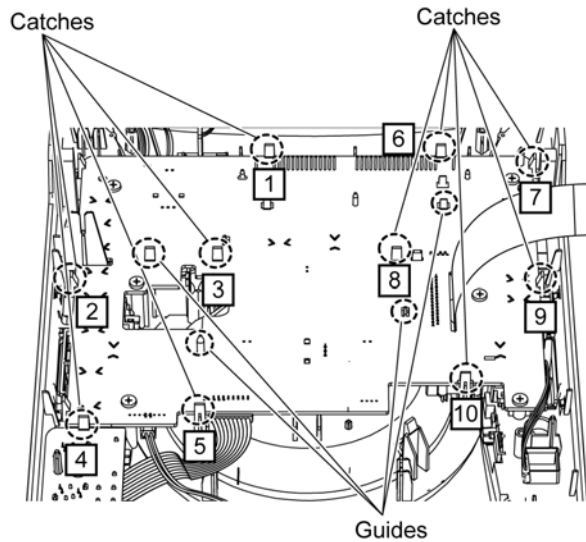
Step 7 Lift up to remove the Panel P.C.B..



Step 8 Desolder 4P Cable Wire at the connector (ZJ6002) on the Panel P.C.B..



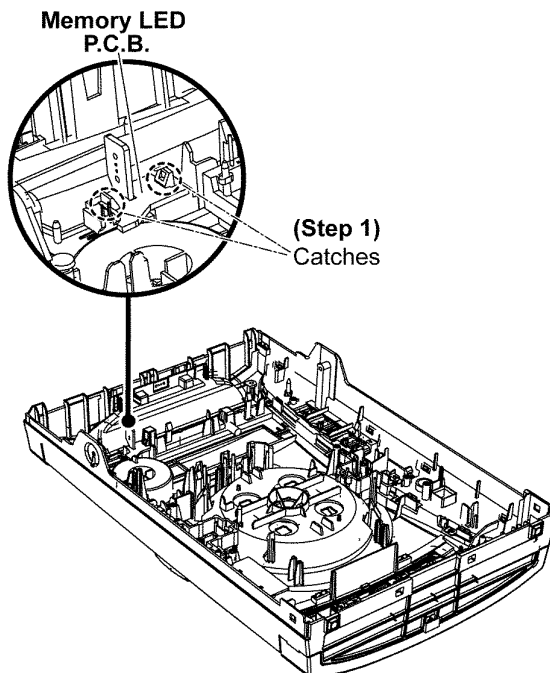
Caution: During assembling, ensure that the Panel P.C.B. is seated properly through the guides & fully caught.



11.7. Disassembly of Memory LED P.C.B.

- Refer to “Disassembly of Top Cabinet”.
- Refer to “Disassembly of Front Panel Unit”.
- Refer to “Disassembly of Mic P.C.B.”.
- Refer to “Disassembly of Panel P.C.B.”.

Step 1 Release 2 catches.

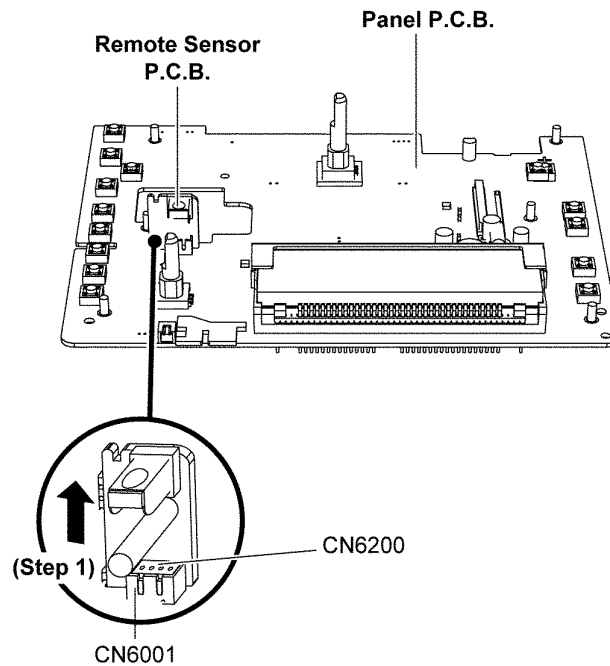


11.8. Disassembly of Remote Sensor P.C.B.

- Refer to “Disassembly of Top Cabinet”.
- Refer to “Disassembly of Front Panel Unit”.
- Refer to “Disassembly of Mic P.C.B.”.
- Refer to “Disassembly of Panel P.C.B.”.

Step 1 Remove the Remote Sensor P.C.B..

Caution: During assembling, ensure that the Remote Sensor P.C.B. is properly inserted & fully connected to the Panel P.C.B..

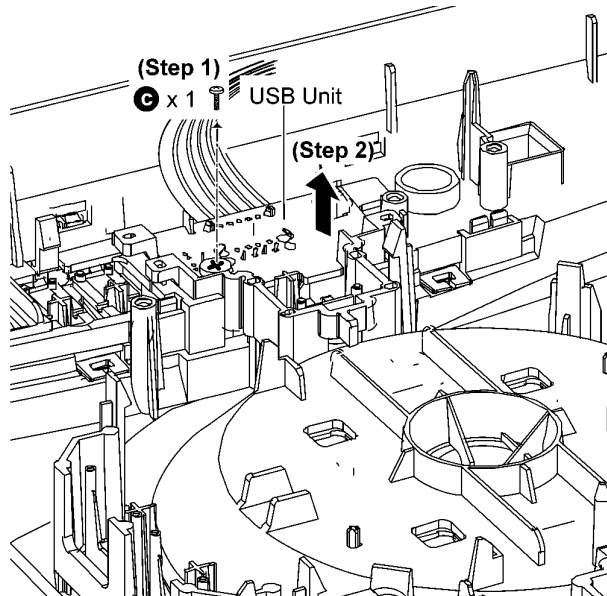


11.9. Disassembly of USB P.C.B.

- Refer to “Disassembly of Top Cabinet”.
- Refer to “Disassembly of Front Panel Unit”.
- Refer to “Disassembly of Mic P.C.B.”.
- Refer to “Disassembly of Panel P.C.B.”.

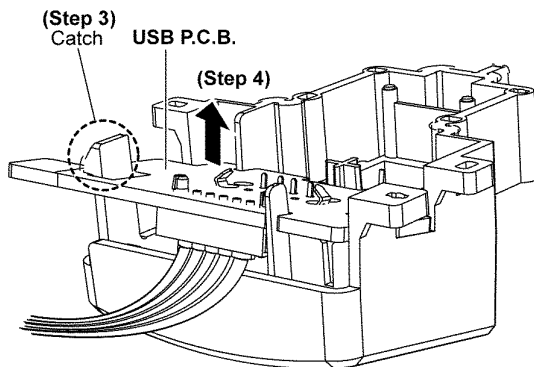
Step 1 Remove 1 screw.

Step 2 Remove the USB Unit.



Step 3 Release 1 catch.

Step 4 Remove the USB P.C.B..



11.10. Disassembly of Music Port P.C.B.

- Refer to “Disassembly of Top Cabinet”.
- Refer to “Disassembly of Front Panel Unit”.

Step 1 Remove 1 screw.

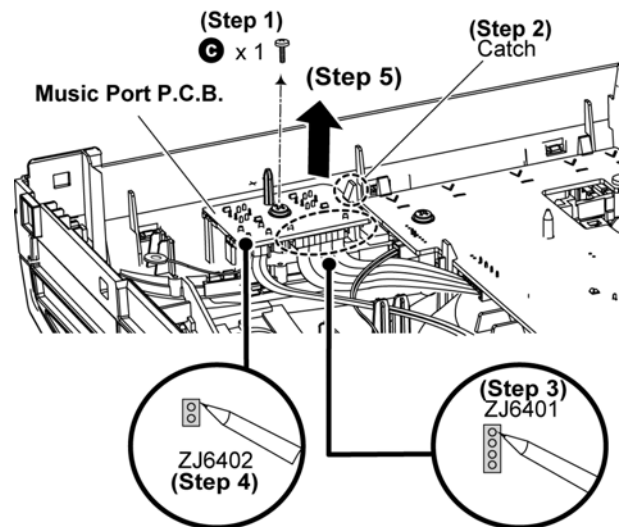
Step 2 Release 1 catch.

Step 3 Desolder 4P Cable Wire at (ZJ6401) on the Music Port P.C.B..

Step 4 Desolder 2P Cable Wire at (ZJ6402) on the Music Port P.C.B..

Step 5 Remove the Music Port P.C.B..

Caution: During assembling, ensure that the Music Port P.C.B. is properly located & fully caught onto the Front Panel Unit.

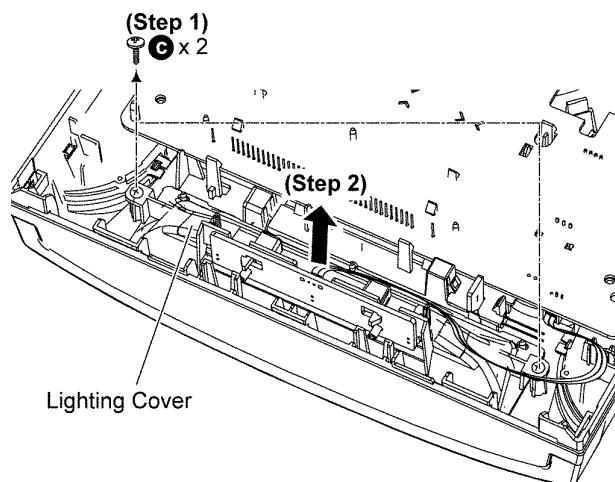


11.11. Disassembly of Top Bar LED P.C.B.

- Refer to “Disassembly of Top Cabinet”.
- Refer to “Disassembly of Front Panel Unit”.

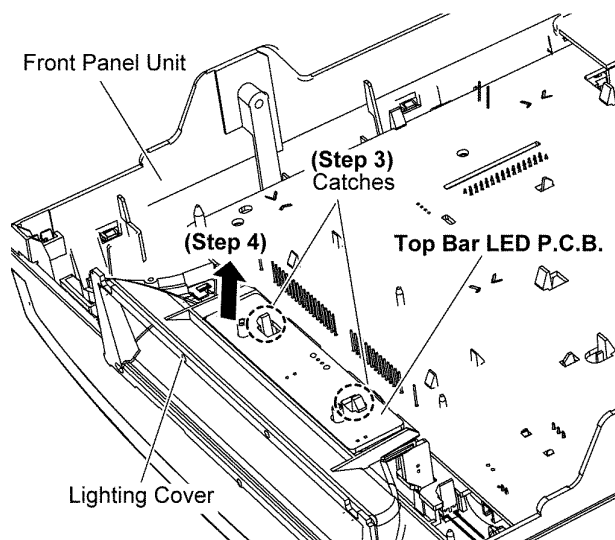
Step 1 Remove 2 screws.

Step 2 Lift up the Lighting Cover.



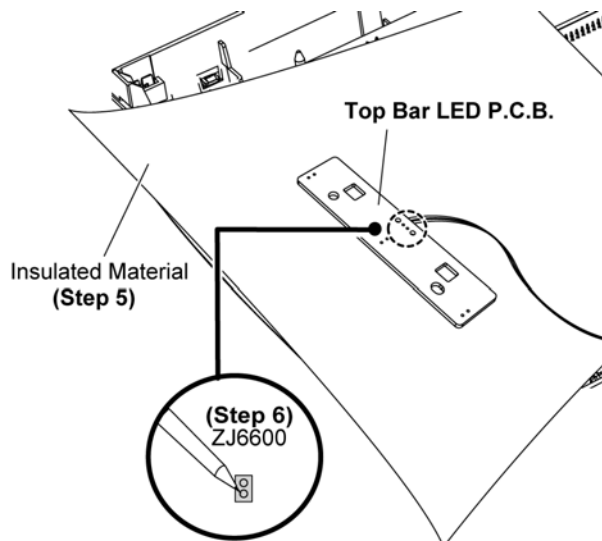
Step 3 Release 2 catches.

Step 4 Remove the Top Bar LED P.C.B..



Step 5 Place the Top Bar LED P.C.B. on the insulated material.

Step 6 Desolder 2P Cable Wire at ZJ6600 on the Top Bar LED P.C.B..

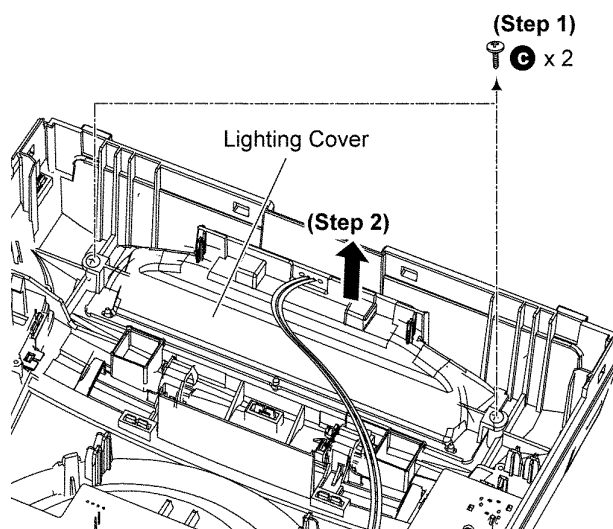


11.12. Disassembly of Bottom Bar LED P.C.B.

- Refer to “Disassembly of Top Cabinet”.
- Refer to “Disassembly of Front Panel Unit”.

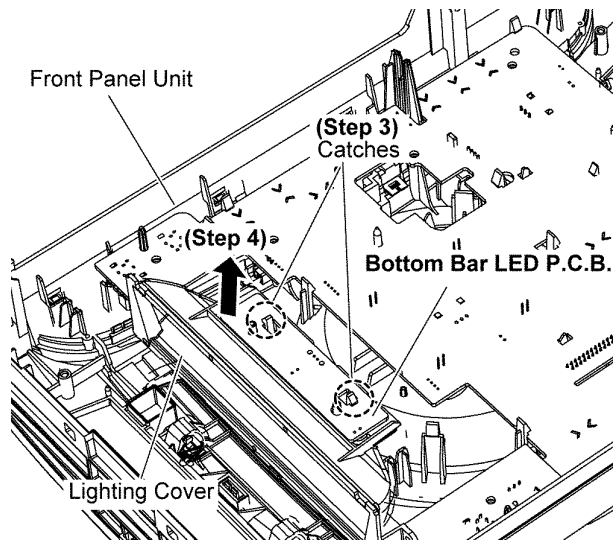
Step 1 Remove 2 screws.

Step 2 Lift up the Lighting Cover.



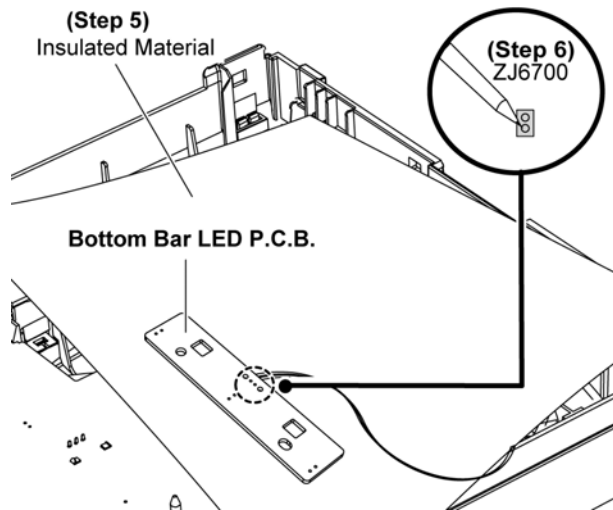
Step 3 Release 2 catches.

Step 4 Remove the Bottom Bar LED P.C.B..



Step 5 Place the Bottom Bar LED P.C.B. on the insulated material.

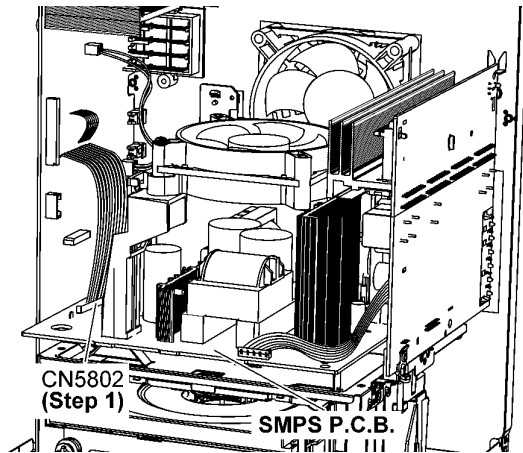
Step 6 Desolder 2P Cable Wire at ZJ6700 on the Bottom Bar LED P.C.B..



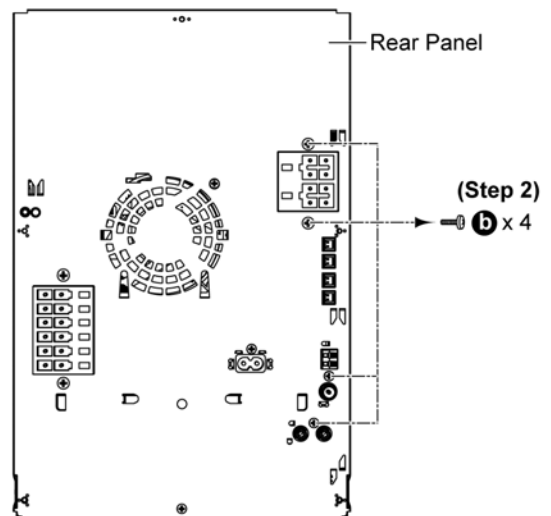
11.13. Disassembly of Main P.C.B.

- Refer to “Disassembly of Top Cabinet”.
- Refer to “Disassembly of Front Panel Unit”.

Step 1 Detach 15P Cable Wire at the connector (CN5802) on the SMPS P.C.B..

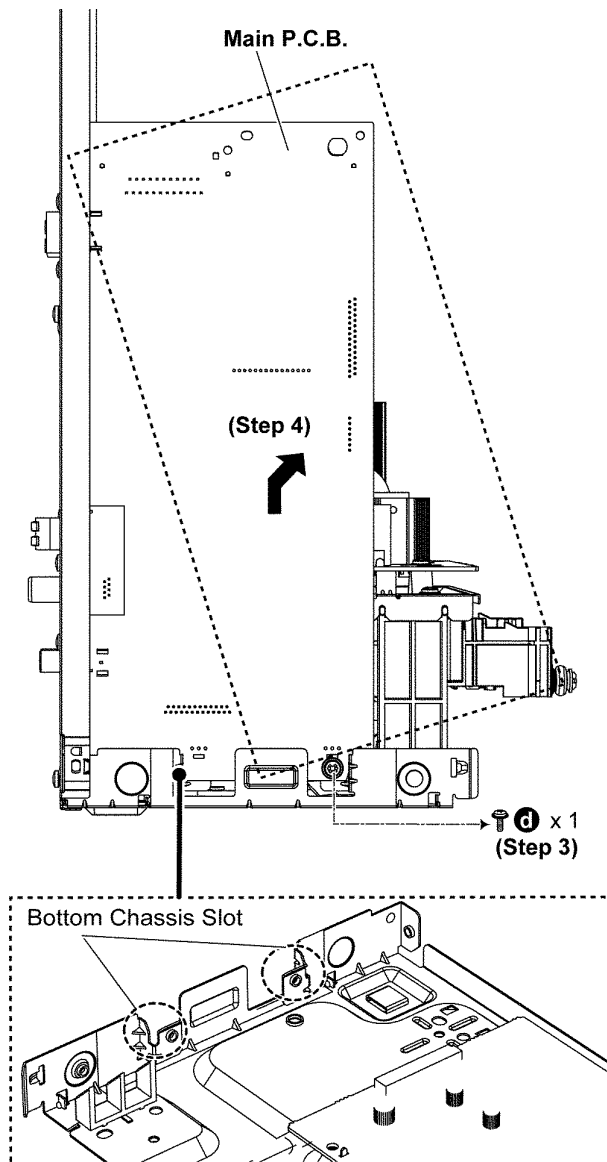


Step 2 Remove 4 screws.



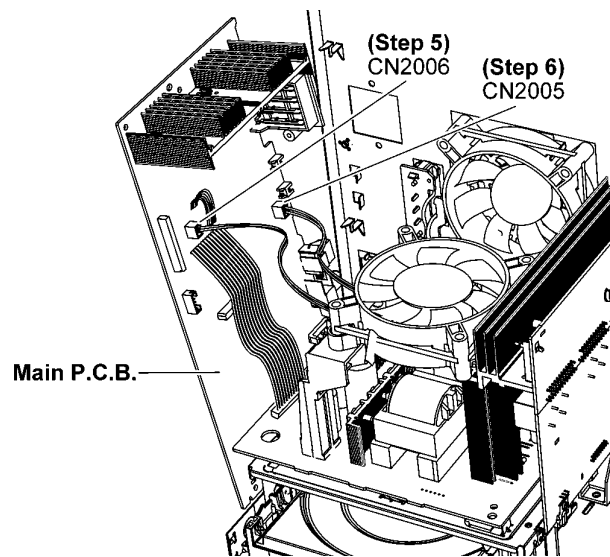
Step 3 Remove 1 screw.

Step 4 Slightly lift up the Main P.C.B. from the slots at the Bottom Chassis according to arrow shown.



Step 5 Detach 2P Wire at the connector (CN2006) on the Main P.C.B..

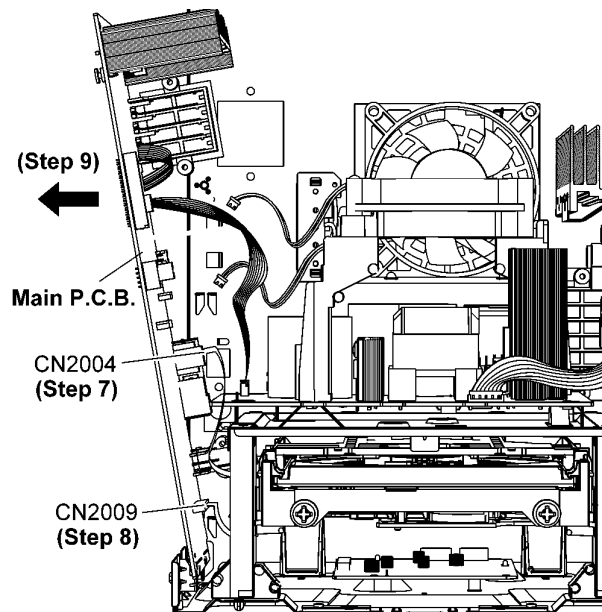
Step 6 Detach 2P Wire at the connector (CN2005) on the Main P.C.B..



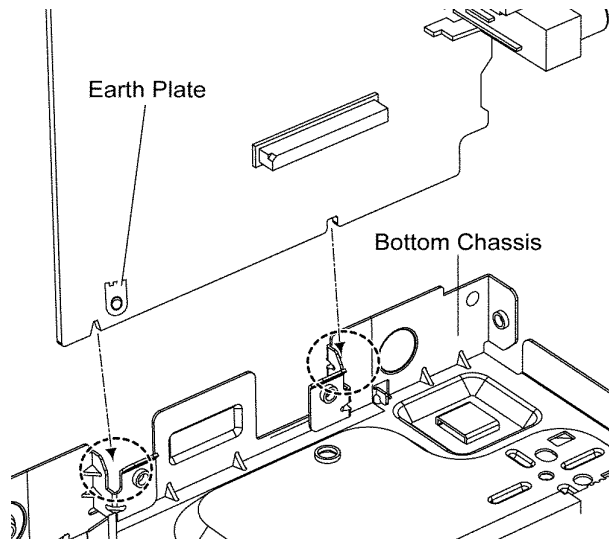
Step 7 Detach 17P FFC at the connector (CN2004) on the Main P.C.B..

Step 8 Detach 30P FFC at the connector (CN2009) on the Main P.C.B..

Step 9 Remove the Main P.C.B..



Caution: During assembling, ensure that the earth plate is bended flat against the Main P.C.B. properly before inserting into the slots of the bottom chassis..

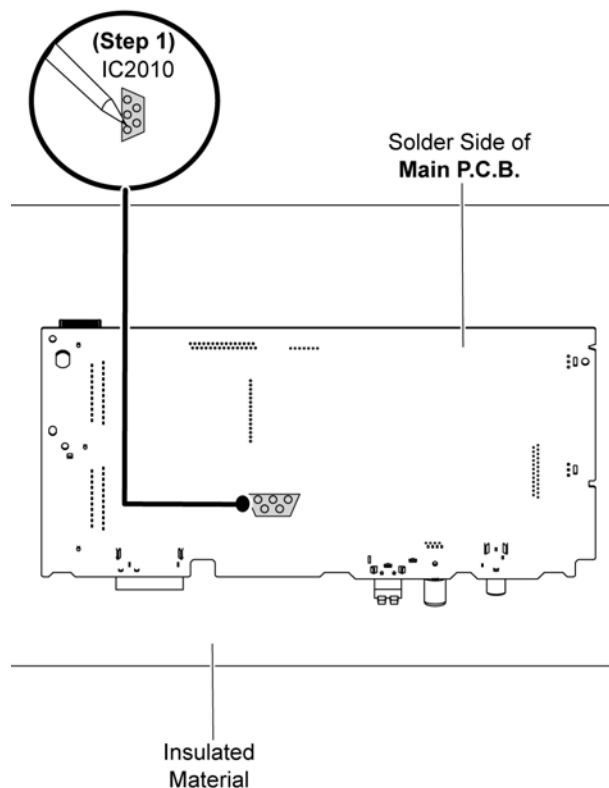


11.14. Replacement of Voltage Regulator IC (IC2010)

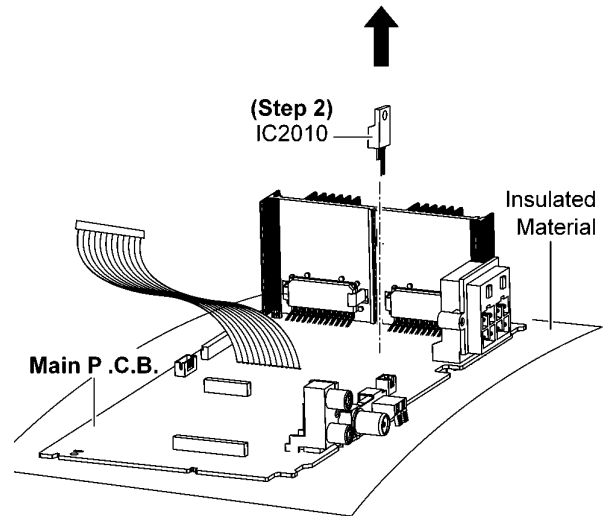
- Refer to “Disassembly of Main P.C.B.”.

11.14.1. Disassembly of Voltage Regulator IC (IC2010)

Step 1 Desolder pins of the Voltage Regulator IC (IC2010) on the solder side of the Main P.C.B..



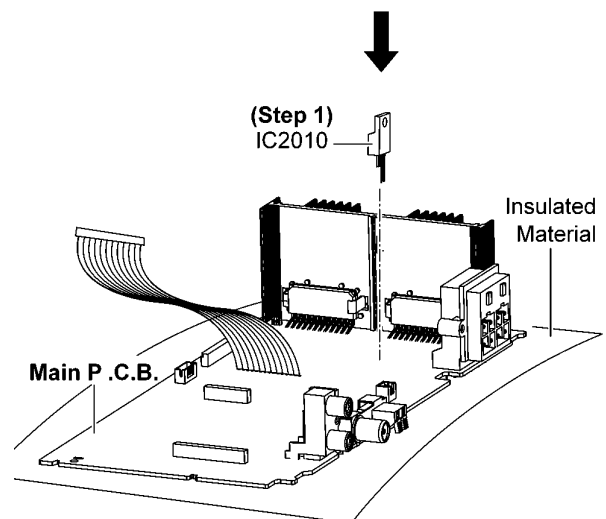
Step 2 Remove the Voltage Regulator IC (IC2010) from the Main P.C.B..



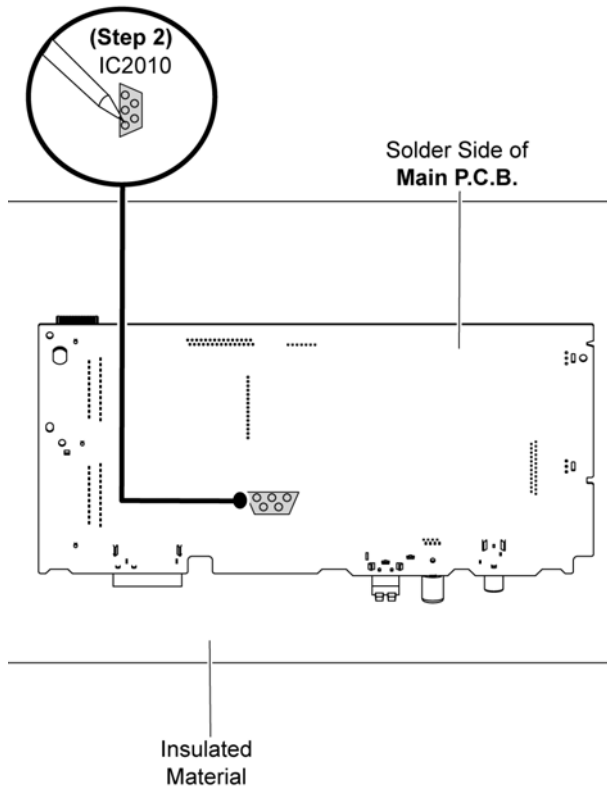
11.14.2. Assembly of Voltage Regulator IC (IC2010)

Step 1 Fix the Voltage Regulator IC (IC2010) on the Main P.C.B..

Caution: Ensure pins of the Voltage Regulator IC (IC2010) are properly inserted into the Main P.C.B..



Step 2 Solder pins of the Voltage Regulator IC (IC2010) on the solder side of the Main P.C.B..

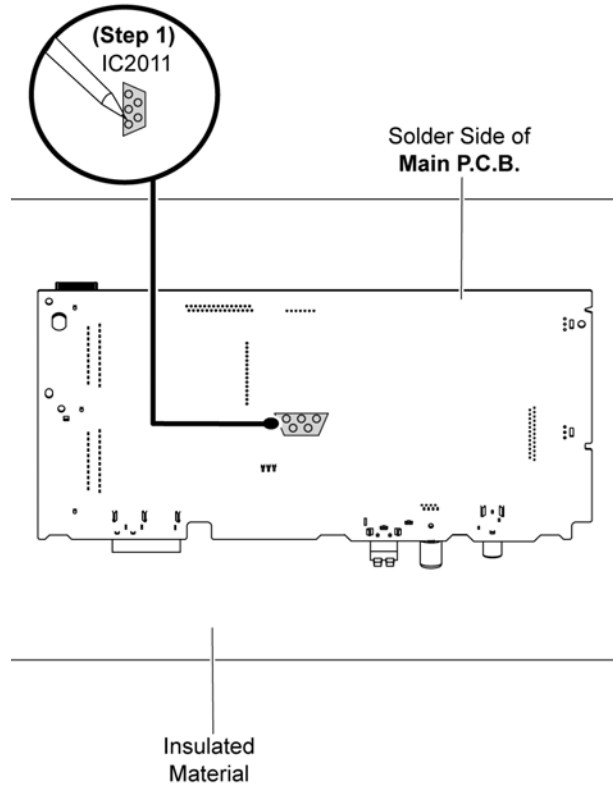


11.15. Replacement of Voltage Regulator IC (IC2011)

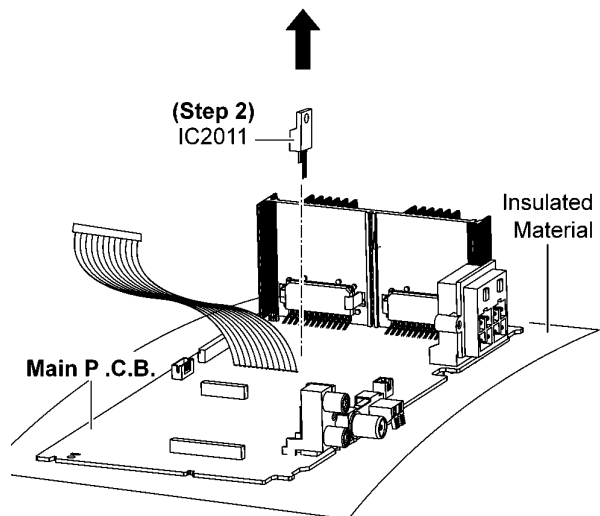
• Refer to "Disassembly of Main P.C.B.".

11.15.1. Disassembly of Voltage Regulator IC (IC2011)

Step 1 Desolder pins of the Voltage Regulator IC (IC2011) on the solder side of the Main P.C.B..



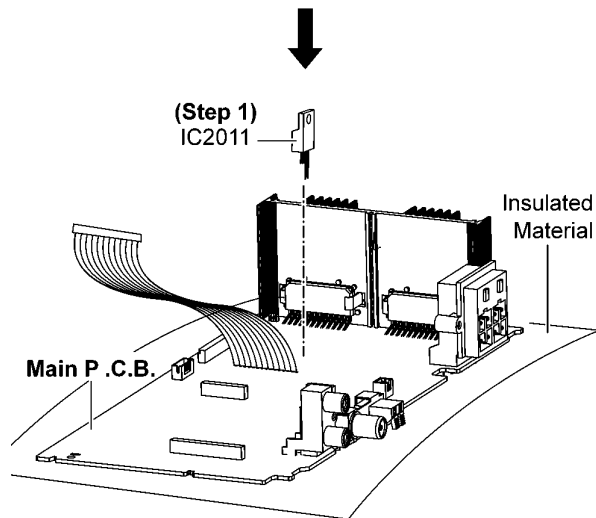
Step 2 Remove the Voltage Regulator IC (IC2011) from the Main P.C.B..



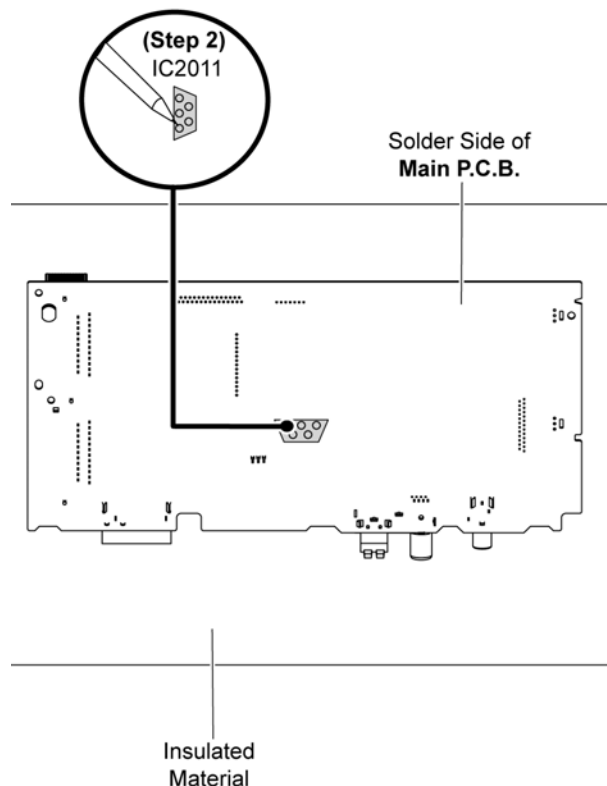
11.15.2. Assembly of Voltage Regulator IC (IC2011)

Step 1 Fix the Voltage Regulator IC(IC2011) on the Main P.C.B..

Caution: Ensure pins of the Voltage Regulator IC (IC2011) are properly inserted into the Main P.C.B..



Step 2 Solder pins of the Voltage Regulator IC (IC2011) on the solder side of the Main P.C.B..

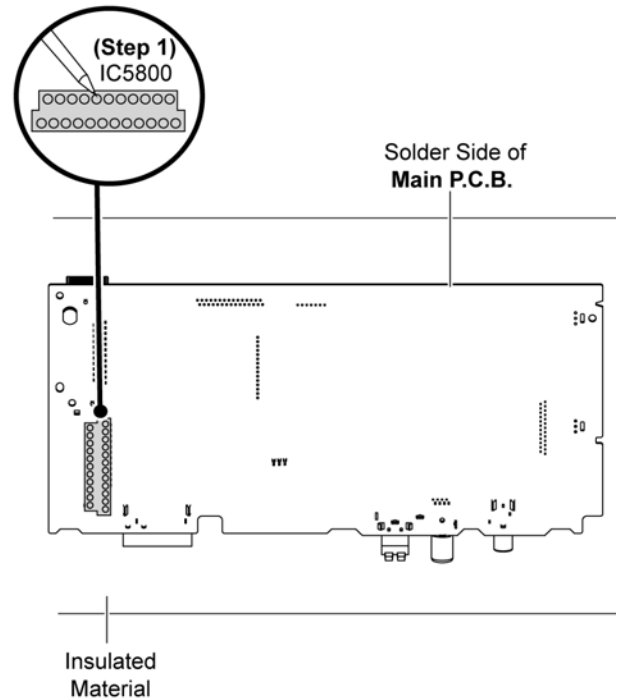


11.16. Replacement of Audio Digital Amp IC (IC5800)

• Refer to “Disassembly of Main P.C.B.”.

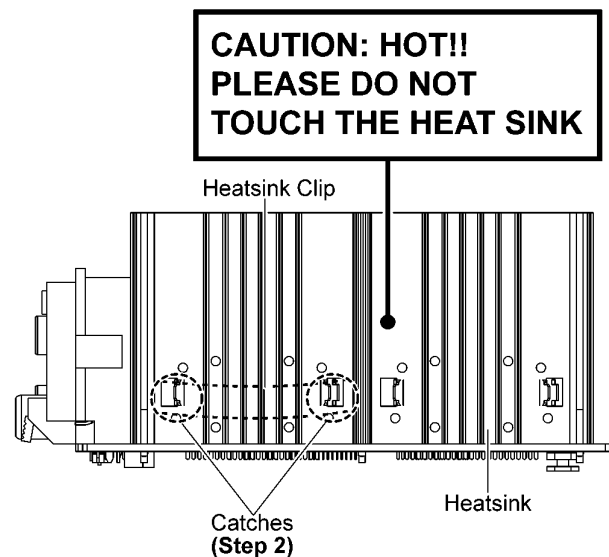
11.16.1. Disassembly of Audio Digital Amp IC (IC5800)

Step 1 Desolder pins of the Audio Digital Amp IC (IC5800) on the solder side of the Main P.C.B..



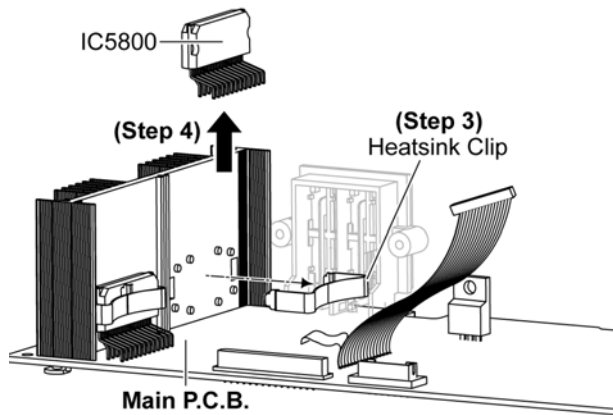
Step 2 Release 2 catches of the Heatsink Clip.

Caution: During releasing of the 2 catches, avoid touching the Heatsink due to it's high temperature after prolonged use. Touching it may lead to injuries.



Step 3 Remove the Heatsink Clip.

Step 4 Remove the Audio Digital Amp IC (IC5800).



11.16.2. Assembly of Audio Digital Amp IC (IC5800)

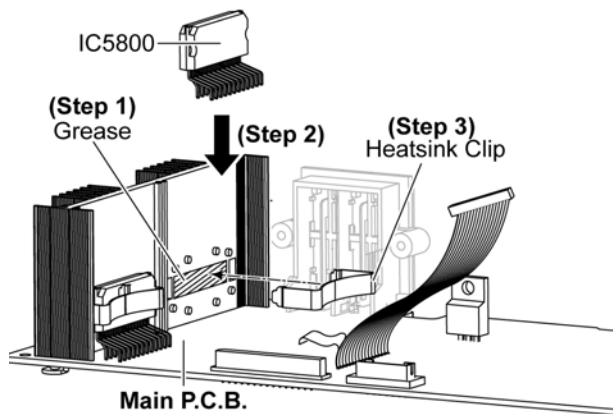
Step 1 Apply grease to the Heatsink.

Step 2 Fix the Audio Digital Amp IC (IC5800) on Main P.C.B.

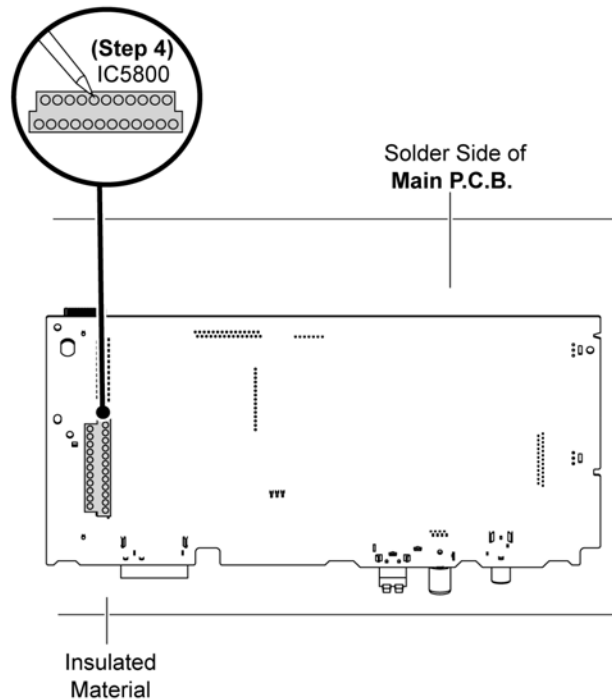
Caution: Ensure pins of the Audio Digital Amp IC (IC5800) are properly inserted into the Main P.C.B..

Step 3 Fix the Heatsink Clip to the Heatsink.

Caution: During assembling, ensure that the Heatsink Clip is caught onto the Heatsink properly.



Step 4 Solder pins of the Audio Digital Amp IC (IC5800) on the solder side of the Main P.C.B..

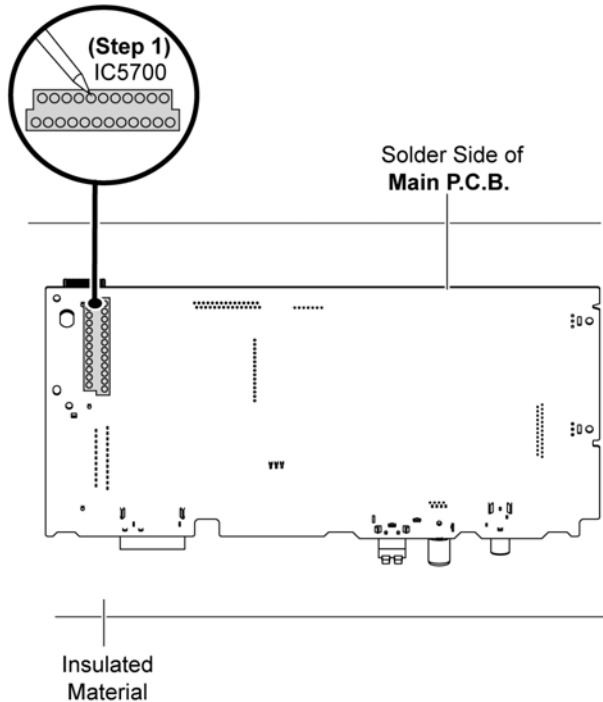


11.17. Replacement of Audio Digital Amp IC (IC5700)

• Refer to “Disassembly of Main P.C.B.”.

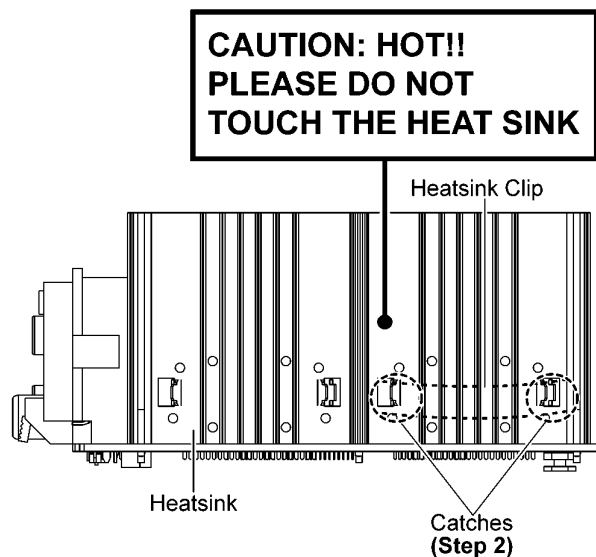
11.17.1. Disassembly of Audio Digital Amp IC (IC5700)

Step 1 Desolder pins of the Audio Digital Amp IC (IC5700) on the solder side of the Main P.C.B..



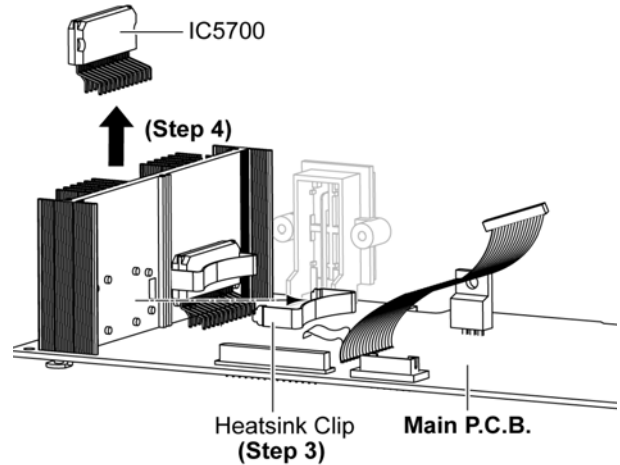
Step 2 Release 2 catches of the Heatsink Clip.

Caution: During releasing of the 2 catches, avoid touching the Heatsink due to it's high temperature after prolonged use. Touching it may lead to injuries.



Step 3 Remove the Heatsink Clip.

Step 4 Remove the Audio Digital Amp IC (IC5700).



11.17.2. Assembly of Audio Digital Amp IC (IC5700)

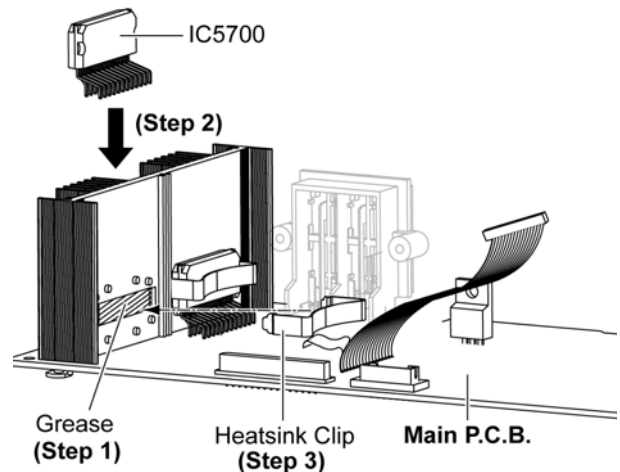
Step 1 Apply grease to the Heatsink.

Step 2 Fix the Audio Digital Amp IC (IC5700) on the Main P.C.B..

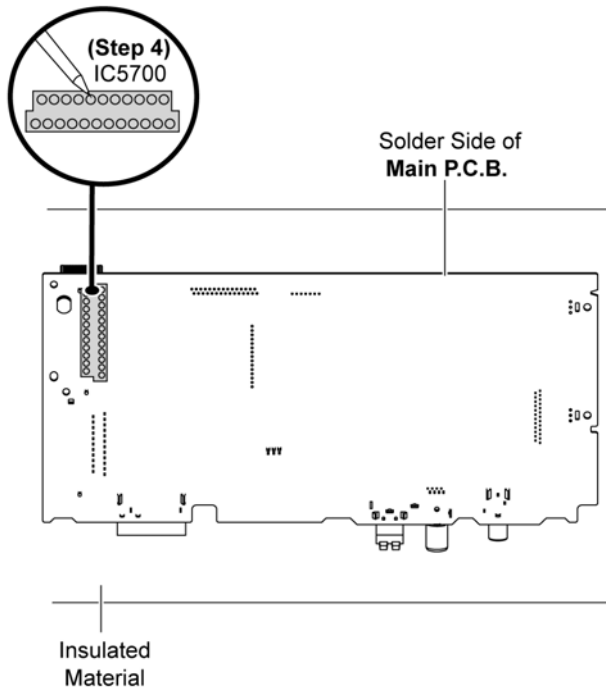
Caution: Ensure pins of the Audio Digital Amp IC (IC5700) are properly inserted into the Main P.C.B..

Step 3 Fix the Heatsink Clip to the Heatsink.

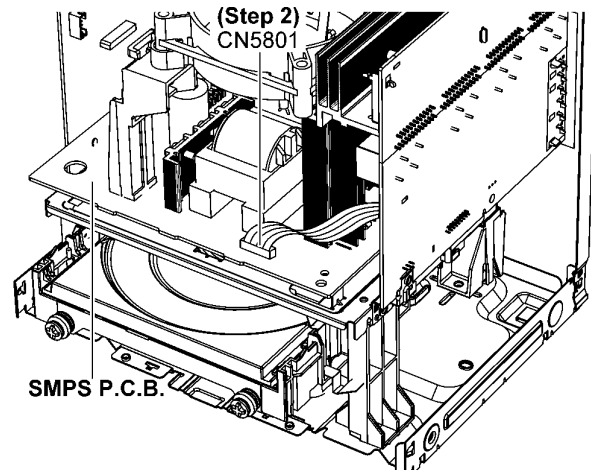
Caution: During assembling, ensure that the Heatsink Clip is caught onto the Heatsink properly.



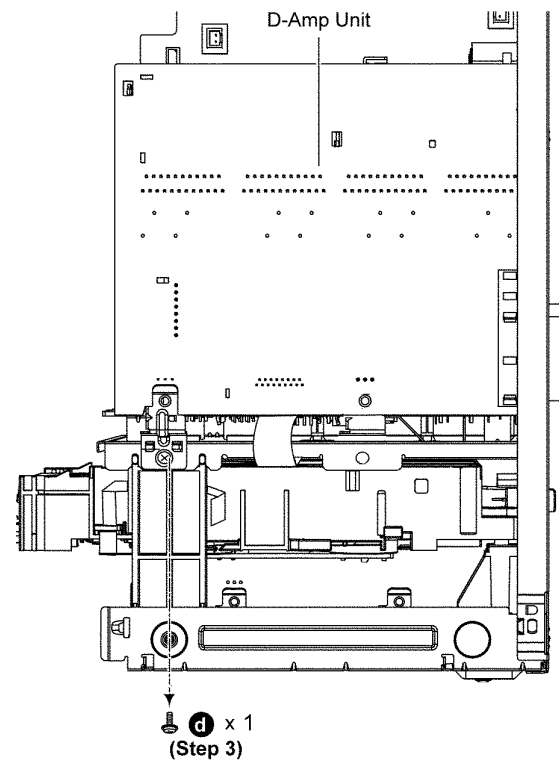
Step 4 Solder pins of the Audio Digital Amp IC (IC5700) on the solder side of the Main P.C.B..



Step 2 Detach 6P Cable Wire at the connector (CN5801) on the SMPS P.C.B..



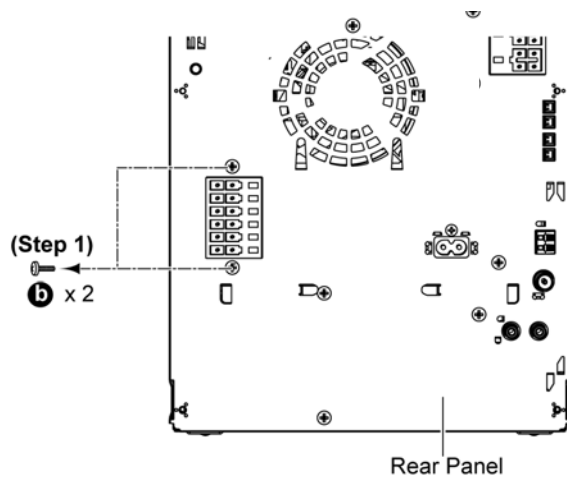
Step 3 Remove 1 screw.



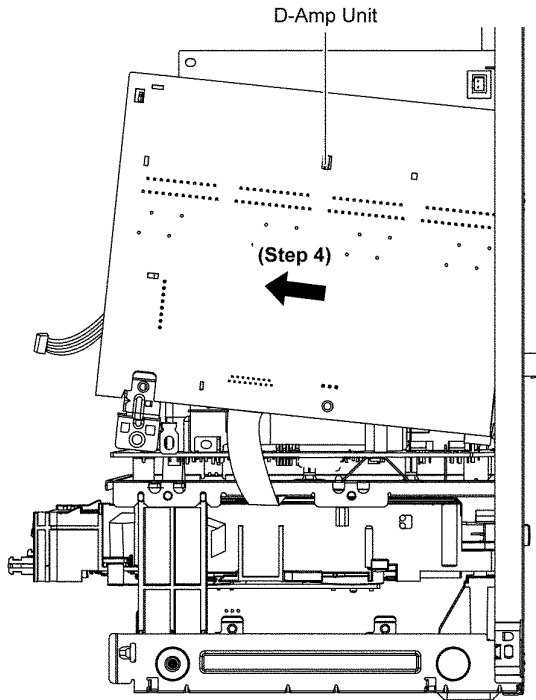
11.18. Disassembly of D-Amp P.C.B.

- Refer to “Disassembly of Top Cabinet”.
- Refer to “Disassembly of Front Panel Unit”.

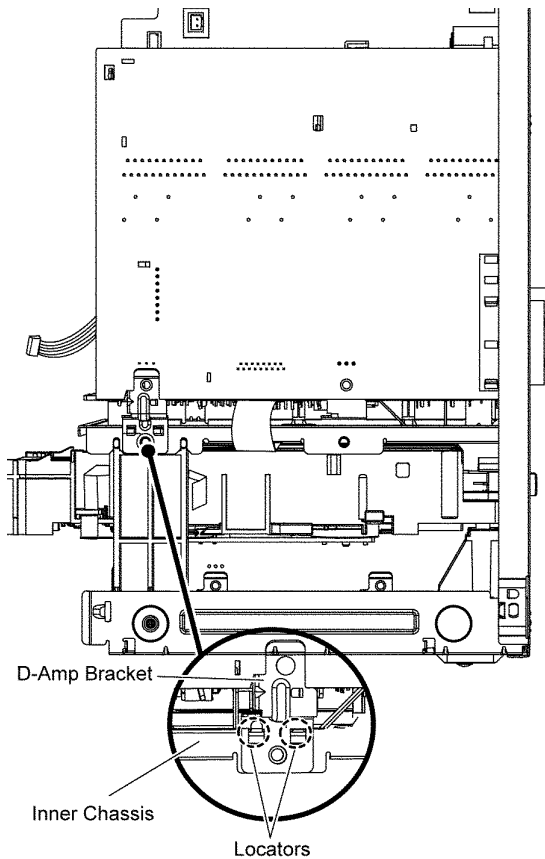
Step 1 Remove 2 screws.



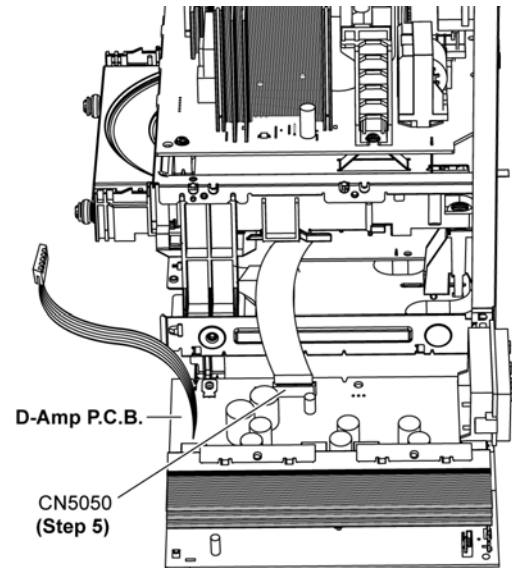
Step 4 Slightly lift up & remove the D-Amp Unit as arrow shown.



Caution: During assembling, ensure that the D-Amp Bracket is seated properly on the locator of Inner Chassis.



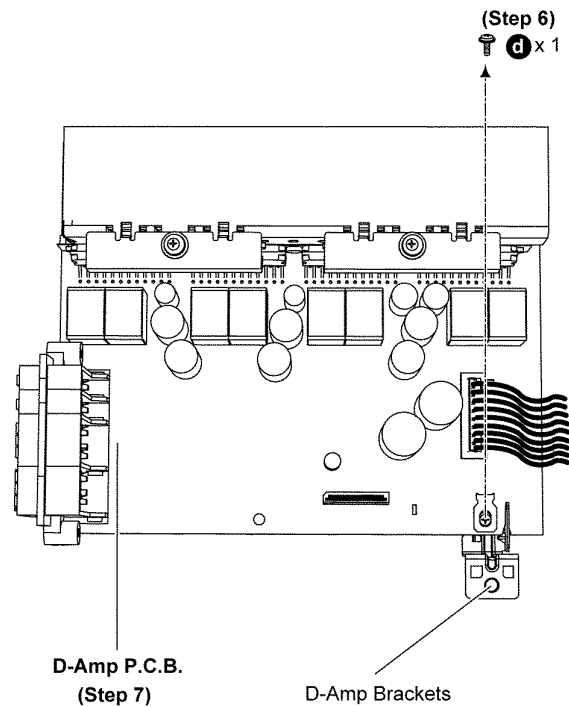
Step 5 Detach 17P FFC at the connector (CN5050) on the D-Amp P.C.B..



Step 6 Remove 2 screws.

Step 7 Remove the D-Amp P.C.B..

Caution: Keep the D-Amp Brackets in safe place, place it back during assembling.

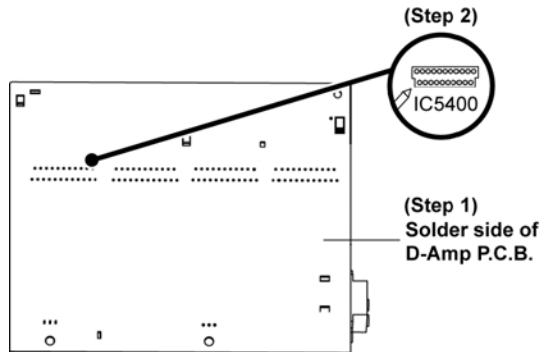


11.19. Replacement of Audio Digital Amp IC (IC5400)

- Refer to “Disassembly of D-Amp P.C.B.”.

Step 1 Upset the D-Amp P.C.B..

Step 2 Desolder pins of the Audio Digital Amp IC (IC5400) on the solder side of the D-Amp P.C.B..

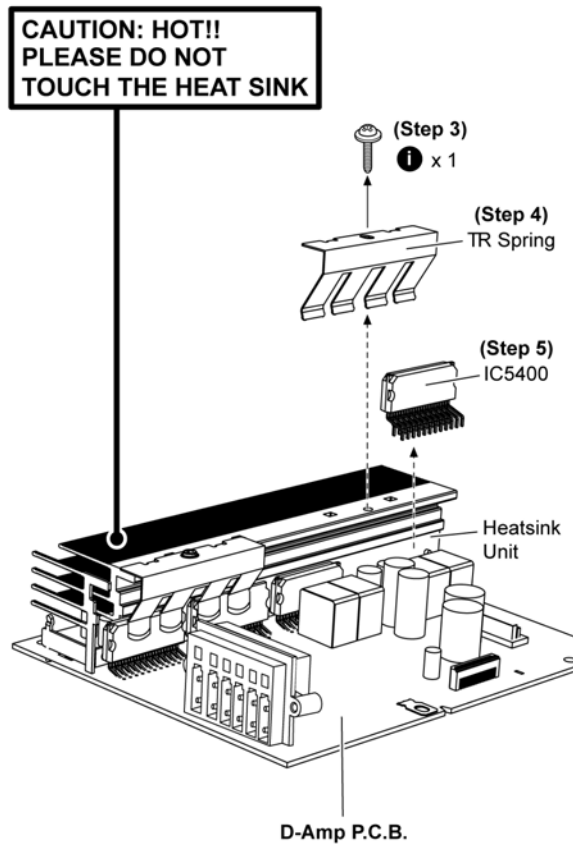


Step 3 Remove 1 screw.

Step 4 Remove TR Spring in the direction of arrow shown.

Step 5 Remove the Audio Digital Amp IC (IC5400).

Caution: During replacement of the part, avoid touching the heatsink due to its high temperature after prolonged use. Touching it may lead to injuries.



11.19.1. Assembly of Audio Digital Amp IC (IC5400)

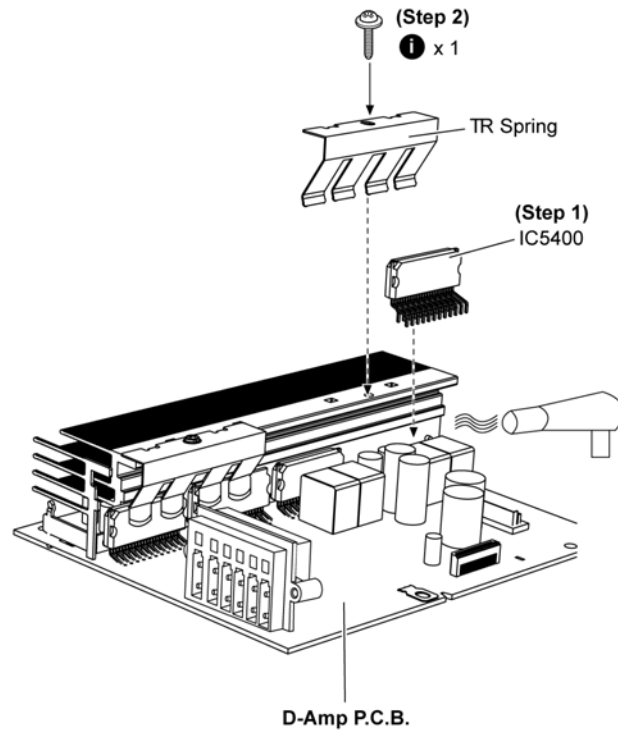
Step 1 Fix the Audio Digital Amp IC (IC5400) on to the D-Amp P.C.B..

Step 2 Screw back the TR Spring to hold the Audio Digital Amp IC (IC5400) onto the Heatsink Unit.

Caution: Ensure pins of the Audio Digital Amp IC (IC5400) are properly inserted into the D-Amp P.C.B..

Step 3 Solder the pins of the Audio Digital Amp IC (IC5400).

Step 4 Use a blower to remove any minute particles after the screwing of the TR Spring.

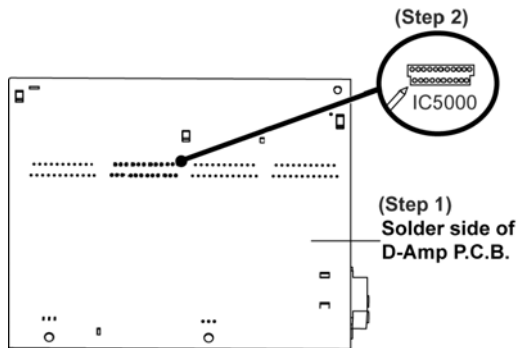


11.20. Replacement of Audio Digital Amp IC (IC5000)

- Refer to “Disassembly of D-Amp P.C.B.”.

Step 1 Upset the D-Amp P.C.B..

Step 2 Desolder pins of the Audio Digital Amp IC (IC5000) on the solder side of the D-Amp P.C.B..

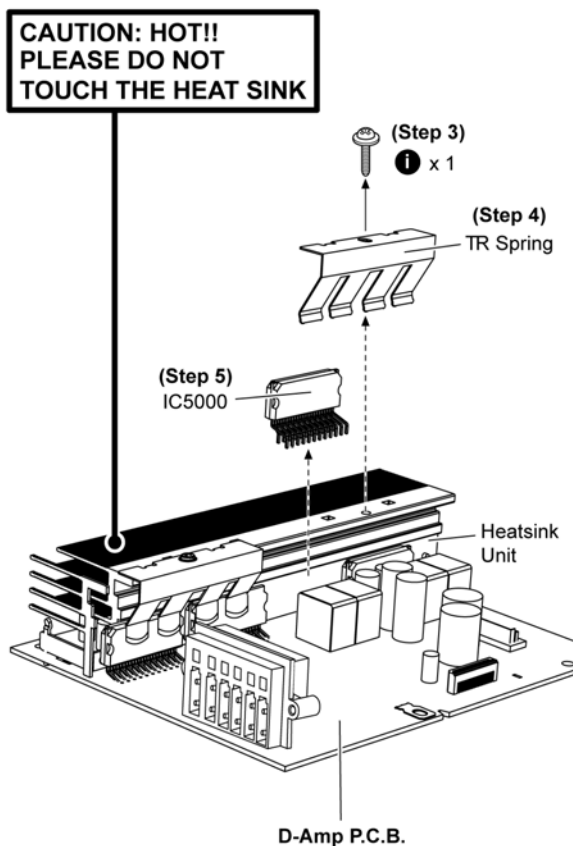


Step 3 Remove 1 screw.

Step 4 Remove the TR Spring in the direction of arrow shown.

Step 5 Remove the Audio Digital Amp IC (IC5000).

Caution: During replacement of the part, avoid touching the heatsink due to it's high temperature after prolonged use. Touching it may lead to injuries.



11.20.1. Assembly of Audio Digital Amp IC (IC5000)

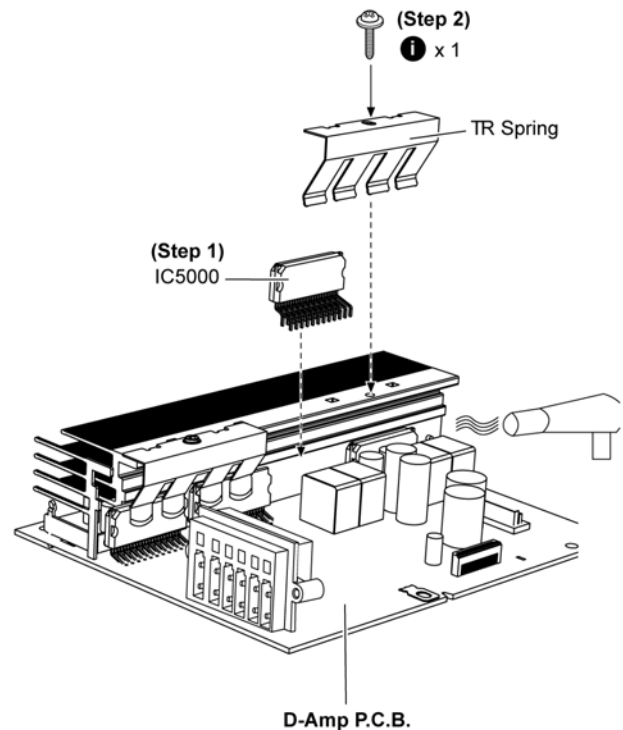
Step 1 Fix the Audio Digital Amp IC (IC5000) on to the D-Amp P.C.B..

Step 2 Screw back the TR Spring to hold the Audio Digital Amp IC (IC5000) onto the Heatsink Unit.

Caution: Ensure pins of the Audio Digital Amp IC (IC5000) are properly inserted into the D-Amp P.C.B..

Step 3 Solder the pins of the Audio Digital Amp IC (IC5000).

Step 4 Use a blower to remove the minute particles after the screwing of the TR Spring.

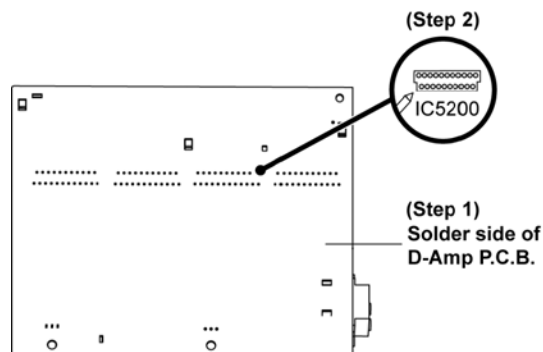


11.21. Replacement of Audio Digital Amp IC (IC5200)

- Refer to “Disassembly of D-Amp P.C.B.”.

Step 1 Upset the D-Amp P.C.B..

Step 2 Desolder pins of the Audio Digital Amp IC (IC5200) on the solder side of the D-Amp P.C.B..

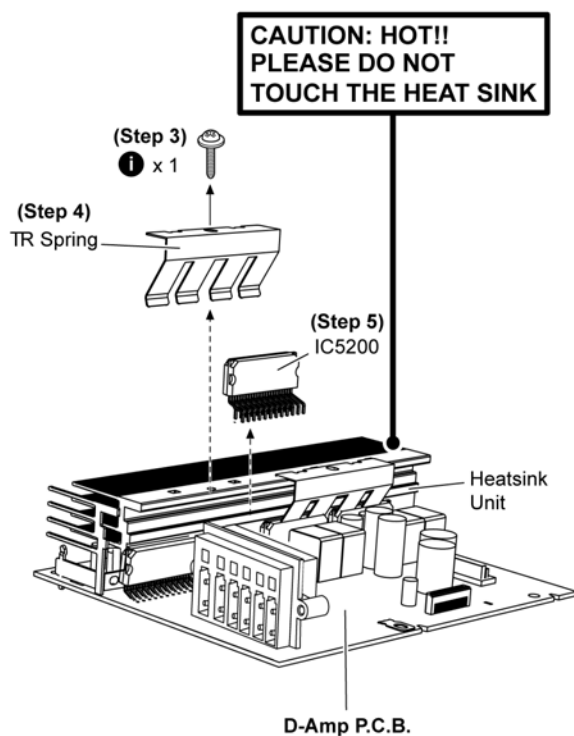


Step 3 Remove 1 screw.

Step 4 Remove the TR Spring in the direction of arrow shown.

Step 5 Remove the Audio Digital Amp IC (IC5200).

Caution: During replacement of the part, avoid touching the heatsink due to its high temperature after prolonged use. Touching it may lead to injuries.



11.21.1. Assembly of Audio Digital Amp IC (IC5200)

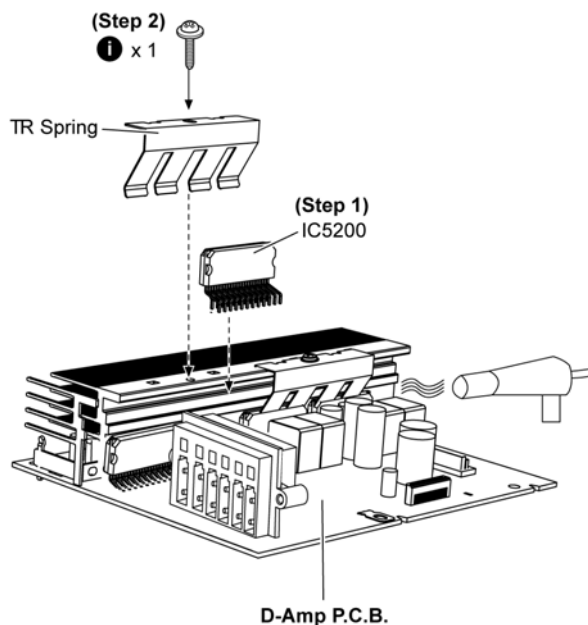
Step 1 Fix the Audio Digital Amp IC (IC5200) on to the D-Amp P.C.B..

Step 2 Screw back the TR Spring to hold the Audio Digital Amp IC (IC5200) onto the Heatsink Unit.

Caution: Ensure pins of the Audio Digital Amp IC (IC5200) are properly inserted into the D-Amp P.C.B..

Step 3 Solder the pins of the Audio Digital Amp IC (IC5200).

Step 4 Use a blower to remove the minute particles after the screwing of the TR Spring.

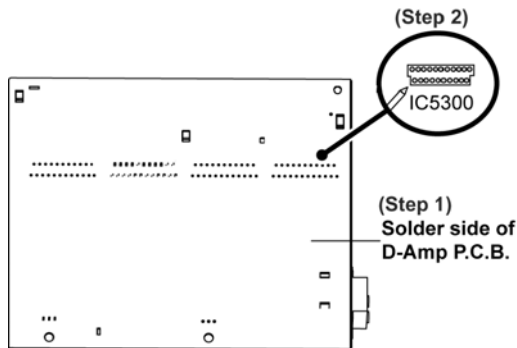


11.22. Replacement of Audio Digital Amp IC (IC5300)

- Refer to “Disassembly of D-Amp P.C.B.”.

Step 1 Upset the D-Amp P.C.B..

Step 2 Desolder pins of the Audio Digital Amp IC (IC5300) on the solder side of the D-Amp P.C.B..

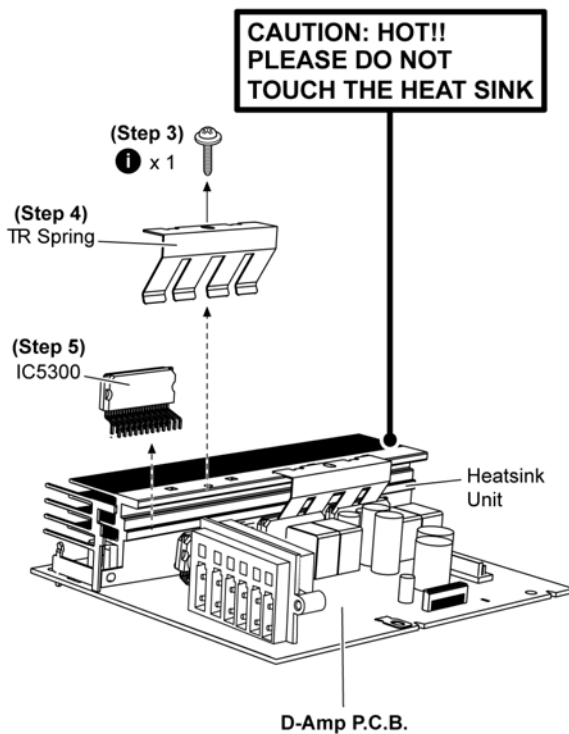


Step 3 Remove 1 screw.

Step 4 Remove the TR Spring in the direction of arrow shown.

Step 5 Remove the Audio Digital Amp IC (IC5300).

Caution: During replacement of the part, avoid touching the heatsink due to it's high temperature after prolonged use. Touching it may lead to injuries.



11.22.1. Assembly of Audio Digital Amp IC (IC5300)

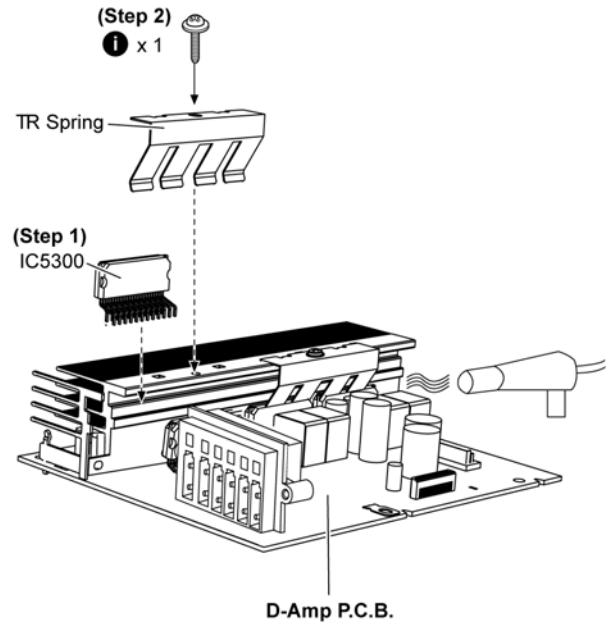
Step 1 Fix the Audio Digital Amp IC (IC5300) on to the D-Amp P.C.B..

Step 2 Screw back the TR Spring to hold the Audio Digital Amp IC (IC5300) onto the Heatsink Unit.

Caution: Ensure pins of the Audio Digital Amp IC (IC5300) are properly inserted into the D-Amp P.C.B..

Step 3 Solder the pins of the Audio Digital Amp IC (IC5300).

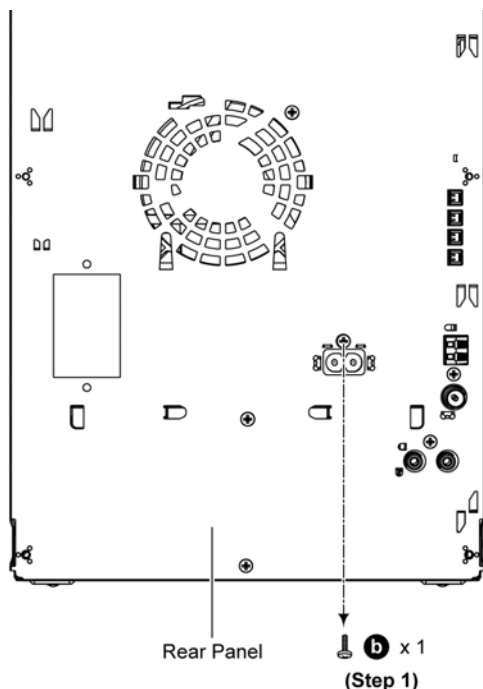
Step 4 Use a blower to remove the minute particles after the screwing of the TR Spring.



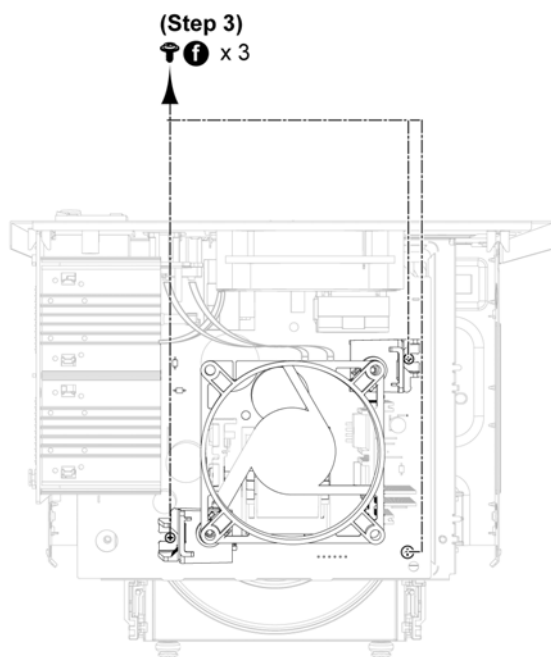
11.23. Disassembly of SMPS P.C.B.

- Refer to “Disassembly of Top Cabinet”.
- Refer to “Disassembly of Front Panel Unit”.
- Refer to “Disassembly of D-Amp P.C.B.”.

Step 1 Remove 1 screw.



Step 2 Remove 3 screws.

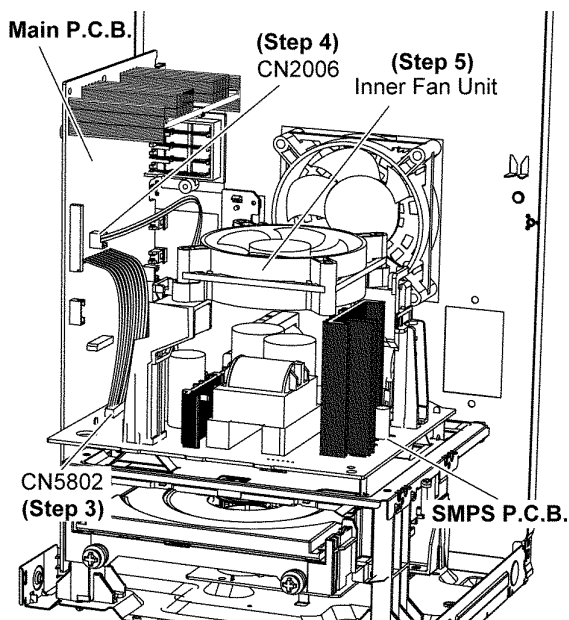


Step 3 Detach 15P Cable Wire at the connector (CN5802) on the SMPS P.C.B..

Step 4 Detach 2P Cable Wire at the connector (CN2006) on the Main P.C.B..

Step 5 Remove the Inner Fan Unit.

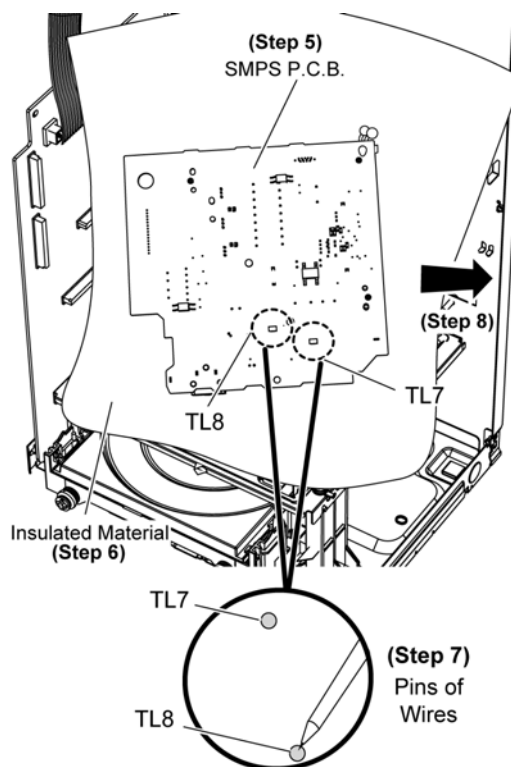
Caution: Keep the Fan Fixtures in safe place, place it back during assembling.



Step 6 Upset the SMPS P.C.B. and place it on the insulated material.

Step 7 Desolder Black Wire (TL7) and Red Wire (TL8).

Step 8 Remove the SMPS P.C.B..

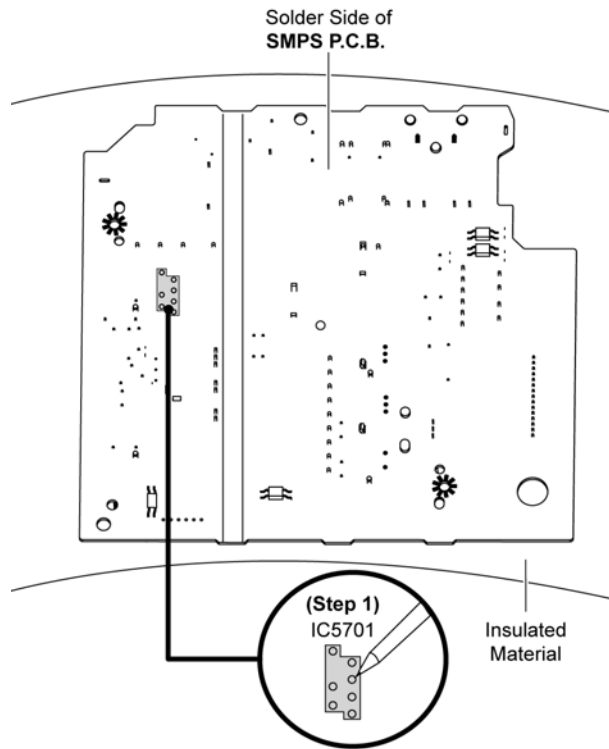


11.24. Replacement of Switching Regulator IC (IC5701)

- Refer to “Disassembly of SMPS P.C.B.”.

11.24.1. Disassembly of Switching Regulator IC (IC5701)

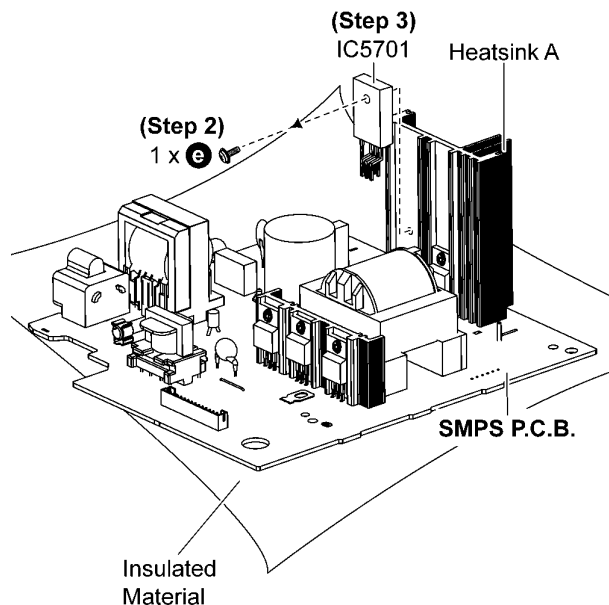
Step 1 Desolder pins of the Switching Regulator IC (IC5701) on the solder side of the SMPS P.C.B..



Step 2 Remove 1 screw.

Step 3 Remove the Switching Regulator IC (IC5701).

Caution: Avoid touching the Heatsink A due to its high temperature after prolonged use. Touching it may lead to injuries.



11.24.2. Assembly of Switching Regulator IC (IC5701)

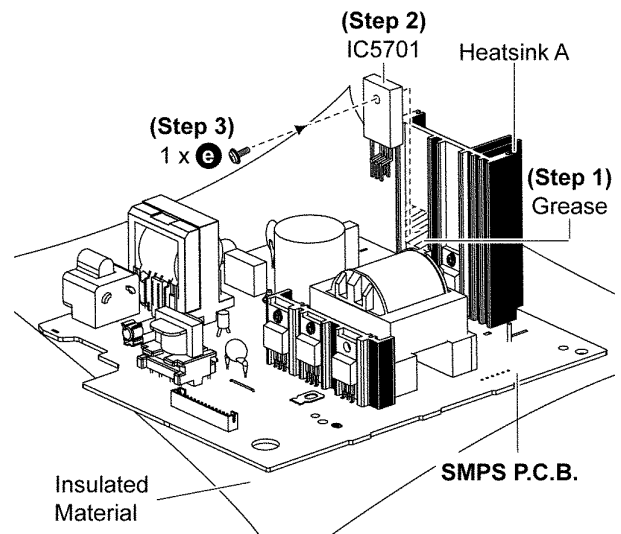
Step 1 Apply grease to the Heatsink A.

Step 2 Fix the Switching Regulator IC (IC5701) to the SMPS P.C.B..

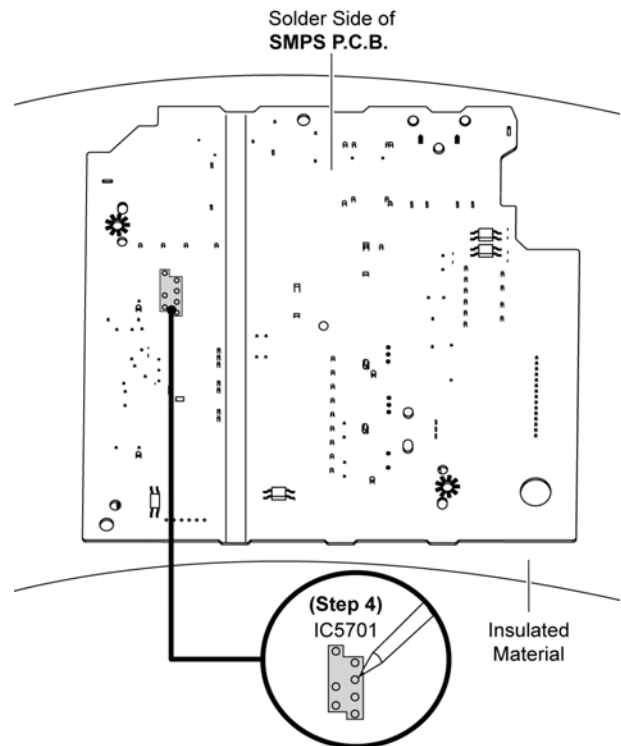
Caution: Ensure pins of the Switching Regulator IC (IC5701) are properly inserted into the SMPS P.C.B..

Step 3 Screw the Switching Regulator IC (IC5701) to the Heatsink A.

Caution: Ensure the Switching Regulator IC (IC5701) is tightly screwed to the Heatsink A.



Step 4 Solder pins of the Switching Regulator IC (IC5701) on the solder side of the SMPS P.C.B..



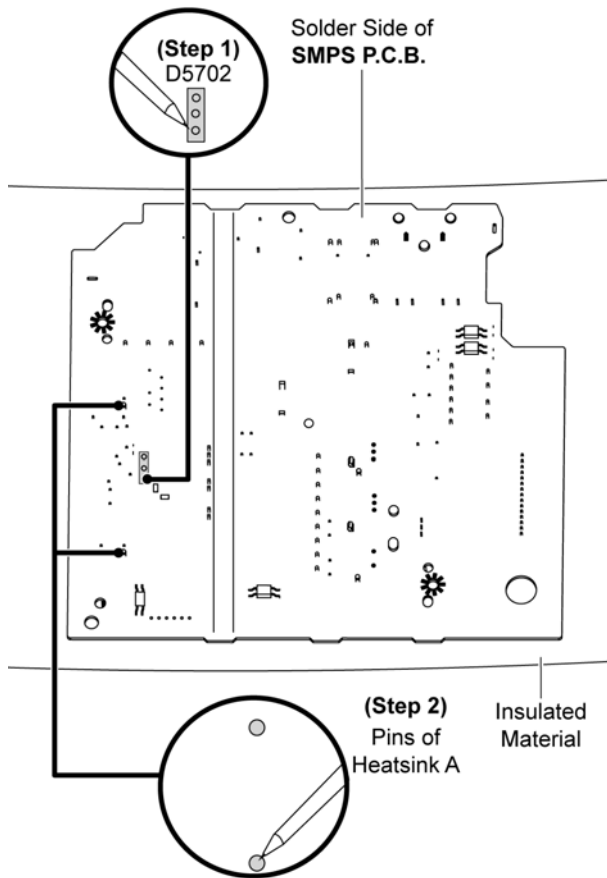
11.25. Replacement of Rectifier Diode (D5702)

- Refer to “Disassembly of SMPS P.C.B.”.

11.25.1. Disassembly of Rectifier Diode (D5702)

Step 1 Desolder pins of the Rectifier Diode (D5702) on the solder side of the SMPS P.C.B.

Step 2 Desolder pins of the Heatsink A.



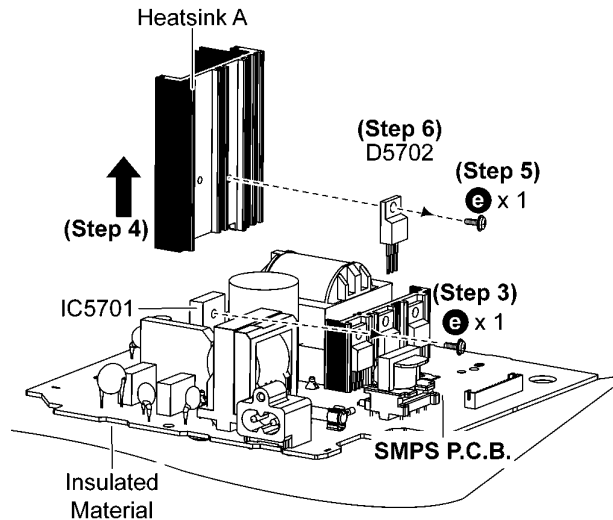
Step 3 Remove 1 screw at the Switching Regulator IC (IC5701).

Step 4 Remove the Heatsink A with Rectifier Diode (D5702).

Step 5 Remove 1 screw.

Step 6 Remove the Rectifier Diode (D5702) from the Heatsink A.

Caution: Avoid touching the Heatsink A due to its high temperature after prolong use. Touching it may lead to injuries.



11.25.2. Assembly of Rectifier Diode (D5702)

Step 1 Apply grease to the Heatsink A.

Step 2 Screw the Rectifier Diode (D5702) to the Heatsink A.

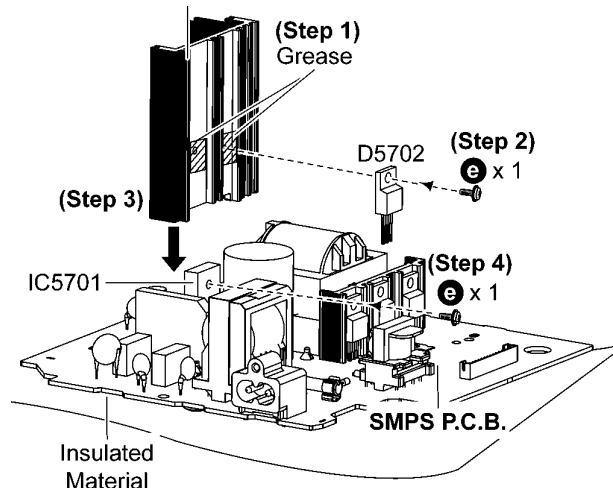
Caution: Ensure the Rectifier Diode (D5702) is tightly screwed to the Heatsink A.

Step 3 Fix the Heatsink A with Rectifier Diode (D5702) on the SMPS P.C.B. as shown.

Caution: Ensure the Heatsink A with Rectifier Diode (D5702) are properly inserted into the SMPS P.C.B..

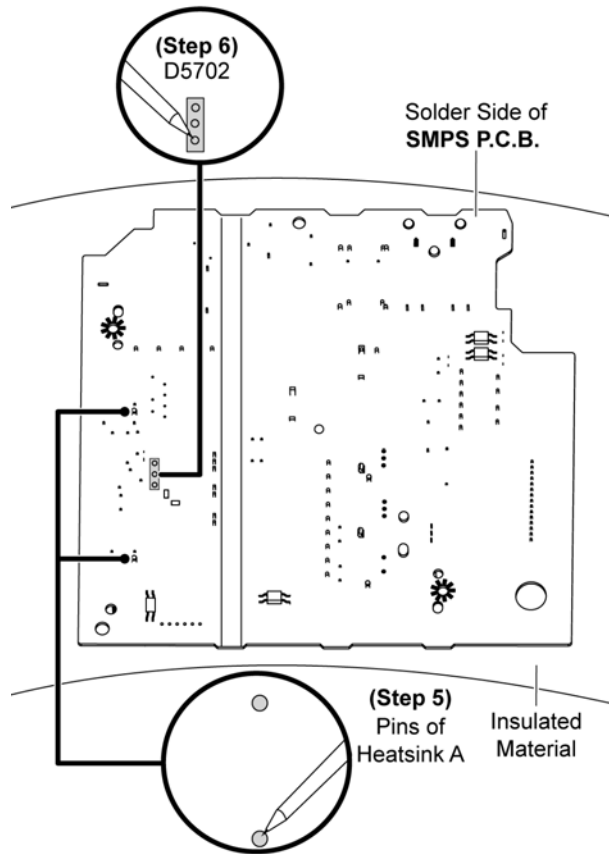
Step 4 Screw the Switching Regulator IC (IC5701) to the Heatsink A.

Caution: Ensure that the Switching Regulator IC (IC5701) is tightly screwed to the Heatsink A.



Step 5 Solder pins of the Rectifier Diode (D5702) on the solder side of the SMPS P.C.B..

Step 6 Solder pins of the Heatsink A on the solder side of the SMPS P.C.B..



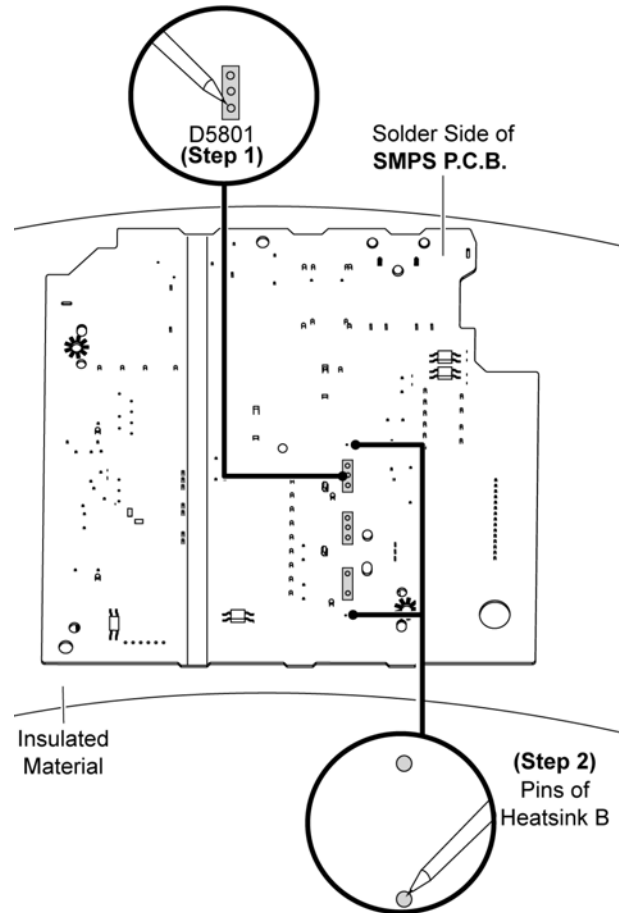
11.26. Replacement of Rectifier Diode (D5801)

• Refer to "Disassembly of SMPS P.C.B..".

11.26.1. Disassembly of Rectifier Diode (D5801)

Step 1 Desolder pins of the Rectifier Diode (D5801) on the solder side of the SMPS P.C.B..

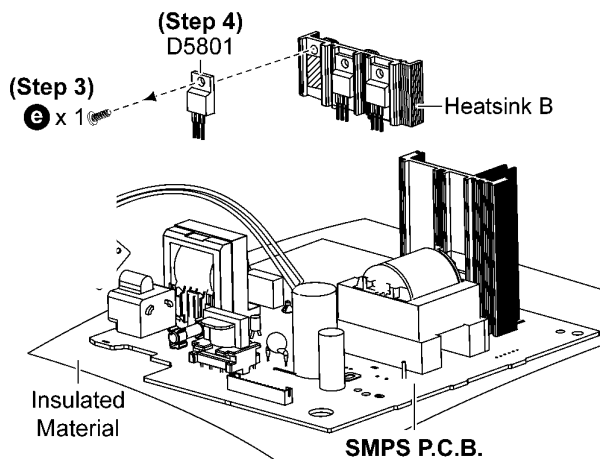
Step 2 Desolder pins of the Heatsink B.



Step 3 Remove 1 screw at Rectifier Diode (D5801).

Step 4 Remove the Rectifier Diode (D5801) from the SMPS P.C.B..

Caution: Avoid touching the Heatsink B due to its high temperature after prolonged use. Touching it may lead to injuries.



11.26.2. Assembly of Rectifier Diode (D5801)

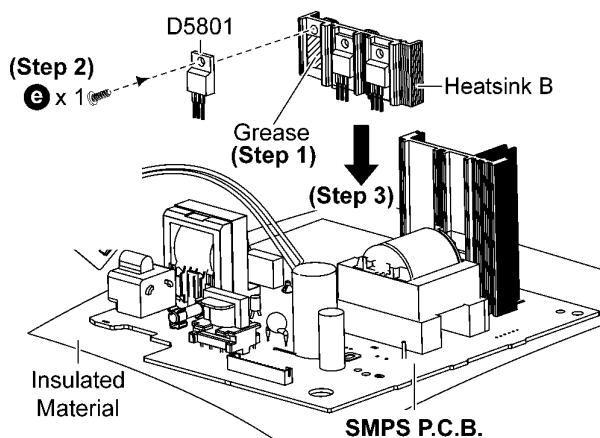
Step 1 Apply grease to the Heatsink B.

Step 2 Screw the Rectifier Diode (D5801) to the Heatsink B.

Caution: Ensure the Rectifier Diode (D5801) is tightly screwed to the Heatsink B.

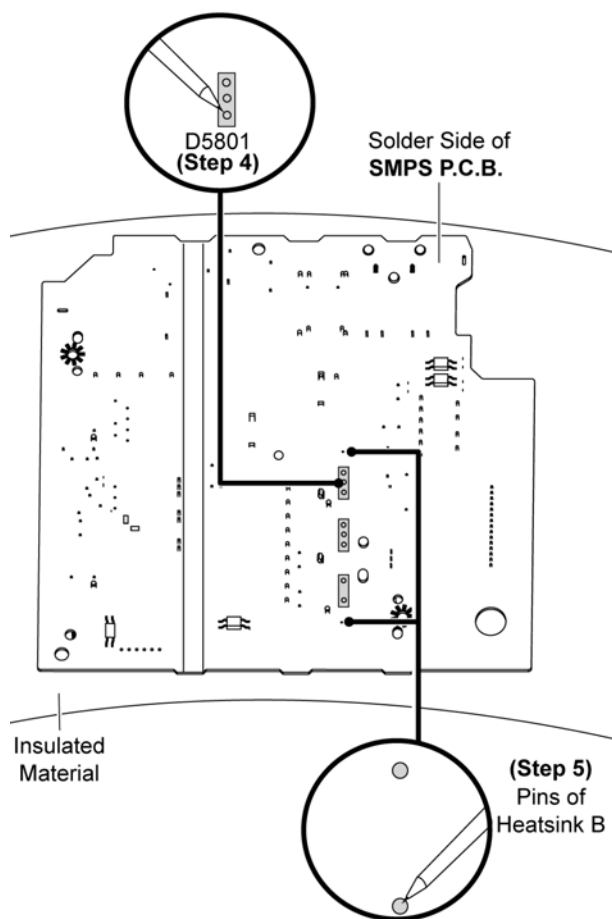
Step 3 Fix the Heatsink B with Rectifier Diode (D5801) on the SMPS P.C.B..

Caution: Ensure pins of the Rectifier Diode (D5801) are properly inserted into the SMPS P.C.B..



Step 4 Solder pins of the Rectifier Diode (D5801) on the solder side of the SMPS P.C.B..

Step 5 Solder pins of the Heatsink B.



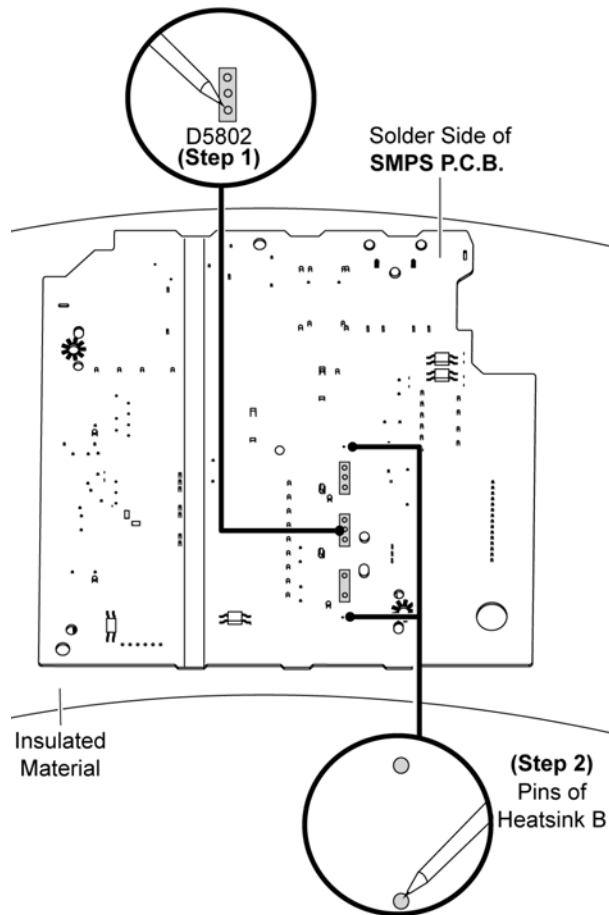
11.27. Replacement of Rectifier Diode (D5802)

- Refer to “Disassembly of SMPS P.C.B.”.

11.27.1. Disassembly of Rectifier Diode (D5802)

Step 1 Desolder pins of the Rectifier Diode (D5802) on the solder side of the SMPS P.C.B.

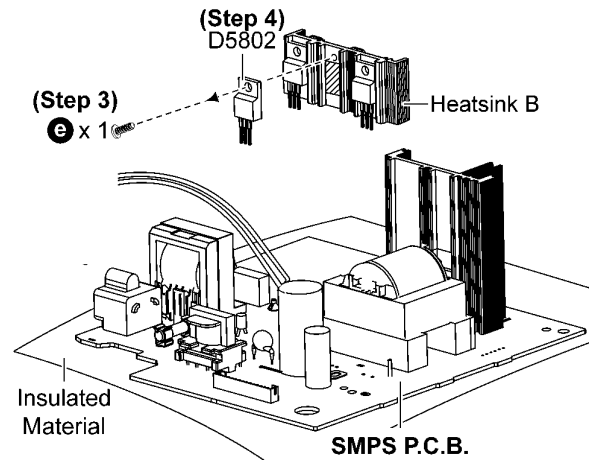
Step 2 Desolder pins of the Heatsink B.



Step 3 Remove 1 screw at Rectifier Diode (D5802).

Step 4 Remove the Rectifier Diode (D5802) from the SMPS P.C.B..

Caution: Avoid touching the Heatsink B due to its high temperature after prolong use. Touching it may lead to injuries.



11.27.2. Assembly of Rectifier Diode (D5802)

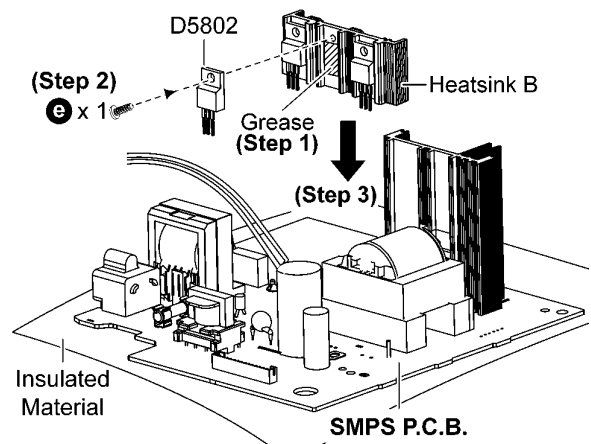
Step 1 Apply grease to the Heatsink B.

Step 2 Screw the Rectifier Diode (D5802) to the Heatsink B.

Caution: Ensure the Rectifier Diode (D5802) is tightly screwed to the Heatsink B.

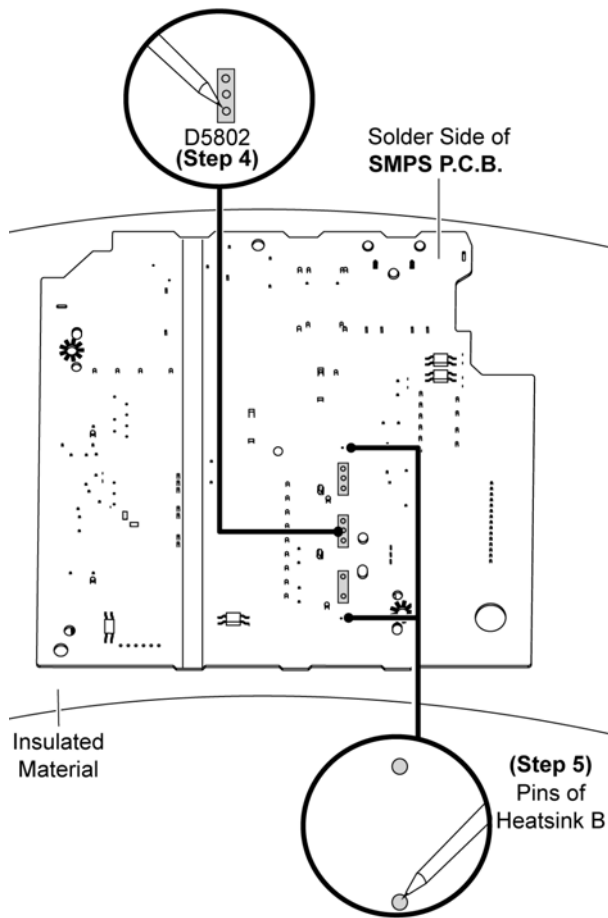
Step 3 Fix the Heatsink B with Rectifier Diode (D5802) on the SMPS P.C.B..

Caution: Ensure pins of the Rectifier Diode (D5802) are properly inserted into the SMPS P.C.B..



Step 4 Solder pins of the Rectifier Diode (D5802) on the solder side of SMPS P.C.B..

Step 5 Solder pins of the Heatsink B..



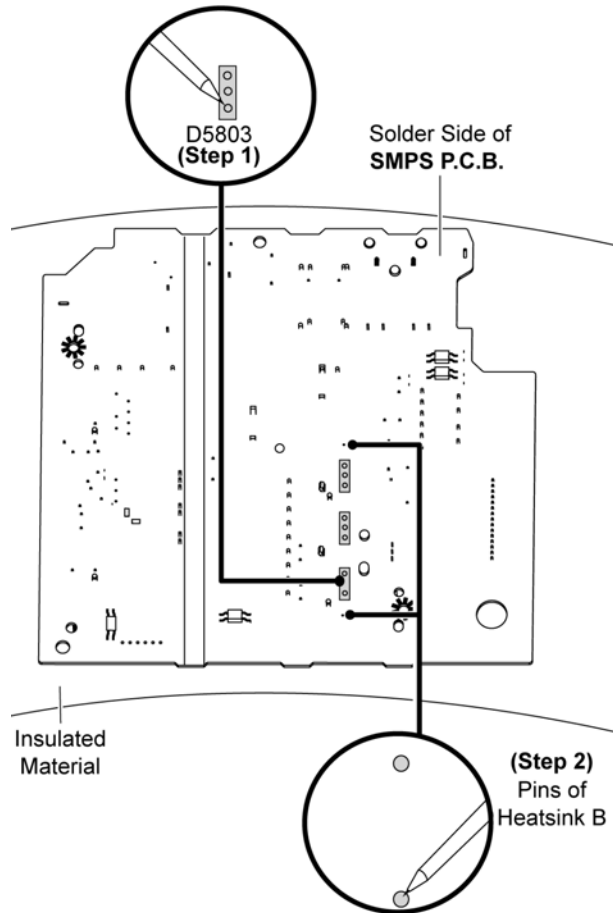
11.28. Replacement of Regulator Diode (D5803)

• Refer to "Disassembly of SMPS P.C.B."

11.28.1. Disassembly of Rectifier Diode (D5803)

Step 1 Desolder pins of the Rectifier Diode (D5803) on the solder side of SMPS P.C.B..

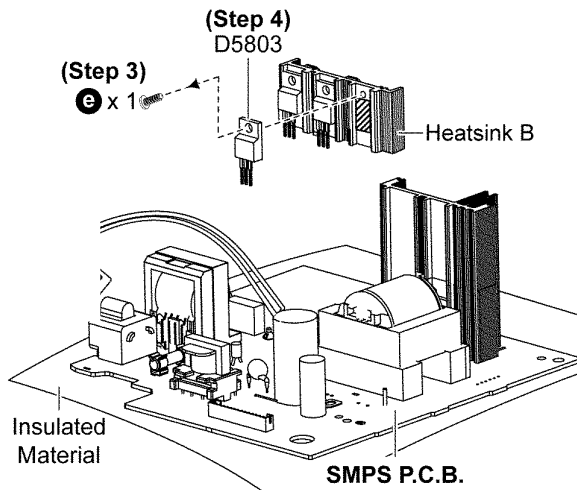
Step 2 Desolder pins of the Heatsink B.



Step 3 Remove 1 screw at Rectifier Diode (D5803).

Step 4 Remove the Rectifier Diode (D5803) from SMPS P.C.B..

Caution: Avoid touching the Heatsink B due to its high temperature after prolonged use. Touching it may lead to injuries.



11.28.2. Assembly of Rectifier Diode (D5803)

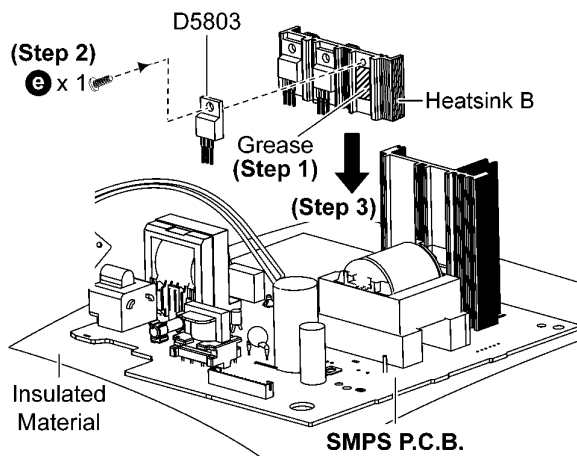
Step 1 Apply grease to the Heatsink B.

Step 2 Screw the Rectifier diode (D5803) to the Heatsink B.

Caution: Ensure the Rectifier Diode (D5803) is tightly screwed to the Heatsink B.

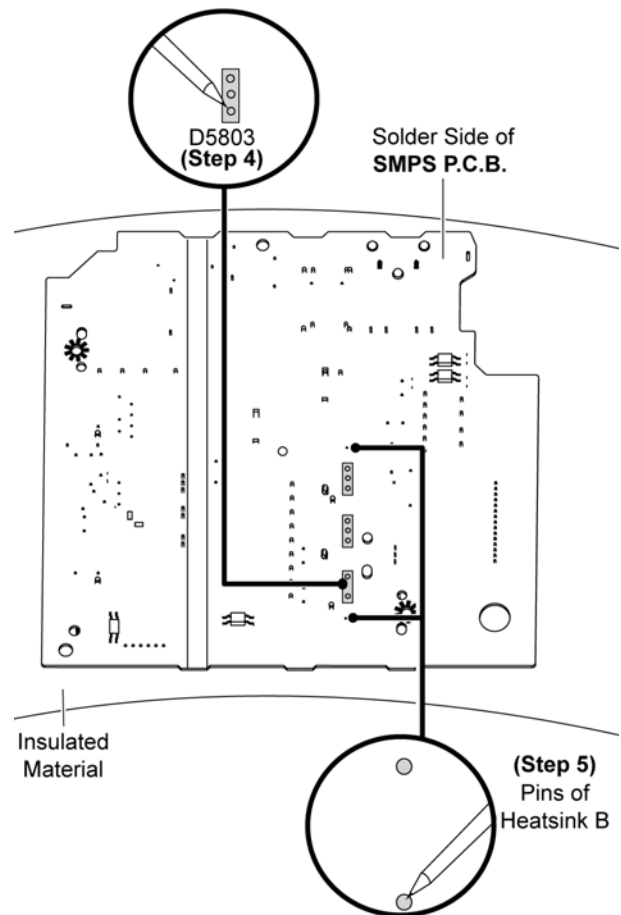
Step 3 Fix the Heatsink B with Rectifier Diode (D5803) on SMPS P.C.B.

Caution: Ensure pins of the Rectifier Diode (D5803) are properly inserted into the SMPS P.C.B..



Step 4 Solder pins of the Rectifier Diode (D5803) on the solder side of the SMPS P.C.B.

Step 5 Solder pins of the Heatsink B..

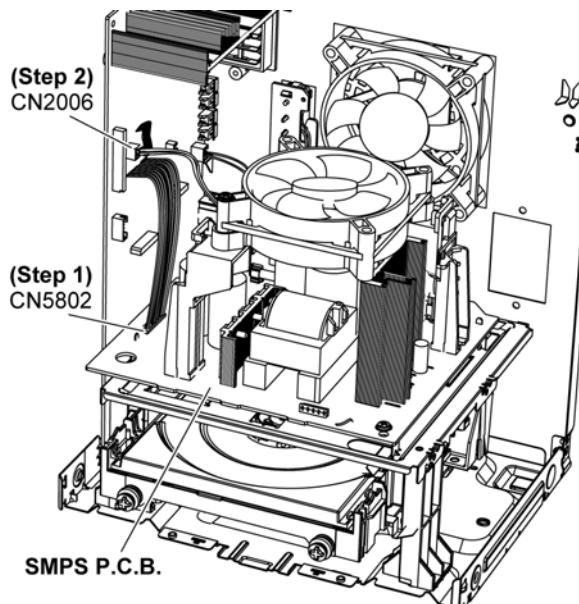


11.29. Disassembly of CD Mechanism Unit (BRS11C)

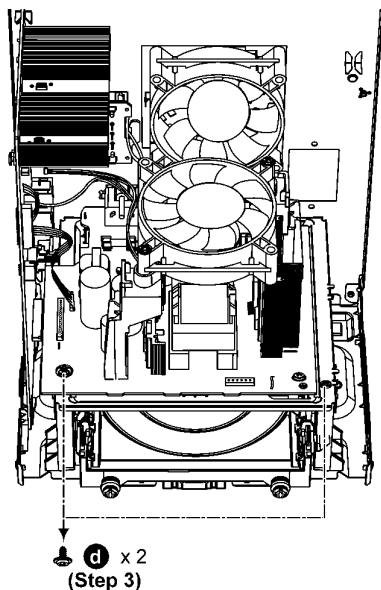
- Refer to “Disassembly of Top Cabinet”.
- Refer to “Disassembly of Front Panel Unit”.
- Refer to “Disassembly of D-Amp P.C.B.”.

Step 1 Detach 15P Cable Wire at the connector (CN5802) on SMPS P.C.B..

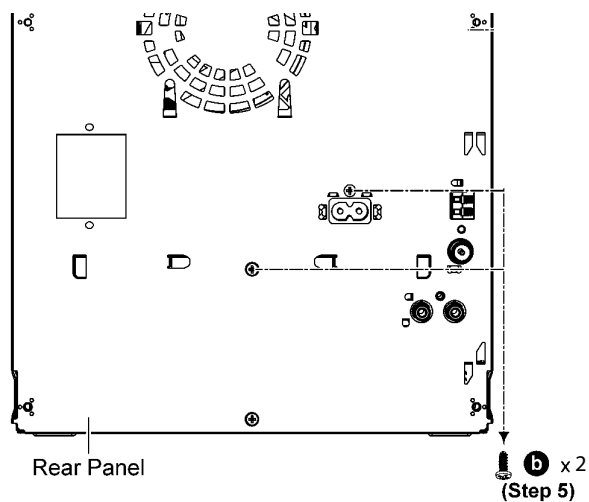
Step 2 Detach 2P Cable Wire at the connector (CN2006) on Main P.C.B..



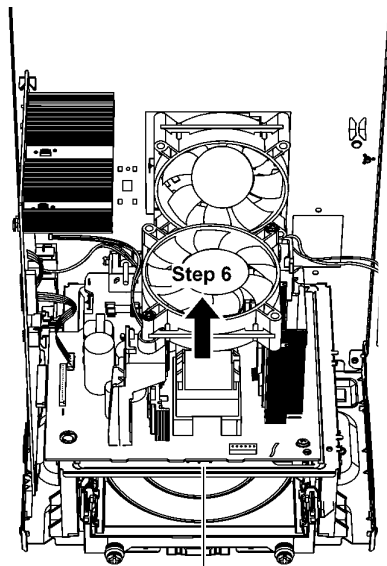
Step 3 Remove 2 screws.



Step 4 Remove 2 screws.

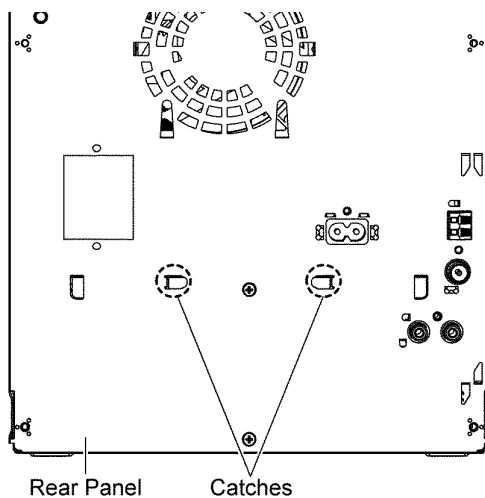


Step 5 Lift up and remove the SMPS Inner Chassis Unit.

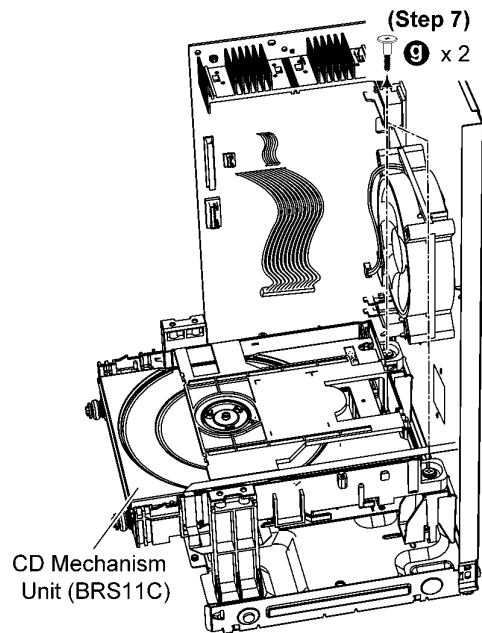


SMPS Inner Chassis Unit

Caution: During assembling, ensure that the SMPS Inner Chassis is caught onto the Rear Panel properly.



Step 7 Remove 2 screws.



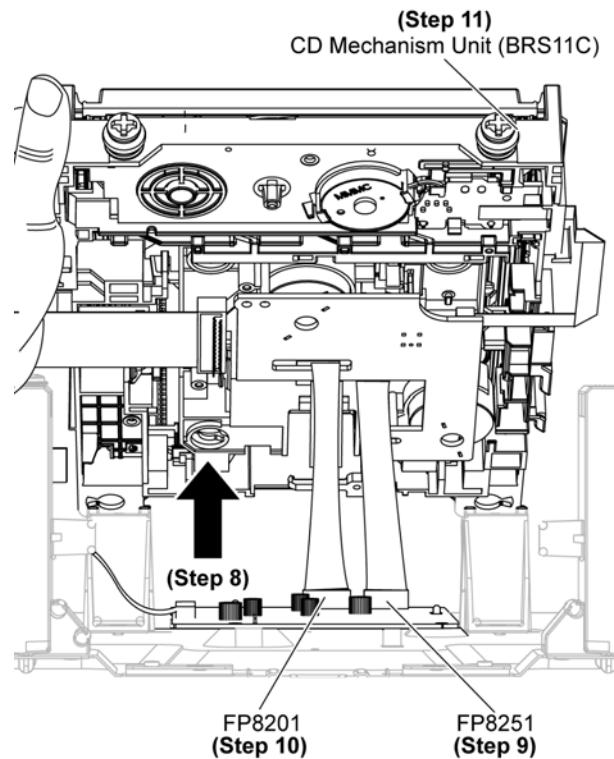
Step 8 Slightly lift up the CD Mechanism Unit (BRS11C) as shown.

Caution: Do not exert too much force as it may damage the wiring within.

Step 9 Detach 10P FFC at the connector (FP8251) on CD Servo P.C.B..

Step 10 Detach 24P FFC at the connector (FP8201) on CD Servo P.C.B..

Step 11 Remove the CD Mechanism Unit (BRS11C).



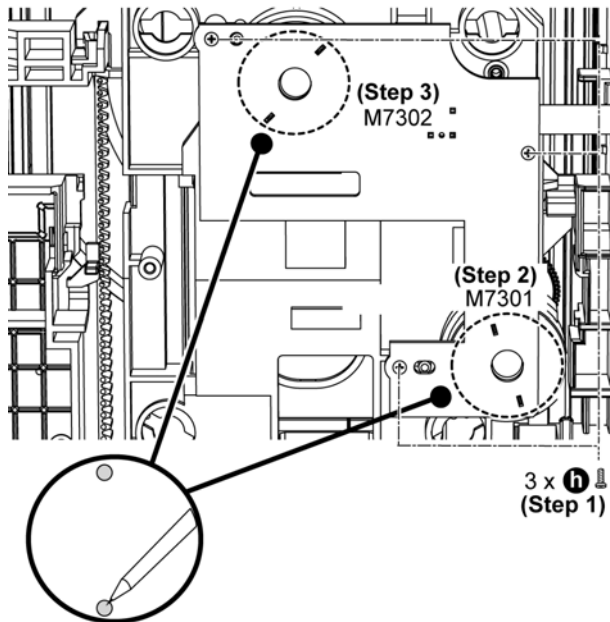
11.30. Disassembly of CD Interface P.C.B.

- Refer to “Disassembly of CD Mechanism Unit (BRS11C)”.

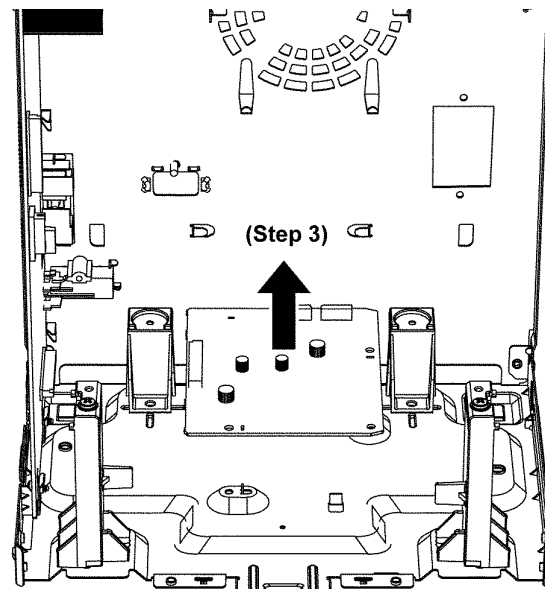
Step 1 Remove 3 screws.

Step 2 Desolder pins of the motor (M7301).

Step 3 Desolder pins of the motor (M7302).



Step 3 Remove the CD Servo P.C.B..

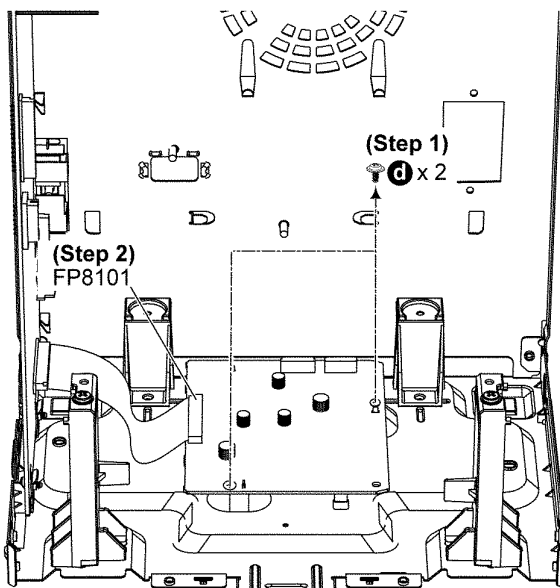


11.31. Disassembly of CD Servo P.C.B.

- Refer to “Disassembly of CD Mechanism Unit (BRS11C)”.

Step 1 Remove 2 screws.

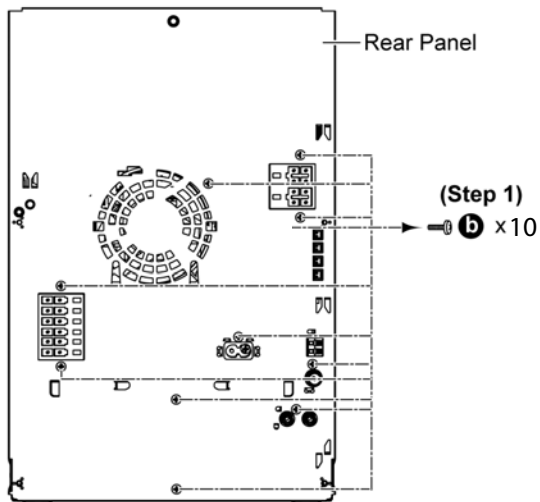
Step 2 Detach 30P FFC at the connector (FP8101).



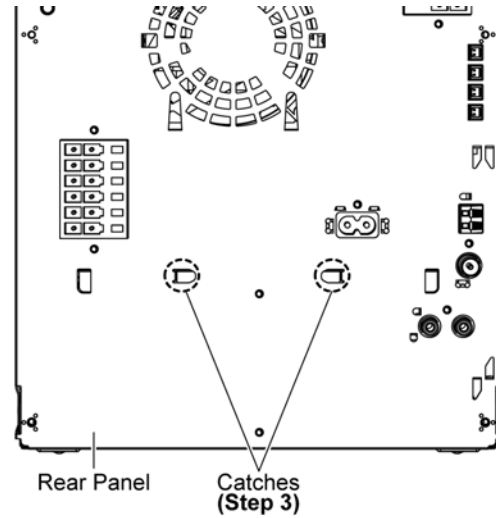
11.32. Disassembly of Rear Panel

- Refer to “Disassembly of Top Cabinet”.

Step 1 Remove 10 screws.

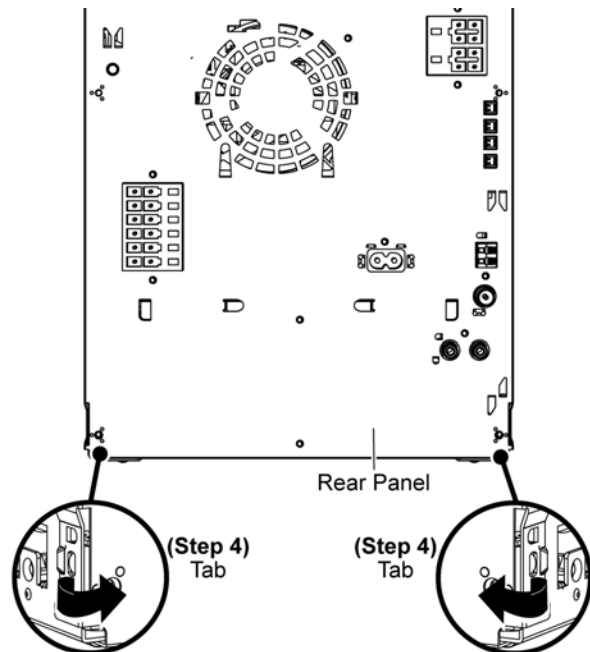


Step 2 Lift up SMPS Inner Chassis Unit to release the catch between the SMPS Inner Chassis Unit & the Rear Panel.



Step 3 Release 2 tabs.

Step 4 Remove the Rear Panel.



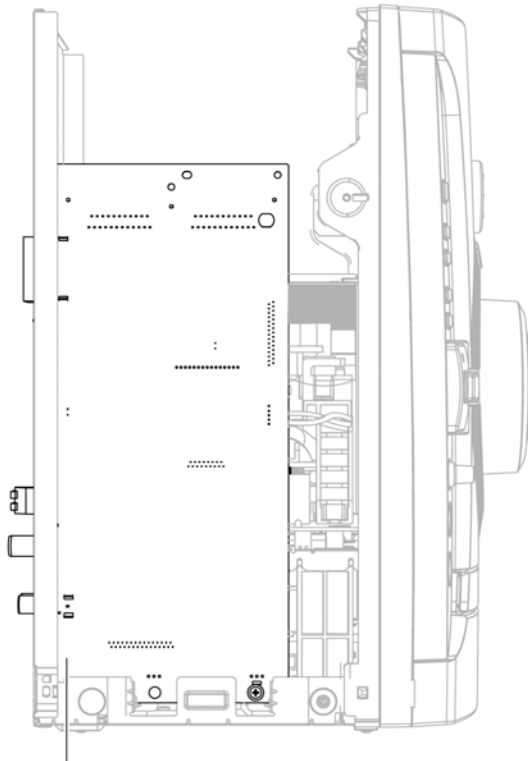
12 Service Position

Note: For description of the disassembly procedures, see the Section 11.

12.1. Checking and Repairing of Main P.C.B.

Step 1 Remove Top Cabinet.

Step 2 Main P.C.B. can be checked & repaired at its original position.

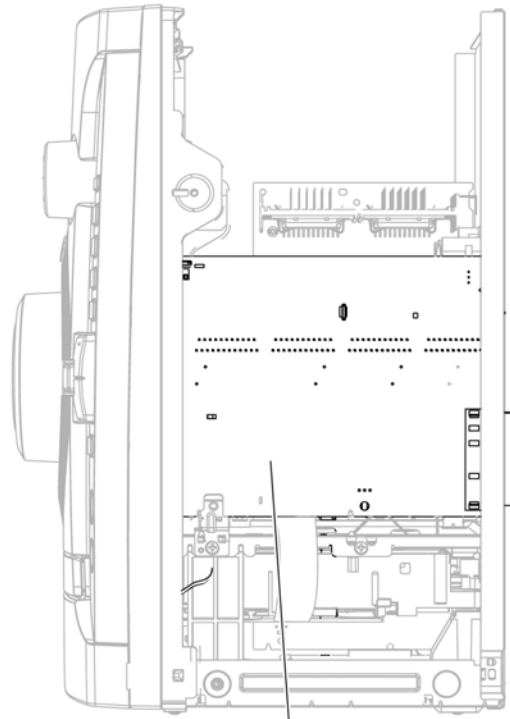


**Main P.C.B.
(Step 2)**

12.2. Checking and Repairing of D-Amp P.C.B.

Step 1 Remove Top Cabinet.

Step 2 D-Amp P.C.B. can be checked & repaired as diagram shown.



D-Amp P.C.B.

12.3. Checking and Repairing of Panel P.C.B.

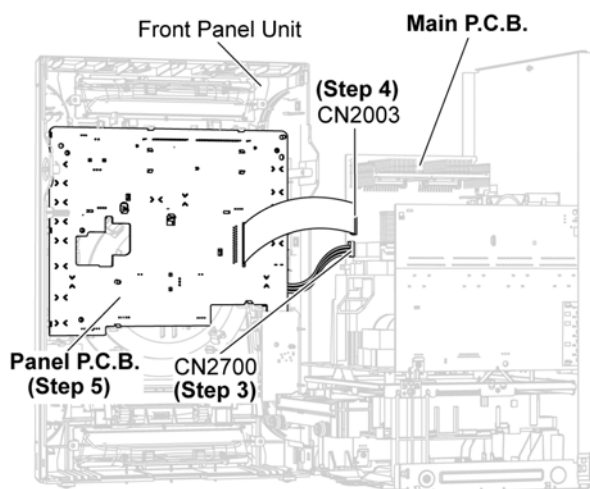
Step 1 Remove Top Cabinet.

Step 2 Remove Front Panel Unit.

Step 3 Attach 5P Cable Wire to the connector (CN2700) on Main P.C.B..

Step 4 Attach 27P FFC to the connector (CN2003) on Main P.C.B..

Step 5 Panel P.C.B. can be checked and repaired as diagram shown.



12.4. Checking and Repairing of SMPS P.C.B.

Step 1 Remove Top Cabinet.

Step 2 Remove Front Panel Unit.

Step 3 Remove D-Amp P.C.B..

Step 4 Remove Inner Fan Unit.

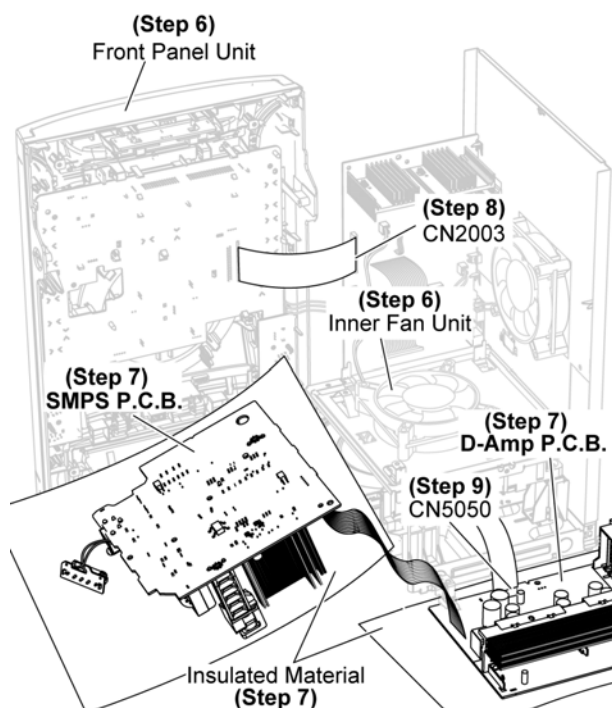
Step 5 Remove SMPS P.C.B..

Step 6 Place the Front Panel Unit, Inner Fan Unit as diagram shown.

Step 7 Place the SMPS P.C.B., D-Amp P.C.B. on the insulated material.

Step 8 Attach 27P FFC to the connector (CN2003) on Main P.C.B..

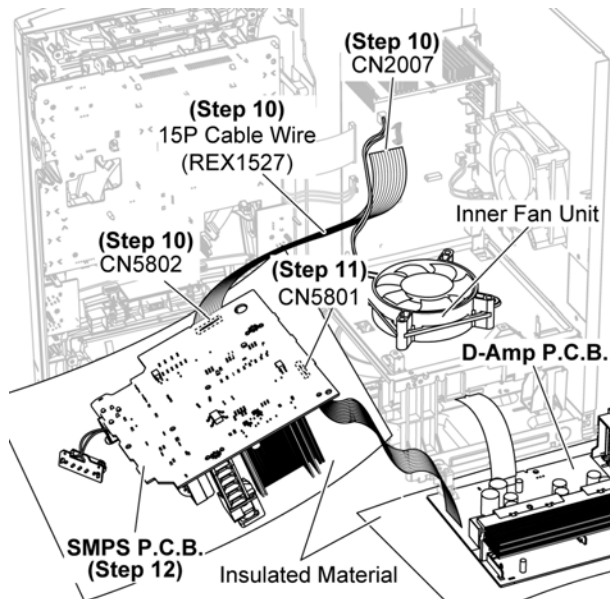
Step 9 Attach 17P FFC to the connector (CN5050) on D-Amp P.C.B..



Step 10 Extend the Cable Wire with extension Cable Wire (REX1527 15P Cable Wire) from CN2007 on Main P.C.B. to CN5802 on SMPS P.C.B..

Step 11 Connect 6P Cable Wire to the connector (CN5801) on SMPS P.C.B..

Step 12 SMPS P.C.B. can be checked & repaired as diagram shown.



12.5. Checking and Repairing of CD Servo P.C.B. (Side A)

Step 1 Remove Top Cabinet.

Step 2 Remove Front Panel Unit.

Step 3 Remove D-Amp P.C.B..

Step 4 Remove SMPS Inner Chassis Unit.

Step 5 Remove CD Mechanism Unit (BRS11C).

Step 6 Remove Main P.C.B..

Step 7 Remove Rear Panel.

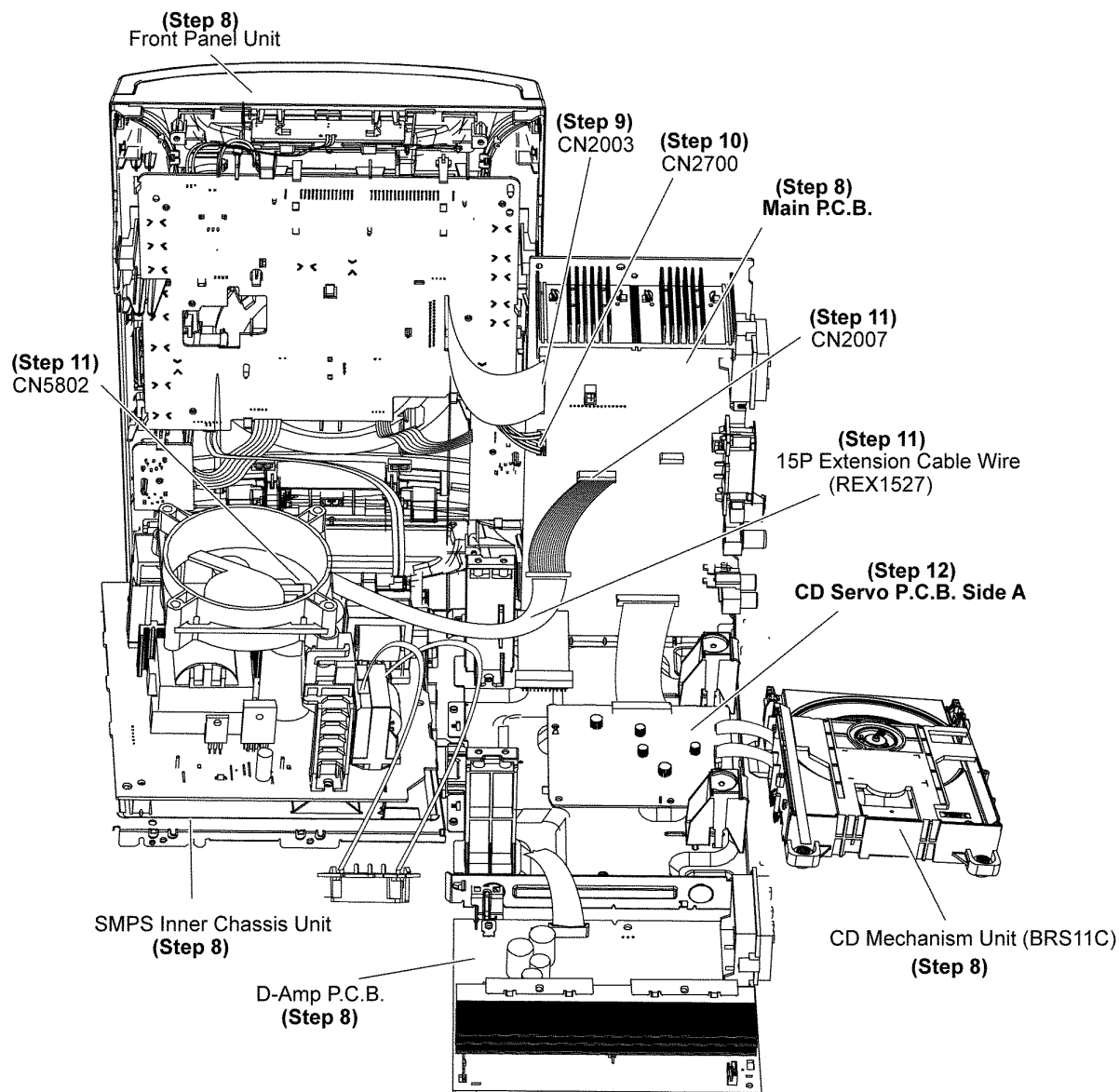
Step 8 Place the Front Panel Unit, D-Amp P.C.B., SMPS Inner Chassis Unit, CD Mechanism Unit (BRS11C), Main P.C.B as diagram shown.

Step 9 Attach 27P FFC to the connector (CN2003) on the Main P.C.B..

Step 10 Attach 5P Cable Wire to the connector (CN2700) on the Main P.C.B..

Step 11 Extend the Cable Wire with extension Cable Wire (REX1527 15P Cable Wire) from CN2007 on Main P.C.B. to CN5802 on the SMPS P.C.B..

Step 12 CD Servo P.C.B. Side A can be checked and repaired as diagram shown.

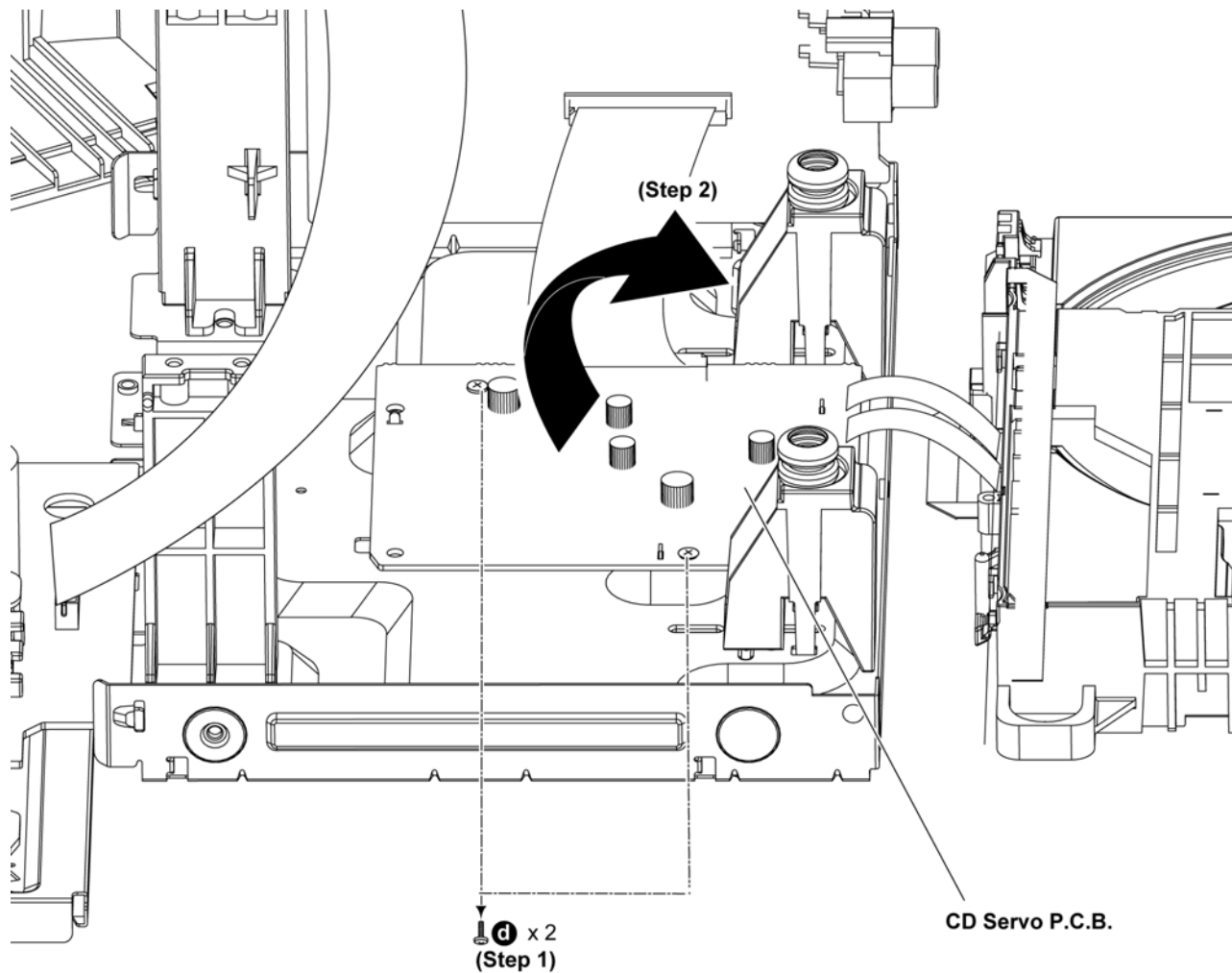


12.6. Checking and Repairing of CD Servo P.C.B. (Side B)

- Refer to “Checking and repairing of CD Servo P.C.B. (Side A)”.

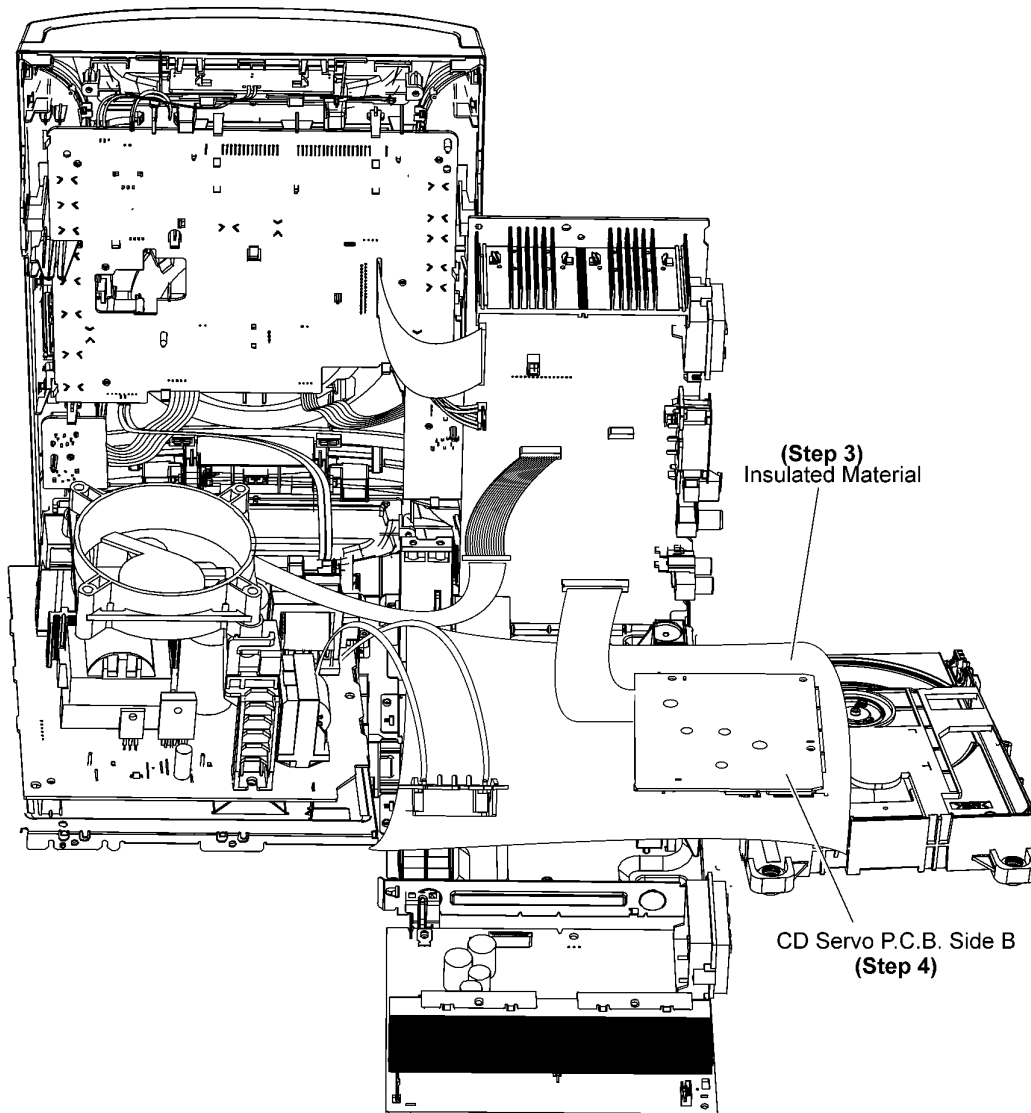
Step 1 Remove 2 screws.

Step 2 Flip the Servo P.C.B. as illustration show.



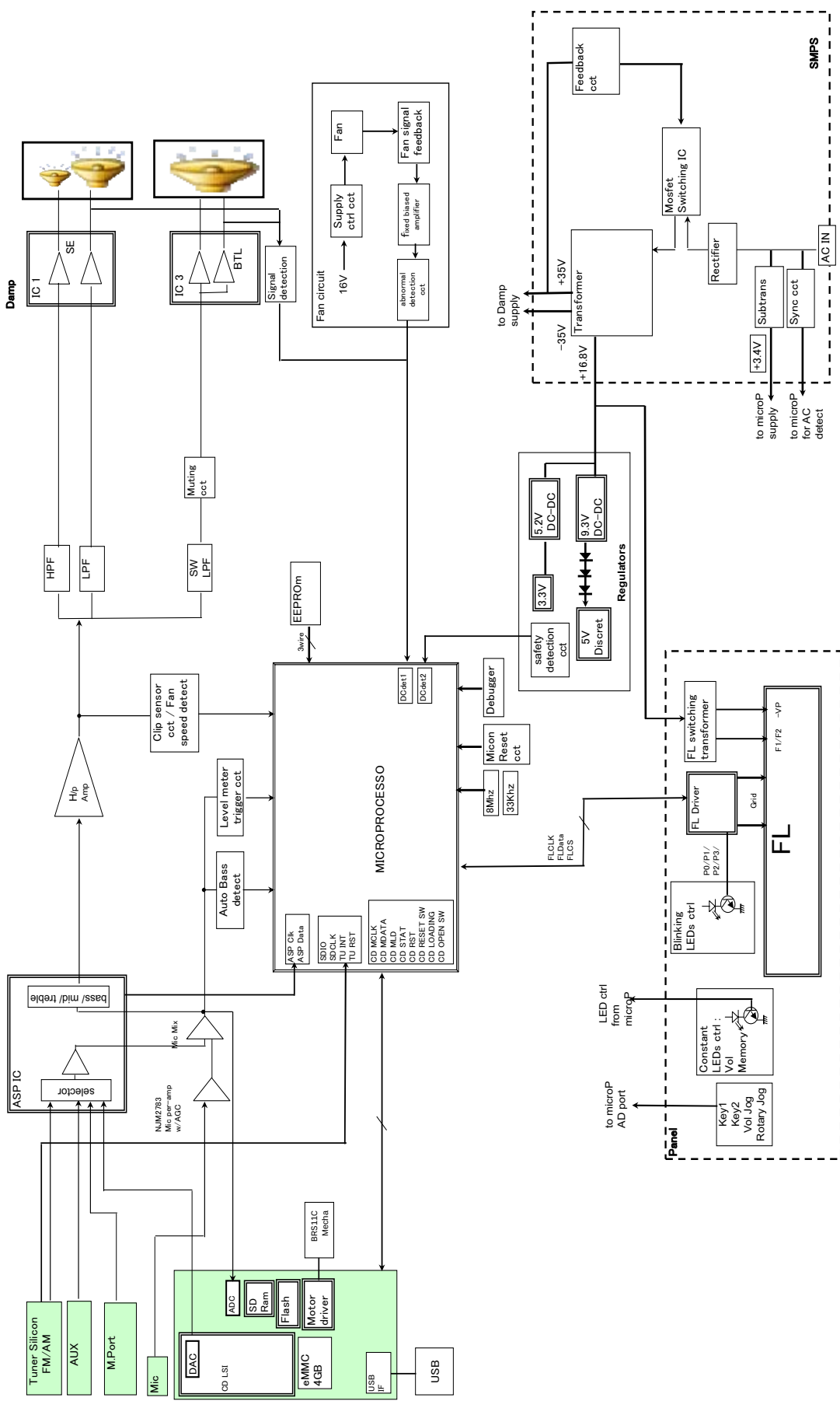
Step 3 Place the CD Servo P.C.B. on the insulated material.

Step 4 CD Servo P.C.B. Side B can be checked and repaired as diagram shown.



13 Simplified Block Diagram

13.1. Power Block Diagram

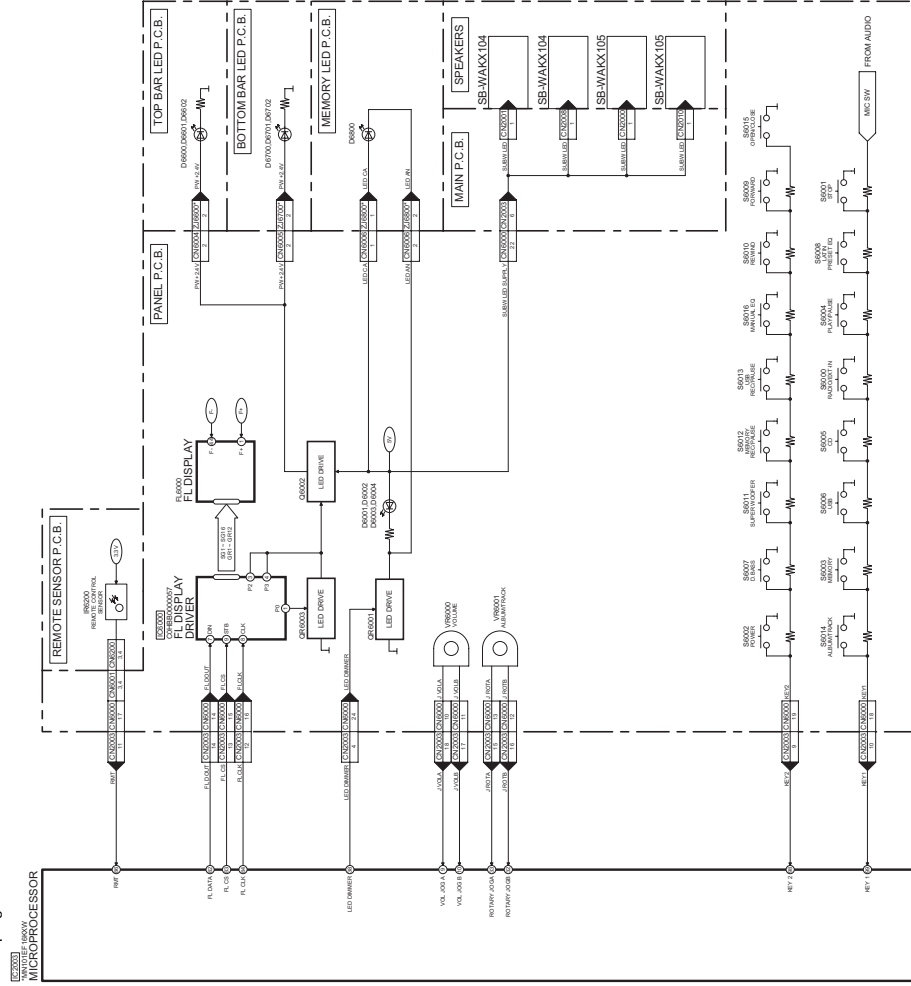


14.1. Servo & System Control



MAIN P.C.B.

*Este material se encuentra sin programar, debe ser programado.



NOTE: * * * * REF IS FOR INDICATION ONLY

SA-AKX 105/95 SERVO & SYSTEM CONTROL (2/2) BLOCK DIAGRAM

14.2. IC Terminal Chart

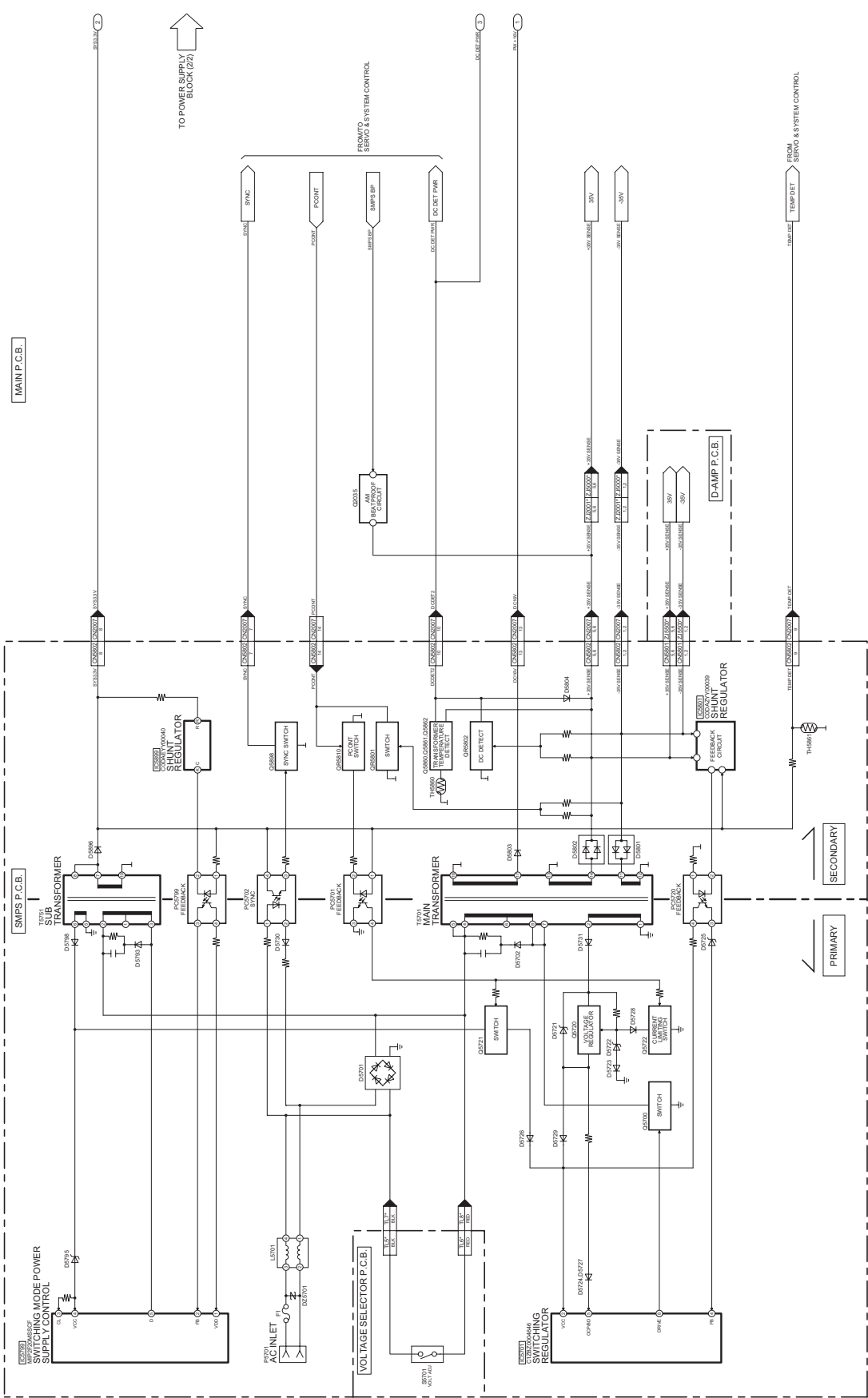
TC	IC8051 64M SDRAM		SIGNAL NAME	IC8001 SERVO PROCESSOR	
	PORT NAME	PIN NO		PIN NO	PORT NAME
1	A0	23	A0	14	A0
	A1	24	A1	15	A1
	A2	25	A2	16	A2
	A3	26	A3	17	A3
	A4	28	A4	20	A4
	A5	30	A5	21	A5
	A6	31	A6	22	A6
	A7	32	A7	23	A7
	A8	33	A8	24	A8
	A9	34	A9	25	A9
	A10	22	A10	13	A10
	A11	35	A11	26	A11

TC	IC8051 64M SDRAM		SIGNAL NAME	IC8001 SERVO PROCESSOR	
	PORT NAME	PIN NO		PIN NO	PORT NAME
2	D00/DO15	2/53	D0	142	D0
	D01/DO14	4/91	D1	143	D1
	D02/DO13	6/90	D2	144	D2
	D03/DO12	7/88	D3	2	D3
	D04/DO11	9/47	D4	3	D4
	D05/DO10	10/45	D5	4	D5
	D06/DO9	11/44	D6	5	D6
	D07/DO8	13/42	D7	6	D7

 : CD AUDIO INPUT SIGNAL LINE
 : AUX/TUNER/MUSIC PORT/MIC AUDIO INPUT SIGNAL LINE
 : AUDIO OUTPUT SIGNAL LINE
 : AM SIGNAL LINE
 : FM SIGNAL LINE

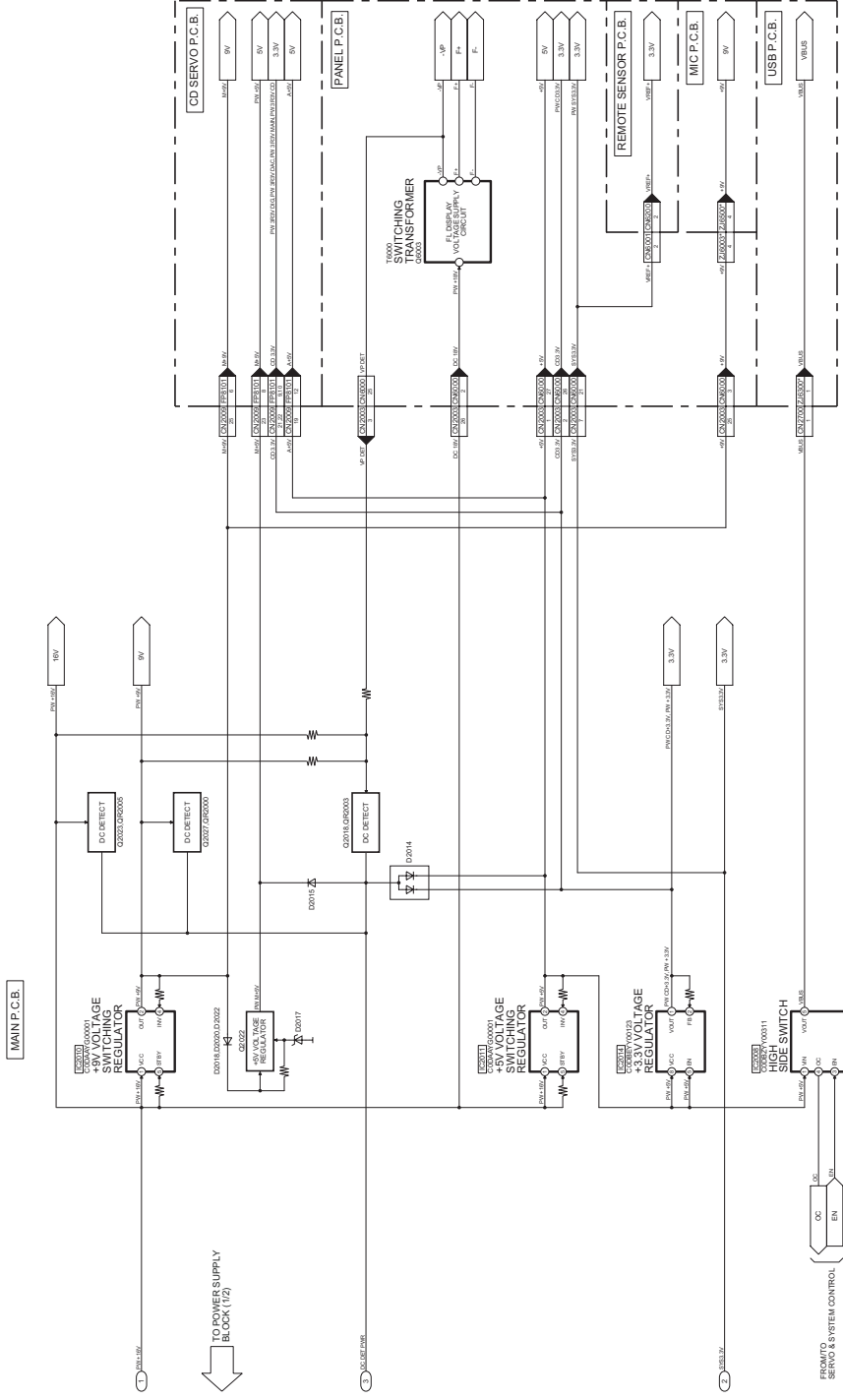


14.4. Power Supply

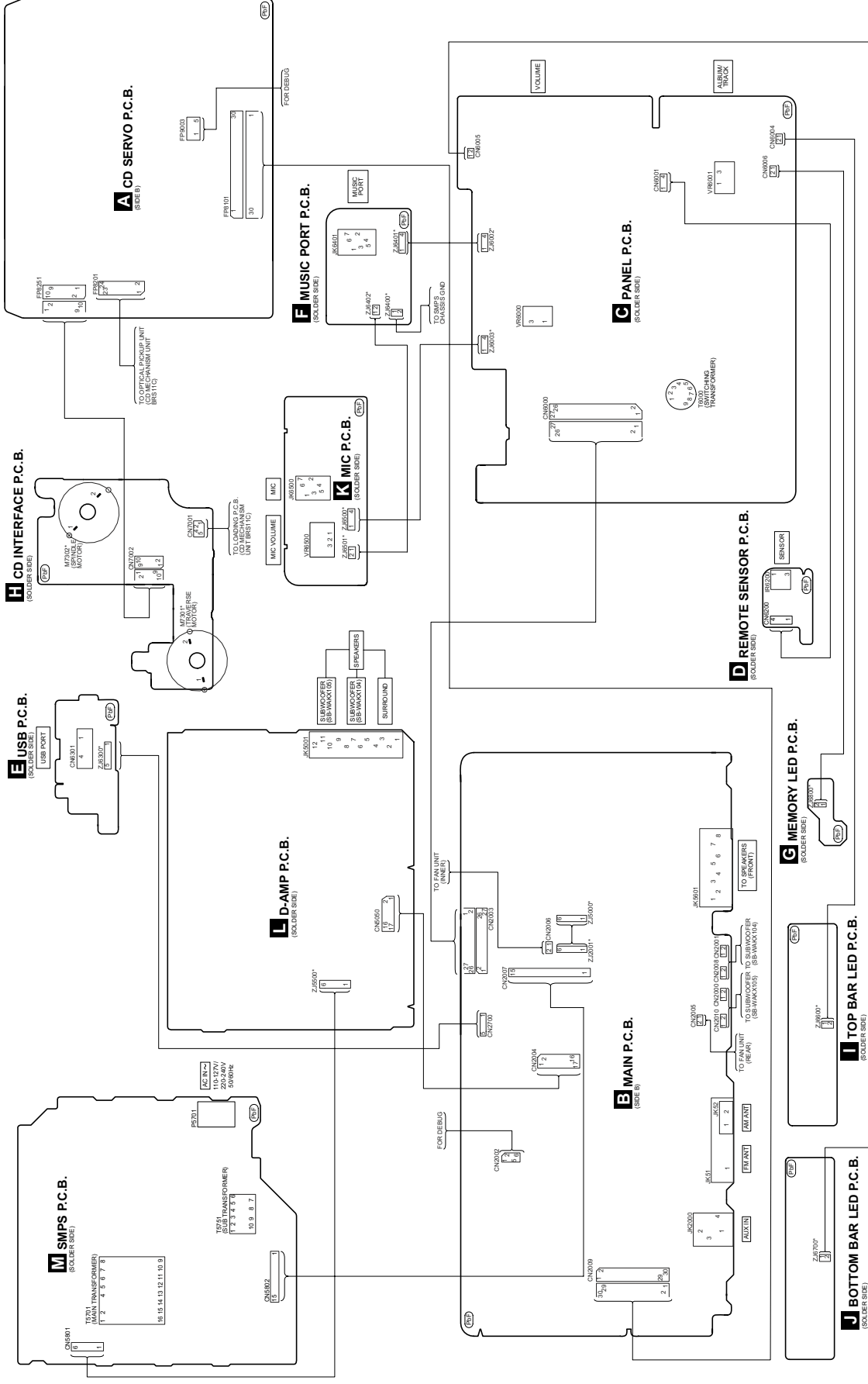


NOTE: " " " REF IS FOR INDICATION ONLY

SA-KX105/95 POWER SUPPLY (1/2) BLOCK DIAGRAM



15 Wiring Connection Diagram



SA-AKX105/95 WIRING CONNECTION DIAGRAM

16 Schematic Diagram

16.1. Schematic Diagram Notes

- This schematic diagram may be modified at any time with the development of new technology.

Notes:

S6000:	Radio/EXT-IN switch.
S6001:	Stop (■) switch.
S6002:	Power (⏻/⏻) switch.
S6003:	Memory switch.
S6004:	Play/Pause (▶/⏸) switch.
S6005:	CD switch.
S6006:	USB switch.
S6007:	D.BASS switch.
S6008:	Latin Preset EQ switch.
S6009:	Forward (▶▶ / ▶▶▶) switch.
S6010:	Rewind (◀◀ / ◀◀◀) switch.
S6011:	Super Woofer switch.
S6012:	Memory Rec/Pause switch.
S6013:	USB Rec/Pause switch.
S6014:	Album/Track switch.
S6015:	Open/Close switch (▲).
S6016:	Manual EQ switch.
S7201:	Reset switch.
VR6000:	Volume Jog.
VR6001:	Album/Track Jog.
VR6500:	Mic Jog.

- Important safety notice:

Components identified by ⚠ mark have special characteristics important for safety.

Furthermore, special parts which have purposes of fire-retardant (resistors), high quality sound (capacitors), low-noise (resistors), etc are used.

When replacing any of components, be sure to use only manufacturer's specified parts shown in the parts list.

- In case of AC rated voltage Capacitors, the part no. and values will be indicated in the Schematic Diagram.

AC rated voltage capacitors:

C5700, C5701, C5704, C5705, C5708

- Resistor

Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).

- Capacitor

Unit of capacitance is μ F, unless otherwise noted. F=Farads, pF=pico-Farad.

- Coil

Unit of inductance is H, unless otherwise noted.

- *

REF IS FOR INDICATION ONLY.

- Voltage and signal line

	: +B signal line
	: -B signal line
	: CD Audio input signal line
	: AUX/Tuner/Music Port/Mic Audio input signal line
	: Audio output signal line
	: USB signal line
	: AM signal line
	: FM signal line

CAUTION: FOR CONTINUED PROTECTION AGAINST FIRE HAZARD, REPLACE ONLY WITH SAME TYPE F1 T8AH 250V FUSE



RISK OF FIRE-REPLACE FUSE AS MARKED.

FUSE CAUTION



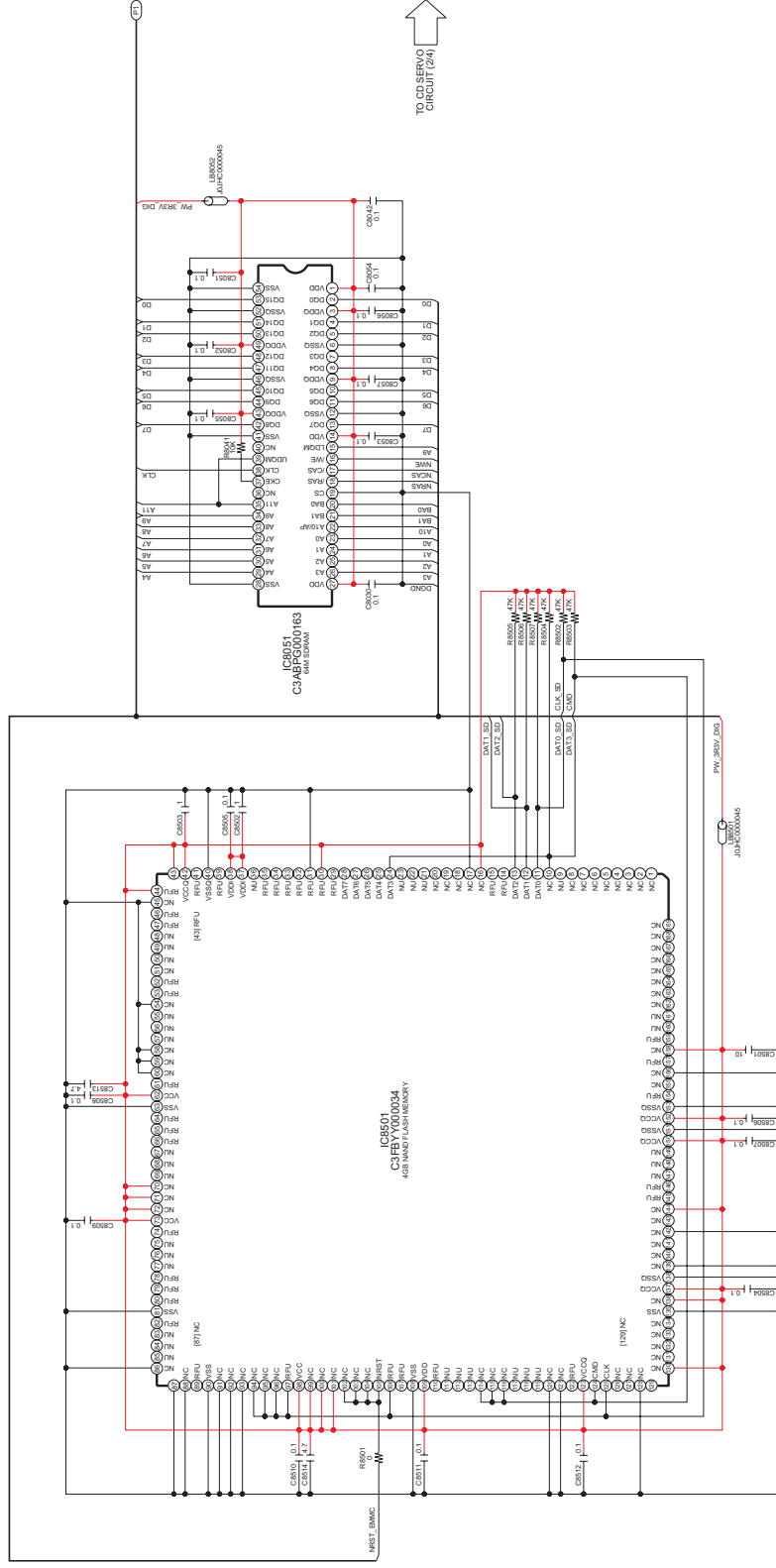
These symbols located near the fuse indicates that the fuse used is a fast operating type. For continued protection against fire hazard, replace with the same type fuse. For rating, refer to the marking adjacent to the symbol.

16.2. CD Servo Circuit

SCHEMATIC DIAGRAM - 1

A CD SERVO CIRCUIT

—: +B SIGNAL LINE : CD AUDIO INPUT SIGNAL LINE : AUDIO OUTPUT SIGNAL LINE : USB SIGNAL LINE

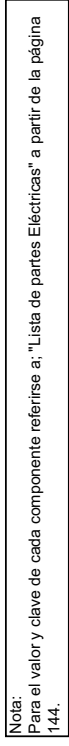


1M	2M
3M	4M

SA-AKX105/95 CD SERVO CIRCUIT

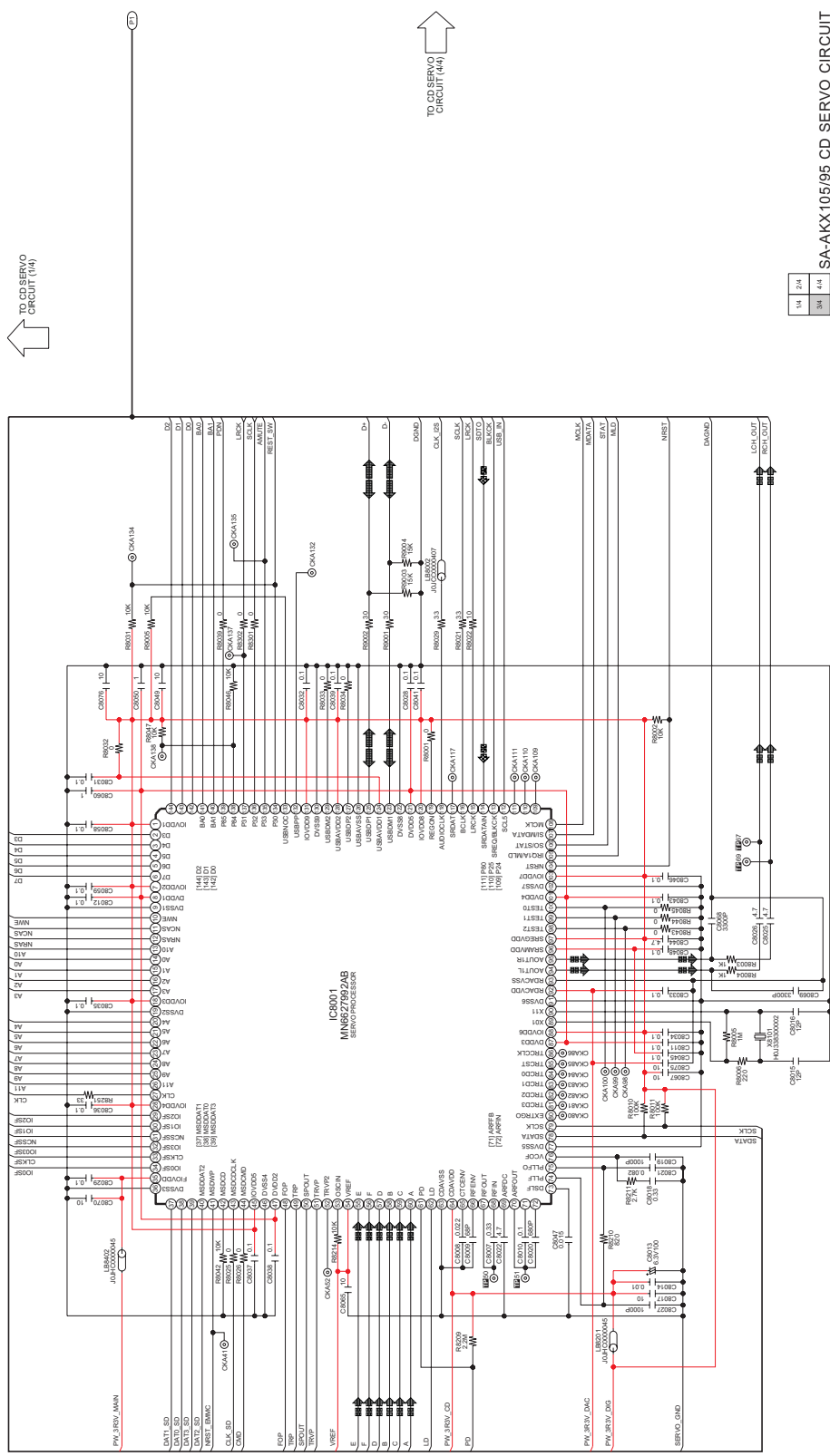
Nota:
Para el valor y clave de cada componente referirse a: "Lista de partes Eléctricas" a partir de la página 144.

A CD SERVO CIRCUIT



SCHEMATIC DIAGRAM - 3 **A** CD SERVO CIRCUIT

—: -B SIGNAL LINE : CD AUDIO INPUT SIGNAL LINE : AUDIO OUTPUT SIGNAL LINE : USB SIGNAL LINE



Nola:
Para el valor y clave de cada componente referirse a: "Lista de partes Eléctricas" a partir de la página 144.

1A	2A
3A	4A

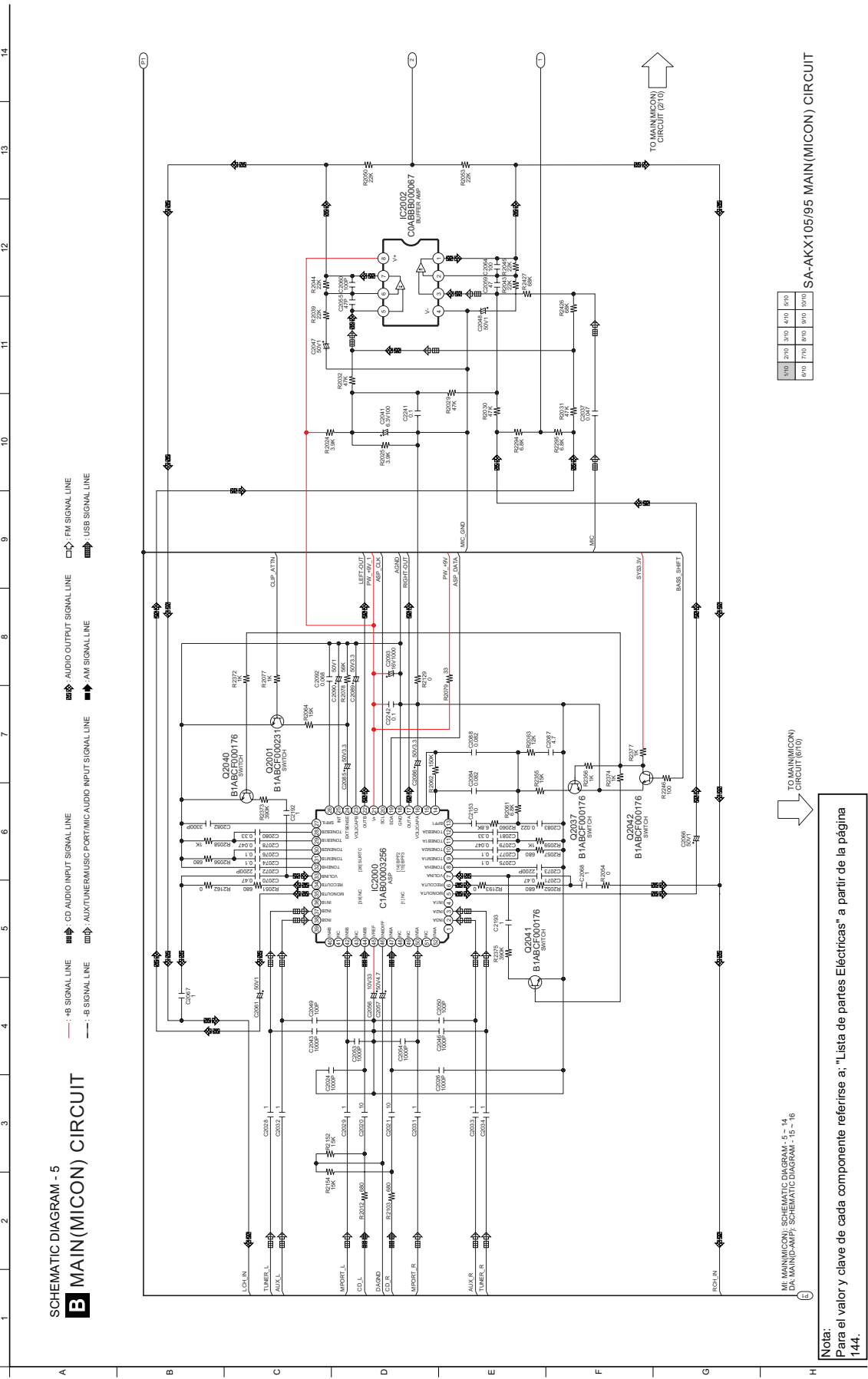
SA-AKX105/95 CD SERVO CIRCUIT

A CD SERVO CIRCUIT

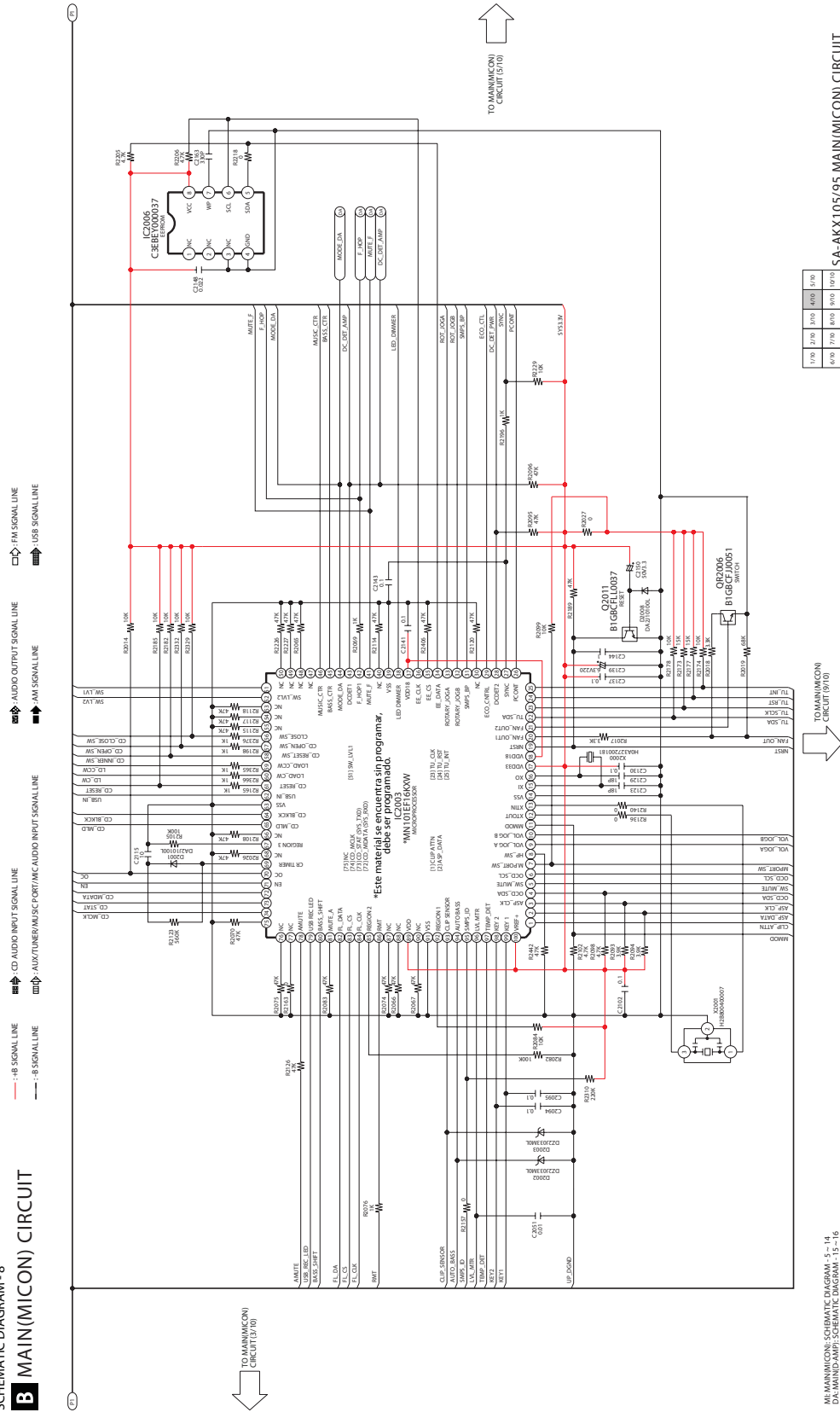
SA-AKX105/95 CD SERVO CIRCUIT

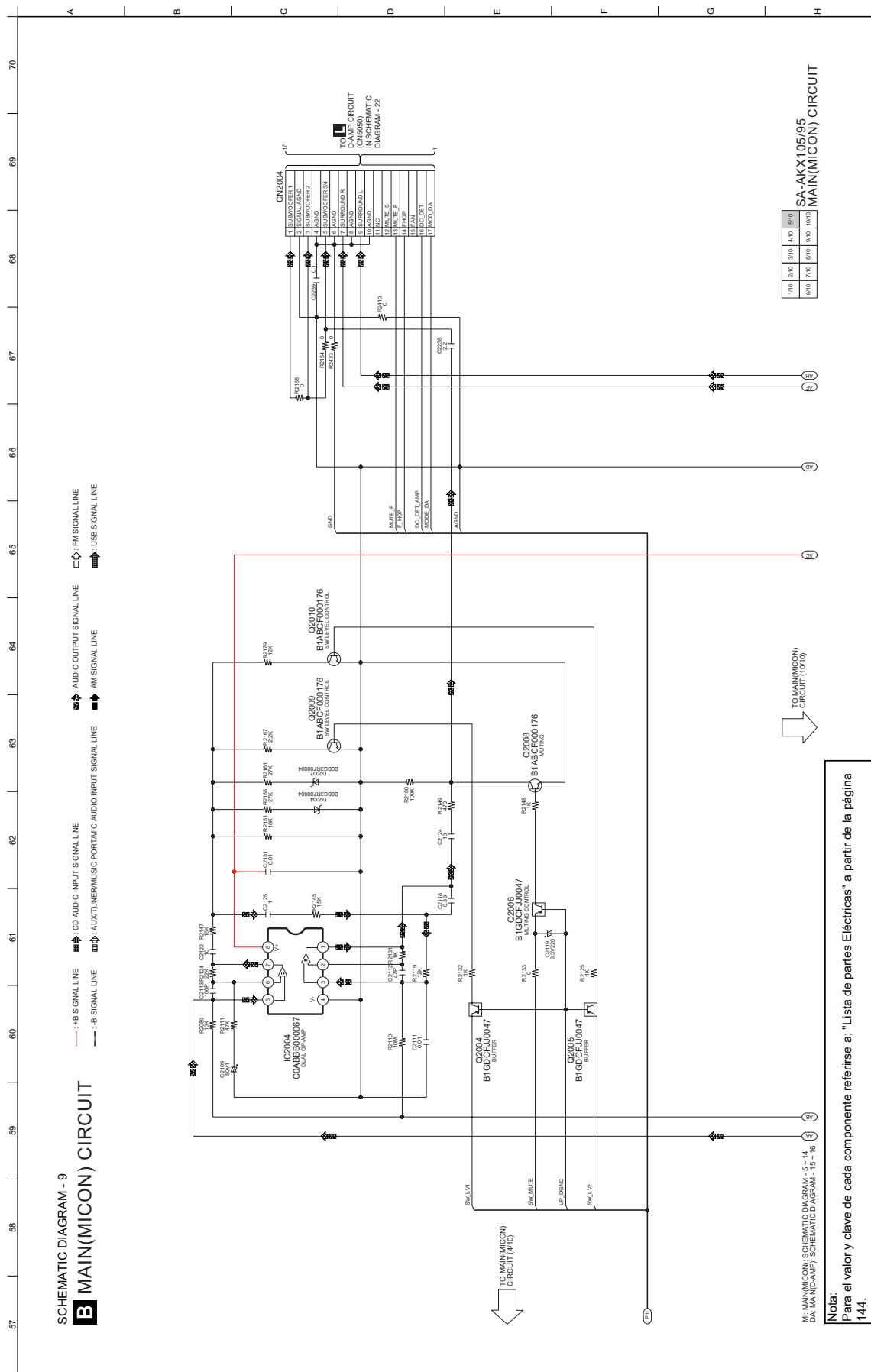
Nota:
Para
144.

16.3. Main(Micon) Circuit



B MAIN(MICON) CIRCUIT





SA-AXX105/95
MAIN(MICON) CIRCUIT

TO MAIN(MICON)
CIRCUIT (10-10)

MR. MAIN(MICON) SCHEMATIC DIAGRAM - 5-14
DA. MAIN(MICON) SCHEMATIC DIAGRAM - 15-16

Nota:
Para el valor y clave de cada componente referirse a: "Lista de partes Eléctricas" a partir de la página 144.

B MAIN(MICON) CIRCUIT



MI: MAIN(MICON): SCHEMATIC DIAGRAM - 5 ~ 14
DA: MAIN(D-AMP): SCHEMATIC DIAGRAM - 15 ~ 16

Nota:
Para el valor y clave de cada componente referirse a: "Lista de partes Eléctricas" a partir de la página 144.

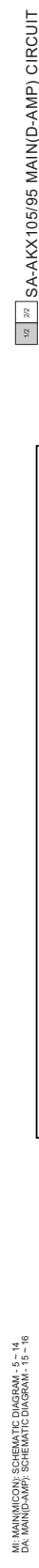
B MAIN(MICON) CIRCUIT



Nota:
Para el valor y clave de cada componente referirse a: "Lista de partes Eléctricas" a partir de la página 144.

SA-AKX105/95 MAIN(MICON) CIRCUIT

B MAIN(D-AMP) CIRCUIT



NOTE: " * " REF IS FOR INDICATION ONLY

Nota:

SA-AXX 105/93 MAIN(D-AMP) CIRCUIT

14

14

14

14

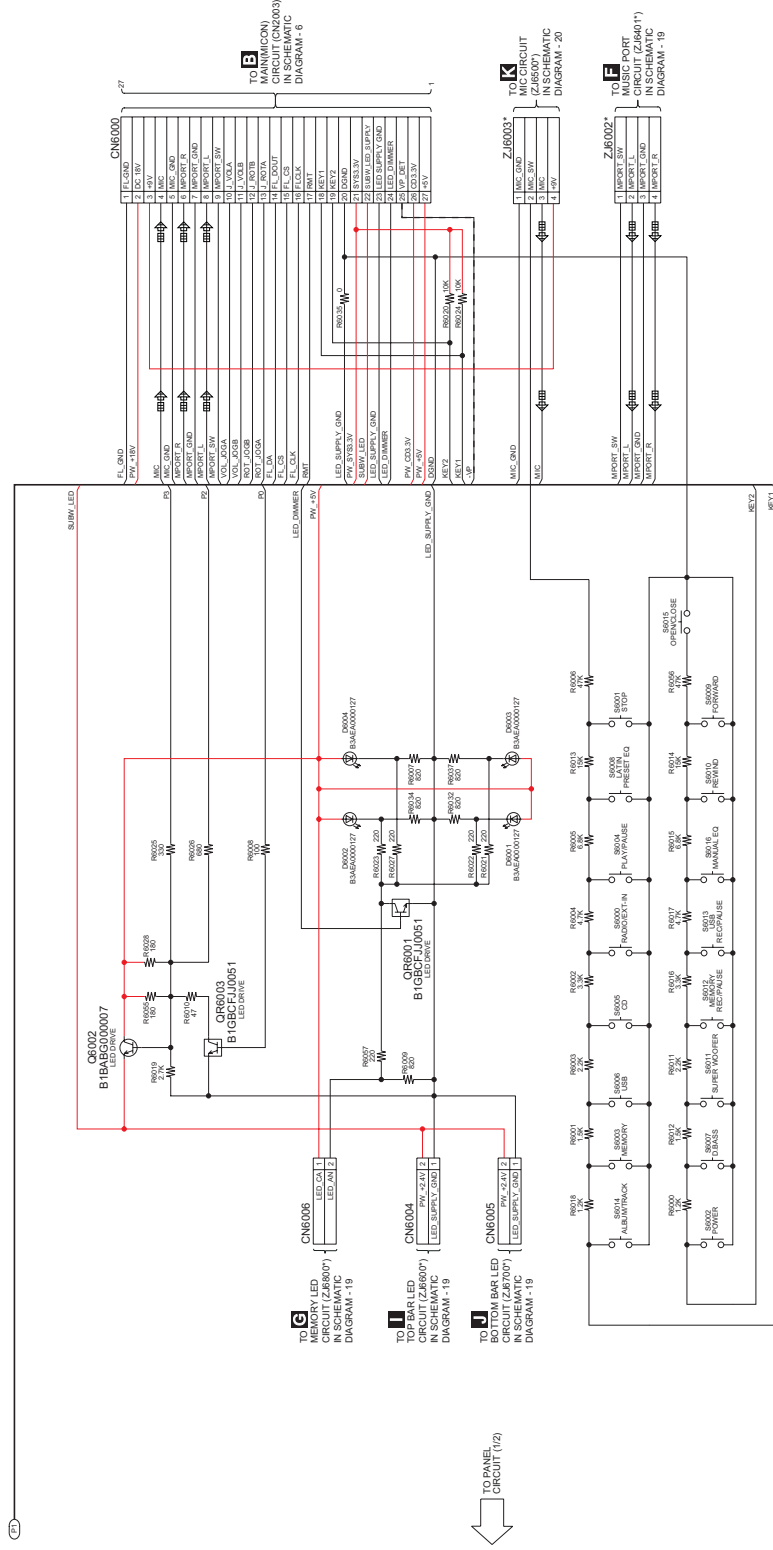
14

14

SCHMATIC DIAGRAM - 18

C PANEL CIRCUIT

— : +B SIGNAL LINE — : -B SIGNAL LINE — : MUSIC PORT/MC AUDIO INPUT SIGNAL LINE — : AUDIO OUTPUT SIGNAL LINE



Nota: * * * REF IS FOR INDICATION ONLY

Para el valor y clave de cada componente referirse a: "Lista de partes Eléctricas" a partir de la página 144.

SA-AKX105/95 PANEL CIRCUIT

H CD INTERFACE CIRCUIT

K MIC CIRCUIT

TO LOADING P.C.B. (CD MECHANISM UNIT BRST1C)

TO SERVO CIRCUIT (Z6501) IN SCHEMATIC DIAGRAM - 4

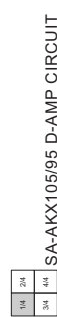
TO MIC CIRCUIT (Z6500) IN SCHEMATIC DIAGRAM - 18

TO MIC CIRCUIT (Z6501) IN SCHEMATIC DIAGRAM - 19

NOTE: " " " REF IS FOR INDICATION ONLY

Nota:
Para el valor y clave de cada componente referirse a: "Lista de partes Eléctricas" a partir de la página 144.

↑
TO D-AMP
CIRCUIT (2/4)

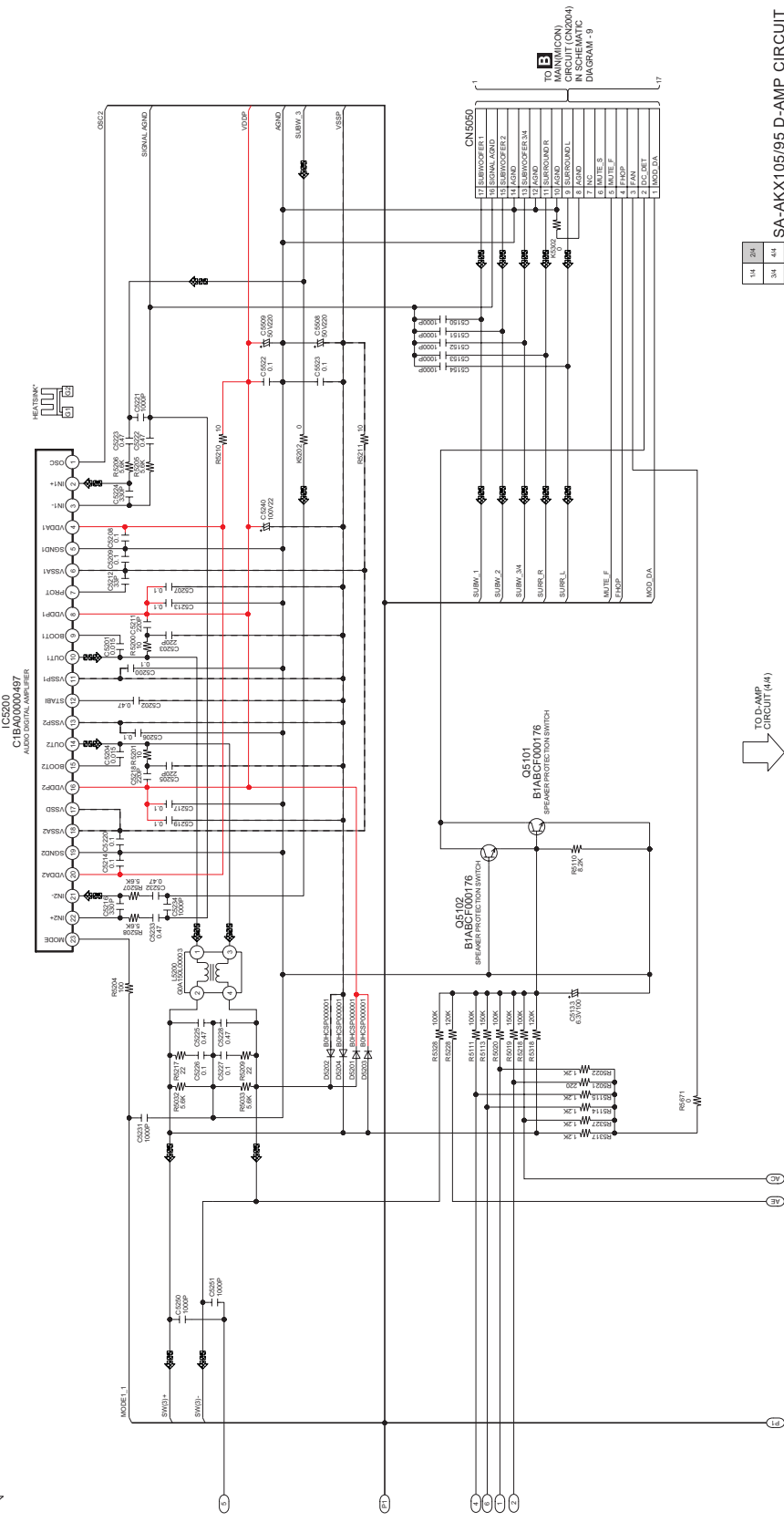
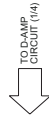


TO D-AMP
CIRCUIT (3/4)

1/4	2/4
3/4	4/4

SA-AKX105/95 D-AMP CIRCUIT

SCHEMATIC DIAGRAM - 22

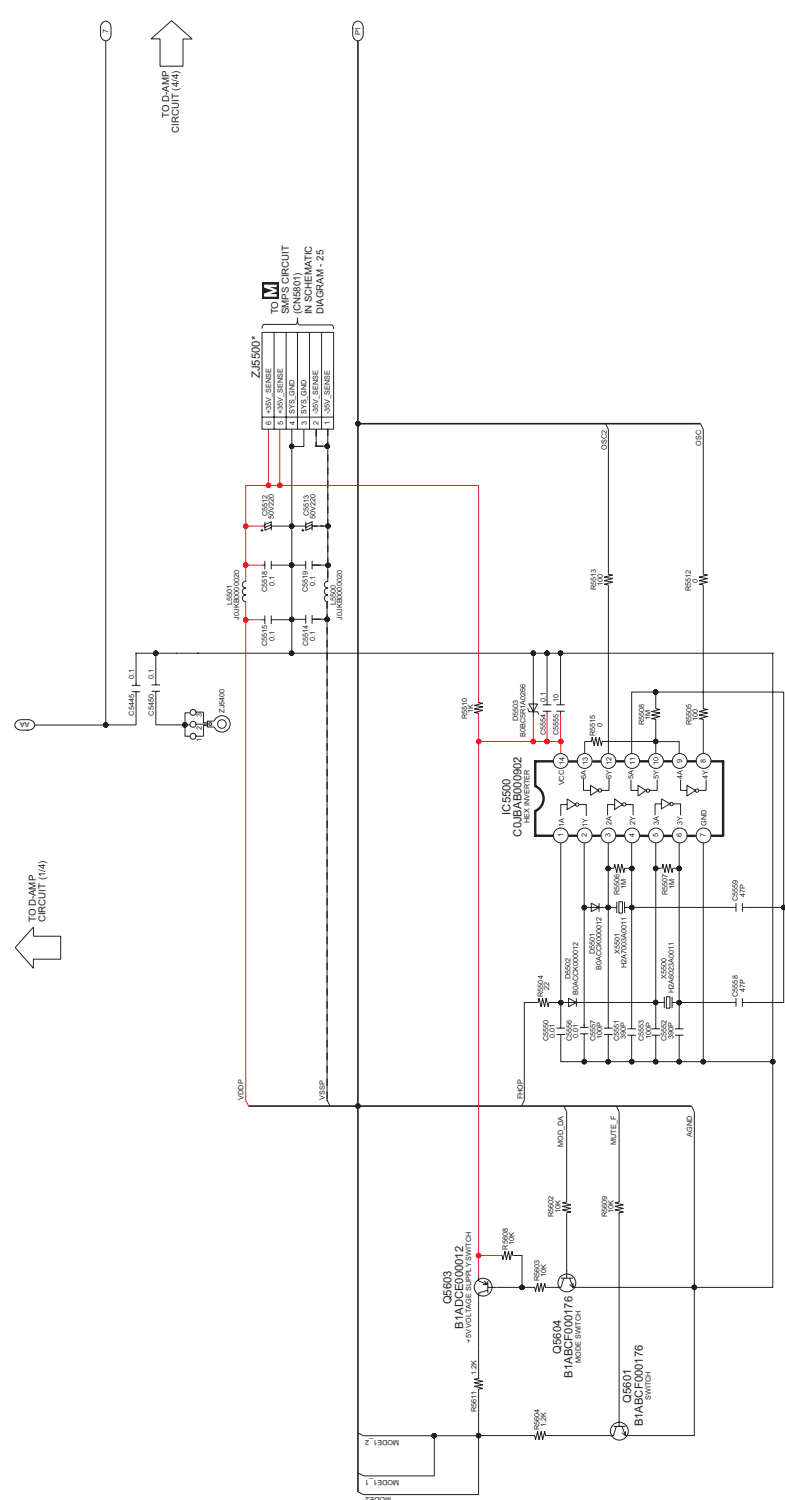


NOTE: " * " REF IS FOR INDICATION ONLY

Nota:
Para el valor y clave de cada componente referirse a: "Lista de partes Eléctricas" a partir de la página 144.

SCHEMATIC DIAGRAM - 23 **L** D-AMP CIRCUIT

— : +B SIGNAL LINE --- : -B SIGNAL LINE : AUDIO OUTPUT SIGNAL LINE



NOTE: " " " REF IS FOR INDICATION ONLY

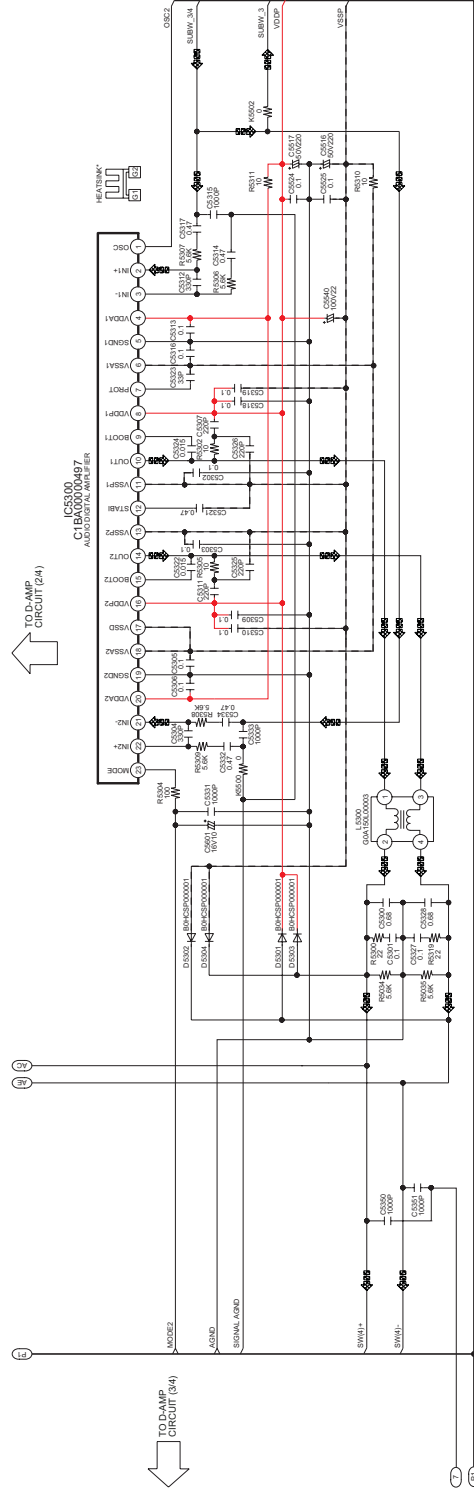
Nota:
Para el valor y clave de cada componente referirse a: "Lista de partes Eléctricas" a partir de la página 144.

144	294
336	544

SA-AKX105/95 D-AMP CIRCUIT

SCHEMATIC DIAGRAM - 24 **L** D-AMP CIRCUIT

— : +B SIGNAL LINE — : -B SIGNAL LINE  : AUDIO OUTPUT SIGNAL LINE



14	24
34	44

SA-AKX105/95 D-AMP CIRCUIT

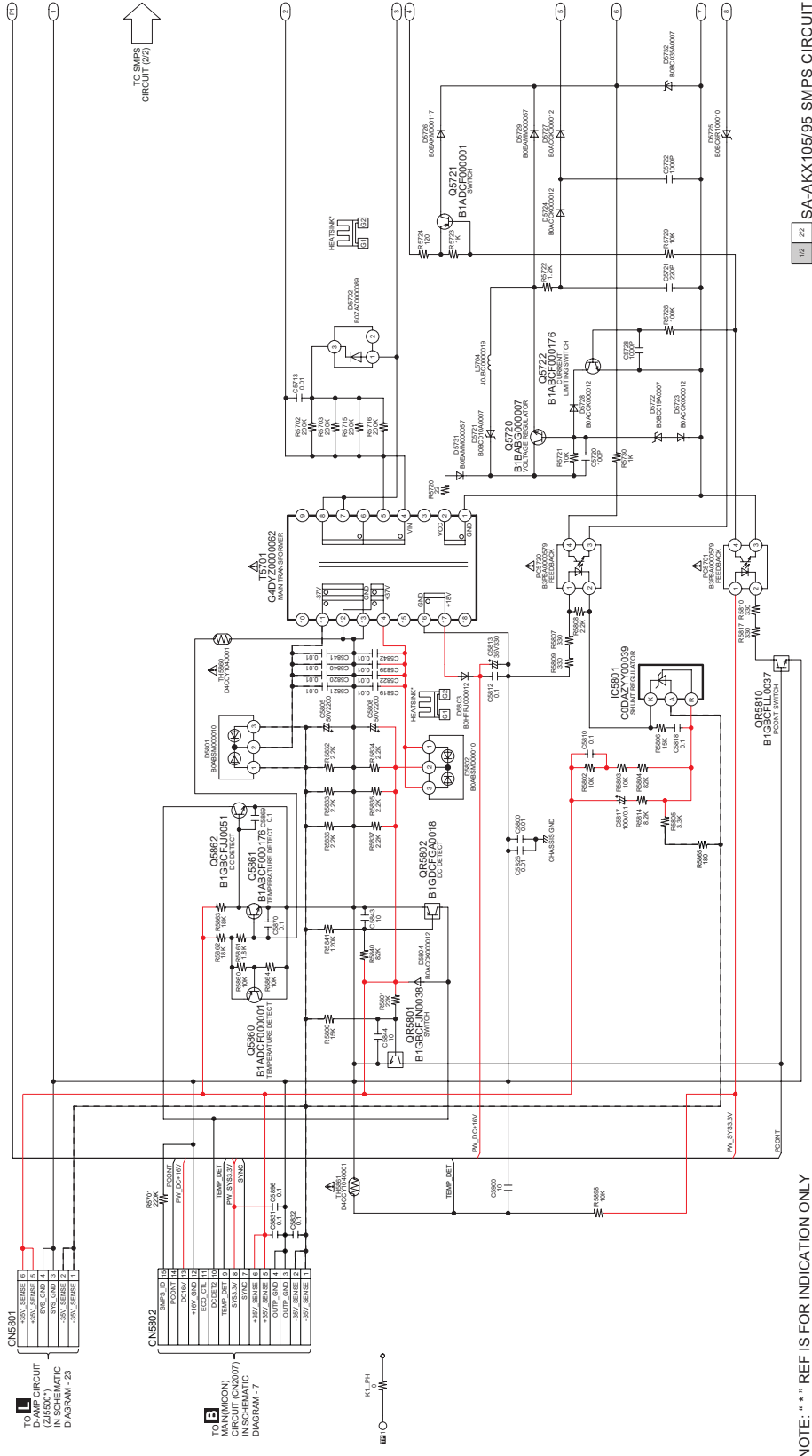
NOTE: " " REF IS FOR INDICATION ONLY

Nota:
Para el valor y clave de cada componente referirse a: "Lista de partes Eléctricas" a partir de la página 144.

16.9. SMPS Circuit

SCHEMATIC DIAGRAM - 25

M SMPS CIRCUIT

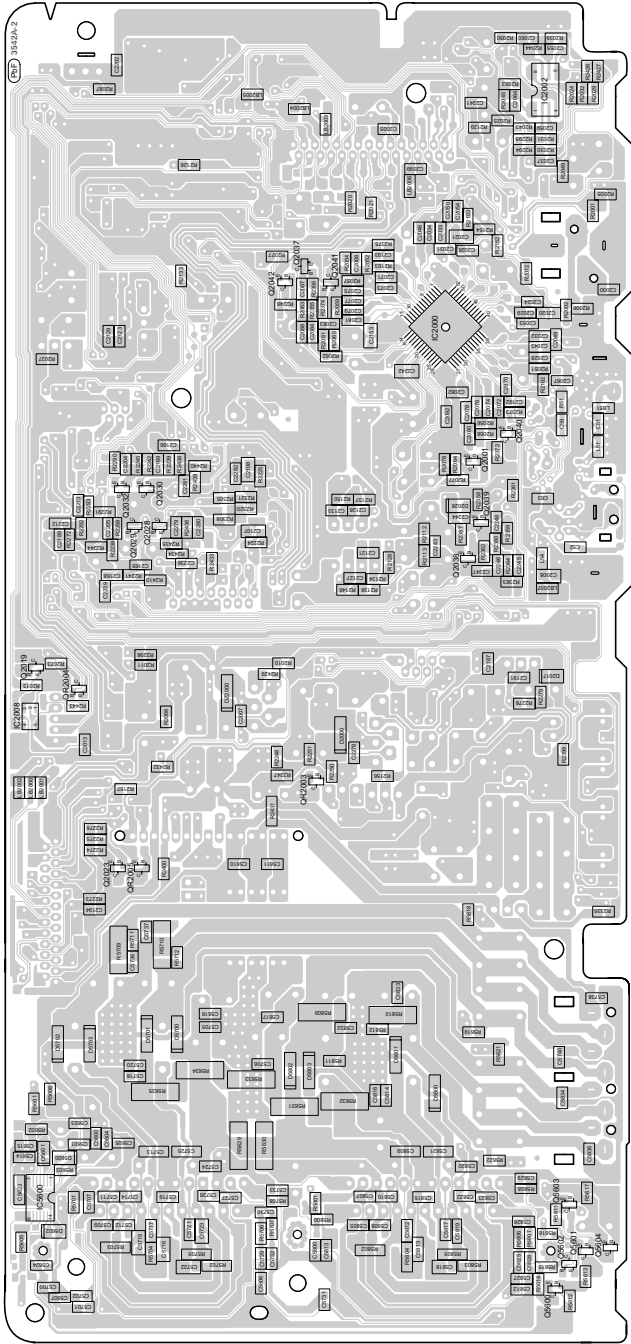


NOTE: " " " REF IS FOR INDICATION ONLY

Nola:
Para el valor y clave de cada componente referirse a: "Lista de partes Eléctricas" a partir de la página 144.

17.2. Main P.C.B.

B MAIN P.C.B. (RD-DAK103-PX)



(SIDE A)

Nota:
Para el valor y clave de cada componente referirse a: "Lista de partes Eléctricas" a partir de la página 144.

SA-AKX95
MAIN P.C.B.

COMPONENTES DE PISTA MAIN PSG

Ref. No.	Parts No.	Parts Name
	REP4768N	AKX105PH/PR MAIN
	RJB3542A-2	PRINTED CIRCUIT BOARD (MAIN/DAMP/TUNER)
C51	F1H1H102A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , rectangular type (1608 type)
C52	F1H1A474A107	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C57	F1H1H120A230	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C58	F1H1H120A230	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C59	F1H1A105A025	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C60	F1H1A105A025	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C61	F1G1C104A077	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1005 TYPE)
C62	F1G1C104A077	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1005 TYPE)
C63	F1H0J105A051	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2000	F1H1H103A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2003	F1H1H103A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2004	F1H1H103A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2005	F1H1H102A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2007	F1H1H103A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2008	F1J1A106A043	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C2009	F1H1H103A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2010	F1H1A474A107	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2012	D0GBR00JA008	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
C2013	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2015	F1H1H2210001	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2016	F1H1H2210001	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2017	F1H1A684A025	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2018	F1H1A684A025	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2020	F1J1A106A043	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C2021	F1J1A106A043	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C2022	F1H1H102A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2023	F1H1H102A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2024	F1H1H102A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2026	F1H1H102A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2027	F2A1C100A207	Aluminum non-solid electrolytic capacitors , lead type
C2028	F1H0J105A051	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2029	F1H0J105A051	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2030	F1J1A106A043	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C2031	F1H0J105A051	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2032	F1H0J105A051	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2033	F1H0J105A051	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2034	F1H0J105A051	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2036	D0GBR00JA008	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
C2037	F1H1H473A783	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2038	F2A1C100A207	Aluminum non-solid electrolytic capacitors , lead type
C2039	F2A1C100A207	Aluminum non-solid electrolytic capacitors , lead type
C2040	F1J1A106A043	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C2041	F2A0J101B034	ALUMINUM NON-SOLID ELECTROLYTIC CAPACITORS , LEAD TYPE
C2042	F1J1A106A043	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C2043	F1H1H102A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2044	D0GBR00JA008	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
C2045	D0GBR00JA008	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
C2046	F1H1H102A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2047	F2A1H1R0A213	Aluminum non-solid electrolytic capacitors , lead type
C2048	F2A1H1R0A213	Aluminum non-solid electrolytic capacitors , lead type
C2049	F1H1H101B052	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2050	F1H1H101B052	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2051	F1H1H103A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2052	F1H0J105A051	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2053	F1H1H102A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2054	F1H1H102A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2055	F1H1H470A004	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2056	F2A1A330B138	ALUMINUM NON-SOLID ELECTROLYTIC CAPACITORS , LEAD TYPE
C2057	F2A1H4R7A213	Aluminum non-solid electrolytic capacitors , lead type
C2059	F1H1H470A004	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2060	F1H1H101B052	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2061	F2A1H1R0A213	Aluminum non-solid electrolytic capacitors , lead type
C2062	F1H1A224A061	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2063	F1H1A225A051	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2064	F1H1H101B052	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2066	F2A1H1R0A213	Aluminum non-solid electrolytic capacitors , lead type
C2067	F1H0J105A051	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2068	F1H0J105A051	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2069	F2A1A330B138	ALUMINUM NON-SOLID ELECTROLYTIC CAPACITORS , LEAD TYPE
C2070	F1H1A474A107	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)

C2071	F1H1A474A107	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2072	F1H1H222A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2073	F1H1H222A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2074	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2075	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2076	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2077	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2078	F1H1H473A783	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2079	F1H1H473A783	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2080	F1H1A334A028	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2081	F1H1A334A028	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2082	F1H1H332A013	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2083	F1H1H223A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2084	F1H1C823A001	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2085	F2A1H3R3A213	Aluminum non-solid electrolytic capacitors , lead type
C2086	F2A1H3R3A213	Aluminum non-solid electrolytic capacitors , lead type
C2087	F1H0J4750004	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2088	F1H1C823A001	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2089	F2A1H3R3A213	Aluminum non-solid electrolytic capacitors , lead type
C2090	F2A1H1R0A213	Aluminum non-solid electrolytic capacitors , lead type
C2092	F1H1C683A087	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2093	F2A1C102A019	Aluminum non-solid electrolytic capacitors , lead type
C2094	F1H1C104A042	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2095	F1H1C104A042	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2096	F1H1H152A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2099	F1H1H103A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2102	F1H1C104A042	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2107	D0GBR00JA008	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
C2108	D0GBR00JA008	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
C2109	F2A1H1R0A213	Aluminum non-solid electrolytic capacitors , lead type
C2110	F2A1E2210093	ALUMINUM NON-SOLID ELECTROLYTIC CAPACITORS , LEAD TYPE
C2111	F1H1H103A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2112	F1H1H470A004	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2113	F1H1H101B052	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2114	F2A1C221B456	ALUMINUM NON-SOLID ELECTROLYTIC CAPACITORS , LEAD TYPE
C2115	F1J1A106A043	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C2116	F1J1A106A043	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C2117	F1J1A106A043	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C2118	F1H1A394A036	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2119	F2A0J221B034	ALUMINUM NON-SOLID ELECTROLYTIC CAPACITORS , LEAD TYPE
C2121	F1H1H680A230	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2122	F1J1A106A043	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C2123	F1H1H180A230	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2124	F1J1A106A043	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C2125	F1H0J105A051	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2126	F1H1H680A230	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2127	F1H1H471A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2128	F1H1H562A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2129	F1H1H180A230	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2130	F1J1H104A459	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C2131	F1H1H103A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2132	F2A1A330B138	ALUMINUM NON-SOLID ELECTROLYTIC CAPACITORS , LEAD TYPE
C2133	F1H1H471A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2134	F1H0J4750004	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2135	F1H0J4750004	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2136	F1H0J105A051	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2137	F1H1C104A042	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2139	F2A0J221B034	ALUMINUM NON-SOLID ELECTROLYTIC CAPACITORS , LEAD TYPE
C2141	F1H1C104A042	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2143	F1H1C104A042	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2144	F1H0J105A051	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2148	F1H1H223A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2150	F2A1H3R3A213	Aluminum non-solid electrolytic capacitors , lead type
C2153	F1J1A106A043	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C2163	F1H1H331A013	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2165	F1H1C683A087	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2166	F1H1C683A087	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2167	F1H1A474A107	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2168	F1H1A184A107	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2169	F1H1A184A107	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2171	F2A1C102A019	Aluminum non-solid electrolytic capacitors , lead type
C2173	F2A0J2220055	ALUMINUM NON-SOLID ELECTROLYTIC CAPACITORS , LEAD TYPE
C2179	F1J1A106A043	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C2180	F1J1A106A043	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C2181	F1H1A474A025	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)

C2182	F1H1A474A025	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2183	F1H1H682A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2184	F1H1H682A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2185	F1J1A106A043	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C2186	F1J1A106A043	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C2187	F1H1H103A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2188	F2A1A330B138	ALUMINUM NON-SOLID ELECTROLYTIC CAPACITORS , LEAD TYPE
C2189	F1H1C104A042	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2190	F2A1C221B456	ALUMINUM NON-SOLID ELECTROLYTIC CAPACITORS , LEAD TYPE
C2191	F1H1H103A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2192	F1H0J105A051	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2193	F1H0J105A051	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2194	F1H1H103A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2196	F2A0J101A181	ALUMINUM NON-SOLID ELECTROLYTIC CAPACITORS , LEAD TYPE
C2198	F2A1C102A019	Aluminum non-solid electrolytic capacitors , lead type
C2199	F1H1A225A051	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2200	F2A1E2210093	ALUMINUM NON-SOLID ELECTROLYTIC CAPACITORS , LEAD TYPE
C2201	F1H1H103A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2202	D0GBR00JA008	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
C2204	F1H1C823A001	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2205	F1H1C823A001	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2212	D0GBR00JA008	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
C2213	D0GBR00JA008	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
C2226	F2A0J821B044	ALUMINUM NON-SOLID ELECTROLYTIC CAPACITORS , LEAD TYPE
C2234	F2A1E102B396	ALUMINUM NON-SOLID ELECTROLYTIC CAPACITORS , LEAD TYPE
C2238	F1H0J2250008	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2239	F1H1C104A042	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2241	F1H1C104A042	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2242	F1J1E1040003	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C2243	F1H1C104A042	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2244	F1H0J105A051	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2245	F1H0J105A051	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2246	F1H1C104A042	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2247	F1H1C104A042	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2248	F1H0J105A051	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2249	F2A1A330B138	ALUMINUM NON-SOLID ELECTROLYTIC CAPACITORS , LEAD TYPE
C2251	F1J1A106A043	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C2252	F2A0J101A181	ALUMINUM NON-SOLID ELECTROLYTIC CAPACITORS , LEAD TYPE
C2253	F2A0J221B034	ALUMINUM NON-SOLID ELECTROLYTIC CAPACITORS , LEAD TYPE
C2254	F1H0J105A051	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2255	F1H0J105A051	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2256	F2A0J221B034	ALUMINUM NON-SOLID ELECTROLYTIC CAPACITORS , LEAD TYPE
C2257	F1H1H103A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2258	F1H1H103A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2277	F1J1A106A043	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C2278	F1H1H103A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2279	F1H1A184A107	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2280	F1H1C683A087	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C2281	F1H1A184A107	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C2282	F1H1C683A087	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C5600	F1H1H103A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5601	F1H1H103A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5602	F1H1H101B052	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5603	F1H1H391A013	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5604	F1H1H101B052	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5605	F1H1H391A013	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5606	F1H1H102A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C5607	F1H1H102A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C5610	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5611	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5612	F1H1H102A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C5613	F1H1H102A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C5614	F1H1H470A004	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5615	F1H1H470A004	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5616	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5617	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5623	F1K1C1060001	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (3216 TYPE)
C5624	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5626	F2A0J101A245	ALUMINUM NON-SOLID ELECTROLYTIC CAPACITORS , LEAD TYPE
C5700	F1H1H102A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C5701	F1H1A474A107	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5702	F1H1A474A107	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5703	F2A1H221B436	ALUMINUM NON-SOLID ELECTROLYTIC CAPACITORS , LEAD TYPE
C5704	F2A1H221B436	ALUMINUM NON-SOLID ELECTROLYTIC CAPACITORS , LEAD TYPE
C5705	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)

C5706	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5707	F1H1H331A013	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5709	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5711	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5712	F1H1H330A230	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C5713	F1K2A1040007	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (3216 TYPE)
C5714	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5715	F1J2A221A030	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C5716	F1J2A221A030	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C5717	F1H1H153A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C5718	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5719	F1H1A474A107	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5720	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5721	F1H1H153A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C5722	F1J2A221A030	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C5723	F1J2A221A030	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C5724	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5725	F1K2A1040007	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (3216 TYPE)
C5726	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5727	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5729	F1H1A474A107	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5730	F1H1H331A013	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5731	F1H1H102A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C5732	F1H1A474A107	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5733	F1H1H102A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C5734	ECQV1H474JL3	METALLIZED PLASTIC FILM CAPACITORS , LEAD TYPE
C5735	ECQV1H474JL3	METALLIZED PLASTIC FILM CAPACITORS , LEAD TYPE
C5736	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5737	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5738	F1H1H103A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5740	F1H1H103A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5800	F1H1H102A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C5801	F1H1A474A107	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5802	F1H1A474A107	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5803	F1H1H331A013	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5804	F2A2A220A388	ALUMINUM NON-SOLID ELECTROLYTIC CAPACITORS , LEAD TYPE
C5805	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5807	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5808	F1H1H330A230	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C5809	F1K2A1040007	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (3216 TYPE)
C5810	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5811	F1J2A221A030	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C5812	F1H1H153A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C5813	F1J2A221A030	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C5814	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5815	F1H1C474A140	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5816	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5817	F1H1H153A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C5818	F1J2A221A030	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C5819	F1J2A221A030	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (2125 TYPE)
C5820	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5821	F1K2A1040007	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (3216 TYPE)
C5822	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5823	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5825	F1H1A474A107	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5826	F1H1H331A013	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5827	F1H1H102A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C5828	F1H1A474A107	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5829	F1H1H102A219	Surface mounting multilayer ceramic capacitors , rectangular type (1608 type)
C5830	ECQV1H474JL3	METALLIZED PLASTIC FILM CAPACITORS , LEAD TYPE
C5831	ECQV1H474JL3	METALLIZED PLASTIC FILM CAPACITORS , LEAD TYPE
C5832	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5833	F1H1H104B047	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5834	F1H1H103A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
C5835	F2A1C100A207	Aluminum non-solid electrolytic capacitors , lead type
C5836	F1H1H103A219	SURFACE MOUNTING MULTILAYER CERAMIC CAPACITORS , RECTANGULAR TYPE (1608 TYPE)
CN2000	K1KA02BA0061	2-PIECE CONNECTORS FOR IN-EQUIPMENT USE (PCB SIDE)
CN2001	K1KA02BA0061	2-PIECE CONNECTORS FOR IN-EQUIPMENT USE (PCB SIDE)
CN2003	K1MY27AA0124	1-PIECE CONNECTORS FOR IN-EQUIPMENT USE
CN2004	K1MY17AA0124	1-PIECE CONNECTORS FOR IN-EQUIPMENT USE
CN2005	K1KA02AA0186	2-PIECE CONNECTORS FOR IN-EQUIPMENT USE (PCB SIDE)
CN2006	K1KA02AA0186	2-PIECE CONNECTORS FOR IN-EQUIPMENT USE (PCB SIDE)
CN2007	K1YZ15000001	Parts and accessories for connectors use
CN2008	K1KA02BA0061	2-PIECE CONNECTORS FOR IN-EQUIPMENT USE (PCB SIDE)
CN2009	K1MY30AA0124	1-PIECE CONNECTORS FOR IN-EQUIPMENT USE

CN2010	K1KA02BA0061	2-PIECE CONNECTORS FOR IN-EQUIPMENT USE (PCB SIDE)
CN2700	K1KA05AA0193	2-PIECE CONNECTORS FOR IN-EQUIPMENT USE (PCB SIDE)
D2000	B0JCPD000025	SCHOTTKY BARRIER DIODES
D2001	DA2J10100L	SWITCHING DIODES
D2002	DZ2J033M0L	Voltage regulation diodes
D2003	DZ2J033M0L	Voltage regulation diodes
D2004	B0BC3R700004	VOLTAGE REGULATION DIODES(B0BC3R700004)
D2006	DA2J10100L	SWITCHING DIODES
D2007	B0BC3R700004	VOLTAGE REGULATION DIODES(B0BC3R700004)
D2008	DA2J10100L	SWITCHING DIODES
D2009	DA2J10100L	SWITCHING DIODES
D2010	B0ADCC000002	Switching diodes
D2012	DA2J10100L	SWITCHING DIODES
D2014	B0ADDJ000032	SWITCHING DIODES
D2015	B0ACCK000005	Switching diodes
D2017	B0BC5R6A0266	VOLTAGE REGULATION DIODES
D2018	B0EAKM000117	Small capacity silicon rectifier diodes (less than 5 A)
D2020	B0EAKM000117	Small capacity silicon rectifier diodes (less than 5 A)
D2022	B0EAKM000117	Small capacity silicon rectifier diodes (less than 5 A)
D2028	DA2J10100L	SWITCHING DIODES
D2032	DA2J10100L	SWITCHING DIODES
D2300	DA2J10100L	SWITCHING DIODES
D5600	B0ACCK000012	SWITCHING DIODES
D5601	B0ACCK000012	SWITCHING DIODES
D5602	DZ2J051M0L	Voltage regulation diodes
D5700	B0HCSP000001	* INCLUDED IN B0A OR B0E,B0F,B0G (FAST RECOVERY DIODES)
D5701	B0HCSP000001	* INCLUDED IN B0A OR B0E,B0F,B0G (FAST RECOVERY DIODES)
D5702	B0HCSP000001	* INCLUDED IN B0A OR B0E,B0F,B0G (FAST RECOVERY DIODES)
D5703	B0HCSP000001	* INCLUDED IN B0A OR B0E,B0F,B0G (FAST RECOVERY DIODES)
D5800	B0HCSP000001	* INCLUDED IN B0A OR B0E,B0F,B0G (FAST RECOVERY DIODES)
D5801	B0HCSP000001	* INCLUDED IN B0A OR B0E,B0F,B0G (FAST RECOVERY DIODES)
D5802	B0HCSP000001	* INCLUDED IN B0A OR B0E,B0F,B0G (FAST RECOVERY DIODES)
D5803	B0HCSP000001	* INCLUDED IN B0A OR B0E,B0F,B0G (FAST RECOVERY DIODES)
DZ2000	B0JCPD000025	SCHOTTKY BARRIER DIODES
IC52	C1AB00003566	ICS FOR VIDEO / AUDIO
IC2000	C1AB00003256	ICS FOR VIDEO / AUDIO
IC2001	C0ABBB000067	Operational amplifiers
IC2002	C0ABBB000067	Operational amplifiers
IC2003	MN101EF16KXW	8 BIT 1-CHIP MICROCONTROLLER
IC2004	C0ABBB000067	Operational amplifiers
IC2005	C0AABB000125	OPERATIONAL AMPLIFIERS
IC2006	C3EBEY000037	EEPROM
IC2008	C0DBZY00311	ICS FOR POWER SUPPLY
IC2010	C0DAAYG00001	ICS FOR POWER SUPPLY
IC2011	C0DAAYG00001	ICS FOR POWER SUPPLY
IC2012	C0ABBB000067	Operational amplifiers
IC2014	C0DBEY00123	ICS FOR POWER SUPPLY
IC5600	C0JBAB000902	LOGIC ICS
IC5700	C1BA00000497	* INCLUDED IN C1A (ICS FOR AUDIO EQUIPMENT)
IC5800	C1BA00000497	* INCLUDED IN C1A (ICS FOR AUDIO EQUIPMENT)
JK51	K4ZZ02000103	OTHER TERMINALS /TERMINAL BOARDS /ACCESSORIES
JK52	K4AC02B00042	TERMINALS / TERMINAL BLOCKS
JK2000	K2HA204B0153	JACKS FOR SMALL SIGNAL (EQUIPMENT SIDE)
JK5601	K4AZ08A00004	TERMINALS / TERMINAL BLOCKS
L51	G1CR18JA0020	SURFACE MOUNTING INDUCTORS
L52	G2A380Y00002	VARIABLE COILS (INCLUDING IFT)
L54	D0GBR00JA008	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
L2000	G0A330ZA0045	* INCLUDED IN G0C (NORMAL-MODE LINE CHOKE COILS)
L2001	G0A330ZA0045	* INCLUDED IN G0C (NORMAL-MODE LINE CHOKE COILS)
L2004	G1C100KA0101	SURFACE MOUNTING INDUCTORS
L5600	J0JKB0000020	Filter for EMI / EMC (Beads cores)
L5601	J0JKB0000020	Filter for EMI / EMC (Beads cores)
L5700	G0A150L00003	INDUCTOR(NORMAL-MODE LINE CHOKE COILS)
L5800	G0A150L00003	INDUCTOR(NORMAL-MODE LINE CHOKE COILS)
LB51	J0JBC0000032	FILTER FOR EMI / EMC (BEADS CORES)
LB2000	D0GBR00JA008	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
LB2001	D0GBR00JA008	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
LB2002	D0GBR00JA008	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
LB2003	D0GBR00JA008	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
LB2004	D0GBR00JA008	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
LB2005	D0GBR00JA008	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
LB2006	J0JBC0000019	Filter for EMI / EMC (Beads cores)
LB2007	D0GBR00JA008	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
Q2000	B1ADCE000012	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q2001	B1ABCF000231	SILICON TRANSISTORS

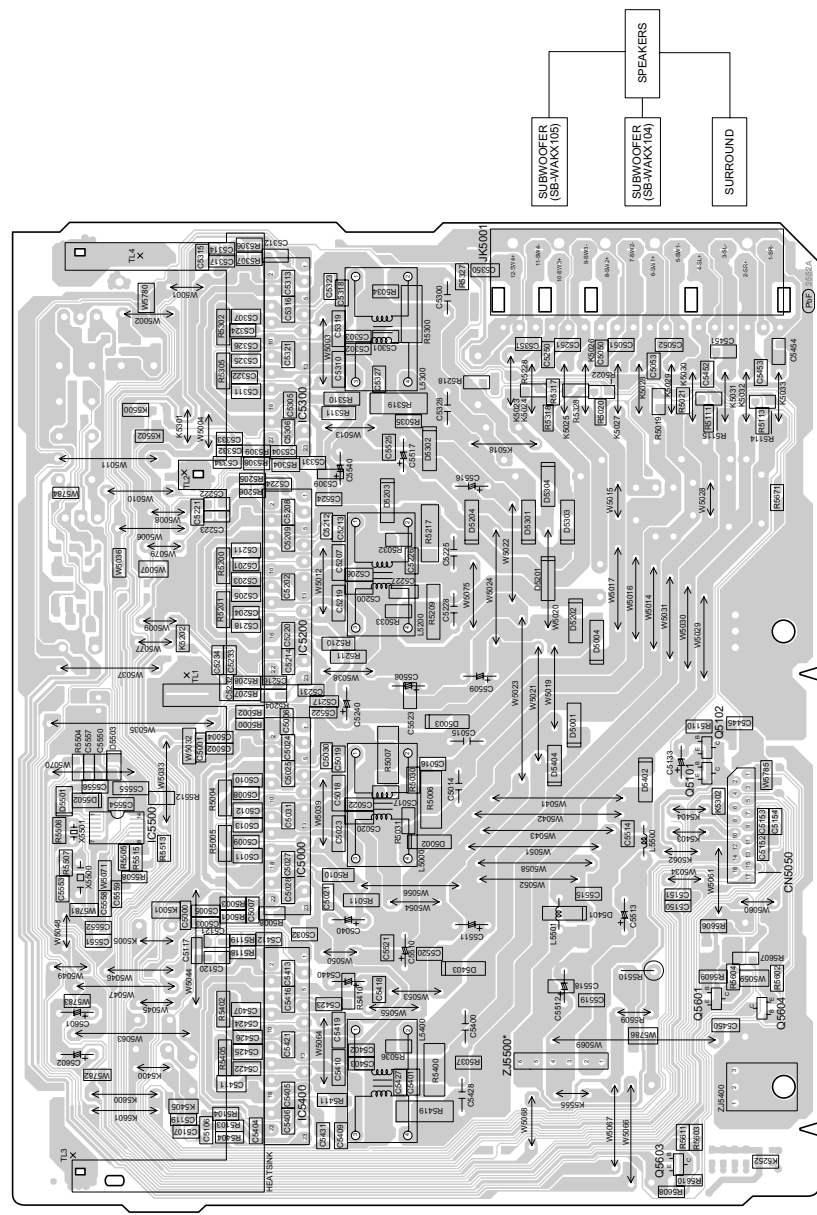
Q2002	B1ABCF000231	SILICON TRANSISTORS
Q2003	B1ABCF000231	SILICON TRANSISTORS
Q2004	B1GDCFJ0047	RESISTOR BUILT-IN TYPE TRANSISTORS
Q2005	B1GDCFJ0047	RESISTOR BUILT-IN TYPE TRANSISTORS
Q2006	B1GDCFJ0047	RESISTOR BUILT-IN TYPE TRANSISTORS
Q2007	B1ABCF000176	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q2008	B1ABCF000176	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q2009	B1ABCF000176	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q2010	B1ABCF000176	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q2011	B1GBCFLL0037	RESISTOR BUILT-IN TYPE TRANSISTORS
Q2016	B1ADCE000012	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q2017	B1GBCFJJ0051	RESISTOR BUILT-IN TYPE TRANSISTORS
Q2018	B1GBCFJJ0051	RESISTOR BUILT-IN TYPE TRANSISTORS
Q2019	B1ADCE000012	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q2020	B1AAJC000019	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q2021	B1ABCF000231	SILICON TRANSISTORS
Q2022	B1AAJC000019	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q2023	B1ADCE000012	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q2024	B1ABCF000231	SILICON TRANSISTORS
Q2025	B1ABCF000231	SILICON TRANSISTORS
Q2026	B1ADCE000012	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q2027	B1ADCE000012	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q2028	B1ABCF000176	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q2029	B1ABCF000176	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q2030	B1ABCF000176	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q2031	B1ABCF000231	SILICON TRANSISTORS
Q2032	B1ABCF000176	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q2033	B1AAJC000019	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q2035	B1BAG000007	POWER SILICON TRANSISTORS (ALLOWABLE LOSS: 1 W OR MORE)
Q2037	B1ABCF000176	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q2038	B1ABCF000176	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q2039	B1ADCE000012	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q2040	B1ABCF000176	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q2041	B1ABCF000176	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q2042	B1ABCF000176	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q2050	B1ADCE000012	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q5600	B1ADCE000012	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q5601	B1ABCF000176	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q5602	B1ABCF000176	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q5603	B1ABCF000176	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
Q5604	B1ABCF000176	SMALL SIGNAL SILICON TRANSISTORS (ALLOWABLE LOSS: LESS THAN 1 W)
QR2000	B1GBCFJJ0051	RESISTOR BUILT-IN TYPE TRANSISTORS
QR2001	B1GBCFJJ0051	RESISTOR BUILT-IN TYPE TRANSISTORS
QR2003	B1GBCFJJ0051	RESISTOR BUILT-IN TYPE TRANSISTORS
QR2004	B1GBCFGN0016	RESISTOR BUILT-IN TYPE TRANSISTORS
QR2005	B1GBCFJJ0051	RESISTOR BUILT-IN TYPE TRANSISTORS
QR2006	B1GBCFJJ0051	RESISTOR BUILT-IN TYPE TRANSISTORS
R51	ERJ3GEYJ102V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R52	ERJ3GEYJ102V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R53	ERJ2GEJ472X	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
R54	ERJ2GEJ472X	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
R55	ERJ2GEJ221X	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
R56	ERJ3GEYJ221V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R57	ERJ2GEJ102X	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
R59	ERJ3GEYJ222V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R61	ERJ3GEYJ473V	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS, RECTANGULAR TYPE
R62	ERJ3GEYJ473V	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS, RECTANGULAR TYPE
R64	D0GBR00JA008	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
R2001	ERJ3GEYJ822V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R2002	ERJ3GEYJ822V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R2003	ERJ3GEYJ392V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R2004	ERJ3GEYJ392V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R2005	ERJ3GEYJ103V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R2006	ERJ3GEYJ103V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R2007	ERJ3GEYJ332V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R2008	ERJ3GEYJ332V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R2010	ERJ3GEY0R00V	SURFACE MOUNTING OTHER FIXED RESISTORS , RECTANGULAR TYPE (JUMPER WIRE RESISTOR INCLUDED) 1
R2011	ERJ3GEY0R00V	SURFACE MOUNTING OTHER FIXED RESISTORS , RECTANGULAR TYPE (JUMPER WIRE RESISTOR INCLUDED) 1
R2012	ERJ3GEYJ681V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R2013	ERJ3GEY0R00V	SURFACE MOUNTING OTHER FIXED RESISTORS , RECTANGULAR TYPE (JUMPER WIRE RESISTOR INCLUDED) 1
R2014	ERJ3GEYJ103V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R2015	ERJ3GEYJ681V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R2016	ERJ3GEYJ473V	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS, RECTANGULAR TYPE
R2017	D0GB332JA008	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
R2018	ERJ3GEYJ332V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type

[illegible]

R5617	ERJ3GEYJ822V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R5618	ERJ3GEYJ104V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R5619	ERJ3GEYJ154V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R5621	ERJ3GEYJ104V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R5622	ERJ3GEYJ154V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R5629	D0YRR0000001	SURFACE MOUNTING OTHER FIXED RESISTORS , RECTANGULAR TYPE (JUMPER WIRE RESISTOR INCLUDED)
R5630	D0YRR0000001	SURFACE MOUNTING OTHER FIXED RESISTORS , RECTANGULAR TYPE (JUMPER WIRE RESISTOR INCLUDED)
R5631	D0YRR0000001	SURFACE MOUNTING OTHER FIXED RESISTORS , RECTANGULAR TYPE (JUMPER WIRE RESISTOR INCLUDED)
R5632	D0YRR0000001	SURFACE MOUNTING OTHER FIXED RESISTORS , RECTANGULAR TYPE (JUMPER WIRE RESISTOR INCLUDED)
R5633	D0YRR0000001	SURFACE MOUNTING OTHER FIXED RESISTORS , RECTANGULAR TYPE (JUMPER WIRE RESISTOR INCLUDED)
R5634	D0YRR0000001	SURFACE MOUNTING OTHER FIXED RESISTORS , RECTANGULAR TYPE (JUMPER WIRE RESISTOR INCLUDED)
R5635	D0YRR0000001	SURFACE MOUNTING OTHER FIXED RESISTORS , RECTANGULAR TYPE (JUMPER WIRE RESISTOR INCLUDED)
R5700	ERJ3GEYJ562V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R5701	ERJ3GEYJ562V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R5702	D0GF100JA014	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
R5703	D0GF100JA014	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
R5704	D0GF100JA014	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
R5705	D0GF100JA014	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
R5706	ERJ3GEYJ562V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R5707	ERJ3GEYJ562V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R5708	ERJ3GEYJ101V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R5709	D0GZ220JA012	SURFACE MOUNTING FIXED RESISTORS , RECTANGULAR TYPE
R5710	D0GZ220JA012	SURFACE MOUNTING FIXED RESISTORS , RECTANGULAR TYPE
R5711	ERJ3GEYJ562V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R5712	ERJ3GEYJ562V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R5800	ERJ3GEYJ562V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R5801	ERJ3GEYJ562V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R5802	D0GF100JA014	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
R5803	D0GF100JA014	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
R5804	D0GF100JA014	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
R5805	D0GF100JA014	SURFACE MOUNTING FIXED METAL GLAZE FILM (THICK FILM) RESISTORS , RECTANGULAR TYPE
R5806	ERJ3GEYJ562V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R5807	ERJ3GEYJ562V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R5808	ERJ3GEYJ101V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R5809	D0GZ220JA012	SURFACE MOUNTING FIXED RESISTORS , RECTANGULAR TYPE
R5810	D0GZ220JA012	SURFACE MOUNTING FIXED RESISTORS , RECTANGULAR TYPE
R5811	ERJ3GEYJ562V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
R5812	ERJ3GEYJ562V	Surface mounting fixed metal glaze film (thick film) resistors , rectangular type
VA51	EZAEG2A50AX	OTHER FILTERS
X51	H0A327200181	CRYSTAL RESONATORS ,LEAD TYPE
X2000	H0A327200181	CRYSTAL RESONATORS ,LEAD TYPE
X2001	H2B800400007	Piezo-ceramic resonators with built-in capacitors , lead type
X5601	H2A6023A0011	PIEZO-CERAMIC RESONATORS , LEAD TYPE
X5602	H2A7003A0011	PIEZO-CERAMIC RESONATORS , LEAD TYPE
ZA10	RMX0035	HEAT SINK CLIP A
ZA11	RMV0418A	HEATSINK BIG
ZA12	RMX0035	HEAT SINK CLIP A
ZJ2000	K9ZZ00001279	TAPING EARTH FITTING
ZJ2001	REX1531	6P FLAT WIRE MAIN TO MAIN PCB
ZJ2007	REX1527	15P FLAT WIRE SMPS TO MAIN

17.5. D-Amp P.C.B.

L D-AMP P.C.B. (REPM12X951A)



Nota:
Para el valor y clave de cada componente referirse a: "Lista de partes Eléctricas" a partir de la página 144.

NOTE: " " REF IS FOR INDICATION ONLY.

SA-AKX95
D-AMP P.C.B.

18.1.2. CD Servo P.C.B. (2/3)

REF NO.	IC8251																			
MODE	21	22	23	24	25	26	27	28	29	30										
CD PLAY	1.5	0	1.5	9.3	9.3	1.7	1.7	3.3	0	0										
REF NO.	IC8301																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
CD PLAY	2.3	1.5	0	0	0	5	3.2	0	0	0.9	0.9	0.9	0	3.3	0	0				
REF NO.	IC8401																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	1.8	2.5	3.3	0	3.2	0.8	3.3	3.3												
REF NO.	IC8501																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0	0	0	0	0	0	0	0	0	0	3.0	3.0	3.0	0	0	3.0	0	0	0	0
REF NO.	IC8501																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	0	0	0	0	0	0	0	0	0	3.0	0	0	0	0	0	0	3.0	3.0	0	0
REF NO.	IC8501																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
CD PLAY	0	3.0	3.0	3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REF NO.	IC8501																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
CD PLAY	0	3.0	0	0	0	0	0	0	0	3.0	3.0	3.0	3.0	0	0	0	0	0	0	0
REF NO.	IC8501																			
MODE	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
CD PLAY	0	0	0	0	0	0	0	0	0	0	0	0	0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
REF NO.	IC8501																			
MODE	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
CD PLAY	3.0	3.0	3.0	3.0	3.0	3.0	0	0	3.0	0	0	0	0	3.0	3.0	3.0	0	0	0	0
REF NO.	IC8501																			
MODE	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140
CD PLAY	0	0	3.0	3.0	3.0	0	0	0	0	3.0	0	0	0	0	0	3.0	3.0	0	0	0
REF NO.	IC8501																			
MODE	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160
CD PLAY	0	0	0	3.0	0	0	0	0	0	3.0	0	3.0	0	0	0	0	0	3.0	0	0
REF NO.	IC8501																			
MODE	161	162	163	164	165	166	167	168	169											
CD PLAY	0	0	0	0	0	0	0	0	0											

SA-AKX105/95 CD SERVO P.C.B.

18.1.3. CD Servo P.C.B. (3/3)

REF NO.	Q8201																			
MODE	E	C	B																	
CD PLAY	2.4	2	3																	

SA-AKX105/95 CD SERVO P.C.B.

18.1.4. Main P.C.B. (1/4)

REF NO.	IC52																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
TUNER	0	1.5	0	3.0	3.0	0	3.0	3.3	3.3	3.3	3.3	0	1.4	0.3	0	0	3.3	3.0	0	0
REF NO.	IC2000																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER ON	0	3.1	2.0	0	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	0	0	3.3	3.3
STANDBY	0	0	0	0	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	0	0	3.3	3.3
REF NO.	IC2000																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
POWER ON	8.6	0	0.2	0	0.7	4.4	4.4	0.3	4.2	4.2	4.2	4.2	4.3	4.4	4.4	0	2.0	3.1	0	0
STANDBY	8.6	0	0.2	0	0.7	4.4	4.4	0.3	4.2	4.2	4.2	4.2	4.3	4.4	4.4	0	0	0	0	0
REF NO.	IC2000																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52								
POWER ON	0	3.0	0	4.0	0	4.3	4.0	0	0	3.0	0	0								
STANDBY	0	0	0	0	0	4.3	0	0	0	0	0	0								
REF NO.	IC2001																			
MODE	1	2	3	4	5	6	7	8												
POWER ON	8.0	0	8.0	0	8.0	0	8.0	16.0												
STANDBY	8.0	0	8.0	0	8.0	0	8.0	16.0												
REF NO.	IC2002																			
MODE	1	2	3	4	5	6	7	8												
POWER ON	4.3	4.3	4.3	0	4.3	4.3	4.3	8.6												
STANDBY	4.3	4.3	4.3	0	4.3	4.3	4.3	8.6												
REF NO.	IC2003																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER ON	0	3.3	3.3	0	0	0	1.2	0	3.3	3.3	0	1.5	1.6	0	1.1	1.7	3.3	1.8	3.2	3.2
STANDBY	0	3.3	3.3	0	0	0	1.2	0	3.3	3.3	0	1.5	1.6	0	1.1	1.7	3.3	1.8	3.2	0
REF NO.	IC2003																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
POWER ON	3.2	3.2	3.3	0	3.0	0	1.9	3.3	0	3.3	0	0	0	0	0	1.7	1.8	0	0	0
STANDBY	0	3.2	3.3	0	3.0	0	1.9	3.3	0	3.3	0	0	0	0	0	1.7	1.8	0	0	0
REF NO.	IC2003																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
POWER ON	0	0	3.0	0	0	0	0	3.3	0	0	0	3.3	3.3	0	0	0	0	0	0	0
STANDBY	0	0	3.0	0	0	0	0	3.3	0	0	0	3.3	3.3	0	0	0	0	0	0	0
REF NO.	IC2003																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
POWER ON	0	0	0	3.0	3.0	0	0	0	3.3	0	0	0	3.3	3.3	3.3	3.3	3.3	0	0	0
STANDBY	0	0	0	3.0	3.0	0	0	0	3.3	0	0	0	3.3	3.3	3.3	3.3	3.3	0	0	0

SA-AKX105/95 MAIN P.C.B.

18.1.5. Main P.C.B. (2/4)

REF NO.	IC2003																			
MODE	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
POWER ON	0	3.3	3.3	0	0	3.3	3.3	3.3	3.3	0	0	0	0.6	0.9	3.3	0	0.9	3.3	2.6	3.3
STANDBY	0	3.3	3.3	0	0	3.3	3.3	3.3	3.3	0	0	0	0.6	0.9	3.3	0	0.9	3.3	2.6	3.3
REF NO.	IC2004																			
MODE	1	2	3	4	5	6	7	8												
POWER ON	9.1	17.1	5.5	0	8.8	8.8	8.8	17.0												
TUNER	9.1	17.1	5.5	0	8.8	8.8	8.8	17.0												
REF NO.	IC2005																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	9.0	9.0	9.0	0	9.0	9.0	9.0	17.8												
STANDBY	0	0	0	0	0	0	0	17.8												
REF NO.	IC2006																			
MODE	1	2	3	4	5	6	7	8												
POWER ON	0	0	0	0	2.0	3.0	3.0	3.3												
STANDBY	0	0	0	0	2.0	3.0	3.0	3.3												
REF NO.	IC2008																			
MODE	1	2	3	4	5															
POWER ON	5.2	0	3.3	3.3	5.2															
STANDBY	5.2	0	3.3	3.3	5.2															
REF NO.	IC2010																			
MODE	1	2	3	4	5															
POWER ON	18.2	9.3	0	1	2.9															
STANDBY	18.2	9.3	0	1	2.9															
REF NO.	IC2011																			
MODE	1	2	3	4	5															
POWER ON	18.0	5.2	0	1.0	2.9															
STANDBY	18.0	5.2	0	1.0	2.9															
REF NO.	IC2012																			
MODE	1	2	3	4	5	6	7	8												
POWER ON	7.1	0.5	0.5	0	0	0	0	18.0												
STANDBY	7.1	0.5	0.5	0	0	0	0	18.0												
REF NO.	IC2014																			
MODE	1	2	3	4	5	6	7	8												
POWER ON	3.4	0.8	0	0	5.1	0	0	5.2												
STANDBY	3.4	0.8	0	0	5.1	0	0	5.2												
REF NO.	IC5600																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
CD PLAY	0	5.1	0	0	2.7	2.2	0	2.6	2.3	0	2.5	2.7	2.3	5.3						
STANDBY	0	5.1	0	0	2.7	2.2	0	2.6	2.3	0	2.5	2.7	2.3	5.3						

SA-AKX105/95 MAIN P.C.B.

18.1.6. Main P.C.B. (3/4)

REF NO.	IC5700																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	-11.0	0	0	34.5	0	-32.9	-24.6	35.6	0	0	-34.0	-31.0	-34.0	0	9.0	34.6	-34.0	-34.0	0	34.0
STANDBY	-11.0	0	0	34.5	0	-32.9	-24.6	35.6	0	0	-34.0	-31.0	-34.0	0	9.0	34.6	-34.0	-34.0	0	34.0
REF NO.	IC5700																			
MODE	21	22	23																	
CD PLAY	0	0	5.0																	
STANDBY	0	0	2.3																	
REF NO.	IC5800																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	-11.0	0	0	34.5	0	-32.9	-24.6	35.6	0	0	-34.0	-31.0	-34.0	0	9.0	34.6	-34.0	-34.0	0	34.0
STANDBY	-11.0	0	0	34.5	0	-32.9	-24.6	35.6	0	0	-34.0	-31.0	-34.0	0	9.0	34.6	-34.0	-34.0	0	34.0
REF NO.	IC5800																			
MODE	21	22	23																	
CD PLAY	0	0	5.0																	
STANDBY	0	0	2.3																	
REF NO.	Q2000				Q2001				Q2002				Q2003				Q2004			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	0	1.7	2.3		0	0	0.5		0	0	15.0		0	3.3	0		0	2.0	0	
STANDBY	0	1.7	2.3		0	0	0.5		0	0	15.0		0	3.3	0		0	2.0	0	
REF NO.	Q2005				Q2006				Q2007				Q2008				Q2009			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	3.3	2.0	0		0	0	3.3		0	9.0	4.3		0	8.8	0		0	8.8	2.0	
STANDBY	3.3	2.0	0		0	0	3.3		0	9.0	4.3		0	8.8	0		0	8.8	2.0	
REF NO.	Q2010				Q2011				Q2016				Q2017				Q2020			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	0	8.8	2.0		0	3.3	0		2.3	1.6	1.1		0	3.2	0		5.7	18.2	6.3	
STANDBY	0	8.8	2.0		0	3.3	0		2.3	1.6	1.1		0	3.2	0		5.7	18.2	6.3	
REF NO.	Q2021				Q2023				Q2026				Q2028				Q2029			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	0	15.0	15.0		18.2	0	18.1		0	0	1.9		8.1	17.2	8.5		8.1	17.2	8.5	
STANDBY	0	15.0	15.0		18.2	0	18.1		0	0	1.9		8.1	17.2	8.5		8.1	17.2	8.5	
REF NO.	Q2030				Q2032				Q2035				Q2037				Q2038			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	8.1	17.2	8.5		8.1	17.2	8.5		0	34.1	2.0		0	4.4	3.0		0	1.9	1.5	
STANDBY	8.1	17.2	8.5		8.1	17.2	8.5		0	34.1	2.0		0	4.4	3.0		0	1.9	1.5	
REF NO.	Q2039				Q2040				Q2041				Q2042				Q2050			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	0.9	0	1.9		0	4.3	4.4		0	4.4	4.3		0	3.3	0		0	0	9.0	
STANDBY	0.9	0	1.9		0	4.3	4.4		0	4.4	4.3		0	3.3	0		0	0	0.2	
SA-AKX105/95 MAIN P.C.B																				

SA-AKX105/95 MAIN P.C.B.

18.1.7. Main P.C.B. (4/4)

REF NO.	Q5603				Q5604														
MODE	E	C	B		E	C	B												
CD PLAY	0	3.3	0		0	3.3	0												
STANDBY	0	3.3	0		0	3.3	0												

REF NO.	Q2018				Q2022				Q2024				Q2025				Q2027			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
POWER ON	0	5.0	0		5.1	7.0	5.8		0	3.2	1.0		0	1.0	5.0		9.0	8.9	9.0	
STANDBY	0	5.0	0		5.1	7.0	5.8		0	3.2	1.0		0	1.0	5.0		9.0	8.9	9.0	

REF NO.	Q2018				Q2022				Q2024				Q2025				Q2027			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
POWER ON	0	5.0	0		5.1	7.0	5.8		0	3.2	1.0		0	1.0	5.0		9.0	8.9	9.0	
STANDBY	0	5.0	0		5.1	7.0	5.8		0	3.2	1.0		0	1.0	5.0		9.0	8.9	9.0	

REF NO.	Q2031				Q2033				Q5600				Q5601				Q5602			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
POWER ON	0	3.3	3.2		16.0	18.2	7.1		5.1	5.1	4.5		0	5.0	0		0	0	0.6	
STANDBY	0	3.3	3.2		16.0	18.2	7.1		5.1	5.1	4.5		0	5.0	0		0	0	0.6	

REF NO.	QR2000				QR2001				QR2003				QR2005				QR2006			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
POWER ON	0	0	8.9		4.2	4.2	0		0	3.3	0		0	3.3	0		0	3.2	3.2	
STANDBY	0	0	8.9		4.2	4.2	0		0	3.3	0		0	3.3	0		0	3.2	3.2	

REF NO.	Q2019				QR2004														
MODE	E	C	B		E	C	B												
USB	5.2	5.0	0		0	0	3.3												
STANDBY	5.2	0	0		0	0	0												

SA-AKX105/95 MAIN P.C.B

SA-AKX105/95 MAIN P.C.B.

18.1.8. Panel P.C.B.

REF NO.	IC6000																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER ON	0	0	0	0	2.0	0	0	0	2.3	0	0	0	3.4	16.2	16.2	19.9	21.9	20.0	21.9	19.9
STANDBY	0	0	0	0	2.0	0	0	0	2.3	0	0	0	3.4	16.2	16.2	19.9	21.9	20.0	21.9	19.9

REF NO.	IC6000																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
POWER ON	19.9	21.9	23.7	21.9	14.2	21.9	16.2	21.9	23.9	24.3	24.3	22.0	21.9	3.40	21.9	21.9	21.9	21.9	21.9	21.9
STANDBY	19.9	21.9	23.7	21.9	14.2	21.9	16.2	21.9	23.9	24.3	24.3	22.0	21.9	3.40	21.9	21.9	21.9	21.9	21.9	21.9

REF NO.	IC6000																			
MODE	41	42	43	44																
POWER ON	22.0	22.0	3.4	0																
STANDBY	22.0	22.0	3.4	0																

REF NO.	Q6002				Q6003				QR6001				QR6003							
MODE	E	C	B		E	C	B		E	C	B		E	C	B					
POWER ON	0	5.0	0		0	17.8	0		0	0	0		0	4.0	3.0					
STANDBY	0	5.0	0		0	17.8	0		0	0	0		0	4.0	3.0					

SA-AKX105/95 PANEL P.C.B.

18.1.9. D-Amp P.C.B.

REF NO. MODE	IC5000																			
POWER ON	2.5	0	0	37	0	-34.1	-28.5	37.3	8.9	0	-37.3	-27.2	-37.3	0	8.9	37.3	-37.1	-37.1	0	37
STANDBY	2.5	0	0	37	0	-34.1	-28.5	37.3	8.9	0	-37.3	-27.2	-37.3	0	8.9	37.3	-37.1	-37.1	0	37
REF NO. MODE	IC5000																			
POWER ON	0	0	5.0																	
STANDBY	0	0	5.0																	
REF NO. MODE	IC5200																			
POWER ON	2.5	0	0	37	0	-34.1	-28.6	37.3	8.9	0	-37.4	-27.2	-37.4	0	8.8	37.3	-37.1	-37.1	0	37
STANDBY	2.5	0	0	37	0	-34.1	-28.6	37.3	8.9	0	-37.4	-27.2	-37.4	0	8.8	37.3	-37.1	-37.1	0	37
REF NO. MODE	IC5200																			
POWER ON	0	0	5																	
STANDBY	0	0	5																	
REF NO. MODE	IC5300																			
POWER ON	2.5	0	0	37	0	-34.1	-28.6	37.3	8.8	-0.2	-37.3	-27.3	-37.4	-0.3	8.8	37.3	-37.3	-37.2	0	37
STANDBY	2.5	0	0	37	0	-34.1	-28.6	37.3	8.8	-0.2	-37.3	-27.3	-37.4	-0.3	8.8	37.3	-37.3	-37.2	0	37
REF NO. MODE	IC5300																			
POWER ON	0	0	5																	
STANDBY	0	0	5																	
REF NO. MODE	IC5400																			
POWER ON	2.5	0	0	37	0	-34.1	-28.5	37.3	8.9	0	-37.3	-27.2	-37.3	0	8.9	37.3	-37.1	-37.1	0	37
STANDBY	2.5	0	0	37	0	-34.1	-28.5	37.3	8.9	0	-37.3	-27.2	-37.3	0	8.9	37.3	-37.1	-37.1	0	37
REF NO. MODE	IC5400																			
POWER ON	0	0	5																	
STANDBY	0	0	5																	
REF NO. MODE	IC5500																			
POWER ON	0	1.8	5	0	2.6	2.6	0	0	5.4	5.4	0	0	5.4	5.4						
STANDBY	0	1.8	5	0	2.6	2.6	0	0	5.4	5.4	0	0	5.4	5.4						
REF NO. MODE	Q5101 Q5102 Q5601 Q5604																			
POWER ON	0	3.3	0		0	3.3	0		0	5.0	0		0	0	0.7					
STANDBY	0	3.3	0		0	3.3	0		0	5.0	0		0	0	0.7					

SA-AKX105/95 D-AMP P.C.B.

18.1.10. SMPS P.C.B.

REF NO.	IC5701															
MODE	1	2	3	4	5	6	7	8								
POWER ON	164.8	0	0	19.1	0	1.4	0.5	0								
STANDBY	164.8	0	0	19.1	0	1.4	0.5	0								
REF NO.	IC5799															
MODE	1	2	3	4	5	6	7	8								
POWER ON	5.9	1.0	2.3	11.0	164.2	0	0	0								
STANDBY	5.9	1.0	2.3	11.0	164.2	0	0	0								
REF NO.	IC5801															
MODE	K	A	R													
POWER ON	2.4	2.0	-30.0													
STANDBY	2.4	2.0	-30.0													
REF NO.	IC5899															
MODE	K	A	R													
POWER ON	1.2	0	0													
STANDBY	1.2	0	0													
REF NO.	Q5700				Q5720				Q5721				Q5722			
MODE	E	C	B		E	C	B		E	C	B		E	C	B	
POWER ON	0	0.5	0		7.3	8.5	7.6		19.7	19.7	19.0		0	19.6	0	
STANDBY	0	0.5	0		7.4	8.6	7.7		19.7	19.7	19.0		0	19.6	0	
REF NO.	Q5861				Q5862				Q5898				QR5801			
MODE	E	C	B		E	C	B		E	C	B		E	C	B	
POWER ON	1.3	0	0.7		0	0	0.7		0	3.3	0		0	3.1	0	
STANDBY	1.3	0	0.7		0	3.3	0		0	3.3	0		0	3.1	0	
REF NO.	QR5810															
MODE	E	C	B													
POWER ON	0	0	3.1													
STANDBY	0	0	3.1													

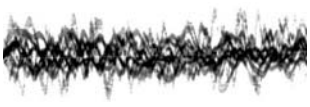
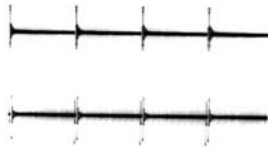
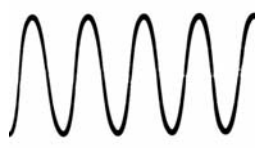
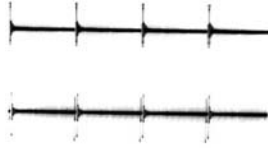
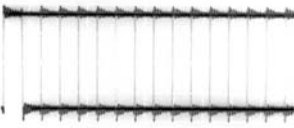
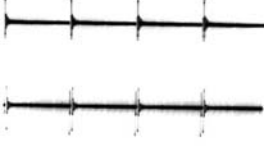
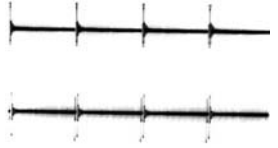
SA-AKX105/95 SMPS P.C.B.

18.1.11. Mic P.C.B.

REF NO.	IC6500													
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
POWER ON	4.3	4.3	4.3	4.3	4.3	4.3	4.3	0	0	4.3	0	0	8.6	4.3
STANDBY	4.3	4.3	4.3	4.3	4.3	4.3	4.3	0	0	4.3	0	0	8.6	4.3

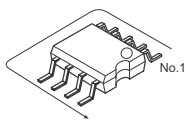
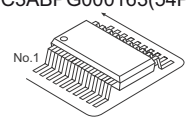
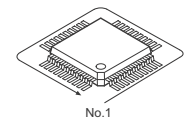
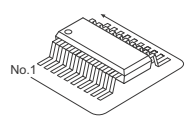
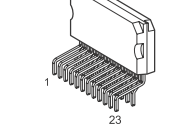
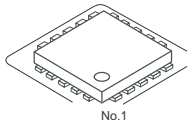
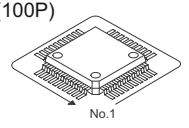
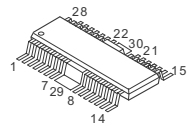
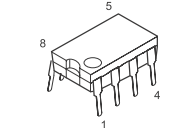
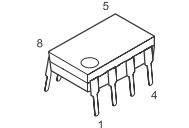
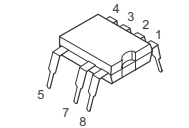
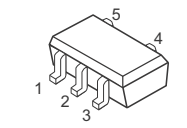
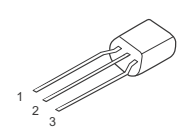
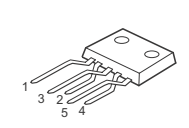
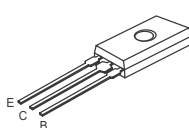
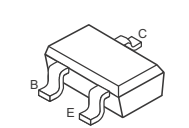
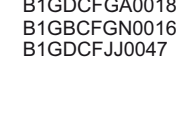
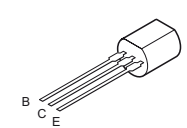
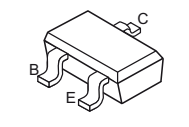
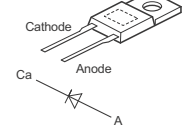
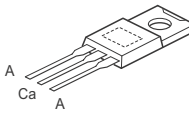
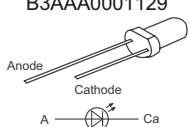
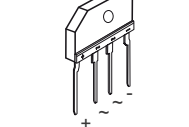
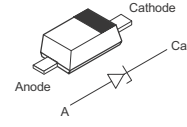
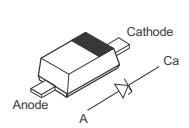
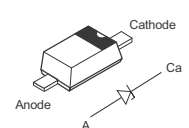
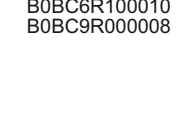
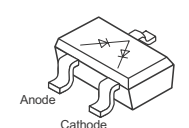
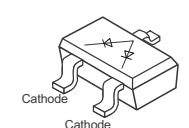
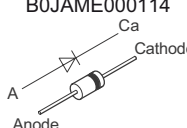
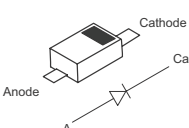
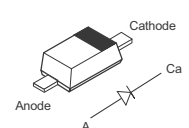
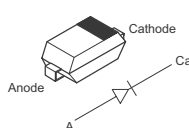
SA-AKX105/95 MIC P.C.B.

18.1.12. Waveform Table

WF No. IC52-2,13,14 (PLAY)  0.1Vp-p(200usec/div)	WF No. IC2000-2,3,42,50 (PLAY)  0.48Vp-p(1usec/div)	WF No. IC2000-5,6,7 (PLAY)  2Vp-p(200usec/div)	WF No. IC2000-17,22 (PLAY)  0.48Vp-p(1usec/div)
WF No. IC2000-44,47 (PLAY)  1.1Vp-p(50usec/div)	WF No. IC2003-12,13 (PLAY)  4Vp-p(50nsec/div)	WF No. IC2003-15,16 (PLAY)  3Vp-p(10usec/div)	WF No. IC2005-1,2,6,7 (PLAY)  0.52Vp-p(1usec/div)
WF No. IC5700-10,14 (PLAY)  44Vp-p(1usec/div)	WF No. IC5700-2,21 (PLAY)  2Vp-p(1usec/div)	WF No. IC5800-10,14 (PLAY)  44Vp-p(1usec/div)	WF No. IC5800-2,21 (PLAY)  2Vp-p(1usec/div)
WF No. IC8001-55,56,57,58,59,60 (PLAY)  0.5Vp-p(2usec/div)	WF No. IC8001-94,95 (PLAY)  2.5Vp-p(200usec/div)	WF No. IC8001-123,125 (PLAY)  0.4Vp-p(5usec/div)	WF No. IC8301-1,2 (PLAY)  2Vp-p(200usec/div)
WF No. IC8301-9 (PLAY)  0.4Vp-p(1usec/div)			

18.2. Illustration of ICs, Transistor and Diode

*Este material se encuentra sin programar, debe ser programado.

C0ABBB000067 (8P) C0JBAB000902 (14P) 	C0FBAK000026(16P) C1AB00003130 (14P) C1ZBZ0004646 (8P) C3ABPG000163(54P) 	C0HBB0000057 (44P) 	C0DBEYY00123 (8P) C3FBMY000303 (8P) 	C1BA00000497 (23P) 	C1AB00003566 (20P) C3FBYY000034 (169P) 
C1AB00003256 (52P) MN6627992AB (144P) *MN101EF16KXW (100P) 	C0GBY0000117 	C3EBEY000037 (8P) 	C0AABB000125 (8P) 	MIP2F20MSSCF (8P) 	C0DBZYY00311 
C0DAZYY00039 C0DAEYY00040 	C0DAAYG00001 	B1BAAL000018 B1BABG000007 B1ZAZ0000058 	B1ABCF000176 B1ADCE000012 	B1ADCF000001 B1GBCFJJ0051 B1GBCFLL0037 B1GDCFGA0018 B1GBCFGN0016 B1GDCFJJ0047 	B1AAJC000019 
B1ABCF000231 B1GBCFJN0038 	B0HFRJ000012 B0ZAZ0000089 	B0ABSM000010 	B3AAA0000487 B3AEA0000127 B3AEA0000172 B3AAA0001129 	B0FBBV000006 	DZ2J033M0L DZ2J24000L DZ2J051M0L 
B0BC5R1A0266 B0BC5R600003 B0BC5R6A0266 	B0BC010A0007 B0BC019A0007 	B0BC035A0007 B0BC2R4A0006 B0BC3R700004 B0BC6R100010 B0BC9R000008 	B0ADCC000002 	B0ADDJ000032 	B0EAKM000117 B0EAMM000057 B0HAMP000094 B0JAME000114 
B0ECET000006 	B0ACCK000005 B0ACCK000012 DA2J10100L 	B0HCSP000001 B0JCPD000025 			

18.3. Terminal Function of ICs

18.3.1. IC2003 (*MN101EF16KXW): IC MICRO-PROCESSOR

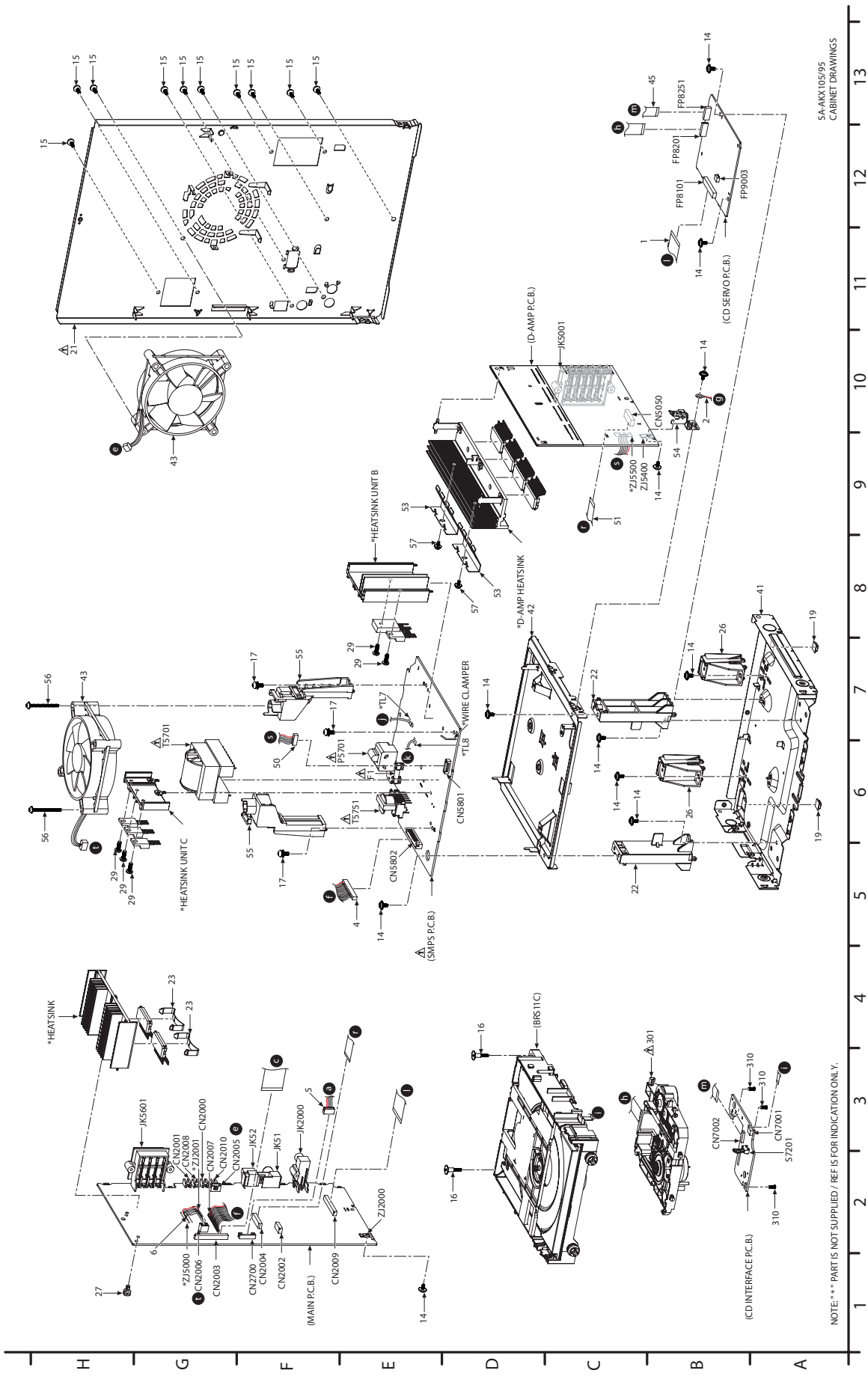
*Este material está sin programar, debe ser programado

Pin No.	Terminal Name	I/O	Function
1	CLIP_ATTN	O	Clipping attenuation
2	ASP_DATA	O	ASP data
3	ASP_CLK	O	ASP Clock
4	OCD_SDA	O	OCD Serial data
5	SW_MUTE	O	Subwoofer Muting
6	OCD_SCL	O	OC Serial Clock
7	M.PORT_SW	I	Music Port Detect
8	HP_SW	I	Headphone Detect
9	VOL_JOGA	I	Volume Jog A Signal
10	VOL_JOGB	I	Volume Jog B Signal
11	MM0D0 (GND)	-	Ground
12	XTOUT	O	Oscillator Output
13	XTIN	I	Oscillator Input
14	VSS	-	Ground
15	XI	I	Oscillator Input
16	XO	O	Oscillator Output
17	VDD3.3	-	+3.3 Voltage Supply
18	VDD1.8	-	+1.8 Voltage Supply
19	NRST	I	Reset Input (Active L)
20	FAN_OUT1	O	Fan Speed Control 1
21	FAN_OUT2	O	Fan Speed Control 2
22	TU_SDA	O	Tuner Serial Data
23	TU_CLK	O	Tuner Clock
24	TU_RST	O	Tuner Reset
25	TU_INT	I	Tuner Interrupt
26	PCONT	O	Power Control
27	SYNC	I	AC Failure Detection Input
28	DCDET2	I	DC Detect (D-AMP IC Failure Detection)
29	ECO_CNTRL	O	Eco Mode Control
30	NC	-	No Connection
31	SMPS_BP	O	SMPS Breatproof
32	ROTARY JOGB	O	Rotary jog for browse operation (Album & Track)
33	ROTARY JOGA	O	Rotary jog for browse operation (Album & Track)
34	EE_DATA	O	EEPROM IC Serial data
35	EE_CS	O	EEPROM IC Chip select
36	EE_CLK	O	EEPROM IC Serial clock
37	VDD18	-	+1.8V Voltage Supply
38	LED_DIMMER	O	LCD Display Brightness Control
39	VSS	-	Ground
40	NC	-	No Connection
41	MUTE_F	O	Digital Amp Muting control
42	F_HOP1	O	Frequency Hopping
43	DCDECT1	I	DC Detect (Power Supply Failure Detection)
44	MODE_DA	O	Digital Amp On/Off control
45	BASS_CTR	O	Bass Control
46	MUSIC_CTR	O	Music Control
47	NC	-	No Connection
48	NC	-	No Connection
49	NC	-	No Connection
50	NC	-	No Connection
51	SW_LVL_1	O	Subwoofer Level Setting 1
52	SW_LVL_2	O	Subwoofer Level Setting 2
53	NC	-	No Connection
54	NC	-	No Connection
55	NC	-	No Connection

Pin No.	Terminal Name	I/O	Function
56	CLOSE_SW	I	CD Close Switch Detection
57	CD_OPEN_SW	I	CD Open Switch Detection
58	CD_RESET_SW	I	CD Reset Detection
59	LOAD_CCW	O	Loading Motor Turning Counter-Clockwise (Tray Close)
60	LOAD_CW	O	Loading Motor Turning Counter-Clockwise (Tray Open)
61	CD_RESET	O	CD Reset
62	USB_IN	I	USB Input Detection
63	VSS	-	Ground
64	CD_BLKCK	I	CD Block Clock
65	CD_MLD	O	CD Loading
66	NC	-	No Connection
67	REGION 3	I	Region Setting 3
68	NC	-	No Connection
69	CR TIMER	I	CR Timer
70	OC	I	USB Over Current
71	EN	O	USB Enable
72	CD_MDATA (SYS_RXD)	O	CD data
73	CD_STAT (SYS_TXD)	I	CD Status
74	CD_MCLK	O	CD Clock
75	NC	-	No Connection
76	NC	-	No Connection
77	NC	-	No Connection
78	AMUTE	I	Amp Muting control
79	USB REC LED	O	USB Rec LED Drive
80	BASS_SHIFT	O	Bass Level Meter Adjustment
81	MUTE_A	O	Audio Output Muting
82	FL_DATA	O	FL Display data input
83	FL_CS	O	FL Display Data Input
84	FL_CLK	O	FL Display Clock
85	REGION 2	I	Region Setting 2
86	RMT	I	Remote Control Signal
87	NC	-	No Connection
88	NC	-	No Connection
89	VDD	-	Voltage supply
90	NC	-	No Connection
91	VSS	-	Ground
92	REGION 1	AN0	Region Setting 1
93	CLIP SENSOR	AN1	Clipping sensor (Volume & ASP Bass control)
94	AUTO BASS	AN2	Auto Bass setting adjustment
95	SMPS_ID	AN3	SMPS Type Detection
96	LVL MTR	AN4	Bass Lever Meter Control
97	TEMP_DET	AN5	Temperature Detect
98	KEY 2	AN6	Key 2 Input
99	KEY 1	AN7	Key 1 Input
100	VREF+	-	Voltage Supply

19.1. Exploded View and Mechanical replacement Part List

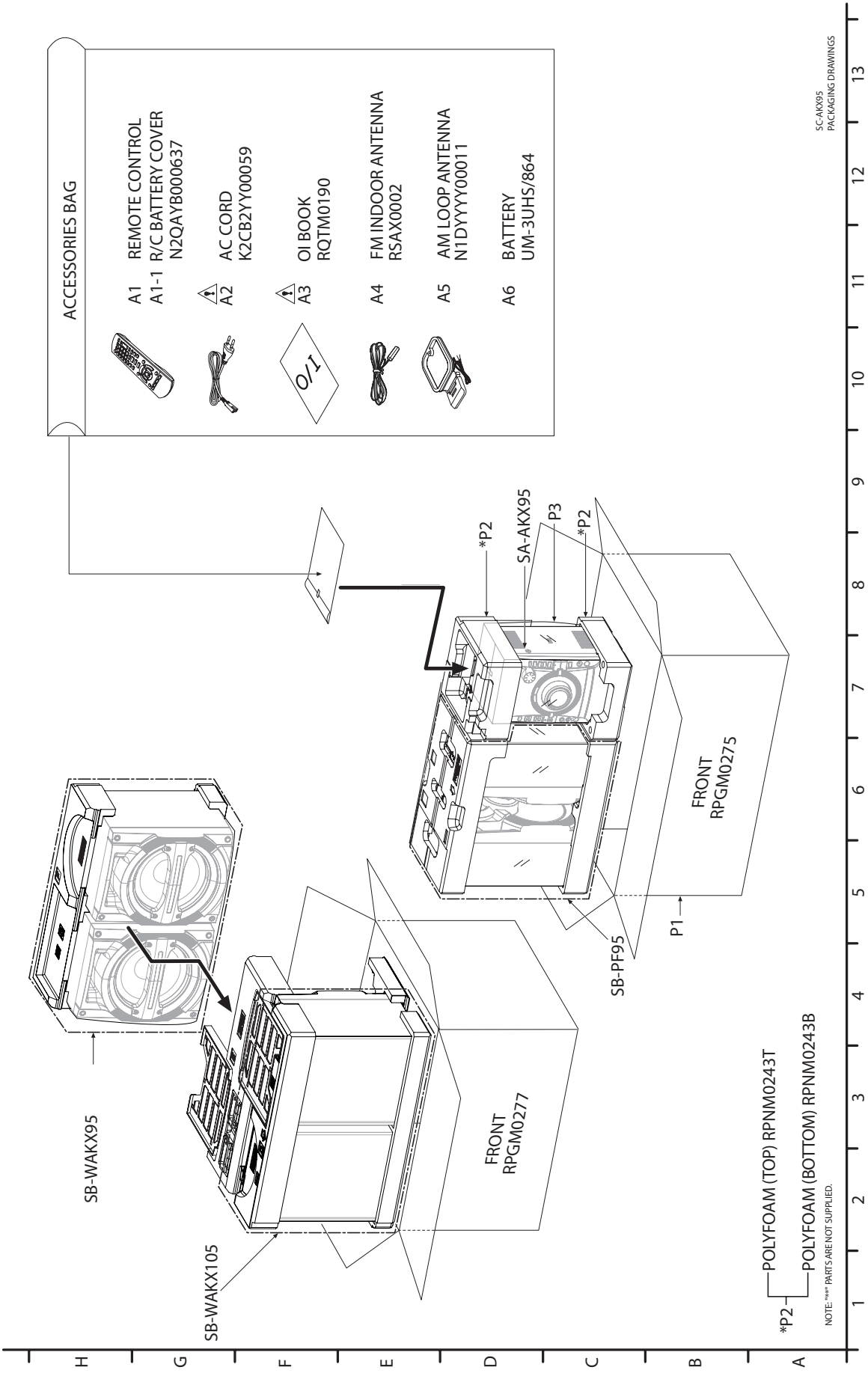
[illegible]SA-AKX105/95
CABINET DRAWINGS



SA-AX105/95
CABINET DRAWINGS

NOTE: ** PART IS NOT SUPPLIED / REF IS FOR INDICATION ONLY.

19.1.2. Packaging



SC-AKX95
PACKAGING DRAWINGS

19.1.3. Mechanical Replacement Part List

Important Safety Notice

Components identified by  mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item. After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

Note:

- When replacing any of these components, be sure to use only manufacturer's specified parts shown in the replacement part list.
- The parenthesized indications on the Remarks column specify the destination & product color (Refer to the cover page for the information).
- Parts without these indications shall be used for all areas.
- This product uses a laser diode. Refer to "Precaution of Laser Diode".
- All parts mentioned are supplied by PAVCSG unless indicated likewise.
- Parts mentioned [SPG] in the Remarks column are supplied by PAVC-CSG.
- Reference for O/I book languages are as follows:

Ar:	Arabic	Du:	Dutch	It:	Italian	Sp:	Spanish
Cf:	Canadian French	En:	English	Ko:	Korean	S:	Swedish
Cz:	Czech	Fr:	French	Po:	Polish	Co:	Traditional Chinese
Da:	Danish	Ge:	German	Ru:	Russian	Cn:	Simplified Chinese
Pe:	Persian	Ur:	Ukraine	Pr:	Portuguese	Fi:	Finnish

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
			CABINET AND CHASSIS		
	1	REE1708	30P FFC (MAIN-CD SERVO)	1	
	2	REXX1159-1	2P CABLE WIRE (MUSIC PORT-INNER CHASSIS)	1	
	3	REX1487	4P CABLE WIRE (PANEL-MIC/MUSIC PORT)	2	
	4	REX1527	15P CABLE WIRE (MAIN-SMPS)	1	
	5	REX1472	5P CABLE WIRE (USB-MAIN)	1	
	6	REX1531	6P CABLE WIRE (MAIN- MAIN)	1	
	7	REE1647	27P FFC (MAIN-PANEL)	1	
	10	RGW0428-S1	VOLUME KNOB	1	
	11	RGW0429-1S	SKIP KNOB	1	
	12	RHD26046	SCREW	13	
	13	RHD30007-K2J	SCREW	4	
	14	RHD30111-31	SCREW	11	
	15	RHD30119-S	SCREW	16	
	16	RHD3031008	SCREW	2	
	17	RHDX30005-J	SCREW	3	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	18	RYPM0312	FRONT PANEL ASS'Y	1	
	18-1	RMGX0033A-K	CD LID CUSHION	1	
	18-2	RGK2307B-KL	CD LID	1	
	18-3	RKAX0042-K	LEG CUSHION	2	
	18-4	RKW0984-QL	UNDER WINDOW	1	
	18-5	RMB0930	CD LID SPRING	1	
	19	RKAX0042-K	LEG CUSHION	2	
	20	RKMX1011Z-KL	TOP CABINET	1	
	21	RXTM0002J-A	REAR PANEL	1	
	22	RMAX1007	CHASSIS SUPPORT	2	
	23	RMCX0035	HEAT SINK CLIP	2	
	24	RMNX0151	LED HOLDER	4	
	26	RMQX1088	MECHA HOLDER	2	
	27	RMX0444	PCB SPACER	1	
	29	XTB3+10JFJ	SCREW	5	
	31	RGK2308B-SL	SIDE ORNAMENT L	1	
	32	RGK2309E-SL	SIDE ORNAMENT R	1	
	33	RGK2325A-SL	USB ORNAMENT	1	
	34	RGK2328-SL	PLAY BUTTON ORNAMENT	1	
	35	RGU2764A-SL	POWER BUTTON	1	
	36	RGU2791-SL	FUNCTION BUTTON	1	
	37	RGU2763-SL	PUSH/PLAY BUTTON	1	
	38	RGU2765-SL	CD OPEN CLOSE BUTTON	1	
	39	RGU2792-KL	SKIP BUTTON	1	
	41	RXXM0005A-1	BOTTOM CHASSIS	1	
	42	RXSM0002-1	INNER CHASSIS	1	
	43	L6FALEFH0030	FAN UNIT ASS'Y	2	
	44	REX1521	2P CABLE WIRE (PANEL-MEMORY LED)	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	45	REE1671	10P FFC (CD SERVO-CD INTER-FACE)	1	
	46	RMNV0079-1	FL HOLDER	1	
	47	RGL0764-Q	USB REC LIGHT PIECE	1	
	48	REX1488	2P CABLE WIRE (TOP/BOTTOM BAR LED-PANEL)	2	
	49	REX1522	2P CABLE WIRE (MUSIC PORT-MIC)	1	
	50	REX1537	6P CABLE WIRE (DAMP-SMPS)	1	
	51	REE1710	17P FFC (MAIN-DAMP)	1	
	52	RGWX0056-1K1	MIC VOLUME KNOB	1	
	53	RMC0465	EARTH SPRING	2	
	54	RMAX1002A-1	D-AMP BRACKET	1	
	55	RMKX1016-3	FAN FIXTURE	2	
	56	XTW3+30TFJ	SCREW	2	
	57	XTW3+8TFJ	SCREW	2	
	59	RGQ0672-R	FL FILTER SHEET	1	
	60	RGC0046-W	LIGHTING HOUSE	2	
			TRAVERSE DECK		
		RD-DDL100-PX	BRISIC DC UNIT	1	
△	301	RAE1034Z-V	TRAVERSE ASS'Y	1	
	310	XTN2+6GFJ	SCREW	3	
			PACKING MATERIALS		
	P1	RPGM0275	PACKING CASE	1	
	P2	RPNM0243T/B	POLYFOAM	1	
	P3	RPF0198	MIRAMAT	1	
			ACCESSORIES		
	A1	N2QAYB000637	REMOTE CONTROL	1	
	A1-1			1	
△	A2	K2CB2YY00059	AC CORD	1	
△	A3	RQTM0190	O/I BOOK (Sp)	1	
	A4	RSAX0002	FM INDOOR ANTENNA	1	
	A5	N1DY0000011	AM LOOP ANTENNA	1	
	A6	UM-3UHS/864	BATTERY	1	

19.2. Electrical Replacement Part List

Important Safety Notice

*Components identified by $\triangle$ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.*

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item.

After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

Note:

- When replacing any of these components, be sure to use only manufacturer's specified parts shown in the replacement part list.
- The parenthesized indications on the Remarks column specify the destination & product color (Refer to the cover page for the information).
- Parts without these indications shall be used for all areas.
- This product uses a laser diode. Refer to "Precaution of Laser Diode".
- Capacitor value are in microfarads (uF) unless specified otherwise, P=Pico-farads (pF), F=Farads.
- Resistance values are in ohms, unless specified otherwise, 1K=1000 (OHM).
- All parts mentioned are supplied by PAVCSG unless indicated likewise.
- Parts mentioned [SPG] in the Remarks column are supplied by PAVC-CSG.

Safety	Ref. no.	Part No.	Part Name & Description
⚠		K5D802BNA005	FUSIBLE
		REP012X950A	CONJUNTO MANUAL SMPS AKX95 SERVICIO
⚠	C5700	F1BAF471A013	CHIP CAPACITOR
⚠	C5701	F0CAF224A105	CAPACITOR
⚠	C5704	F1BAF471A013	CHIP CAPACITOR
⚠	C5705	F1BAF471A013	CHIP CAPACITOR
⚠	C5708	F1BAF1020020	CAPACITOR
	C5711	F2A2E8210001	E-CAP
	C5712	F2A2E8210001	E-CAP
	C5713	F0C2J1030007	CAPACITOR
	C5805	F2A1H2220043	E-Cap
	C5808	F2A1H2220043	E-Cap
	CN5801	K1KA06AA0180	CONNECTOR
	CN5802	K1KA15AA0194	CONNECTOR 12 PIN
	D5701	B0FBBV000006	SWITCHING DIODES
	D5702	B0ZAZ0000089	DIODO
	D5801	B0ABSM000010	SWITCHING DIODES
	D5802	B0ABSM000010	SWITCHING DIODES
	D5803	B0HFRJ000012	DIODE
⚠	D25701	ERZV05Z471CS	VARIABLES
⚠	IC5799	MIP2F20MSSCF	Intelligent power device
⚠	LS701	G0B932H00002	LINE CHOKE COIL
⚠	P5701	K2AB2B000007	AC INLET
	Q5700	B1ZAZ0000058	Transistors
	R5726	ERX2SJR22P	RESISTENCIA
	R5727	ERX2SZR13P	RESISTENCIA
⚠	TS701	G4DYZ0000062	SWITCHING TRANSFORMERS
⚠	TS751	ETS19AB2E6AG	Backup Switching Transformer
	ZA5703	RMV0419	HEATSINK FOR MOSFET
	ZA5801	RMV0417A	HEATSINK FOR 3 DIODE
	ZA5900	XTB3+10JFJ	TORNILLO
	ZA5901	XTB3+10JFJ	TORNILLO
	ZA5902	XTB3+10JFJ	TORNILLO
	ZA5903	XTB3+10JFJ	TORNILLO
	ZA5904	XTB3+10JFJ	TORNILLO
	ZB5900	RMZ1276	IC INSULATOR
	C5702	F1H1H102A219	CHIP CAPACITOR
	C5720	F1H1H101A720	CHIP CAPACITOR
	C5721	F1H1H2210001	CHIP CAPACITOR
	C5722	F1H1H102A219	CHIP CAPACITOR
	C5723	F1H1H471A219	CHIP CAPACITOR
	C5725	F1H1H104A013	CHIP CAPACITOR
	C5726	F1H1H104A013	CHIP CAPACITOR
	C5728	F1H1H102A219	CHIP CAPACITOR
	C5730	F1H1E105A116	CHIP CAPACITOR
	C5790	F1K2J2220002	CHIP CAPACITOR
	C5794	F1H1H102A219	CHIP CAPACITOR
	C5795	F1K1H105A149	CHIP CAPACITOR
	C5796	F1H1H104A013	CHIP CAPACITOR
	C5800	FLJ2E1030004	CHIP CAPACITOR
	C5810	F1H1H104A013	CHIP CAPACITOR
	C5812	F1H1H104A013	CHIP CAPACITOR
	C5818	F1H1H104A013	CHIP CAPACITOR
	C5819	FLJ2E1030004	CHIP CAPACITOR
	C5820	FLJ2E1030004	CHIP CAPACITOR
	C5821	FLJ2E1030004	CHIP CAPACITOR
	C5822	FLJ2E1030004	CHIP CAPACITOR
	C5826	FLJ2E1030004	CHIP CAPACITOR
	C5831	F1H1H104A013	CHIP CAPACITOR
	C5832	F1H1H104A013	CHIP CAPACITOR
	C5839	FLJ2E1030004	CHIP CAPACITOR
	C5840	FLJ2E1030004	CHIP CAPACITOR
	C5841	FLJ2E1030004	CHIP CAPACITOR
	C5842	FLJ2E1030004	CHIP CAPACITOR
	C5843	F1J1A106A043	CHIP CAPACITOR
	C5844	F1J1A106A043	CHIP CAPACITOR
	C5869	F1H1H104A013	CHIP CAPACITOR
	C5870	F1H1H104A013	CHIP CAPACITOR
	C5896	F1H1H104A013	CHIP CAPACITOR
	C5897	F1H1H103A219	CHIP CAPACITOR
	C5898	F1H1H104A013	CHIP CAPACITOR
	C5900	FLJ1A106A043	CHIP CAPACITOR
	D5703	B0ACKK000012	DIODE
	D5721	B0BC010A0007	DIODO
	D5722	B0BC019A0007	DIODE
	D5723	B0ACKK000012	DIODE
	D5724	B0ACKK000012	DIODE
	D5725	B0BCGR100010	DIODO
	D5727	B0ACKK000012	DIODE
	D5728	B0ACKK000012	DIODE
	D5732	B0BC035A0007	DIODE
	D5795	B0BC9R000008	DIODO
	D5804	B0ACKK000012	DIODE
	K1	D0GBR00JA008	CHIP JUMPER
	LS704	J0JBC0000019	CHIP INDUCTOR
	Q5721	B1ADCFO00001	TRANSISTOR
	Q5722	B1ABCF000176	TRANSISTOR
	Q5860	B1ADCFO00001	TRANSISTOR
	Q5861	B1ABCF000176	TRANSISTOR
	Q5862	B1GBCFJ00051	TRANSISTOR
	Q5898	B1ABCF000176	TRANSISTOR
	QR5801	B1GBCFJN0038	CHIP TRANSISTOR
	QR5802	B1GDCFGA0018	TRANSISTOR
	QR5810	B1GBCFLL0037	CHIP TRANSISTOR

Safety	Ref. no.	Part No.	Part Name & Description
	R5701	D0GB224JA008	CHIP RESISTENCIA
	R5702	D0GZ204JA012	CHIP RESISTOR FIX
	R5703	D0GZ204JA012	CHIP RESISTOR FIX
	R5704	ERJ8GEYJ224V	CHIP RESISTOR
	R5705	ERJ8GEYJ224V	CHIP RESISTOR
	R5706	D0GB824JA017	CHIP RESISTOR
	R5708	ERJ8GEYJ155V	CHIP RESISTOR
	R5709	ERJ8GEYJ155V	CHIP RESISTOR
	R5710	D0GB394JA008	CHIP RESISTENCIA
	R5711	D0GF100JA014	CHIP RESISTOR
	R5712	ERJ8GEYJ153V	CHIP RESISTOR
	R5713	ERJ8GEYJ331V	CHIP RESISTOR
	R5715	D0GZ204JA012	CHIP RESISTOR FIX
	R5716	D0GZ204JA012	CHIP RESISTOR FIX
	R5720	D0GD220JA017	CHIP RESISTOR
	R5721	D0GD103JA017	CHIP RESISTOR
	R5722	D0GD122JA017	CHIP RESISTOR
	R5723	D0GB102JA008	CHIP RESISTOR
	R5724	D0GD121JA017	CHIP RESISTOR
	R5728	D0GB104JA008	CHIP RESISTENCIA
	R5729	D0GD103JA017	CHIP RESISTOR
	R5730	D0GB102JA008	CHIP RESISTOR
	R5732	D0GB101JA008	CHIP RESISTOR
	R5733	D0GB473JA008	CHIP RESISTOR
	R5786	D0GZ204JA012	CHIP RESISTOR FIX
	R5795	D0GD474JA017	CHIP RESISTOR
	R5797	D0GB153JA008	CHIP RESISTENCIA
	R5798	D0GB220JA008	CHIP RESISTENCIA
	R5800	D0GD153JA017	CHIP RESISTOR
	R5801	D0GD223JA017	CHIP RESISTOR
	R5802	ERJ3RBD103V	RESISTENCIA CHIP PEL JICULA
	R5803	ERJ3RBD103V	RESISTENCIA CHIP PEL JICULA
	R5804	ERJ3RBD423V	CHIP RESISTOR
	R5805	ERJ3RBD332V	Resistor
	R5806	D0GB153JA008	CHIP RESISTENCIA
	R5807	D0GD331JA017	CHIP RESISTOR
	R5808	D0GD222JA017	CHIP RESISTOR
	R5809	D0GD331JA017	CHIP RESISTOR
	R5810	D0GB331JA008	CHIP RESISTOR
	R5814	D0GB822JA008	CHIP RESISTOR
	R5817	D0GB331JA008	CHIP RESISTOR
	R5832	D0GZ222JA012	CHIP RESISTOR
	R5833	D0GZ222JA012	CHIP RESISTOR
	R5834	D0GZ222JA012	CHIP RESISTOR
	R5835	D0GZ222JA012	CHIP RESISTOR
	R5836	D0GZ222JA012	CHIP RESISTOR
	R5837	D0GZ222JA012	CHIP RESISTOR
	R5840	D0GB823JA008	CHIP RESISTENCIA
	R5841	D0GB124JA008	CHIP RESISTENCIA
	R5860	ERJ3GEYF103V	CHIP RESISTOR
	R5861	ERJ3RBD182V	CHIP RESISTOR
	R5862	D0GD183JA017	CHIP RESISTOR
	R5863	D0GD183JA017	CHIP RESISTOR
	R5864	ERJ3GEYF103V	CHIP RESISTOR
	R5865	ERJ3RBD181V	CHIP RESISTOR
	R5890	D0GB222JA008	RESISTENCIA CHIP
	R5891	ERJ3RBD333V	CHIP RESISTOR
	R5892	ERJ3RBD102V	CHIP RESISTOR
	R5893	ERJ3RBD103V	RESISTENCIA CHIP PEL JICULA
	R5894	D0GB151JA008	CHIP RESISTOR
	R5895	D0GB153JA008	CHIP RESISTENCIA
	R5896	D0GB104JA008	CHIP RESISTENCIA
	R5897	D0GB101JA008	CHIP RESISTOR
	R5898	ERJ3RBD103V	RESISTENCIA CHIP PEL JICULA
	TH5860	D4CCY1040001	THERMISTOR
	VA5700	J0LY00000168	FILTER FOR EMI / EMC (SURGE ABSORBERS)
	VA5701	J0LY00000168	FILTER FOR EMI / EMC (SURGE ABSORBERS)
	W5901	D0GDR00JA017	CHIP JUMPER
	W5902	D0GDR00JA017	CHIP JUMPER
	W5903	D0GBR00JA008	CHIP JUMPER
	W5904	D0GBR00JA008	CHIP JUMPER
		RENMI2X950A	CONJUNTO RADIAL SMPS AKX95
	C5724	F2A1H5600009	CHIP CAPACITOR
	C5798	F2A1E221B422	CAPACITOR
	C5813	F2A1V331B150	CAPACITOR
	C5817	F2A2AR100002	CAPACITOR
	C5899	F2A1A221B161	CAPACITOR
	D5726	B0EAKM000017	DIODO
	D5729	B0EAMM000057	DIODO
	D5731	B0EAMM000057	DIODO
	D5793	B0HAMM000094	DIODO
	D5798	B0EAMM000057	DIODO
	D5896	B0EAMM000057	DIODO
	IC5801	C0DAZY00039	ICS FOR POWER SUPPLY
	IC5899	C0DAZY00040	ICs For Power Supply •
	Q5720	B1BAG0000007	TRANSISTOR
	ZA5701	K3GE1Z200001	PORTAFUSIBLE
	ZA5702	K3GE1Z200001	PORTAFUSIBLE
	K11	Z-W6NL	ALAMBRE JUMPER
	K5714	Z-W6NL	ALAMBRE JUMPER
	K5715	Z-W6NL	ALAMBRE JUMPER
	W5501	Z-W6NL	ALAMBRE JUMPER
	W5502	Z-W6NL	ALAMBRE JUMPER
	W5503	Z-W6NL	ALAMBRE JUMPER

	W5504	Z-W6NL	ALAMBRE JUMPER
	W5505	Z-W6NL	ALAMBRE JUMPER
	W5506	Z-W6NL	ALAMBRE JUMPER
	W5507	Z-W6NL	ALAMBRE JUMPER
	W5508	Z-W6NL	ALAMBRE JUMPER
	W5509	Z-W6NL	ALAMBRE JUMPER
	W5510	Z-W6NL	ALAMBRE JUMPER
	W5511	Z-W6NL	ALAMBRE JUMPER
	W5512	Z-W6NL	ALAMBRE JUMPER
	W5513	Z-W6NL	ALAMBRE JUMPER
	W5514	Z-W6NL	ALAMBRE JUMPER
	W5515	Z-W6NL	ALAMBRE JUMPER
	W5516	Z-W6NL	ALAMBRE JUMPER
	W5517	Z-W6NL	ALAMBRE JUMPER
	W5518	Z-W6NL	ALAMBRE JUMPER
	W5519	Z-W6NL	ALAMBRE JUMPER
	W5520	Z-W6NL	ALAMBRE JUMPER
	W5521	Z-W6NL	ALAMBRE JUMPER
	W5522	Z-W6NL	ALAMBRE JUMPER
	W5523	Z-W6NL	ALAMBRE JUMPER
	W5524	Z-W6NL	ALAMBRE JUMPER
	W5526	Z-W6NL	ALAMBRE JUMPER
	W5528	Z-W6NL	ALAMBRE JUMPER
	W5529	Z-W6NL	ALAMBRE JUMPER
	W5530	Z-W6NL	ALAMBRE JUMPER
	W5531	Z-W6NL	ALAMBRE JUMPER
	W5532	Z-W6NL	ALAMBRE JUMPER
	W5905	Z-W6NL	ALAMBRE JUMPER
	W5906	Z-W6NL	ALAMBRE JUMPER
	W5907	Z-W6NL	ALAMBRE JUMPER
⚠	RJB3573A		PRINTED CIRCUIT BOARD (SMPs)
	TH5861	D4CCY1040001	THERMISTOR
	D5730	B0ECET000006	SWITCHING DIODES
⚠	PC5701	B3PBA0000579	OPTO ACOPLADOR
⚠	PC5702	B3PBA0000579	OPTO ACOPLADOR
⚠	PC5720	B3PBA0000579	OPTO ACOPLADOR
⚠	PC5799	B3PBA0000579	OPTO ACOPLADOR
	IC5701	C1ZBZ0004646	OTHER SPECIAL-PURPOSE ICS
	C5737	FLA3A222A065	E-CAP
		REVM0162B	WIRE JUMPER SMPs
	R5714	BRX2SJR22P	RESISTENCIA
		REP012X951A	CONJUNTO MANUAL D-AMP SW AKX95 SERVICIO
	CN5050	K1MY17AA0124	CONNECTOR 17 PIN
	IC5000	C1BA00000497	D-AMP IC
	IC5200	C1BA00000497	D-AMP IC
	IC5300	C1BA00000497	D-AMP IC
	JK5001	K4AL08B00003	SPEAKER JACK 4CH
	L5000	GOA150L00003	BOBINA
	L5200	GOA150L00003	BOBINA
	L5300	GOA150L00003	BOBINA
	X5500	H2A6023A0011	OSCILADOR
	X5501	H2A7003A0011	OSCILADOR
	ZA1	RMC0465	TR SPRING •
	ZA2	RMC0465	TR SPRING •
	ZA4	XTW3+8TFJ	TORNILLO
	ZA5	XTW3+8TFJ	TORNILLO
	C5000	F1H1H102A219	CHIP CAPACITOR
	C5001	F1H1H102A219	CHIP CAPACITOR
	C5002	F1H1A474A001	CHIP CAPACITOR
	C5003	F1H1A474A001	CHIP CAPACITOR
	C5004	F1H1A474A001	CHIP CAPACITOR
	C5005	F1H1A474A001	CHIP CAPACITOR
	C5006	F1H1H331A004	CHIP CAPACITOR
	C5007	F1H1H331A013	CHIP CAPACITOR
	C5008	F1H1H153A219	CHIP CAPACITOR
	C5009	F1H1H153A219	CHIP CAPACITOR
	C5010	F1J2A221A030	CHIP CAPACITOR
	C5011	F1J2A221A030	CHIP CAPACITOR
	C5012	F1J2A221A030	CHIP CAPACITOR
	C5013	F1J2A221A030	CHIP CAPACITOR
	C5016	F1H1H104A013	CHIP CAPACITOR
	C5017	F1H1H104A013	CHIP CAPACITOR
	C5018	FLK2A1040007	CHIP CAPACITOR
	C5019	F1H1H104A013	CHIP CAPACITOR
	C5020	F1H1H104A013	CHIP CAPACITOR
	C5021	F1H1H104A013	CHIP CAPACITOR
	C5022	F1H1H104A013	CHIP CAPACITOR
	C5023	FLK2A1040007	CHIP CAPACITOR
	C5024	F1H1H104A013	CHIP CAPACITOR
	C5025	F1H1H104A013	CHIP CAPACITOR
	C5027	F1H1H104A013	CHIP CAPACITOR
	C5028	F1H1H104A013	CHIP CAPACITOR
	C5030	F1H1H330A230	CHIP CAPACITOR
	C5031	F1H1A474A001	CHIP CAPACITOR
	C5032	F1H1H102A219	CHIP CAPACITOR
	C5050	F1H1H102A219	CHIP CAPACITOR
	C5051	F1H1H102A219	CHIP CAPACITOR
	C5052	F1H1H102A219	CHIP CAPACITOR
	C5053	F1H1H102A219	CHIP CAPACITOR
	C5150	F1H1H102A219	CHIP CAPACITOR
	C5151	F1H1H102A219	CHIP CAPACITOR
	C5152	F1H1H102A219	CHIP CAPACITOR
	C5200	F1H1H104A013	CHIP CAPACITOR
	C5201	F1H1H153A219	CHIP CAPACITOR
	C5202	F1H1C474A140	CHIP CAPACITOR
	C5203	FLJ2A221A030	CHIP CAPACITOR
	C5204	F1H1H153A219	CHIP CAPACITOR
	C5205	FLJ2A221A030	CHIP CAPACITOR
	C5206	F1H1H104A013	CHIP CAPACITOR
	C5207	FLK2A1040007	CHIP CAPACITOR
	C5208	F1H1H104A013	CHIP CAPACITOR
	C5209	F1H1H104A013	CHIP CAPACITOR
	C5211	FLJ2A221A030	CHIP CAPACITOR
	C5212	F1H1H330A230	CHIP CAPACITOR

	C5213	F1H1H104A013	CHIP CAPACITOR
	C5214	F1H1H104A013	CHIP CAPACITOR
	C5216	F1H1H331A013	CHIP CAPACITOR
	C5217	F1H1H104A013	CHIP CAPACITOR
	C5218	FLJ2A221A030	CHIP CAPACITOR
	C5219	FLK2A1040007	CHIP CAPACITOR
	C5220	F1H1H104A013	CHIP CAPACITOR
	C5221	F1H1H102A219	CHIP CAPACITOR
	C5222	F1H1A474A001	CHIP CAPACITOR
	C5223	F1H1A474A001	CHIP CAPACITOR
	C5224	F1H1H331A013	CHIP CAPACITOR
	C5226	F1H1H104A013	CHIP CAPACITOR
	C5227	F1H1H104A013	CHIP CAPACITOR
	C5231	F1H1H102A219	CHIP CAPACITOR
	C5232	F1H1A474A001	CHIP CAPACITOR
	C5233	F1H1A474A001	CHIP CAPACITOR
	C5234	F1H1H102A219	CHIP CAPACITOR
	C5250	F1H1H102A219	CHIP CAPACITOR
	C5251	F1H1H102A219	CHIP CAPACITOR
	C5301	F1H1H104A013	CHIP CAPACITOR
	C5302	F1H1H104A013	CHIP CAPACITOR
	C5303	F1H1H104A013	CHIP CAPACITOR
	C5304	F1H1H331A013	CHIP CAPACITOR
	C5305	F1H1H104A013	CHIP CAPACITOR
	C5306	F1H1H104A013	CHIP CAPACITOR
	C5307	FLJ2A221A030	CHIP CAPACITOR
	C5309	F1H1H104A013	CHIP CAPACITOR
	C5310	FLK2A1040007	CHIP CAPACITOR
	C5311	FLJ2A221A030	CHIP CAPACITOR
	C5312	F1H1H331A013	CHIP CAPACITOR
	C5313	F1H1H104A013	CHIP CAPACITOR
	C5314	F1H1A474A001	CHIP CAPACITOR
	C5315	F1H1H102A219	CHIP CAPACITOR
	C5316	F1H1H104A013	CHIP CAPACITOR
	C5317	F1H1A474A001	CHIP CAPACITOR
	C5318	F1H1H104A013	CHIP CAPACITOR
	C5319	FLK2A1040007	CHIP CAPACITOR
	C5321	F1H1C474A140	CHIP CAPACITOR
	C5322	F1H1H153A219	CHIP CAPACITOR
	C5323	F1H1H330A230	CHIP CAPACITOR
	C5324	F1H1H153A219	CHIP CAPACITOR
	C5325	FLJ2A221A030	CHIP CAPACITOR
	C5326	FLJ2A221A030	CHIP CAPACITOR
	C5327	F1H1H104A013	CHIP CAPACITOR
	C5331	F1H1H102A219	CHIP CAPACITOR
	C5332	F1H1A474A001	CHIP CAPACITOR
	C5333	F1H1H102A219	CHIP CAPACITOR
	C5334	F1H1A474A001	CHIP CAPACITOR
	C5350	F1H1H102A219	CHIP CAPACITOR
	C5351	F1H1H102A219	CHIP CAPACITOR
	C5445	F1H1H104A013	CHIP CAPACITOR
	C5450	F1H1H104A013	CHIP CAPACITOR
	C5514	F1H1H104A013	CHIP CAPACITOR
	C5515	F1H1H104A013	CHIP CAPACITOR
	C5518	F1H1H104A013	CHIP CAPACITOR
	C5519	F1H1H104A013	CHIP CAPACITOR
	C5520	F1H1H104A013	CHIP CAPACITOR
	C5521	F1H1H104A013	CHIP CAPACITOR
	C5522	F1H1H104A013	CHIP CAPACITOR
	C5523	F1H1H104A013	CHIP CAPACITOR
	C5524	F1H1H104A013	CHIP CAPACITOR
	C5525	F1H1H104A013	CHIP CAPACITOR
	C5550	F1H1H103A219	CHIP CAPACITOR
	C5551	F1H1H391A013	CHIP CAPACITOR
	C5552	F1H1H391A013	CHIP CAPACITOR
	C5553	F1H1H101A230	CHIP CAPACITOR
	C5554	F1H1H104A013	CHIP CAPACITOR
	C5555	FLK1C1060001	CHIP CAPACITOR
	C5556	F1H1H103A219	CHIP CAPACITOR
	C5557	F1H1H101A230	CHIP CAPACITOR
	C5558	F1H1H470A004	CHIP CAPACITOR
	C5559	F1H1H470A004	CHIP CAPACITOR
	D5001	B0HCSF000001	CHIP DIODE
	D5002	B0HCSF000001	CHIP DIODE
	D5003	B0HCSF000001	CHIP DIODE
	D5004	B0HCSF000001	CHIP DIODE
	D5201	B0HCSF000001	CHIP DIODE
	D5202	B0HCSF000001	CHIP DIODE
	D5203	B0HCSF000001	CHIP DIODE
	D5204	B0HCSF000001	CHIP DIODE
	D5301	B0HCSF000001	CHIP DIODE
	D5302	B0HCSF000001	CHIP DIODE
	D5303	B0HCSF000001	CHIP DIODE
	D5304	B0HCSF000001	CHIP DIODE
	D5501	B0ACCK000012	DIODE
	D5502	B0ACCK000012	DIODE
	D5503	B0BC5R1A0266	DIODE ZENER
	K5001	D0GDR00JA017	CHIP JUMPER
	K5202	D0GBR00JA008	CHIP JUMPER
	K5251	D0GBR00JA008	CHIP JUMPER
	K5302	D0GBR00JA008	CHIP JUMPER
	K5500	D0GBR00JA008	CHIP JUMPER
	K5502	D0GBR00JA008	CHIP JUMPER
	Q5101	B1ABCF000176	TRANSISTOR
	Q5102	B1ABCF000176	TRANSISTOR
	Q5601	B1ABCF000176	TRANSISTOR
	Q5603	B1ADCE000012	TRANSISTOR
	Q5604	B1ABCF000176	TRANSISTOR
	R5000	D0GB562JA008	CHIP RESISTOR
	R5001	D0GB562JA008	CHIP RESISTOR
	R5002	D0GB562JA008	CHIP RESISTOR
	R5003	D0GB562JA008	CHIP RESISTOR
	R5004	D0GF100JA014	CHIP RESISTOR
	R5005	D0GF100JA014	CHIP RESISTOR

R5006	D0GZ220JA012	CHIP RESISTOR
R5007	D0GZ220JA012	CHIP RESISTOR
R5008	D0GB101JA008	CHIP RESISTOR
R5010	D0GF100JA014	CHIP RESISTOR
R5011	D0GF100JA014	CHIP RESISTOR
R5019	D0GB154JA008	CHIP RESISTENCIA
R5020	D0GB104JA008	CHIP RESISTENCIA
R5021	D0GB221JA007	CHIP RESISTOR
R5022	D0GB122JA008	CHIP RESISTOR
R5030	D0GB562JA008	CHIP RESISTOR
R5031	D0GB562JA008	CHIP RESISTOR
R5032	D0GB562JA008	CHIP RESISTOR
R5033	D0GB562JA008	CHIP RESISTOR
R5034	D0GB562JA008	CHIP RESISTOR
R5035	D0GB562JA008	CHIP RESISTOR
R5110	D0GB822JA008	CHIP RESISTOR
R5111	D0GB104JA008	CHIP RESISTENCIA
R5113	D0GB154JA008	CHIP RESISTENCIA
R5114	D0GB122JA008	CHIP RESISTOR
R5115	D0GB122JA008	CHIP RESISTOR
R5200	D0GF100JA014	CHIP RESISTOR
R5201	D0GF100JA014	CHIP RESISTOR
R5204	D0GB101JA008	CHIP RESISTOR
R5205	D0GB562JA008	CHIP RESISTOR
R5206	D0GB562JA008	CHIP RESISTOR
R5207	D0GB562JA008	CHIP RESISTOR
R5208	D0GB562JA008	CHIP RESISTOR
R5209	D0GZ220JA012	CHIP RESISTOR
R5210	D0GF100JA014	CHIP RESISTOR
R5211	D0GF100JA014	CHIP RESISTOR
R5217	D0GZ220JA012	CHIP RESISTOR
R5218	D0GB104JA008	CHIP RESISTENCIA
R5228	D0GB124JA008	CHIP RESISTENCIA
R5300	D0GZ220JA012	CHIP RESISTOR
R5302	D0GF100JA014	CHIP RESISTOR
R5304	D0GB101JA008	CHIP RESISTOR
R5305	D0GF100JA014	CHIP RESISTOR
R5306	D0GB562JA008	CHIP RESISTOR
R5307	D0GB562JA008	CHIP RESISTOR
R5308	D0GB562JA008	CHIP RESISTOR
R5309	D0GB562JA008	CHIP RESISTOR
R5310	D0GF100JA014	CHIP RESISTOR
R5311	D0GF100JA014	CHIP RESISTOR
R5317	D0GB122JA008	CHIP RESISTOR
R5318	D0GB124JA008	CHIP RESISTENCIA
R5319	D0GZ220JA012	CHIP RESISTOR
R5327	D0GB122JA008	CHIP RESISTOR
R5328	D0GB104JA008	CHIP RESISTENCIA
R5504	D0GB220JA008	CHIP RESISTENCIA
R5505	D0GB101JA008	CHIP RESISTOR
R5506	D0GB105JA008	CHIP RESISTOR
R5507	D0GB105JA008	CHIP RESISTOR
R5508	D0GB105JA008	CHIP RESISTOR
R5512	D0GBR00JA008	CHIP JUMPER
R5513	D0GB101JA008	CHIP RESISTOR
R5515	D0GBR00JA008	CHIP JUMPER
R5602	D0GB103JA008	CHIP RESISTOR
R5603	D0GB103JA008	CHIP RESISTOR
R5604	D0GB122JA008	CHIP RESISTOR
R5608	D0GB103JA008	CHIP RESISTOR
R5609	D0GB103JA008	CHIP RESISTOR
R5611	D0GB122JA008	CHIP RESISTOR
R5671	D0GBR00JA008	CHIP JUMPER
W5007	D0GDR00JA017	CHIP JUMPER
W5032	D0GFR00JA017	CHIP JUMPER
W5036	D0GBR00JA008	CHIP JUMPER
W5059	D0GDR00JA017	CHIP JUMPER
W5780	D0GDR00JA017	CHIP JUMPER
W5781	D0GBR00JA008	CHIP JUMPER
W5782	D0GBR00JA008	CHIP JUMPER
W5783	D0GBR00JA008	CHIP JUMPER
W5784	D0GBR00JA008	CHIP JUMPER
W5785	D0GBR00JA008	CHIP JUMPER
W5786	D0GDR00JA017	CHIP JUMPER
C5014	ECQVIH474JL3	CAPACITOR
C5015	ECQVIH474JL3	CAPACITOR
C5040	F2A2A220A388	CAPACITOR
C5133	F2A0J101A245	ELECTROLYTIC CAPACITOR
C5225	ECQVIH474JL3	CAPACITOR
C5228	ECQVIH474JL3	CAPACITOR
C5240	F2A2A220A388	CAPACITOR
C5300	ECQVIH684JL3	CAPACITOR
C5328	ECQVIH684JL3	CAPACITOR
C5440	F2A2A220A388	CAPACITOR
C5508	F2A1H221B436	CAPACITOR
C5509	F2A1H221B436	CAPACITOR
C5510	F2A1H221B436	CAPACITOR
C5511	F2A1H221B436	CAPACITOR
C5512	F2A1H221B436	CAPACITOR
C5513	F2A1H221B436	CAPACITOR
C5516	F2A1H221B436	CAPACITOR
C5517	F2A1H221B436	CAPACITOR
C5540	F2A2A220A388	CAPACITOR
C5601	F2A1C100A207	CAPACITOR ELECTROLITICO
L5500	J0JKB00000020	EMBADCORER
L5501	J0JKB00000020	EMBADCORER
R5510	BRG2SJ102E	RADIAL RESISTOR FIX
K1	Z-W6NL	ALAMBRE JUMPER
K5005	Z-W6NL	ALAMBRE JUMPER
K5011	Z-W6NL	ALAMBRE JUMPER
K5017	Z-W6NL	ALAMBRE JUMPER
K5018	Z-W6NL	ALAMBRE JUMPER
K5022	Z-W6NL	ALAMBRE JUMPER
K5023	Z-W6NL	ALAMBRE JUMPER
ZJ6700	REX1488	2P FLAT WIRE (TOP / BOTTOM LIGHT PCB TO
ZJ6800	REX1521	2P FLAT WIRE (MEMORY LIGHT PCB TO PANEL

K5024	Z-W6NL	ALAMBRE JUMPER
K5025	Z-W6NL	ALAMBRE JUMPER
K5026	Z-W6NL	ALAMBRE JUMPER
K5027	Z-W6NL	ALAMBRE JUMPER
K5028	Z-W6NL	ALAMBRE JUMPER
K5029	Z-W6NL	ALAMBRE JUMPER
K5062	Z-W6NL	ALAMBRE JUMPER
K5301	Z-W6NL	ALAMBRE JUMPER
K5555	Z-W6NL	ALAMBRE JUMPER
K5600	Z-W6NL	ALAMBRE JUMPER
K5601	Z-W6NL	ALAMBRE JUMPER
R5509	Z-W6NL	ALAMBRE JUMPER
W5001	Z-W6NL	ALAMBRE JUMPER
W5002	Z-W6NL	ALAMBRE JUMPER
W5003	Z-W6NL	ALAMBRE JUMPER
W5004	Z-W6NL	ALAMBRE JUMPER
W5006	Z-W6NL	ALAMBRE JUMPER
W5008	Z-W6NL	ALAMBRE JUMPER
W5009	Z-W6NL	ALAMBRE JUMPER
W5010	Z-W6NL	ALAMBRE JUMPER
W5011	Z-W6NL	ALAMBRE JUMPER
W5012	Z-W6NL	ALAMBRE JUMPER
W5013	Z-W6NL	ALAMBRE JUMPER
W5014	Z-W6NL	ALAMBRE JUMPER
W5015	Z-W6NL	ALAMBRE JUMPER
W5016	Z-W6NL	ALAMBRE JUMPER
W5017	Z-W6NL	ALAMBRE JUMPER
W5018	Z-W6NL	ALAMBRE JUMPER
W5019	Z-W6NL	ALAMBRE JUMPER
W5020	Z-W6NL	ALAMBRE JUMPER
W5021	Z-W6NL	ALAMBRE JUMPER
W5022	Z-W6NL	ALAMBRE JUMPER
W5023	Z-W6NL	ALAMBRE JUMPER
W5024	Z-W6NL	ALAMBRE JUMPER
W5025	Z-W6NL	ALAMBRE JUMPER
W5027	Z-W6NL	ALAMBRE JUMPER
W5028	Z-W6NL	ALAMBRE JUMPER
W5029	Z-W6NL	ALAMBRE JUMPER
W5030	Z-W6NL	ALAMBRE JUMPER
W5031	Z-W6NL	ALAMBRE JUMPER
W5033	Z-W6NL	ALAMBRE JUMPER
W5034	Z-W6NL	ALAMBRE JUMPER
W5035	Z-W6NL	ALAMBRE JUMPER
W5037	Z-W6NL	ALAMBRE JUMPER
W5038	Z-W6NL	ALAMBRE JUMPER
W5039	Z-W6NL	ALAMBRE JUMPER
W5041	Z-W6NL	ALAMBRE JUMPER
W5042	Z-W6NL	ALAMBRE JUMPER
W5043	Z-W6NL	ALAMBRE JUMPER
W5044	Z-W6NL	ALAMBRE JUMPER
W5045	Z-W6NL	ALAMBRE JUMPER
W5046	Z-W6NL	ALAMBRE JUMPER
W5047	Z-W6NL	ALAMBRE JUMPER
W5048	Z-W6NL	ALAMBRE JUMPER
W5049	Z-W6NL	ALAMBRE JUMPER
W5050	Z-W6NL	ALAMBRE JUMPER
W5051	Z-W6NL	ALAMBRE JUMPER
W5052	Z-W6NL	ALAMBRE JUMPER
W5053	Z-W6NL	ALAMBRE JUMPER
W5054	Z-W6NL	ALAMBRE JUMPER
W5055	Z-W6NL	ALAMBRE JUMPER
W5056	Z-W6NL	ALAMBRE JUMPER
W5058	Z-W6NL	ALAMBRE JUMPER
W5060	Z-W6NL	ALAMBRE JUMPER
W5061	Z-W6NL	ALAMBRE JUMPER
W5063	Z-W6NL	ALAMBRE JUMPER
W5064	Z-W6NL	ALAMBRE JUMPER
W5066	Z-W6NL	ALAMBRE JUMPER
W5067	Z-W6NL	ALAMBRE JUMPER
W5068	Z-W6NL	ALAMBRE JUMPER
W5069	Z-W6NL	ALAMBRE JUMPER
W5070	Z-W6NL	ALAMBRE JUMPER
W5075	Z-W6NL	ALAMBRE JUMPER
W5077	Z-W6NL	ALAMBRE JUMPER
W5079	Z-W6NL	ALAMBRE JUMPER
	RJB3552A	PRINTED CIRCUIT BOARD (BIG DAMP)
	K105	Z-W6NL
	ZJ5400	K4C201000027
	W5071	ERJ6GEYOR00V
	IC5500	COJBAB0000902
	ZA3	RXX1013A
	ZJ5500	REX1537
		REPWL2X953A
	CN6000	KIMY27AA0124
	CN6001	K1KA04A00553
	CN6004	K1KA02BA0061
	CN6005	K1KA02BA0061
	CN6006	K1KA02BA0125
	FL6000	A2BB00000184
	T6000	GADYA0000214
	VR6000	EVEKE2F3524B
	VR6001	K9AA012Y0004
	ZB6005	RMNV0079-1
	CN6200	K1KB04B00043
	IR6200	B3RAB00000084
	CN6301	K1FY104A0007
	JK6401	K2KH103A0031
	ZJ6400	REXX1159-1
	ZJ6401	REX1487
	JK6500	K2KH103A0031
	VR6500	EVUF2AF15B14
	ZJ6500	REX1487
	ZJ6501	REX1522
	ZJ6600	REX1488
	W39	D0GFR00JA017
	W40	D0GFR00JA017

C6003	F1H1H104A013	CHIP CAPACITOR
C6004	F1H1H102A219	CHIP CAPACITOR
C6005	F1H1H102A219	CHIP CAPACITOR
C6007	F1H1H102A219	CHIP CAPACITOR
C6008	F1H1H102A219	CHIP CAPACITOR
C6009	F1H1H102A219	CHIP CAPACITOR
C6010	F1H1H331A013	CHIP CAPACITOR
C6011	F1H1H102A219	CHIP CAPACITOR
C6012	F1H1H331A013	CHIP CAPACITOR
C6013	F1H1H331A013	CHIP CAPACITOR
C6014	F1H1H102A219	CHIP CAPACITOR
C6016	F1H1H102A219	CHIP CAPACITOR
C6018	F1H1H102A219	CHIP CAPACITOR
C6019	F1H1H102A219	CHIP CAPACITOR
C6020	F1H1H102A219	CHIP CAPACITOR
C6021	F1H1H103A219	CHIP CAPACITOR
C6022	F1H1H102A219	CHIP CAPACITOR
C6025	F1H1H101A720	CHIP CAPACITOR
C6026	F1H1H101A720	CHIP CAPACITOR
C6027	F1H1H101A720	CHIP CAPACITOR
C6030	F1H1H101A720	CHIP CAPACITOR
C6031	F1H1H104A013	CHIP CAPACITOR
D6008	DZ2J24000L	DIODO
D6009	B0BC2R4A0006	ZENER DIODE
D6010	B0BC035A0007	DIODE
IC6000	C0HBB0000057	PL DRIVER IC
L6000	JOJBC0000019	CHIP INDUCTOR
QR6001	B1QBCFJ0051	TRANSISTOR
QR6003	B1QBCFJ0051	TRANSISTOR
R6000	D0GB122JA008	CHIP RESISTOR
R6001	D0GB152JA008	CHIP RESISTOR
R6002	D0GB332JA008	CHIP RESISTENCIA
R6003	D0GB222JA008	RESISTENCIA CHIP
R6004	D0GB472JA008	CHIP RESISTOR
R6005	D0GB682JA008	CHIP RESISTOR
R6006	D0GB473JA008	1HIP RESISTOR
R6008	D0GB101JA008	CHIP RESISTOR
R6010	D0GB470JA008	CHIP RESISTOR
R6011	D0GB222JA008	RESISTENCIA CHIP
R6012	D0GB152JA008	CHIP RESISTOR
R6013	D0GB153JA008	CHIP RESISTENCIA
R6014	D0GB153JA008	CHIP RESISTENCIA
R6015	D0GB682JA008	CHIP RESISTOR
R6016	D0GB332JA008	CHIP RESISTENCIA
R6017	D0GB472JA008	CHIP RESISTOR
R6018	D0GB122JA008	CHIP RESISTOR
R6019	D0GB272JA008	CHIP RESISTENCIA
R6020	D0GB103JA008	CHIP RESISTOR
R6024	D0GB103JA008	CHIP RESISTOR
R6028	D0GB181JA008	CHIP RESISTENCIA
R6029	D0GB221JA007	CHIP RESISTOR
R6030	D0GB471JA008	CHIP RESISTOR
R6031	D0GB221JA007	CHIP RESISTOR
R6033	D0GB823JA008	CHIP RESISTENCIA
R6035	D0GBR00JA008	CHIP JUMPER
R6038	D0GB562JA008	CHIP RESISTOR
R6039	D0GB470JA008	CHIP RESISTOR
R6040	D0GB103JA008	CHIP RESISTOR
R6041	D0GB103JA008	CHIP RESISTOR
R6047	D0GB1R0JA008	CHIP RESISTENCIA
R6048	D0GB103JA008	CHIP RESISTOR
R6049	D0GB473JA008	1HIP RESISTOR
R6050	D0GB103JA008	CHIP RESISTOR
R6051	D0GB1R0JA008	CHIP RESISTENCIA
R6053	D0GB100JA008	CHIP RESISTOR
R6054	D0GB223JA008	CHIP RESISTOR
R6055	D0GB181JA008	CHIP RESISTENCIA
R6056	D0GB473JA008	1HIP RESISTOR
W1	D0GBR00JA008	CHIP JUMPER
W2	D0GBR00JA008	CHIP JUMPER
W3	D0GBR00JA008	CHIP JUMPER
W4	D0GBR00JA008	CHIP JUMPER
W5	D0GBR00JA008	CHIP JUMPER
W6	D0GFR00JA017	CHIP JUMPER
W7	D0GBR00JA008	CHIP JUMPER
W8	D0GBR00JA008	CHIP JUMPER
W9	D0GBR00JA008	CHIP JUMPER
W10	D0GBR00JA008	CHIP JUMPER
W11	D0GBR00JA008	CHIP JUMPER
W14	D0GBR00JA008	CHIP JUMPER
W15	D0GBR00JA008	CHIP JUMPER
W16	D0GFR00JA017	CHIP JUMPER
W17	D0GBR00JA008	CHIP JUMPER
W18	D0GFR00JA017	CHIP JUMPER
W19	D0GFR00JA017	CHIP JUMPER
W22	D0GDR00JA017	CHIP JUMPER
W23	D0GBR00JA008	CHIP JUMPER
W24	D0GFR00JA017	CHIP JUMPER
W25	D0GFR00JA017	CHIP JUMPER
W26	D0GFR00JA017	CHIP JUMPER
W27	D0GDR00JA017	CHIP JUMPER
W28	D0GFR00JA017	CHIP JUMPER
W29	D0GDR00JA017	CHIP JUMPER
W30	D0GDR00JA017	CHIP JUMPER
W31	D0GFR00JA017	CHIP JUMPER
W32	D0GDR00JA017	CHIP JUMPER
W33	D0GFR00JA017	CHIP JUMPER
W34	D0GFR00JA017	CHIP JUMPER
W35	D0GFR00JA017	CHIP JUMPER
W36	D0GFR00JA017	CHIP JUMPER
W37	D0GFR00JA017	CHIP JUMPER
W38	D0GFR00JA017	CHIP JUMPER
D6300	B3AAA0000487	LED
D6600	B3AEA0000172	LED
D6601	B3AEA0000172	LED
D6602	B3AEA0000172	LED

W41	D0GBR00JA008	CHIP JUMPER
W42	D0GFR00JA017	CHIP JUMPER
W43	D0GDR00JA017	CHIP JUMPER
W44	D0GBR00JA008	CHIP JUMPER
W45	D0GDR00JA017	CHIP JUMPER
W46	D0GFR00JA017	CHIP JUMPER
W47	D0GFR00JA017	CHIP JUMPER
W48	D0GFR00JA017	CHIP JUMPER
W49	D0GFR00JA017	CHIP JUMPER
W50	D0GFR00JA017	CHIP JUMPER
W51	D0GDR00JA017	CHIP JUMPER
W52	D0GDR00JA017	CHIP JUMPER
W53	D0GFR00JA017	CHIP JUMPER
W54	D0GFR00JA017	CHIP JUMPER
W55	D0GFR00JA017	CHIP JUMPER
W56	D0GFR00JA017	CHIP JUMPER
W57	D0GFR00JA017	CHIP JUMPER
W58	D0GFR00JA017	CHIP JUMPER
W59	D0GDR00JA017	CHIP JUMPER
W60	D0GDR00JA017	CHIP JUMPER
W61	D0GFR00JA017	CHIP JUMPER
W62	D0GFR00JA017	CHIP JUMPER
W63	D0GFR00JA017	CHIP JUMPER
W64	D0GFR00JA017	CHIP JUMPER
W65	D0GFR00JA017	CHIP JUMPER
W66	D0GDR00JA017	CHIP JUMPER
W67	D0GDR00JA017	CHIP JUMPER
W68	D0GFR00JA017	CHIP JUMPER
W69	D0GDR00JA017	CHIP JUMPER
W70	D0GFR00JA017	CHIP JUMPER
C6200	F1H1H101A720	CHIP CAPACITOR
C6201	F1H1H102A219	CHIP CAPACITOR
C6400	F1H1H391A013	CHIP CAPACITOR
C6402	F1H1H331A013	CHIP CAPACITOR
C6404	F1H1H331A013	CHIP CAPACITOR
C6406	F1H1C104A008	CHIP CAPACITOR
C6408	F1H1H104A013	CHIP CAPACITOR
C6409	F1H1H103A219	CHIP CAPACITOR
C6412	F1H1H103A219	CHIP CAPACITOR
L6400	JOJBC0000019	CHIP INDUCTOR
L6401	JOJBC0000019	CHIP INDUCTOR
L6405	JOJBC0000019	CHIP INDUCTOR
W401	D0GBR00JA008	CHIP JUMPER
W403	D0GBR00JA008	CHIP JUMPER
C6503	F1H1H470A004	CHIP CAPACITOR
C6506	F1H1H472A219	CHIP CAPACITOR
C6515	F1H1H102A219	CHIP CAPACITOR
C6516	F1H1H103A219	CHIP CAPACITOR
C6517	F1H1H103A219	CHIP CAPACITOR
IC6500	C1AB00003130	MIC AMP
L6500	JOJBC0000019	CHIP INDUCTOR
R6500	D0GB101JA008	CHIP RESISTOR
R6501	D0GB682JA008	CHIP RESISTOR
R6502	D0GB104JA008	CHIP RESISTENCIA
R6503	D0GB472JA008	CHIP RESISTOR
R6505	D0GB331JA008	CHIP RESISTOR
R6506	D0GB561JA008	CHIP RESISTOR
R6507	D0GB681JA008	CHIP RESISTENCIA
W201	D0GBR00JA008	CHIP JUMPER
W202	D0GDR00JA017	CHIP JUMPER
R6600	D0GB151JA008	CHIP RESISTOR
R6601	D0GB151JA008	CHIP RESISTOR
R6602	D0GB151JA008	CHIP RESISTOR
R6700	D0GB151JA008	CHIP RESISTOR
R6701	D0GB151JA008	CHIP RESISTOR
R6702	D0GB151JA008	CHIP RESISTOR
C6023	F2A1H470B412	E-cap
C6028	F2A1H470B412	E-cap
C6029	F2A1C101A155	CAPACITOR
C6032	F2A1H220B411	CAPACITOR
D6005	B0EAMM000057	DIODO
D6006	B0JAME000114	DIODO
D6007	B0EAMM000057	DIODO
S6000	EVQ21405RJ	TACK SWITCH
S6001	EVQ21405RJ	TACK SWITCH
S6002	EVQ21405RJ	TACK SWITCH
S6003	EVQ21405RJ	TACK SWITCH
S6004	EVQ21405RJ	TACK SWITCH
S6005	EVQ21405RJ	TACK SWITCH
S6006	EVQ21405RJ	TACK SWITCH
S6007	EVQ21405RJ	TACK SWITCH
S6008	EVQ21405RJ	TACK SWITCH
S6009	EVQ21405RJ	TACK SWITCH
S6010	EVQ21405RJ	TACK SWITCH
S6011	EVQ21405RJ	TACK SWITCH
S6012	EVQ21405RJ	TACK SWITCH
S6013	EVQ21405RJ	TACK SWITCH
S6014	EVQ21405RJ	TACK SWITCH
S6015	EVQ21405RJ	TACK SWITCH
S6016	EVQ21405RJ	TACK SWITCH
C6202	F2A1H220A182	CAPACITOR ELECTROLITICO
C6500	F2A1H4R7A213	CAPACITOR ELECTROLITICO
C6502	F2A1C100A207	CAPACITOR ELECTROLITICO
C6504	F2A1HR10A015	CAPACITOR
C6505	F2A1C100A207	CAPACITOR ELECTROLITICO
C6507	F2A1H4R7A213	CAPACITOR ELECTROLITICO
C6509	F2A1HR10A213	CAPACITOR ELECTROLITICO
C6510	F2A1HR10A213	CAPACITOR ELECTROLITICO
C6513	F2A1HR10A015	CAPACITOR
C6514	F2A1H2R2A234	CAPACITOR ELECTROLITICO
PCB	RJB3543A-1	PRINTED CIRCUIT BOARD (PANEL)
Q6003	B1BAAL000018	Transistors

	D6700	B3AEA0000172	LED
	D6701	B3AEA0000172	LED
	D6702	B3AEA0000172	LED
	D6800	B3AAA0001129	LED
	Q6002	B1BAG000007	TRANSISTOR
	W71	ERJ6GEY0R00V	CHIP JUMPER
	W72	ERJ6GEY0R00V	CHIP JUMPER
	W73	ERJ6GEY0R00V	CHIP JUMPER
	L6502	D0GBR00JA008	CHIP JUMPER
	LB6500	D0GBR00JA008	CHIP JUMPER
	R6009	ERJ3GEYJ821V	RESISTENCIA CHIP PELICULA
	R6057	ERJ3GEYJ221V	RESISTENCIA CHIP PELICULA
	R6007	ERJ3GEYJ331V	RESISTENCIA CHIP PELICULA
	R6021	ERJ3GEYJ271V	RESISTENCIA CHIP PELICULA
	R6022	ERJ3GEYJ271V	RESISTENCIA CHIP PELICULA
	R6023	ERJ3GEYJ271V	RESISTENCIA CHIP PELICULA
	R6025	ERJ3GEYJ331V	RESISTENCIA CHIP PELICULA
	R6026	ERJ3GEYJ681V	RESISTENCIA
	R6027	ERJ3GEYJ271V	RESISTENCIA CHIP PELICULA
	R6032	ERJ3GEYJ331V	RESISTENCIA CHIP PELICULA
	R6034	ERJ3GEYJ331V	RESISTENCIA CHIP PELICULA
	R6037	ERJ3GEYJ331V	RESISTENCIA CHIP PELICULA
	C6024	F1H1H562A219	CHIP CAPACITOR
	C6511	F1H1H102A219	CHIP CAPACITOR
	R6504	ERJ3GEYJ333V	RESITENCIA CHIP
	ZB6001	RMNX0151	LED Holder
	ZB6002	RMNX0151	LED Holder
	ZB6003	RMNX0151	LED Holder
	ZB6004	RMNX0151	LED Holder
	ZJ6300	REX1472	5P FLAT WIRE USB TO MAIN PCB
	D6001	B3AEA0000127	LED azul
	D6002	B3AEA0000127	LED azul
	D6003	B3AEA0000127	LED azul
	D6004	B3AEA0000127	LED azul
		RD-DAK103-PX	AKX95 LM MAIN PCB