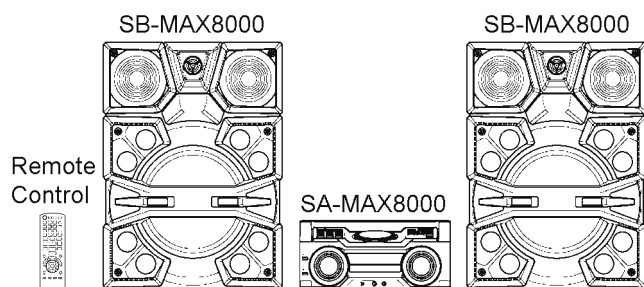


Service Manual

CD Stereo System

Model No. **SA-MAX8000GN**

Product Color: (K)...Black Type



Please refer to the original service manual for:

- CD Mechanism Unit, Mechanism (BRS12C) Order No. PSG1303059AE
- Speaker system SB-MAX8000GN, Order No. PSG1502012CE

⚠ 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.

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1 Safety Precautions

1.1. General Guidelines

1. IMPORTANT SAFETY NOTICE

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

2. An Isolation Transformer should always be used during the servicing of AC Adaptor whose chassis is not isolated from the AC power line. Use a transformer of adequate power rating as this protects the technician from accidents resulting in personal injury from electrical shocks. It will also protect AC Adaptor from being damaged by accidental shorting that may occur during servicing.
3. 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.
4. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
5. After servicing, make 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 $1M\Omega$ and $5.2M\Omega$.

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 $1.5k\Omega$, 10 watts resistor, in parallel with a $0.15\mu F$ capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1-1.
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.

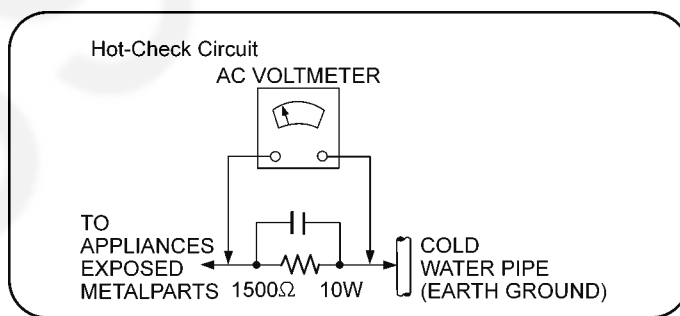


Figure 1-1

1.2. Before Repair and Adjustment

Disconnect AC power to discharge AC Capacitors (C1001, C1002, C1003, C1004, C1006, C1518) through a 10Ω , 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 220~240 V, 50 Hz in FM Tuner at volume minimum should be $\sim 850mA$.

1.3. 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.

1.4. Caution For Fuse Replacement

CAUTION:

Replace with the same type fuse:
(Manufacturer: LITTELFUSE, Type: 215, F1001, T10AH, 250V)

Replace with the same type fuse:
(Manufacturer: Skygate Co., Ltd, Type: SCT, F1401, T500mA, 250V)

Replace with the same type fuse:
(Manufacturer: Skygate Co., Ltd, Type: SCT, F1501, T5A, 250V)

1.5. 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.

Safety	Ref No.	Part No.	Part Name & Description	Remarks
⚠	24	RGR0455L-A	REAR PANEL	
⚠	33	RKM0744-K2	TOP CABINET	
⚠	301	RAE1048Z-V	TRAVERSE ASS'Y	
⚠	A2	K2CJ2YY00097	AC CORD	
⚠	A3	RQT9980-B	O/I BOOK (En)	
⚠	PCB14	REP5143B	SMPS P.C.B	(RTL)
⚠	DZ1001	D4EAY511A127	SURGE ABSORBER	(E.S.D)
⚠	Q1403	B3PBA0000579	PHOTO COUPLER	(E.S.D)
⚠	Q1405	B3PBA0000579	PHOTO COUPLER	(E.S.D)
⚠	Q1404	B3PBA0000579	PHOTO COUPLER	(E.S.D)
⚠	Q1505	B3PBA0000579	PHOTO COUPLER	(E.S.D)
⚠	F1001	K5D103BNA005	FUSE	
⚠	F1401	K5G501YA0081	FUSE	
⚠	F1501	K5G502Y00006	FUSE	
⚠	L1001	G0B183J00002	LINE FILTER	
⚠	L1002	G0B183J00002	LINE FILTER	
⚠	T1401	G4DYA0000688	SWITCHING TRANSFORMER	
⚠	T1501	G4DYA0000691	SWITCHING TRANSFORMER	
⚠	T1502	G4DYA0000691	SWITCHING TRANSFORMER	
⚠	P1001	K2AZYA000005	AC INLET	
⚠	R1001	D0GF105JA048	1M 1/4W	
⚠	R1002	D0GF105JA048	1M 1/4W	
⚠	C1001	F0CAF224A105	0.22uF	
⚠	C1002	F0CAF224A105	0.22uF	
⚠	C1003	F1BAF1020030	1000pF	
⚠	C1004	F1BAF1020030	1000pF	
⚠	C1006	F0CAF104A105	0.1uF	
⚠	C1518	F1BAF1020030	1000pF	

2 Warning

2.1. Prevention of Electrostatic Discharge (ESD) to Electrostatically 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 IC (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).

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by $\triangle$ 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.

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.

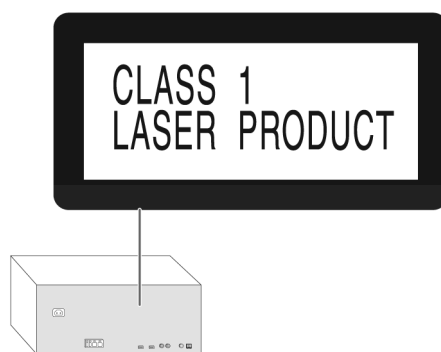


Figure 2-1

2.3. 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 Ass'y

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 (OPU)

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 FFC is connected to the new optical pickup unit. After replacing the optical pickup unit and connecting the flexi-

ble cable, cut off the antistatic FFC.

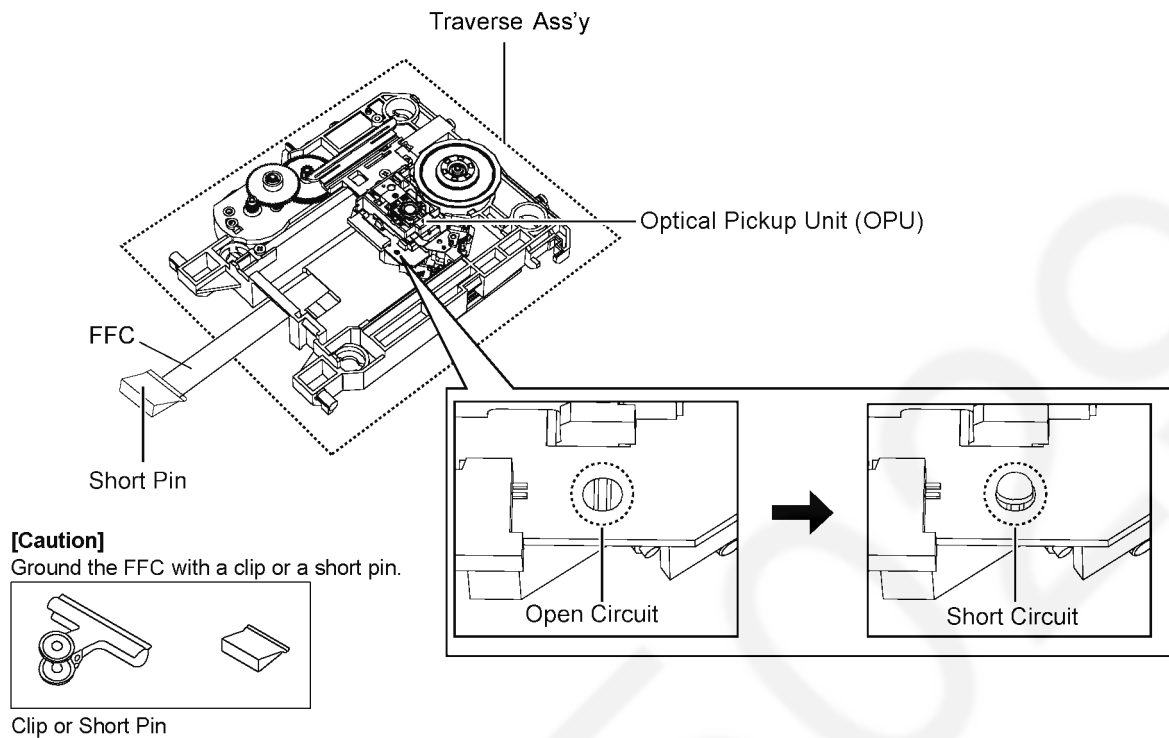


Figure 2-2

2.5. Grounding for electrostatic breakdown prevention

- As for parts that use optical pick-up (laser diode), the optical pick-up is destroyed by the static electricity of the working environment.
Repair in the working environment that is grounded.

2.5.1. Worktable grounding

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

2.5.2. Human body grounding

- Use the anti-static wrist strap to discharge the static electricity from your body Figure 2-3.

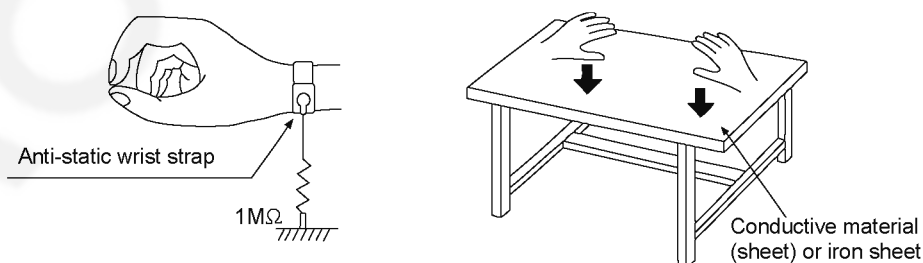


Figure 2-3

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.

3.2. Software Update Procedure

UPDATE PROCEDURE

Perform the following steps.

- Step 1: Preparing the USB device
- Step 2: Software Update

Step 1: Preparing the USB device

Before start creating the update USB, it is necessary to check the update file. It is important to use the correct file otherwise USB version up process will not working.

Note: Please do not rename the file as the updation process will look for above naming. If different name, version up process will not work.

To create USB update, copy the desired FRM file (depends on model) into USB. Please make sure there is no other file inside the USB device.

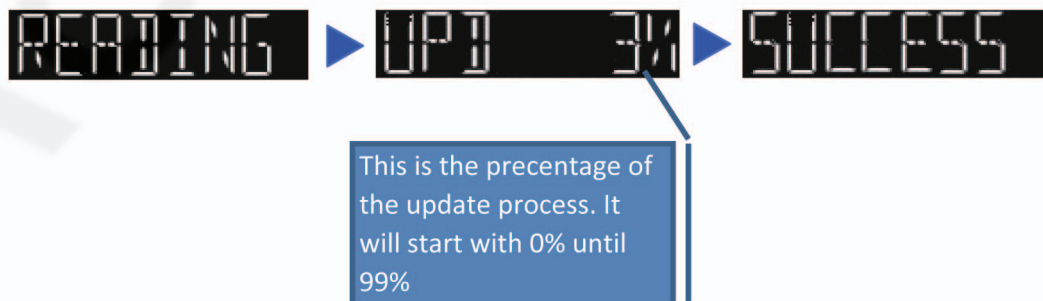
Step 2: Software Update

<Caution>

- ▶ During the update process, do not disconnect the AC power supply cord.
- ▶ Do not press any buttons, except as instructed. Failure to do so may result in the set becoming unresponsive which will require repair.

Step:

- ▶ Set need to be turn ON in order to support USB update process.
 - ▶ Go to USB selector until the display show "NODEVICE".
1. Insert USB device (With FRM file inside)
 2. During the update process, the below message will shown on the display.



3. When "SUCCESS" display appear, unplug USB then ac out supply. Firmware updation process completed.

4 Specifications

■ Amplifier section

RMS output power stereo mode

High Ch	500 W per channel (3 Ω), 1 kHz, 30% THD
Mid Ch	500 W per channel (3 Ω), 1 kHz, 30% THD
Low Ch	1000 W per channel (5 Ω), 100 Hz, 30% THD
Total RMS stereo mode power	4000 W

■ Disc section

Disc played (8 cm or 12 cm)

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

*MPEG-1 Layer 3, MPEG-2 Layer 3

Pick up

Wavelength	790 nm(CD)
------------	------------

■ Bluetooth® section

Version	Bluetooth® 2.1 + EDR
Class	Class 2
Supported profiles	A2DP, AVRCP, SPP, OPP, FTP
Operating frequency	2.4 GHz band FH-SS
Operation distance	10 m line of sight

■ Internal memory section

Memory

Memory size	2 GB
Media file format support	MP3 (*.mp3)

Memory recording

Bit rate	128 kbps
Memory recording speed	1x, 3x max (CD only)
Recording file format	MP3 (*.mp3)

■ Tuner section

Frequency modulation (FM)

Preset memory	30 stations
Frequency range	87.50 MHz to 108.00 MHz (50 kHz step)
Antenna terminals	75 Ω (unbalanced)

Amplitude modulation (AM)

Preset memory	15 stations
Frequency range	522 kHz to 1629 kHz (9 kHz step) 520 kHz to 1630 kHz (10 kHz step)

■ Terminal section

USB port

USB standard	USB 2.0 full speed
Media file format support	MP3 (*.mp3)
USB device file system	FAT12, FAT16, FAT32

USB recording

Bit rate	128 kbps
USB recording speed	1x, 3x (CD only)
Recording file format	MP3 (*.mp3)

AUX IN 1

Audio input	Pin jack
-------------	----------

AUX IN 2

Terminal	Stereo, 3.5 mm jack
----------	---------------------

Microphone

Terminal	Mono, 6.3 mm jack
----------	-------------------

■ General

Power supply	AC 220 V to 240 V, 50 Hz
Power consumption	340 W

Dimensions (W x H x D)

492 mm x 221 mm x 421 mm

Mass

7.1 kg

Operating temperature range

0 °C to +40 °C

Operating humidity range

35% to 80% RH
(no condensation)

Power consumption in standby mode (approximate)

0.4 W

Power consumption in standby mode (approximate)

0.5 W

(With "BLUETOOTH STANDBY" set to "ON")

Note:

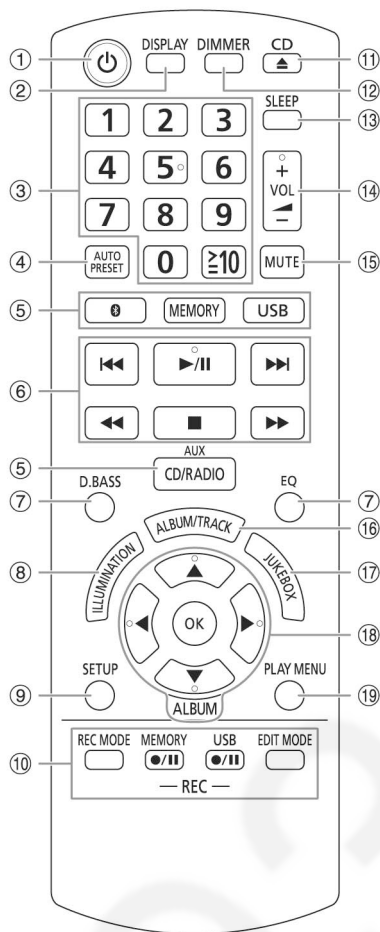
1. Specifications are subject to change without notice. Mass and dimension are approximate.
2. Total harmonic distortion is measured by the digital spectrum analyzer.

■ System: SC-MAX8000GN

Main Unit: SA-MAX8000GN
Speaker System: SB-MAX8000GN

5 Location of Controls and Components

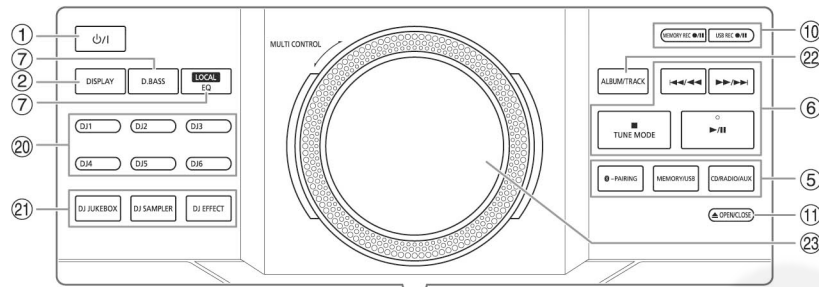
5.1. Remote Control Key Button Operation



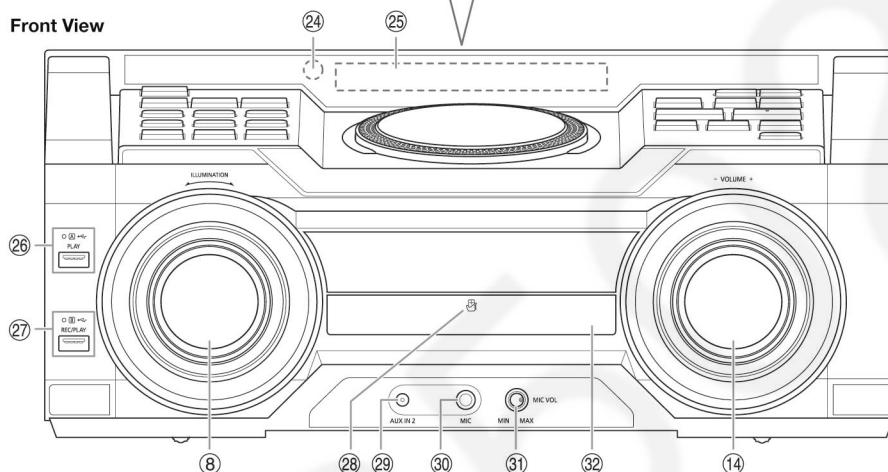
- ① **Standby/on switch** [⏻], [⏻/⏺]
Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.
- ② View the content information
- ③ **Numeric buttons**
To select a 2-digit number
Example: 16: [⏻10]→[1]→[6]
- ④ Auto preset the radio station
- ⑤ **Select the audio source**
On the main unit:
To start Bluetooth® pairing, press and hold [⏻-PAIRING].
- ⑥ Basic playback control
- ⑦ Select the sound effects
- ⑧ Select the illumination effects
- ⑨ View the setup menu
- ⑩ Recording operation control
- ⑪ Open or close the disc tray
- ⑫ **Decrease the brightness of the display panel**
To cancel, press the button again.
- ⑬ Set the sleep timer
- ⑭ Adjust the volume level
- ⑮ **Mute the sound**
To cancel, press the button again.
"MUTE" is also canceled when you adjust the volume or when you switch off the system.
- ⑯ Select MP3 album or track
- ⑰ Select DJ jukebox
- ⑱ Select or confirm the option
- ⑲ View the play menu

5.2. Main Unit Key Button Operation

Top View



Front View



- 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.
- ② View the content information
- ⑤ **Select the audio source**
On the main unit:
To start Bluetooth® pairing, press and hold [PAIRING].
- ⑥ Basic playback control
- ⑦ Select the sound effects
- ⑧ Select the illumination effects
- ⑩ Recording operation control
- ⑪ Open or close the disc tray
- ⑭ Adjust the volume level
- ⑳ **DJ function direct buttons**
Press [DJ JUKEBOX], [DJ SAMPLER] or [DJ EFFECT] to switch on the DJ function.
Press [DJ1] to [DJ6] on the main unit to select the desired function.
To cancel, press the selected [DJ1] to [DJ6] again.
- ㉑ **Switch on the DJ function**
To cancel, press the button again.
- ㉒ **Select MP3 album or track**
Press [ALBUM/TRACK] to select album or track.
Browse tracks or albums
Turn [MULTI CONTROL] to browse.
To start playback from the selection, press [▶/II].
- ㉓ Turntable for DJ and multi control
- ㉔ **Remote control sensor**
Distance: Within approximately 7 m
Angle: Approximately 20° up and down, 30° left and right
- ㉕ Display panel
- ㉖ **USB A**
USB port (⚡)
USB status indicator
Play MP3 tracks.
- ㉗ **USB B**
USB port (⚡)
USB status indicator
Play MP3 tracks.
Record sound or music tracks.
- ㉘ NFC touch area
- ㉙ AUX IN 2 jack
- ㉚ Microphone jack
- ㉛ Adjust the microphone volume level
- ㉜ Disc tray

6 Service Mode

6.1. Cold-Start

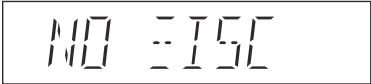
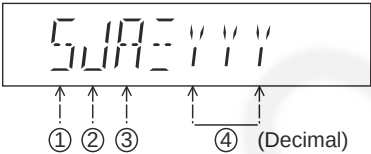
Item		FL Display	Key Operation
Mode Name	Description		Front Key
Cold Start	To carry out cold-start or initialize to shipping mode		1. Unplug AC power cord. 2. Press & hold [POWER] button. 3. Plug in AC power cord while [POWER] button being pressed. 4. Release [POWER] button.

6.2. Sales Demonstration Lock Function

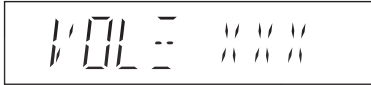
Item		FL Display	Key Operation
Mode Name	Description		Front Key
Entering into Sales Demonstration Lock Mode	To enter into the sales demonstration lock mode.		1. Turn on the unit. 2. Select to any mode function. 3. Press and hold [▲OPEN/CLOSE] and [CD/RADIO/AUX] keys for 5 sec or more. The display will 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.
Cancellation of Sales Demonstration Lock Mode	To cancel the sales demonstration lock mode.		1. Turn on the unit. 2. Select to CD mode function. 3. Set volume to Vol 19. 4. Press and hold [▲OPEN/CLOSE] and [CD/RADIO/AUX] keys for 5 sec or more. The display will show upon entering into this mode for 2 sec.

6.3. Doctor Mode Table

6.3.1. Doctor Mode Table 1

Item		FL Display	Key Operation
Mode Name	Description		Front Key
Doctor Mode	To enter into Doctor Mode		In CD Mode: - Press [■] button on main unit follow by [4] and [7] on remote control. - To exit, press [DELETE] button on remote control or, press [POWER, ⏻] button on Main Unit
EEPROM checksum check	Displaying of 1. Year Develop. 2. Model Type. 3. ROM Type. 4. Firmware Version.	(Display 1) 	In CD mode: Enter into Doctor Mode
Cold Start	To active cold start upon next AC power up when reset start is execute the next time.		In Doctor Mode: Press [4] button on the remote control.

6.3.2. Doctor Mode Table 2

Item		FL Display	Key Operation
Mode Name	Description		Front Key
Volume Setting Check	To check the volume setting of the main unit.	 Press [7]: VOL50 Press [8]: VOL35 Press [9]: VOL0	In Doctor Mode: 1. Press [7], [8], [9] button on the remote control.
FL Display Check	To check the FL segment display. All segments will light up while all LED blink at 0.5s intervals.		In Doctor mode: 1. Press [1] button on the remote control. 2. To cancel this mode, press [0] button on the remote control.
Traverse Test	To determine the traverse unit operation for inner & outer access track. In this mode, ensure the CD is in the main unit.	 The counter will increment by one. When reach 99999999 will change to 00000000 Cancellation Display 	In Doctor Mode: 1. Press [10] → [1] → [2] button on the remote control. 2. To cancel this mode, press [0] button on the remote control.
Reliability Test (Combination)	To determine the traverse unit operation & open/close operation of the mechanism. In this mode, ensure the CD is in the main unit.	 The counter will increment by one. When reach 99999999 will change to 00000000 Cancellation Display 	In Doctor Mode: 1. Press [10] → [1] → [5] button on the remote control. 2. To cancel this mode, press [0] button on the remote control.
Loading Test	To determine the open & close operation of the CD Mechanism Unit. In this mode, the tray will open & close automatically.	 The counter will increment by one. When reach 99999999 will change to 00000000 Cancellation Display 	In Doctor Mode: 1. Press [10] → [2] → [1] button on the remote control. 2. To cancel this mode, press [0] button on the remote control.

6.4. Self-Diagnostic Mode

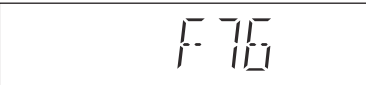
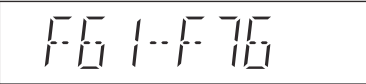
Item		FL Display	Key Operation
Mode Name	Description		Front Key
Self Diagnostic Mode	To enter into self diagnostic checking		Step 1: Select CD mode (Ensure no disc is inserted). Step 2: Press & hold [■] button follow by [▶▶/▶▶] on main unit for 2 seconds.
Error Code Information	System will perform a 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 for more than 5 seconds. To exit, press [⏻/⏻] on main unit or remote control.

6.5. Self-Diagnostic Error Code Table

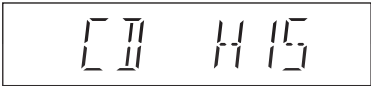
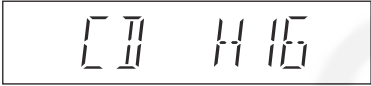
Self-Diagnostic Function (Refer Section 6.4. Self-Diagnostic Mode) provides information on any problems occurring for the unit and its respective components by displaying the error codes. These error code such as U**, H** and F** are stored in memory and held unless it is cleared.

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

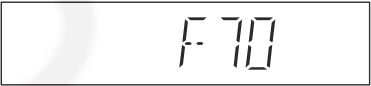
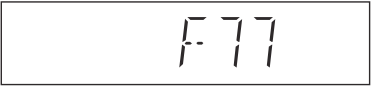
6.5.1. Power Supply Error Code Table

Item		FL Display	Key Operation
Mode Name	Description		Front Key
Error Code F61	Diagnosis Contents: Power Amp IC output abnormal. Upon power on, PCONT=HIGH, DC_DET_AMP after checking LSI.		Press [■] on main unit for next error.
Error Code F76	Diagnosis Contents: Power Amp IC output abnormal. DC_DET_PWR.		Press [■] on main unit for next error.
Error Code F61-76	Diagnosis Contents: Power Amp IC output abnormal. Both DCDT (NG).		Press [■] on main unit for next error.

6.5.2. CD Mechanism Error Code Table

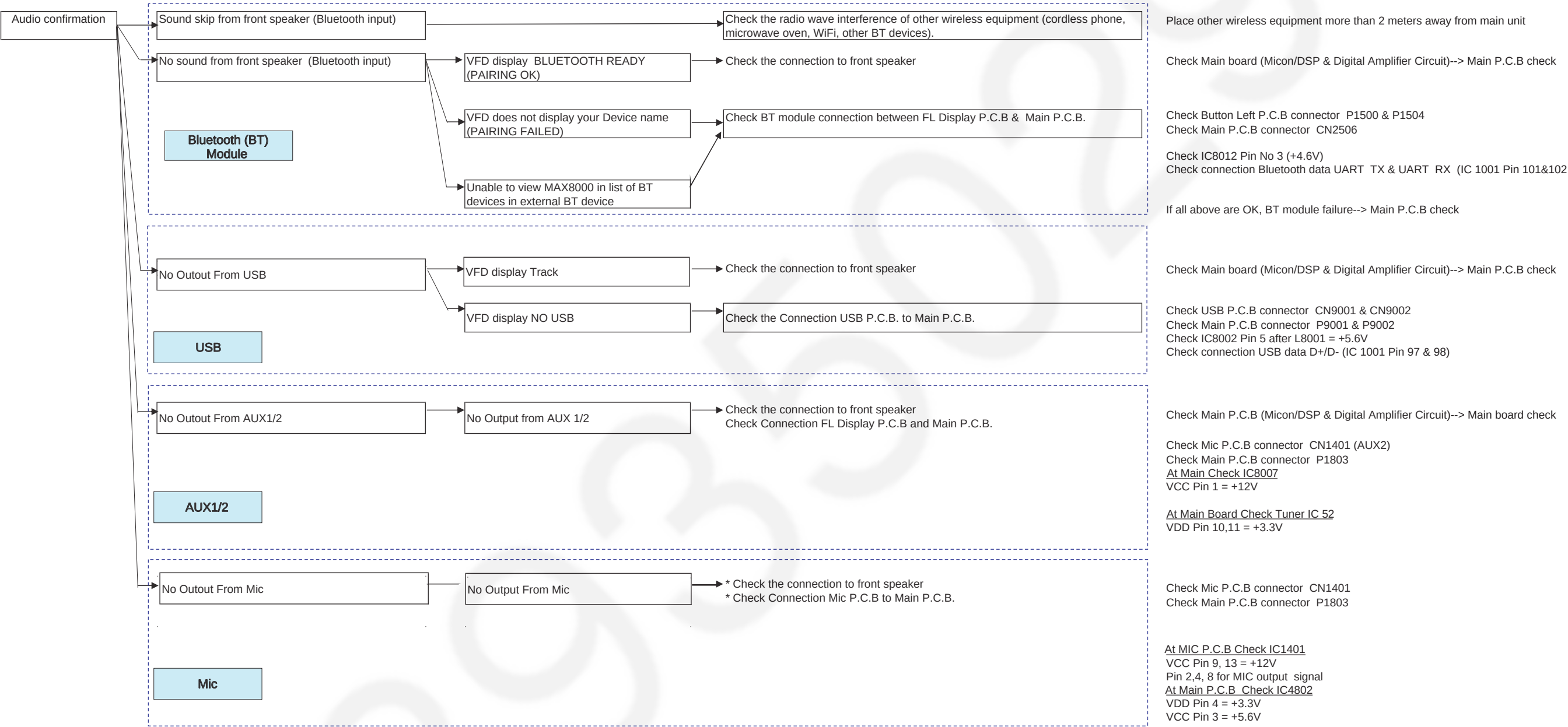
Item		FL Display	Key Operation
Mode Name	Description		Front Key
Error Code CD H15	Diagnosis Contents: CD Open Abnormal. During operation POS_SW_R On fail to be detected within 4 sec. Error No. shall be clear by force or during cold start.		Press [■] on main unit for next error.
Error Code CD H16	Diagnosis Contents: CD Closing Abnormal. During operation POS_SW_CEN On fail to be detected within 4 sec. Error No. shall be clear by force or during cold start.		Press [■] on main unit for next error.
Error Code F26	Diagnosis Contents: Communication between CD servo LSI and micro-p abnormal. During switch to CD function, if SENSE = "L" within fail safe time of 20ms.		Press [■] on main unit for next error.

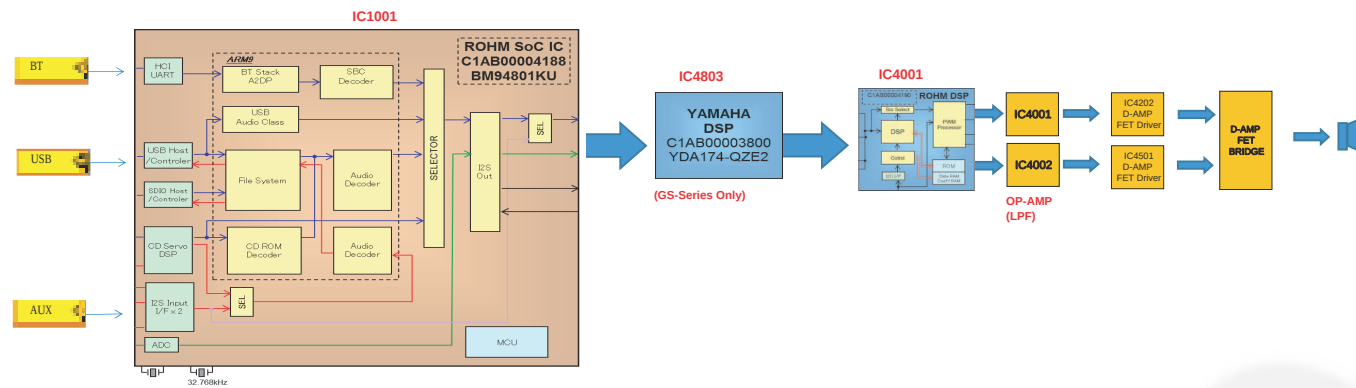
6.5.3. Bluetooth Error Code Table

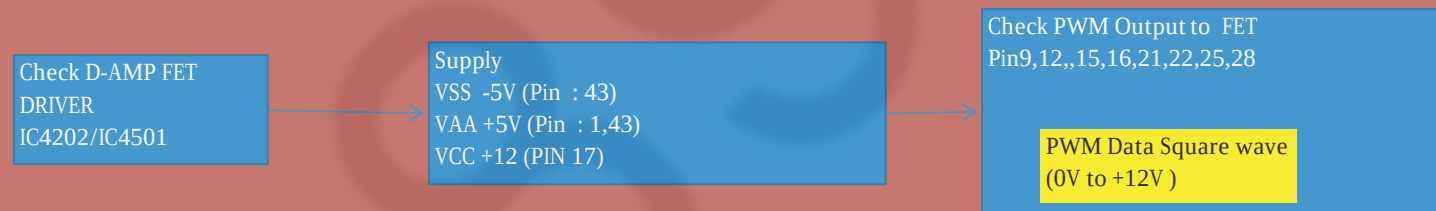
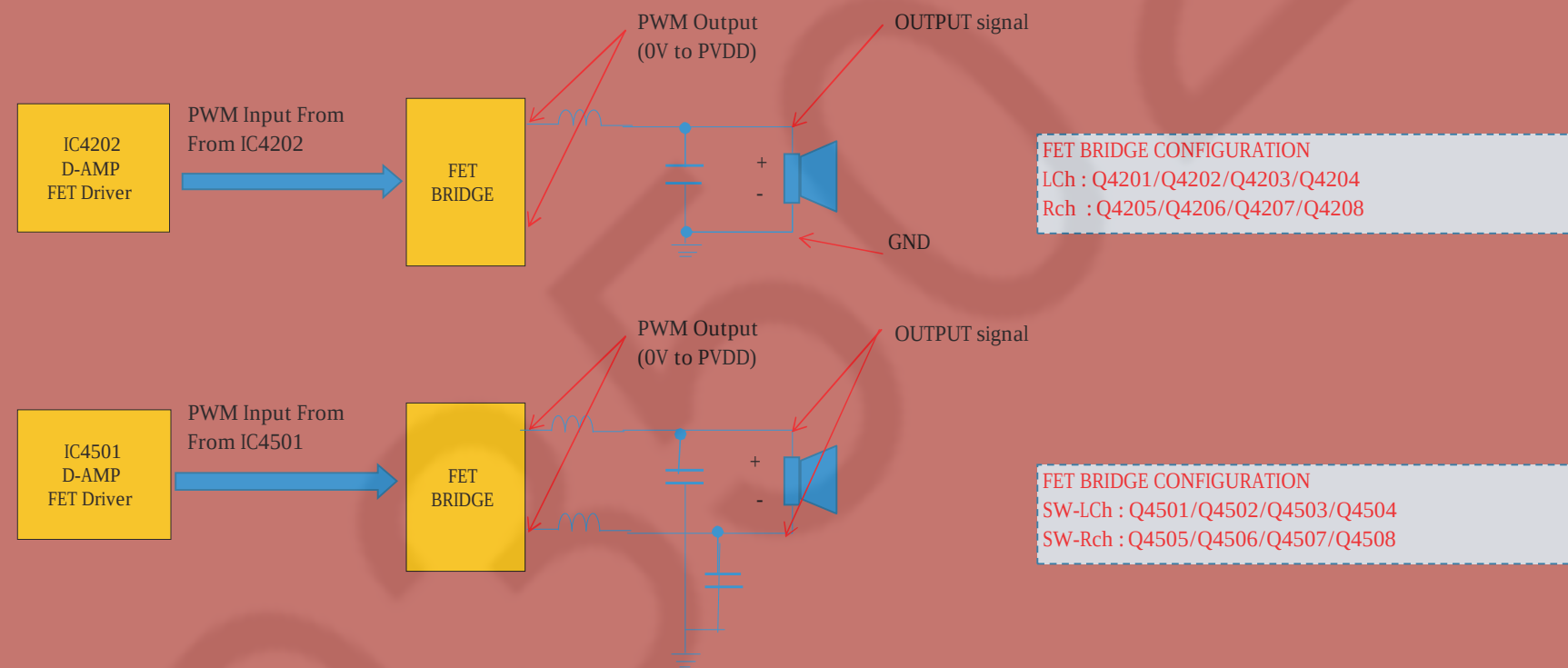
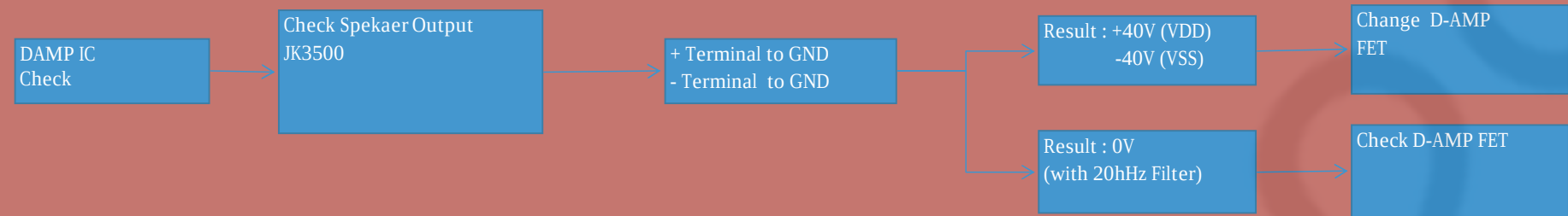
Item		FL Display	Key Operation
Mode Name	Description		Front Key
Error Code F70	Diagnosis Contents: Bluetooth Communication. Communication between Bluetooth module and micro-p abnormal.		Press [■] on main unit for next error.
Error Code F77	Diagnosis Contents: Bluetooth Address Error If there is no valid Bluetooth address stored in the EEPROM IC.		Press [■] on main unit for next error.

7 Troubleshooting Guide

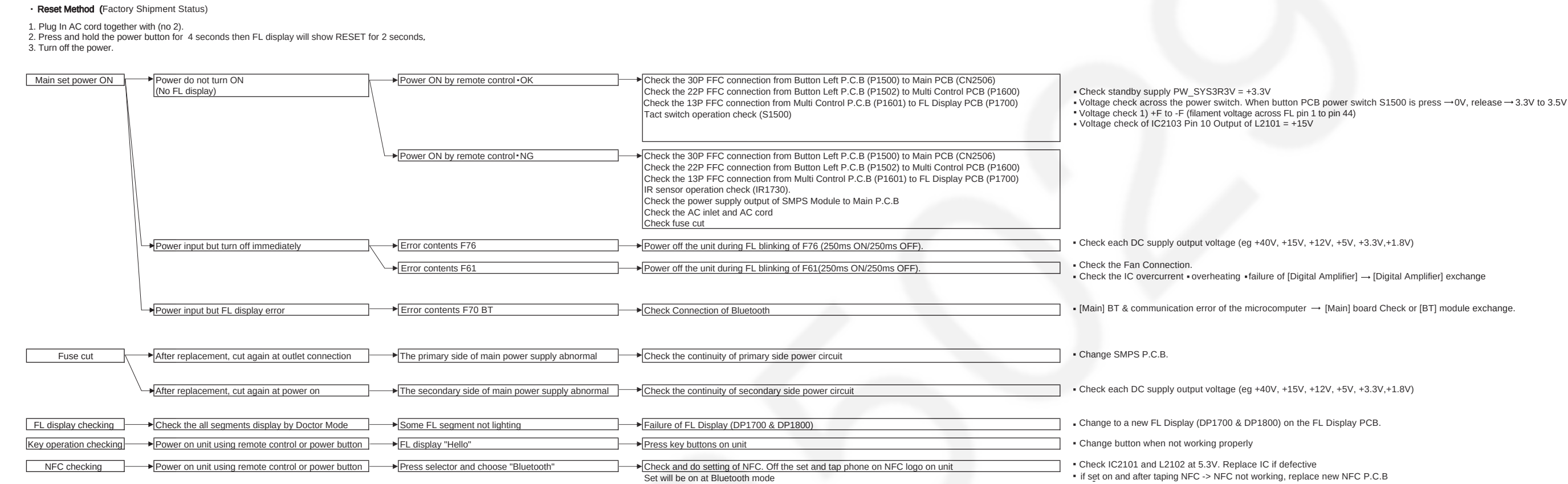
7.1. Audio







7.2. Power



8 Disassembly and Assembly Instructions

- 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 this 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.
- Be sure to use proper service tools, equipments or jigs during repair.
- Select items from the following indexes when disassembly or replacement are required.
 - Disassembly of Top Cabinet
 - Disassembly of Fan Unit
 - Disassembly of Front Panel Unit
 - Disassembly of FL Display P.C.B.
 - Disassembly of Illumination Jog P.C.B.
 - Disassembly of Illumination Left P.C.B.
 - Disassembly of BT&NFC P.C.B.
 - Disassembly of Volume Jog P.C.B.
 - Disassembly of Illumination Right P.C.B.
 - Disassembly of USB P.C.B.
 - Disassembly of Mic P.C.B.
 - Disassembly of DJ Cabinet Unit
 - Disassembly of Button Left P.C.B.
 - Disassembly of Multi Control P.C.B.
 - Disassembly of Button Right P.C.B.
 - Disassembly of SMPS P.C.B.
 - Disassembly of Inner Chassis Unit
 - Disassembly of Main P.C.B.
 - Disassembly of CD Mechanism Unit
 - Disassembly of CD Interface P.C.B.

8.1. Type of Screws

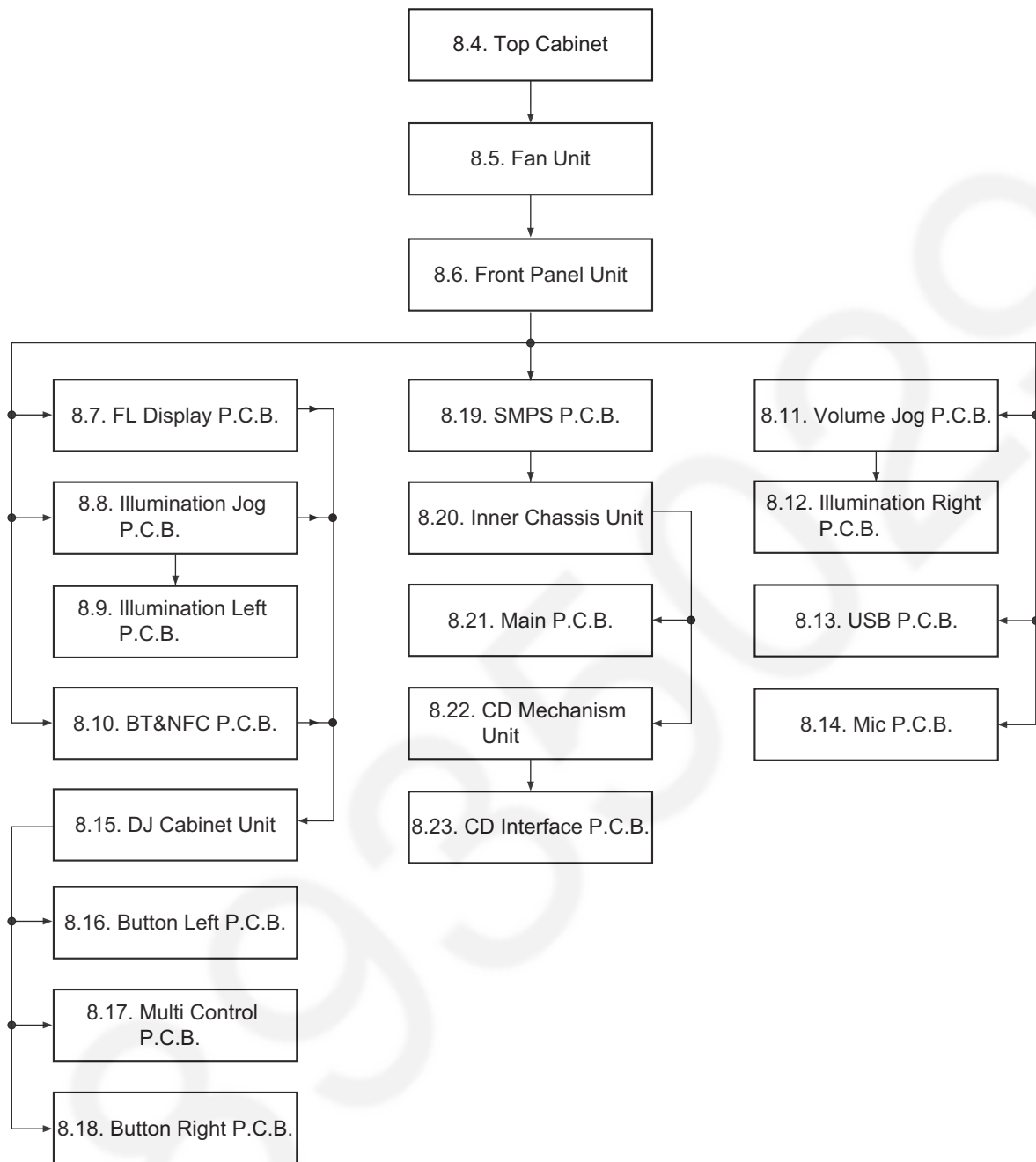
CAUTION NOTE:

Please use original screw and at correct locations.

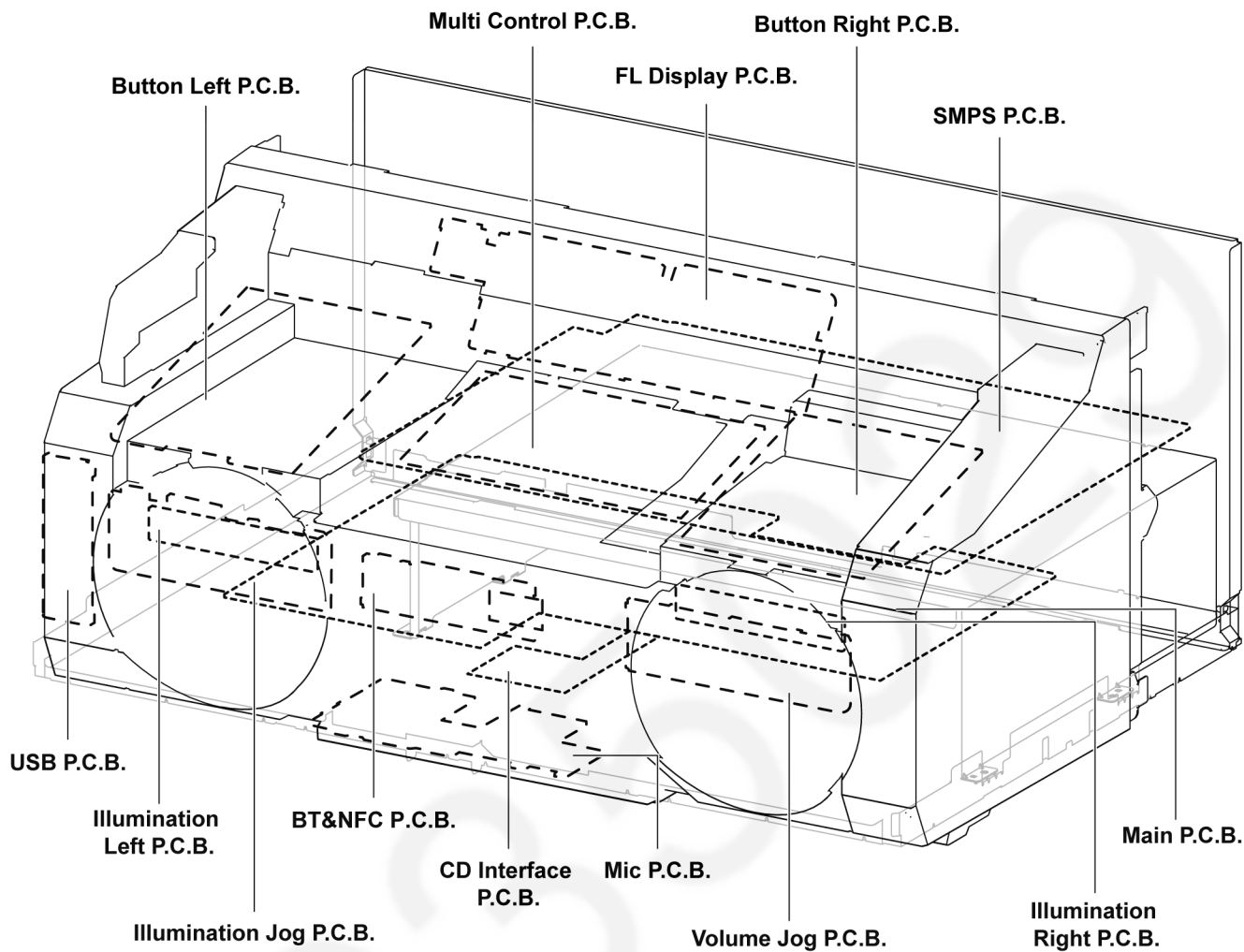
Below shown is part no. of different screw types used:

- | | |
|------------------------|-----------------------|
| a :RHD30007-K2J | f :XTB4+10AFJ |
| b :RHD30119-S | g :RHD30111-31 |
| c :RHD30005-J | h :RHD301008 |
| d :RHD26016-1L | i :XTN2+6GFJ |
| e :RHD26046-L | |

8.2. Disassembly Flow Chart

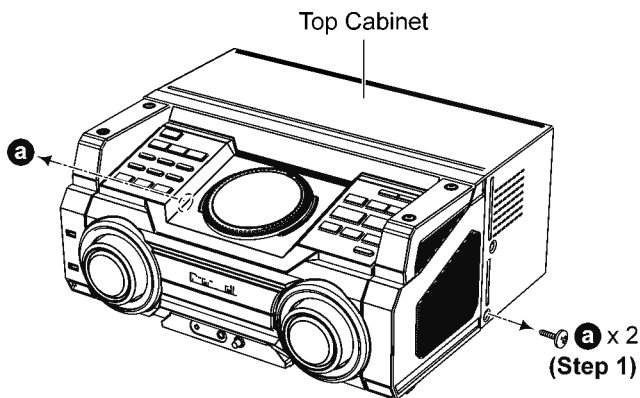


8.3. Main Components and P.C.B. Locations



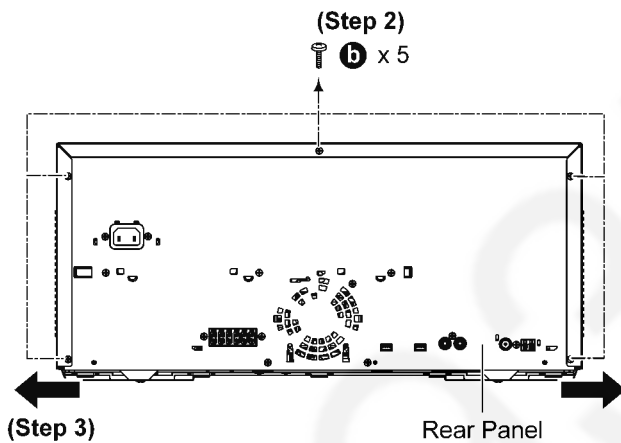
8.4. Disassembly of Top Cabinet

Step 1 Remove 2 screws.

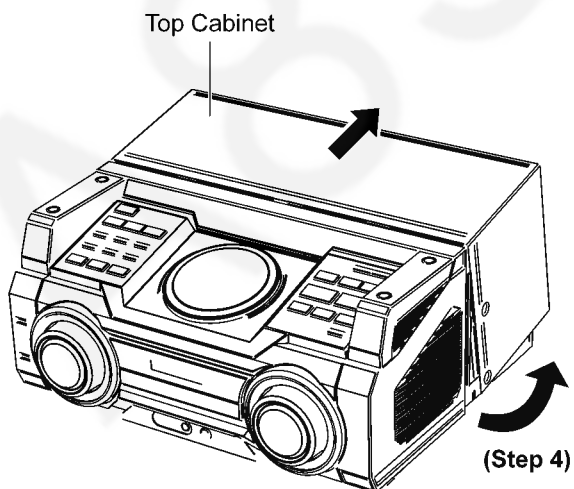


Step 2 Remove 5 screws.

Step 3 Slightly release both sides of Top Cabinet as arrow shown.



Step 4 Slightly lift up to remove Top Cabinet.

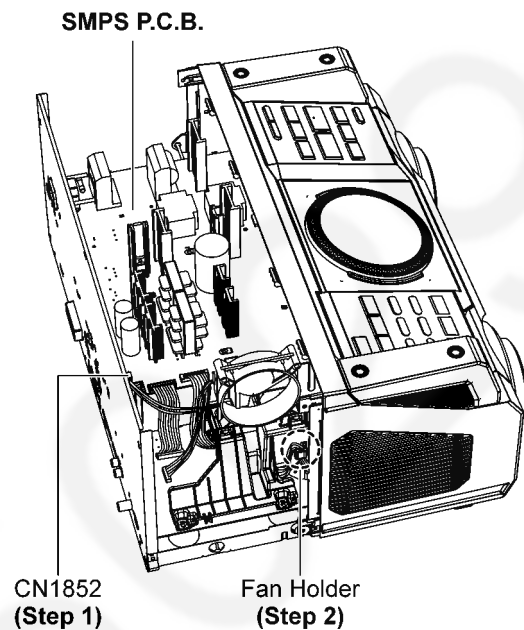


8.5. Disassembly of Fan Unit

• Refer to "Disassembly of Top Cabinet".

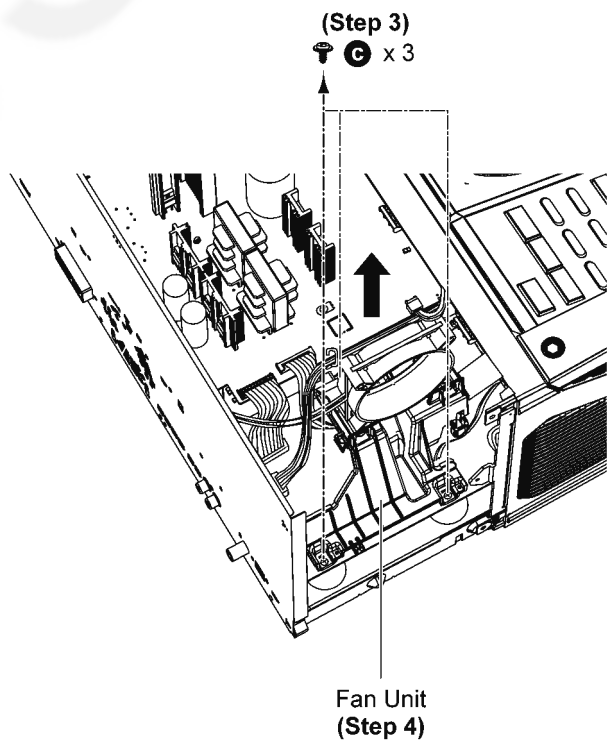
Step 1 Detach 2P Wire at connector (CN1852) on SMPS P.C.B..

Step 2 Lift up wire from Fan Holder.



Step 3 Remove 3 screws.

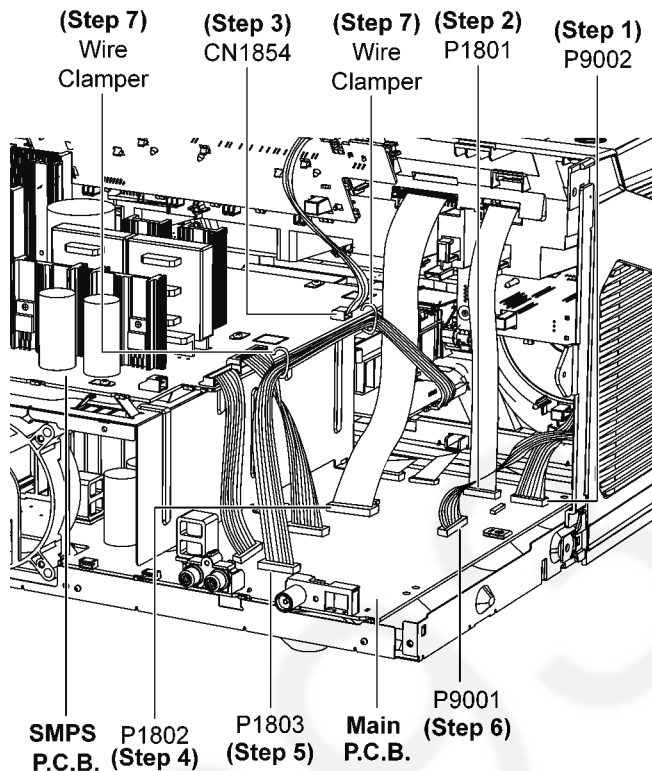
Step 4 Remove Fan Unit.



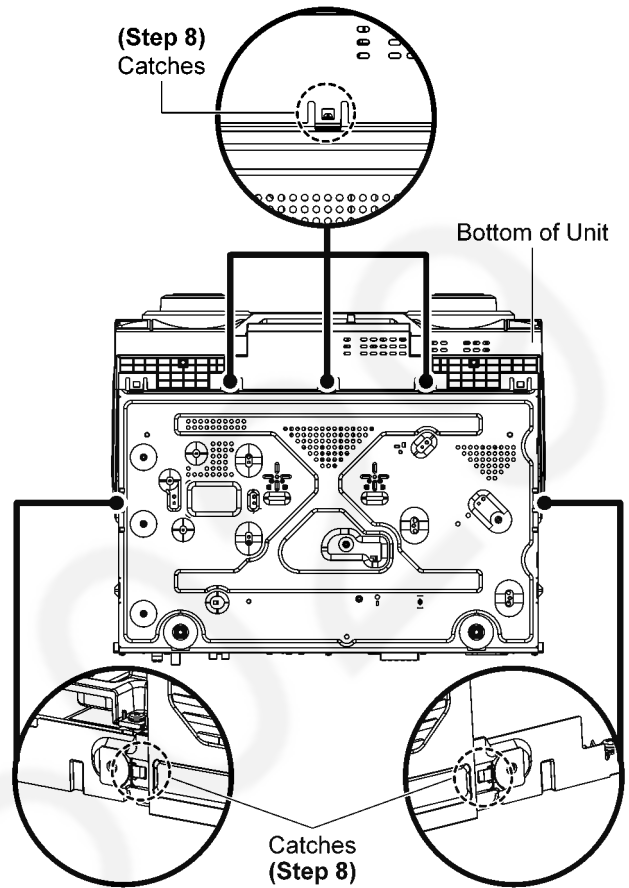
8.6. Disassembly of Front Panel Unit

- Refer to “Disassembly of Top Cabinet”.
- Refer to “Disassembly of Fan Unit”.

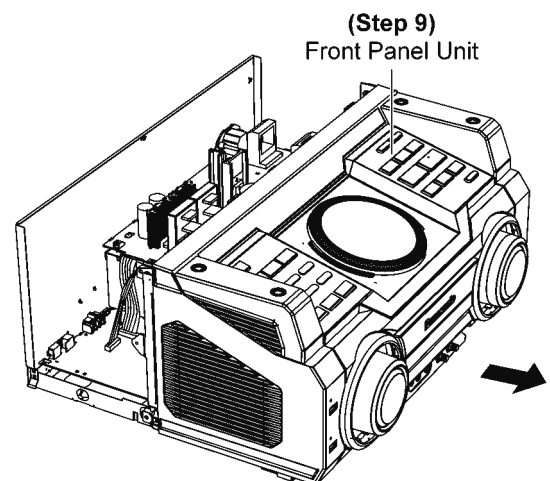
Step 1 Detach 7P Wire at connector (P9002) on Main P.C.B..
Step 2 Detach 14P FFC at connector (P1801) on Main P.C.B..
Step 3 Detach 3P Wire at connector (CN1854) on SMPS P.C.B..
Step 4 Detach 30P FFC at connector (P1802) on Main P.C.B..
Step 5 Detach 9P Wire at connector (P1803) on Main P.C.B..
Step 6 Detach 6P Wire at connector (P9001) on Main P.C.B..
Step 7 Lift up Wire Clampers.



Step 8 Release tabs at bottom of the unit.



Step 9 Detach to remove Front Panel Unit



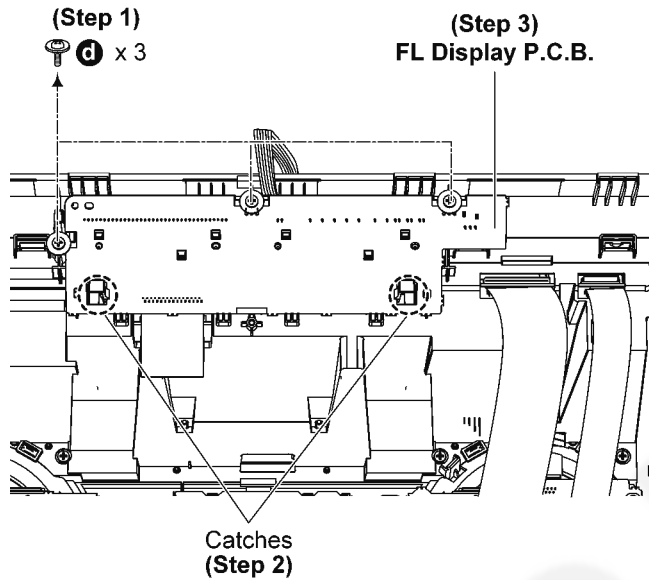
8.7. Disassembly of FL Display P.C.B.

- Refer to "Disassembly of Top Cabinet".
- Refer to "Disassembly of Fan Unit".
- Refer to "Disassembly of Front Panel Unit".

Step 1 Remove 3 screws.

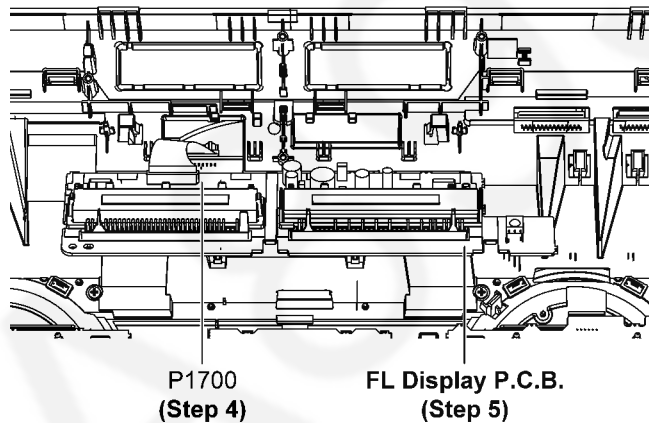
Step 2 Release catches.

Step 3 Lift up FL Display P.C.B..



Step 4 Detach 13P FFC at connector (P1700) on FL Display P.C.B..

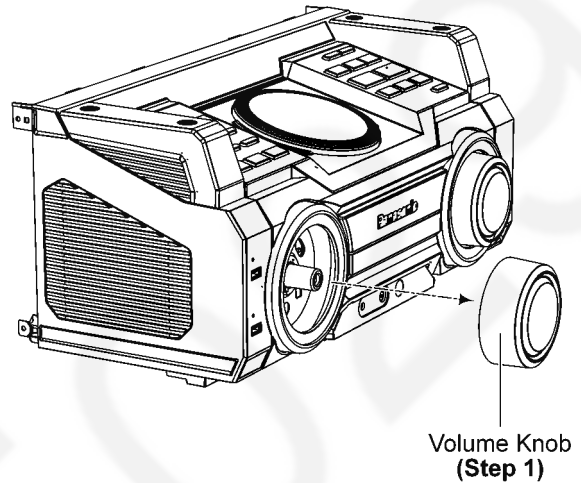
Step 5 Remove FL Display P.C.B..



8.8. Disassembly of Illumination Jog P.C.B.

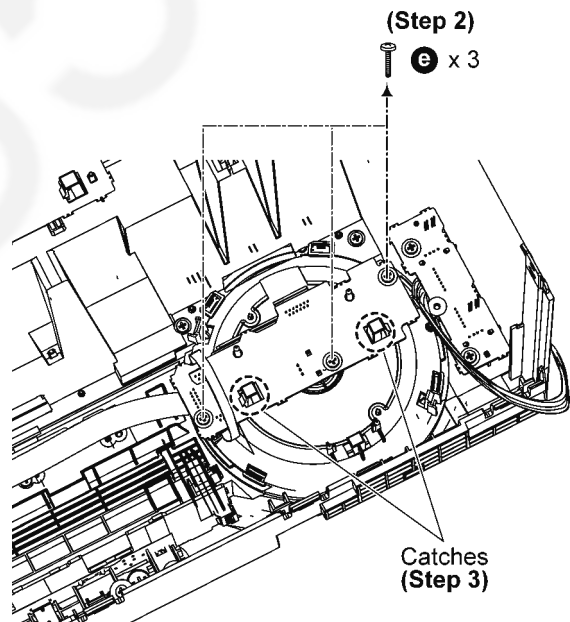
- Refer to "Disassembly of Top Cabinet".
- Refer to "Disassembly of Fan Unit".
- Refer to "Disassembly of Front Panel Unit".

Step 1 Remove Volume Knob.



Step 2 Remove 3 screws.

Step 3 Release catches.

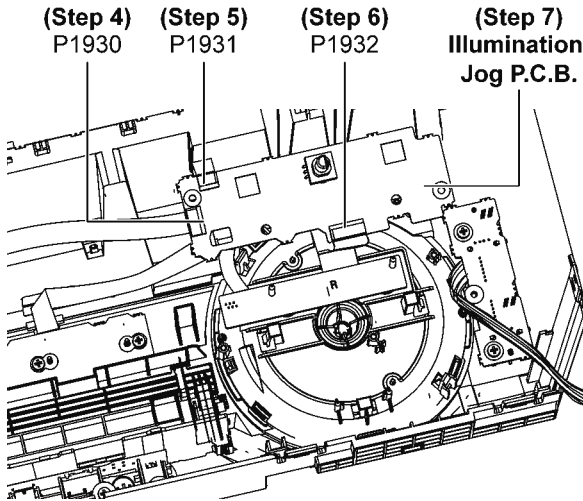


Step 4 Detach 10P FFC at connector (P1930) on Illumination Jog P.C.B..

Step 5 Detach 6P FFC at connector (P1931) on Illumination Jog P.C.B..

Step 6 Detach 13P FFC at connector (P1932) on Illumination Jog P.C.B..

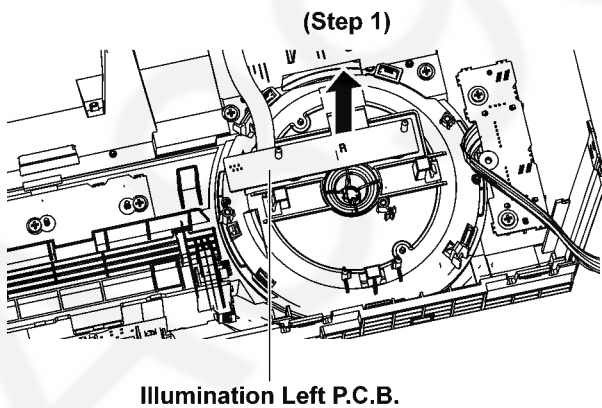
Step 7 Remove Illumination Jog P.C.B..



8.9. Disassembly of Illumination Left P.C.B.

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

Step 1 Lift up to remove Illumination Left P.C.B..



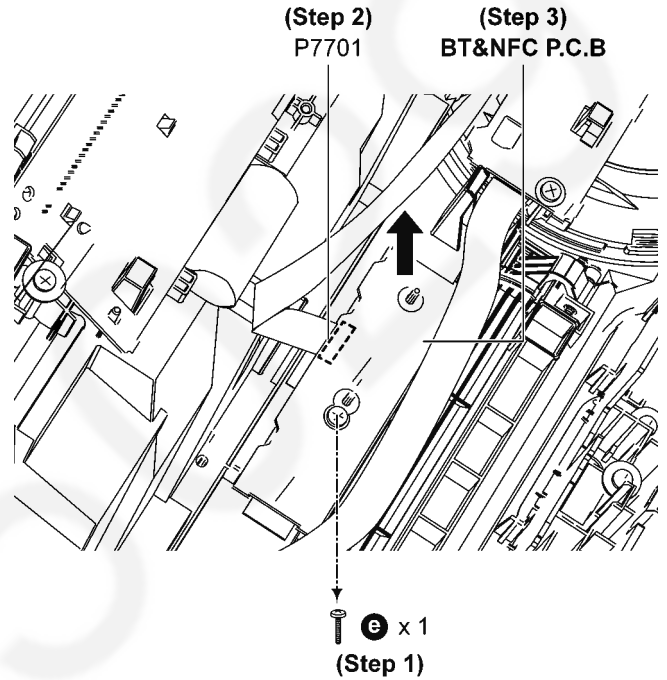
8.10. Disassembly of BT&NFC P.C.B

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

Step 1 Remove screw.

Step 2 Detach 12P FFC at connector (P7701) on BT&NFC P.C.B..

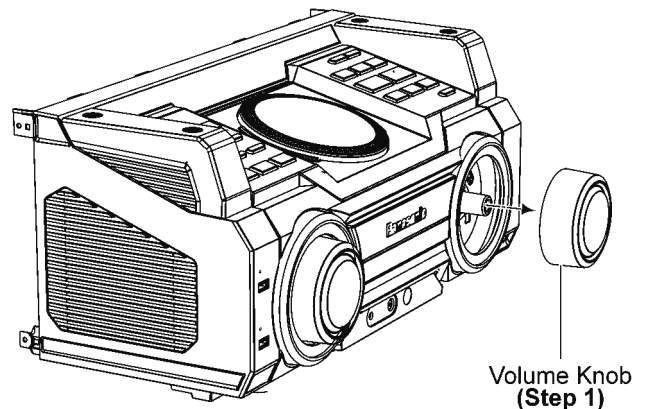
Step 3 Lift up to remove BT&NFC P.C.B.



8.11. Disassembly of Volume Jog P.C.B.

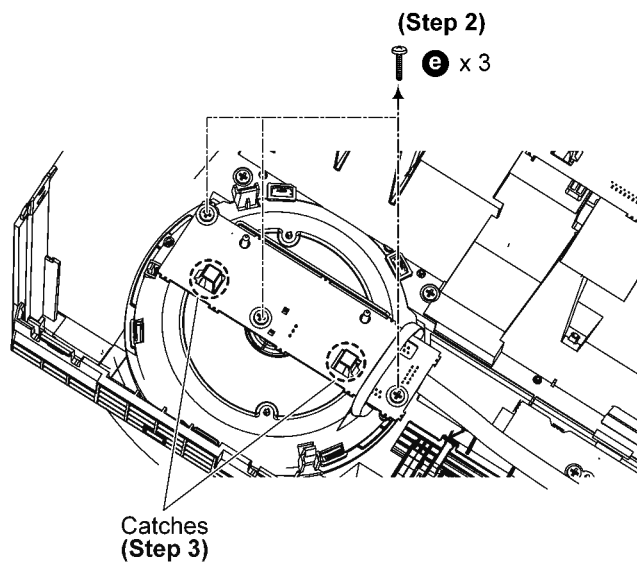
- Refer to “Disassembly of Top Cabinet”.
- Refer to “Disassembly of Fan Unit”.
- Refer to “Disassembly of Front Panel Unit”.

Step 1 Remove Volume Knob.



Step 2 Remove 3 screws.

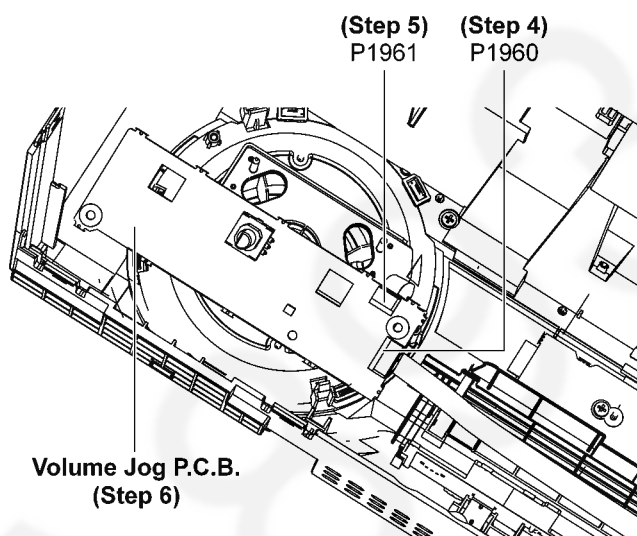
Step 3 Release catches.



Step 4 Detach 10P FFC at connector (P1960) on Volume Jog P.C.B..

Step 5 Detach 6P FFC at connector (P1961) on Volume Jog P.C.B..

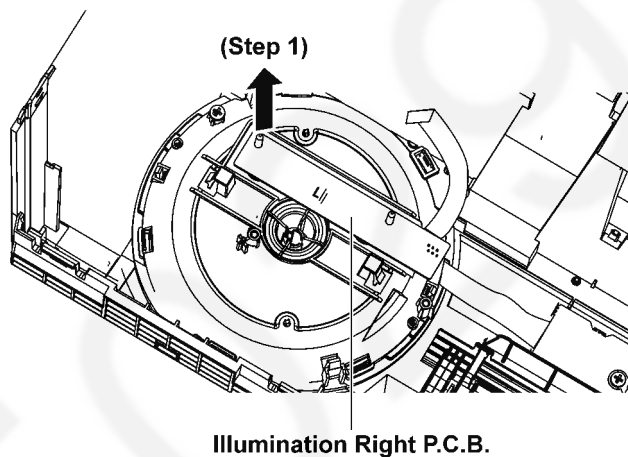
Step 6 Remove Volume Jog P.C.B..



8.12. Disassembly of Illumination Right P.C.B.

- Refer to "Disassembly of Top Cabinet".
- Refer to "Disassembly of Fan Unit".
- Refer to "Disassembly of Front Panel Unit".
- Refer to "Disassembly of Volume Jog P.C.B..".

Step 1 Lift up to remove Illumination Right P.C.B.

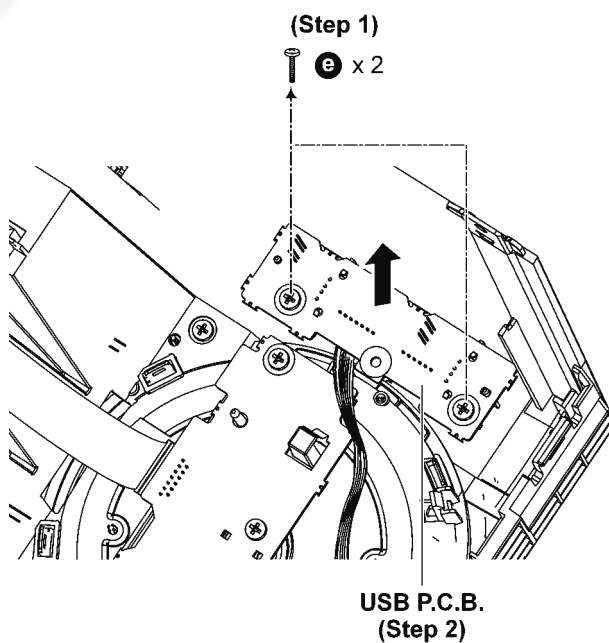


8.13. Disassembly of USB P.C.B.

- Refer to "Disassembly of Top Cabinet".
- Refer to "Disassembly of Fan Unit".
- Refer to "Disassembly of Front Panel Unit".

Step 1 Remove 2 screws.

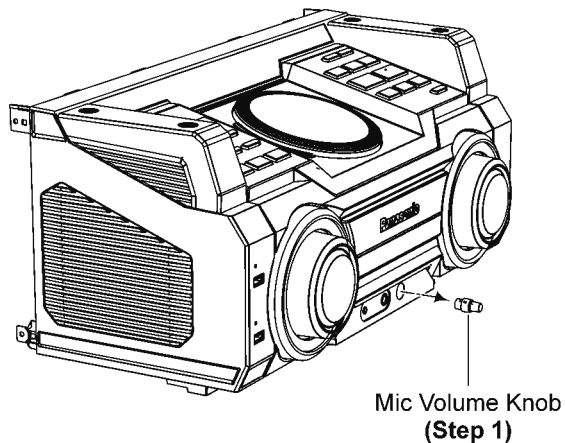
Step 2 Lift up to remove USB P.C.B..



8.14. Disassembly of Mic P.C.B.

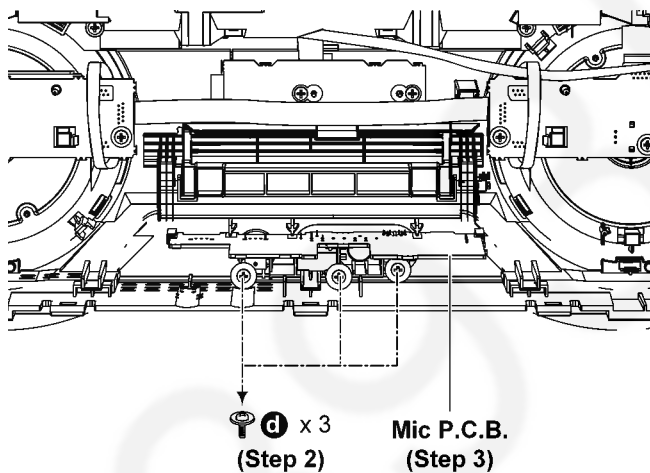
- Refer to “Disassembly of Top Cabinet”.
- Refer to “Disassembly of Fan Unit”.
- Refer to “Disassembly of Front Panel Unit”.

Step 1 Remove Mic Volume Knob.



Step 2 Remove 3 screws.

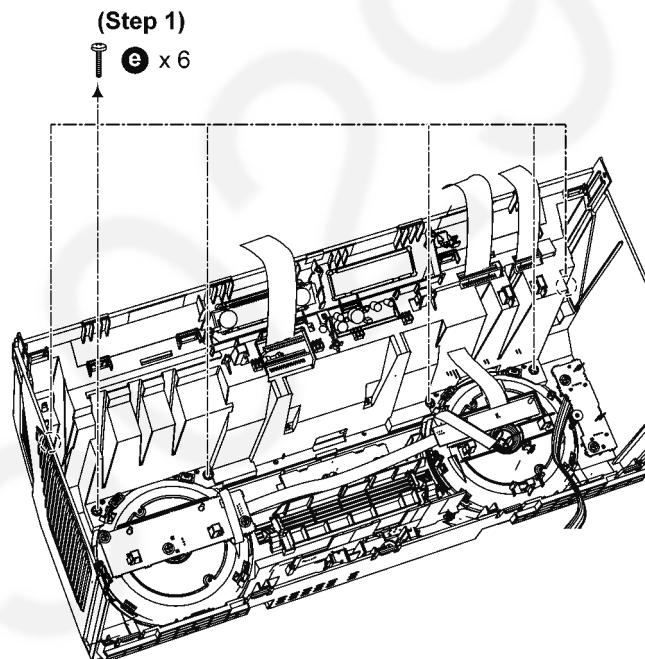
Step 3 Remove Mic P.C.B..



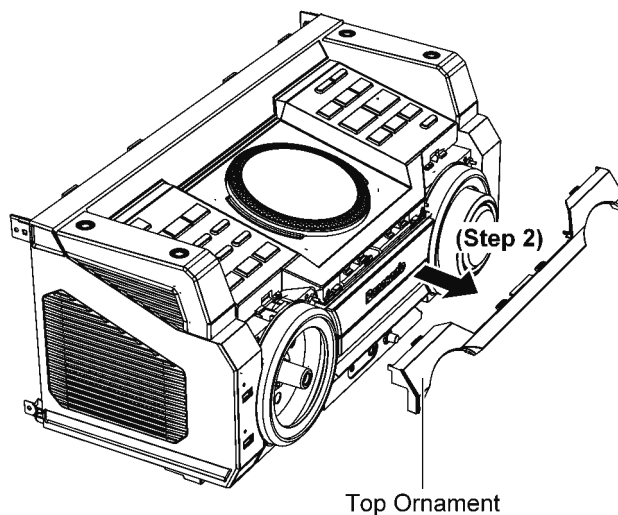
8.15. Disassembly of DJ Cabinet Unit

- Refer to “Disassembly of Top Cabinet”.
- Refer to “Disassembly of Fan Unit”.
- Refer to “Disassembly of Front Panel Unit”.
- Refer to “Disassembly of FL Display P.C.B.”.
- Refer to “Disassembly of Illumination Jog P.C.B.”.
- Refer to “Disassembly of BT&NFC P.C.B.”.

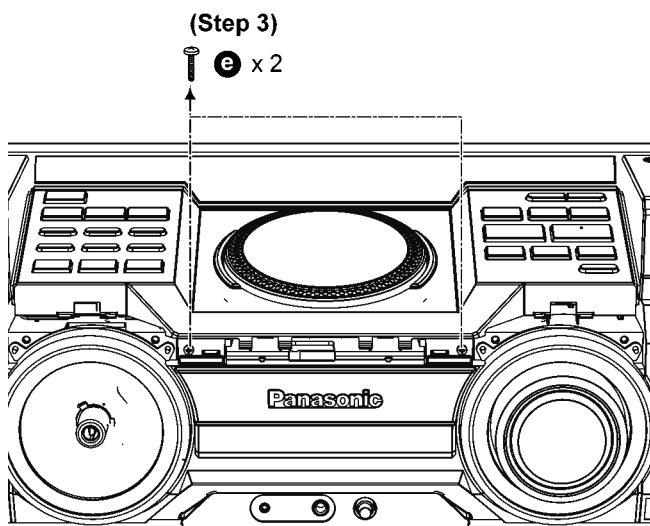
Step 1 Remove 6 screws.



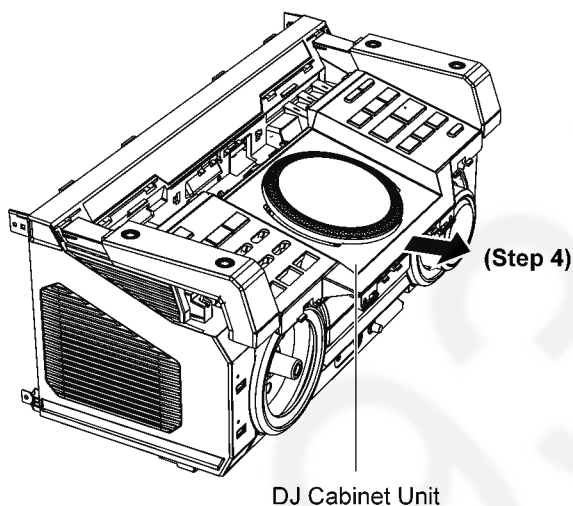
Step 2 Detach Top Ornament.



Step 3 Remove 2 screws.



Step 4 Remove DJ Cabinet Unit.

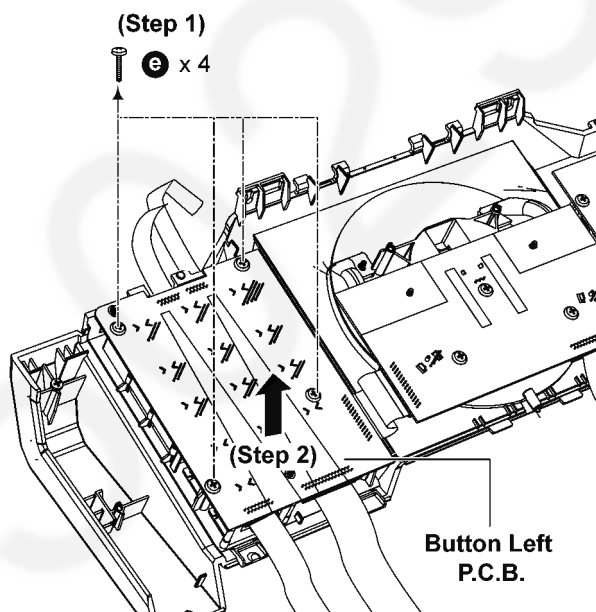


8.16. Disassembly of Button Left P.C.B.

- Refer to "Disassembly of Top Cabinet".
- Refer to "Disassembly of Fan Unit".
- Refer to "Disassembly of Front Panel Unit".
- Refer to "Disassembly of FL Display P.C.B.".
- Refer to "Disassembly of Illumination Jog P.C.B.".
- Refer to "Disassembly of BT&NFC P.C.B.".
- Refer to "Disassembly of DJ Cabinet Unit".

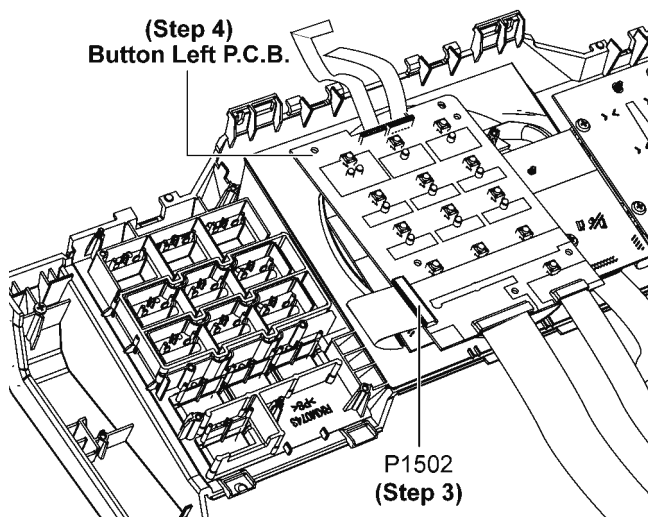
Step 1 Remove 4 screws.

Step 2 Lift up Button Left P.C.B..



Step 3 Detach 22P FFC at connector (P1502) on Button Left P.C.B..

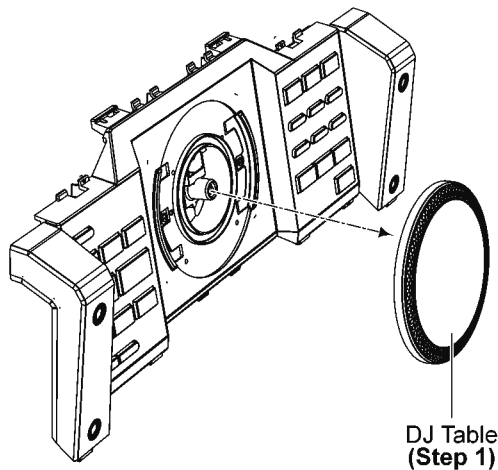
Step 4 Remove Button Left P.C.B..



8.17. Disassembly of Multi Control P.C.B.

- Refer to “Disassembly of Top Cabinet”.
- Refer to “Disassembly of Fan Unit”.
- Refer to “Disassembly of Front Panel Unit”.
- Refer to “Disassembly of FL Display P.C.B.”.
- Refer to “Disassembly of Illumination Jog P.C.B.”.
- Refer to “Disassembly of BT&NFC P.C.B.”.
- Refer to “Disassembly of DJ Cabinet Unit”.

Step 1 Remove DJ Table.

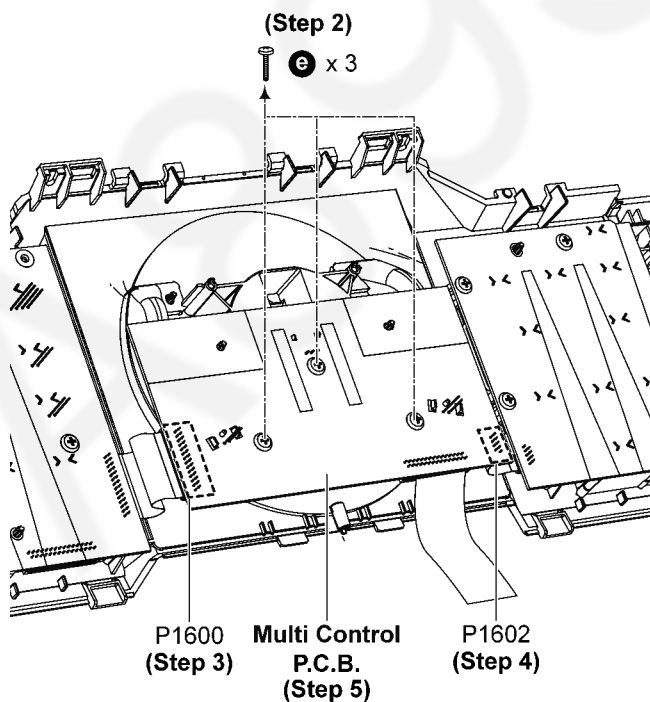


Step 2 Remove 3 screws.

Step 3 Detach 22P FFC at connector (P1600) on Multi Control P.C.B..

Step 4 Detach 5P FFC at connector (P1602) on Multi Control P.C.B..

Step 5 Remove Multi Control P.C.B..

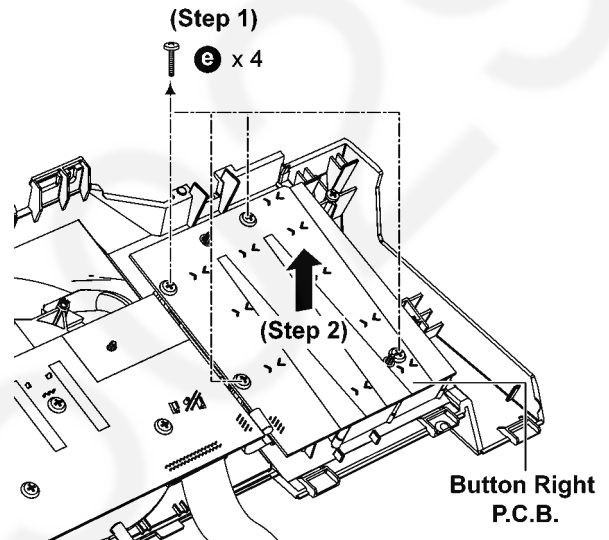


8.18. Disassembly of Button Right P.C.B.

- Refer to “Disassembly of Top Cabinet”.
- Refer to “Disassembly of Fan Unit”.
- Refer to “Disassembly of Front Panel Unit”.
- Refer to “Disassembly of FL Display P.C.B.”.
- Refer to “Disassembly of Illumination Jog P.C.B.”.
- Refer to “Disassembly of BT&NFC P.C.B.”.
- Refer to “Disassembly of DJ Cabinet Unit”.

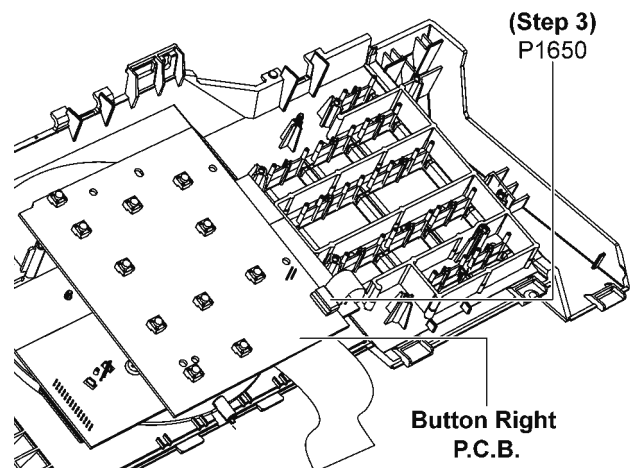
Step 1 Remove 4 screws.

Step 2 Lift up Button Right P.C.B..



Step 3 Detach 5P FFC at connector (P1650) on Button Right P.C.B..

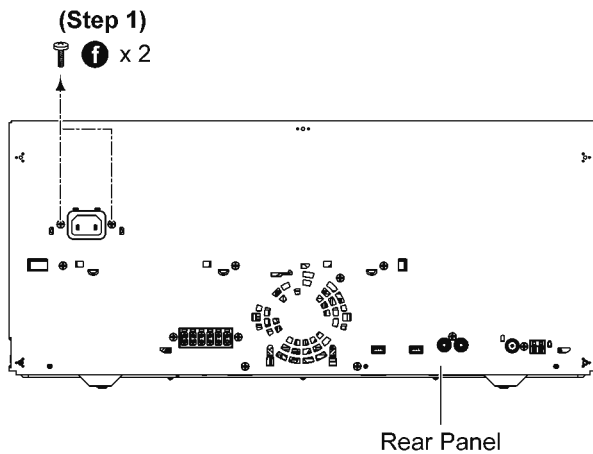
Step 4 Remove Button Right P.C.B..



8.19. Disassembly of SMPS P.C.B.

- Refer to "Disassembly of Top Cabinet".
- Refer to "Disassembly of Fan Unit".
- Refer to "Disassembly of Front Panel Unit".

Step 1 Remove 2 screws.



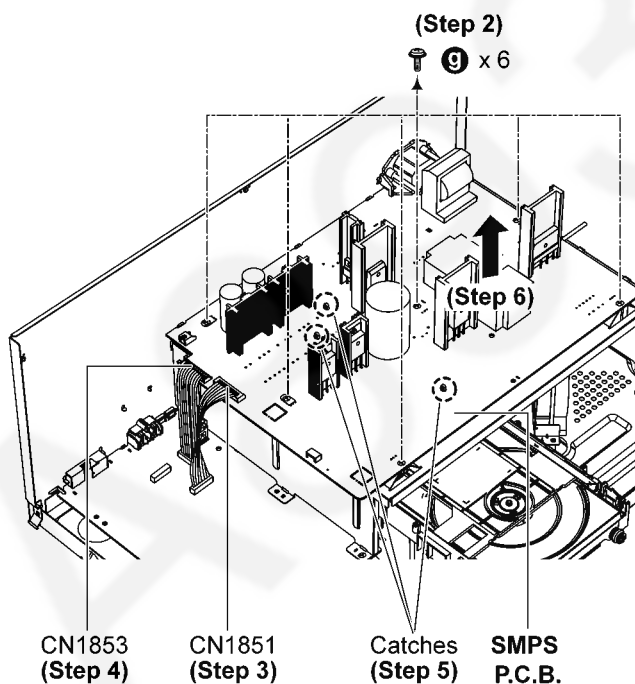
Step 2 Remove 6 screws.

Step 3 Detach 13P Wire at connector (CN1851) on SMPS P.C.B..

Step 4 Detach 10P Wire at connector (CN1853) on SMPS P.C.B..

Step 5 Release catches.

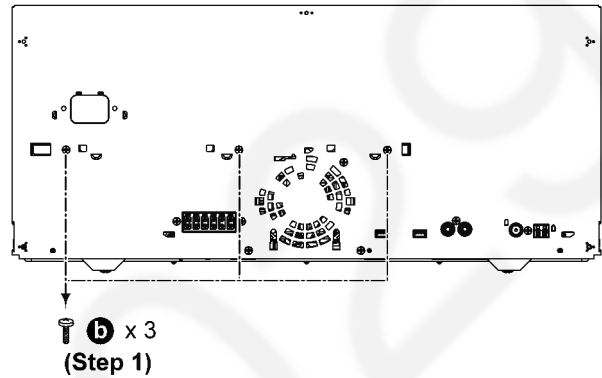
Step 6 Remove SMPS P.C.B..



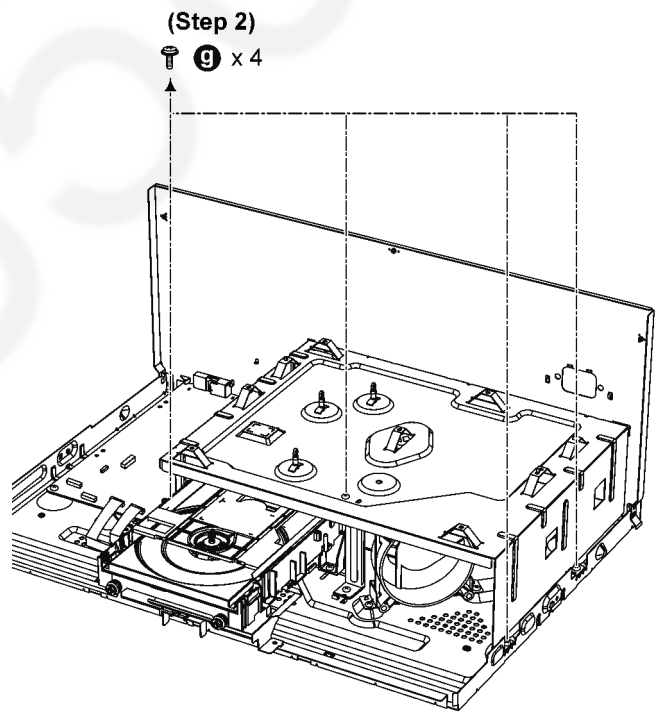
8.20. Disassembly of Inner Chassis Unit

- Refer to "Disassembly of Top Cabinet".
- Refer to "Disassembly of Fan Unit".
- Refer to "Disassembly of Front Panel Unit".
- Refer to "Disassembly of SMPS P.C.B.."

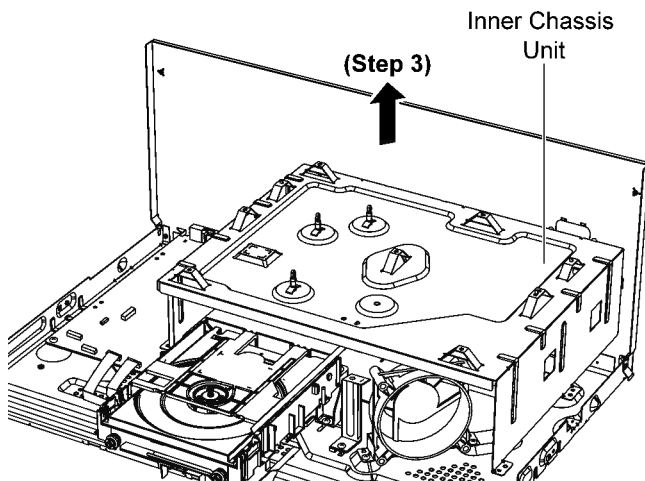
Step 1 Remove 3 screws.



Step 2 Remove 4 screws.



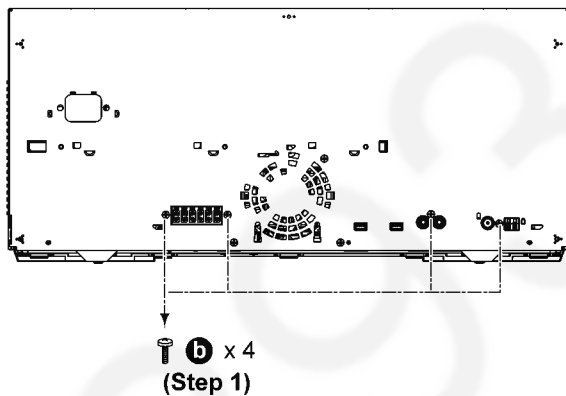
Step 3 Lift up to remove Inner Chassis Unit.



8.21. Disassembly of Main P.C.B.

- Refer to "Disassembly of Top Cabinet".
- Refer to "Disassembly of Fan Unit".
- Refer to "Disassembly of Front Panel Unit".
- Refer to "Disassembly of SMPS P.C.B.".
- Refer to "Disassembly of Inner Chassis Unit".

Step 1 Remove 4 screws.



Step 2 Remove 2 screws.

Step 3 Detach 2P Wire at connector (P8503) on Main P.C.B..

Step 4 Detach 2P Wire at connector (P8502) on Main P.C.B..

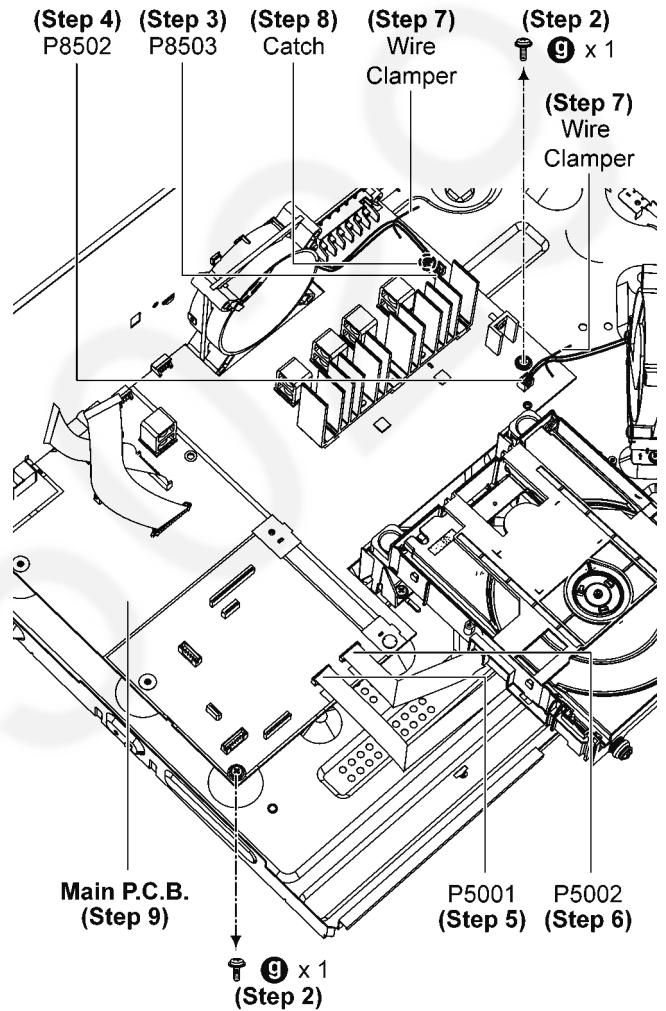
Step 5 Detach 10P FFC at connector (P5001) on Main P.C.B..

Step 6 Detach 24P FFC at connector (P5002) on Main P.C.B..

Step 7 Lift up wire clampers.

Step 8 Release catch.

Step 9 Remove Main P.C.B..



8.22. Disassembly of CD Mechanism Unit

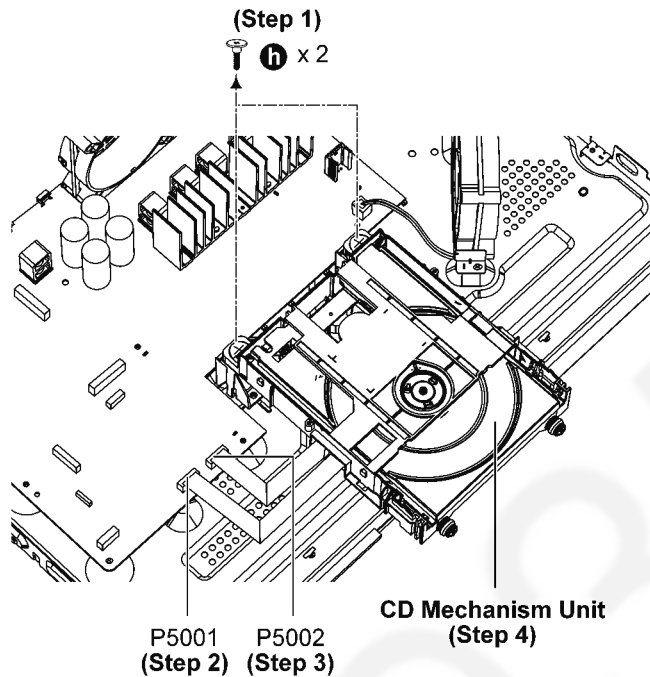
- Refer to "Disassembly of Top Cabinet".
- Refer to "Disassembly of Fan Unit".
- Refer to "Disassembly of Front Panel Unit".
- Refer to "Disassembly of SMPS P.C.B.".
- Refer to "Disassembly of Inner Chassis Unit".

Step 1 Remove 2 screws.

Step 2 Detach 10P FFC at connector (P5001) on Main P.C.B..

Step 3 Detach 24P FFC at connector (P5002) on Main P.C.B..

Step 4 Remove CD Mechanism Unit.



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

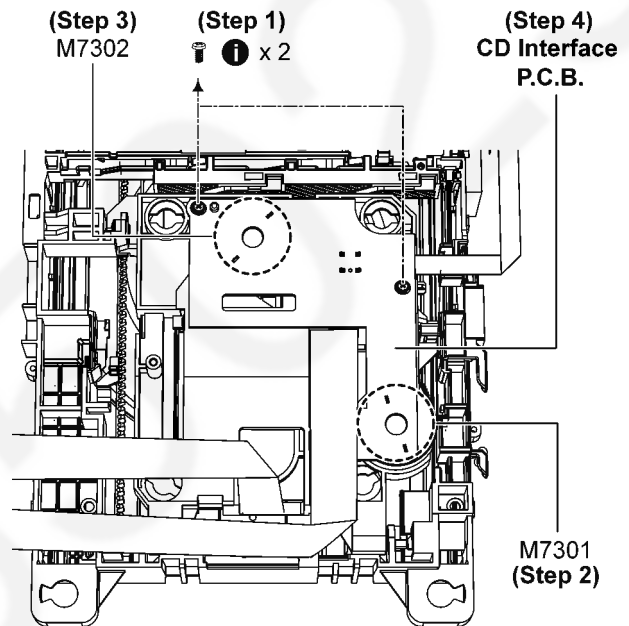
- Refer to "Disassembly of Top Cabinet".
- Refer to "Disassembly of Fan Unit".
- Refer to "Disassembly of Front Panel Unit".
- Refer to "Disassembly of SMPS P.C.B.".
- Refer to "Disassembly of Inner Chassis Unit".
- Refer to "Disassembly of CD Mechanism Unit".

Step 1 Remove 2 screws.

Step 2 Desolder pins of the motor (M7301).

Step 3 Desolder pins of the motor (M7302).

Step 4 Remove CD Interface P.C.B..



9 Service Position

Note: For description of the disassembly procedures, refer Section 8 of the Service Manual.

9.1. Checking of FL Display P.C.B., Button Left P.C.B., Button Right P.C.B. and Multi Control P.C.B.

Step 1 Remove Top Cabinet.

Step 2 Remove Front Panel Unit.

Step 3 Remove Fan Unit.

Step 4 Remove FL Display P.C.B..

Step 5 Remove Illumination Button P.C.B..

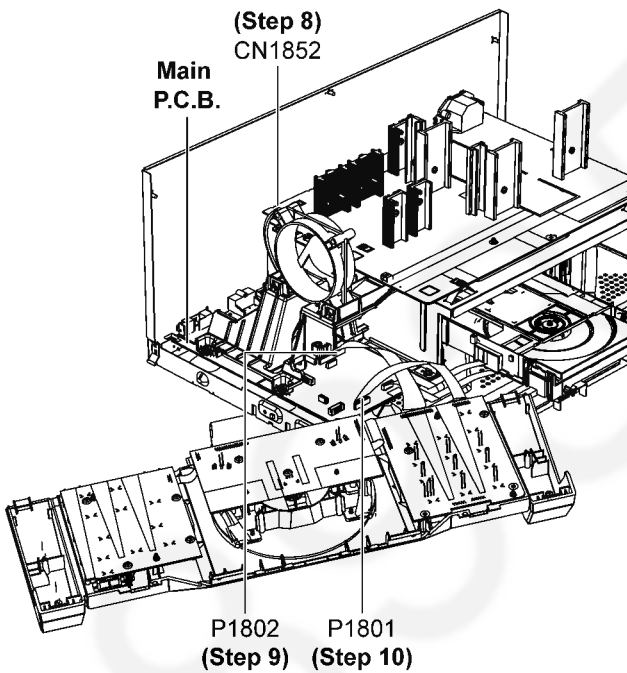
Step 6 Remove BT&NFC P.C.B.

Step 7 Remove DJ Cabinet Unit.

Step 8 Attach 2P Wire at connector (CN1852) on SMPS P.C.B..

Step 9 Attach 30P FFC at connector (P1802) on Main P.C.B..

Step 10 Attach 14P FFC at connector (P1801) on Main P.C.B..

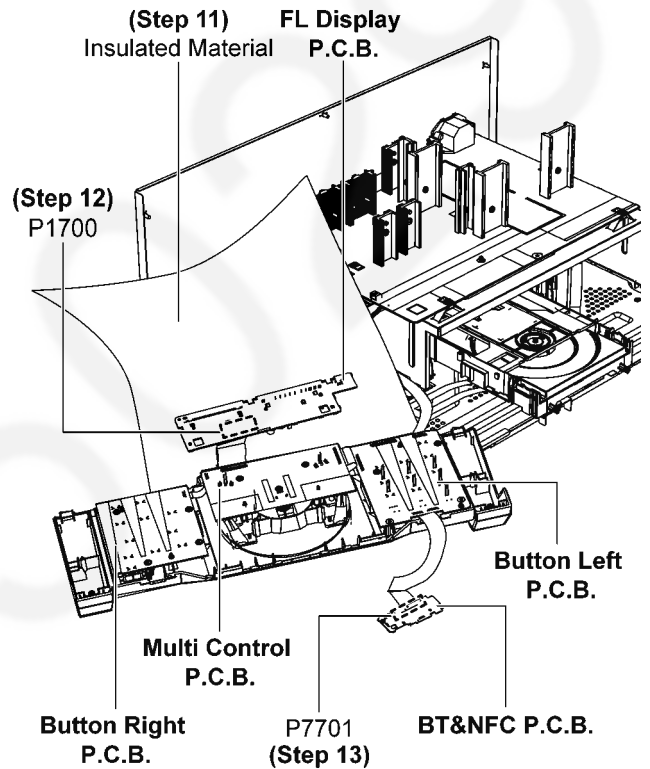


Step 11 Place FL Display P.C.B. on the insulated material as shown.

Step 12 Attach 13P FFC at connector (P1700) on FL Display P.C.B..

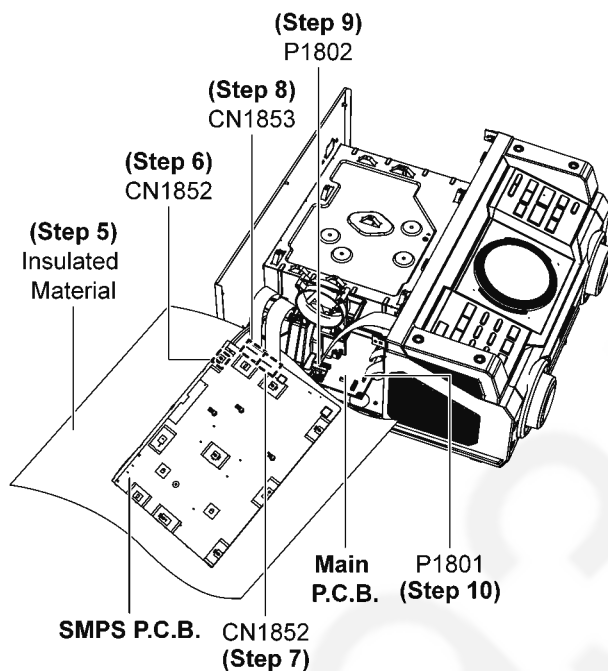
Step 13 Attach 12P FFC at connector (P7701) on BT&NFC P.C.B.

Step 14 FL Display P.C.B., Button Left P.C.B., Button Right P.C.B. and Multi Control P.C.B. can be checked as diagram shown.



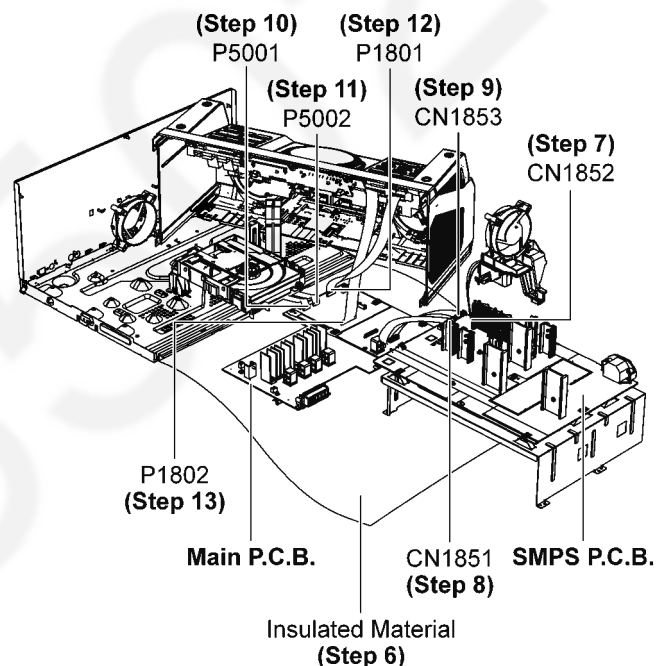
9.2. Checking of SMPS P.C.B.

- Step 1** Remove Top Cabinet.
Step 2 Remove Front Panel Unit.
Step 3 Remove Fan Unit.
Step 4 Remove SMPS P.C.B..
Step 5 Place SMPS P.C.B. on the insulated material as shown.
Step 6 Attach 2P Wire at connector (CN1852) on SMPS P.C.B..
Step 7 Attach 13P Wire at connector (CN1851) on SMPS P.C.B..
Step 8 Attach 10P Wire at connector (CN1853) on SMPS P.C.B..
Step 9 Attach 30P FFC at connector (P1802) on Main P.C.B..
Step 10 Attach 14P FFC at connector (P1801) on Main P.C.B..
Step 11 SMPS P.C.B. can be checked as diagram shown.



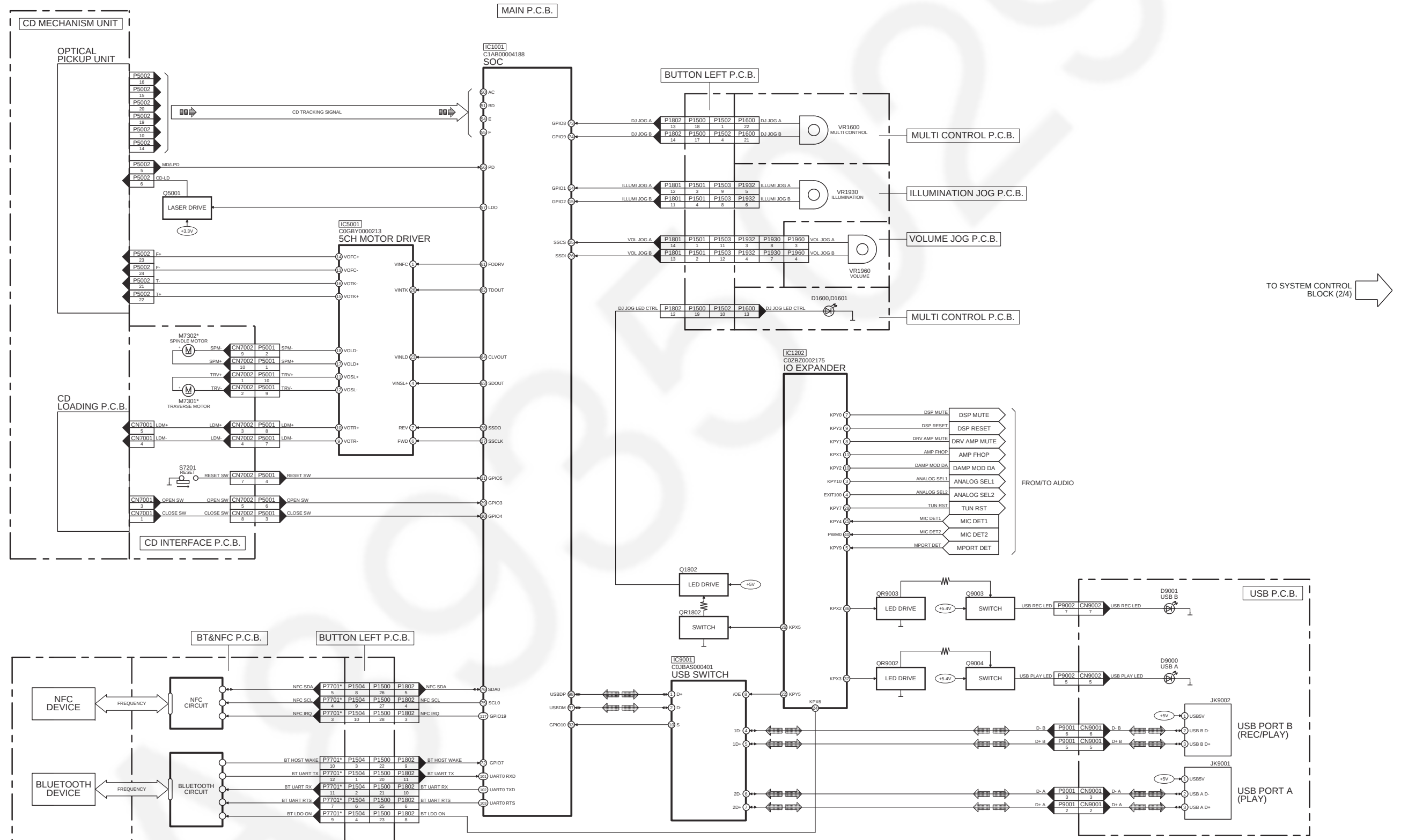
9.3. Checking of Main P.C.B.

- Step 1** Remove Top Cabinet.
Step 2 Remove Front Panel Unit.
Step 3 Remove Fan Unit.
Step 4 Remove Inner Chassis Unit.
Step 5 Remove Main P.C.B..
Step 6 Place Main P.C.B. on the insulated material as shown.
Step 7 Attach 2P Wire at connector (CN1852) on SMPS P.C.B..
Step 8 Attach 13P Wire at connector (CN1851) on SMPS P.C.B..
Step 9 Attach 10P Wire at connector (CN1853) on SMPS P.C.B..
Step 10 Attach 10P FFC at connector (P5001) on Main P.C.B..
Step 11 Attach 24P FFC at connector (P5002) on Main P.C.B..
Step 12 Attach 14P FFC at connector (P1801) on Main P.C.B..
Step 13 Attach 30P FFC at connector (P1802) on Main P.C.B..
Step 14 Main P.C.B. can be checked as diagram shown.



10.1. System Control

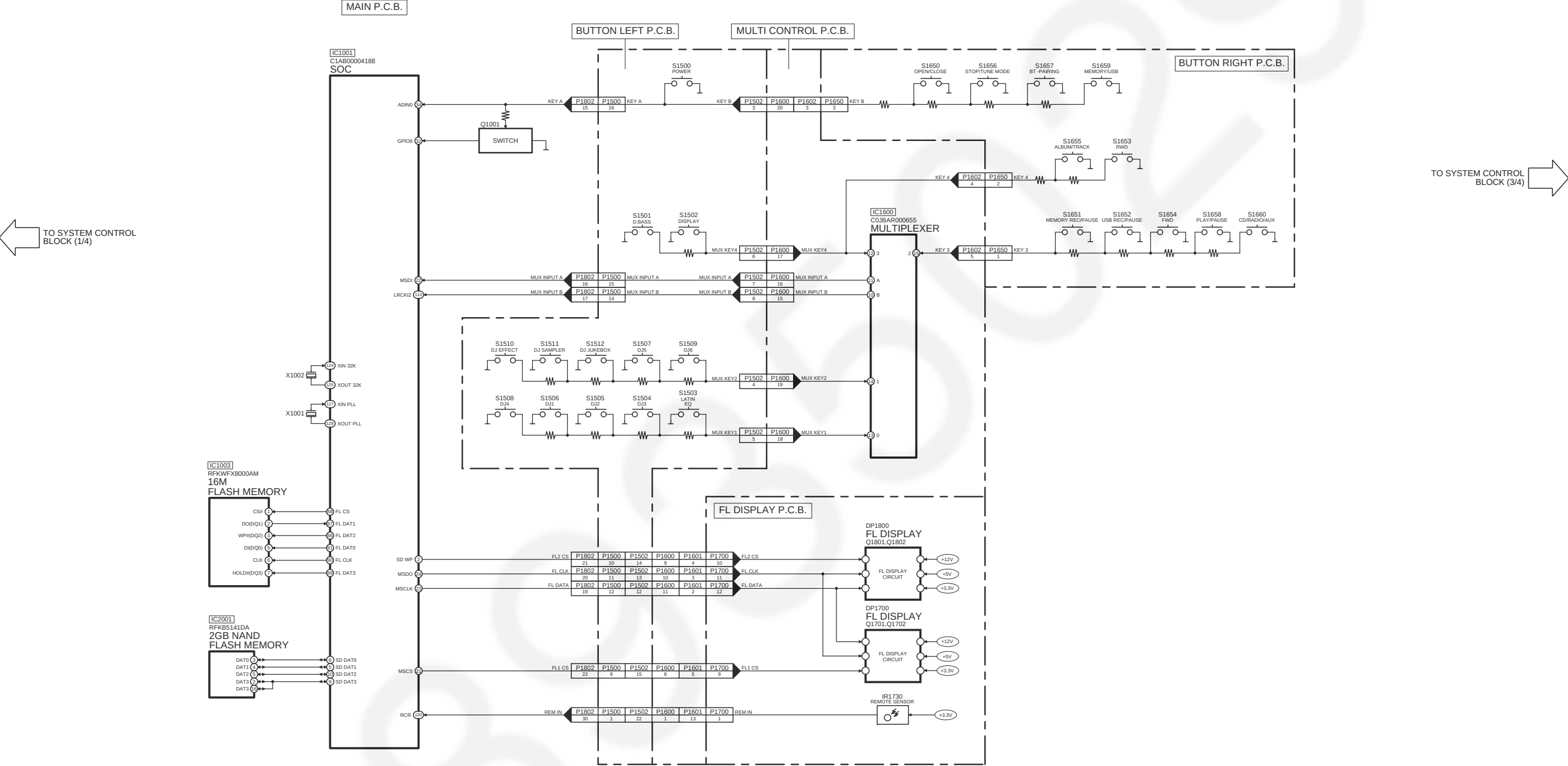
: CD INPUT SIGNAL LINE
 : TUNER/AUX INPUT SIGNAL LINE
 : USB SIGNAL LINE



NOTE: " * " REF IS FOR INDICATION ONLY

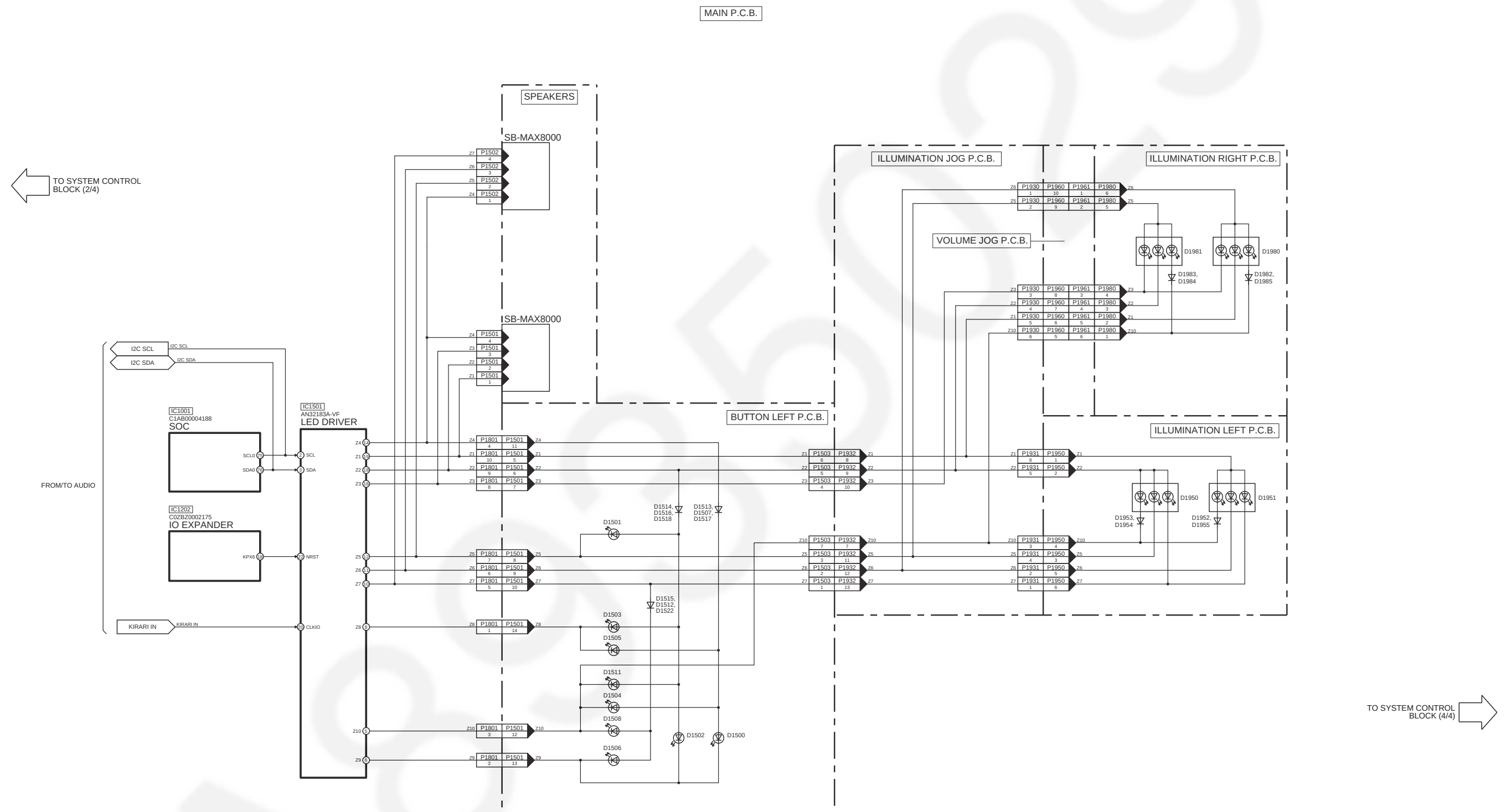
SA-MAX8000GN SYSTEM CONTROL (1/4) BLOCK DIAGRAM

CD INPUT SIGNAL LINE TUNER/AUX INPUT SIGNAL LINE USB SIGNAL LINE



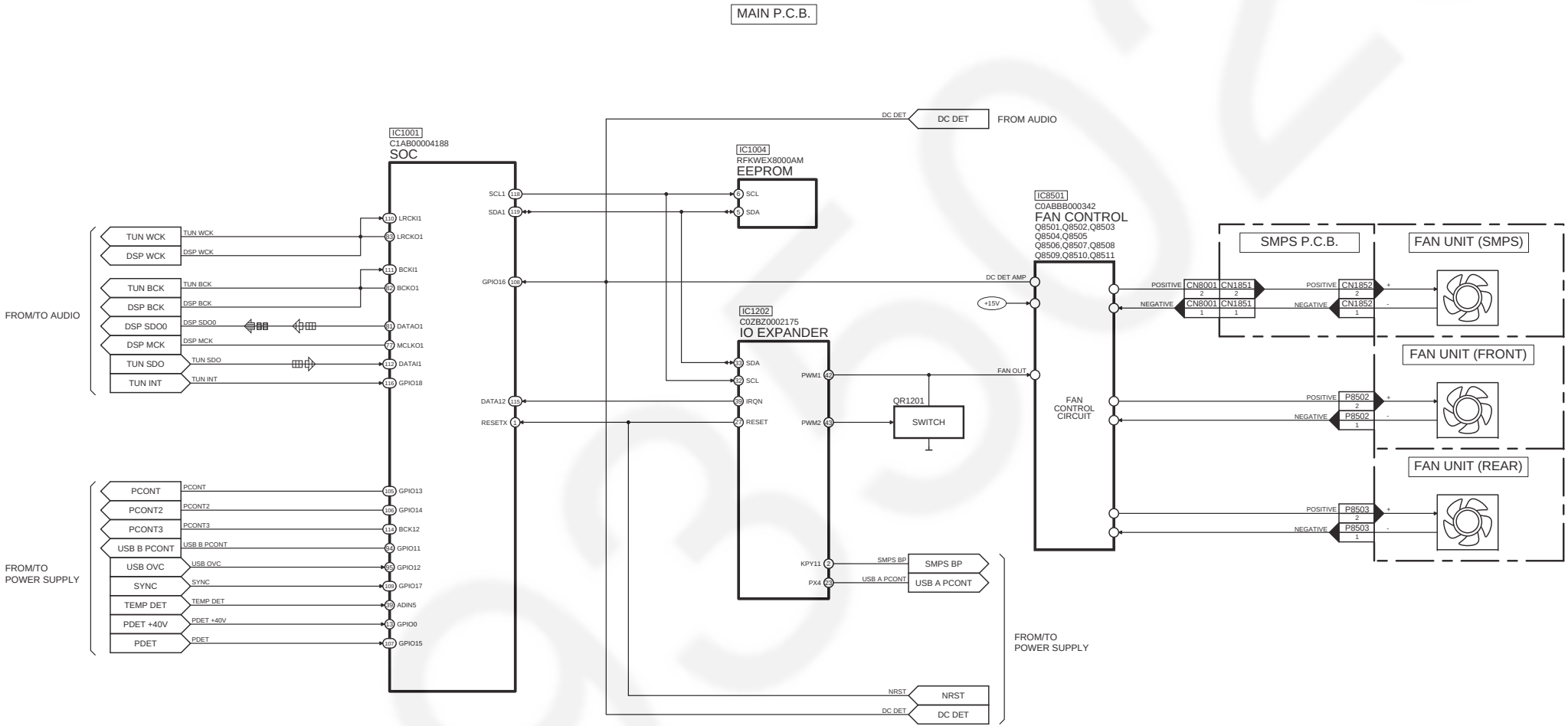
SA-MAX8000GN SYSTEM CONTROL (2/4) BLOCK DIAGRAM

 : CD INPUT SIGNAL LINE
  : TUNER/AUX INPUT SIGNAL LINE
  : USB SIGNAL LINE



SA-MAX8000GN SYSTEM CONTROL (3/4) BLOCK DIAGRAM

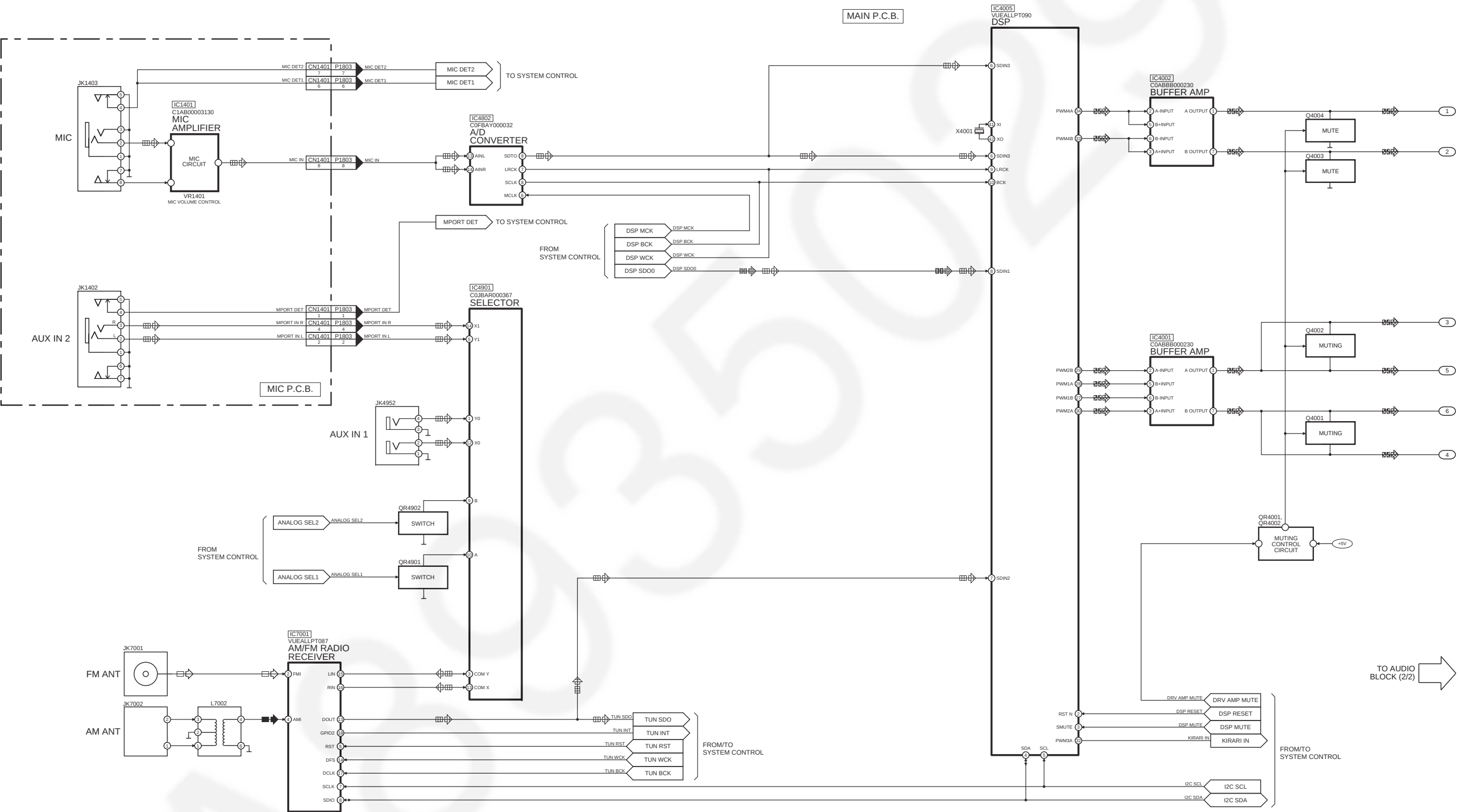
 : CD INPUT SIGNAL LINE
  : TUNER/AUX INPUT SIGNAL LINE
  : USB SIGNAL LINE



SA-MAX8000GN SYSTEM CONTROL (4/4) BLOCK DIAGRAM

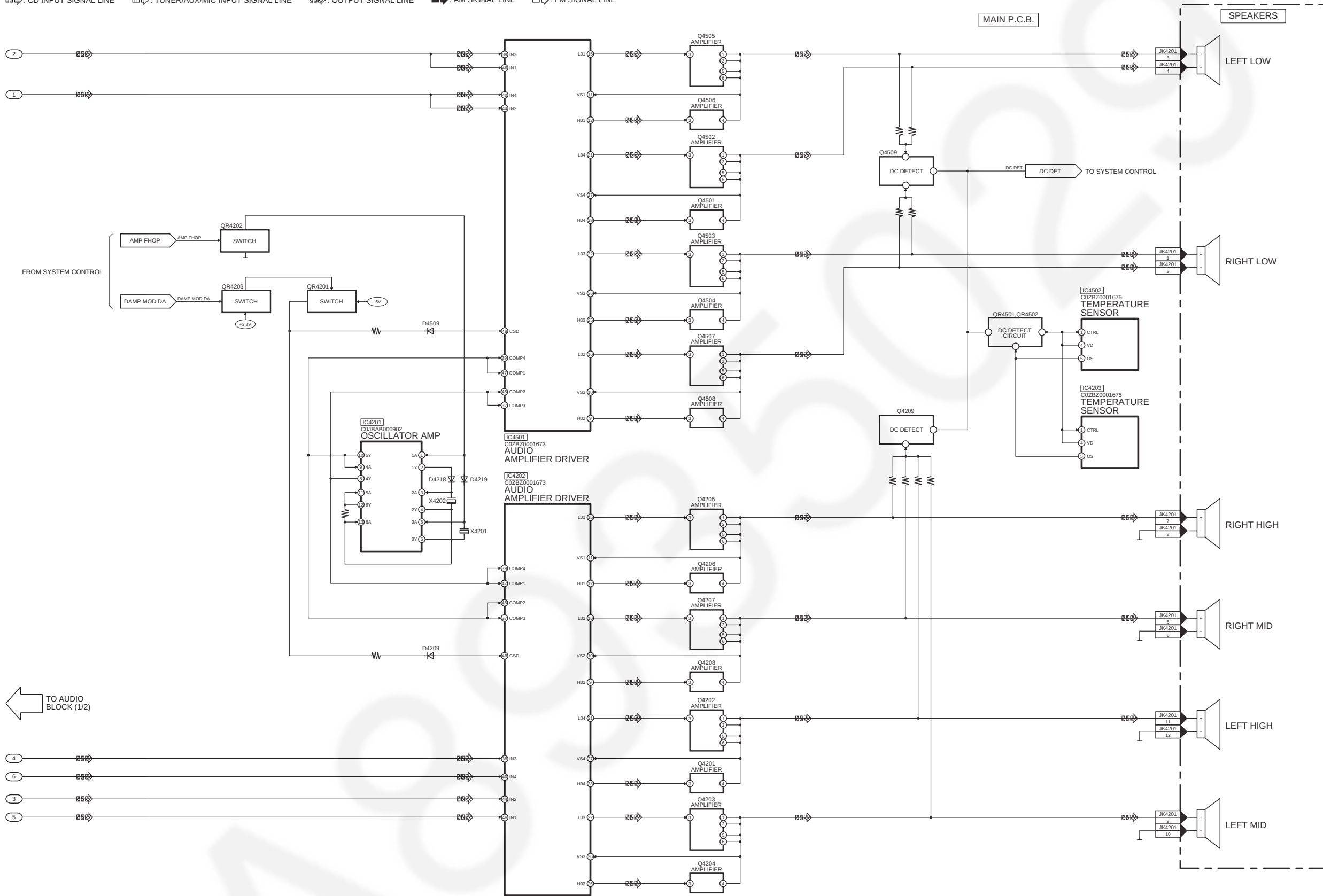
10.2. Audio

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



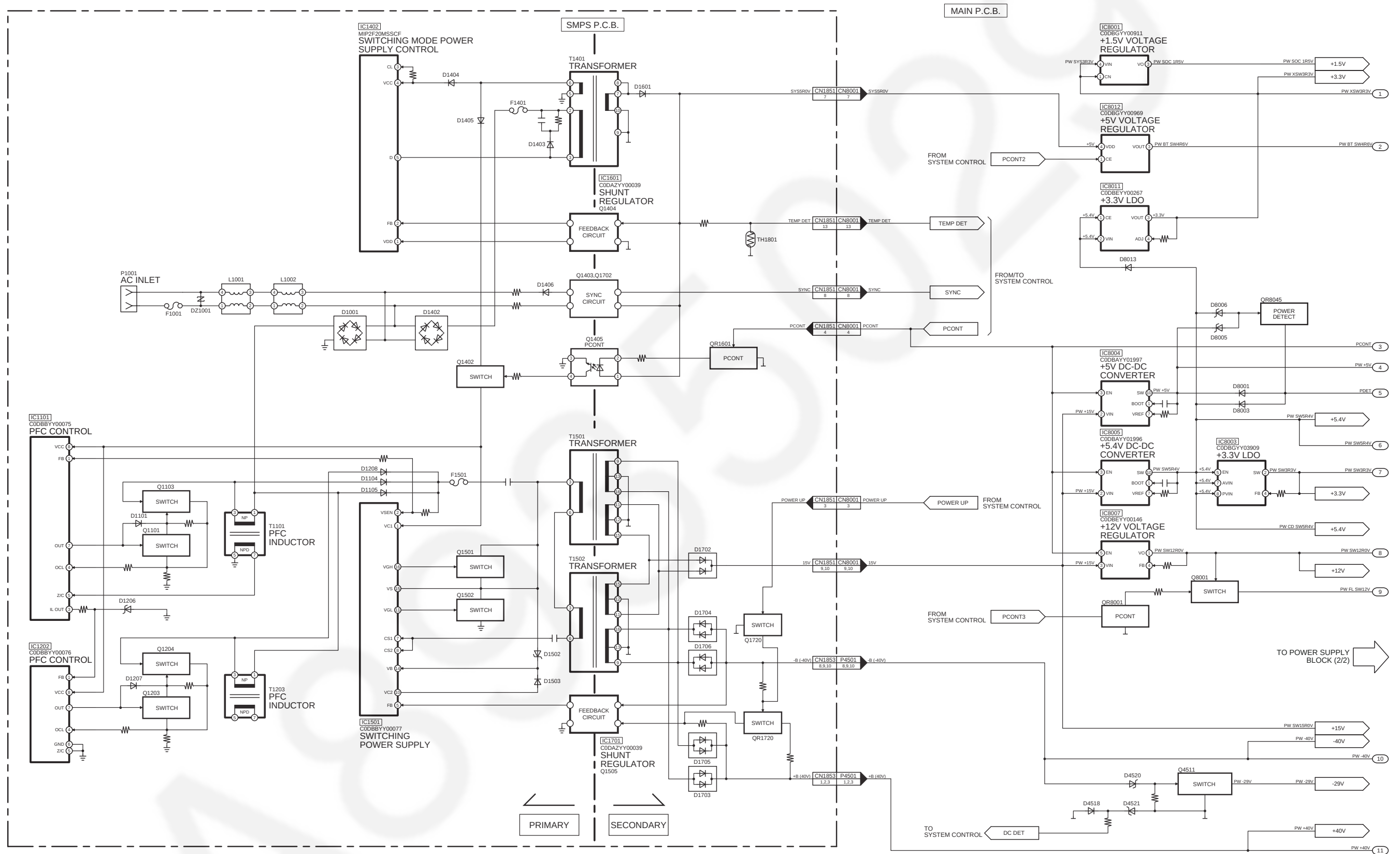
SA-MAX8000GN AUDIO (1/2) BLOCK DIAGRAM

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

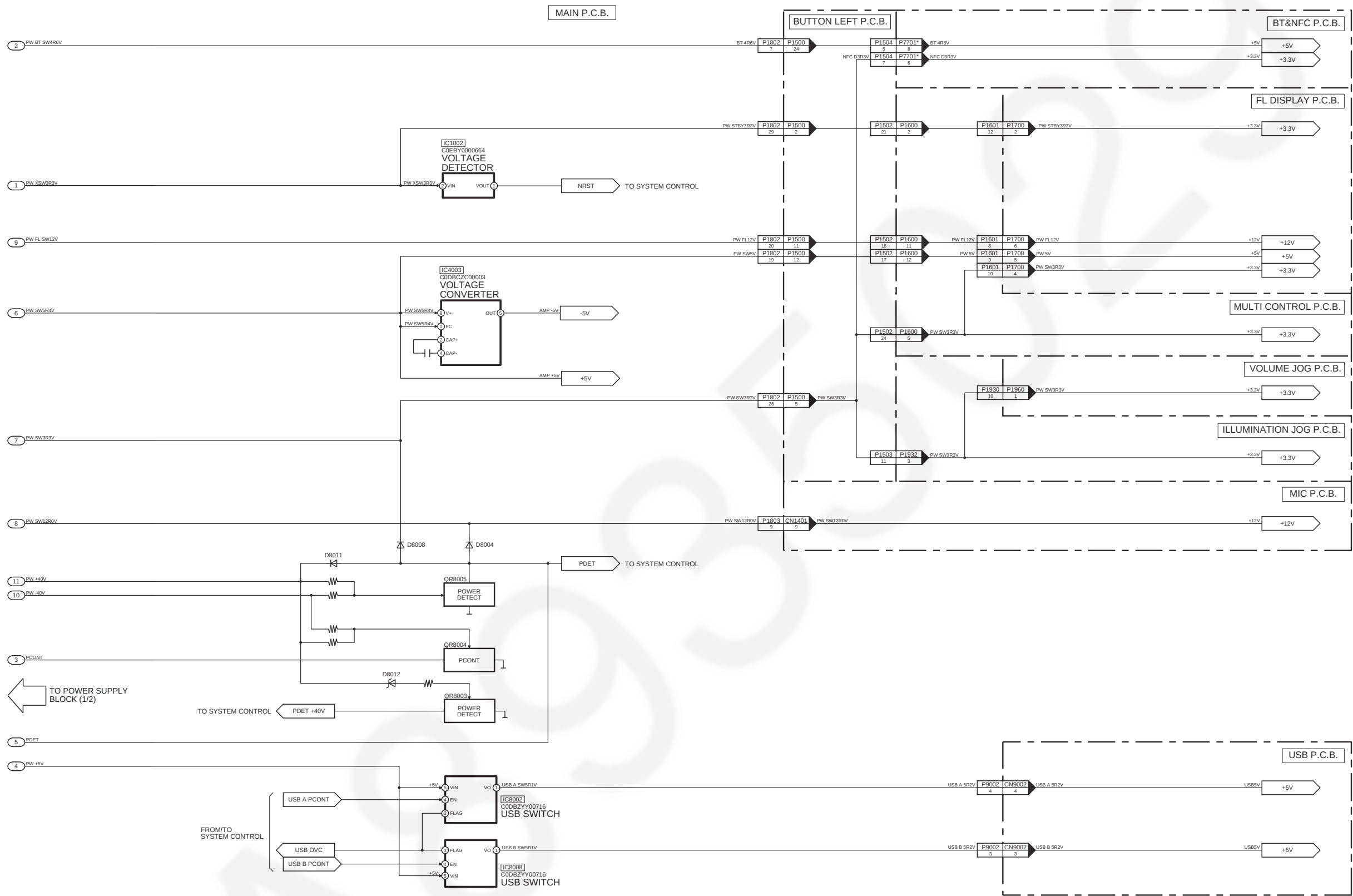


SA-MAX8000GN AUDIO (2/2) BLOCK DIAGRAM

10.3. Power Supply



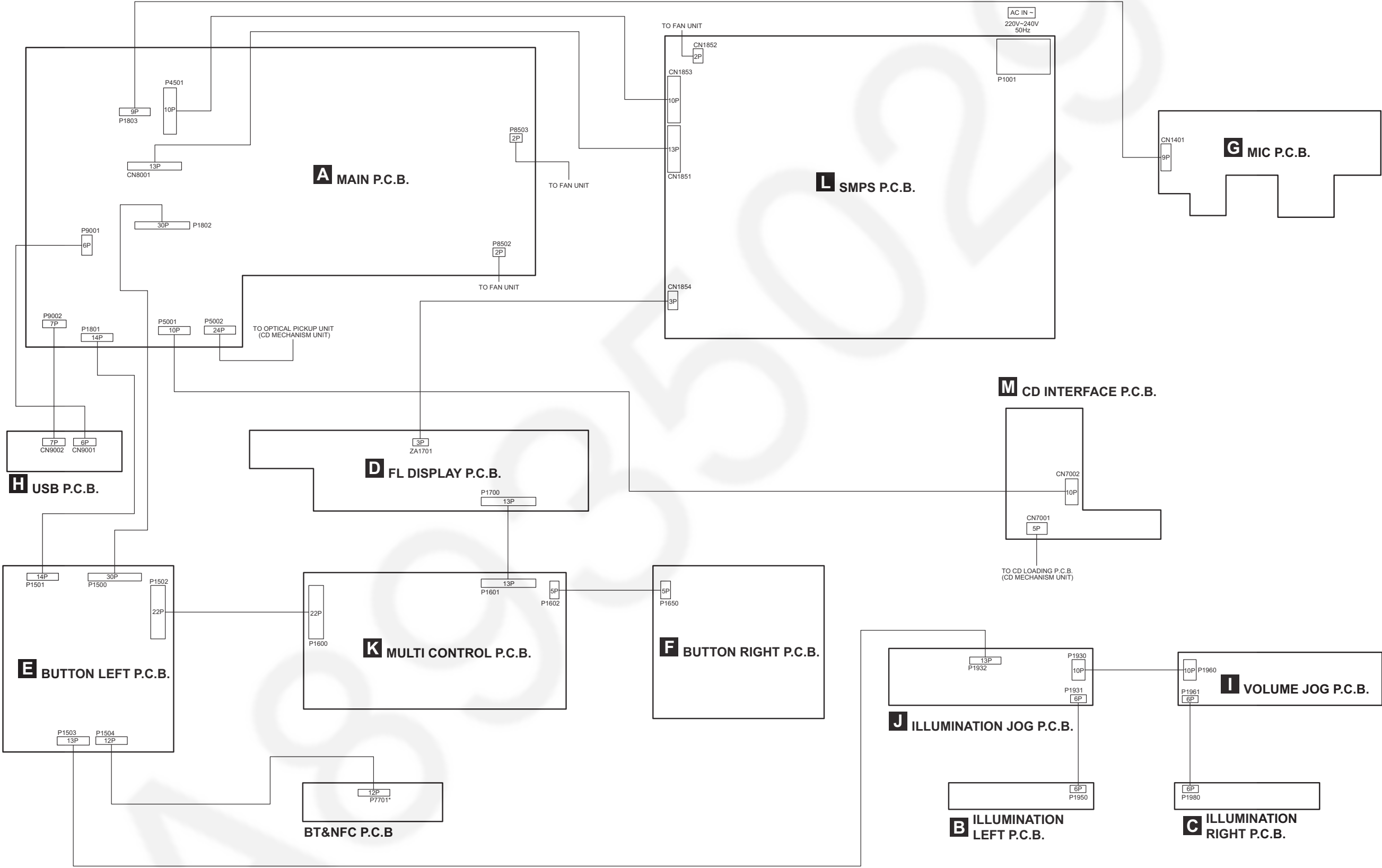
SA-MAX8000GN POWER SUPPLY (1/2) BLOCK DIAGRAM



NOTE: “ * ” REF IS FOR INDICATION ONLY

SA-MAX8000GN POWER SUPPLY (2/2) BLOCK DIAGRAM

11 Wiring Connection Diagram



NOTE: " * " REF IS FOR INDICATION ONLY.

SA-MAX8000GN WIRING CONNECTION DIAGRAM

12 Schematic Diagram

12.1. Schematic Diagram Notes

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

Notes:

S1500:	Power (⏻/⏻) switch.
S1501:	Manual EQ switch.
S1502:	Latin Preset EQ switch.
S1503:	D.BASS/-Superwoofer switch.
S1504:	Memory 3 switch.
S1505:	Memory 2 switch.
S1506:	Memory 1 switch.
S1507:	Memory 5 switch.
S1508:	Memory 4 switch.
S1509:	Memory 6 switch.
S1510:	DJ Effect switch.
S1511:	DJ Sampler switch.
S1512:	DJ Jukebox switch.
S1650:	Open/Close switch.
S1651:	USB Rec switch.
S1652:	Memory Rec switch.
S1653:	Rewind/Skip (⏮ / ⏮) switch.
S1654:	Forward/Skip (⏭ / ⏭) switch.
S1655:	Album/Track switch.
S1656:	Stop (■) /Tune switch.
S1657:	Bluetooth/Memory switch.
S1658:	Playback switch.
S1659:	USB/CD switch.
S1660:	Radio/EXT-IN switch.
S7201:	Reset switch.
VR1401:	Mic Jog.
VR1600:	Multi Control Jog.
VR1930:	Illumination Jog.
VR1960:	Volume 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:

C1001, C1002, C1003, C1004, C1006, C1518

- **Resistor**

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

- **Capacitor**

Unit of capacitance is μF, 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
⏮⏭	: Tuner/AUX/Mic 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 F1001 T10AH 250V FUSE
TYPE F1401 T500mA 250V FUSE
TYPE F1501 T5A 250V FUSE



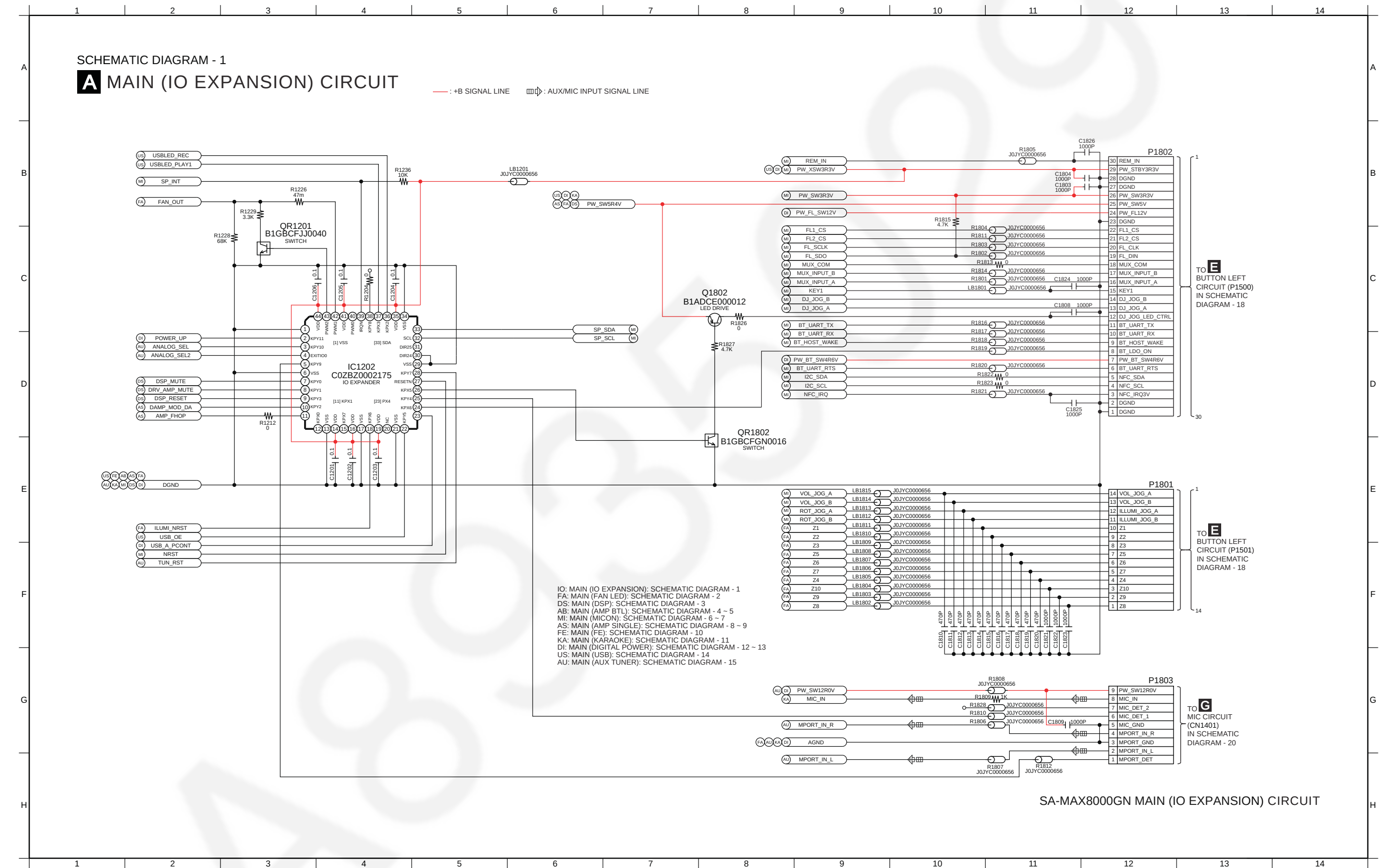
RISK OF FIRE-REPLACE FUSE AS MARKED.

FUSE CAUTION

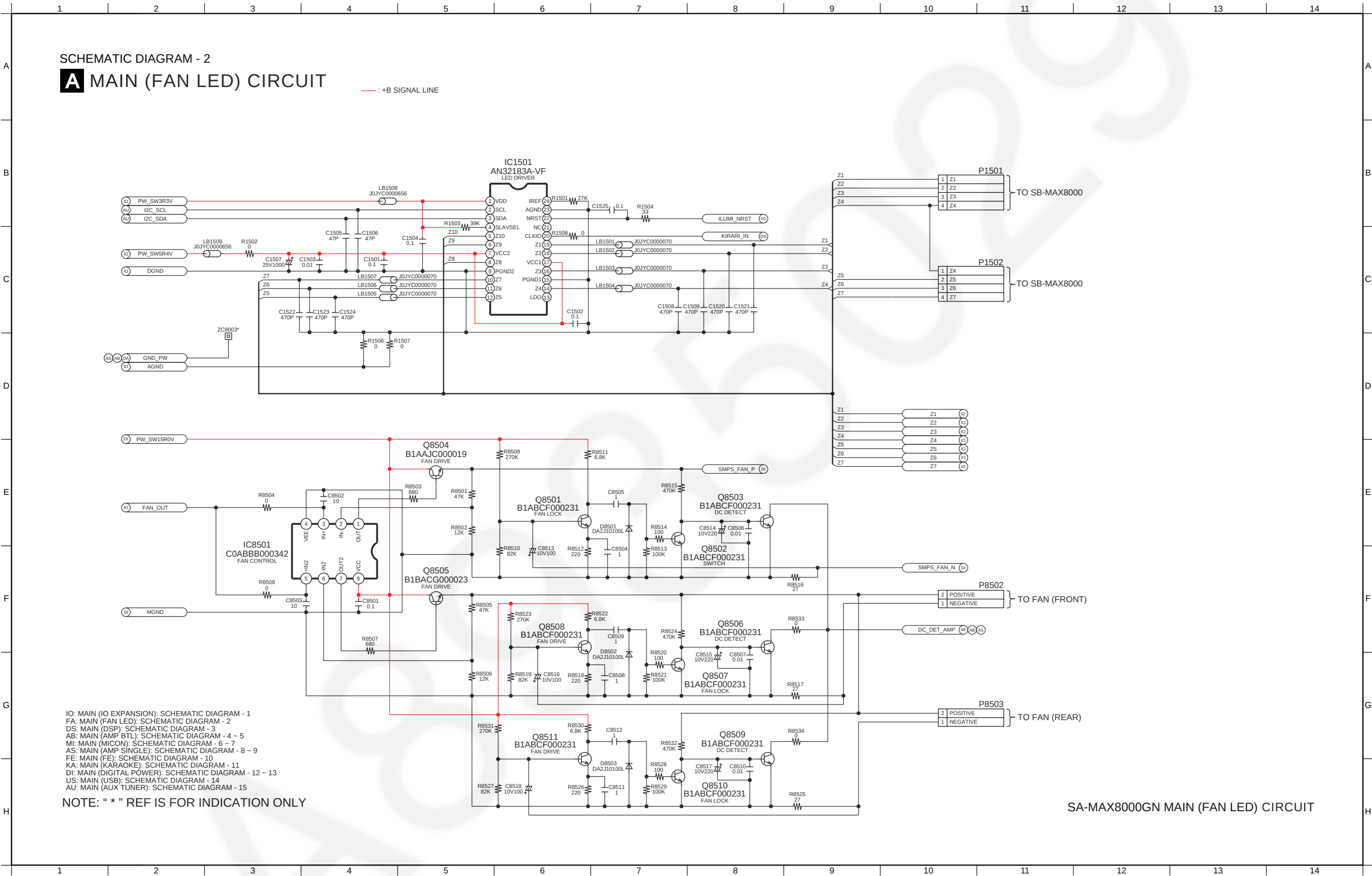


These symbols located near the fuse indicates that the fuse used is a fast operating type. For continued protection against fire hazard, replace with the same type fuse. For rating, refer to the marking adjacent to the symbol.

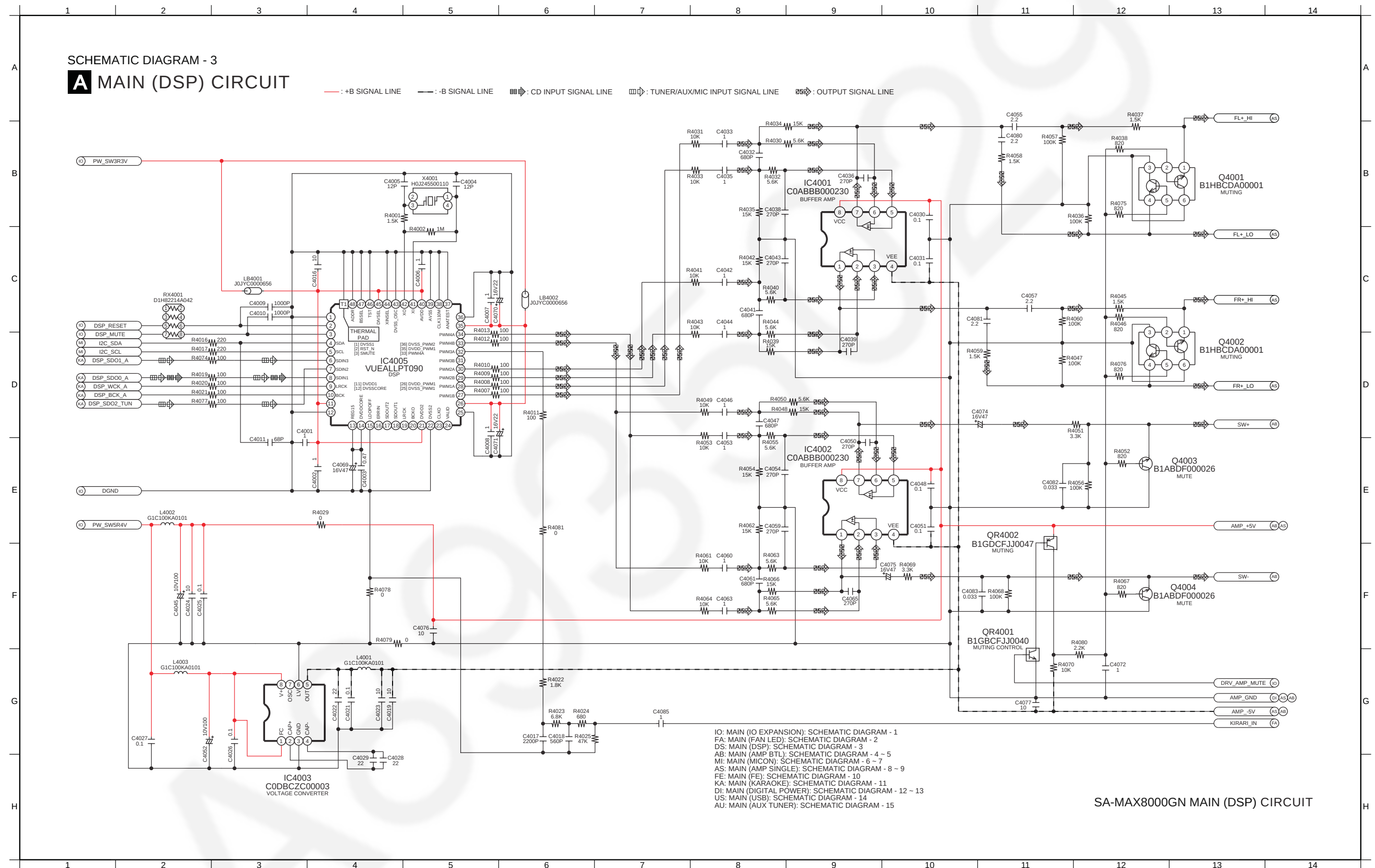
12.2. Main (IO Expansion) Circuit



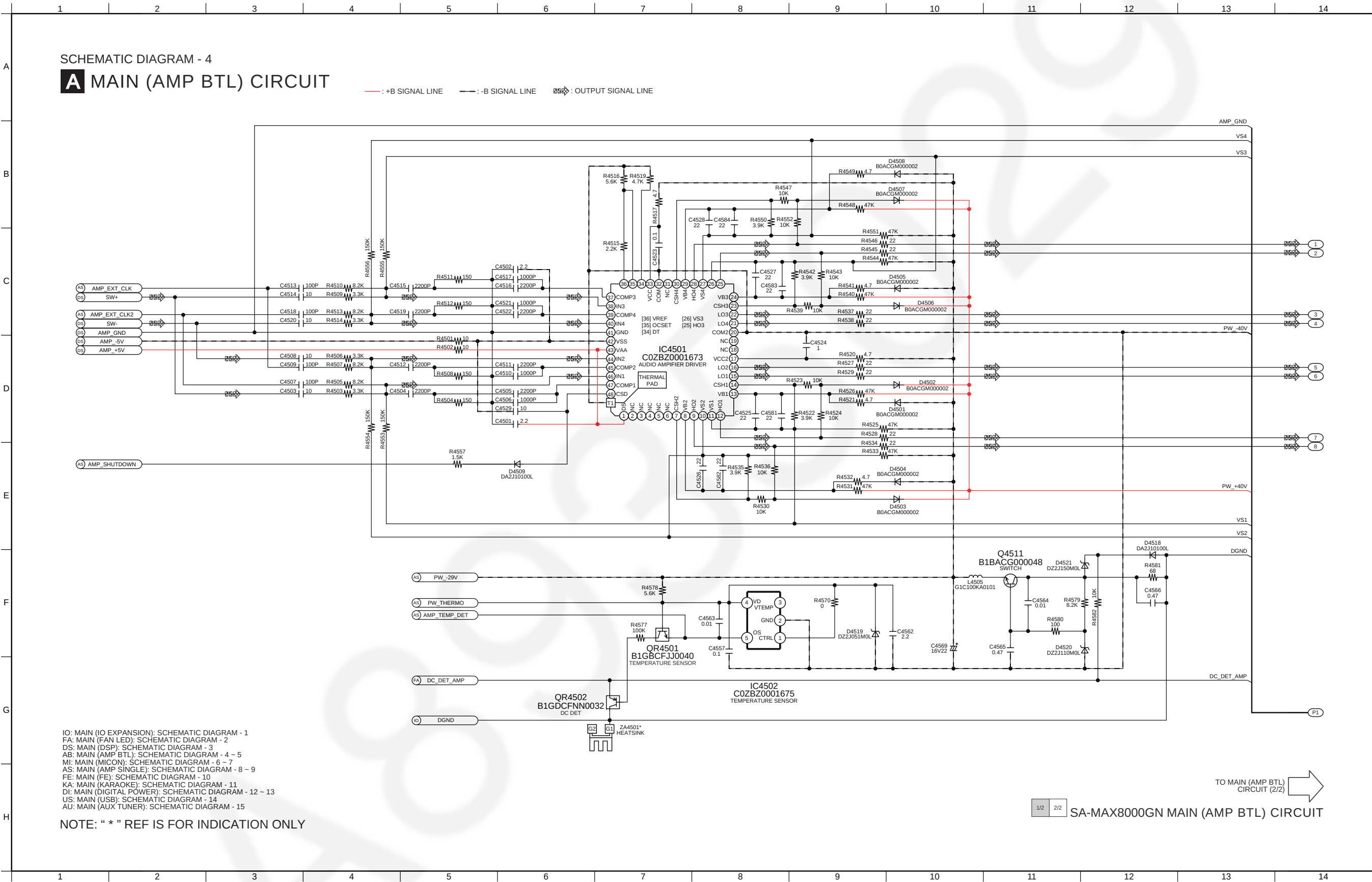
12.3. Main (Fan LED) Circuit



12.4. Main (DSP) Circuit



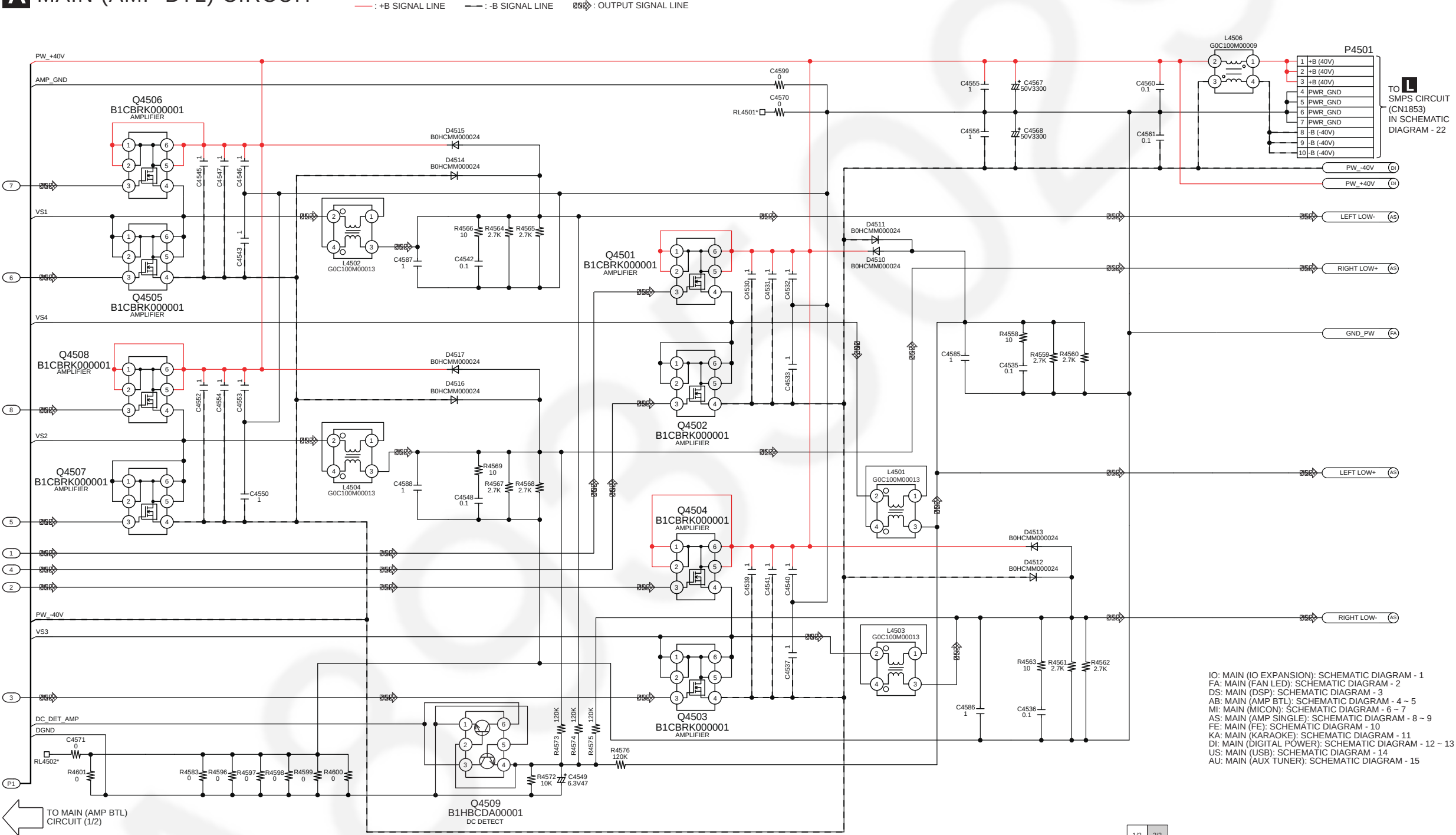
12.5. Main (Amp BTL) Circuit (1/2)



12.6. Main (Amp BTL) Circuit (2/2)

SCHEMATIC DIAGRAM - 5

A MAIN (AMP BTL) CIRCUIT

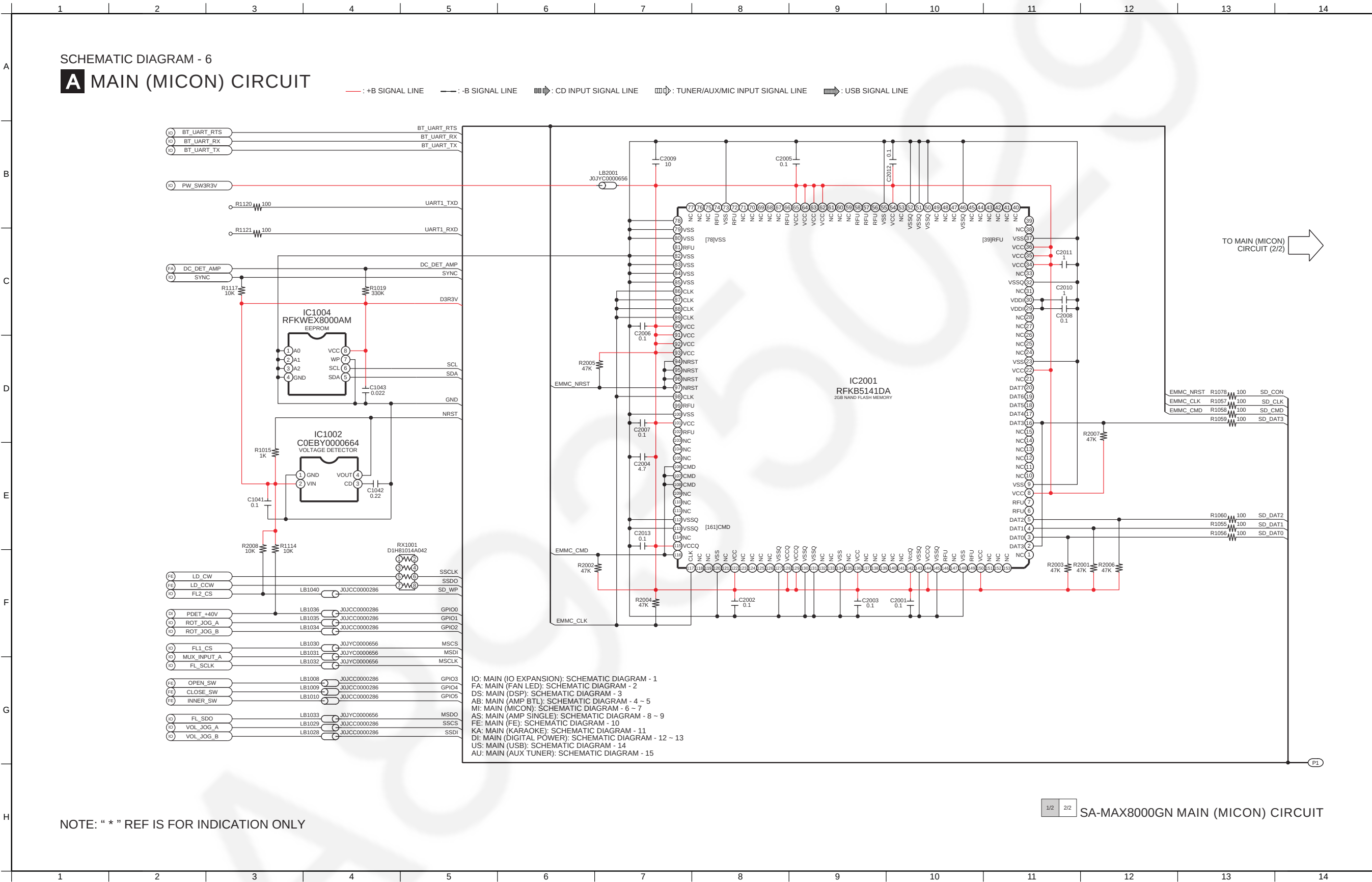


NOTE: " * " REF IS FOR INDICATION ONLY

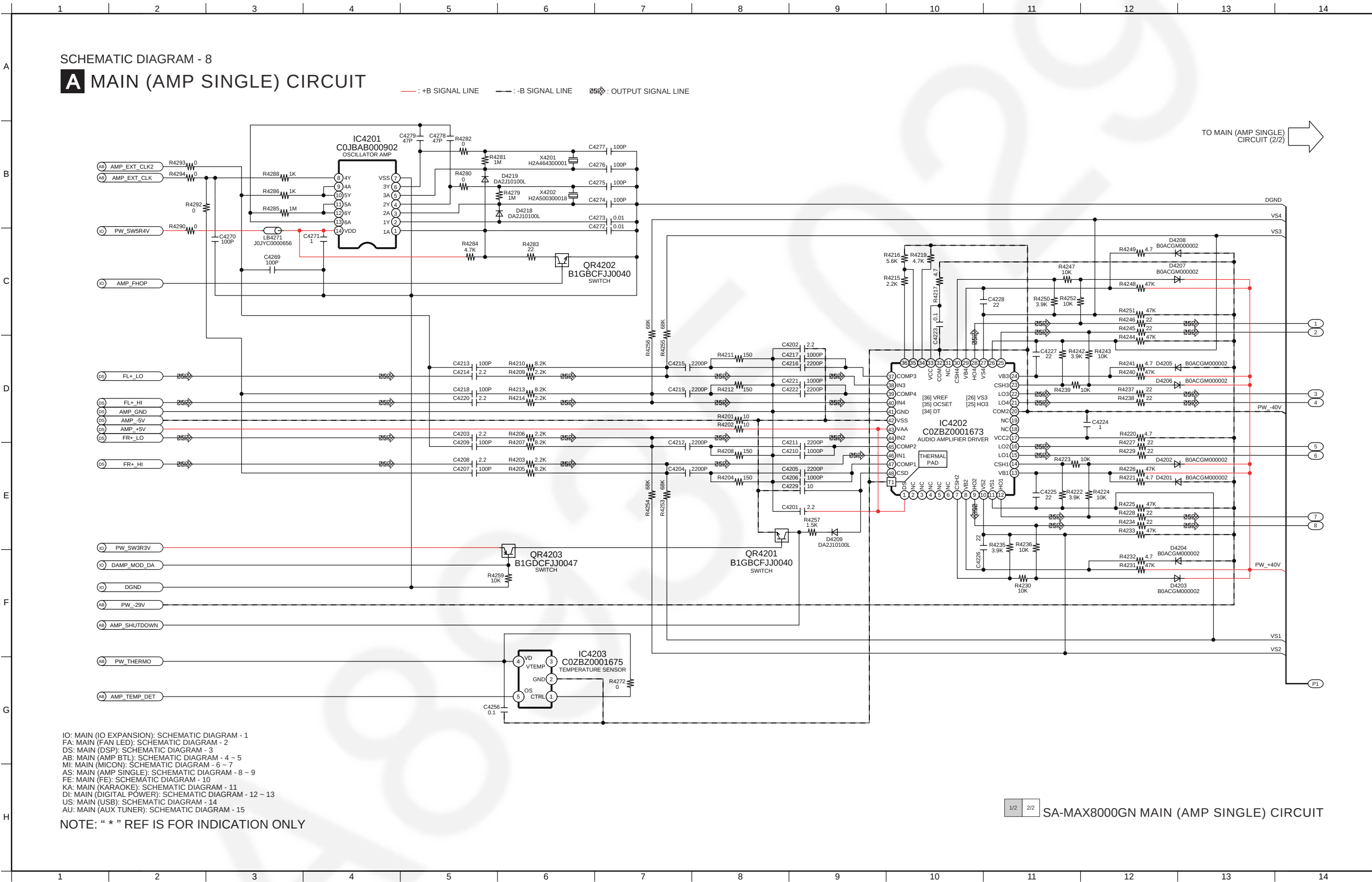
IO: MAIN (IO EXPANSION): SCHEMATIC DIAGRAM - 1
FA: MAIN (FAN LED): SCHEMATIC DIAGRAM - 2
DS: MAIN (DSP): SCHEMATIC DIAGRAM - 3
AB: MAIN (AMP BTL): SCHEMATIC DIAGRAM - 4 ~ 5
MI: MAIN (MICON): SCHEMATIC DIAGRAM - 6 ~ 7
AS: MAIN (AMP SINGLE): SCHEMATIC DIAGRAM - 8 ~ 9
FE: MAIN (FE): SCHEMATIC DIAGRAM - 10
KA: MAIN (KARAOKE): SCHEMATIC DIAGRAM - 11
DI: MAIN (DIGITAL POWER): SCHEMATIC DIAGRAM - 12 ~ 13
US: MAIN (USB): SCHEMATIC DIAGRAM - 14
AU: MAIN (AUX TUNER): SCHEMATIC DIAGRAM - 15

1/2 2/2 SA-MAX8000GN MAIN (AMP BTL) CIRCUIT

12.7. Main (MICON) Circuit (1/2)



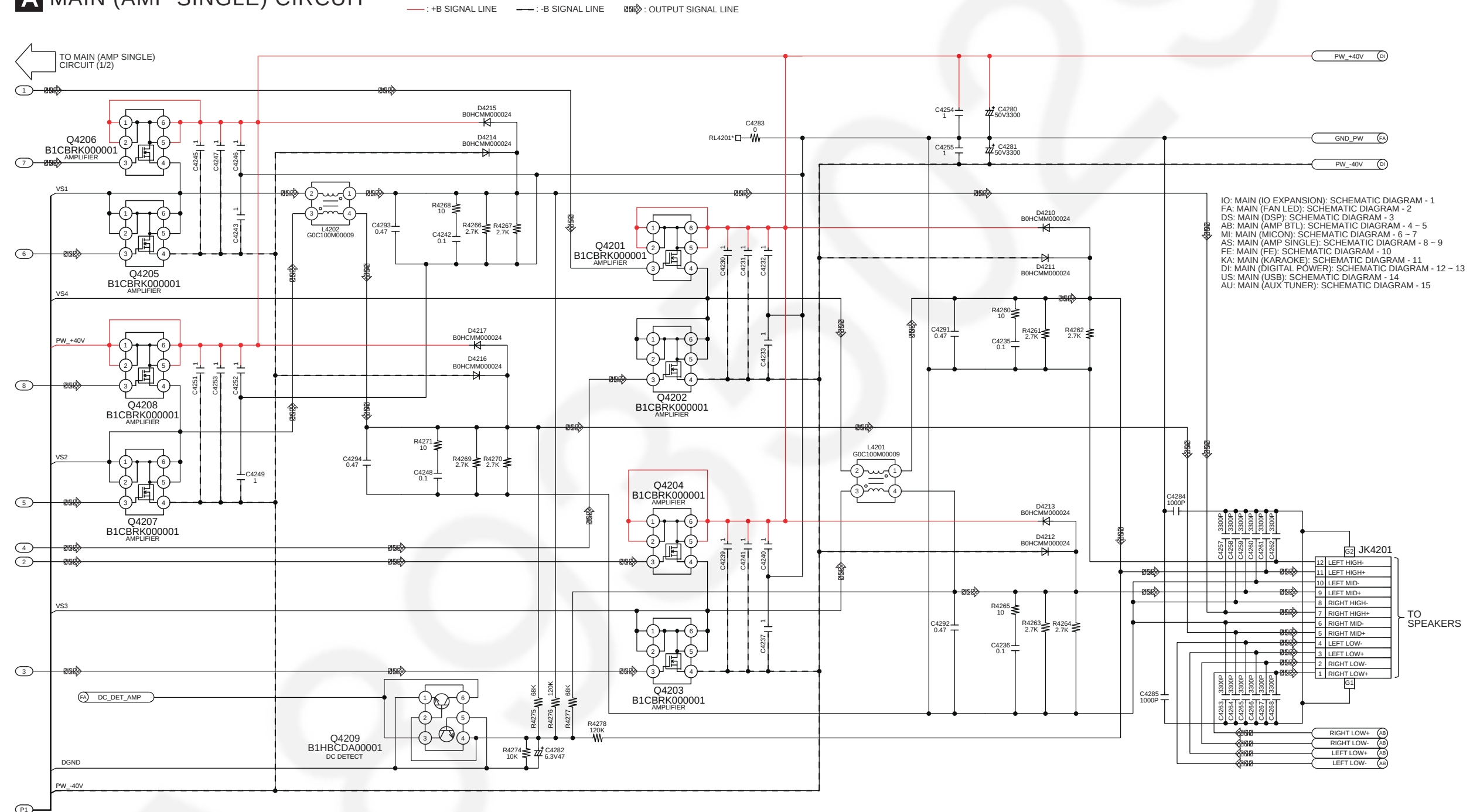
12.9. Main (Amp Single) Circuit (1/2)



12.10. Main (Amp Single) Circuit (2/2)

SCHEMATIC DIAGRAM - 9

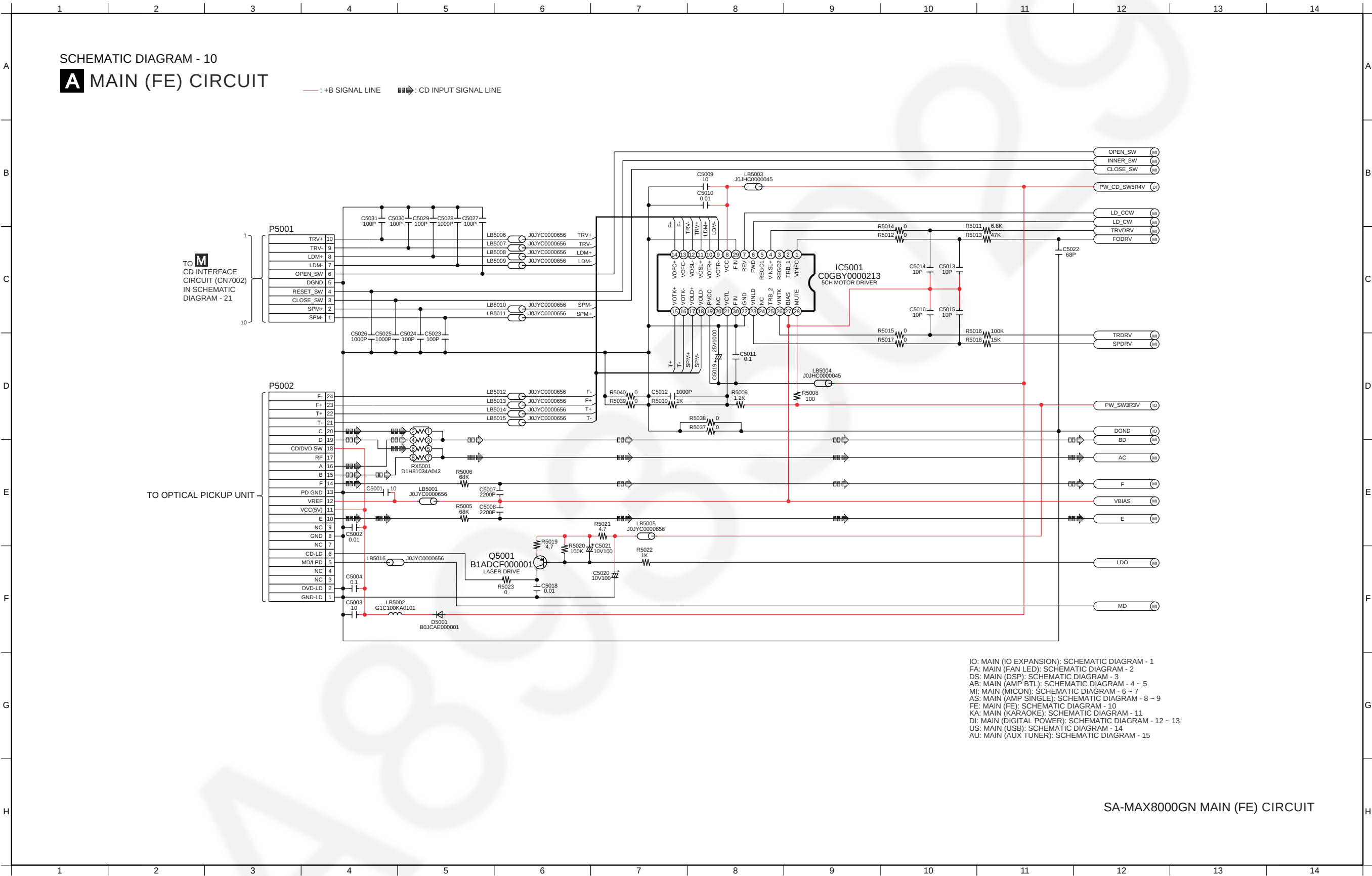
A MAIN (AMP SINGLE) CIRCUIT



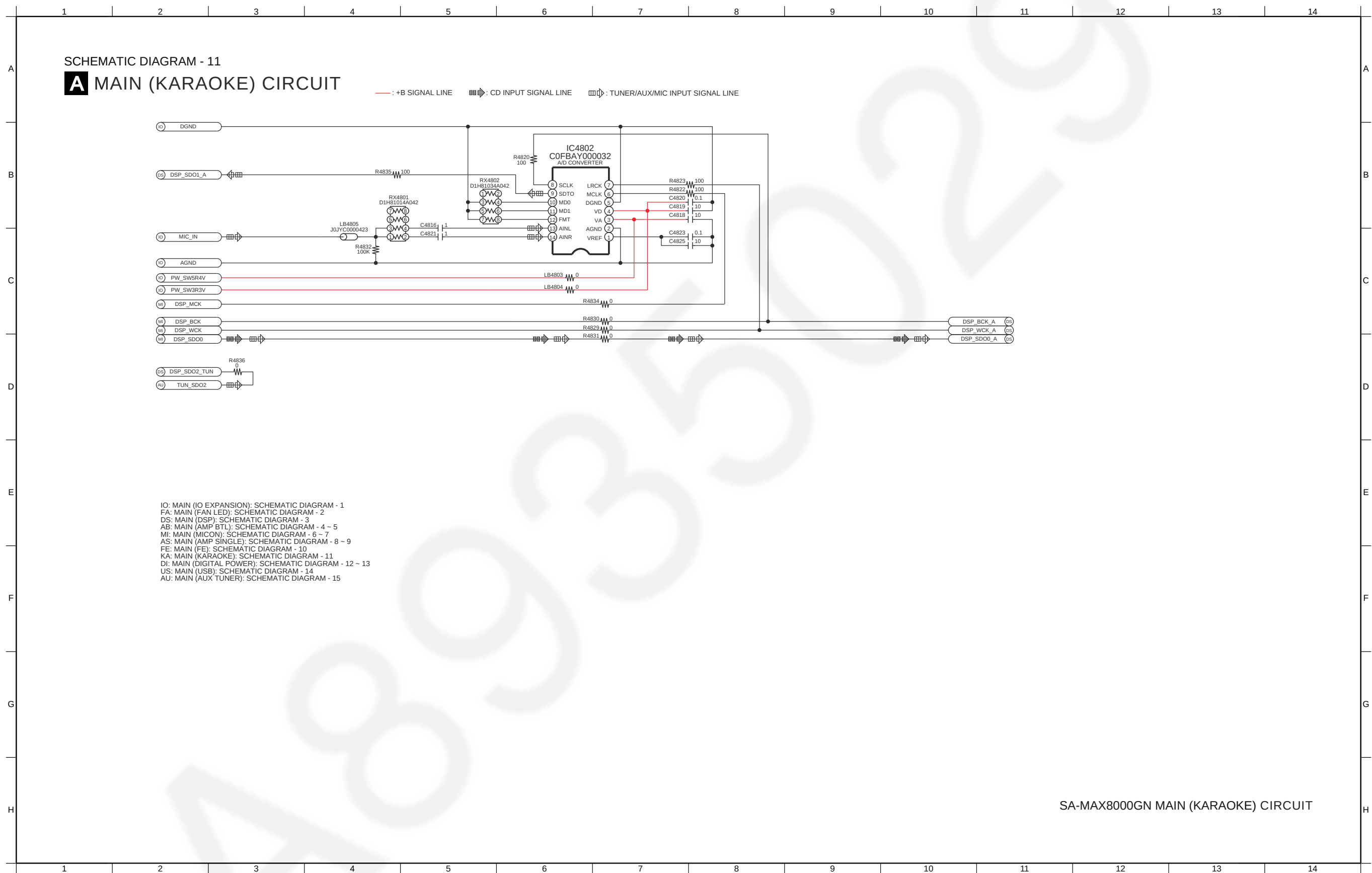
NOTE: " * " REF IS FOR INDICATION ONLY

1/2 2/2 SA-MAX8000GN MAIN (AMP SINGLE) CIRCUIT

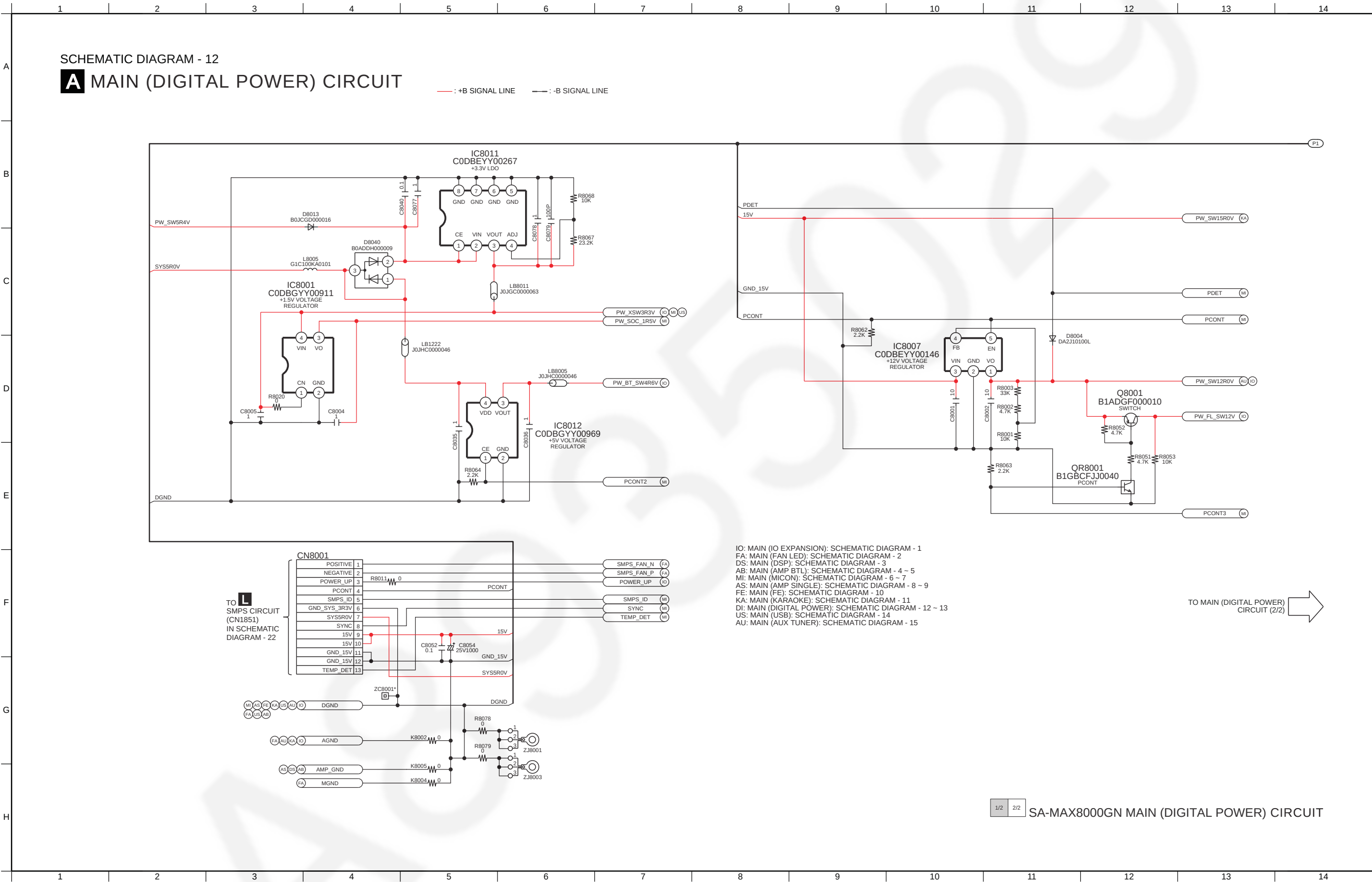
12.11. Main (FE) Circuit



12.12. Main (Karaoke) Circuit



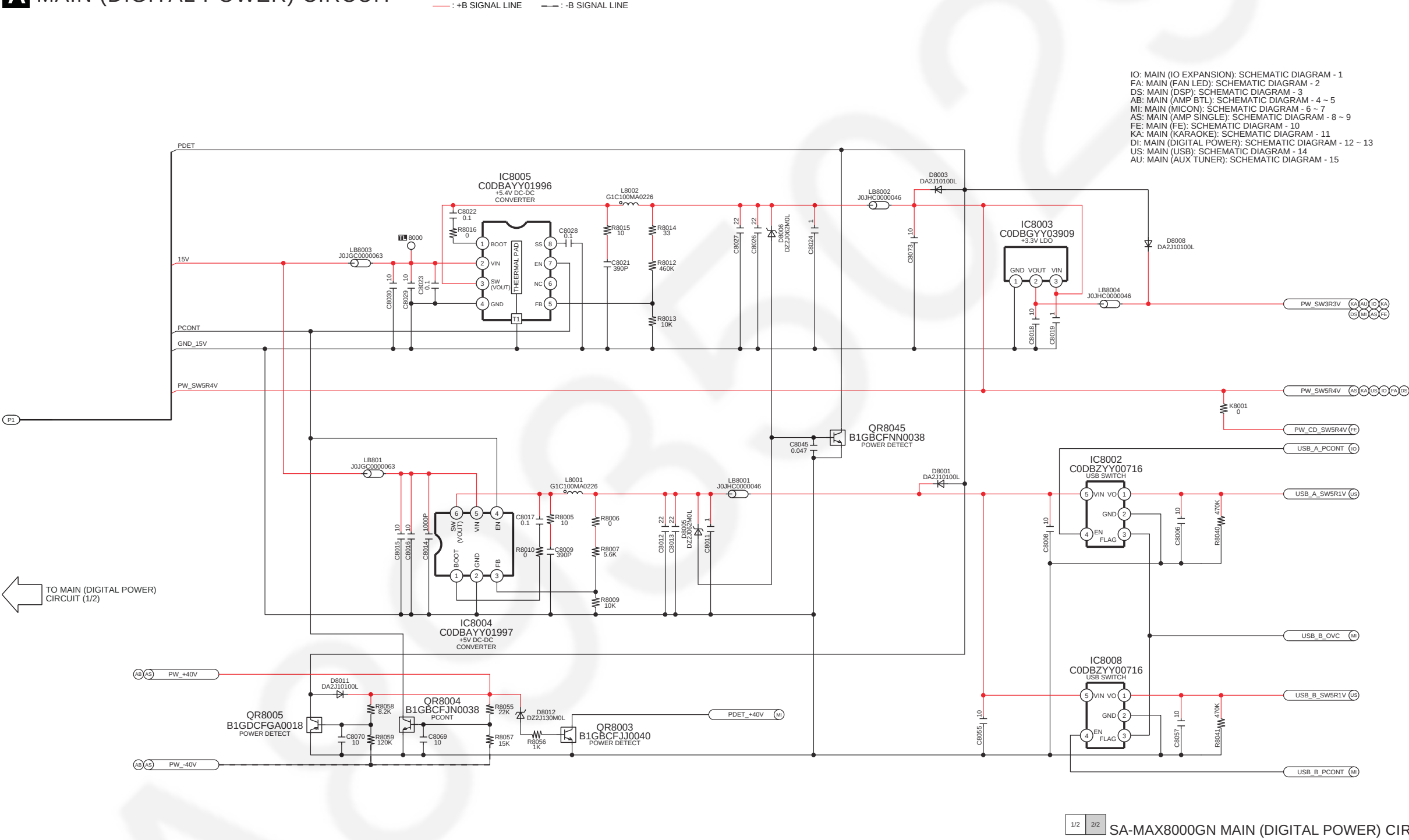
12.13. Main (Digital Power) Circuit (1/2)



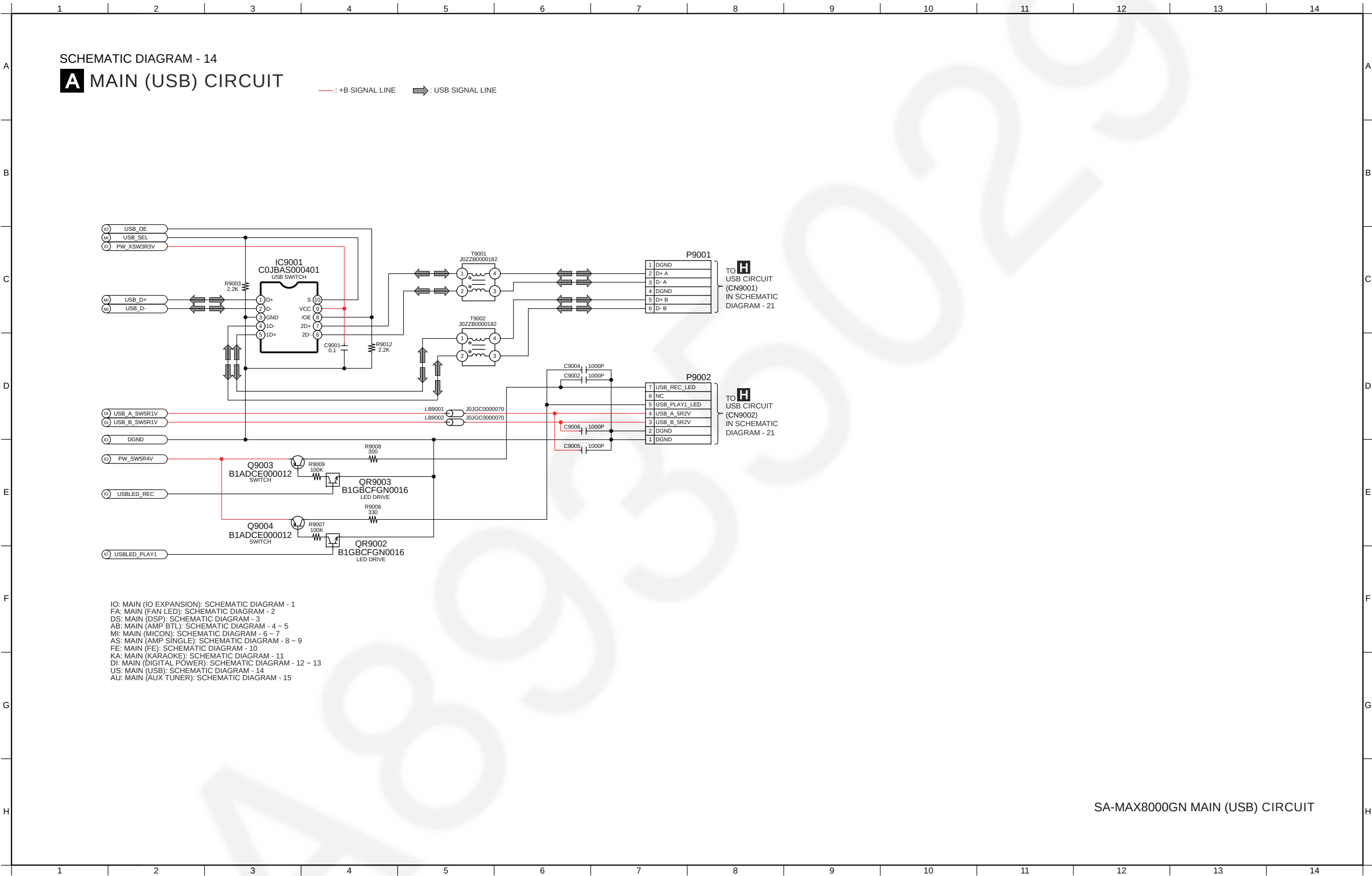
12.14. Main (Digital Power) Circuit (2/2)

SCHEMATIC DIAGRAM - 13

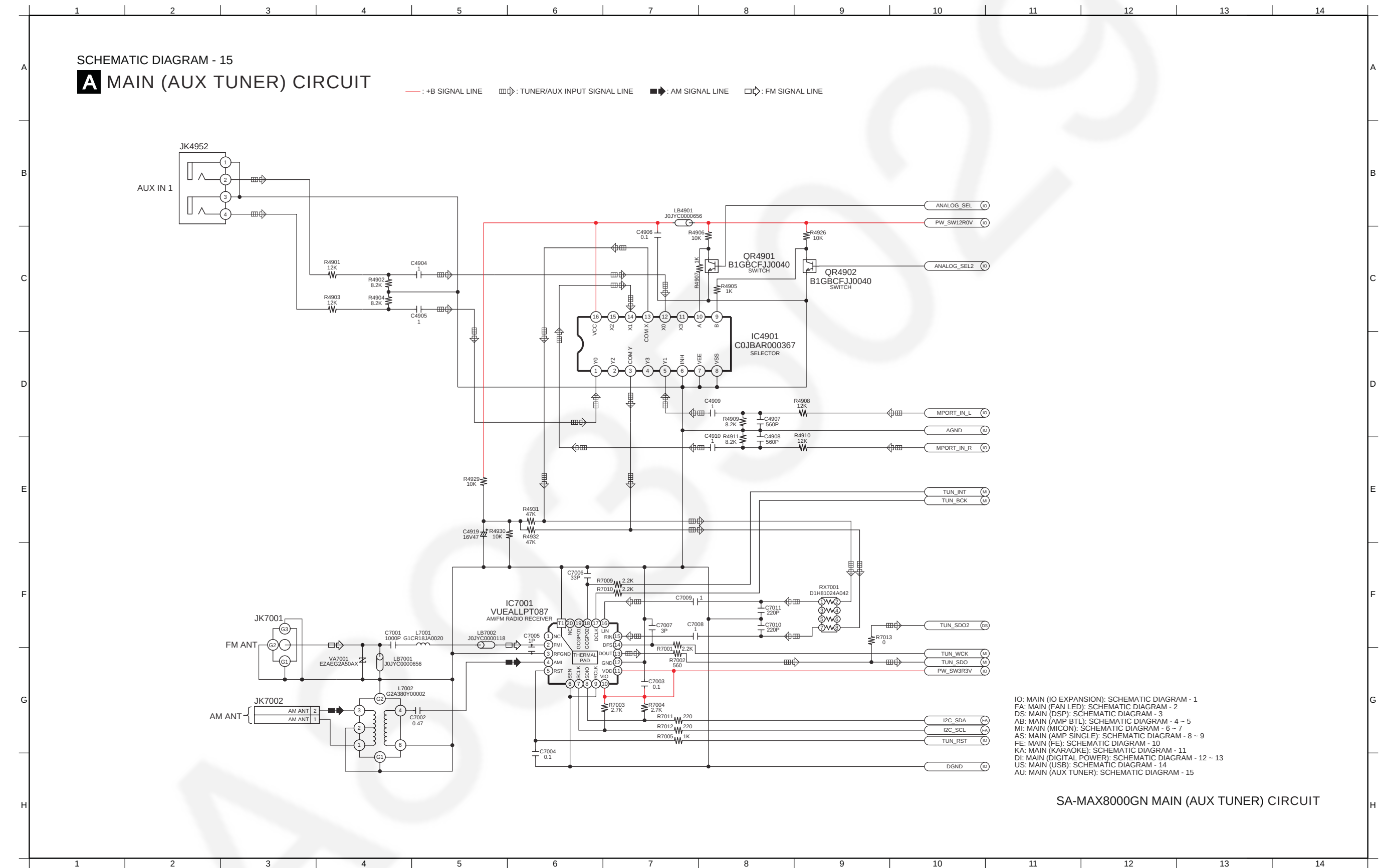
A MAIN (DIGITAL POWER) CIRCUIT



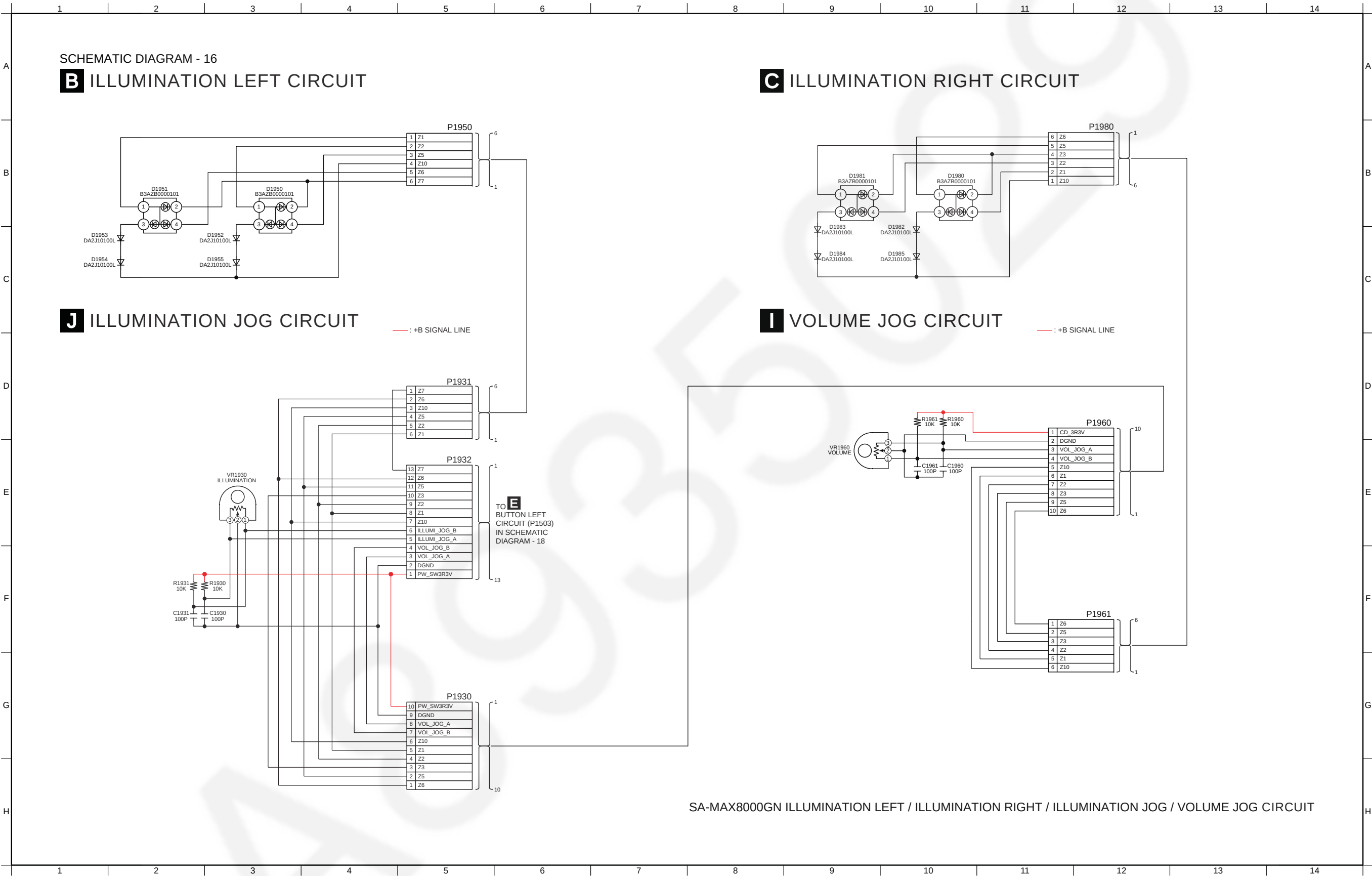
12.15. Main (USB) Circuit



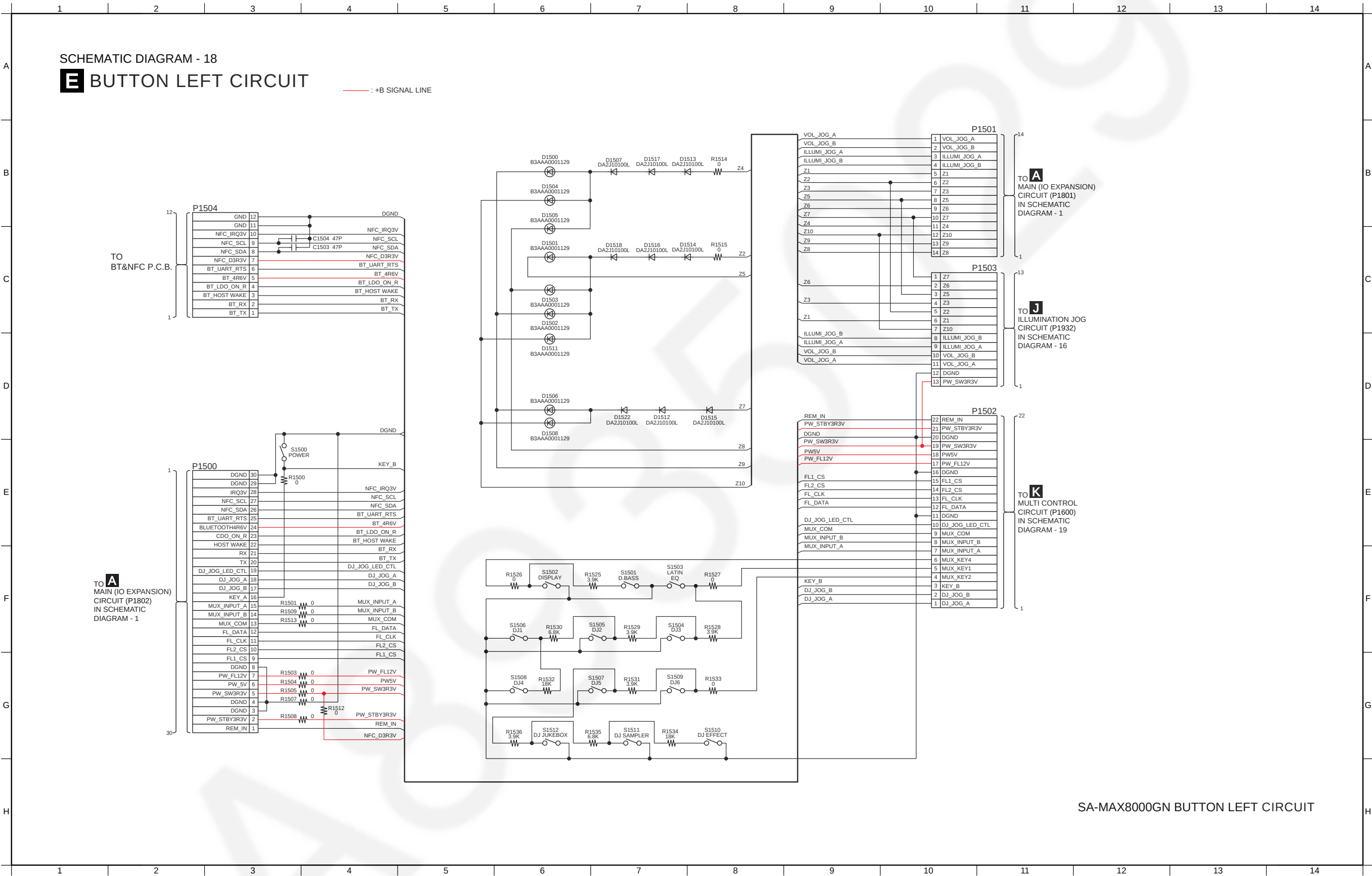
12.16. Main (AUX Tuner) Circuit



12.17. Illumination Left, Illumination Right, Illumination Jog and Volume Jog Circuit



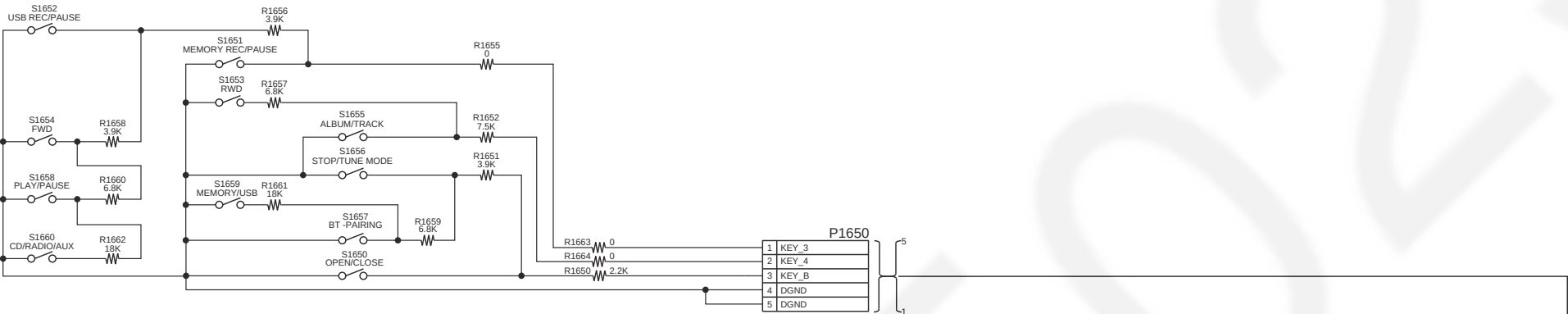
12.19. Button Left Circuit



12.20. Button Right and Multi Control Circuit

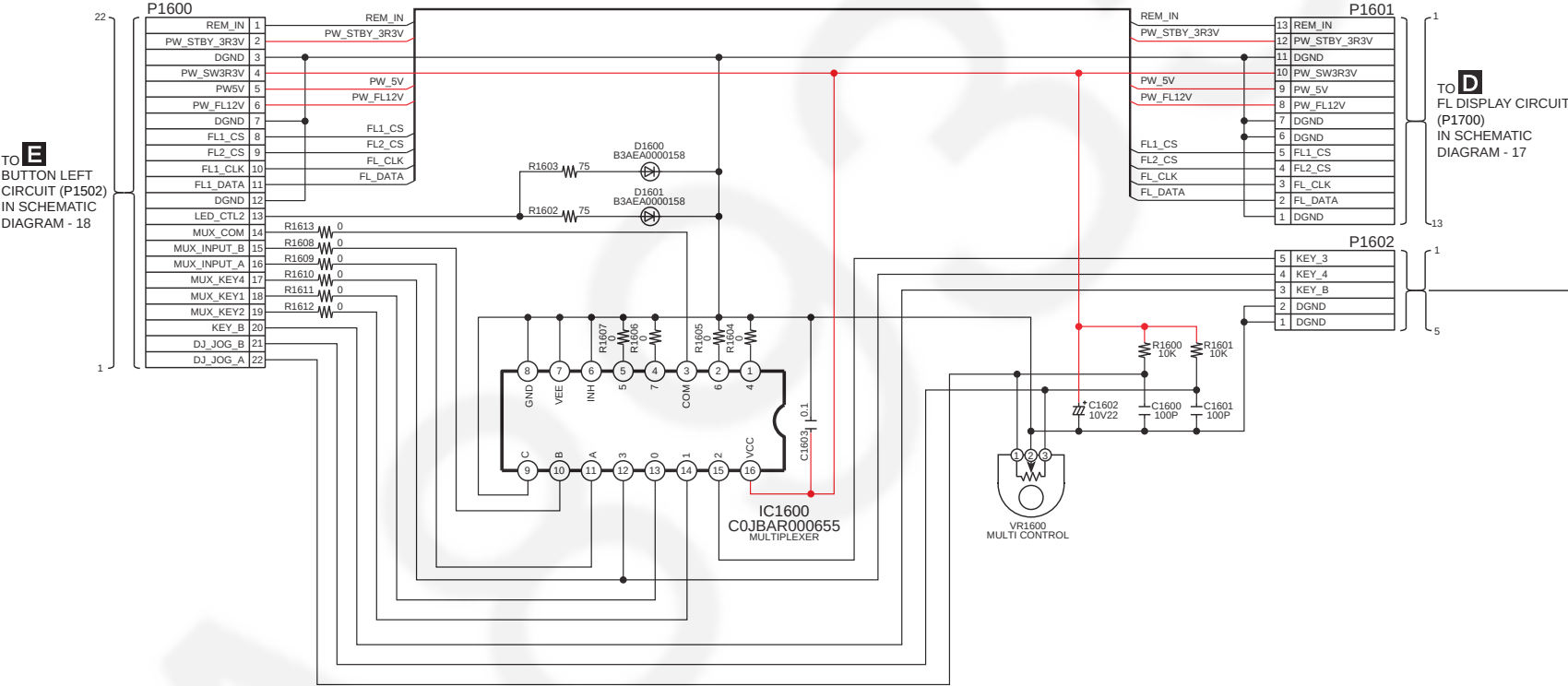
SCHEMATIC DIAGRAM - 19

F BUTTON RIGHT CIRCUIT



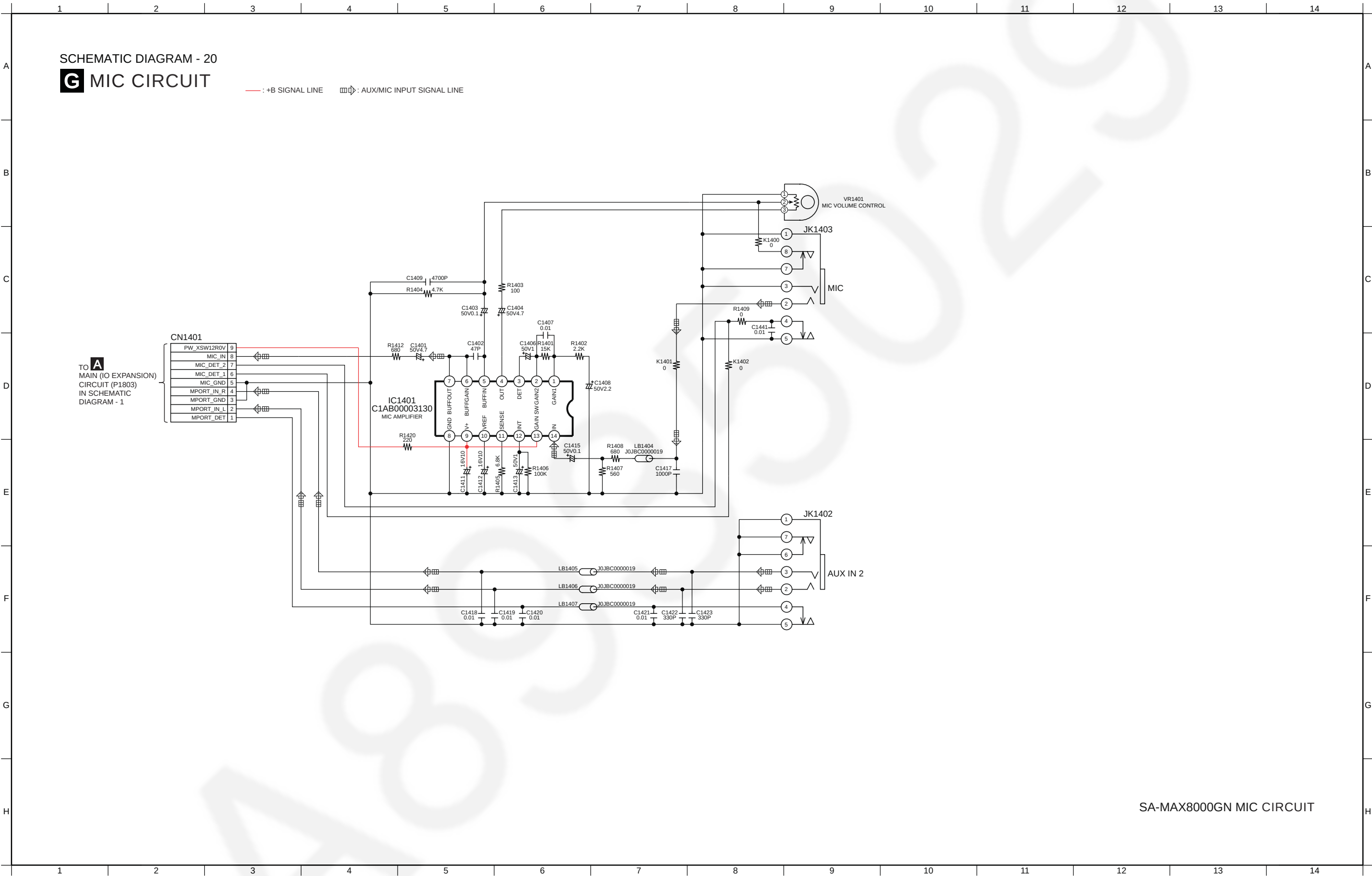
K MULTI CONTROL CIRCUIT

— : +B SIGNAL LINE



SA-MAX8000GN BUTTON RIGHT / MULTI CONTROL CIRCUIT

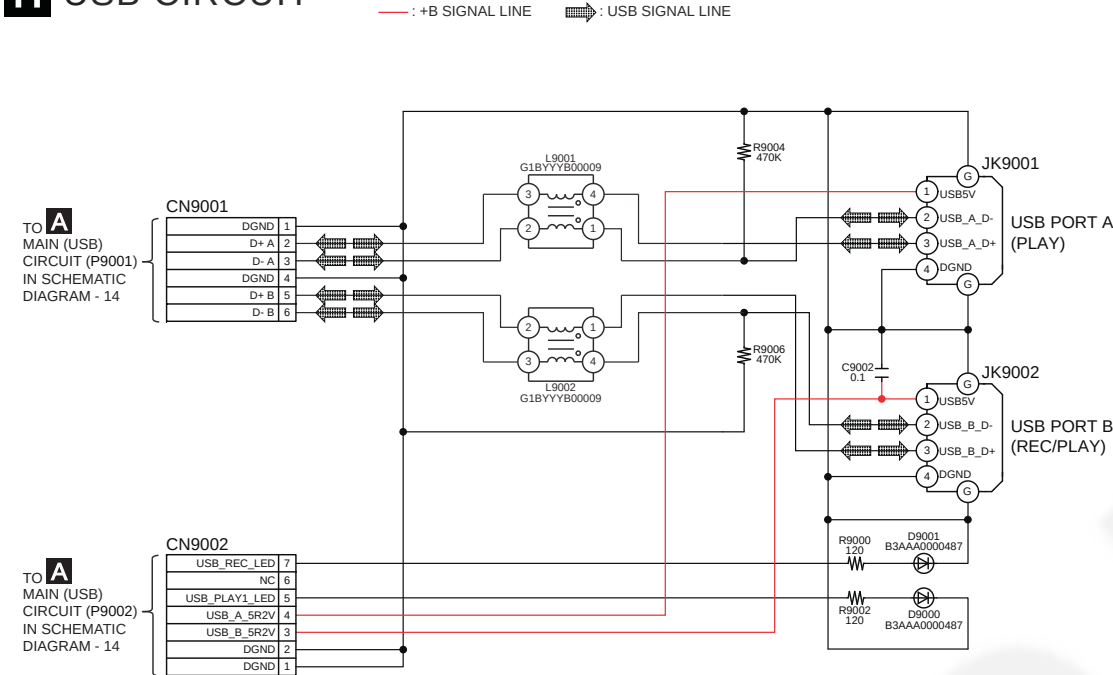
12.21. Mic Circuit



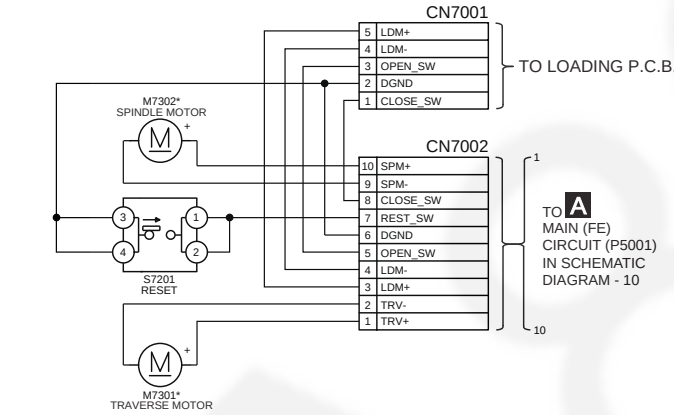
12.22. USB and CD Interface Circuit

SCHEMATIC DIAGRAM - 21

H USB CIRCUIT



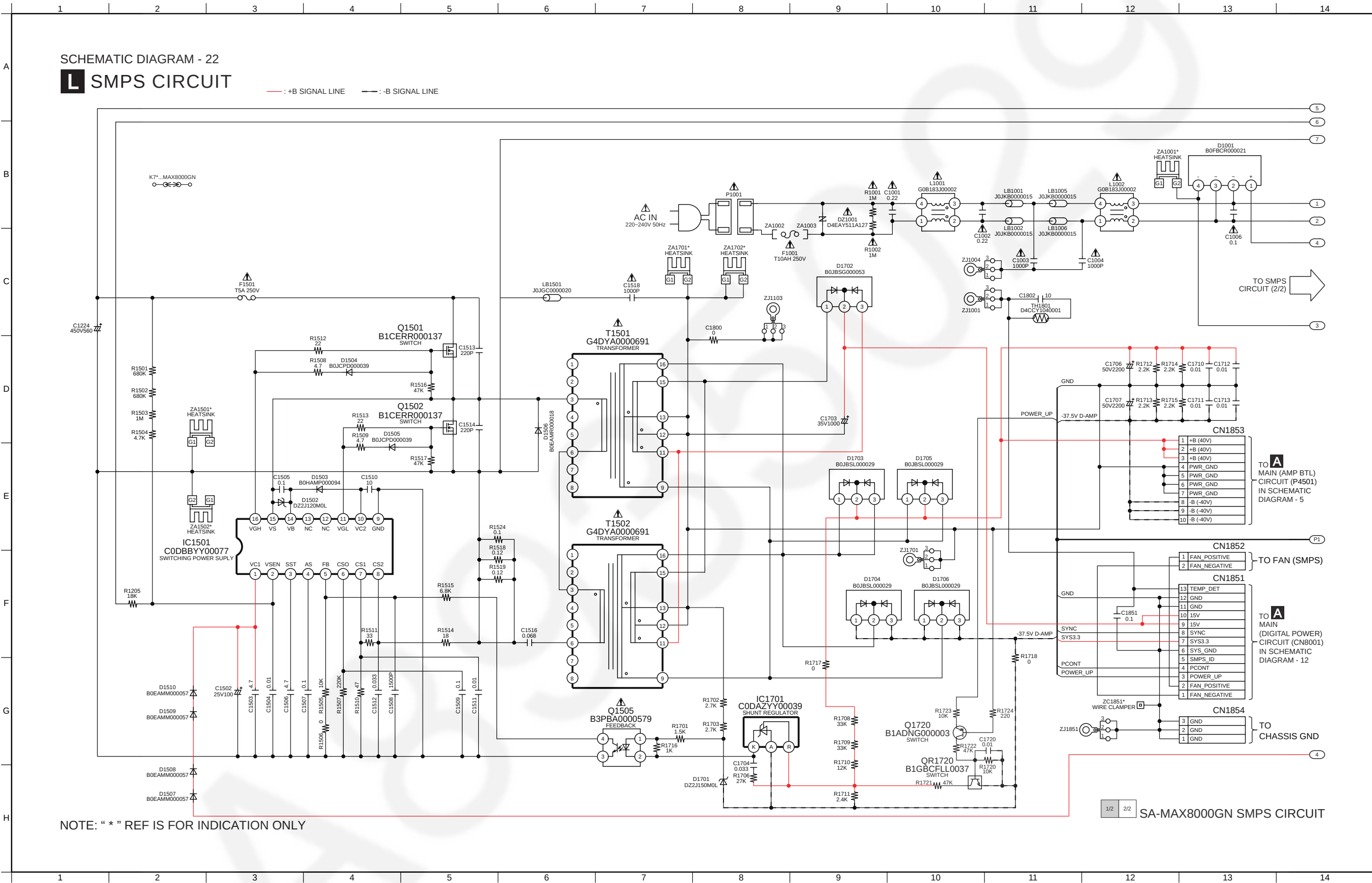
M CD INTERFACE CIRCUIT



NOTE: " * " REF IS FOR INDICATION ONLY

SA-MAX8000GN USB / CD INTERFACE CIRCUIT

12.23. SMPS Circuit (1/2)

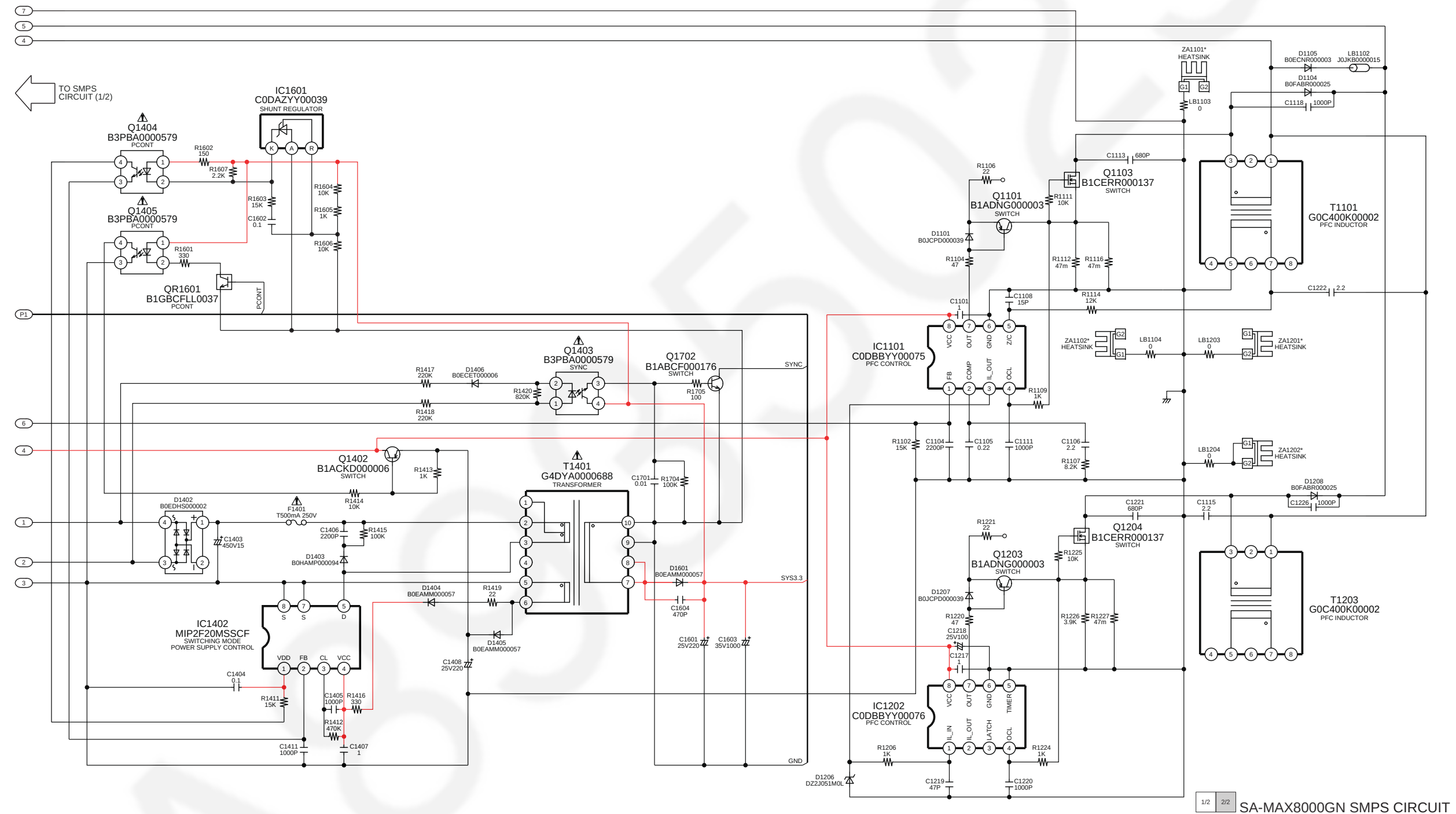


12.24. SMPS Circuit (2/2)

SCHEMATIC DIAGRAM - 23

L SMPS CIRCUIT

— : +B SIGNAL LINE — : -B SIGNAL LINE



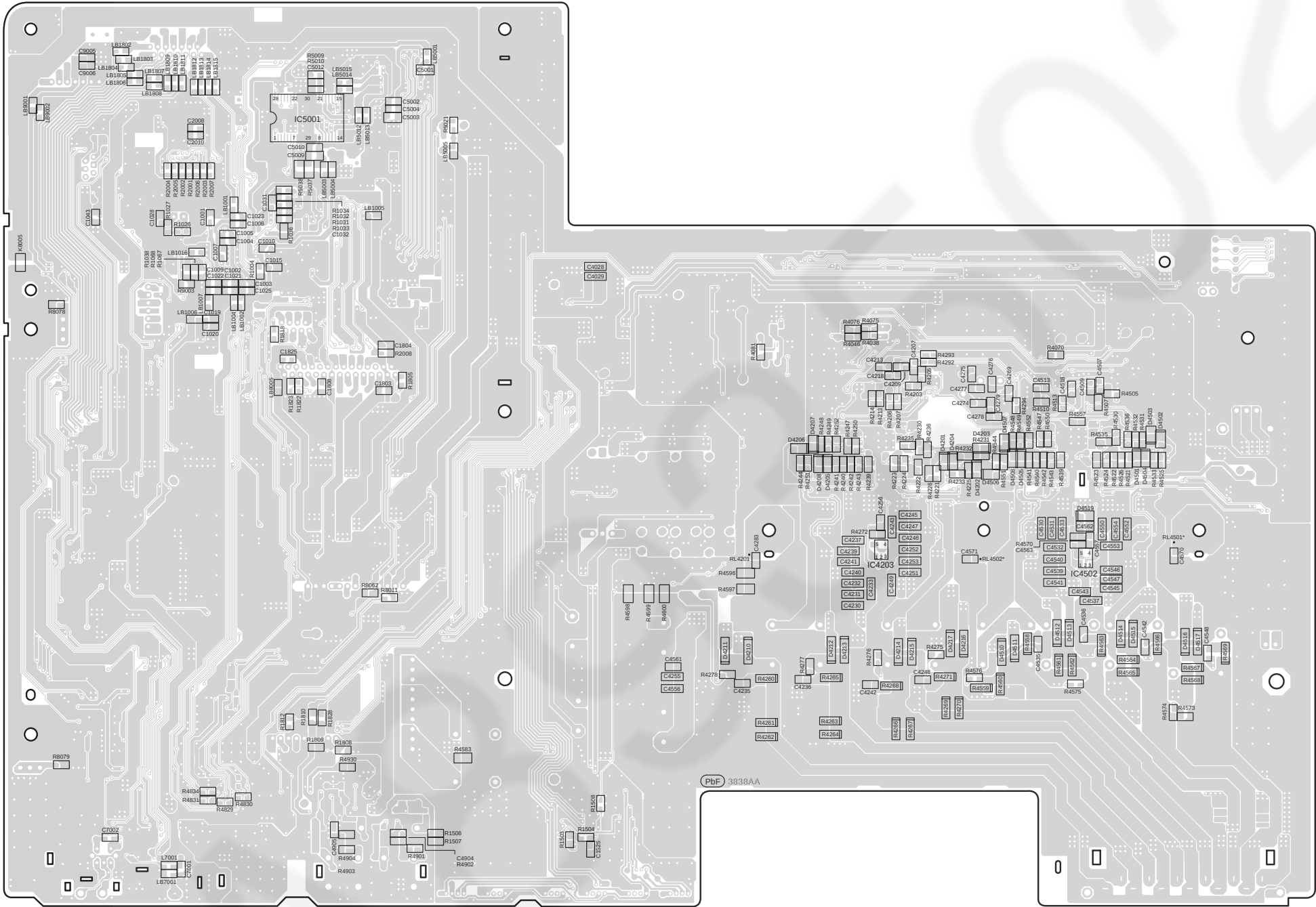
NOTE: " * " REF IS FOR INDICATION ONLY

SA-MAX8000GN SMPS CIRCUIT

13 Printed Circuit Board

13.1. Main P.C.B. (Side A)

A MAIN P.C.B. (RFKB5141DA)



(SIDE A)

NOTE: " * " REF IS FOR INDICATION ONLY

SA-MAX8000GN
MAIN P.C.B.

A vertical number line with tick marks labeled A, B, C, D, E, F, G, and H from bottom to top.



A horizontal number line with arrows at both ends. It is marked with integers from 1 to 13. There are tick marks at every integer, and the numbers 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, and 13 are written below the line.

13

13.3. Illumination Left, Illumination Right and FL Display P.C.B.

B ILLUMINATION LEFT P.C.B. (REP5141DC)



(SIDE A)



(SIDE B)

C ILLUMINATION RIGHT P.C.B. (REP5141DD)

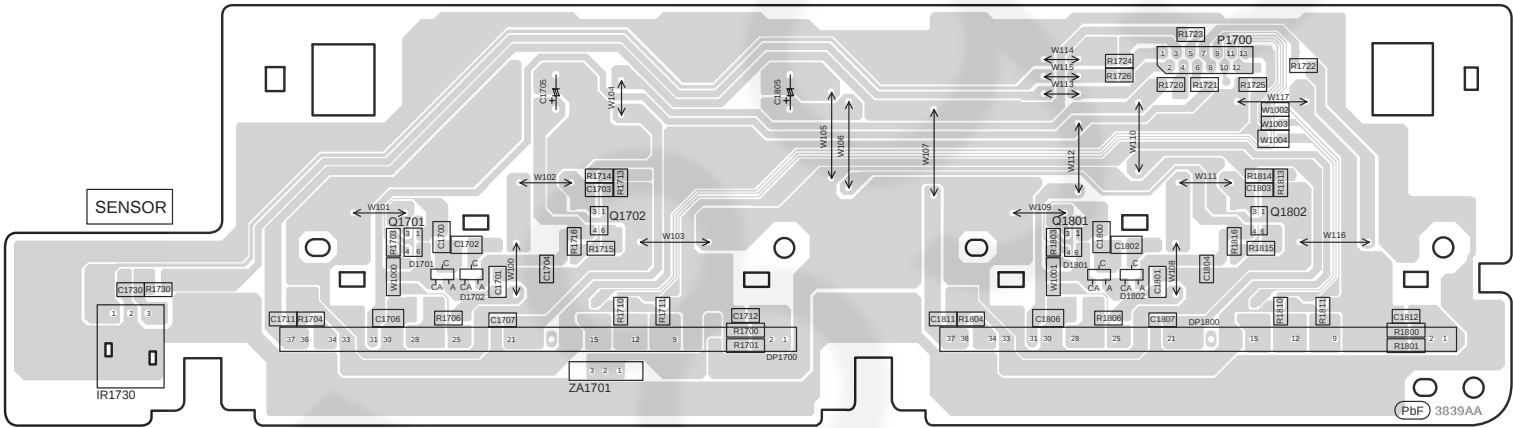


(SIDE A)



(SIDE B)

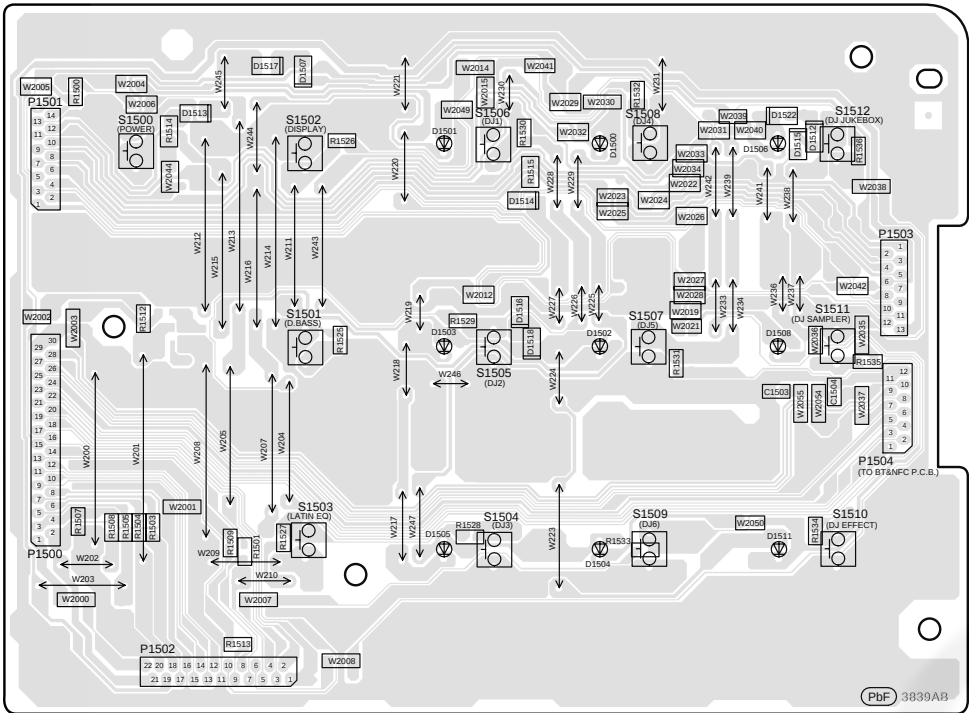
D FL DISPLAY P.C.B. (REP5142AA)



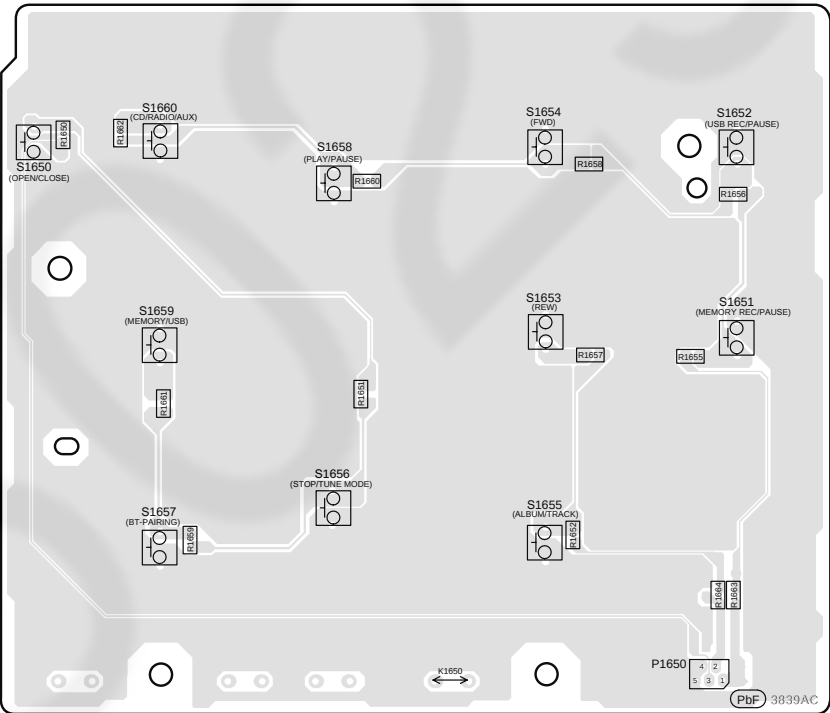
SA-MAX8000GN
ILLUMINATION LEFT / ILLUMINATION RIGHT / FL DISPLAY P.C.B.

13.4. Button Left, Button Right, Mic and USB P.C.B.

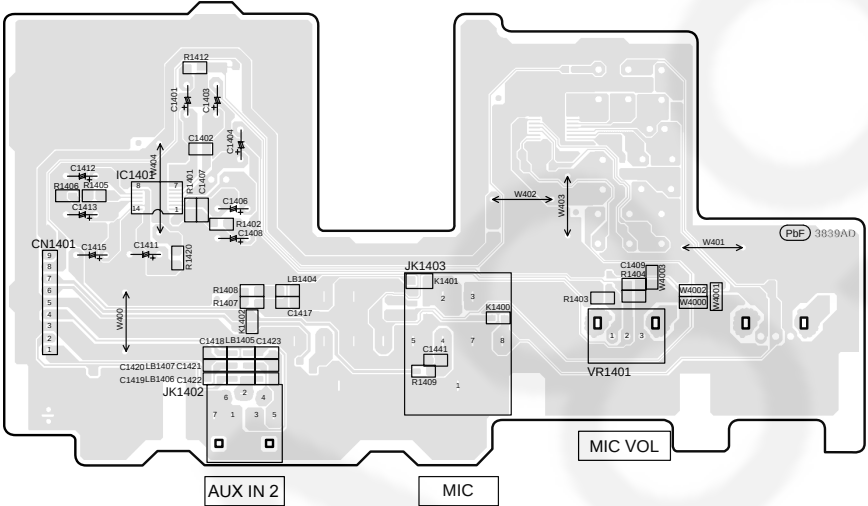
E BUTTON LEFT P.C.B. (REP5142AB)



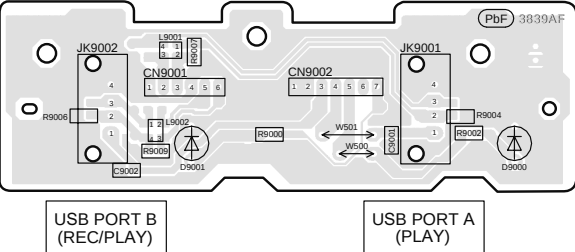
F BUTTON RIGHT P.C.B. (REP5142AC)



G MIC P.C.B. (REP5142AD)



H USB P.C.B. (REP5142AF)



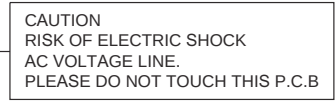
A vertical number line with tick marks labeled A, B, C, D, E, F, G, and H from bottom to top.

[illegible]

VOLUME JOG / ILLUMINATION JOG / MULTI CONTROL / CD INTERFACE P.C.B. SA-MAX8000GN

A vertical number line with tick marks labeled A, B, C, D, E, F, G, and H from bottom to top.

L



PbF 3840A

SA-MAX8000GN
SMPS P.C.B.

14 Voltage and Waveform Measurement

14.1. Voltage Measurement

Note:

- Indication Voltage Values are in standard values for the unit measured by the DC electronic circuit tester (high-impedance) with the chassis taken as standard.
- Therefore, there may exist some errors in voltage values, depending on the internal impedance of the DC circuit tester.
- Circuit voltage and waveform described herein shall be regarded as reference information when probing defect point because it may differ from actual measuring value due to difference of Measuring instrument and its measuring condition and product itself.

14.1.1. Main P.C.B. (1/5)

REF NO.	IC1001																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
PLAY	3.3	3	3.3	3.3	3.3	3.3	1.6	3.3	3.3	3.3	3.3	0	0	3.3	3.3	0	3.3	1.6	0	0
STANDBY	3.3	3	3.3	3.3	3.3	3.3	1.6	3.3	3.3	3.3	3.3	0	0	3.3	3.3	0	3.3	1.6	0	0

REF NO.	IC1001																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
PLAY	3	3.3	0.2	2.9	3.3	3.3	0	0	3.3	0	3.3	0	1.6	1.1	1	0.8	0.8	0.8	1.6	0.8
STANDBY	3	3.3	0.2	2.9	3.3	3.3	0	0	3.3	0	3.3	0	1.6	1.1	1	0.8	0.8	0.8	1.6	0.8

REF NO.	IC1001																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
PLAY	0.8	0	0	0	1.6	0.7	3.2	1.7	3.2	1.6	1.6	1.6	0	1.6	1.6	0	3.3	0	1.6	1.6
STANDBY	0.8	0	0	0	1.6	0.7	3.2	1.7	3.2	1.6	1.6	1.6	0	1.6	1.6	0	3.3	0	1.6	1.6

REF NO.	IC1001																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
PLAY	1.6	1.6	1.6	1.6	1.6	0	1.7	1.8	1.8	1.8	0	0	3.3	3.3	3.3	3.3	1.6	3.3	3.3	0
STANDBY	1.6	1.6	1.6	1.6	1.6	0	1.7	1.8	1.8	1.8	0	0	3.3	3.3	3.3	3.3	1.6	3.3	3.3	0

REF NO.	IC1001																			
MODE	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
PLAY	0.8	1.6	1.6	0.4	0	3.3	1.5	3.3	3.3	0	0	1.6	0	3.3	3.2	3.3	0.2	0.2	0	0.2
STANDBY	0.8	1.6	1.6	0.4	0	3.3	1.5	3.3	3.3	0	0	1.6	0	3.3	3.2	3.3	0.2	0.2	0	0.2

REF NO.	IC1001																			
MODE	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
PLAY	3.1	3.2	0	0.2	3.1	3.1	3.1	0	1.8	1.6	1.6	1.6	3.2	3.1	0	1.5	3.2	3.3	3.3	3.3
STANDBY	3.1	3.2	0	0.2	3.1	3.1	3.1	0	1.8	1.6	1.6	1.6	3.2	3.1	0	1.5	3.2	3.3	3.3	3.3

REF NO.	IC1001																			
MODE	121	122	123	124	125	126	127	128												
PLAY	1.6	3.2	0	1.1	1.5	1.5	1.4	1.5												
STANDBY	1.6	3.2	0	1.1	1.5	1.5	1.4	1.5												

REF NO.	IC1002																			
MODE	1	2	3	4																
PLAY	0	3.3	1.7	3.3																
STANDBY	0	3.3	1.7	3.3																

REF NO.	IC1202																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
PLAY	0	0	0	0	3.3	0	3.3	0	3.3	3.2	0	3.2	0	3.3	0	3.3	0	3.3	3.3	0
STANDBY	0	0	0	0	3.3	0	3.3	0	3.3	3.2	0	3.2	0	3.3	0	3.3	0	3.3	3.3	0

REF NO.	IC1202																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
PLAY	0	0	0	3.3	3.2	3.2	3.3	3.3	0	0	3.2	3.3	3.3	0	3.3	0	0	0	0	3.2
STANDBY	0	0	0	3.3	3.2	3.2	3.3	3.3	0	0	3.2	3.3	3.3	0	3.3	0	0	0	0	3.2

SA-MAX8000GN MAIN P.C.B.

14.1.2. Main P.C.B. (2/5)

REF NO.	IC1202																			
MODE	41	42	43	44																
PLAY	3.3	3.3	0	3.3																
STANDBY	3.3	3.3	0	3.3																
REF NO.	IC1501																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
PLAY	3.3	3.3	3.3	3.3	3.1	2.3	5.2	2.5	0	1.6	2.6	1.5	2.9	1.2	0	2.7	5.2	2.3	1.1	1.3
STANDBY	3.3	3.3	3.3	3.3	3.1	2.3	5.2	2.5	0	1.6	2.6	1.5	2.9	1.2	0	2.7	5.2	2.3	1.1	1.3
REF NO.	IC1501																			
MODE	21	22	23	24																
PLAY	0	3.3	0	0.3																
STANDBY	0	3.3	0	0.3																
REF NO.	IC4001																			
MODE	1	2	3	4	5	6	7	8												
PLAY	0	0	0	-5	0	0	0	5.4												
STANDBY	0	0	0	-5	0	0	0	5.4												
REF NO.	IC4002																			
MODE	1	2	3	4	5	6	7	8												
PLAY	0	0	0	-5	0	0	0	5.4												
STANDBY	0	0	0	-5	0	0	0	5.4												
REF NO.	IC4003																			
MODE	1	2	3	4	5	6	7	8												
PLAY	5.4	2.7	0	-2.5	-5	0	3.1	5.4												
STANDBY	5.4	2.7	0	-2.5	-5	0	3.1	5.4												
REF NO.	IC4005																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
PLAY	0	3.3	3.3	3.3	3.3	0.6	1.6	0.7	1.6	1.6	3.3	0	1.5	1.5	0	1.6	1.2	0	1.6	1.6
STANDBY	0	3.3	3.3	3.3	3.3	0.6	1.6	0.7	1.6	1.6	3.3	0	1.5	1.5	0	1.6	1.2	0	1.6	1.6
REF NO.	IC4005																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
PLAY	3.3	0	1.5	3.3	0	3.3	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	3.3	0	0	0	0	3.3
STANDBY	3.3	0	1.5	3.3	0	3.3	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	3.3	0	0	0	0	3.3
REF NO.	IC4005																			
MODE	41	42	43	44	45	46	47	48												
PLAY	1.4	1.5	0	0	3.3	0	0	0												
STANDBY	1.4	1.5	0	0	3.3	0	0	0												
REF NO.	IC4201																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
PLAY	5.4	0	2.5	2.6	5	0	0	2.6	2.6	2.6	2.7	2.7	2.6	5.4						
STANDBY	5.4	0	2.5	2.6	5	0	0	2.6	2.6	2.6	2.7	2.7	2.6	5.4						
REF NO.	IC4202																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
PLAY	5	0	0	0	0	0	-9.9	-1.3	-7.5	-11.5	-11.5	-7.5	-1.3	-9.9	-36.1	-36.1	-29.7	0	0	-40.1
STANDBY	5	0	0	0	0	0	-9.9	-1.3	-7.5	-11.5	-11.5	-7.5	-1.3	-9.9	-36.1	-36.1	-29.7	0	0	-40.1
REF NO.	IC4202																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
PLAY	-36.1	-36.1	-9.9	-1.3	-7.4	-11.5	-7.4	-7.4	-1.3	-9.7	0	-40.1	-29.6	-40.1	-36.4	-34.9	0.2	0	0.2	0
STANDBY	-36.1	-36.1	-9.9	-1.3	-7.4	-11.5	-7.4	-7.4	-1.3	-9.7	0	-40.1	-29.6	-40.1	-36.4	-34.9	0.2	0	0.2	0

SA-MAX8000GN MAIN P.C.B.

14.1.3. Main P.C.B. (3/5)

REF NO.	IC4202																			
MODE	41	42	43	44	45	46	47	48												
PLAY	0	-4.6	5	0	0.2	0	5	5												
STANDBY	0	-4.6	5	0	0.2	0	5	5												
REF NO.	IC4203																			
MODE	1	2	3	4	5															
PLAY	-35	-40.1	-38.4	-35	-34.9															
STANDBY	-35	-40.1	-38.4	-35	-34.9															
REF NO.	IC4501																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
PLAY	5	0	0	0	0	0	-0.9	-7	-10.8	-10.8	-7	-7	-0.9	-3.3	-0.5	-0.5	-0.5	0	0	-40.1
STANDBY	5	0	0	0	0	0	-0.9	-7	-10.8	-10.8	-7	-7	-0.9	-3.3	-0.5	-0.5	-0.5	0	0	-40.1
REF NO.	IC4501																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
PLAY	-0.4	-0.9	-2.8	-3.7	-7.5	-11.5	-11.5	-7.6	-1.5	-9.7	0	-40.1	-29.6	-40.1	-36.4	-34.9	0.2	0	0.2	0
STANDBY	-0.4	-0.9	-2.8	-3.7	-7.5	-11.5	-11.5	-7.6	-1.5	-9.7	0	-40.1	-29.6	-40.1	-36.4	-34.9	0.2	0	0.2	0
REF NO.	IC4501																			
MODE	41	42	43	44	45	46	47	48												
PLAY	0	-4.6	5	0	0.2	0	0.2	5												
STANDBY	0	-4.6	5	0	0.2	0	0.2	5												
REF NO.	IC4502																			
MODE	1	2	3	4	5															
PLAY	-35	-40.1	-38.3	-35	-34.9															
STANDBY	-35	-40.1	-38.3	-35	-34.9															
REF NO.	IC4802																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
PLAY	2.7	0	5.4	3.3	0	1.6	1.6	1.6	0.6	0	0	0	2.8	2.7						
STANDBY	2.7	0	5.4	3.3	0	1.6	1.6	1.6	0.6	0	0	0	2.8	2.7						
REF NO.	IC4901																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
PLAY	0.1	1.7	5.9	5.9	0.3	0	0	0	11.9	11.9	5.9	0.3	5.9	0.3	0.6	11.9				
STANDBY	0.1	1.7	5.9	5.9	0.3	0	0	0	11.9	11.9	5.9	0.3	5.9	0.3	0.6	11.9				
REF NO.	IC5001																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
PLAY	0	1.6	5.4	3	1.6	0	0	5.4	0	0	2.9	2.6	2.6	2.9	2.9	2.7	3.3	2.2	5.4	2.1
STANDBY	0	1.6	5.4	3	1.6	0	0	5.4	0	0	2.9	2.6	2.6	2.9	2.9	2.7	3.3	2.2	5.4	2.1
REF NO.	IC5001																			
MODE	21	22	23	24	25	26	27	28	29	30										
PLAY	1.5	0	1.8	5.4	5.4	1.6	1.6	3.3	0	0										
STANDBY	1.5	0	1.8	5.4	5.4	1.6	1.6	3.3	0	0										
REF NO.	IC7001																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
PLAY	0	0.2	0	0	0	3.3	3.3	0	3.3	3.3	3.3	0	1.5	1.6	0.1	0.1	1.6	1.4	1.5	0
STANDBY	0	0.2	0	0	0	3.3	3.3	0	3.3	3.3	3.3	0	1.5	1.6	0.1	0.1	1.6	1.4	1.5	0
REF NO.	IC8001																			
MODE	1	2	3	4																
PLAY	3.3	0	1.6	3.3																
STANDBY	3.3	0	1.6	3.3																

SA-MAX8000GN MAIN P.C.B.

14.1.4. Main P.C.B. (4/5)

REF NO.	IC8002																			
MODE	1	2	3	4	5															
PLAY	5.1	0	3.2	0	5.1															
STANDBY	5.1	0	3.2	0	5.1															
REF NO.	IC8003																			
MODE	1	2	3																	
PLAY	0	3.3	5.4																	
STANDBY	0	3.3	5.4																	
REF NO.	IC8004																			
MODE	2	3	4	5	6															
PLAY	0	0.8	3.3	15	5.4															
STANDBY	0	0.8	3.3	15	5.4															
REF NO.	IC8005																			
MODE	2	3	4	5	6	7														
PLAY	15	5.4	0	0.95	0	3.3														
STANDBY	15	5.4	0	0.95	0	3.3														
REF NO.	IC8007																			
MODE	1	2	3	4	5															
PLAY	12	0	16	2.5	3.1															
STANDBY	12	0	16	2.5	3.1															
REF NO.	IC8008																			
MODE	1	2	3	4	5															
PLAY	5.1	0	3.2	3.3	5.1															
STANDBY	5.1	0	3.2	3.3	5.1															
REF NO.	IC8011																			
MODE	1	2	3	4	5	6	7	8												
PLAY	5	5	3.3	1	0	0	0	0												
STANDBY	5	5	3.3	1	0	0	0	0												
REF NO.	IC8012																			
MODE	1	2	3	4																
PLAY	3.3	0	4.6	5																
STANDBY	3.3	0	4.6	5																
REF NO.	IC8501																			
MODE	1	2	3	4	5	6	7	8												
PLAY	14.8	2.9	3.1	0	3.1	2.9	14.8	16												
STANDBY	14.8	2.9	3.1	0	3.1	2.9	14.8	16												
REF NO.	IC9001																			
MODE	1	2	3	4	5	6	7	8	9	10										
USB ON	3.3	0	0	3.3	0	5.2	3.3	3.3	3.3	0										
REF NO.	Q1001																			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		1	2	5	6
PLAY	0	0	0.6		5.4	5.4	0		0	0	-5		0	0	-5		40.1	40.1	40.1	40.1
STANDBY	0	0	0.6		5.4	5.4	0		0	0	-5		0	0	-5		40.1	40.1	40.1	40.1
REF NO.	Q4202																			
MODE	1	2	5	6		1	2	5	6		1	2	5	6		1	2	5	6	
PLAY	-10.8	-10.8	-10.8	-10.8		-10.8	-10.8	-10.8	-10.8		40.1	40.1	40.1	40.1		-10.8	-10.8	-10.8	-10.8	
STANDBY	-10.8	-10.8	-10.8	-10.8		-10.8	-10.8	-10.8	-10.8		40.1	40.1	40.1	40.1		-10.8	-10.8	-10.8	-10.8	

SA-MAX8000GN MAIN P.C.B.

14.1.5. Main P.C.B. (5/5)

REF NO.	Q4206					Q4207					Q4208													
MODE	1	2	5	6		1	2	5	6		1	2	5	6										
PLAY	40.1	40.1	40.1	40.1		-10.8	-10.8	-10.8	-10.8		40.1	40.1	40.1	40.1										
STANDBY	40.1	40.1	40.1	40.1		-10.8	-10.8	-10.8	-10.8		40.1	40.1	40.1	40.1										
REF NO.	Q4209						Q4501						Q4502											
MODE	1	2	3	4	5	6		1	2	5	6		1	2	5	6								
PLAY	0	0	3.3	0	0	3.3		40.1	40.1	40.1	40.1		-10.8	-10.8	-10.8	-10.8								
STANDBY	0	0	3.3	0	0	3.3		40.1	40.1	40.1	40.1		-10.8	-10.8	-10.8	-10.8								
REF NO.	Q4503						Q4504						Q4505						Q4506					
MODE	1	2	5	6		1	2	5	6		1	2	5	6		1	2	5	6					
PLAY	-10.8	-10.8	-10.8	-10.8		40.1	40.1	40.1	40.1		-10.8	-10.8	-10.8	-10.8		40.1	40.1	40.1	40.1					
STANDBY	-10.8	-10.8	-10.8	-10.8		40.1	40.1	40.1	40.1		-10.8	-10.8	-10.8	-10.8		40.1	40.1	40.1	40.1					
REF NO.	Q4507						Q4508						Q4509							Q4511				
MODE	1	2	5	6		1	2	5	6		1	2	3	4	5	6		E	C	B				
PLAY	-10.8	-10.8	-10.8	-10.8		40.1	40.1	40.1	40.1		0	0	3.3	0	0	3.3		-29.7	-4.3	-29.1				
STANDBY	-10.8	-10.8	-10.8	-10.8		40.1	40.1	40.1	40.1		0	0	3.3	0	0	3.3		-29.7	-4.3	-29.1				
REF NO.	Q5001					Q8001					Q8501					Q8502					Q8503			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B					
PLAY	2.9	1.9	2.2		12	11.9	11.2		0.5	0.6	1.2		0	0.6	0		0	0	0.6					
STANDBY	2.9	1.9	2.2		12	11.9	11.2		0.5	0.6	1.2		0	0.6	0		0	0	0.6					
REF NO.	Q8504					Q8505					Q8506					Q8507					Q8508			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B					
PLAY	14.2	15.9	14.7		13.6	15.9	14.3		0	0	0		0	0	0.3		0.4	5.2	1					
STANDBY	14.2	15.9	14.7		13.6	15.9	14.3		0	0	0		0	0	0.3		0.4	5.2	1					
REF NO.	Q8509					Q8510					Q8511					Q9003					Q9004			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B					
PLAY	0	0	0.6		0	0.6	0		0.5	0.6	1.2		5.4	0	5		5.4	0	4.9					
STANDBY	0	0	0.6		0	0.6	0		0.5	0.6	1.2		5.4	0	5		5.4	0	4.9					
REF NO.	QR1201					QR1802					QR4001					QR4002					QR4201			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B					
PLAY	0	3.1	0		0	0	3.3		0	5.4	0		5.4	-5	5.4		-4.5	6.5	-4.5					
STANDBY	0	3.1	0		0	0	3.3		0	5.4	0		5.4	-5	5.4		-4.5	6.5	-4.5					
REF NO.	QR4202					QR4203					QR4501					QR4502					QR4901			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B					
PLAY	0	5.4	0		3.3	-4.6	3.2		-36.2	3.1	-36.2		3.3	0	0		0	11.9	0					
STANDBY	0	5.4	0		3.3	-4.6	3.2		-36.2	3.1	-36.2		3.3	0	0		0	11.9	0					
REF NO.	QR4902					QR8001					QR8003					QR8004					QR8005			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B					
PLAY	0	11.9	0		0	0.1	2.9		0	0	24.5		0	3.1	-6.6		0	3.2	7.5					
STANDBY	0	11.9	0		0	0.1	2.9		0	0	24.5		0	3.1	-6.6		0	3.2	7.5					
REF NO.	QR8045					QR9002					QR9003													
MODE	E	C	B		E	C	B		E	C	B													
PLAY	0	3.3	0		0	4.8	0		0	4.8	0													
STANDBY	0	3.3	0		0	4.8	0		0	4.8	0													
SA-MAX8000GN MAIN P.C.B.																								

SA-MAX8000GN MAIN P.C.B.

14.1.6. Mic and Multi Control P.C.B.

REF NO.	IC1401															
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14		
PLAY	6	6	6	6	6	6	6	0	11.9	5.8	0.2	0	11.9	5.9		
STANDBY	6	6	6	6	6	6	6	0	11.9	5.8	0.2	0	11.9	5.9		

SA-MAX8000GN MIC P.C.B.

REF NO.	IC1600															
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
PLAY	0	0	1.6	0	0	0	0	0	0	1.2	2.1	0.6	0.6	1.1	0.6	3.3
STANDBY	0	0	1.6	0	0	0	0	0	0	1.2	2.1	0.6	0.6	1.1	0.6	3.3

SA-MAX8000GN MULTI CONTROL P.C.B.

14.1.7. SMPS P.C.B.

REF NO.	IC1101															
MODE	1	2	3	4	5	6	7	8								
PLAY	2.5	1.2	0.2	0	1.2	0	0.8	17.6								
STANDBY	2.5	1.2	0.2	0	1.2	0	0.8	17.6								

REF NO.	IC1202															
MODE	1	2	3	4	5	6	7	8								
PLAY	0.2	0.1	0	0	0	0	0.3	17.6								
STANDBY	0.2	0.1	0	0	0	0	0.3	17.6								

REF NO.	IC1402															
MODE	1	2	3	4	5	6	7	8								
PLAY	6	1	2.4	17.4	324	-	0	0								
STANDBY	6	1	2.4	17.4	324	-	0	0								

REF NO.	IC1501															
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
PLAY	17.6	5.5	2.2	2.5	4.2	0.9	0	0	0	10.2	4.4	0	0	206.4	196.7	204.8
STANDBY	17.6	5.5	2.2	2.5	4.2	0.9	0	0	0	10.2	4.4	0	0	206.4	196.7	204.8

REF NO.	IC1601															
MODE	K	A	R													
PLAY	2.3	0	2.4													
STANDBY	2.3	0	2.4													

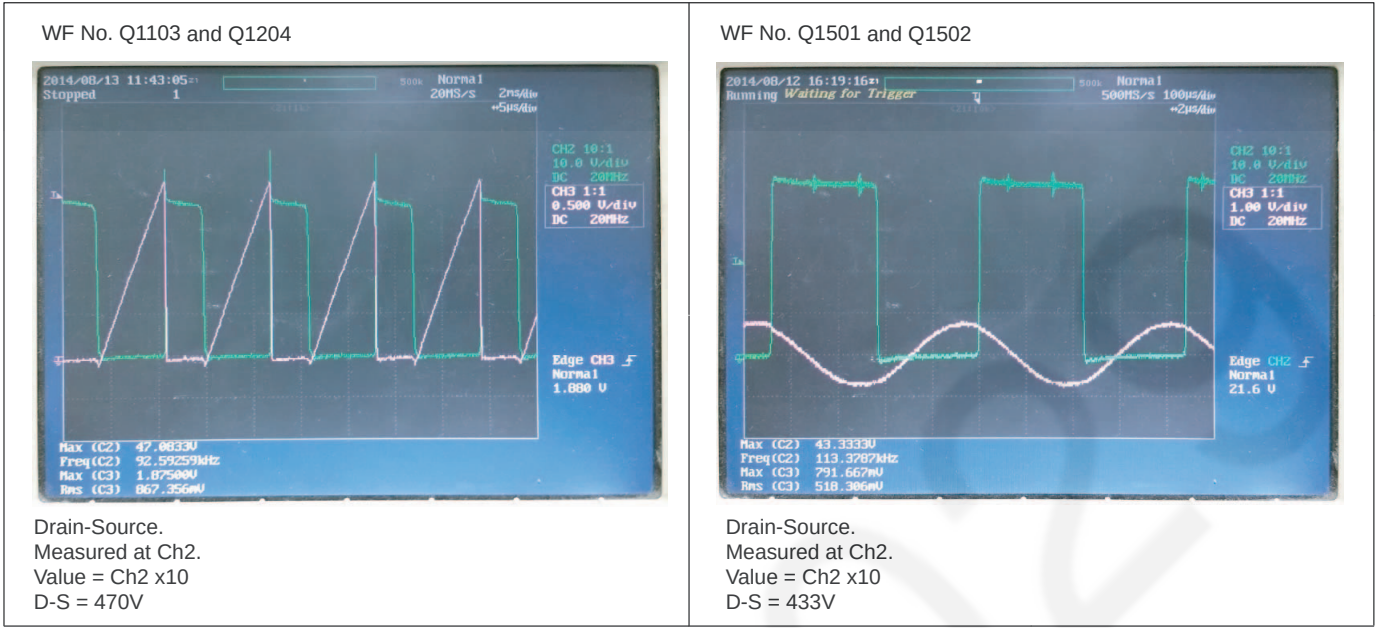
REF NO.	IC1701															
MODE	K	A	R													
PLAY	-28	-40.1	-36.9													
STANDBY	-28	-40.1	-36.9													

REF NO.	Q1101			Q1203			Q1402			Q1702			Q1720		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
PLAY	0.3	0	0.2		0.1	0		17.6	17.6	16.9		0	1.7	0.3	
STANDBY	0.3	0	0.2		0.1	0		17.6	17.6	16.9		0	1.7	0.3	

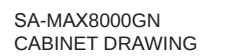
REF NO.	QR1601			QR1720												
MODE	E	C	B	E	C	B										
PLAY	0	0.1	3.1		-41	-38.5	-41									
STANDBY	0	0.1	3.1		-41	-38.5	-41									

SA-MAX8000GN SMPS P.C.B.

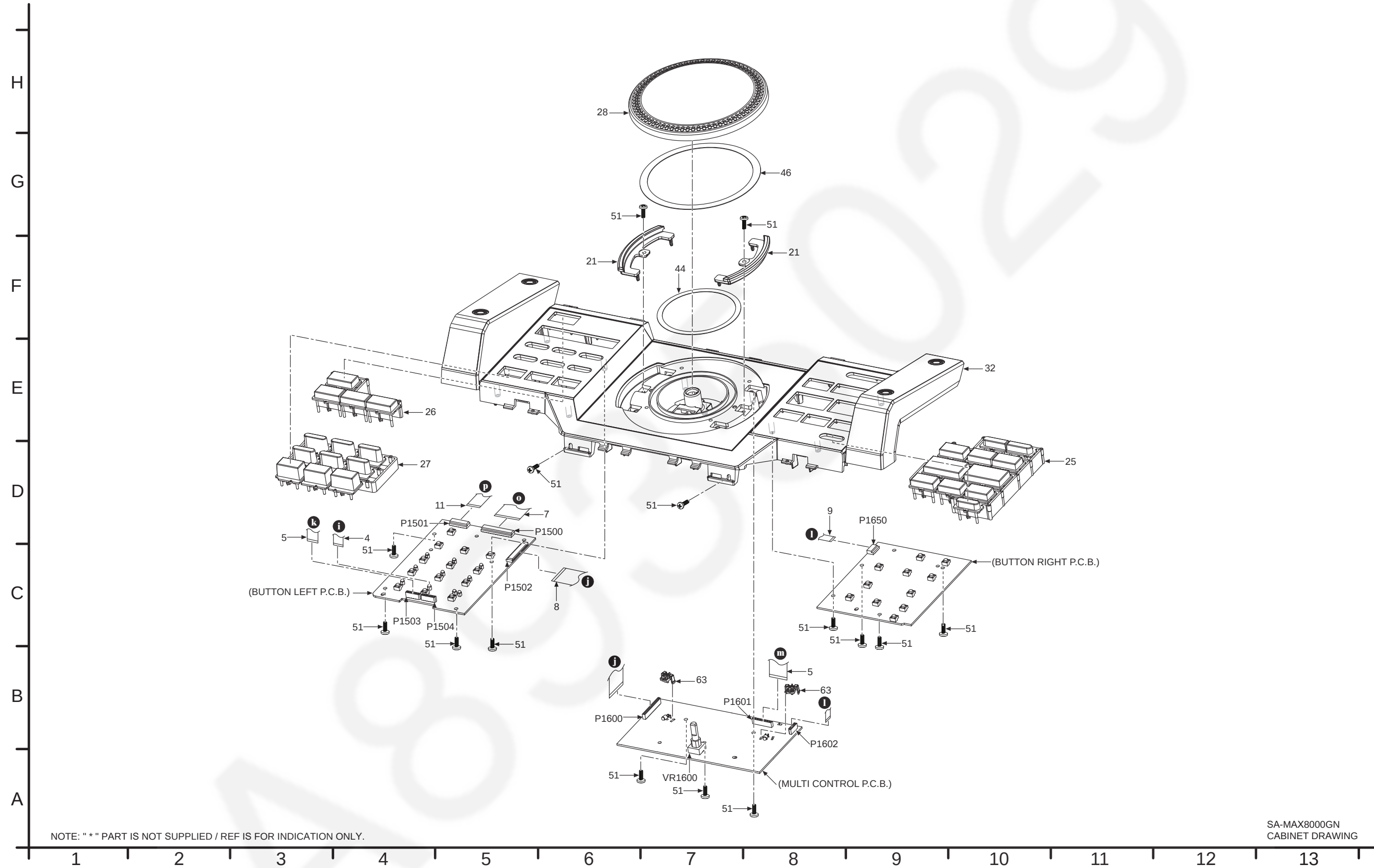
14.2. Waveform Chart



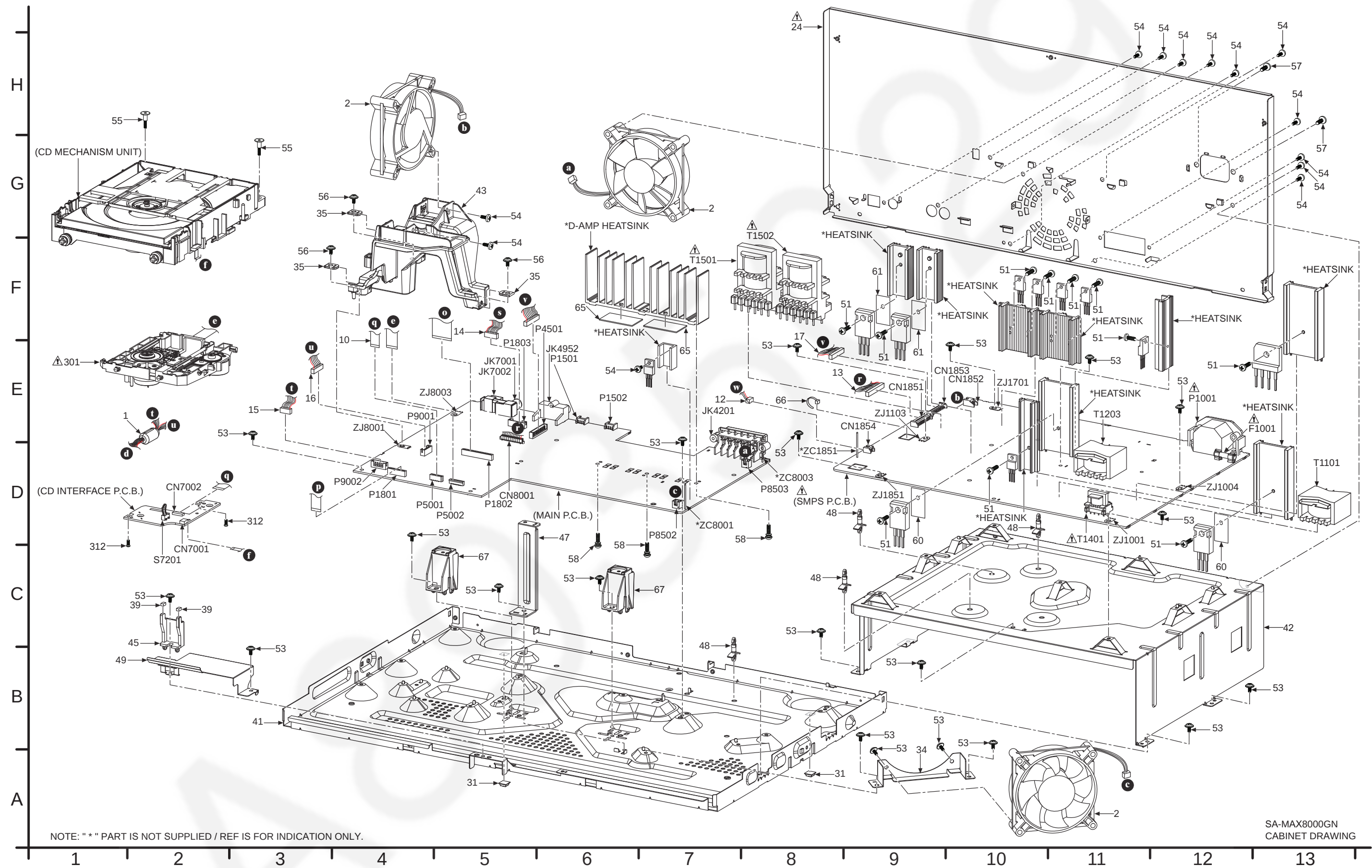
15.1. Cabinet Parts Location 1



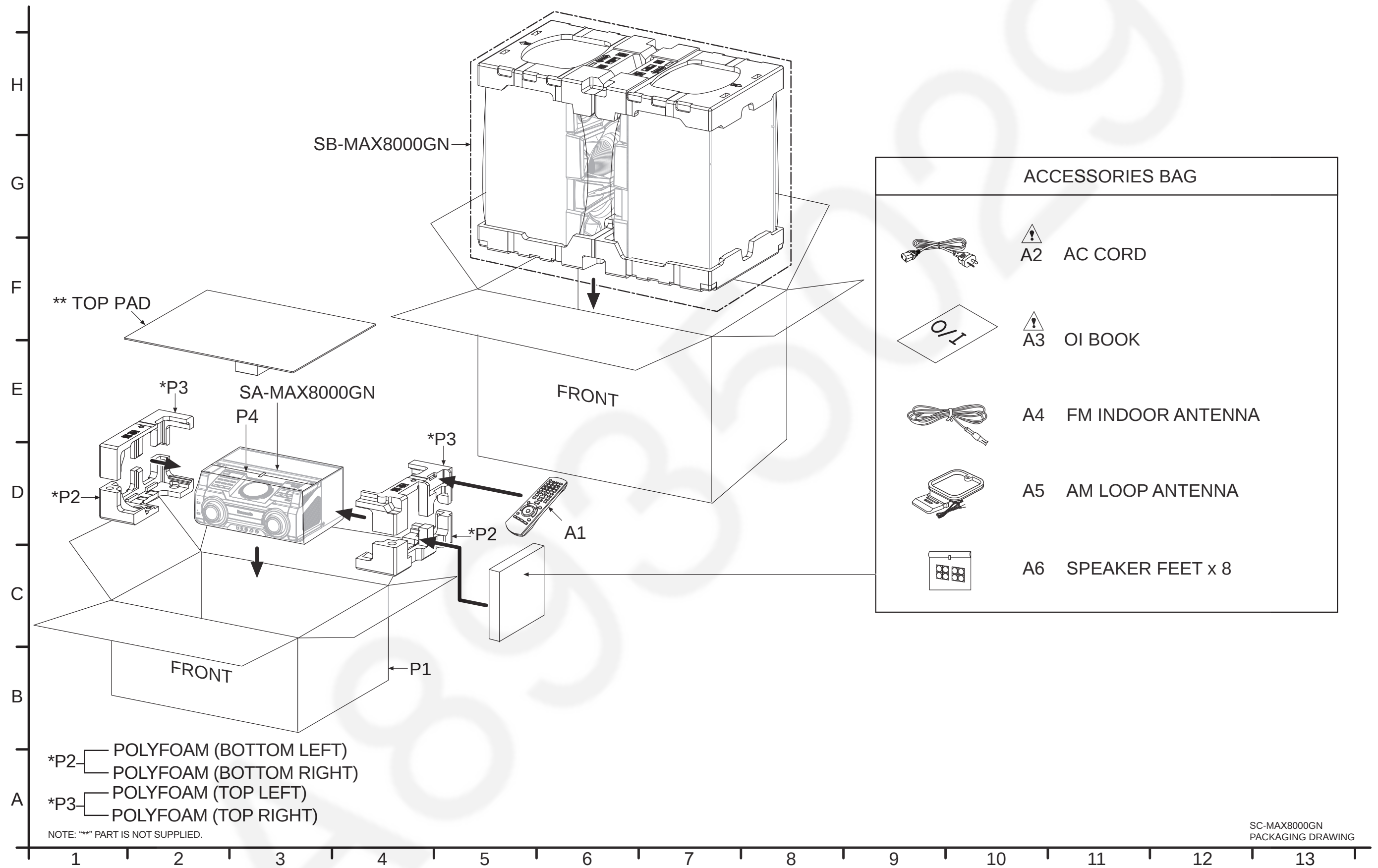
15.2. Cabinet Parts Location 2



15.3. Cabinet Parts Location 3



15.4. Packaging



15.5. 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 PAVCJM unless indicated likewise.
- Reference for O/I book languages are as follows:

Ar:	Arabic	Du:	Dutch	It:	Italian	Sp:	Spanish
Cf:	Canadian French	En:	English	Ko:	Korean	Sw:	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	J0KG00000001	FERRITE CORE	1	
	2	L6FALEFH0030	FAN UNIT	3	
	3	REE1760	6P FFC (ILLUMINATION LEFT-ILLUMINATION JOG/ILLUMINATION RIGHT-VOLUME JOG)	2	
	4	REE1887	12P FFC (BUTTON LEFT-BLUE TOOTH/NFC)	1	
	5	REE1889	16P FFC (MULTI CONTROL - FL DISPLAY/BUTTON LEFT-ILLUMINATION)	2	
	6	REE1894	10P FFC (VOLUME JOG-ILLUMINATION RIGHT)	1	
	7	REE1898	30P FFC (MAIN-BUTTON LEFT)	1	
	8	REE2053	22P FFC (BUTTON LEFT-MULTI CONTROL)	1	
	9	REE2055	5P FFC (MULTI CONTROL-BUTTON RIGHT)	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	10	REE2060	10P FFC (MAIN-CD INTERFACE)	1	
	11	REE2061	14P FFC (BUTTON LEFT-MAIN)	1	
	12	REX1712	3P WIRE (FL DISPLAY-SMPS)	1	
	13	REX1678	13P WIRE (MAIN-SMPS)	1	
	14	REX1679	9P WIRE (MIC-MAIN)	1	
	15	REX1680	7P WIRE (MAIN-USB)	1	
	16	REX1681	6P WIRE (USB-MAIN)	1	
	17	REX1697	10P WIRE (MAIN-SMPS)	1	
	18	RGK2538-1K	CD LID	1	
	19	RGK2540-1K	TOP ORNAMENT	1	
	20	RGL0787B-W	USB REC LIGHT	2	
	21	RGL0799-Q	DJ LIGHTING RING	2	
	22	RFKKAX8000GN	FRONT PANEL ASS'Y	1	
	22-1	RGC0043-W3	VOLUME LIGHT REFLECTOR	2	
	22-2	RGK2539-K	VOLUME ORNAMENT	2	
	22-3	RGL0786B-W	VOLUME LIGHT RING	2	
	23	RGQ0666-W	VOLUME LIGHT DIFFUSER	2	
	24	RGR0455L-A	REAR PANEL	1	
	25	RGU2945A-W1	DJ BUTTON	1	
	26	RGU2946D-K	POWER BUTTON	1	
	27	RGU2947B-K	FUNCTION BUTTON	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	28	RGW0448-K	DJ TABLE	1	
	29	RGW0450-K	MIC VOLUME KNOB	1	
	30	RGW0446-1S	VOLUME KNOB	2	
	31	RKAX0042-K	LEG CUSHION	4	
	32	RFFKAX8000GN	DJ CABINET ASS'Y	1	
△	33	RKM0744-K2	TOP CABINET	1	
	34	RMA2489	FAN ANGLE	1	
	35	RMA2502	EARTH PLATE	3	
	36	RMA2506-1	SIDE ANGLE L	1	
	37	RMA2507-1	SIDE ANGLE R	1	
	38	RMB0982	CD LID SPRING	1	
	39	RMG1002-D	MECHA CUSHION	2	
	40	RMGX0033A-K	CD LID CUSHION	1	
	41	RMK0870-1	BOTTOM CHASSIS	1	
	42	RMK0871-1	INNER CHASSIS	1	
	43	RMN1080-2	FAN HOLDER	1	
	44	RMQ2273	DJ SLIDER SHEET	1	
	45	RMQ2275	FRONT MECHA SUP-PORT	1	
	46	RMQ2352	DJ SHEET	1	
	47	RMS0939	INNER CHASSIS SUPPORT	1	
	48	RMX0510	SMPS PCB SPACER	4	
	49	RSC1293-1	MIC SHIELD PLATE	1	
	50	RHD26016-1L	SCREW	6	
	51	RHD26046-L	SCREW	41	
	52	RHD30007-K2J	SCREW	4	
	53	RHD30111-31	SCREW	21	
	54	RHD30119-S	SCREW	18	
	55	RHD3031008	SCREW	2	
	56	RHD30005-J	SCREW	3	
	57	XTB4+10AFJ	SCREW	2	
	58	RHD26043-1	SCREW	3	
	60	RMZ1495	SMPS INSULATOR SHEET	2	
	61	RMZ1430	SMPS IC INSULATOR SHEET	2	
	62	RMN1049-1	FL HOLDER	2	
	63	RMN1077	LED HOLDER	2	
	65	RMG0982-H	RADIATION RUBBER	2	
	66	SHR301-J	LEAD CLAMPER	1	
	67	RMQX1088-J	MECHA SUPPORT	2	
			TRAVERSE DECK		
△	301	RAE1048Z-V	TRAVERSE ASS'Y	1	
	312	XTN2+6GFJ	SCREW	2	
			PACKING MATERIALS		
	P1	RPQ0Q33	PACKING CASE	1	
	P2	RPN2650-2	POLYFOAM BOTTOM	1	
	P3	RPN2651-2	POLYFOAM TOP	1	
	P4	RPH0317	MIRAMAT SHEET	1	
			ACCESSORIES		
	A1	N2QAYB001022	REMOTE CONTROL	1	
△	A2	K2CJ2YY00097	AC CORD	1	
△	A3	RQT9980-B	O/I BOOK (En)	1	
	A4	RSAX0002	FM INDOOR ANTENNA	1	
	A5	N1DY000011	AM LOOP ANTENNA	1	
	A6	RKAX0038B	SPEAKER FEET	8	

15.6. 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 PAVCJM unless indicated likewise.
- Parts mentioned [SPG] in the Remarks column are supplied by JAPAN.

E.S.D. standards for Electrostatically Sensitive Devices, refer to "PREVENTION OF ELECTROSTATIC DISCHARGE (ESD) TO ELECTROSTATIC SENSITIVE (ES) DEVICES" section.

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
			PRINTED CIRCUIT BOARDS		
	PCB1	RFKB5141DA	MAIN P.C.B W/ DATA	1	(E.S.D) , JIGS & ADJ
	PCB2	RSNE031B0	BT MODULE	1	(E.S.D) , JIGS & ADJ
	PCB3	REP5141DB	BT&NFC P.C.B	1	(E.S.D) , JIGS & ADJ
	PCB4	REP5141DC	ILLUMINATION LEFT P.C.B	1	(RTL)
	PCB5	REP5141DD	ILLUMINATION RIGHT P.C.B	1	(RTL)
	PCB6	REP5142AA	FL DISPLAY P.C.B	1	(RTL)
	PCB7	REP5142AB	BUTTON LEFT P.C.B	1	(RTL)
	PCB8	REP5142AC	BUTTON RIGHT P.C.B	1	(RTL)
	PCB9	REP5142AD	MIC P.C.B	1	(RTL)
	PCB10	REP5142AF	USB P.C.B	1	(RTL)
	PCB11	REP5142AG	VOLUME JOG P.C.B	1	(RTL)
	PCB12	REP5142AH	ILLUMINATION JOG P.C.B	1	(RTL)
	PCB13	REP5142AJ	MULTI CONTROL P.C.B	1	(RTL)
$\triangle$	PCB14	REP5143B	SMPS P.C.B	1	(RTL)
	PCB15	REP4945A	CD INTERFACE P.C.B	1	(RTL)
			INTEGRATED CIRCUITS		

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	IC1001	C1AB00004188	IC	1	(E.S.D)
	IC1002	C0EBY0000664	IC	1	(E.S.D)
	IC1003	RFKWFX8000AM	IC W/DATA	1	(E.S.D) , JIGS & ADJ
	IC1004	RFKWEX8000AM	IC W/DATA	1	(E.S.D) , JIGS & ADJ
	IC1101	C0DBBY000075	IC	1	(E.S.D)
	IC1202	C0DBBY000076	IC	1	(E.S.D)
	IC1202	C0ZBZ0002175	IC	1	(E.S.D)
	IC1401	C1AB00003130	IC	1	(E.S.D)
	IC1402	MIP2F20MSSCF	IC	1	(E.S.D)
	IC1501	AN32183A-VF	IC	1	(E.S.D)
	IC1501	C0DBBY000077	IC	1	(E.S.D)
	IC1600	C0JBAR000655	IC	1	(E.S.D)
	IC1601	C0DAZYY00039	IC	1	(E.S.D)
	IC1701	C0DAZYY00039	IC	1	(E.S.D)
	IC2001	RFKB5141DA	PCB	1	(E.S.D) , JIGS & ADJ
	IC4001	C0ABBB000230	IC	1	(E.S.D)
	IC4002	C0ABBB000230	IC	1	(E.S.D)
	IC4003	C0DBCZC00003	IC	1	(E.S.D)
	IC4005	VUEALLPT090	IC	1	(E.S.D) JIGS&ADJ
	IC4201	C0JBAB000902	IC	1	(E.S.D)
	IC4202	C0ZBZ0001673	IC	1	(E.S.D)
	IC4203	C0ZBZ0001675	IC	1	(E.S.D)
	IC4501	C0ZBZ0001673	IC	1	(E.S.D)
	IC4502	C0ZBZ0001675	IC	1	(E.S.D)
	IC4802	C0FBAY000032	IC	1	(E.S.D)
	IC4901	C0JBAR000367	IC	1	(E.S.D)
	IC5001	C0GBY0000213	IC	1	(E.S.D)

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	IC7001	VUEALLPT087	IC	1	(E.S.D) JIGS&AD J
	IC8001	C0DBGYY00911	IC	1	(E.S.D)
	IC8002	C0DBZYY00716	IC	1	(E.S.D)
	IC8003	C0DBGYY03909	IC	1	(E.S.D)
	IC8004	C0DBAYY01997	IC	1	(E.S.D)
	IC8005	C0DBAYY01996	IC	1	(E.S.D)
	IC8007	C0DBEYY00146	IC	1	(E.S.D)
	IC8008	C0DBZYY00716	IC	1	(E.S.D)
	IC8011	C0DBEYY00267	IC	1	(E.S.D)
	IC8012	C0DBGYY00969	IC	1	(E.S.D)
	IC8501	C0ABBB000342	IC	1	(E.S.D)
	IC9001	C0JBAS000401	IC	1	(E.S.D)
			TRANSISTORS		
	Q1001	B1ABCF000176	TRANSISTOR	1	(E.S.D)
	Q1101	B1ADNG000003	TRANSISTOR	1	(E.S.D)
	Q1103	B1CERR000137	TRANSISTOR	1	(E.S.D)
	Q1203	B1ADNG000003	TRANSISTOR	1	(E.S.D)
	Q1204	B1CERR000137	TRANSISTOR	1	(E.S.D)
	Q1402	B1ACKD000006	TRANSISTOR	1	(E.S.D)
	Q1501	B1CERR000137	TRANSISTOR	1	(E.S.D)
	Q1502	B1CERR000137	TRANSISTOR	1	(E.S.D)
	Q1701	B1HFCDE00002	TRANSISTOR	1	(E.S.D)
	Q1702	B1ABCF000176	TRANSISTOR	1	(E.S.D)
	Q1702	B1HFCDE00002	TRANSISTOR	1	(E.S.D)
	Q1720	B1ADNG000003	TRANSISTOR	1	(E.S.D)
	Q1801	B1HFCDE00002	TRANSISTOR	1	(E.S.D)
	Q1802	B1ADCE000012	TRANSISTOR	1	(E.S.D)
	Q1802	B1HFCDE00002	TRANSISTOR	1	(E.S.D)
	Q4001	B1HBCDA00001	TRANSISTOR	1	(E.S.D)
	Q4002	B1HBCDA00001	TRANSISTOR	1	(E.S.D)
	Q4003	B1ABDF000026	TRANSISTOR	1	(E.S.D)
	Q4004	B1ABDF000026	TRANSISTOR	1	(E.S.D)
	Q4201	B1CBRK000001	TRANSISTOR	1	(E.S.D)
	Q4202	B1CBRK000001	TRANSISTOR	1	(E.S.D)
	Q4203	B1CBRK000001	TRANSISTOR	1	(E.S.D)
	Q4204	B1CBRK000001	TRANSISTOR	1	(E.S.D)
	Q4205	B1CBRK000001	TRANSISTOR	1	(E.S.D)
	Q4206	B1CBRK000001	TRANSISTOR	1	(E.S.D)
	Q4207	B1CBRK000001	TRANSISTOR	1	(E.S.D)
	Q4208	B1CBRK000001	TRANSISTOR	1	(E.S.D)
	Q4209	B1HBCDA00001	TRANSISTOR	1	(E.S.D)
	Q4501	B1CBRK000001	TRANSISTOR	1	(E.S.D)
	Q4502	B1CBRK000001	TRANSISTOR	1	(E.S.D)
	Q4503	B1CBRK000001	TRANSISTOR	1	(E.S.D)
	Q4504	B1CBRK000001	TRANSISTOR	1	(E.S.D)
	Q4505	B1CBRK000001	TRANSISTOR	1	(E.S.D)
	Q4506	B1CBRK000001	TRANSISTOR	1	(E.S.D)
	Q4507	B1CBRK000001	TRANSISTOR	1	(E.S.D)
	Q4508	B1CBRK000001	TRANSISTOR	1	(E.S.D)
	Q4509	B1HBCDA00001	TRANSISTOR	1	(E.S.D)
	Q4511	B1BACG000048	TRANSISTOR	1	(E.S.D)
	Q5001	B1ADCF000001	TRANSISTOR	1	(E.S.D)
	Q8001	B1ADGF000010	TRANSISTOR	1	(E.S.D)
	Q8501	B1ABCF000231	TRANSISTOR	1	(E.S.D)
	Q8502	B1ABCF000231	TRANSISTOR	1	(E.S.D)
	Q8503	B1ABCF000231	TRANSISTOR	1	(E.S.D)
	Q8504	B1AAJC000019	TRANSISTOR	1	(E.S.D)
	Q8505	B1BACG000023	TRANSISTOR	1	(E.S.D)
	Q8506	B1ABCF000231	TRANSISTOR	1	(E.S.D)
	Q8507	B1ABCF000231	TRANSISTOR	1	(E.S.D)
	Q8508	B1ABCF000231	TRANSISTOR	1	(E.S.D)
	Q8509	B1ABCF000231	TRANSISTOR	1	(E.S.D)
	Q8510	B1ABCF000231	TRANSISTOR	1	(E.S.D)
	Q8511	B1ABCF000231	TRANSISTOR	1	(E.S.D)
	Q9003	B1ADCE000012	TRANSISTOR	1	(E.S.D)
	Q9004	B1ADCE000012	TRANSISTOR	1	(E.S.D)
	QR1201	B1GBCFJJ0040	TRANSISTOR	1	(E.S.D)
	QR1601	B1GBCFLL0037	TRANSISTOR	1	(E.S.D)
	QR1720	B1GBCFLL0037	TRANSISTOR	1	(E.S.D)
	QR1802	B1GBCFGN0016	TRANSISTOR	1	(E.S.D)

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	QR4001	B1GBCFJJ0040	TRANSISTOR	1	(E.S.D)
	QR4002	B1GDCFJJ0047	TRANSISTOR	1	(E.S.D)
	QR4201	B1GBCFJJ0040	TRANSISTOR	1	(E.S.D)
	QR4202	B1GBCFJJ0040	TRANSISTOR	1	(E.S.D)
	QR4203	B1GDCFJJ0047	TRANSISTOR	1	(E.S.D)
	QR4501	B1GBCFJJ0040	TRANSISTOR	1	(E.S.D)
	QR4502	B1GDCFNN0032	TRANSISTOR	1	(E.S.D)
	QR4901	B1GBCFJJ0040	TRANSISTOR	1	(E.S.D)
	QR4902	B1GBCFJJ0040	TRANSISTOR	1	(E.S.D)
	QR8001	B1GBCFJJ0040	TRANSISTOR	1	(E.S.D)
	QR8003	B1GBCFJJ0040	TRANSISTOR	1	(E.S.D)
	QR8004	B1GBCFJN0038	TRANSISTOR	1	(E.S.D)
	QR8005	B1GDCFGA0018	TRANSISTOR	1	(E.S.D)
	QR8045	B1GBCFNN0038	TRANSISTOR	1	(E.S.D)
	QR9002	B1GBCFGN0016	TRANSISTOR	1	(E.S.D)
	QR9003	B1GBCFGN0016	TRANSISTOR	1	(E.S.D)
			DIODES		
	D1001	B0FBCR000021	DIODE	1	(E.S.D)
	D1101	B0JCPD000039	DIODE	1	(E.S.D)
	D1104	B0FABR000025	DIODE	1	(E.S.D)
	D1105	B0ECNR000003	DIODE	1	(E.S.D)
	D1206	DZ2J051M0L	DIODE	1	(E.S.D)
	D1207	B0JCPD000039	DIODE	1	(E.S.D)
	D1208	B0FABR000025	DIODE	1	(E.S.D)
	D1402	B0EDHS000002	DIODE	1	(E.S.D)
	D1403	B0HAMP000094	DIODE	1	(E.S.D)
	D1404	B0EAMM000057	DIODE	1	(E.S.D)
	D1405	B0EAMM000057	DIODE	1	(E.S.D)
	D1406	B0ECET000006	DIODE	1	(E.S.D)
	D1500	B3AAA0001129	DIODE	1	(E.S.D)
	D1501	B3AAA0001129	DIODE	1	(E.S.D)
	D1502	B3AAA0001129	DIODE	1	(E.S.D)
	D1502	DZ2J120M0L	DIODE	1	(E.S.D)
	D1503	B0HAMP000094	DIODE	1	(E.S.D)
	D1503	B3AAA0001129	DIODE	1	(E.S.D)
	D1504	B0JCPD000039	DIODE	1	(E.S.D)
	D1504	B3AAA0001129	DIODE	1	(E.S.D)
	D1505	B0JCPD000039	DIODE	1	(E.S.D)
	D1505	B3AAA0001129	DIODE	1	(E.S.D)
	D1506	B0EAMR000018	DIODE	1	(E.S.D)
	D1506	B3AAA0001129	DIODE	1	(E.S.D)
	D1507	B0EAMM000057	DIODE	1	(E.S.D)
	D1507	DA2J10100L	DIODE	1	(E.S.D)
	D1508	B0EAMM000057	DIODE	1	(E.S.D)
	D1508	B3AAA0001129	DIODE	1	(E.S.D)
	D1509	B0EAMM000057	DIODE	1	(E.S.D)
	D1510	B0EAMM000057	DIODE	1	(E.S.D)
	D1511	B3AAA0001129	DIODE	1	(E.S.D)
	D1512	DA2J10100L	DIODE	1	(E.S.D)
	D1513	DA2J10100L	DIODE	1	(E.S.D)
	D1514	B0JCGD000016	DIODE	1	(E.S.D)
	D1515	DA2J10100L	DIODE	1	(E.S.D)
	D1516	DA2J10100L	DIODE	1	(E.S.D)
	D1517	DA2J10100L	DIODE	1	(E.S.D)
	D1518	DA2J10100L	DIODE	1	(E.S.D)
	D1522	DA2J10100L	DIODE	1	(E.S.D)
	D1600	B3AEA0000158	DIODE	1	(E.S.D)
	D1601	B0EAMM000057	DIODE	1	(E.S.D)
	D1601	B3AEA0000158	DIODE	1	(E.S.D)
	D1701	B0ADDH000009	DIODE	1	(E.S.D)
	D1701	DZ2J150M0L	DIODE	1	(E.S.D)
	D1702	B0ADDH000009	DIODE	1	(E.S.D)
	D1702	B0JBSG000053	DIODE	1	(E.S.D)
	D1703	B0JBSL000029	DIODE	1	(E.S.D)
	D1704	B0JBSL000029	DIODE	1	(E.S.D)
	D1705	B0JBSL000029	DIODE	1	(E.S.D)
	D1706	B0JBSL000029	DIODE	1	(E.S.D)
	D1801	B0ADDH000009	DIODE	1	(E.S.D)
	D1802	B0ADDH000009	DIODE	1	(E.S.D)
	D1950	B3AZB0000101	DIODE	1	(E.S.D)
	D1951	B3AZB0000101	DIODE	1	(E.S.D)

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	D1952	DA2J10100L	DIODE	1	(E.S.D)
	D1953	DA2J10100L	DIODE	1	(E.S.D)
	D1954	DA2J10100L	DIODE	1	(E.S.D)
	D1955	DA2J10100L	DIODE	1	(E.S.D)
	D1980	B3AZB0000101	DIODE	1	(E.S.D)
	D1981	B3AZB0000101	DIODE	1	(E.S.D)
	D1982	DA2J10100L	DIODE	1	(E.S.D)
	D1983	DA2J10100L	DIODE	1	(E.S.D)
	D1984	DA2J10100L	DIODE	1	(E.S.D)
	D1985	DA2J10100L	DIODE	1	(E.S.D)
	D4201	B0ACGM000002	DIODE	1	(E.S.D)
	D4202	B0ACGM000002	DIODE	1	(E.S.D)
	D4203	B0ACGM000002	DIODE	1	(E.S.D)
	D4204	B0ACGM000002	DIODE	1	(E.S.D)
	D4205	B0ACGM000002	DIODE	1	(E.S.D)
	D4206	B0ACGM000002	DIODE	1	(E.S.D)
	D4207	B0ACGM000002	DIODE	1	(E.S.D)
	D4208	B0ACGM000002	DIODE	1	(E.S.D)
	D4209	DA2J10100L	DIODE	1	(E.S.D)
	D4210	B0HCMM000024	DIODE	1	(E.S.D)
	D4211	B0HCMM000024	DIODE	1	(E.S.D)
	D4212	B0HCMM000024	DIODE	1	(E.S.D)
	D4213	B0HCMM000024	DIODE	1	(E.S.D)
	D4214	B0HCMM000024	DIODE	1	(E.S.D)
	D4215	B0HCMM000024	DIODE	1	(E.S.D)
	D4216	B0HCMM000024	DIODE	1	(E.S.D)
	D4217	B0HCMM000024	DIODE	1	(E.S.D)
	D4218	DA2J10100L	DIODE	1	(E.S.D)
	D4219	DA2J10100L	DIODE	1	(E.S.D)
	D4501	B0ACGM000002	DIODE	1	(E.S.D)
	D4502	B0ACGM000002	DIODE	1	(E.S.D)
	D4503	B0ACGM000002	DIODE	1	(E.S.D)
	D4504	B0ACGM000002	DIODE	1	(E.S.D)
	D4505	B0ACGM000002	DIODE	1	(E.S.D)
	D4506	B0ACGM000002	DIODE	1	(E.S.D)
	D4507	B0ACGM000002	DIODE	1	(E.S.D)
	D4508	B0ACGM000002	DIODE	1	(E.S.D)
	D4509	DA2J10100L	DIODE	1	(E.S.D)
	D4510	B0HCMM000024	DIODE	1	(E.S.D)
	D4511	B0HCMM000024	DIODE	1	(E.S.D)
	D4512	B0HCMM000024	DIODE	1	(E.S.D)
	D4513	B0HCMM000024	DIODE	1	(E.S.D)
	D4514	B0HCMM000024	DIODE	1	(E.S.D)
	D4515	B0HCMM000024	DIODE	1	(E.S.D)
	D4516	B0HCMM000024	DIODE	1	(E.S.D)
	D4517	B0HCMM000024	DIODE	1	(E.S.D)
	D4518	DA2J10100L	DIODE	1	(E.S.D)
	D4519	DZ2J051M0L	DIODE	1	(E.S.D)
	D4520	DZ2J110M0L	DIODE	1	(E.S.D)
	D4521	DZ2J150M0L	DIODE	1	(E.S.D)
	D5001	B0JCAE000001	DIODE	1	(E.S.D)
	D8001	DA2J10100L	DIODE	1	(E.S.D)
	D8003	DA2J10100L	DIODE	1	(E.S.D)
	D8004	DA2J10100L	DIODE	1	(E.S.D)
	D8005	DZ2J062M0L	DIODE	1	(E.S.D)
	D8006	DZ2J062M0L	DIODE	1	(E.S.D)
	D8008	DA2J10100L	DIODE	1	(E.S.D)
	D8011	DA2J10100L	DIODE	1	(E.S.D)
	D8012	DZ2J130M0L	DIODE	1	(E.S.D)
	D8013	B0JCGD000016	DIODE	1	(E.S.D)
	D8040	B0ADHD000009	DIODE	1	(E.S.D)
	D8501	DA2J10100L	DIODE	1	(E.S.D)
	D8502	DA2J10100L	DIODE	1	(E.S.D)
	D8503	DA2J10100L	DIODE	1	(E.S.D)
	D9000	B3AAA0000487	DIODE	1	(E.S.D)
	D9001	B3AAA0000487	DIODE	1	(E.S.D)
			SURGE ABSORBER		
△	DZ1001	D4EAY511A127	SURGE ABSORBER	1	(E.S.D)
			VARIABLE RESIS-TORS		

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	VR1401	EVUE27FK2B53	MIC JOG	1	
	VR1600	EVEKE2F3024B	VOLUME JOG	1	
	VR1930	EVEKE2F3024B	ILLUMINATION JOG	1	
	VR1960	EVEKE2F3024B	VOLUME JOG	1	
			REMOTE SENSOR		
	IR1730	B3RAB0000109	REMOTE SENSOR	1	
			ESD SUPRESSOR		
	VA7001	EZAEG2A50AX	ESD SUPRESSOR	1	
			LCD DISPLAYS		
	DP1700	A2BB00000186	LCD DISPLAY	1	
	DP1800	A2BB00000186	LCD DISPLAY	1	
			PHOTO COUPLERS		
△	Q1403	B3PBA0000579	PHOTO COUPLER	1	(E.S.D)
△	Q1405	B3PBA0000579	PHOTO COUPLER	1	(E.S.D)
△	Q1404	B3PBA0000579	PHOTO COUPLER	1	(E.S.D)
△	Q1505	B3PBA0000579	PHOTO COUPLER	1	(E.S.D)
			FUSE		
△	F1001	K5D103BNA005	FUSE	1	
△	F1401	K5G501YA0081	FUSE	1	
△	F1501	K5G502Y00006	FUSE	1	
			SWITCHES		
	S1500	EVQ21405RJ	SW POWER	1	
	S1501	EVQ21405RJ	SW MANUAL EQ	1	
	S1502	EVQ21405RJ	SW LATIN /PRE-SET EQ	1	
	S1503	EVQ21405RJ	SW D.BASS/-SUB-WOOFER	1	
	S1504	EVQ21405RJ	SW MEMORY 3	1	
	S1505	EVQ21405RJ	SW MEMORY 2	1	
	S1506	EVQ21405RJ	SW MEMORY 1	1	
	S1507	EVQ21405RJ	SW MEMORY 5	1	
	S1508	EVQ21405RJ	SW MEMORY 4	1	
	S1509	EVQ21405RJ	SW MEMORY 6	1	
	S1510	EVQ21405RJ	SW DJ EFFECT	1	
	S1511	EVQ21405RJ	SW DJ SAMPLER	1	
	S1512	EVQ21405RJ	SW DJ JUKEBOX	1	
	S1650	EVQ21405RJ	SW OPEN/CLOSE	1	
	S1651	EVQ21405RJ	SW USB REC	1	
	S1652	EVQ21405RJ	SW MEMORY REC	1	
	S1653	EVQ21405RJ	SW REW	1	
	S1654	EVQ21405RJ	SW FF	1	
	S1655	EVQ21405RJ	SW ALBUM/TRACK	1	
	S1656	EVQ21405RJ	SW STOP/TUNE MODE	1	
	S1657	EVQ21405RJ	SW BLUETOOTH/MEMORY	1	
	S1658	EVQ21405RJ	SW PLAYBACK	1	
	S1659	EVQ21405RJ	SW USB/CD	1	
	S1660	EVQ21405RJ	SW RADIO/EXT-IN	1	
	S7201	K0L1BA000158	SW RESET	1	
			CONNECTORS		
	CN1401	K1KA09BA0061	9P CONNECTOR	1	
	CN1851	K1KA13BA0062	13P CONNECTOR	1	
	CN1852	K1KA02BA0125	2P CONNECTOR	1	
	CN1853	K1KA10BA0056	10P CONNECTOR	1	
	CN1854	K1KA03BA0061	3P CONNECTOR	1	
	CN7001	K1MY05BA0539	5P CONNECTOR	1	
	CN7002	K1MN10B00016	10P CONNECTOR	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	CN8001	K1ZZ00000834	CONNECTOR	1	
	CN9001	K1KA06BA0061	6P CONNECTOR	1	
	CN9002	K1KA07BA0061	7P CONNECTOR	1	
	P1500	K1MY30BA0566	30P CONNECTOR	1	
	P1501	K1KA04BA0122	4P CONNECTOR	1	
	P1501	K1MY14BA0566	14P CONNECTOR	1	
	P1502	K1KA04BA0122	4P CONNECTOR	1	
	P1502	K1MY22BA0566	22P CONNECTOR	1	
	P1503	K1KZ13A00001	13P CONNECTOR	1	
	P1504	K1MY12AA0267	12P CONNECTOR	1	
	P1600	K1MY22BA0566	22P CONNECTOR	1	
	P1601	K1MN13B00019	13P CONNECTOR	1	
	P1602	K1MY05BA0565	5P CONNECTOR	1	
	P1650	K1MY05BA0565	5P CONNECTOR	1	
	P1700	K1KZ13A00001	13P CONNECTOR	1	
	P1801	K1MY14AA0267	14P CONNECTOR	1	
	P1802	K1MY30AA0267	30P CONNECTOR	1	
	P1803	K1KA09AA0193	9P CONNECTOR	1	
	P1930	K1MY10BA0566	10P CONNECTOR	1	
	P1931	K1MN06B00015	5P CONNECTOR	1	
	P1932	K1MN13B00019	13P CONNECTOR	1	
	P1950	K1MN06B00015	5P CONNECTOR	1	
	P1960	K1MY10BA0566	10P CONNECTOR	1	
	P1961	K1MN06B00015	5P CONNECTOR	1	
	P1980	K1MN06B00015	5P CONNECTOR	1	
	P4501	K1KA10AA0181	10P CONNECTOR	1	
	P5001	K1MN10AA0076	10P CONNECTOR	1	
	P5002	K1MY24A00001	24P CONNECTOR	1	
	P8502	K1KA02AA0186	2P CONNECTOR	1	
	P8503	K1KA02AA0186	2P CONNECTOR	1	
	P9001	K1KA06A00452	6P CONNECTOR	1	
	P9002	K1KA07AA0193	7P CONNECTOR	1	
			COILS AND INDUC-TORS		
⚠	L1001	G0B183J00002	LINE FILTER	1	
⚠	L1002	G0B183J00002	LINE FILTER	1	
	L4001	G1C100KA0101	INDUCTOR	1	
	L4002	G1C100KA0101	INDUCTOR	1	
	L4003	G1C100KA0101	INDUCTOR	1	
	L4201	G0C100M00009	INDUCTOR	1	
	L4202	G0C100M00009	INDUCTOR	1	
	L4501	G0C100M00013	INDUCTOR	1	
	L4502	G0C100M00013	INDUCTOR	1	
	L4503	G0C100M00013	INDUCTOR	1	
	L4504	G0C100M00013	INDUCTOR	1	
	L4505	G1C100KA0101	INDUCTOR	1	
	L4506	G0C100M00009	INDUCTOR	1	
	L7001	G1CR18JA0020	INDUCTOR	1	
	L7002	G2A380Y00002	ANTENNA COIL	1	
	L8001	G1C100MA0226	INDUCTOR	1	
	L8002	G1C100MA0226	INDUCTOR	1	
	L8005	G1C100KA0101	INDUCTOR	1	
	L9001	G1BYYYB00009	CHOKE COIL	1	
	L9002	G1BYYYB00009	CHOKE COIL	1	
	LB801	J0JGC0000063	INDUCTOR	1	
	LB1001	J0JKB0000015	INDUCTOR	1	
	LB1001	J0JYC0000656	INDUCTOR	1	
	LB1002	J0JKB0000015	INDUCTOR	1	
	LB1002	J0JYC0000656	INDUCTOR	1	
	LB1003	J0JYC0000656	INDUCTOR	1	
	LB1004	J0JYC0000656	INDUCTOR	1	
	LB1005	ERJ3GEYJ100V	10 1/10W	1	
	LB1005	J0JKB0000015	INDUCTOR	1	
	LB1006	J0JKB0000015	INDUCTOR	1	
	LB1006	J0JYC0000656	INDUCTOR	1	
	LB1007	J0JYC0000656	INDUCTOR	1	
	LB1008	J0JCC0000286	INDUCTOR	1	
	LB1009	J0JCC0000286	INDUCTOR	1	
	LB1010	J0JCC0000286	INDUCTOR	1	
	LB1011	J0JCC0000286	INDUCTOR	1	
	LB1012	J0JCC0000286	INDUCTOR	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	LB1013	J0JCC0000286	INDUCTOR	1	
	LB1014	J0JCC0000286	INDUCTOR	1	
	LB1015	J0JCC0000286	INDUCTOR	1	
	LB1016	J0JYC0000656	INDUCTOR	1	
	LB1017	J0JCC0000286	INDUCTOR	1	
	LB1018	J0JCC0000286	INDUCTOR	1	
	LB1019	J0JCC0000287	INDUCTOR	1	
	LB1020	J0JCC0000287	INDUCTOR	1	
	LB1021	J0JCC0000287	INDUCTOR	1	
	LB1022	J0JCC0000287	INDUCTOR	1	
	LB1023	J0JCC0000287	INDUCTOR	1	
	LB1024	J0JCC0000287	INDUCTOR	1	
	LB1025	J0JCC0000286	INDUCTOR	1	
	LB1026	J0JCC0000286	INDUCTOR	1	
	LB1027	J0JCC0000286	INDUCTOR	1	
	LB1028	J0JCC0000286	INDUCTOR	1	
	LB1029	J0JCC0000286	INDUCTOR	1	
	LB1030	J0JYC0000656	INDUCTOR	1	
	LB1031	J0JYC0000656	INDUCTOR	1	
	LB1032	J0JYC0000656	INDUCTOR	1	
	LB1033	J0JYC0000656	INDUCTOR	1	
	LB1034	J0JCC0000286	INDUCTOR	1	
	LB1035	J0JCC0000286	INDUCTOR	1	
	LB1036	J0JCC0000286	INDUCTOR	1	
	LB1037	J0JYC0000656	INDUCTOR	1	
	LB1038	J0JYC0000656	INDUCTOR	1	
	LB1039	J0JYC0000656	INDUCTOR	1	
	LB1040	J0JCC0000286	INDUCTOR	1	
	LB1041	J0JCC0000286	INDUCTOR	1	
	LB1102	J0JKB0000015	INDUCTOR	1	
	LB1103	D0GBR00J0004	0 1/10W	1	
	LB1104	D0GBR00J0004	0 1/10W	1	
	LB1201	J0JYC0000656	INDUCTOR	1	
	LB1203	D0GBR00J0004	0 1/10W	1	
	LB1204	D0GBR00J0004	0 1/10W	1	
	LB1222	J0JHC0000046	INDUCTOR	1	
	LB1404	J0JBC0000019	INDUCTOR	1	
	LB1405	J0JBC0000019	INDUCTOR	1	
	LB1406	J0JBC0000019	INDUCTOR	1	
	LB1407	J0JBC0000019	INDUCTOR	1	
	LB1501	J0JGC0000020	INDUCTOR	1	
	LB1501	J0JYC0000070	INDUCTOR	1	
	LB1502	J0JYC0000070	INDUCTOR	1	
	LB1503	J0JYC0000070	INDUCTOR	1	
	LB1504	J0JYC0000070	INDUCTOR	1	
	LB1505	J0JYC0000070	INDUCTOR	1	
	LB1506	J0JYC0000070	INDUCTOR	1	
	LB1507	J0JYC0000070	INDUCTOR	1	
	LB1508	J0JYC0000656	INDUCTOR	1	
	LB1509	J0JYC0000656	INDUCTOR	1	
	LB1801	J0JYC0000656	INDUCTOR	1	
	LB1802	J0JYC0000656	INDUCTOR	1	
	LB1803	J0JYC0000656	INDUCTOR	1	
	LB1804	J0JYC0000656	INDUCTOR	1	
	LB1805	J0JYC0000656	INDUCTOR	1	
	LB1806	J0JYC0000656	INDUCTOR	1	
	LB1807	J0JYC0000656	INDUCTOR	1	
	LB1808	J0JYC0000656	INDUCTOR	1	
	LB1809	J0JYC0000656	INDUCTOR	1	
	LB1810	J0JYC0000656	INDUCTOR	1	
	LB1811	J0JYC0000656	INDUCTOR	1	
	LB1812	J0JYC0000656	INDUCTOR	1	
	LB1813	J0JYC0000656	INDUCTOR	1	
	LB1814	J0JYC0000656	INDUCTOR	1	
	LB1815	J0JYC0000656	INDUCTOR	1	
	LB2001	J0JYC0000656	INDUCTOR	1	
	LB4001	J0JYC0000656	INDUCTOR	1	
	LB4002	J0JYC0000656	INDUCTOR	1	
	LB4271	J0JYC0000656	INDUCTOR	1	
	LB4803	D0GAR00J0005	0 1/16W	1	
	LB4804	D0GAR00J0005	0 1/16W	1	
	LB4805	J0JYC0000423	INDUCTOR	1	
	LB4901	J0JYC0000656	INDUCTOR	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	LB5001	J0JYC0000656	INDUCTOR	1	
	LB5002	G1C100KA0101	INDUCTOR	1	
	LB5003	J0JHC0000045	INDUCTOR	1	
	LB5004	J0JHC0000045	INDUCTOR	1	
	LB5005	J0JYC0000656	INDUCTOR	1	
	LB5006	J0JYC0000656	INDUCTOR	1	
	LB5007	J0JYC0000656	INDUCTOR	1	
	LB5008	J0JYC0000656	INDUCTOR	1	
	LB5009	J0JYC0000656	INDUCTOR	1	
	LB5010	J0JYC0000656	INDUCTOR	1	
	LB5011	J0JYC0000656	INDUCTOR	1	
	LB5012	J0JYC0000656	INDUCTOR	1	
	LB5013	J0JYC0000656	INDUCTOR	1	
	LB5014	J0JYC0000656	INDUCTOR	1	
	LB5015	J0JYC0000656	INDUCTOR	1	
	LB5016	J0JYC0000656	INDUCTOR	1	
	LB7001	J0JYC0000656	INDUCTOR	1	
	LB7002	J0JYC0000118	INDUCTOR	1	
	LB8001	J0JHC0000046	INDUCTOR	1	
	LB8002	J0JHC0000046	INDUCTOR	1	
	LB8003	J0JGC0000063	INDUCTOR	1	
	LB8004	J0JHC0000046	INDUCTOR	1	
	LB8005	J0JHC0000046	INDUCTOR	1	
	LB8011	J0JGC0000063	INDUCTOR	1	
	LB9001	J0JGC0000070	INDUCTOR	1	
	LB9002	J0JGC0000070	INDUCTOR	1	
	T9001	J0ZZB0000182	FILTER	1	
	T9002	J0ZZB0000182	FILTER	1	
			TRANSFORMERS		
	T1101	G0C400K00002	PFC INDUCTOR	1	
	T1203	G0C400K00002	PFC INDUCTOR	1	
⚠	T1401	G4DYA0000688	SWITCHING TRANSFORMER	1	
⚠	T1501	G4DYA0000691	SWITCHING TRANSFORMER	1	
⚠	T1502	G4DYA0000691	SWITCHING TRANSFORMER	1	
			TERMINALS		
	ZJ1001	K4CZ01000027	TERMINAL	1	
	ZJ1004	K4CZ01000027	TERMINAL	1	
	ZJ1103	K4CZ01000027	TERMINAL	1	
	ZJ1701	K4CZ01000027	TERMINAL	1	
	ZJ1851	K4CZ01000027	TERMINAL	1	
	ZJ8001	K9ZZ00001279	EARTH PLATE	1	
	ZJ8003	K9ZZ00001279	EARTH PLATE	1	
			OSCILLATORS		
	X1001	H0J169500045	OSCILLATOR	1	
	X1002	H0A327200191	OSCILLATOR	1	
	X4001	H0J245500110	OSCILLATOR	1	
	X4201	H2A464300001	OSCILLATOR	1	
	X4202	H2A500300018	OSCILLATOR	1	
			FUSE HOLDERS		
	ZA1002	K3GE1ZZ00001	FUSE HOLDER	1	
	ZA1003	K3GE1ZZ00001	FUSE HOLDER	1	
			CABLE HOLDER		
	ZA1701	K1YF03000002	3P CABLE HOLDER	1	
			THERMISTOR		
	TH1801	D4CCY1040001	THERMISTOR	1	
			JACKS		
	JK1402	K2HC1YYB0033	JK AUX IN2	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	JK1403	K2HB107B0001	JK MIC VOL	1	
	JK4201	K4AZ12A00019	JK SPEAKERS	1	
	JK4952	K2HA2YYA0006	JK AUX IN	1	
	JK7001	K4ZZ02000103	JK FM ANTENNA	1	
	JK7002	K4AC02B00042	JK AM ANTENNA	1	
	JK9001	K1FY104A0034	JK USB_A	1	
	JK9002	K1FY104A0034	JK USB_B	1	
⚠	P1001	K2AZYA000005	AC INLET	1	
			CHIP JUMPERS		
	W73	ERJ8GEY0R00V	0 1/4W	1	
	W74	ERJ6GEY0R00V	0 1/8W	1	
	W1000	ERJ8GEY0R00V	0 1/4W	1	
	W1001	ERJ8GEY0R00V	0 1/4W	1	
	W1002	ERJ3GEY0R00V	0 1/10W	1	
	W1003	ERJ3GEY0R00V	0 1/10W	1	
	W1004	ERJ6GEY0R00V	0 1/8W	1	
	W2000	ERJ8GEY0R00V	0 1/4W	1	
	W2001	ERJ8GEY0R00V	0 1/4W	1	
	W2002	ERJ3GEY0R00V	0 1/10W	1	
	W2003	ERJ8GEY0R00V	0 1/4W	1	
	W2004	ERJ6GEY0R00V	0 1/8W	1	
	W2005	ERJ6GEY0R00V	0 1/8W	1	
	W2006	ERJ6GEY0R00V	0 1/8W	1	
	W2007	ERJ8GEY0R00V	0 1/4W	1	
	W2008	ERJ8GEY0R00V	0 1/4W	1	
	W2012	ERJ6GEY0R00V	0 1/8W	1	
	W2014	ERJ8GEY0R00V	0 1/4W	1	
	W2015	ERJ6GEY0R00V	0 1/8W	1	
	W2019	ERJ6GEY0R00V	0 1/8W	1	
	W2021	ERJ3GEY0R00V	0 1/10W	1	
	W2022	ERJ6GEY0R00V	0 1/8W	1	
	W2023	ERJ6GEY0R00V	0 1/8W	1	
	W2024	ERJ6GEY0R00V	0 1/8W	1	
	W2025	ERJ6GEY0R00V	0 1/8W	1	
	W2026	ERJ6GEY0R00V	0 1/8W	1	
	W2027	ERJ6GEY0R00V	0 1/8W	1	
	W2028	ERJ6GEY0R00V	0 1/8W	1	
	W2029	ERJ6GEY0R00V	0 1/8W	1	
	W2030	ERJ8GEY0R00V	0 1/4W	1	
	W2031	ERJ6GEY0R00V	0 1/8W	1	
	W2032	ERJ6GEY0R00V	0 1/8W	1	
	W2033	ERJ6GEY0R00V	0 1/8W	1	
	W2034	ERJ6GEY0R00V	0 1/8W	1	
	W2035	ERJ8GEY0R00V	0 1/4W	1	
	W2036	ERJ3GEY0R00V	0 1/10W	1	
	W2037	ERJ8GEY0R00V	0 1/4W	1	
	W2038	ERJ8GEY0R00V	0 1/4W	1	
	W2039	ERJ3GEY0R00V	0 1/10W	1	
	W2040	ERJ6GEY0R00V	0 1/8W	1	
	W2041	ERJ3GEY0R00V	0 1/10W	1	
	W2042	ERJ6GEY0R00V	0 1/8W	1	
	W2044	ERJ6GEY0R00V	0 1/8W	1	
	W2049	ERJ6GEY0R00V	0 1/8W	1	
	W2050	ERJ3GEY0R00V	0 1/10W	1	
	W2054	ERJ8GEY0R00V	0 1/4W	1	
	W2055	ERJ8GEY0R00V	0 1/4W	1	
	W4000	ERJ3GEY0R00V	0 1/10W	1	
	W4001	ERJ3GEY0R00V	0 1/10W	1	
	W4002	ERJ3GEY0R00V	0 1/10W	1	
	W4003	ERJ3GEY0R00V	0 1/10W	1	
	W6000	ERJ6GEY0R00V	0 1/8W	1	
	W6001	ERJ6GEY0R00V	0 1/8W	1	
	W6002	ERJ6GEY0R00V	0 1/8W	1	
	W6003	ERJ6GEY0R00V	0 1/8W	1	
	W7000	ERJ8GEY0R00V	0 1/4W	1	
	W7002	ERJ6GEY0R00V	0 1/8W	1	
	W7004	ERJ8GEY0R00V	0 1/4W	1	
	W7006	ERJ6GEY0R00V	0 1/8W	1	
	W7009	ERJ6GEY0R00V	0 1/8W	1	
	W7011	ERJ8GEY0R00V	0 1/4W	1	
	W7016	ERJ8GEY0R00V	0 1/4W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	W7017	ERJ8GEY0R00V	0 1/4W	1	
	W7018	ERJ8GEY0R00V	0 1/4W	1	
	W7019	ERJ6GEY0R00V	0 1/8W	1	
	W7021	ERJ6GEY0R00V	0 1/8W	1	
	W7022	ERJ6GEY0R00V	0 1/8W	1	
	W7023	ERJ8GEY0R00V	0 1/4W	1	
	W7024	ERJ8GEY0R00V	0 1/4W	1	
	K1400	D0GBR00J0004	0 1/10W	1	
	K1401	D0GDR00J0004	0 1/8W	1	
	K1402	D0GBR00J0004	0 1/10W	1	
	K8001	D0GBR00J0004	0 1/10W	1	
	K8002	D0GDR00J0004	0 1/8W	1	
	K8004	D0GDR00J0004	0 1/8W	1	
	K8005	D0GDR00J0004	0 1/8W	1	
			RESISTORS		
	R1001	D0GB471JA065	470 1/10W	1	
△	R1001	D0GF105JA048	1M 1/4W	1	
	R1002	D0GB101JA065	100 1/10W	1	
△	R1002	D0GF105JA048	1M 1/4W	1	
	R1004	D0GBR00J0004	0 1/10W	1	
	R1005	D0GB103JA065	10K 1/10W	1	
	R1010	D0GA221JA023	220 1/16W	1	
	R1011	D0GB221JA065	220 1/10W	1	
	R1012	D0GB221JA065	220 1/10W	1	
	R1013	D0GB221JA065	220 1/10W	1	
	R1015	D0GB102JA065	1K 1/10W	1	
	R1016	D0GB101JA065	100 1/10W	1	
	R1017	D0GB101JA065	100 1/10W	1	
	R1018	D0GB101JA065	100 1/10W	1	
	R1019	D0GB334JA065	330K 1/10W	1	
	R1022	D0GB221JA065	220 1/10W	1	
	R1023	D0GB221JA065	220 1/10W	1	
	R1024	D0GB681JA065	680 1/10W	1	
	R1025	D0GB105JA065	1M 1/10W	1	
	R1026	D0GB224JA065	220K 1/10W	1	
	R1027	D0GB106JA065	10M 1/10W	1	
	R1028	D0GB101JA065	100 1/10W	1	
	R1029	D0GB103JA065	10K 1/10W	1	
	R1031	D0GB103JA065	10K 1/10W	1	
	R1032	D0GB103JA065	10K 1/10W	1	
	R1033	D0GB393JA065	39K 1/10W	1	
	R1034	D0GB103JA065	10K 1/10W	1	
	R1036	D0GBR00J0004	0 1/10W	1	
	R1038	D0GB103JA065	10K 1/10W	1	
	R1039	D0GB222JA065	2.2K 1/10W	1	
	R1040	D0GB222JA065	2.2K 1/10W	1	
	R1043	D0GB103JA065	10K 1/10W	1	
	R1044	D0GB103JA065	10K 1/10W	1	
	R1045	D0GB101JA065	100 1/10W	1	
	R1046	J0JYC0000656	INDUCTOR	1	
	R1048	D0GB101JA065	100 1/10W	1	
	R1049	D0GB101JA065	100 1/10W	1	
	R1050	D0GB101JA065	100 1/10W	1	
	R1051	D0GB101JA065	100 1/10W	1	
	R1052	D0GB103JA065	10K 1/10W	1	
	R1055	D0GA101JA023	100 1/16W	1	
	R1056	D0GA101JA023	100 1/16W	1	
	R1057	D0GA101JA023	100 1/16W	1	
	R1058	D0GA101JA023	100 1/16W	1	
	R1059	D0GA101JA023	100 1/16W	1	
	R1060	D0GA101JA023	100 1/16W	1	
	R1065	D0GB101JA065	100 1/10W	1	
	R1066	D0GB101JA065	100 1/10W	1	
	R1067	D1BB6802A074	68K 1/10W	1	
	R1068	D1BB1502A074	15K 1/10W	1	
	R1078	D0GA101JA023	100 1/16W	1	
	R1100	D0GB101JA065	100 1/10W	1	
	R1102	D0GD153JA052	15K 1/8W	1	
	R1104	ERJ14YJ470U	47 1/2W	1	
	R1105	D0GB103JA065	10K 1/10W	1	
	R1106	D0GB334JA065	330K 1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	R1106	ERJ14YJ220U	22 1/2W	1	
	R1107	D0GD822JA052	8.2K 1/8W	1	
	R1109	D0GD102JA052	1K 1/8W	1	
	R1111	D0GD103JA052	10K 1/8W	1	
	R1112	ERX2LJ47MP	47m 2W	1	
	R1114	D0GB103JA065	10K 1/10W	1	
	R1114	D0GD123JA052	12K 1/8W	1	
	R1116	ERX2LJ47MP	47m 2W	1	
	R1117	D0GB103JA065	10K 1/10W	1	
	R1120	D0GB101JA065	100 1/10W	1	
	R1121	D0GB101JA065	100 1/10W	1	
	R1150	D0GBR00J0004	0 1/10W	1	
	R1155	D0GBR00J0004	0 1/10W	1	
	R1204	D0GBR00J0004	0 1/10W	1	
	R1205	D0GD183JA052	18K 1/8W	1	
	R1206	D0GD102JA052	1K 1/8W	1	
	R1212	D0GBR00J0004	0 1/10W	1	
	R1220	ERJ14YJ470U	47 1/2W	1	
	R1221	ERJ14YJ220U	22 1/2W	1	
	R1224	D0GD102JA052	1K 1/8W	1	
	R1225	D0GD103JA052	10K 1/8W	1	
	R1226	D1BB3901A074	3.9K 1/10W	1	
	R1226	ERX2LJ47MP	47m 2W	1	
	R1227	ERX2LJ47MP	47m 2W	1	
	R1228	D0GB683JA065	68K 1/10W	1	
	R1229	D1BB3301A074	3.3K 1/10W	1	
	R1236	D0GB103JA065	10K 1/10W	1	
	R1401	D0GB153JA065	15K 1/10W	1	
	R1402	D0GB222JA065	2.2K 1/10W	1	
	R1403	D0GB101JA065	100 1/10W	1	
	R1404	D0GB472JA065	4.7K 1/10W	1	
	R1405	D0GB682JA065	6.8K 1/10W	1	
	R1406	D0GB104JA065	100K 1/10W	1	
	R1407	D0GB561JA065	560 1/10W	1	
	R1408	D0GB681JA065	680 1/10W	1	
	R1409	D0GBR00J0004	0 1/10W	1	
	R1411	D0GB153JA065	15K 1/10W	1	
	R1412	D0GB681JA065	680 1/10W	1	
	R1412	D0GD474JA052	470K 1/8W	1	
	R1413	D0GD102JA052	1K 1/8W	1	
	R1414	D0GD103JA052	10K 1/8W	1	
	R1415	D0GZ104JA012	100K 1W	1	
	R1416	D0GD331JA052	330 1/8W	1	
	R1417	D0GF224JA048	220K 1/4W	1	
	R1418	D0GF224JA048	220K 1/4W	1	
	R1419	D0GD220JA052	22 1/8W	1	
	R1420	D0GB221JA065	220 1/10W	1	
	R1420	D0GD824JA052	820K 1/8W	1	
	R1500	D0GBR00J0004	0 1/10W	1	
	R1501	D0GB273JA065	27K 1/10W	1	
	R1501	D0GBR00J0004	0 1/10W	1	
	R1501	D0GD684JA052	680K 1/8W	1	
	R1502	D0GBR00J0004	0 1/10W	1	
	R1502	D0GD684JA052	680K 1/8W	1	
	R1503	D0GB393JA065	39K 1/10W	1	
	R1503	D0GBR00J0004	0 1/10W	1	
	R1503	D0GD105JA052	1M 1/8W	1	
	R1504	D0GB330JA065	33 1/10W	1	
	R1504	D0GBR00J0004	0 1/10W	1	
	R1504	D0GD472JA052	4.7K 1/8W	1	
	R1505	D0GBR00J0004	0 1/10W	1	
	R1505	D0GD103JA052	10K 1/8W	1	
	R1506	D0GBR00J0004	0 1/10W	1	
	R1506	D0GDR00J0004	0 1/8W	1	
	R1507	D0GBR00J0004	0 1/10W	1	
	R1507	D0GD224JA052	220K 1/8W	1	
	R1508	D0GBR00J0004	0 1/10W	1	
	R1508	ERJ14YJ470U	4.7 1/2W	1	
	R1509	D0GBR00J0004	0 1/10W	1	
	R1509	ERJ14YJ470U	4.7 1/2W	1	
	R1510	D0GD470JA052	47 1/8W	1	
	R1511	D0GD330JA052	33 1/8W	1	
	R1512	D0GBR00J0004	0 1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	R1512	ERJ14YJ220U	22 1/2W	1	
	R1513	D0GBR00J0004	0 1/10W	1	
	R1513	ERJ14YJ220U	22 1/2W	1	
	R1514	D0GDR00J0004	0 1/8W	1	
	R1514	D0GD180JA052	18 1/8W	1	
	R1515	D0GDR00J0004	0 1/8W	1	
	R1515	D0GD682JA052	6.8K 1/8W	1	
	R1516	D0GD473JA052	47K 1/8W	1	
	R1517	D0GD473JA052	47K 1/8W	1	
	R1518	ERX2SZJR12P	0.12 2W	1	
	R1519	ERX2SZJR12P	0.12 2W	1	
	R1524	ERX2SZJR10P	0.12 2W	1	
	R1525	D0GB392JA065	3.9K 1/10W	1	
	R1526	D0GBR00J0004	0 1/10W	1	
	R1527	D0GBR00J0004	0 1/10W	1	
	R1528	D0GB392JA065	3.9K 1/10W	1	
	R1529	D0GB392JA065	3.9K 1/10W	1	
	R1530	D0GB682JA065	6.8K 1/10W	1	
	R1531	D0GB392JA065	3.9K 1/10W	1	
	R1532	D0GB183JA065	18K 1/10W	1	
	R1533	D0GBR00J0004	0 1/10W	1	
	R1534	D0GB183JA065	18K 1/10W	1	
	R1535	D0GB682JA065	6.8K 1/10W	1	
	R1536	D0GB392JA065	3.9K 1/10W	1	
	R1600	D0GB103JA065	10K 1/10W	1	
	R1601	D0GB103JA065	10K 1/10W	1	
	R1601	D0GD331JA052	330 1/8W	1	
	R1602	D0GB151JA065	150 1/10W	1	
	R1602	D0GB750JA065	75 1/10W	1	
	R1603	D0GB153JA065	15K 1/10W	1	
	R1603	D0GB750JA065	75 1/10W	1	
	R1604	D0GBR00J0004	0 1/10W	1	
	R1604	D1BB1002A074	10K 1/10W	1	
	R1605	D0GBR00J0004	0 1/10W	1	
	R1605	D1BB1001A074	1K 1/10W	1	
	R1606	D0GBR00J0004	0 1/10W	1	
	R1606	D1BB1002A074	10K 1/10W	1	
	R1607	D0GB222JA065	2.2K 1/10W	1	
	R1607	D0GBR00J0004	0 1/10W	1	
	R1608	D0GBR00J0004	0 1/10W	1	
	R1609	D0GBR00J0004	0 1/10W	1	
	R1610	D0GBR00J0004	0 1/10W	1	
	R1611	D0GBR00J0004	0 1/10W	1	
	R1612	D0GBR00J0004	0 1/10W	1	
	R1613	D0GBR00J0004	0 1/10W	1	
	R1650	D0GB222JA065	2.2K 1/10W	1	
	R1651	D0GB392JA065	3.9K 1/10W	1	
	R1652	D0GB752JA065	7.5K 1/10W	1	
	R1655	D0GBR00J0004	0 1/10W	1	
	R1656	D0GB392JA065	3.9K 1/10W	1	
	R1657	D0GB682JA065	6.8K 1/10W	1	
	R1658	D0GB392JA065	3.9K 1/10W	1	
	R1659	D0GB682JA065	6.8K 1/10W	1	
	R1660	D0GB682JA065	6.8K 1/10W	1	
	R1661	D0GB183JA065	18K 1/10W	1	
	R1662	D0GB183JA065	18K 1/10W	1	
	R1663	D0GBR00J0004	0 1/10W	1	
	R1664	D0GBR00J0004	0 1/10W	1	
	R1700	D0GF330JA048	33 1/4W	1	
	R1701	D0GD152JA052	1.5K 1/8W	1	
	R1701	D0GF390JA048	39 1/4W	1	
	R1702	D0GD272JA052	2.7K 1/8W	1	
	R1703	D0GB122JA065	1.2K 1/10W	1	
	R1703	D0GD272JA052	2.7K 1/8W	1	
	R1704	D0GB104JA065	100K 1/10W	1	
	R1704	D0GB473JA065	47K 1/10W	1	
	R1705	D0GB101JA065	100 1/10W	1	
	R1706	D0GBR00J0004	0 1/10W	1	
	R1706	D0GD273JA052	27K 1/8W	1	
	R1708	D1BB3302A074	33K 1/10W	1	
	R1709	D0GBR00J0004	0 1/10W	1	
	R1709	D1BB3302A074	33K 1/10W	1	
	R1710	D0GBR00J0004	0 1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	R1710	D1BB1202A074	12K 1/10W	1	
	R1711	D0GBR00J0004	0 1/10W	1	
	R1711	D1BB2401A074	2.4K 1/10W	1	
	R1712	D0GZ222JA012	2.2K 1W	1	
	R1713	D0GB272JA065	2.7K 1/10W	1	
	R1713	D0GZ222JA012	2.2K 1W	1	
	R1714	D0GB472JA065	4.7K 1/10W	1	
	R1714	D0GZ222JA012	2.2K 1W	1	
	R1715	D0GB223JA065	22K 1/10W	1	
	R1715	D0GZ222JA012	2.2K 1W	1	
	R1716	D0GB473JA065	47K 1/10W	1	
	R1716	D0GD102JA052	1K 1/8W	1	
	R1717	D0GBR00J0004	0 1/10W	1	
	R1718	D0GBR00J0004	0 1/10W	1	
	R1720	D0GB103JA065	10K 1/10W	1	
	R1720	D0GBR00J0004	0 1/10W	1	
	R1721	D0GBR00J0004	0 1/10W	1	
	R1721	D1BB4702A074	47K 1/10W	1	
	R1722	D0GB473JA065	47K 1/10W	1	
	R1722	D0GBR00J0004	0 1/10W	1	
	R1723	D0GB103JA065	10K 1/10W	1	
	R1723	D0GBR00J0004	0 1/10W	1	
	R1724	D0GB221JA065	220 1/10W	1	
	R1724	D0GBR00J0004	0 1/10W	1	
	R1725	D0GBR00J0004	0 1/10W	1	
	R1726	D0GBR00J0004	0 1/10W	1	
	R1730	D0GB330JA065	33 1/10W	1	
	R1800	D0GF330JA048	33 1/4W	1	
	R1801	D0GF390JA048	39 1/4W	1	
	R1801	J0JYC0000656	INDUCTOR	1	
	R1802	J0JYC0000656	INDUCTOR	1	
	R1803	D0GB122JA065	1.2K 1/10W	1	
	R1803	J0JYC0000656	INDUCTOR	1	
	R1804	D0GB473JA065	47K 1/10W	1	
	R1804	J0JYC0000656	INDUCTOR	1	
	R1805	J0JYC0000656	INDUCTOR	1	
	R1806	D0GBR00J0004	0 1/10W	1	
	R1806	J0JYC0000656	INDUCTOR	1	
	R1807	J0JYC0000656	INDUCTOR	1	
	R1808	J0JYC0000656	INDUCTOR	1	
	R1809	D0GB102JA065	1K 1/10W	1	
	R1809	D0GBR00J0004	0 1/10W	1	
	R1810	D0GBR00J0004	0 1/10W	1	
	R1810	J0JYC0000656	INDUCTOR	1	
	R1811	D0GBR00J0004	0 1/10W	1	
	R1811	J0JYC0000656	INDUCTOR	1	
	R1812	J0JYC0000656	INDUCTOR	1	
	R1813	D0GB272JA065	2.7K 1/10W	1	
	R1813	D0GBR00J0004	0 1/10W	1	
	R1814	D0GB472JA065	4.7K 1/10W	1	
	R1814	J0JYC0000656	INDUCTOR	1	
	R1815	D0GB223JA065	22K 1/10W	1	
	R1815	D0GB472JA065	4.7K 1/10W	1	
	R1816	D0GB473JA065	47K 1/10W	1	
	R1816	J0JYC0000656	INDUCTOR	1	
	R1817	J0JYC0000656	INDUCTOR	1	
	R1818	J0JYC0000656	INDUCTOR	1	
	R1819	J0JYC0000656	INDUCTOR	1	
	R1820	J0JYC0000656	INDUCTOR	1	
	R1821	J0JYC0000656	INDUCTOR	1	
	R1822	D0GBR00J0004	0 1/10W	1	
	R1823	D0GBR00J0004	0 1/10W	1	
	R1826	D0GBR00J0004	0 1/10W	1	
	R1827	D0GB472JA065	4.7K 1/10W	1	
	R1828	J0JYC0000656	INDUCTOR	1	
	R1930	D0GB103JA065	10K 1/10W	1	
	R1931	D0GB103JA065	10K 1/10W	1	
	R1960	D0GB103JA065	10K 1/10W	1	
	R1961	D0GB103JA065	10K 1/10W	1	
	R2001	D0GB473JA065	47K 1/10W	1	
	R2002	D0GB473JA065	47K 1/10W	1	
	R2003	D0GB473JA065	47K 1/10W	1	
	R2004	D0GB473JA065	47K 1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	R2005	D0GB473JA065	47K 1/10W	1	
	R2006	D0GB473JA065	47K 1/10W	1	
	R2007	D0GB473JA065	47K 1/10W	1	
	R2008	D0GB103JA065	10K 1/10W	1	
	R4001	D0GB152JA065	1.5K 1/10W	1	
	R4002	D0GB105JA065	1M 1/10W	1	
	R4007	D0GB101JA065	100 1/10W	1	
	R4008	D0GB101JA065	100 1/10W	1	
	R4009	D0GB101JA065	100 1/10W	1	
	R4010	D0GB101JA065	100 1/10W	1	
	R4011	D0GB101JA065	100 1/10W	1	
	R4012	D0GB101JA065	100 1/10W	1	
	R4013	D0GB101JA065	100 1/10W	1	
	R4016	D0GB221JA065	220 1/10W	1	
	R4017	D0GB221JA065	220 1/10W	1	
	R4019	D0GB101JA065	100 1/10W	1	
	R4020	D0GB101JA065	100 1/10W	1	
	R4021	D0GB101JA065	100 1/10W	1	
	R4022	D0GB182JA065	1.8K 1/10W	1	
	R4023	D0GB682JA065	6.8K 1/10W	1	
	R4024	D0GB681JA065	680 1/10W	1	
	R4025	D0GB473JA065	47K 1/10W	1	
	R4029	D0GDR00J0004	0 1/8W	1	
	R4030	D0GB562JA065	5.6K 1/10W	1	
	R4031	D0GB103JA065	10K 1/10W	1	
	R4032	D0GB562JA065	5.6K 1/10W	1	
	R4033	D0GB103JA065	10K 1/10W	1	
	R4034	D0GB153JA065	15K 1/10W	1	
	R4035	D0GB153JA065	15K 1/10W	1	
	R4036	D0GB104JA065	100K 1/10W	1	
	R4037	D0GB152JA065	1.5K 1/10W	1	
	R4038	D0GB821JA065	820 1/10W	1	
	R4039	D0GB153JA065	15K 1/10W	1	
	R4040	D0GB562JA065	5.6K 1/10W	1	
	R4041	D0GB103JA065	10K 1/10W	1	
	R4042	D0GB153JA065	15K 1/10W	1	
	R4043	D0GB103JA065	10K 1/10W	1	
	R4044	D0GB562JA065	5.6K 1/10W	1	
	R4045	D0GB152JA065	1.5K 1/10W	1	
	R4046	D0GB821JA065	820 1/10W	1	
	R4047	D0GB104JA065	100K 1/10W	1	
	R4048	D0GB153JA065	15K 1/10W	1	
	R4049	D0GB103JA065	10K 1/10W	1	
	R4050	D0GB562JA065	5.6K 1/10W	1	
	R4051	D0GB332JA065	3.3K 1/10W	1	
	R4052	D0GB821JA065	820 1/10W	1	
	R4053	D0GB103JA065	10K 1/10W	1	
	R4054	D0GB153JA065	15K 1/10W	1	
	R4055	D0GB562JA065	5.6K 1/10W	1	
	R4056	D0GB104JA065	100K 1/10W	1	
	R4057	D0GB104JA065	100K 1/10W	1	
	R4058	D0GB152JA065	1.5K 1/10W	1	
	R4059	D0GB152JA065	1.5K 1/10W	1	
	R4060	D0GB104JA065	100K 1/10W	1	
	R4061	D0GB103JA065	10K 1/10W	1	
	R4062	D0GB153JA065	15K 1/10W	1	
	R4063	D0GB562JA065	5.6K 1/10W	1	
	R4064	D0GB103JA065	10K 1/10W	1	
	R4065	D0GB562JA065	5.6K 1/10W	1	
	R4066	D0GB153JA065	15K 1/10W	1	
	R4067	D0GB821JA065	820 1/10W	1	
	R4068	D0GB104JA065	100K 1/10W	1	
	R4069	D0GB332JA065	3.3K 1/10W	1	
	R4070	D0GB103JA065	10K 1/10W	1	
	R4074	D0GB101JA065	100 1/10W	1	
	R4075	D0GB821JA065	820 1/10W	1	
	R4076	D0GB821JA065	820 1/10W	1	
	R4077	D0GB101JA065	100 1/10W	1	
	R4078	D0GDR00J0004	0 1/8W	1	
	R4079	D0GDR00J0004	0 1/8W	1	
	R4080	D0GB222JA065	2.2K 1/10W	1	
	R4081	D0GBR00J0004	0 1/10W	1	
	R4201	D0GB100JA065	10 1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	R4202	D0GB100JA065	10 1/10W	1	
	R4203	D0GB222JA065	2.2K 1/10W	1	
	R4204	D0GB151JA065	150 1/10W	1	
	R4205	D0GB822JA065	8.2K 1/10W	1	
	R4206	D0GB222JA065	2.2K 1/10W	1	
	R4207	D0GB822JA065	8.2K 1/10W	1	
	R4208	D0GB151JA065	150 1/10W	1	
	R4209	D0GB222JA065	2.2K 1/10W	1	
	R4210	D0GB822JA065	8.2K 1/10W	1	
	R4211	D0GB151JA065	150 1/10W	1	
	R4212	D0GB151JA065	150 1/10W	1	
	R4213	D0GB822JA065	8.2K 1/10W	1	
	R4214	D0GB222JA065	2.2K 1/10W	1	
	R4215	D0GB222JA065	2.2K 1/10W	1	
	R4216	D0GB562JA065	5.6K 1/10W	1	
	R4217	D0GB4R7JA065	4.7 1/10W	1	
	R4219	D0GB472JA065	4.7K 1/10W	1	
	R4220	D0GB4R7JA065	4.7 1/10W	1	
	R4221	D0GB4R7JA065	4.7 1/10W	1	
	R4222	D0GB392JA065	3.9K 1/10W	1	
	R4223	D0GB103JA065	10K 1/10W	1	
	R4224	D0GB103JA065	10K 1/10W	1	
	R4225	D0GB473JA065	47K 1/10W	1	
	R4226	D0GB473JA065	47K 1/10W	1	
	R4227	D0GB220JA065	22 1/10W	1	
	R4228	D0GB220JA065	22 1/10W	1	
	R4229	D0GB220JA065	22 1/10W	1	
	R4230	D0GB103JA065	10K 1/10W	1	
	R4231	D0GB473JA065	47K 1/10W	1	
	R4232	D0GB4R7JA065	4.7 1/10W	1	
	R4233	D0GB473JA065	47K 1/10W	1	
	R4234	D0GB220JA065	22 1/10W	1	
	R4235	D0GB392JA065	3.9K 1/10W	1	
	R4236	D0GB103JA065	10K 1/10W	1	
	R4237	D0GB220JA065	22 1/10W	1	
	R4238	D0GB220JA065	22 1/10W	1	
	R4239	D0GB103JA065	10K 1/10W	1	
	R4240	D0GB473JA065	47K 1/10W	1	
	R4241	D0GB4R7JA065	4.7 1/10W	1	
	R4242	D0GB392JA065	3.9K 1/10W	1	
	R4243	D0GB103JA065	10K 1/10W	1	
	R4244	D0GB473JA065	47K 1/10W	1	
	R4245	D0GB220JA065	22 1/10W	1	
	R4246	D0GB220JA065	22 1/10W	1	
	R4247	D0GB103JA065	10K 1/10W	1	
	R4248	D0GB473JA065	47K 1/10W	1	
	R4249	D0GB4R7JA065	4.7 1/10W	1	
	R4250	D0GB392JA065	3.9K 1/10W	1	
	R4251	D0GB473JA065	47K 1/10W	1	
	R4252	D0GB103JA065	10K 1/10W	1	
	R4253	D0GB683JA065	68K 1/10W	1	
	R4254	D0GB683JA065	68K 1/10W	1	
	R4255	D0GB683JA065	68K 1/10W	1	
	R4256	D0GB683JA065	68K 1/10W	1	
	R4257	D0GB152JA065	1.5K 1/10W	1	
	R4259	D0GB103JA065	10K 1/10W	1	
	R4260	ERJ14YJ100U	10 1/2W	1	
	R4261	ERJ14YJ272U	2.7K 1/2W	1	
	R4262	ERJ14YJ272U	2.7K 1/2W	1	
	R4263	ERJ14YJ272U	2.7K 1/2W	1	
	R4264	ERJ14YJ272U	2.7K 1/2W	1	
	R4265	ERJ14YJ100U	10 1/2W	1	
	R4266	ERJ14YJ272U	2.7K 1/2W	1	
	R4267	ERJ14YJ272U	2.7K 1/2W	1	
	R4268	ERJ14YJ100U	10 1/2W	1	
	R4269	ERJ14YJ272U	2.7K 1/2W	1	
	R4270	ERJ14YJ272U	2.7K 1/2W	1	
	R4271	ERJ14YJ100U	10 1/2W	1	
	R4272	D0GBR00J0004	0 1/10W	1	
	R4274	D0GB103JA065	10K 1/10W	1	
	R4275	D0GB683JA065	68K 1/10W	1	
	R4276	D0GB124JA065	120K 1/10W	1	
	R4277	D0GB683JA065	68K 1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	R4278	D0GB124JA065	120K 1/10W	1	
	R4279	D0GB105JA065	1M 1/10W	1	
	R4280	D0GBR00J0004	0 1/10W	1	
	R4281	D0GB105JA065	1M 1/10W	1	
	R4282	D0GBR00J0004	0 1/10W	1	
	R4283	D0GB220JA065	22 1/10W	1	
	R4284	D0GB472JA065	4.7K 1/10W	1	
	R4285	D0GB105JA065	1M 1/10W	1	
	R4286	D0GB102JA065	1K 1/10W	1	
	R4288	D0GB102JA065	1K 1/10W	1	
	R4290	D0GDR00J0004	0 1/8W	1	
	R4292	D0GBR00J0004	0 1/10W	1	
	R4293	D0GBR00J0004	0 1/10W	1	
	R4294	D0GBR00J0004	0 1/10W	1	
	R4501	D0GB100JA065	10 1/10W	1	
	R4502	D0GB100JA065	10 1/10W	1	
	R4503	D0GB332JA065	3.3K 1/10W	1	
	R4504	D0GB151JA065	150 1/10W	1	
	R4505	D0GB822JA065	8.2K 1/10W	1	
	R4506	D0GB332JA065	3.3K 1/10W	1	
	R4507	D0GB822JA065	8.2K 1/10W	1	
	R4508	D0GB151JA065	150 1/10W	1	
	R4509	D0GB332JA065	3.3K 1/10W	1	
	R4510	D0GB822JA065	8.2K 1/10W	1	
	R4511	D0GB151JA065	150 1/10W	1	
	R4512	D0GB151JA065	150 1/10W	1	
	R4513	D0GB822JA065	8.2K 1/10W	1	
	R4514	D0GB332JA065	3.3K 1/10W	1	
	R4515	D0GB222JA065	2.2K 1/10W	1	
	R4516	D0GB562JA065	5.6K 1/10W	1	
	R4517	D0GB4R7JA065	4.7 1/10W	1	
	R4519	D0GB472JA065	4.7K 1/10W	1	
	R4520	D0GB4R7JA065	4.7 1/10W	1	
	R4521	D0GB4R7JA065	4.7 1/10W	1	
	R4522	D0GB392JA065	3.9K 1/10W	1	
	R4523	D0GB103JA065	10K 1/10W	1	
	R4524	D0GB103JA065	10K 1/10W	1	
	R4525	D0GB473JA065	47K 1/10W	1	
	R4526	D0GB473JA065	47K 1/10W	1	
	R4527	D0GB220JA065	22 1/10W	1	
	R4528	D0GB220JA065	22 1/10W	1	
	R4529	D0GB220JA065	22 1/10W	1	
	R4530	D0GB103JA065	10K 1/10W	1	
	R4531	D0GB473JA065	47K 1/10W	1	
	R4532	D0GB4R7JA065	4.7 1/10W	1	
	R4533	D0GB473JA065	47K 1/10W	1	
	R4534	D0GB220JA065	22 1/10W	1	
	R4535	D0GB392JA065	3.9K 1/10W	1	
	R4536	D0GB103JA065	10K 1/10W	1	
	R4537	D0GB220JA065	22 1/10W	1	
	R4538	D0GB220JA065	22 1/10W	1	
	R4539	D0GB103JA065	10K 1/10W	1	
	R4540	D0GB473JA065	47K 1/10W	1	
	R4541	D0GB4R7JA065	4.7 1/10W	1	
	R4542	D0GB392JA065	3.9K 1/10W	1	
	R4543	D0GB103JA065	10K 1/10W	1	
	R4544	D0GB473JA065	47K 1/10W	1	
	R4545	D0GB220JA065	22 1/10W	1	
	R4546	D0GB220JA065	22 1/10W	1	
	R4547	D0GB103JA065	10K 1/10W	1	
	R4548	D0GB473JA065	47K 1/10W	1	
	R4549	D0GB4R7JA065	4.7 1/10W	1	
	R4550	D0GB392JA065	3.9K 1/10W	1	
	R4551	D0GB473JA065	47K 1/10W	1	
	R4552	D0GB103JA065	10K 1/10W	1	
	R4553	D0GB154JA065	150K 1/10W	1	
	R4554	D0GB154JA065	150K 1/10W	1	
	R4555	D0GB154JA065	150K 1/10W	1	
	R4556	D0GB154JA065	150K 1/10W	1	
	R4557	D0GB152JA065	1.5K 1/10W	1	
	R4558	ERJ14YJ100U	10 1/2W	1	
	R4559	ERJ14YJ272U	2.7K 1/2W	1	
	R4560	ERJ14YJ272U	2.7K 1/2W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	R4561	ERJ14YJ272U	2.7K 1/2W	1	
	R4562	ERJ14YJ272U	2.7K 1/2W	1	
	R4563	ERJ14YJ100U	10 1/2W	1	
	R4564	ERJ14YJ272U	2.7K 1/2W	1	
	R4565	ERJ14YJ272U	2.7K 1/2W	1	
	R4566	ERJ14YJ100U	10 1/2W	1	
	R4567	ERJ14YJ272U	2.7K 1/2W	1	
	R4568	ERJ14YJ272U	2.7K 1/2W	1	
	R4569	ERJ14YJ100U	10 1/2W	1	
	R4570	D0GBR00J0004	0 1/10W	1	
	R4572	D0GB103JA065	10K 1/10W	1	
	R4573	D0GB124JA065	120K 1/10W	1	
	R4574	D0GB124JA065	120K 1/10W	1	
	R4575	D0GB124JA065	120K 1/10W	1	
	R4576	D0GB124JA065	120K 1/10W	1	
	R4577	D0GB104JA065	100K 1/10W	1	
	R4578	D0GB562JA065	5.6K 1/10W	1	
	R4579	D0GB822JA065	8.2K 1/10W	1	
	R4580	D0GB101JA065	100 1/10W	1	
	R4581	D0AF680JA039	68 1/2W	1	
	R4582	D0GB103JA065	10K 1/10W	1	
	R4583	D0GDR00J0004	0 1/8W	1	
	R4596	D0GDR00J0004	0 1/8W	1	
	R4597	D0GDR00J0004	0 1/8W	1	
	R4598	D0GDR00J0004	0 1/8W	1	
	R4599	D0GDR00J0004	0 1/8W	1	
	R4600	D0GDR00J0004	0 1/8W	1	
	R4601	D0GDR00J0004	0 1/8W	1	
	R4820	D0GB101JA065	100 1/10W	1	
	R4822	D0GB101JA065	100 1/10W	1	
	R4823	D0GB101JA065	100 1/10W	1	
	R4829	D0GBR00J0004	0 1/10W	1	
	R4830	D0GBR00J0004	0 1/10W	1	
	R4831	D0GBR00J0004	0 1/10W	1	
	R4832	D0GB104JA065	100K 1/10W	1	
	R4834	D0GBR00J0004	0 1/10W	1	
	R4835	D0GB101JA065	100 1/10W	1	
	R4836	D0GBR00J0004	0 1/10W	1	
	R4901	D0GB123JA065	12K 1/10W	1	
	R4902	D0GB822JA065	8.2K 1/10W	1	
	R4903	D0GB123JA065	12K 1/10W	1	
	R4904	D0GB822JA065	8.2K 1/10W	1	
	R4905	D0GB102JA065	1K 1/10W	1	
	R4906	D0GB103JA065	10K 1/10W	1	
	R4907	D0GB102JA065	1K 1/10W	1	
	R4908	D0GB123JA065	12K 1/10W	1	
	R4909	D0GB822JA065	8.2K 1/10W	1	
	R4910	D0GB123JA065	12K 1/10W	1	
	R4911	D0GB822JA065	8.2K 1/10W	1	
	R4926	D0GB103JA065	10K 1/10W	1	
	R4929	D0GB103JA065	10K 1/10W	1	
	R4930	D0GB103JA065	10K 1/10W	1	
	R4931	D0GB473JA065	47K 1/10W	1	
	R4932	D0GB473JA065	47K 1/10W	1	
	R5005	D0GB683JA065	68K 1/10W	1	
	R5006	D0GB683JA065	68K 1/10W	1	
	R5008	D0GB101JA065	100 1/10W	1	
	R5009	D0GB122JA065	1.2K 1/10W	1	
	R5010	D0GB102JA065	1K 1/10W	1	
	R5011	D0GB682JA065	6.8K 1/10W	1	
	R5012	D0GBR00J0004	0 1/10W	1	
	R5013	D0GB473JA065	47K 1/10W	1	
	R5014	D0GBR00J0004	0 1/10W	1	
	R5015	D0GBR00J0004	0 1/10W	1	
	R5016	D0GB104JA065	100K 1/10W	1	
	R5017	D0GBR00J0004	0 1/10W	1	
	R5018	D0GB153JA065	15K 1/10W	1	
	R5019	D0GB4R7JA065	4.7 1/10W	1	
	R5020	D0GB104JA065	100K 1/10W	1	
	R5021	D0GB4R7JA065	4.7 1/10W	1	
	R5022	D0GB102JA065	1K 1/10W	1	
	R5023	D0GBR00J0004	0 1/10W	1	
	R5037	D0GDR00J0004	0 1/8W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	R5038	D0GDR00J0004	0 1/8W	1	
	R5039	D0GDR00J0004	0 1/8W	1	
	R5040	D0GDR00J0004	0 1/8W	1	
	R7001	D0GB222JA065	2.2K 1/10W	1	
	R7002	D0GB561JA065	560 1/10W	1	
	R7003	D0GB272JA065	2.7K 1/10W	1	
	R7004	D0GB272JA065	2.7K 1/10W	1	
	R7005	D0GB102JA065	1K 1/10W	1	
	R7009	D0GB222JA065	2.2K 1/10W	1	
	R7010	D0GB222JA065	2.2K 1/10W	1	
	R7011	D0GB221JA065	220 1/10W	1	
	R7012	D0GB221JA065	220 1/10W	1	
	R7013	D0GBR00J0004	0 1/10W	1	
	R8001	D1BB1002A074	10K 1/10W	1	
	R8002	D1BB4701A074	4.7K 1/10W	1	
	R8003	D1BB3302A074	33K 1/10W	1	
	R8005	D0GB100JA065	10 1/10W	1	
	R8006	D0GBR00J0004	0 1/10W	1	
	R8007	D1BB5602A074	56K 1/10W	1	
	R8009	D1BB1002A074	10K 1/10W	1	
	R8010	D0GBR00J0004	0 1/10W	1	
	R8011	D0GBR00J0004	0 1/10W	1	
	R8012	D1BB4642A074	46.4K 1/10W	1	
	R8013	D1BB1002A074	10K 1/10W	1	
	R8014	D1BB3300A074	330 1/10W	1	
	R8015	D0GB100JA065	10 1/10W	1	
	R8016	D0GBR00J0004	0 1/10W	1	
	R8020	D0GBR00J0004	0 1/10W	1	
	R8040	D0GB474JA065	470K 1/10W	1	
	R8041	D0GB474JA065	470K 1/10W	1	
	R8051	D0GB472JA065	4.7K 1/10W	1	
	R8052	D0GB472JA065	4.7K 1/10W	1	
	R8053	D0GB103JA065	10K 1/10W	1	
	R8055	D0GD223JA052	22K 1/8W	1	
	R8056	D0GB102JA065	1K 1/10W	1	
	R8057	D0GD153JA052	15K 1/8W	1	
	R8058	D0GD822JA052	8.2K 1/8W	1	
	R8059	D0GD124JA052	120K 1/8W	1	
	R8062	D0GB222JA065	2.2K 1/10W	1	
	R8063	D0GB222JA065	2.2K 1/10W	1	
	R8064	D0GB222JA065	2.2K 1/10W	1	
	R8067	D1BB2322A074	23.2K 1/10W	1	
	R8068	D1BB1002A074	10K 1/10W	1	
	R8078	D0GBR00J0004	0 1/10W	1	
	R8079	D0GBR00J0004	0 1/10W	1	
	R8501	D0GB473JA065	47K 1/10W	1	
	R8502	D0GB123JA065	12K 1/10W	1	
	R8503	D0GB681JA065	680 1/10W	1	
	R8504	D0GBR00J0004	0 1/10W	1	
	R8505	D0GB473JA065	47K 1/10W	1	
	R8506	D0GB123JA065	12K 1/10W	1	
	R8507	D0GB681JA065	680 1/10W	1	
	R8508	D0GBR00J0004	0 1/10W	1	
	R8509	D0GB274JA065	270K 1/10W	1	
	R8510	D0GB823JA065	82K 1/10W	1	
	R8511	D0GB682JA065	6.8K 1/10W	1	
	R8512	D0GB221JA065	220 1/10W	1	
	R8513	D0GB104JA065	100K 1/10W	1	
	R8514	D0GB101JA065	100 1/10W	1	
	R8515	D0GB474JA065	470K 1/10W	1	
	R8516	D0AF270JA039	27 1/2W	1	
	R8517	D0AF270JA039	27 1/2W	1	
	R8518	D0GB221JA065	220 1/10W	1	
	R8519	D0GB823JA065	82K 1/10W	1	
	R8520	D0GB101JA065	100 1/10W	1	
	R8521	D0GB104JA065	100K 1/10W	1	
	R8522	D0GB682JA065	6.8K 1/10W	1	
	R8523	D0GB274JA065	270K 1/10W	1	
	R8524	D0GB474JA065	470K 1/10W	1	
	R8525	D0AF270JA039	27 1/2W	1	
	R8526	D0GB221JA065	220 1/10W	1	
	R8527	D0GB823JA065	82K 1/10W	1	
	R8528	D0GB101JA065	100 1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	R8529	D0GB104JA065	100K 1/10W	1	
	R8530	D0GB682JA065	6.8K 1/10W	1	
	R8531	D0GB274JA065	270K 1/10W	1	
	R8532	D0GB474JA065	470K 1/10W	1	
	R8533	D0GBR00J0004	0 1/10W	1	
	R8534	D0GBR00J0004	0 1/10W	1	
	R9000	D0GB121JA065	120 1/10W	1	
	R9002	D0GB121JA065	120 1/10W	1	
	R9003	D0GB222JA065	2.2K 1/10W	1	
	R9004	D0GB474JA065	470K 1/10W	1	
	R9006	D0GB331JA065	330 1/10W	1	
	R9006	D0GB474JA065	470K 1/10W	1	
	R9007	D0GB104JA065	100K 1/10W	1	
	R9008	D0GB301JA065	300 1/10W	1	
	R9009	D0GB104JA065	100K 1/10W	1	
	R9012	D0GB222JA065	2.2K 1/10W	1	
			RESISTOR NET- WORKS		
	RX1001	D1H81014A042	RESISTOR NETWORK	1	
	RX1003	D1H81014A042	RESISTOR NETWORK	1	
	RX1004	D1H82224A042	RESISTOR NETWORK	1	
	RX4001	D1H82214A042	RESISTOR NETWORK	1	
	RX4801	D1H81014A042	RESISTOR NETWORK	1	
	RX4802	D1H81034A042	RESISTOR NETWORK	1	
	RX5001	D1H81034A042	RESISTOR NETWORK	1	
	RX7001	D1H81024A042	RESISTOR NETWORK	1	
			CAPACITORS		
	△ C1001	F0CAF224A105	0.22uF	1	
	C1001	F1H1H104B047	0.1uF 50V	1	
	△ C1002	F0CAF224A105	0.22uF	1	
	C1002	F1H1H104B047	0.1uF 50V	1	
	△ C1003	F1BAF1020030	1000pF	1	
	C1003	F1H1H104B047	0.1uF 50V	1	
	△ C1004	F1BAF1020030	1000pF	1	
	C1004	F1H1H104B047	0.1uF 50V	1	
	C1005	F1H1H104B047	0.1uF 50V	1	
	△ C1006	F0CAF104A105	0.1uF	1	
	C1006	F1H1H104B047	0.1uF 50V	1	
	C1007	F1H1H104B047	0.1uF 50V	1	
	C1008	F1H1H104B047	0.1uF 50V	1	
	C1009	F1H1H104B047	0.1uF 50V	1	
	C1010	F1H1H104B047	0.1uF 50V	1	
	C1011	F1H1H104B047	0.1uF 50V	1	
	C1012	F1H1C224A178	0.22uF 16V	1	
	C1013	F1H0J335A005	3.3uF 6.3V	1	
	C1014	F2A1C101A243	100uF 16V	1	
	C1015	F1H1H104B047	0.1uF 50V	1	
	C1016	F1H1H681B052	680pF 50V	1	
	C1017	F2A0J331B035	330uF 6.3V	1	
	C1018	F1H1H104B047	0.1uF 50V	1	
	C1019	F1H1H104B047	0.1uF 50V	1	
	C1020	F1H0J1060006	10uF 6.3V	1	
	C1021	F1H0J1060006	10uF 6.3V	1	
	C1022	F1H0J1060006	10uF 6.3V	1	
	C1023	F1H0J1060006	10uF 6.3V	1	
	C1024	F1H0J1060006	10uF 6.3V	1	
	C1025	F1H0J1060006	10uF 6.3V	1	
	C1026	F1H1H9R0A920	9.0pF 50V	1	
	C1027	F1H1H9R0A920	9.0pF 50V	1	
	C1028	F1H1H220B052	22pF 50V	1	
	C1029	F1H1H270B052	27pF 50V	1	
	C1030	F1H1H101B052	100pF 50V	1	
	C1031	F1H1H102B047	1000pF 50V	1	
	C1032	F1H1H102B047	1000pF 50V	1	
	C1033	F1H1H102B047	1000pF 50V	1	
	C1034	F1H1H102B047	1000pF 50V	1	
	C1035	F1H1H102B047	1000pF 50V	1	
	C1037	F1H1H104B047	0.1uF 50V	1	
	C1040	F1H1H104B047	0.1uF 50V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	C1041	F1H1H104B047	0.1uF 50V	1	
	C1042	F1H1C224A178	0.22uF 16V	1	
	C1043	F1H1H223B047	0.022uF 50V	1	
	C1046	F1H1H104B047	0.1uF 50V	1	
	C1047	F1H1H103B047	0.01uF 50V	1	
	C1101	F1K1H105A251	1uF 50V	1	
	C1104	F1H1H222A219	2200pF 50V	1	
	C1105	F1H1C224A178	0.22uF 16V	1	
	C1106	F1K1C225A069	2.2uF 16V	1	
	C1108	F1H1H1500009	15pF 50V	1	
	C1111	F1H1H102A219	1000pF 50V	1	
	C1113	F1B3D681A132	680pF 2000V	1	
	C1115	F0CZZ225A172	2.2uF	1	
	C1118	F1K2J102A014	1000pF 630V	1	
	C1201	F1H1H104B047	0.1uF 50V	1	
	C1202	F1H1H104B047	0.1uF 50V	1	
	C1203	F1H1H104B047	0.1uF 50V	1	
	C1204	F1H1H104B047	0.1uF 50V	1	
	C1205	F1H1H104B047	0.1uF 50V	1	
	C1206	F1H1H104B047	0.1uF 50V	1	
	C1217	F1K1H105A251	1uF 50V	1	
	C1218	F2A1E1010150	100uF 25V	1	
	C1219	F1H1H470B052	47pF 50V	1	
	C1220	F1H1H102A219	1000pF 50V	1	
	C1221	F1B3D681A132	680pF 2000V	1	
	C1222	F0CZZ225A172	2.2uF	1	
	C1224	F2B2W561A137	560uF 450V	1	
	C1226	F1K2J102A014	1000pF 630V	1	
	C1401	F2A1H4R7A213	4.7uF 50V	1	
	C1402	F1H1H470B052	47pF 50V	1	
	C1403	F2A1HR10A015	0.10uF 50V	1	
	C1403	F2A2W150A189	15uF 450V	1	
	C1404	F1H1H104B047	0.1uF 50V	1	
	C1404	F2A1H4R7A218	4.7uF 50V	1	
	C1405	F1H1H102B047	1000pF 50V	1	
	C1406	F1K2J2220002	2200pF 630V	1	
	C1406	F2A1H1R0A213	1.0uF 50V	1	
	C1407	F1H1H103B047	0.01uF 50V	1	
	C1407	F1K1H105A251	1uF 50V	1	
	C1408	F2A1E221B422	220uF 25V	1	
	C1408	F2A1H2R20071	2.2uF 50V	1	
	C1409	F1H1H472B047	4700pF 50V	1	
	C1411	F1H1H102A219	1000pF 50V	1	
	C1411	F2A1C100A207	10uF 16V	1	
	C1412	F2A1C1000096	10uF 16V	1	
	C1413	F2A1H1R0A213	1.0uF 50V	1	
	C1415	F2A1HR10A015	0.10uF 50V	1	
	C1417	F1H1H102B047	1000pF 50V	1	
	C1418	F1H1H103B047	0.01uF 50V	1	
	C1419	F1H1H103B047	0.01uF 50V	1	
	C1420	F1H1H103B047	0.01uF 50V	1	
	C1421	F1H1H103B047	0.01uF 50V	1	
	C1422	F1H1H331B052	330pF 50V	1	
	C1423	F1H1H331B052	330pF 50V	1	
	C1441	F1H1H103B047	0.01uF 50V	1	
	C1501	F1H1H104B047	0.1uF 50V	1	
	C1502	F1H1H104B047	0.1uF 50V	1	
	C1502	F2A1E1010150	100uF 25V	1	
	C1503	F1H1H103B047	0.01uF 50V	1	
	C1503	F1H1H470B052	47pF 50V	1	
	C1503	F1K1E4750002	4.7uF 25V	1	
	C1504	F1H1H103A219	0.01uF 50V	1	
	C1504	F1H1H104B047	0.1uF 50V	1	
	C1504	F1H1H470B052	47pF 50V	1	
	C1505	F1H1H104A913	0.1uF 50V	1	
	C1505	F1H1H470B052	47pF 50V	1	
	C1506	F1H1H470B052	47pF 50V	1	
	C1506	F1K1C4750023	4.7uF 16V	1	
	C1507	F1H1H104A913	0.1uF 50V	1	
	C1507	F2A1E102B396	1000uF 25V	1	
	C1508	F1H1H152B047	1500pF 50V	1	
	C1508	F1H1H471B052	470pF 50V	1	
	C1509	F1H1H104B047	0.1uF 50V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	C1509	F1H1H471B052	470pF 50V	1	
	C1510	F1K1C1060001	10uF 16V	1	
	C1511	F1H1H103A219	0.01uF 50V	1	
	C1512	F1H1H333B047	0.033uF 50V	1	
	C1513	F1B3D221A132	220pF 2000V	1	
	C1514	F1B3D221A132	220pF 2000V	1	
	C1516	F0C2K683A053	0.068uF 800V	1	
	△ C1518	F1BAF1020030	1000pF	1	
	C1520	F1H1H471B052	470pF 50V	1	
	C1521	F1H1H471B052	470pF 50V	1	
	C1522	F1H1H471B052	470pF 50V	1	
	C1523	F1H1H471B052	470pF 50V	1	
	C1524	F1H1H471B052	470pF 50V	1	
	C1525	F1H1H104B047	0.1uF 50V	1	
	C1600	F1H1H101B052	100pF 50V	1	
	C1601	F1H1H101B052	100pF 50V	1	
	C1601	F2A1E221B422	220uF 25V	1	
	C1602	F1H1H104B047	0.1uF 50V	1	
	C1602	F2A1A220A011	22uF 10V	1	
	C1603	F1H1H104B047	0.1uF 50V	1	
	C1603	F2A1V102B750	1000uF 35V	1	
	C1604	F1K2J471A014	470pF 630V	1	
	C1700	F1J1E105A287	1uF 25V	1	
	C1701	F1H1H103B047	0.01uF 50V	1	
	C1701	F1J1H105A918	1uF 50V	1	
	C1702	F1J1E105A287	1uF 25V	1	
	C1703	F1H1H104B047	0.1uF 50V	1	
	C1703	F2A1V102B750	1000uF 35V	1	
	C1704	F1H1H104B047	0.1uF 50V	1	
	C1704	F1H1H333B047	0.033uF 50V	1	
	C1705	F2A1V470B125	47uF 35V	1	
	C1706	F1J1E105A287	1uF 25V	1	
	C1706	F2A1H2220055	2200uF 50V	1	
	C1707	F1H1H104B047	0.1uF 50V	1	
	C1707	F2A1H2220055	2200uF 50V	1	
	C1710	F1J2E1030004	0.01uF 250V	1	
	C1711	F1H1H105B027	1uF 50V	1	
	C1711	F1J2E1030004	0.01uF 250V	1	
	C1712	F1H1H105B027	1uF 50V	1	
	C1712	F1J2E1030004	0.01uF 250V	1	
	C1713	F1J2E1030004	0.01uF 250V	1	
	C1720	F1H1H103B047	0.01uF 50V	1	
	C1730	F1H1H105B027	1uF 50V	1	
	C1800	D0GDR00J0004	0 1/8W	1	
	C1800	F1J1E105A287	1uF 25V	1	
	C1801	F1J1H105A918	1uF 50V	1	
	C1802	F1J1A106A043	10uF 10V	1	
	C1802	F1J1E105A287	1uF 25V	1	
	C1803	F1H1H102B047	1000pF 50V	1	
	C1803	F1H1H104B047	0.1uF 50V	1	
	C1804	F1H1H102B047	1000pF 50V	1	
	C1804	F1H1H104B047	0.1uF 50V	1	
	C1805	F2A1V470B125	47uF 35V	1	
	C1806	F1J1E105A287	1uF 25V	1	
	C1807	F1H1H104B047	0.1uF 50V	1	
	C1808	F1H1H102B047	1000pF 50V	1	
	C1809	F1H1H102B047	1000pF 50V	1	
	C1810	F1H1H471B052	470pF 50V	1	
	C1811	F1H1H105B027	1uF 50V	1	
	C1811	F1H1H471B052	470pF 50V	1	
	C1812	F1H1H105B027	1uF 50V	1	
	C1812	F1H1H471B052	470pF 50V	1	
	C1813	F1H1H471B052	470pF 50V	1	
	C1814	F1H1H471B052	470pF 50V	1	
	C1815	F1H1H471B052	470pF 50V	1	
	C1816	F1H1H471B052	470pF 50V	1	
	C1817	F1H1H471B052	470pF 50V	1	
	C1818	F1H1H471B052	470pF 50V	1	
	C1819	F1H1H471B052	470pF 50V	1	
	C1820	F1H1H471B052	470pF 50V	1	
	C1821	F1H1H102B047	1000pF 50V	1	
	C1822	F1H1H102B047	1000pF 50V	1	
	C1823	F1H1H102B047	1000pF 50V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	C1824	F1H1H102B047	1000pF 50V	1	
	C1825	F1H1H102B047	1000pF 50V	1	
	C1826	F1H1H102B047	1000pF 50V	1	
	C1851	F1H1H104B047	0.1uF 50V	1	
	C1930	F1H1H101B052	100pF 50V	1	
	C1931	F1H1H101B052	100pF 50V	1	
	C1960	F1H1H101B052	100pF 50V	1	
	C1961	F1H1H101B052	100pF 50V	1	
	C2001	F1H1H104B047	0.1uF 50V	1	
	C2002	F1H1H104B047	0.1uF 50V	1	
	C2003	F1H1H104B047	0.1uF 50V	1	
	C2004	F1H0J4750004	4.7uF 6.3V	1	
	C2005	F1H1H104B047	0.1uF 50V	1	
	C2006	F1H1H104B047	0.1uF 50V	1	
	C2007	F1H1H104B047	0.1uF 50V	1	
	C2008	F1H1H104B047	0.1uF 50V	1	
	C2009	F1H0J1060006	10uF 6.3V	1	
	C2010	F1H1H105B027	1uF 50V	1	
	C2011	F1H1H105B027	1uF 50V	1	
	C2012	F1H1H104B047	0.1uF 50V	1	
	C2013	F1H1H104B047	0.1uF 50V	1	
	C4001	F1H1H105B027	1uF 50V	1	
	C4002	F1H1H105B027	1uF 50V	1	
	C4003	F1H1C474A178	0.47uF 16V	1	
	C4004	F1H1H1200004	12pF 50V	1	
	C4005	F1H1H1200004	12pF 50V	1	
	C4006	F1H1H105B027	1uF 50V	1	
	C4007	F1H1H105B027	1uF 50V	1	
	C4008	F1H1H105B027	1uF 50V	1	
	C4009	F1H1H102B047	1000pF 50V	1	
	C4010	F1H1H102B047	1000pF 50V	1	
	C4011	F1H1H680B052	68pF 50V	1	
	C4016	F1H0J1060006	10uF 6.3V	1	
	C4017	F1H1H222B047	2200pF 50V	1	
	C4018	F1H1H561B052	560pF 50V	1	
	C4019	F1J1C106A059	10uF 16V	1	
	C4021	F1H1H104B047	0.1uF 50V	1	
	C4022	F1K1C2260001	22uF 16V	1	
	C4023	F1J1C106A059	10uF 16V	1	
	C4024	F1J1C106A059	10uF 16V	1	
	C4025	F1H1H104B047	0.1uF 50V	1	
	C4026	F1H1H104B047	0.1uF 50V	1	
	C4027	F1H1H104B047	0.1uF 50V	1	
	C4028	F1K1C2260001	22uF 16V	1	
	C4029	F1K1C2260001	22uF 16V	1	
	C4030	F1H1H104B047	0.1uF 50V	1	
	C4031	F1H1H104B047	0.1uF 50V	1	
	C4032	F1H1H681B052	680pF 50V	1	
	C4033	F1H1H105B027	1uF 50V	1	
	C4035	F1H1H105B027	1uF 50V	1	
	C4036	F1H1H271A824	270pF 50V	1	
	C4038	F1H1H271A824	270pF 50V	1	
	C4039	F1H1H271A824	270pF 50V	1	
	C4041	F1H1H681B052	680pF 50V	1	
	C4042	F1H1H105B027	1uF 50V	1	
	C4043	F1H1H271A824	270pF 50V	1	
	C4044	F1H1H105B027	1uF 50V	1	
	C4045	F2A1A1010132	100uF 10V	1	
	C4046	F1H1H105B027	1uF 50V	1	
	C4047	F1H1H681B052	680pF 50V	1	
	C4048	F1H1H104B047	0.1uF 50V	1	
	C4050	F1H1H271A824	270pF 50V	1	
	C4051	F1H1H104B047	0.1uF 50V	1	
	C4052	F2A1A1010132	100uF 10V	1	
	C4053	F1H1H105B027	1uF 50V	1	
	C4054	F1H1H271A824	270pF 50V	1	
	C4055	F1J1C2250012	2.2uF 16V	1	
	C4057	F1J1C2250012	2.2uF 16V	1	
	C4059	F1H1H271A824	270pF 50V	1	
	C4060	F1H1H105B027	1uF 50V	1	
	C4061	F1H1H681B052	680pF 50V	1	
	C4063	F1H1H105B027	1uF 50V	1	
	C4065	F1H1H271A824	270pF 50V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	C4069	F2A1C470A722	47uF 16V	1	
	C4070	F2A1C2200068	22uF 16V	1	
	C4071	F2A1C2200068	22uF 16V	1	
	C4072	F1H1H105B027	1uF 50V	1	
	C4074	F2A1C4700113	47uF 16V	1	
	C4075	F2A1C4700113	47uF 16V	1	
	C4076	F1J1C106A059	10uF 16V	1	
	C4077	F1J1C106A059	10uF 16V	1	
	C4080	F1J1C2250012	2.2uF 16V	1	
	C4081	F1J1C2250012	2.2uF 16V	1	
	C4082	F1H1H333B047	0.033uF 50V	1	
	C4083	F1H1H333B047	0.033uF 50V	1	
	C4085	F1H1A105A113	1uF 10V	1	
	C4201	F1H0J225A020	2.2uF 6.3V	1	
	C4202	F1H0J225A020	2.2uF 6.3V	1	
	C4203	F1J1C225A063	2.2uF 16V	1	
	C4204	F1H1H222B047	2200pF 50V	1	
	C4205	F1H1H222B047	2200pF 50V	1	
	C4206	F1H1H102B047	1000pF 50V	1	
	C4207	F1H1H101B052	100pF 50V	1	
	C4208	F1J1C225A063	2.2uF 16V	1	
	C4209	F1H1H101B052	100pF 50V	1	
	C4210	F1H1H102B047	1000pF 50V	1	
	C4211	F1H1H222B047	2200pF 50V	1	
	C4212	F1H1H222B047	2200pF 50V	1	
	C4213	F1H1H101B052	100pF 50V	1	
	C4214	F1J1C225A063	2.2uF 16V	1	
	C4215	F1H1H222B047	2200pF 50V	1	
	C4216	F1H1H222B047	2200pF 50V	1	
	C4217	F1H1H102B047	1000pF 50V	1	
	C4218	F1H1H101B052	100pF 50V	1	
	C4219	F1H1H222B047	2200pF 50V	1	
	C4220	F1J1C225A063	2.2uF 16V	1	
	C4221	F1H1H102B047	1000pF 50V	1	
	C4222	F1H1H222B047	2200pF 50V	1	
	C4223	F1H1H104B047	0.1uF 50V	1	
	C4224	F1J1H105A918	1uF 50V	1	
	C4225	F1K1C2260001	22uF 16V	1	
	C4226	F1K1C2260001	22uF 16V	1	
	C4227	F1K1C2260001	22uF 16V	1	
	C4228	F1K1C2260001	22uF 16V	1	
	C4229	F1J1C106A059	10uF 16V	1	
	C4230	F1K2A105A012	1uF 100V	1	
	C4231	F1K2A105A012	1uF 100V	1	
	C4232	F1K1H105A250	1uF 50V	1	
	C4233	F1K1H105A250	1uF 50V	1	
	C4235	F1H1H104B047	0.1uF 50V	1	
	C4236	F1H1H104B047	0.1uF 50V	1	
	C4237	F1K1H105A250	1uF 50V	1	
	C4239	F1K2A105A012	1uF 100V	1	
	C4240	F1K1H105A250	1uF 50V	1	
	C4241	F1K2A105A012	1uF 100V	1	
	C4242	F1H1H104B047	0.1uF 50V	1	
	C4243	F1K1H105A250	1uF 50V	1	
	C4245	F1K2A105A012	1uF 100V	1	
	C4246	F1K1H105A250	1uF 50V	1	
	C4247	F1K2A105A012	1uF 100V	1	
	C4248	F1H1H104B047	0.1uF 50V	1	
	C4249	F1K1H105A250	1uF 50V	1	
	C4251	F1K2A105A012	1uF 100V	1	
	C4252	F1K1H105A250	1uF 50V	1	
	C4253	F1K2A105A012	1uF 100V	1	
	C4254	F1K1H105A250	1uF 50V	1	
	C4255	F1K1H105A250	1uF 50V	1	
	C4256	F1H1H104B047	0.1uF 50V	1	
	C4257	F1H1H332B047	3300pF 50V	1	
	C4258	F1H1H332B047	3300pF 50V	1	
	C4259	F1H1H332B047	3300pF 50V	1	
	C4260	F1H1H332B047	3300pF 50V	1	
	C4261	F1H1H332B047	3300pF 50V	1	
	C4262	F1H1H332B047	3300pF 50V	1	
	C4263	F1H1H332B047	3300pF 50V	1	
	C4264	F1H1H332B047	3300pF 50V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	C4265	F1H1H332B047	3300pF 50V	1	
	C4266	F1H1H332B047	3300pF 50V	1	
	C4267	F1H1H332B047	3300pF 50V	1	
	C4268	F1H1H332B047	3300pF 50V	1	
	C4269	F1H1H101B052	100pF 50V	1	
	C4270	F1H1H101B052	100pF 50V	1	
	C4271	F1H1H105B027	1uF 50V	1	
	C4272	F1H1H103B047	0.01uF 50V	1	
	C4273	F1H1H103B047	0.01uF 50V	1	
	C4274	F1H1H101B052	100pF 50V	1	
	C4275	F1H1H101B052	100pF 50V	1	
	C4276	F1H1H101B052	100pF 50V	1	
	C4277	F1H1H101B052	100pF 50V	1	
	C4278	F1H1H470B052	47pF 50V	1	
	C4279	F1H1H470B052	47pF 50V	1	
	C4280	F2A1H3320022	3300uF 50V	1	
	C4281	F2A1H3320022	3300uF 50V	1	
	C4282	F2A0J4700054	47uF 6.3V	1	
	C4283	D0GBR00J0004	0 1/10W	1	
	C4284	F1H1H102B047	1000pF 50V	1	
	C4285	F1H1H102B047	1000pF 50V	1	
	C4291	ECQV1H474JL3	0.47uF 50V	1	
	C4292	ECQV1H474JL3	0.47uF 50V	1	
	C4293	ECQV1H474JL3	0.47uF 50V	1	
	C4294	ECQV1H474JL3	0.47uF 50V	1	
	C4501	F1H0J225A020	2.2uF 6.3V	1	
	C4502	F1H0J225A020	2.2uF 6.3V	1	
	C4503	F1J1C106A059	10uF 16V	1	
	C4504	F1H1H222B047	2200pF 50V	1	
	C4505	F1H1H222B047	2200pF 50V	1	
	C4506	F1H1H102B047	1000pF 50V	1	
	C4507	F1H1H101B052	100pF 50V	1	
	C4508	F1J1C106A059	10uF 16V	1	
	C4509	F1H1H101B052	100pF 50V	1	
	C4510	F1H1H102B047	1000pF 50V	1	
	C4511	F1H1H222B047	2200pF 50V	1	
	C4512	F1H1H222B047	2200pF 50V	1	
	C4513	F1H1H101B052	100pF 50V	1	
	C4514	F1J1C106A059	10uF 16V	1	
	C4515	F1H1H222B047	2200pF 50V	1	
	C4516	F1H1H222B047	2200pF 50V	1	
	C4517	F1H1H102B047	1000pF 50V	1	
	C4518	F1H1H101B052	100pF 50V	1	
	C4519	F1H1H222B047	2200pF 50V	1	
	C4520	F1J1C106A059	10uF 16V	1	
	C4521	F1H1H102B047	1000pF 50V	1	
	C4522	F1H1H222B047	2200pF 50V	1	
	C4523	F1H1H104B047	0.1uF 50V	1	
	C4524	F1J1H105A918	1uF 50V	1	
	C4525	F1K1C2260001	22uF 16V	1	
	C4526	F1K1C2260001	22uF 16V	1	
	C4527	F1K1C2260001	22uF 16V	1	
	C4528	F1K1C2260001	22uF 16V	1	
	C4529	F1J1C106A059	10uF 16V	1	
	C4530	F1K2A105A012	1uF 100V	1	
	C4531	F1K2A105A012	1uF 100V	1	
	C4532	F1K1H105A250	1uF 50V	1	
	C4533	F1K1H105A250	1uF 50V	1	
	C4535	F1H1H104B047	0.1uF 50V	1	
	C4536	F1H1H104B047	0.1uF 50V	1	
	C4537	F1K1H105A250	1uF 50V	1	
	C4539	F1K2A105A012	1uF 100V	1	
	C4540	F1K1H105A250	1uF 50V	1	
	C4541	F1K2A105A012	1uF 100V	1	
	C4542	F1H1H104B047	0.1uF 50V	1	
	C4543	F1K1H105A250	1uF 50V	1	
	C4545	F1K2A105A012	1uF 100V	1	
	C4546	F1K1H105A250	1uF 50V	1	
	C4547	F1K2A105A012	1uF 100V	1	
	C4548	F1H1H104B047	0.1uF 50V	1	
	C4549	F2A0J4700054	47uF 6.3V	1	
	C4550	F1K1H105A250	1uF 50V	1	
	C4552	F1K2A105A012	1uF 100V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	C4553	F1K1H105A250	1uF 50V	1	
	C4554	F1K2A105A012	1uF 100V	1	
	C4555	F1K1H105A250	1uF 50V	1	
	C4556	F1K1H105A250	1uF 50V	1	
	C4557	F1H1H104B047	0.1uF 50V	1	
	C4560	F1H1H104B047	0.1uF 50V	1	
	C4561	F1H1H104B047	0.1uF 50V	1	
	C4562	F1J1H225A928	2.2uF 50V	1	
	C4563	F1H1H103B047	0.01uF 50V	1	
	C4564	F1H1H103B047	0.01uF 50V	1	
	C4565	F1J1H474A918	0.47uF 50V	1	
	C4566	F1J1H474A918	0.47uF 50V	1	
	C4567	F2A1H3320022	3300uF 50V	1	
	C4568	F2A1H3320022	3300uF 50V	1	
	C4569	F2A1C2200068	22uF 16V	1	
	C4570	D0GBR00J0004	0 1/10W	1	
	C4571	D0GBR00J0004	0 1/10W	1	
	C4581	F1K1C2260001	22uF 16V	1	
	C4582	F1K1C2260001	22uF 16V	1	
	C4583	F1K1C2260001	22uF 16V	1	
	C4584	F1K1C2260001	22uF 16V	1	
	C4585	ECQV1H105JL3	1uF 50V	1	
	C4586	ECQV1H105JL3	1uF 50V	1	
	C4587	ECQV1H105JL3	1uF 50V	1	
	C4588	ECQV1H105JL3	1uF 50V	1	
	C4599	D0GBR00J0004	0 1/10W	1	
	C4816	F1H1H105B027	1uF 50V	1	
	C4818	F1H0J1060006	10uF 6.3V	1	
	C4819	F1H0J1060006	10uF 6.3V	1	
	C4820	F1H1H104B047	0.1uF 50V	1	
	C4821	F1H1H105B027	1uF 50V	1	
	C4823	F1H1H104B047	0.1uF 50V	1	
	C4825	F1H0J1060006	10uF 6.3V	1	
	C4904	F1H1H105B027	1uF 50V	1	
	C4905	F1H1H105B027	1uF 50V	1	
	C4906	F1H1H104B047	0.1uF 50V	1	
	C4907	F1H1H561B052	560pF 50V	1	
	C4908	F1H1H561B052	560pF 50V	1	
	C4909	F1H1H105B027	1uF 50V	1	
	C4910	F1H1H105B027	1uF 50V	1	
	C4919	F2A1C4700091	47uF 16V	1	
	C5001	F1J1A106A043	10uF 10V	1	
	C5002	F1H1H103B047	0.01uF 50V	1	
	C5003	F1J1A106A043	10uF 10V	1	
	C5004	F1H1H104B047	0.1uF 50V	1	
	C5007	F1H1H222B047	2200pF 50V	1	
	C5008	F1H1H222B047	2200pF 50V	1	
	C5009	F1J1A106A043	10uF 10V	1	
	C5010	F1H1H103B047	0.01uF 50V	1	
	C5011	F1H1H104B047	0.1uF 50V	1	
	C5012	F1H1H102B047	1000pF 50V	1	
	C5013	F1H1H100B051	10pF 50V	1	
	C5014	F1H1H100B051	10pF 50V	1	
	C5015	F1H1H100B051	10pF 50V	1	
	C5016	F1H1H100B051	10pF 50V	1	
	C5018	F1H1H103B047	0.01uF 50V	1	
	C5019	F2A1E102B396	1000uF 25V	1	
	C5020	F2A1A1010132	100uF 10V	1	
	C5021	F2A1A1010132	100uF 10V	1	
	C5022	F1H1H680B052	68pF 50V	1	
	C5023	F1H1H101B052	100pF 50V	1	
	C5024	F1H1H101B052	100pF 50V	1	
	C5025	F1H1H102B047	1000pF 50V	1	
	C5026	F1H1H102B047	1000pF 50V	1	
	C5027	F1H1H101B052	100pF 50V	1	
	C5028	F1H1H102B047	1000pF 50V	1	
	C5029	F1H1H101B052	100pF 50V	1	
	C5030	F1H1H101B052	100pF 50V	1	
	C5031	F1H1H101B052	100pF 50V	1	
	C7001	F1H1H102B047	1000pF 50V	1	
	C7002	F1H1C474A178	0.47uF 16V	1	
	C7003	F1G1C104A146	0.1uF 16V	1	
	C7004	F1G1C104A146	0.1uF 16V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	C7005	F1G1H1R0A831	1.0pF 50V	1	
	C7006	F1H1H330B052	33pF 50V	1	
	C7007	F1H1H3R0B050	3.0pF 50V	1	
	C7008	F1H1H105B027	1uF 50V	1	
	C7009	F1H1H105B027	1uF 50V	1	
	C7010	F1H1H221B052	220pF 50V	1	
	C7011	F1H1H221B052	220pF 50V	1	
	C8001	F1K1E1060001	10uF 25V	1	
	C8002	F1J1C106A059	10uF 16V	1	
	C8004	F1H1H105B027	1uF 50V	1	
	C8005	F1H1H105B027	1uF 50V	1	
	C8006	F1J1A106A043	10uF 10V	1	
	C8008	F1J1A106A043	10uF 10V	1	
	C8009	F1H1H391A219	390pF 50V	1	
	C8011	F1H1H105B027	1uF 50V	1	
	C8012	F1K1C2260001	22uF 16V	1	
	C8013	F1K1C2260001	22uF 16V	1	
	C8014	F1H1H102B047	1000pF 50V	1	
	C8015	F1K1E1060009	10uF 25V	1	
	C8016	F1K1E1060009	10uF 25V	1	
	C8017	F1H1H104B047	0.1uF 50V	1	
	C8018	F1H0J1060006	10uF 6.3V	1	
	C8019	F1H1H105B027	1uF 50V	1	
	C8021	F1H1H391A219	390pF 50V	1	
	C8022	F1H1H104B047	0.1uF 50V	1	
	C8023	F1H1H104B047	0.1uF 50V	1	
	C8024	F1H1H105B027	1uF 50V	1	
	C8026	F1K1C2260001	22uF 16V	1	
	C8027	F1K1C2260001	22uF 16V	1	
	C8028	F1H1H104B047	0.1uF 50V	1	
	C8029	F1K1E1060009	10uF 25V	1	
	C8030	F1K1E1060009	10uF 25V	1	
	C8035	F1G1A1050004	1uF 10V	1	
	C8036	F1G1A1050004	1uF 10V	1	
	C8040	F1H1H104B047	0.1uF 50V	1	
	C8045	F1H1H473A220	0.047uF 50V	1	
	C8052	F1H1H104B047	0.1uF 50V	1	
	C8054	F2A1E102B396	1000uF 25V	1	
	C8055	F1J1A106A043	10uF 10V	1	
	C8057	F1J1A106A043	10uF 10V	1	
	C8069	F1J1A106A043	10uF 10V	1	
	C8070	F1J1A106A043	10uF 10V	1	
	C8073	F1J1A106A043	10uF 10V	1	
	C8077	F1J1H105A918	1uF 50V	1	
	C8078	F1H1H105B027	1uF 50V	1	
	C8079	F1H1H101B052	100pF 50V	1	
	C8501	F1H1H104B047	0.1uF 50V	1	
	C8502	F1H0J1060006	10uF 6.3V	1	
	C8503	F1H0J1060006	10uF 6.3V	1	
	C8504	F1H1H105B027	1uF 50V	1	
	C8505	F1H1H105B027	1uF 50V	1	
	C8506	F1H1H103B047	0.01uF 50V	1	
	C8507	F1H1H103B047	0.01uF 50V	1	
	C8508	F1H1H105B027	1uF 50V	1	
	C8509	F1H1H105B027	1uF 50V	1	
	C8510	F1H1H103B047	0.01uF 50V	1	
	C8511	F1H1H105B027	1uF 50V	1	
	C8512	F1H1H105B027	1uF 50V	1	
	C8513	F2A1A1010132	100uF 10V	1	
	C8514	F2A1A2210128	220uF 10V	1	
	C8515	F2A1A2210128	220uF 10V	1	
	C8516	F2A1A1010132	100uF 10V	1	
	C8517	F2A1A2210128	220uF 10V	1	
	C8518	F2A1A1010132	100uF 10V	1	
	C9001	F1H1H104B047	0.1uF 50V	1	
	C9002	F1H1H102B047	1000pF 50V	1	
	C9002	F1H1H104B047	0.1uF 50V	1	
	C9004	F1H1H102B047	1000pF 50V	1	
	C9005	F1H1H102B047	1000pF 50V	1	
	C9006	F1H1H102B047	1000pF 50V	1	

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