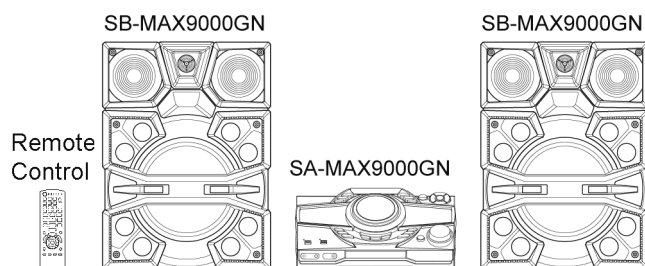


Service Manual

CD Stereo System

Model No. **SA-MAX9000GN**
SA-MAX9000PU

Product Color: (K)...Black Type



Please refer to the original service manual for:

- CD Mechanism Unit, Order No. PSG1303059AE
- Speaker system SB-MAX9000GN/PU, Order No. PSG1602005CE

⚠ 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.

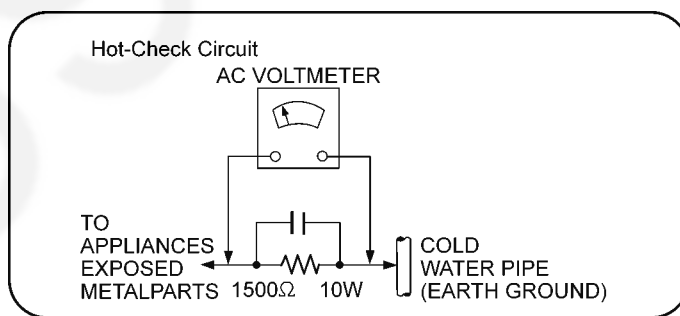


Figure 1-1

1.2. Before Repair and Adjustment

Disconnect AC power to discharge AC Capacitors (C1003, C1004, C1005, C1007, C1008, C1009, C1010) through a 10Ω , 10 W resistor to ground. (For SA-MAX9000GN)

Disconnect AC power to discharge AC Capacitors (C1001, C1002, C1003, C1004, C1006, C1007, C1008, C1518) through a 10Ω , 10 W resistor to ground. (For SA-MAX9000PU)

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
⚠	14	RGR0484A-A	REAR PANEL	PU
⚠	14	RGR0484A-D	REAR PANEL	GN
⚠	19	RKM0771-K	TOP CABINET	
⚠	301	RAE1052Z-V	TRAVERSE ASS'Y	(E.S.D)
⚠	A1	RFA3677	AC CORD UNIT	GN
⚠	A1	K2CR2YY00057	AC CORD	PU
⚠	A3	RQT0A63-B	O/I BOOK (En)	
⚠	A3	RQT0A64-M	O/I BOOK (En/Sp)	PU
⚠	PCB7	REP5317A	SMPS P.C.B	(RTL) PU
⚠	PCB7	REP5317B	SMPS P.C.B	(RTL) GN
⚠	Q1403	B3PBA0000579	PHOTO COUPLER	(E.S.D)
⚠	Q1404	B3PBA0000579	PHOTO COUPLER	(E.S.D)
⚠	Q1405	B3PBA0000579	PHOTO COUPLER	(E.S.D)
⚠	Q1505	B3PBA0000579	PHOTO COUPLER	(E.S.D)
⚠	Q1701	B3PBA0000579	PHOTO COUPLER	(E.S.D)
⚠	DZ1001	D4EAY511A127	VARISTORS	(E.S.D)
⚠	L1001	G0B333K00001	LINE FILTER	GN
⚠	L1001	G0B100Y00001	LINE FILTER	PU
⚠	L1002	G0B183J00002	LINE FILTER	GN
⚠	T1401	G4DYA0000688	SWITCHING TRANSFORMER	
⚠	T1501	G4DYA0000784	SWITCHING TRANSFORMER	
⚠	F1401	K5G501YA0081	FUSE	
⚠	F1501	K5G502YA0159	FUSE	
⚠	F1001	K5D103BNA005	FUSE	
⚠	P1001	K2AZYA000005	AC INLET	
⚠	R1001	D0GF105JA048	1M 1/4W	
⚠	R1002	D0GF105JA048	1M 1/4W	PU
⚠	R1002	D0GF474JA048	470K 1/4W	GN
⚠	C1001	F0CAF2240010	0.22uF	PU
⚠	C1002	F0CAF2240010	0.22uF	PU
⚠	C1003	F1BAF1020030	1000pF	PU
⚠	C1004	F1BAF1020030	1000pF	PU
⚠	C1005	F1BAF1020030	1000pF	GN
⚠	C1006	F0CAF2240010	0.22uF	PU
⚠	C1007	F1BAF4710005	470pF	GN
⚠	C1007	F1BAF1020030	1000pF	PU
⚠	C1008	F1BAF4710005	470pF	GN
⚠	C1008	F1BAF1020030	1000pF	PU
⚠	C1009	F0CAF105A105	1uF	GN
⚠	C1010	F0CAF104A105	0.1uF	GN
⚠	C1518	F1BAF471A215	470pF	PU

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.

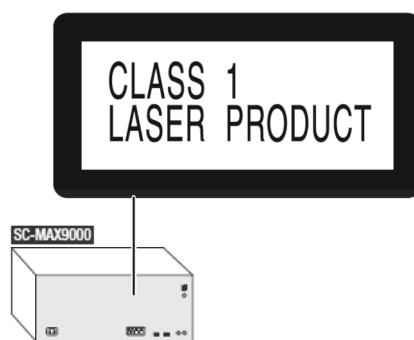


Figure 2-1

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.

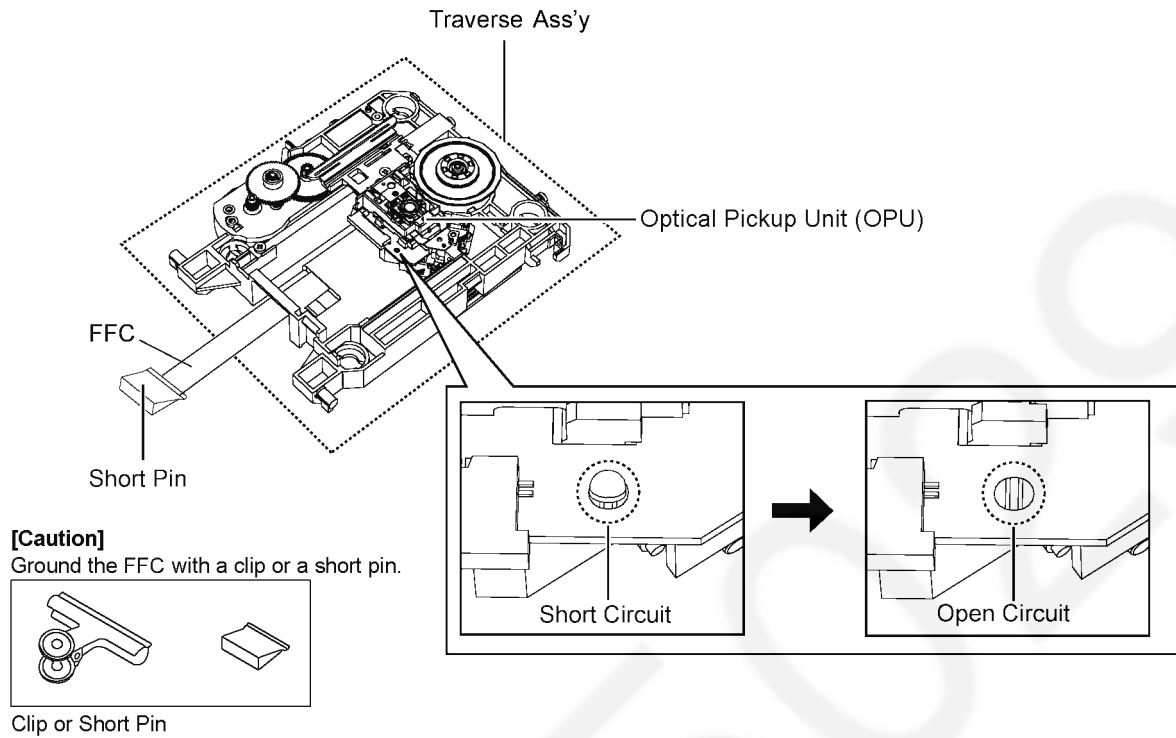


Figure 2-2

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 in Figure 2-3.

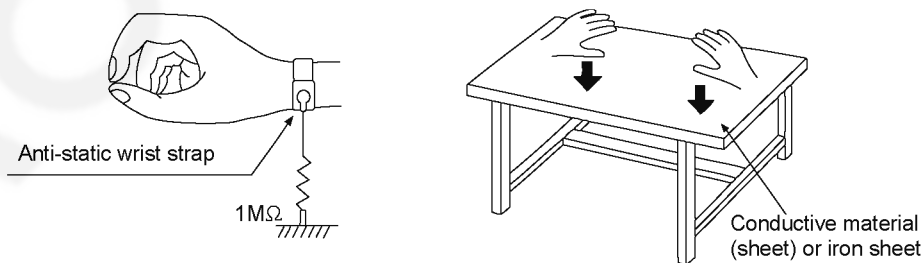


Figure 2-3

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.

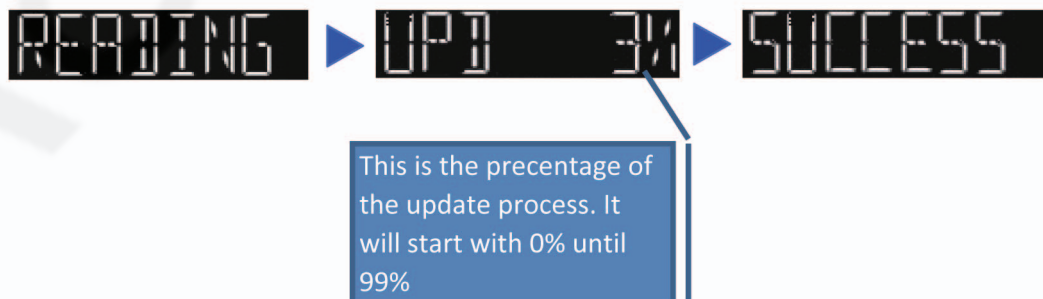
Step 2: Software Update

<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	4 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 (GN)
AC 110 V to 240 V, 50/60 Hz (PU)

Power consumption 340 W

Dimensions (W x H x D) 460 mm x 234 mm x 409 mm

Mass 6.0 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-MAX9000GN

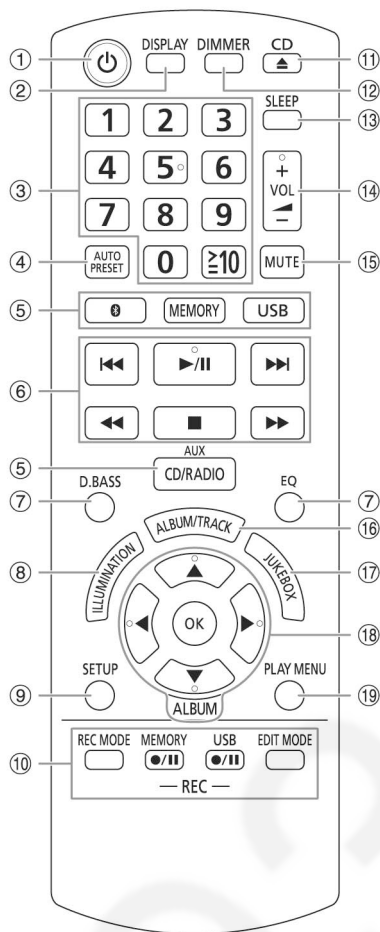
Main Unit: SA-MAX9000GN
Speaker System: SB-MAX9000GN

■ System: SC-MAX9000PU

Main Unit: SA-MAX9000PU
Speaker System: SB-MAX9000PU

5 Location of Controls and Components

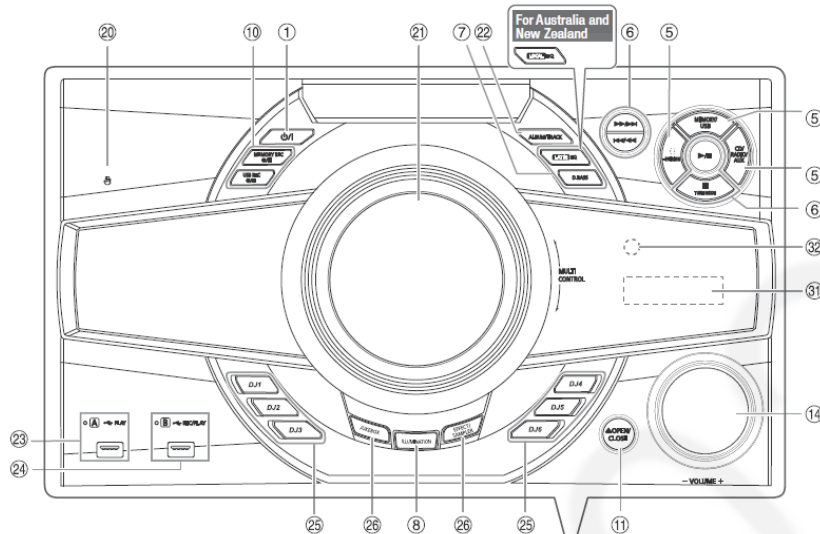
5.1. Remote Control Key Button Operation



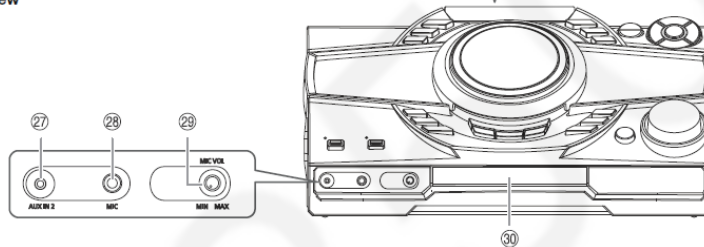
- ① **Standby/on switch** [⏻], [⏻/⏺]
Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.
- ② View the content information
- ③ **Numeric buttons**
To select a 2-digit number
Example: 16: [≥10]→[1]→[6]
- ④ Auto preset the radio station
- ⑤ **Select the audio source**
On the main unit:
To start Bluetooth® pairing, press and hold [BT-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.
- ⑤ **Select the audio source**
On the main unit:
To start Bluetooth® pairing, press and hold [BT] -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 NFC touch area
- ㉑ Turntable for DJ and multi control
- 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 [▶/||].
- ㉓ **USB A**
USB port (🔌)
USB status indicator
Play MP3 tracks.
- ㉔ **USB B**
USB port (🔌)
USB status indicator
Play MP3 tracks.
Record sound or music tracks.
- ㉕ **DJ function direct buttons**
Press [DJ JUKEBOX] or [EFFECT/SAMPLER] 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.
- ㉖ **Switch on the DJ function**
To cancel, press the button again.
- ㉗ AUX IN 2 jack
- ㉘ Microphone jack
- ㉙ Adjust the microphone volume level
- ㉚ Disc tray
- ㉛ Display panel
- ㉜ **Remote control sensor**
Distance: Within approximately 7 m
Angle: Approximately 20° up and down, 30° left and right

6 Service Mode

6.1. Cold-Start

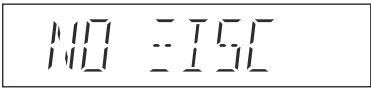
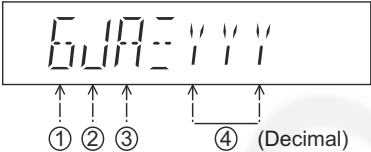
Item		FL Display	Key Operation
Mode Name	Description		Front Key
Cold Start	To carry out cold-start or initialize to shipping mode		1. Unplug AC power cord. 2. Press & hold [POWER] button. 3. Plug in AC power cord while [POWER] button being pressed. 4. Release [POWER] button.

6.2. Sales Demonstration Lock Function

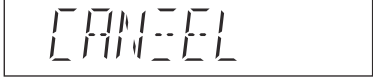
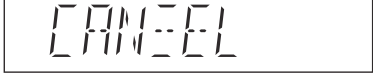
Item		FL Display	Key Operation
Mode Name	Description		Front Key
Entering into Sales Demonstration Lock Mode	To enter into the sales demonstration lock mode.		1. Turn on the unit. 2. Select to any mode function. 3. Press and hold [▲OPEN/CLOSE] and [CD/RADIO/AUX] keys for 5 sec or more. The display will 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: 1. Press [■] button on main unit follow by [4] and [7] on remote control. 2. To exit, press [φ/I] on main unit or remote control
EEPROM checksum check	Displaying of 1. Year Develop. 2. Model Type. 3. ROM Type. 4. Firmware Version.	(Display 1) 	In CD mode: 1. 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: 1. 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

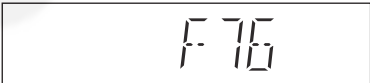
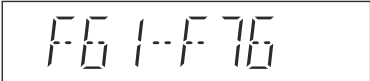
Item		FL Display	Key Operation
Mode Name	Description		Front Key
Self Diagnostic Mode	To enter into self diagnostic checking		Step 1: Select CD mode (Ensure no disc is inserted). Step 2: Press & hold [■] button follow by [▶▶/▶▶] on main unit for 2 seconds.
Error Code Information	System will perform a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

6.5. Self-Diagnostic Error Code Table

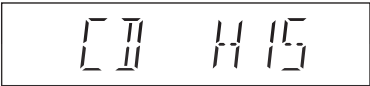
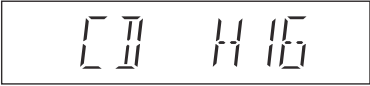
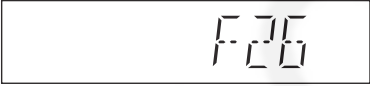
Self-Diagnostic Function (Refer Section 6.4. Self-Diagnostic Mode) provides information on any problems occurring for the unit and its respective components by displaying the error codes. These error code such as U**, H** and F** are stored in memory and held unless it is cleared.

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

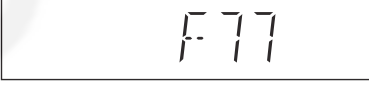
6.5.1. Power Supply Error Code Table

Item		FL Display	Key Operation	Solution (PCB exchange repair)
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.	Check following: 1. Fan Unit 2. SMPS P.C.B. 3. Speaker Connection
Error Code F76	Diagnosis Contents: Power Amp IC output abnormal. DC_DET_PWR.		Press [■] on main unit for next error.	Check supply voltages on Main P.C.B.
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

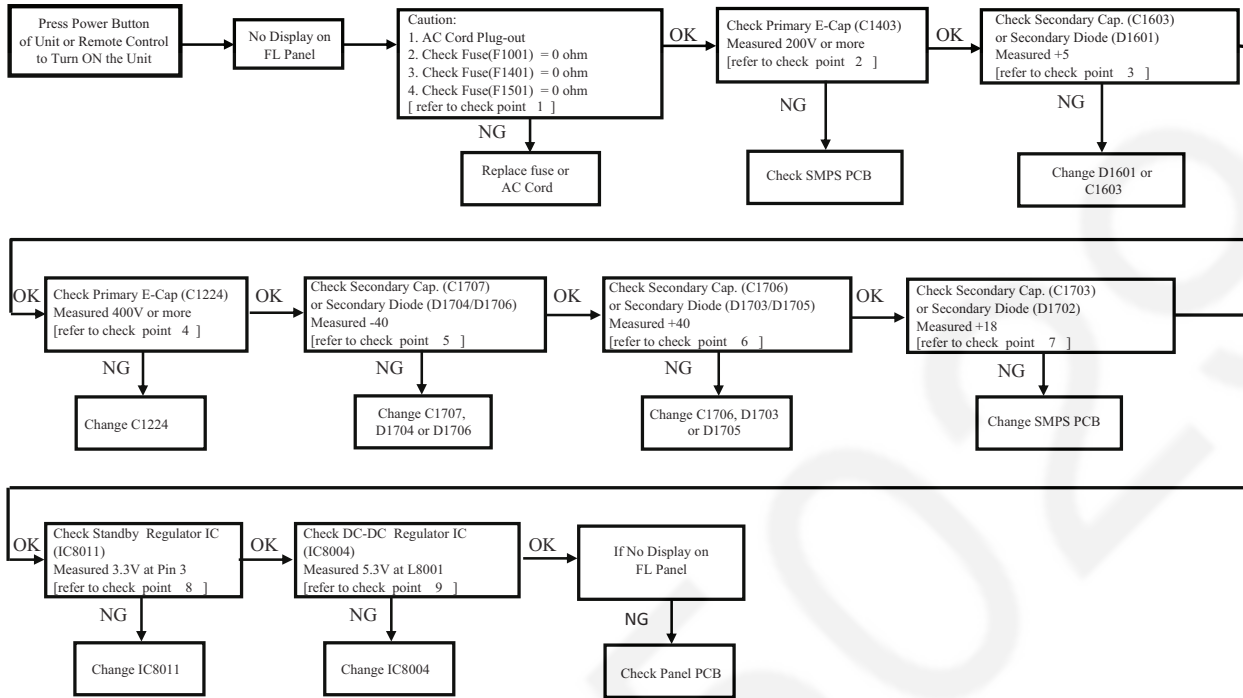
Item		FL Display	Key Operation	Solution (PCB exchange repair)
Mode Name	Description		Front Key	
Error Code CD H15	Diagnosis Contents: CD Open Abnormal. During operation POS_SW_R On fail to be detected within 4 sec. Error No. shall be clear by force or during cold start.		Press [■] on main unit for next error.	Check following: 1. CD Interface P.C.B. (Pin 3, 4, 6) 2. SOC IC (IC1001)
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.	Check following: 1. CD Interface P.C.B. (Pin 6, 3, 4) 2. SOC IC (IC1001)
Error Code F26	Diagnosis Contents: Communication between CD servo LSI and micro-p abnormal. During switch to CD func-tion, if SENSE = "L" within fail safe time of 20ms.		Press [■] on main unit for next error.	Check following: 1. SOC IC (IC1001)

6.5.3. Bluetooth Error Code Table

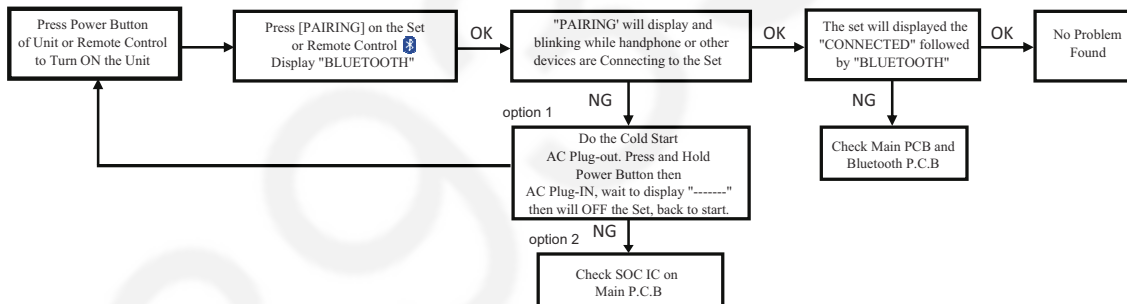
Item		FL Display	Key Operation	Solution (PCB exchange repair)
Mode Name	Description		Front Key	
Error Code F703	Diagnosis Contents: Bluetooth Communication. Communication between Bluetooth module and micro-p abnormal.		Press [■] on main unit for next error.	Check following: 1. Bluetooth P.C.B. 2. SOC IC on Main P.C.B.
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.	Check following: 1. EEPROM IC (IC1004) on Main P.C.B.

7 Troubleshooting Guide

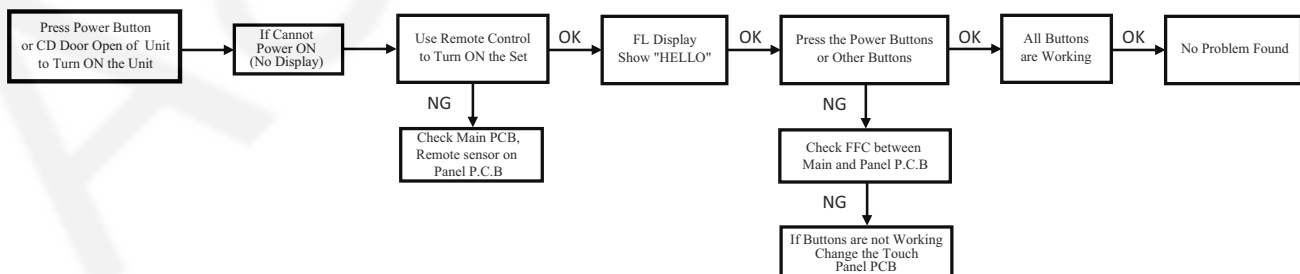
7.1. No Power or No Display



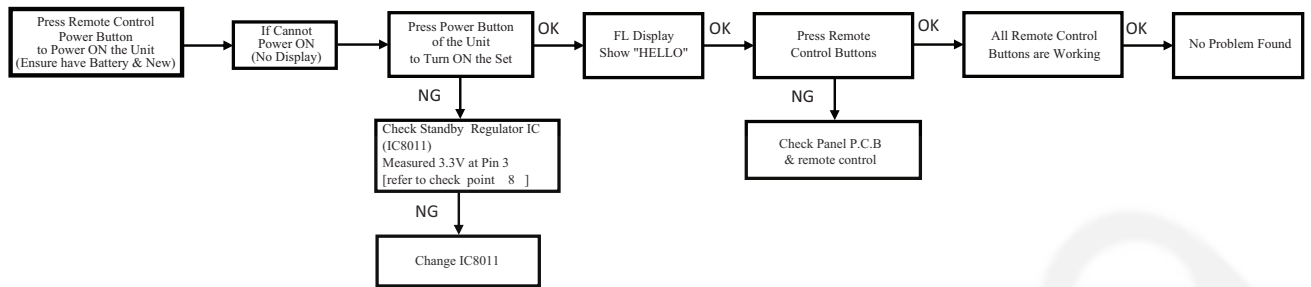
7.2. Bluetooth® Pairing Failure



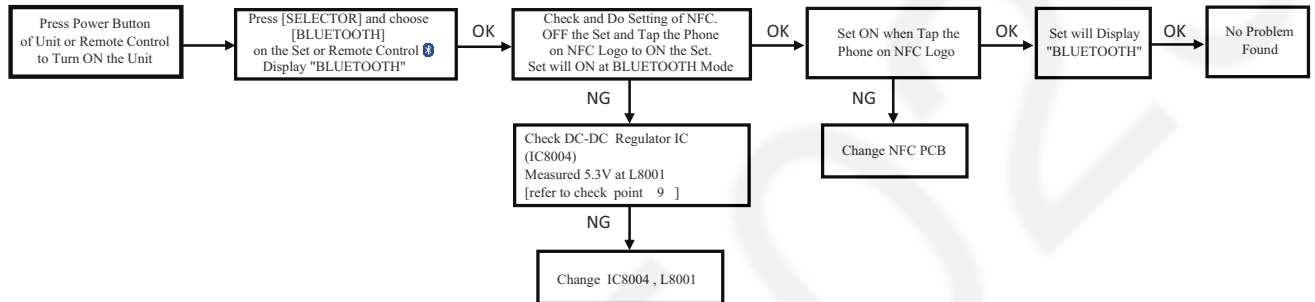
7.3. No Key Function



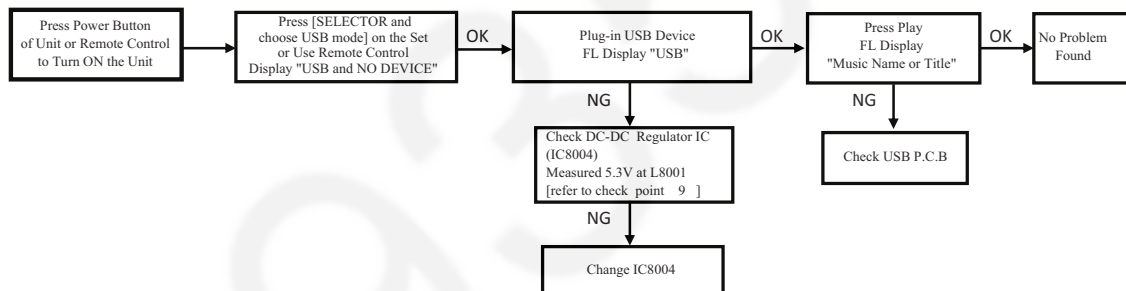
7.4. No Remote Control Function



7.5. No NFC

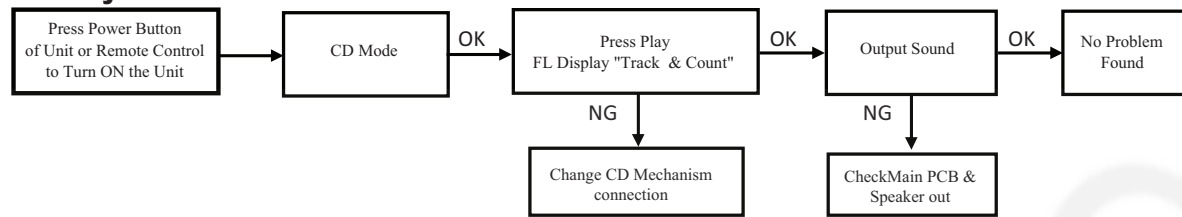


7.6. USB Device Cannot Detect

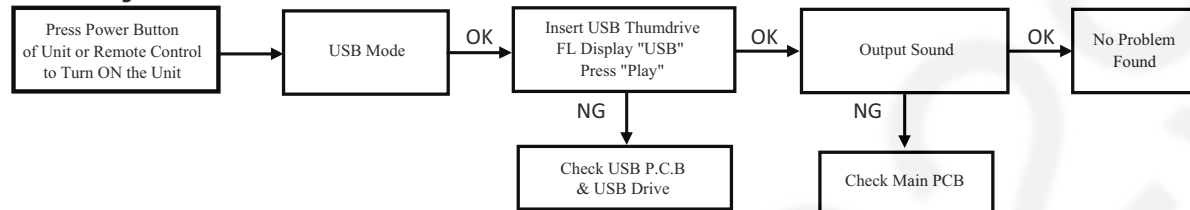


7.7. No Output Sound

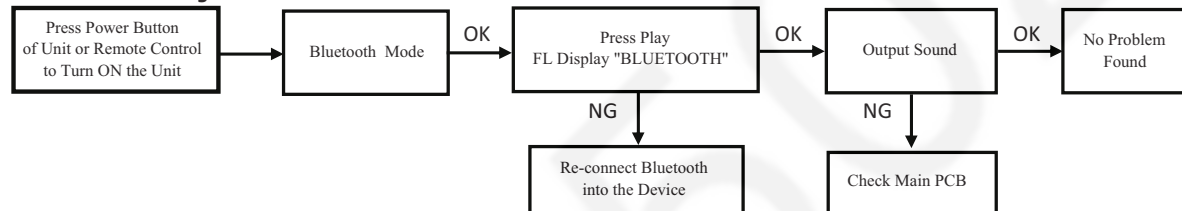
CD Play



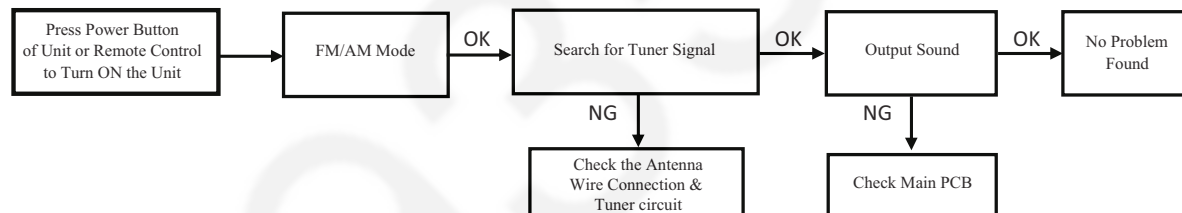
USB Play



Bluetooth Play

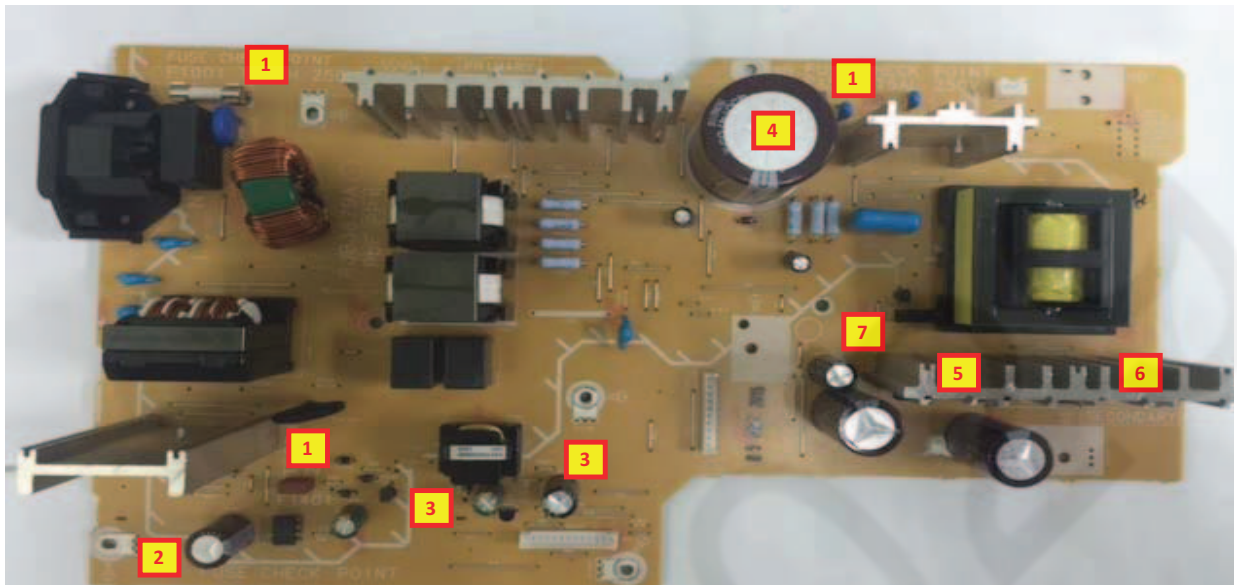


Tuner Mode

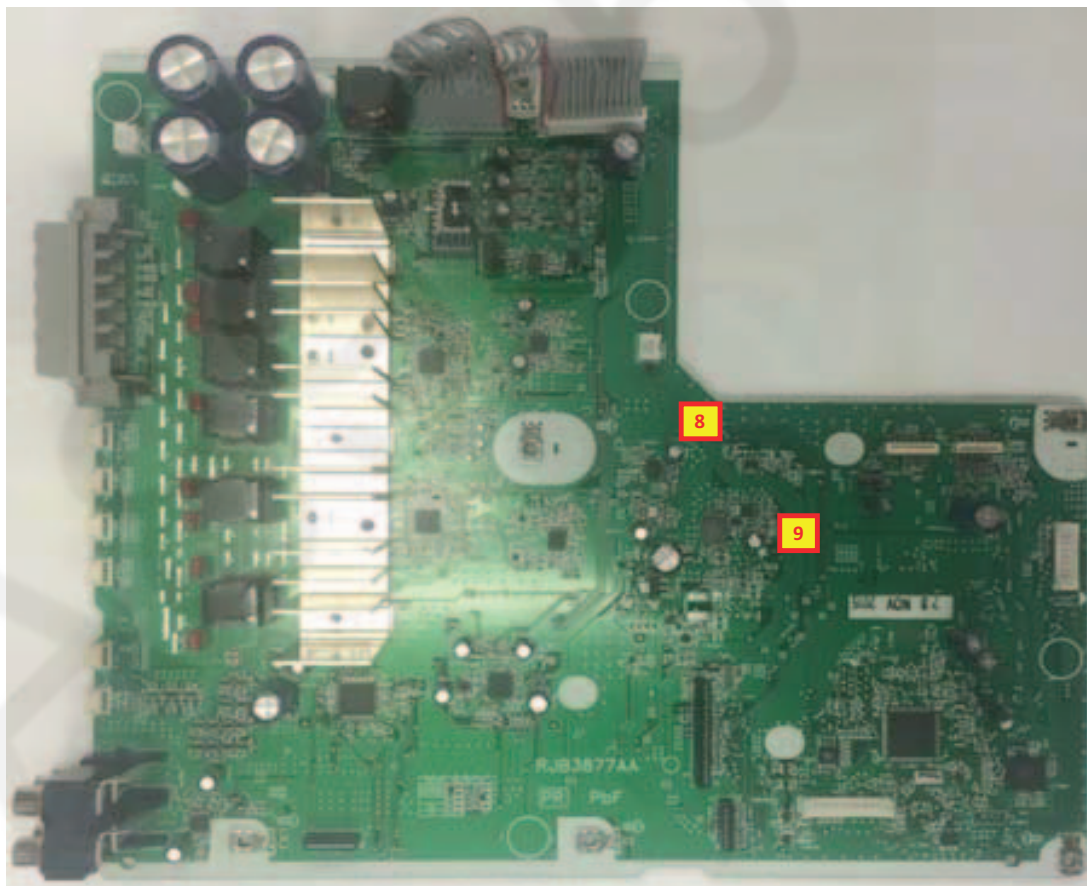


7.8. Check Point

7.8.1. SMPS P.C.B.



7.8.2. Main P.C.B.



8 Disassembly and Assembly Instructions

- Illustration is based on SA-MAX9000PU.
- 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 Front Panel Unit
 - Disassembly of Main P.C.B.
 - Disassembly of SMPS P.C.B.
 - Disassembly of CD Mechanism Unit
 - Disassembly of CD Interface P.C.B.
 - Disassembly of Tuner P.C.B.
 - Disassembly of NFC P.C.B.
 - Disassembly of USB P.C.B.
 - Disassembly of Mic P.C.B.
 - Disassembly of Panel P.C.B.

8.1. Type of Screws

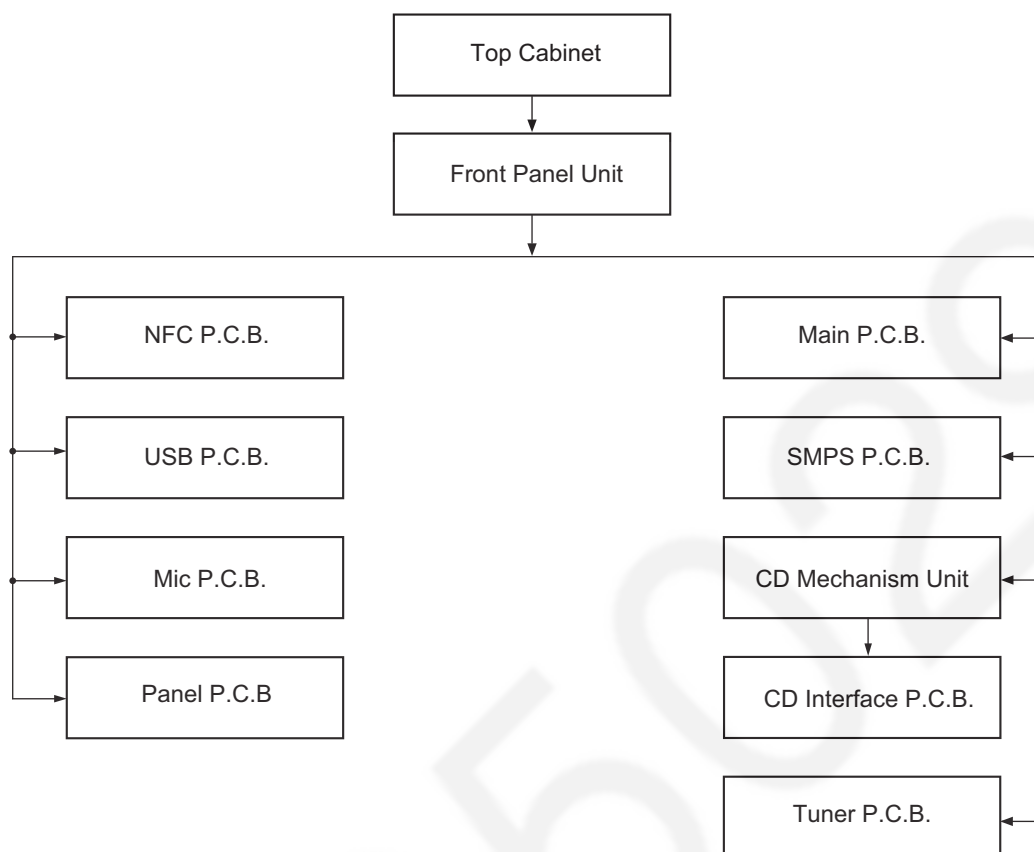
CAUTION NOTE:

Please use original screw and at correct locations.

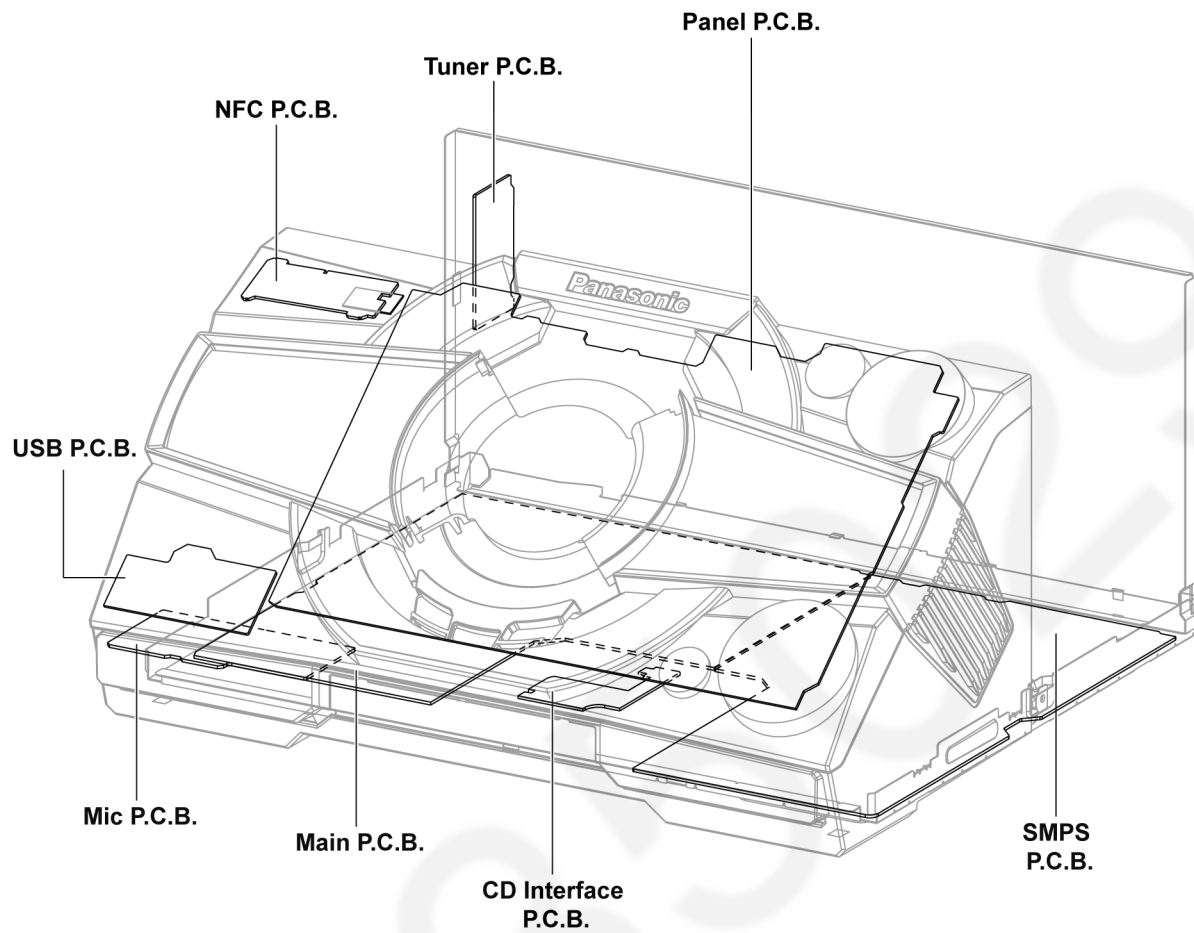
Below shown is part no. of different screw types used:

- | | |
|------------------------|-----------------------|
| a :RHD30007-K2J | e :RHDX031008 |
| b :RHD30119-S | f :XTN2+6GFJ |
| c :RHD30111-31 | g :RHD26046-L |
| d :XTB4+10AFJ | h :RHD26016-1L |

8.2. Disassembly Flow Chart

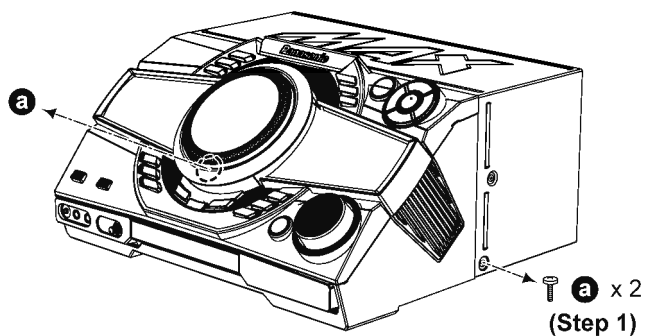


8.3. Main Components and P.C.B. Locations

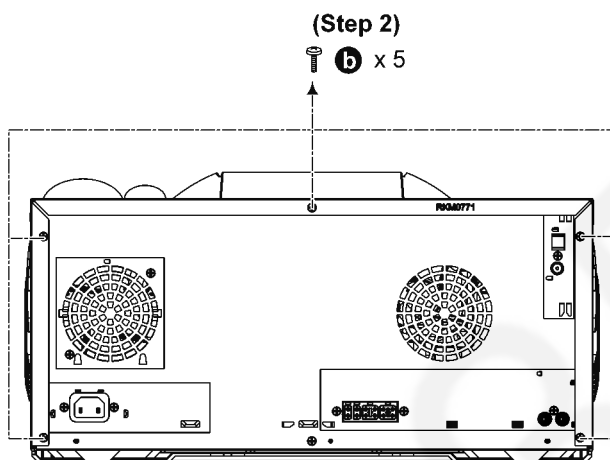


8.4. Disassembly of Top Cabinet

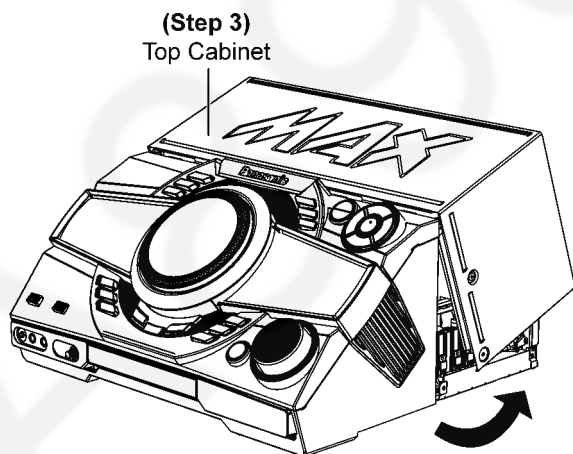
Step 1 Remove 2 screws.



Step 2 Remove 5 screws.



Step 3 Remove Top Cabinet.



8.5. Disassembly of Front Panel Unit

• Refer to "Disassembly of Top Cabinet".

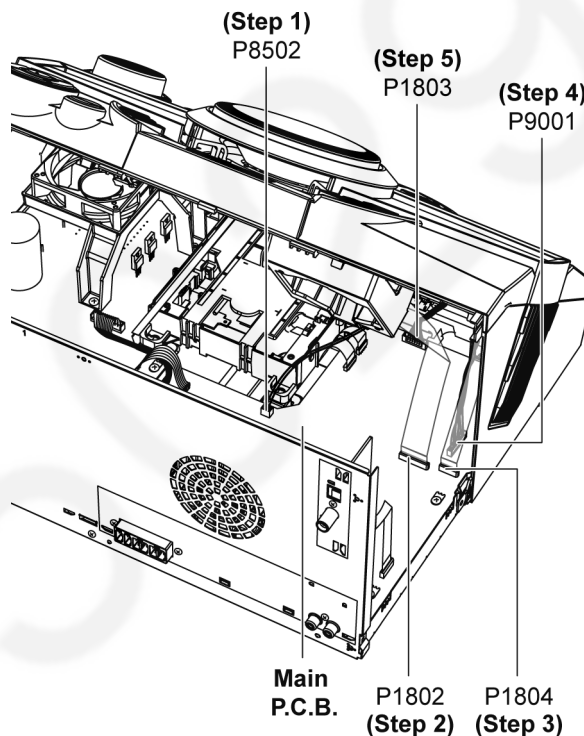
Step 1 Detach 2P Cable at connector (P8502) on Main P.C.B..

Step 2 Detach 30P FFC at connector (P1802) on Main P.C.B..

Step 3 Detach 12P FFC at connector (P1804) on Main P.C.B..

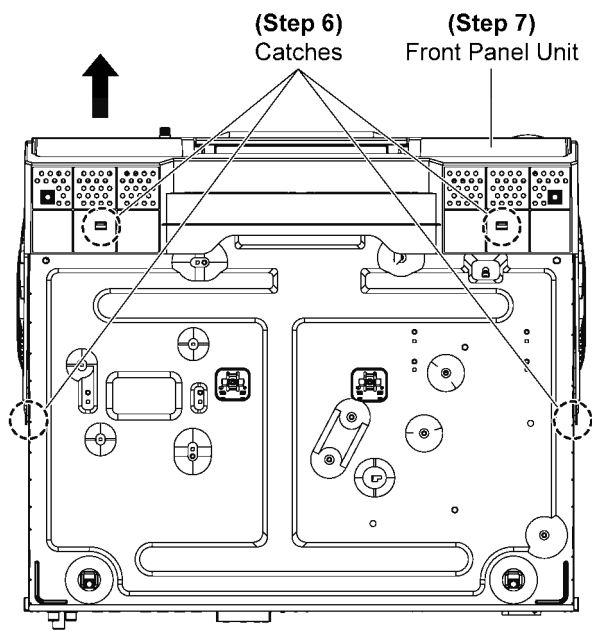
Step 4 Detach 12P Cable at connector (P9001) on Main P.C.B..

Step 5 Detach 9P Cable at connector (P1803) on Main P.C.B..

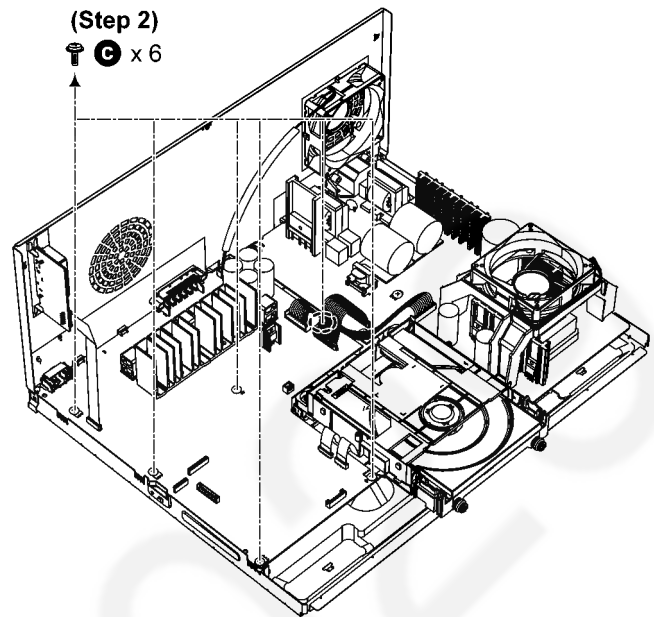


Step 6 Release catches.

Step 7 Remove Front Panel Unit.



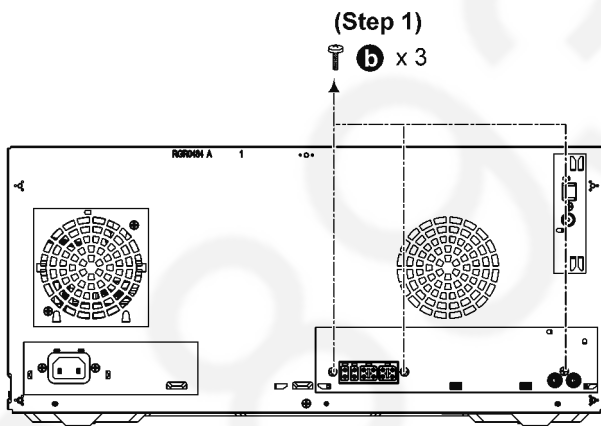
Step 2 Remove 6 screws.



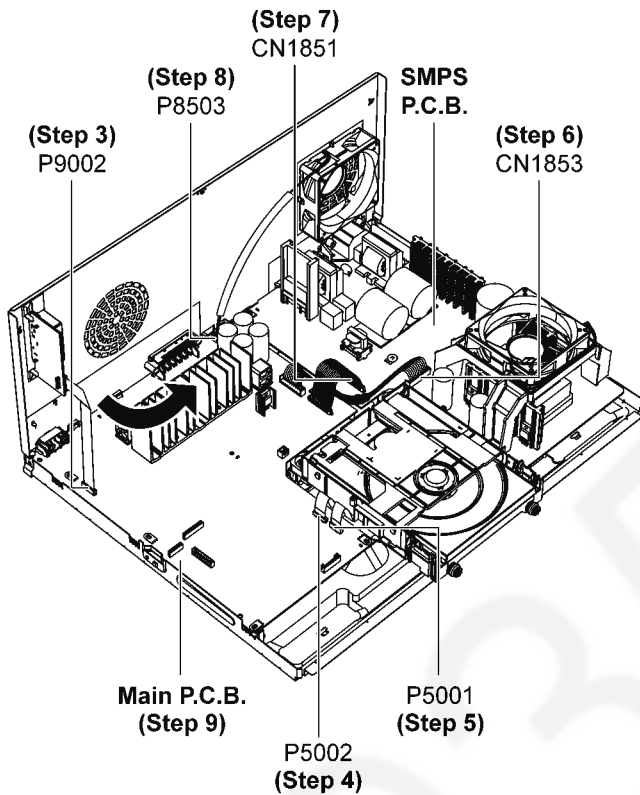
8.6. Disassembly of Main P.C.B.

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

Step 1 Remove 3 screws.



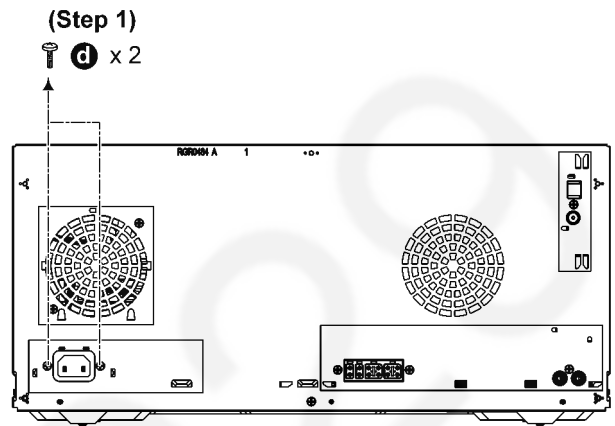
Step 3 Detach 13P FFC at connector (P9002) on Main P.C.B..
Step 4 Detach 24P FFC at connector (P5002) on Main P.C.B..
Step 5 Detach 10P FFC at connector (P5001) on Main P.C.B..
Step 6 Detach 10P Cable at connector (CN1853) on SMPS P.C.B..
Step 7 Detach 13P Cable at connector (CN1851) on SMPS P.C.B..
Step 8 Detach 2P Cable at connector (P8503) on Main P.C.B..
Step 9 Remove Main P.C.B..



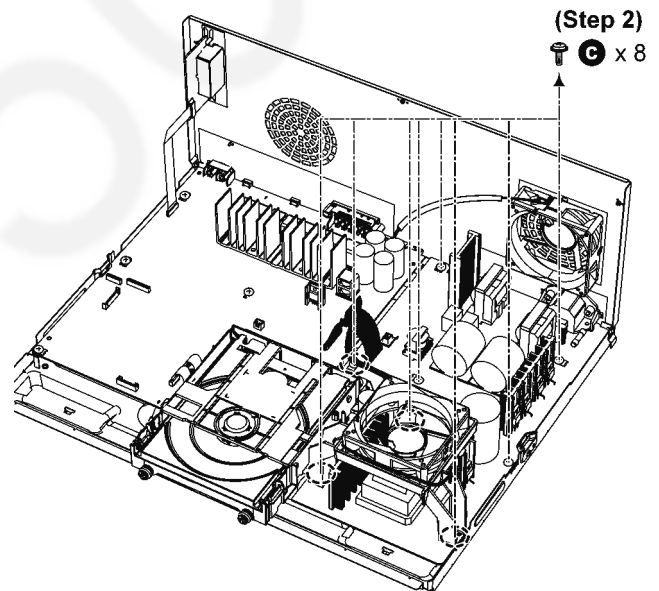
8.7. Disassembly of SMPS P.C.B.

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

Step 1 Remove 2 screws.



Step 2 Remove 8 screws.

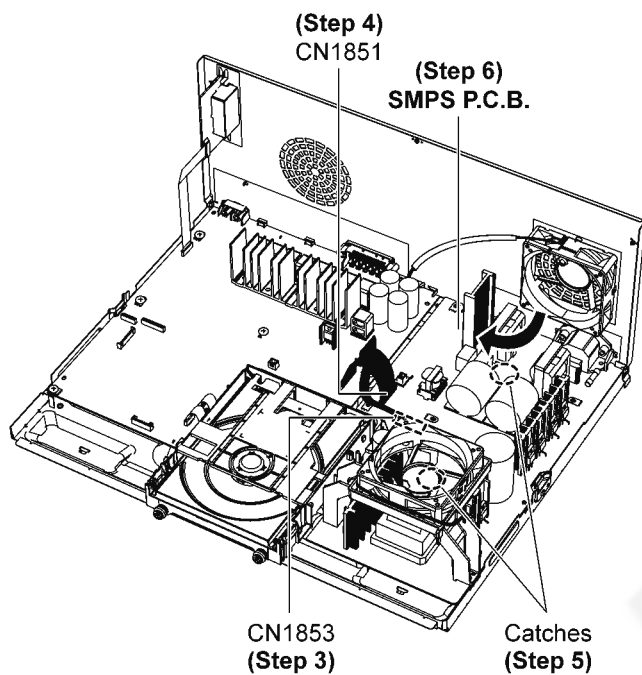


Step 3 Detach 10P Cable at connector (CN1853) on SMPS P.C.B..

Step 4 Detach 13P Cable at connector (CN1851) on SMPS P.C.B..

Step 5 Release catches.

Step 6 Remove SMPS P.C.B..



8.8. Disassembly of CD Mechanism Unit

• Refer to "Disassembly of Top Cabinet".

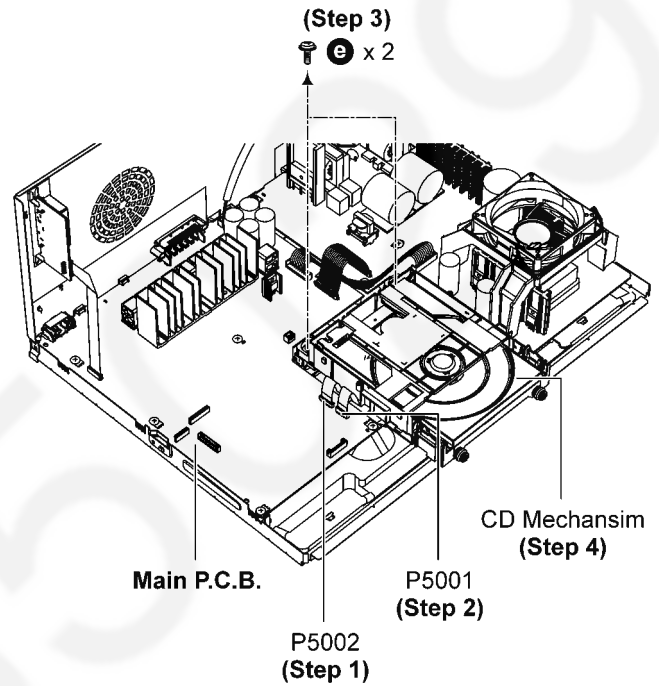
• Refer to "Disassembly of Front Panel Unit".

Step 1 Detach 24P FFC at connector (P5002) on Main P.C.B..

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

Step 3 Remove 2 screws.

Step 4 Remove CD Mechanism.



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

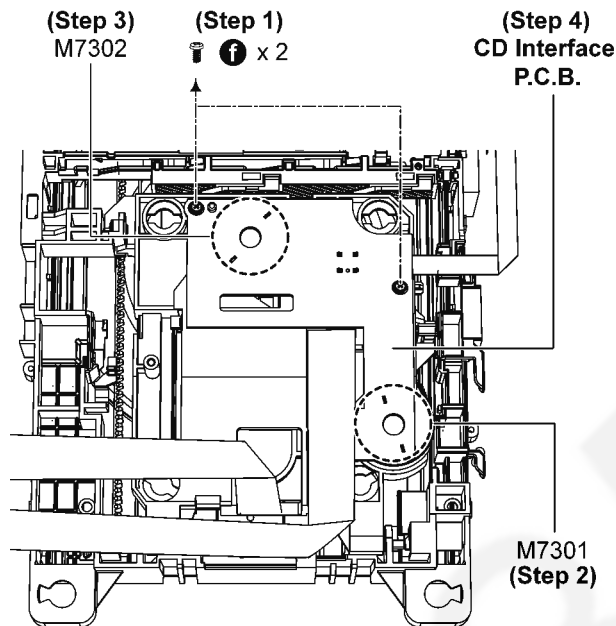
- Refer to “Disassembly of Top Cabinet”.
- Refer to “Disassembly of Front Panel Unit”.
- Refer to “Disassembly of CD Mechanism Unit”.

Step 1 Remove 2 screws.

Step 2 Desolder pins of motor (M7301).

Step 3 Desolder pins of motor (M7302).

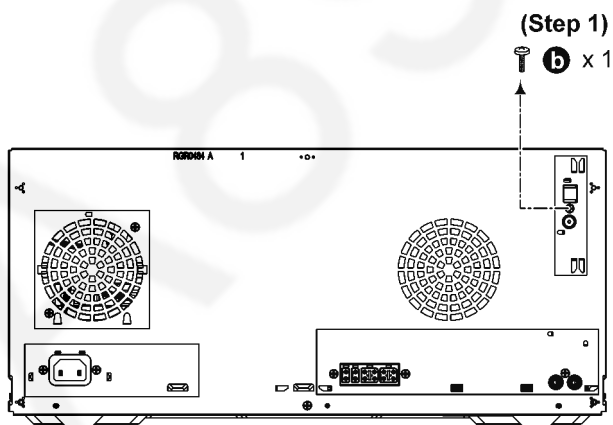
Step 4 Remove CD Interface P.C.B..



8.10. Disassembly of Tuner P.C.B.

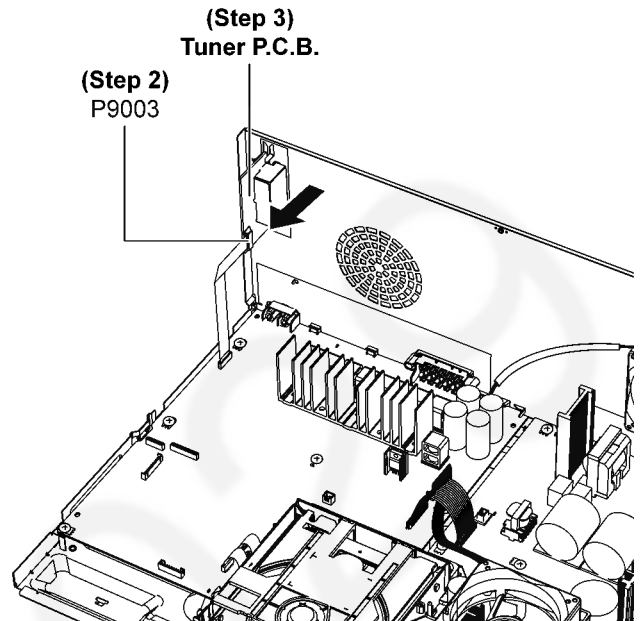
- Refer to “Disassembly of Top Cabinet”.
- Refer to “Disassembly of Front Panel Unit”.

Step 1 Remove screw.



Step 2 Detach 13P FFC at connector (P9003) on Tuner P.C.B..

Step 3 Remove Tuner P.C.B..

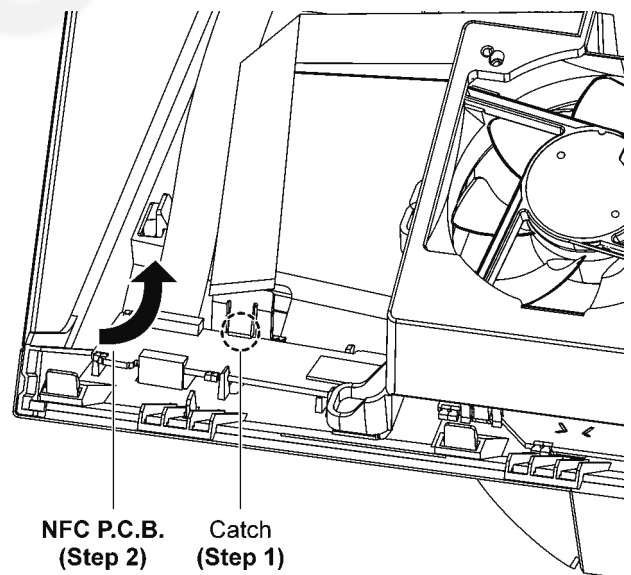


8.11. Disassembly NFC P.C.B.

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

Step 1 Release catch.

Step 2 Remove NFC P.C.B. from slot.



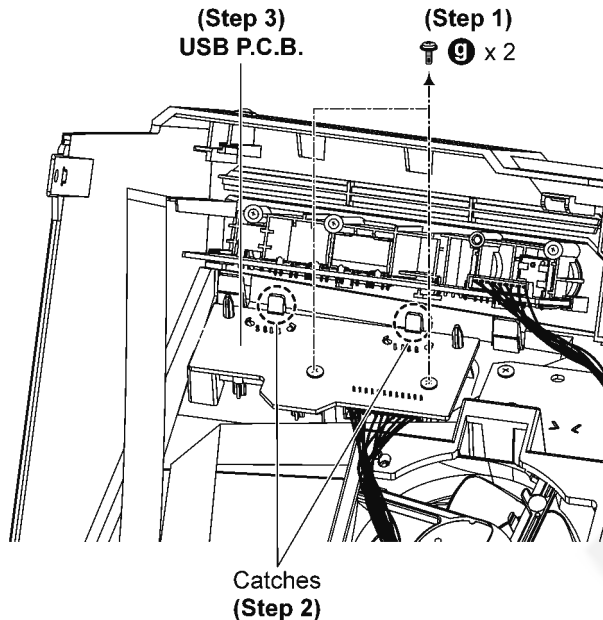
8.12. Disassembly of USB P.C.B.

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

Step 1 Remove 2 screws.

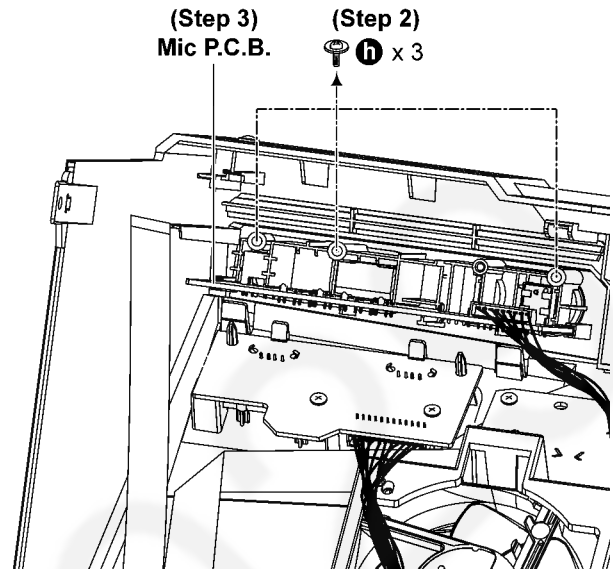
Step 2 Release catches.

Step 3 Remove USB P.C.B..



Step 2 Remove 3 screws.

Step 3 Remove Mic P.C.B..



8.14. Disassembly of Panel P.C.B.

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

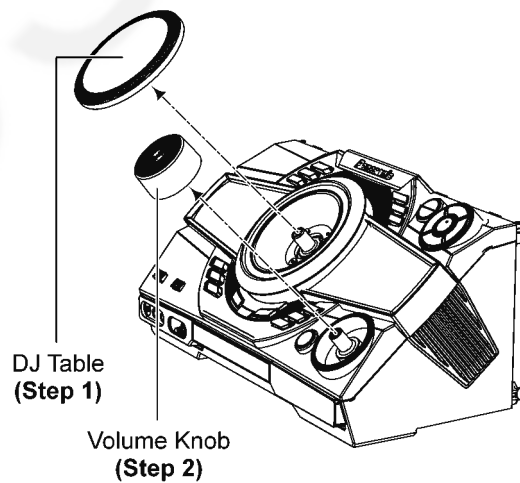
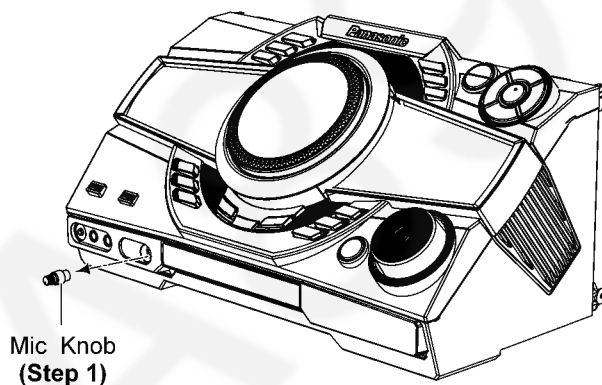
Step 1 Remove DJ Table.

Step 2 Remove Volume Knob.

8.13. Disassembly of Mic P.C.B.

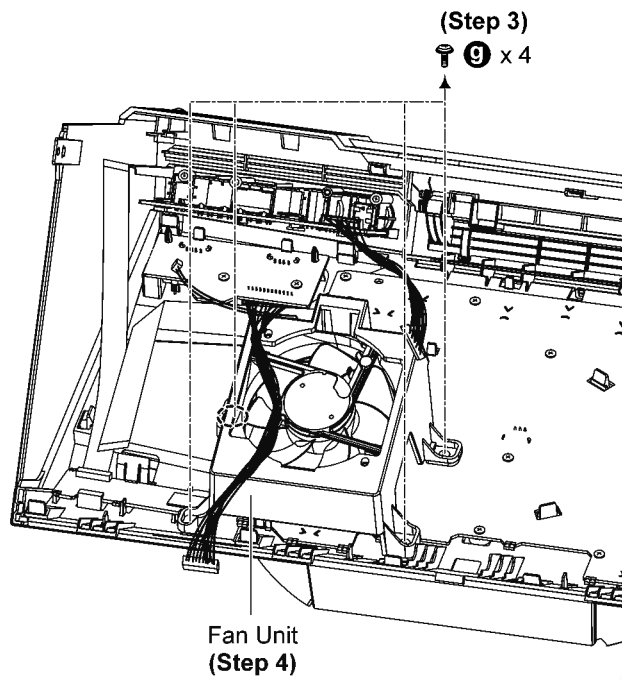
- Refer to "Disassembly of Top Cabinet".
- Refer to "Disassembly of Front Panel Unit".

Step 1 Remove Mic knob.



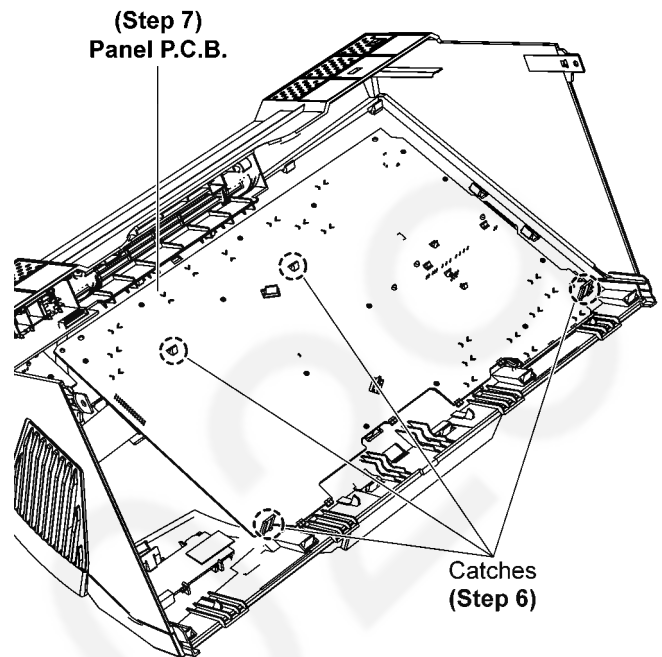
Step 3 Remove 4 screws.

Step 4 Remove Fan Unit.

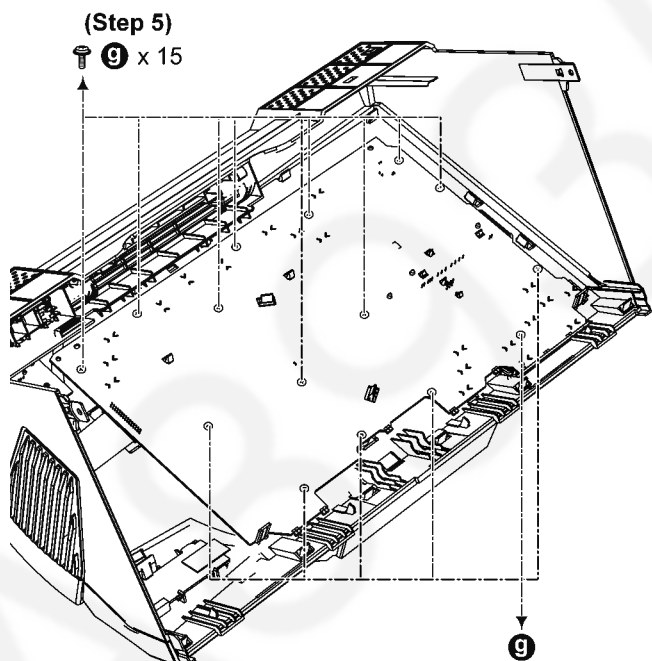


Step 6 Release catches.

Step 7 Remove Panel P.C.B..



Step 5 Remove 15 screws.

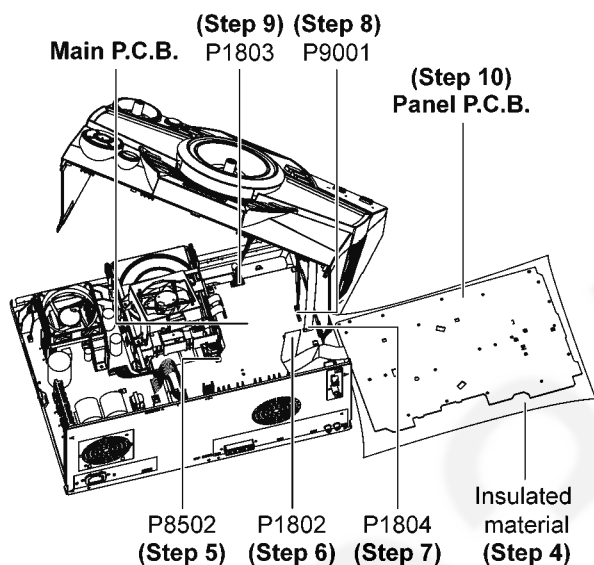


9 Service Position

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

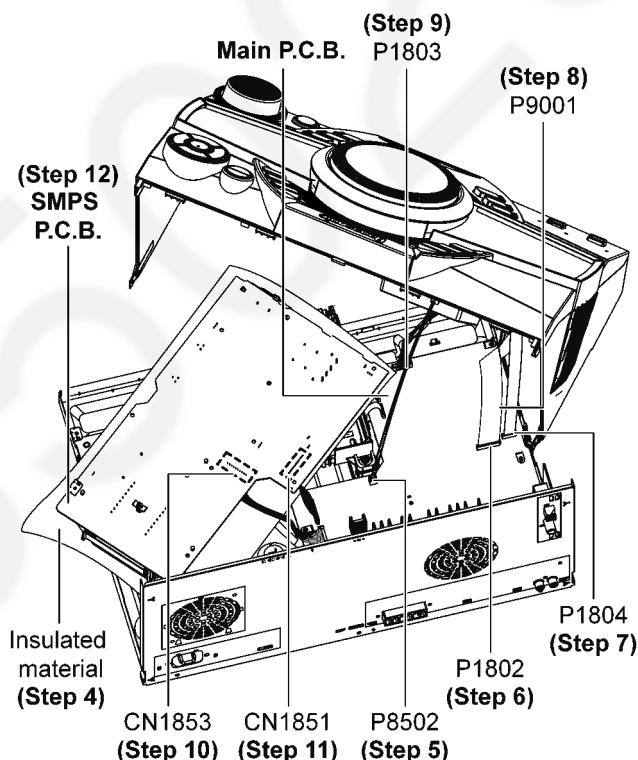
9.1. Checking of Panel P.C.B.

- Step 1** Remove Top Cabinet.
- Step 2** Remove Front Panel Unit.
- Step 3** Remove Panel P.C.B..
- Step 4** Place Panel P.C.B. on the insulated material as shown.
- Step 5** Attach 2P Cable at connector (P8502) on Main P.C.B..
- Step 6** Attach 30P FFC at connector (P1802) on Main P.C.B..
- Step 7** Attach 12P FFC at connector (P1804) on Main P.C.B..
- Step 8** Attach 12P Cable at connector (P9001) on Main P.C.B..
- Step 9** Attach 9P Cable at connector (P1803) on Main P.C.B..
- Step 10** Panel 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 SMPS P.C.B..
- Step 4** Place SMPS P.C.B. on the insulated material as shown.
- Step 5** Attach 2P Cable at connector (P8502) on Main P.C.B..
- Step 6** Attach 30P FFC at connector (P1802) on Main P.C.B..
- Step 7** Attach 12P FFC at connector (P1804) on Main P.C.B..
- Step 8** Attach 12P Cable at connector (P9001) on Main P.C.B..
- Step 9** Attach 9P Cable at connector (P1803) on Main P.C.B..
- Step 10** Attach 10P Cable at connector (CN1853) on SMPS P.C.B..
- Step 11** Attach 13P Cable at connector (CN1851) on SMPS P.C.B..
- Step 12** 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 SMPS P.C.B..

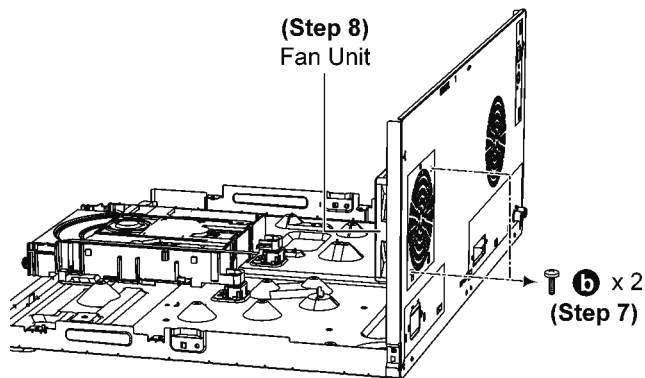
Step 4 Remove Main P.C.B..

Step 5 Remove NFC P.C.B..

Step 6 Remove Tuner P.C.B..

Step 7 Remove 2 screws.

Step 8 Remove Fan Unit.



Step 9 Place Main P.C.B., SMPS P.C.B., NFC P.C.B. and Tuner P.C.B. on the insulated material as shown.

Step 10 Attach 2P Cable at connector (P8502) on Main P.C.B..

Step 11 Attach 30P FFC at connector (P1802) on Main P.C.B..

Step 12 Attach 12P FFC at connector (P1804) on Main P.C.B..

Step 13 Attach 12P Cable at connector (P9001) on Main P.C.B..

Step 14 Attach 9P Cable at connector (P1803) on Main P.C.B..

Step 15 Attach 10P Cable at connector (CN1853) on SMPS P.C.B..

Step 16 Attach 13P Cable at connector (CN1851) on SMPS P.C.B..

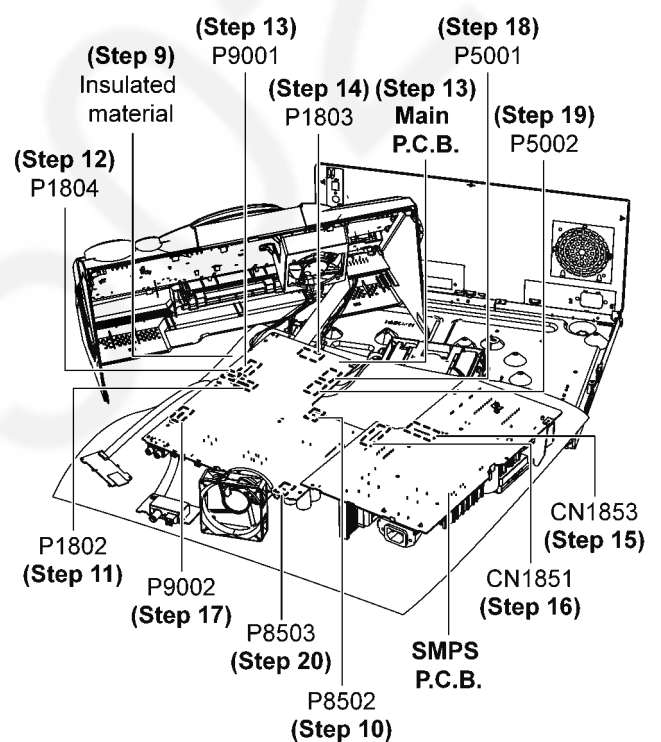
Step 17 Attach 13P FFC at connector (P9002) on Main P.C.B..

Step 18 Attach 10P FFC at connector (P5001) on Main P.C.B..

Step 19 Attach 24P FFC at connector (P5002) on Main P.C.B..

Step 20 Attach 2P Cable at connector (P8503) on Main P.C.B..

Step 21 Main P.C.B. can be checked as diagram shown.

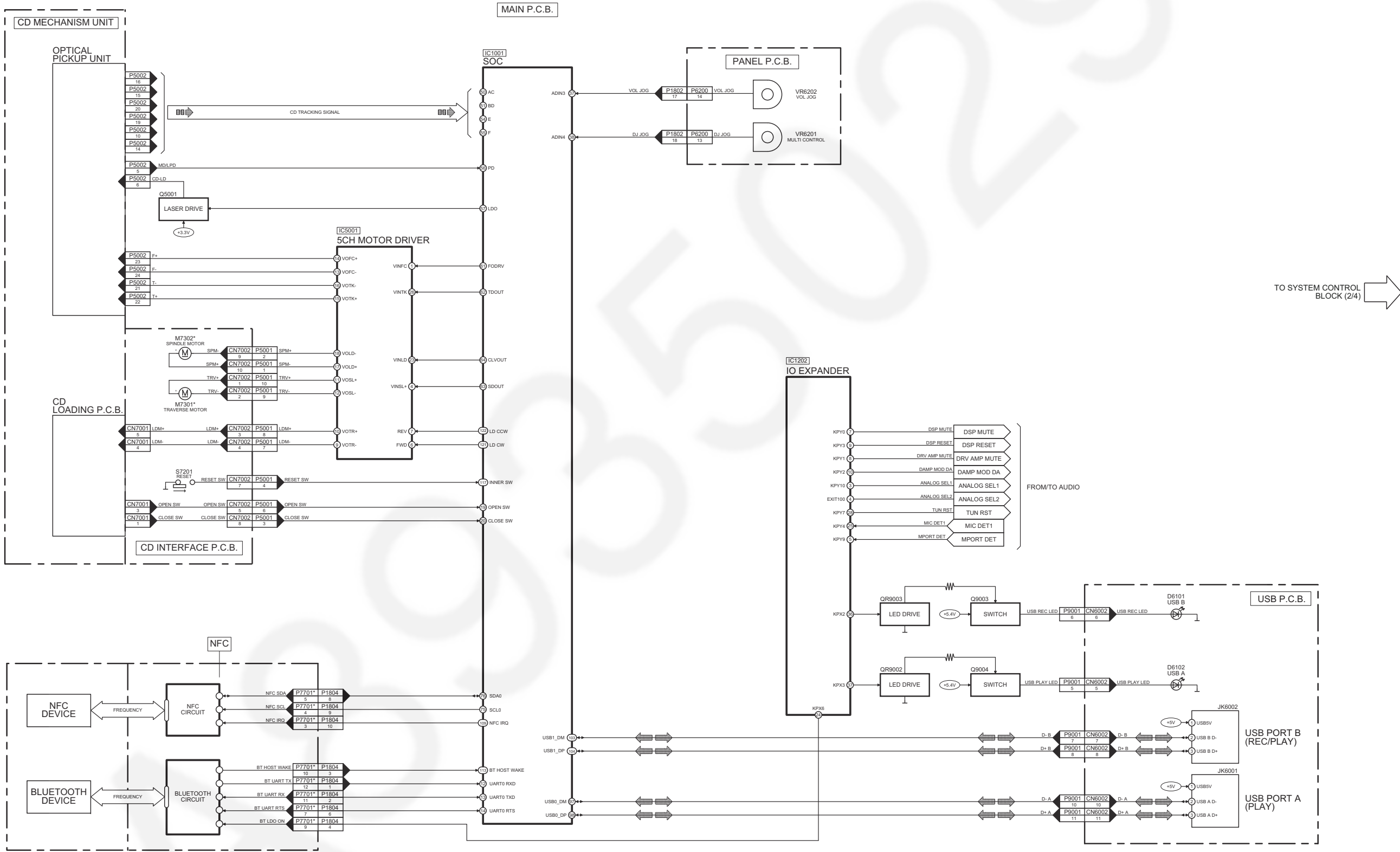


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10 Block Diagram

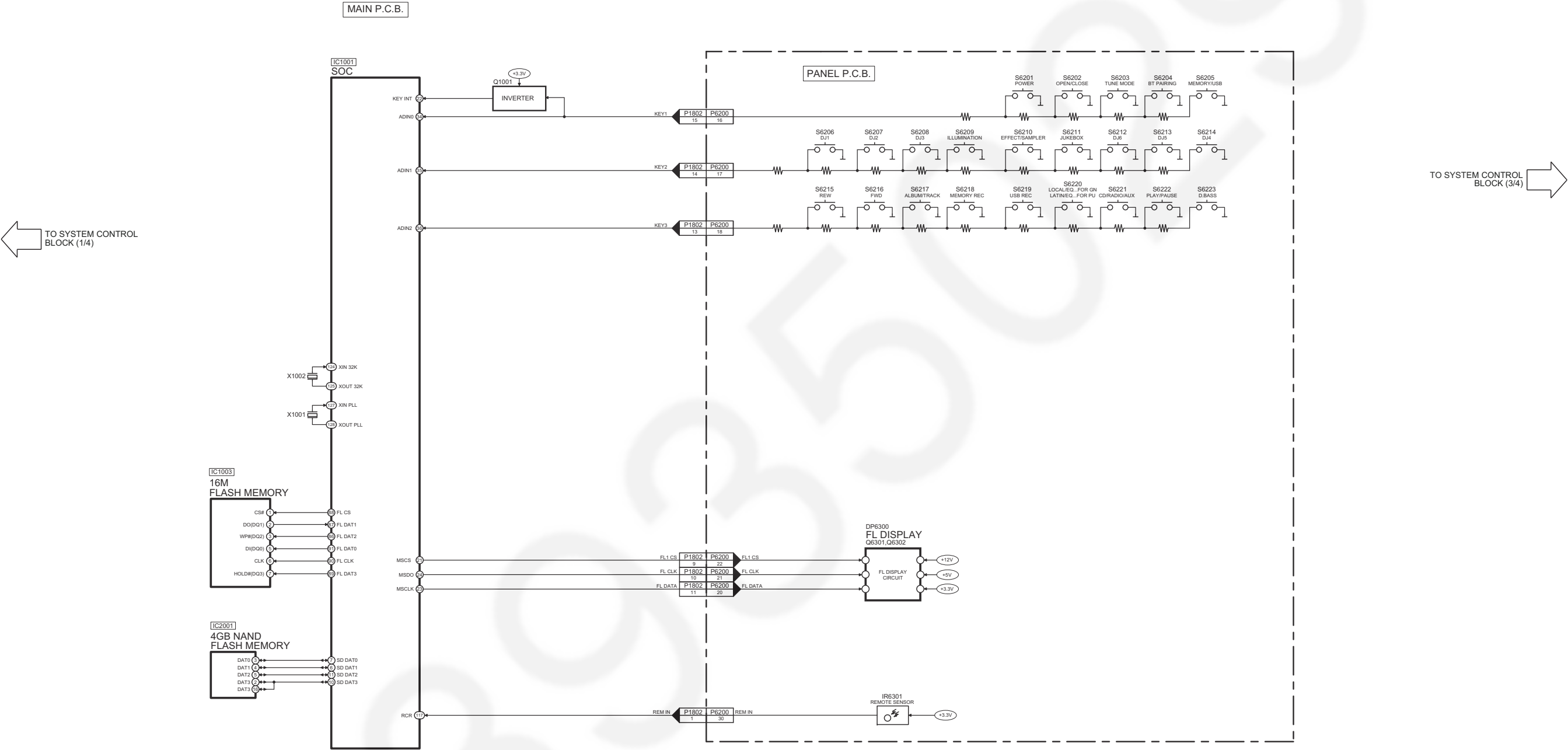
10.1. System Control

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



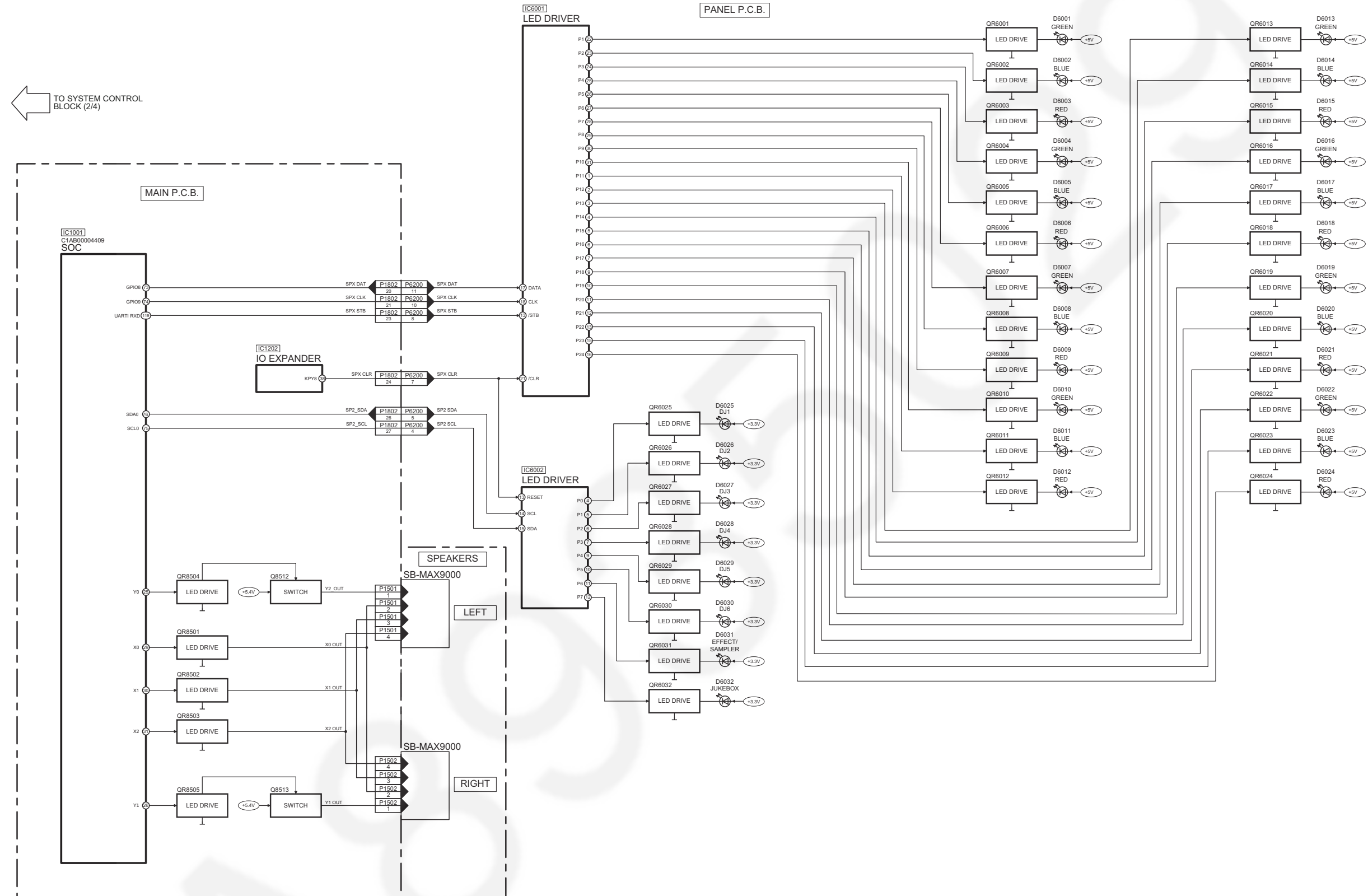
NOTE: “*” REF IS FOR INDICATION ONLY

SA-MAX9000GN/PU SYSTEM CONTROL (1/4) BLOCK DIAGRAM



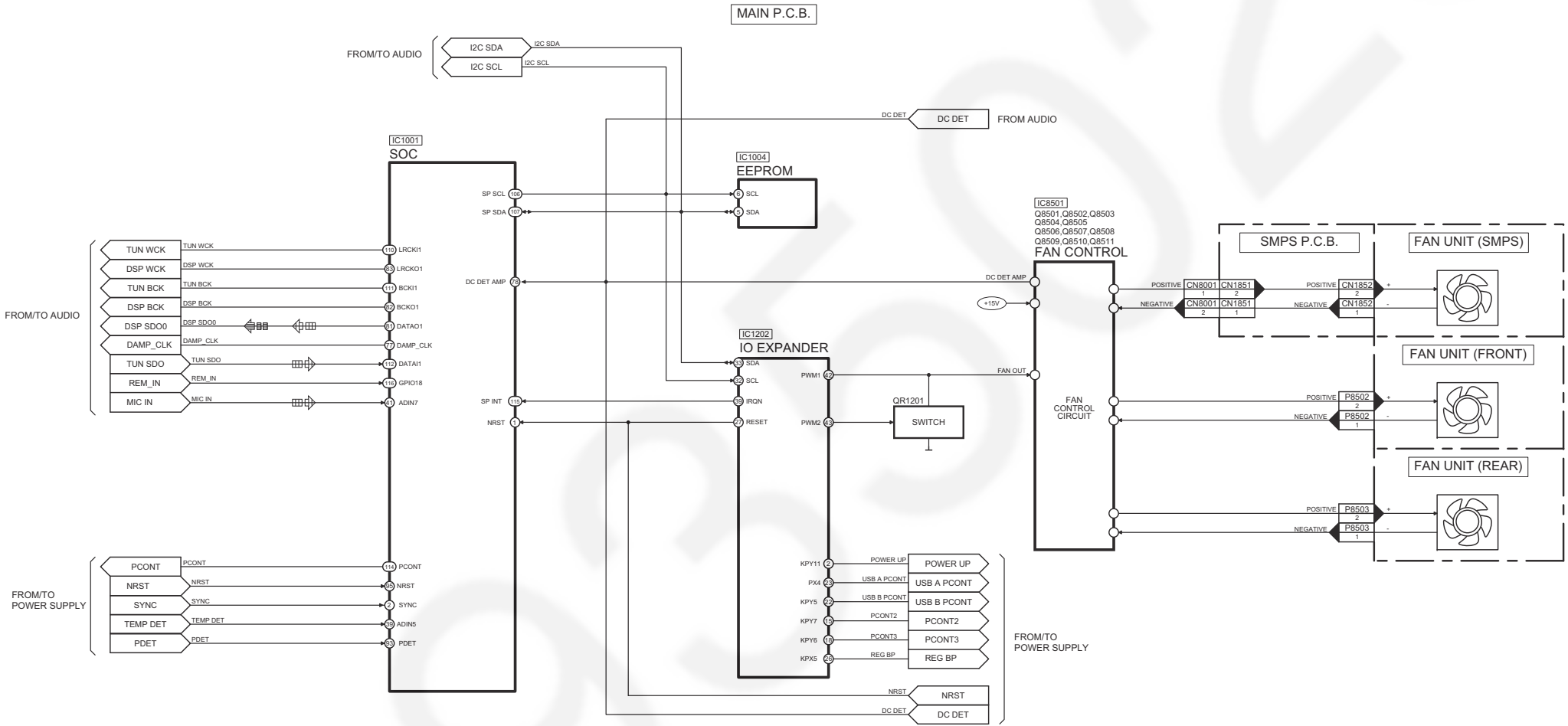
SA-MAX9000GN/PU SYSTEM CONTROL (2/4) BLOCK DIAGRAM

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



SA-MAX9000GN/PU SYSTEM CONTROL (3/4) BLOCK DIAGRAM

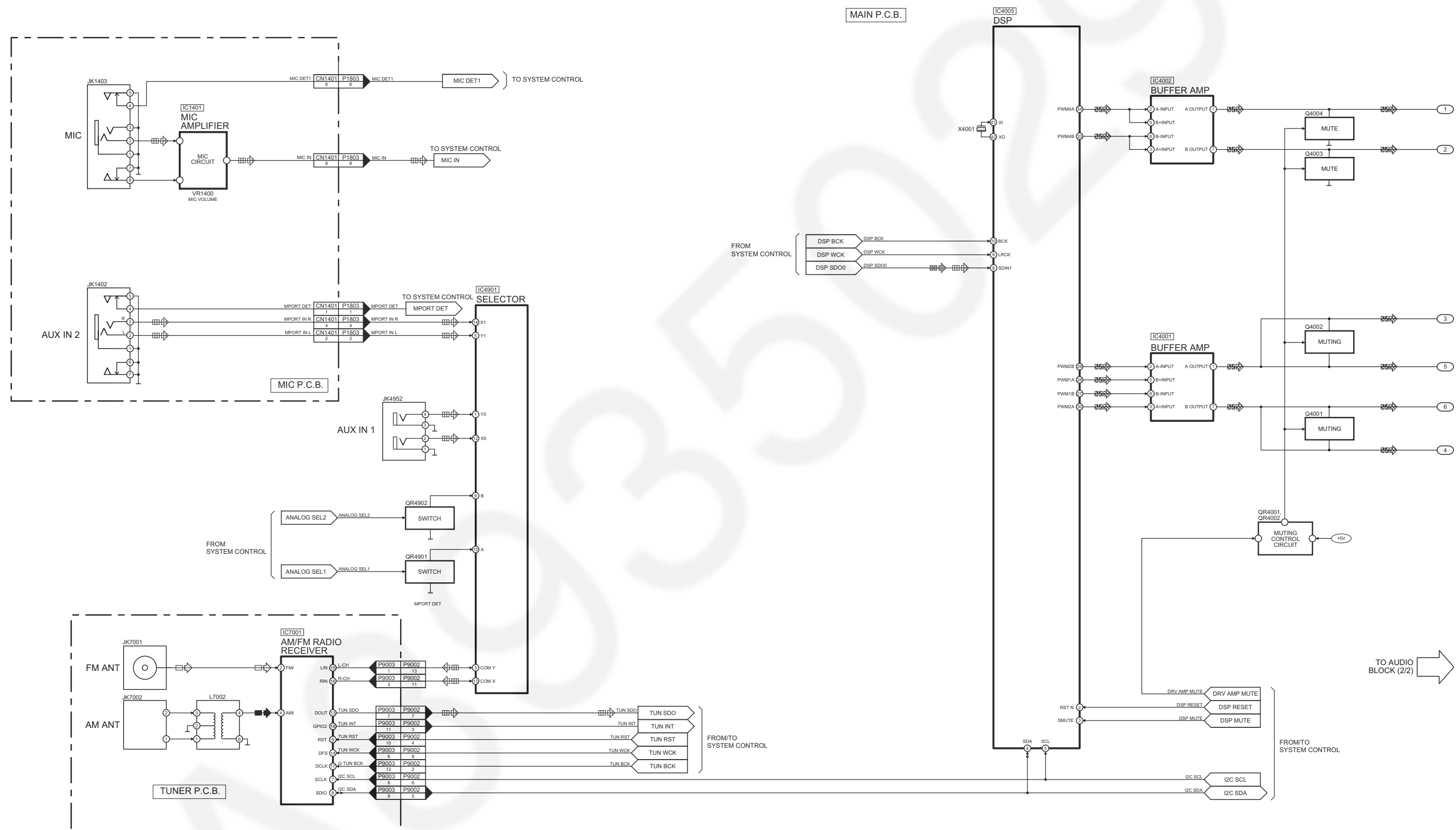
 : CD SIGNAL LINE
  : TUNER/AUX SIGNAL LINE
  : USB SIGNAL LINE



 TO SYSTEM CONTROL BLOCK (3/4)

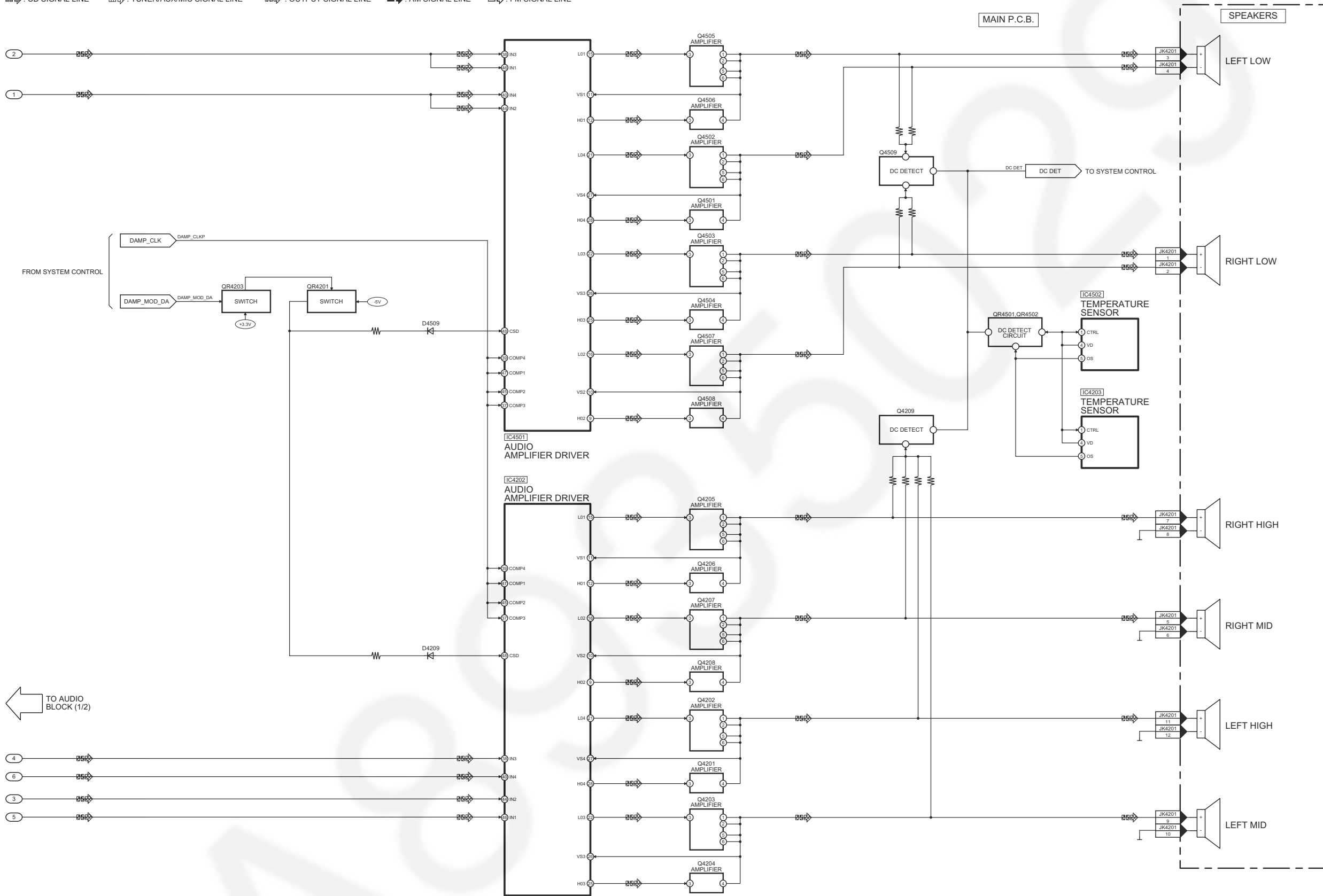
SA-MAX9000GN/PU SYSTEM CONTROL (4/4) BLOCK DIAGRAM

10.2. Audio



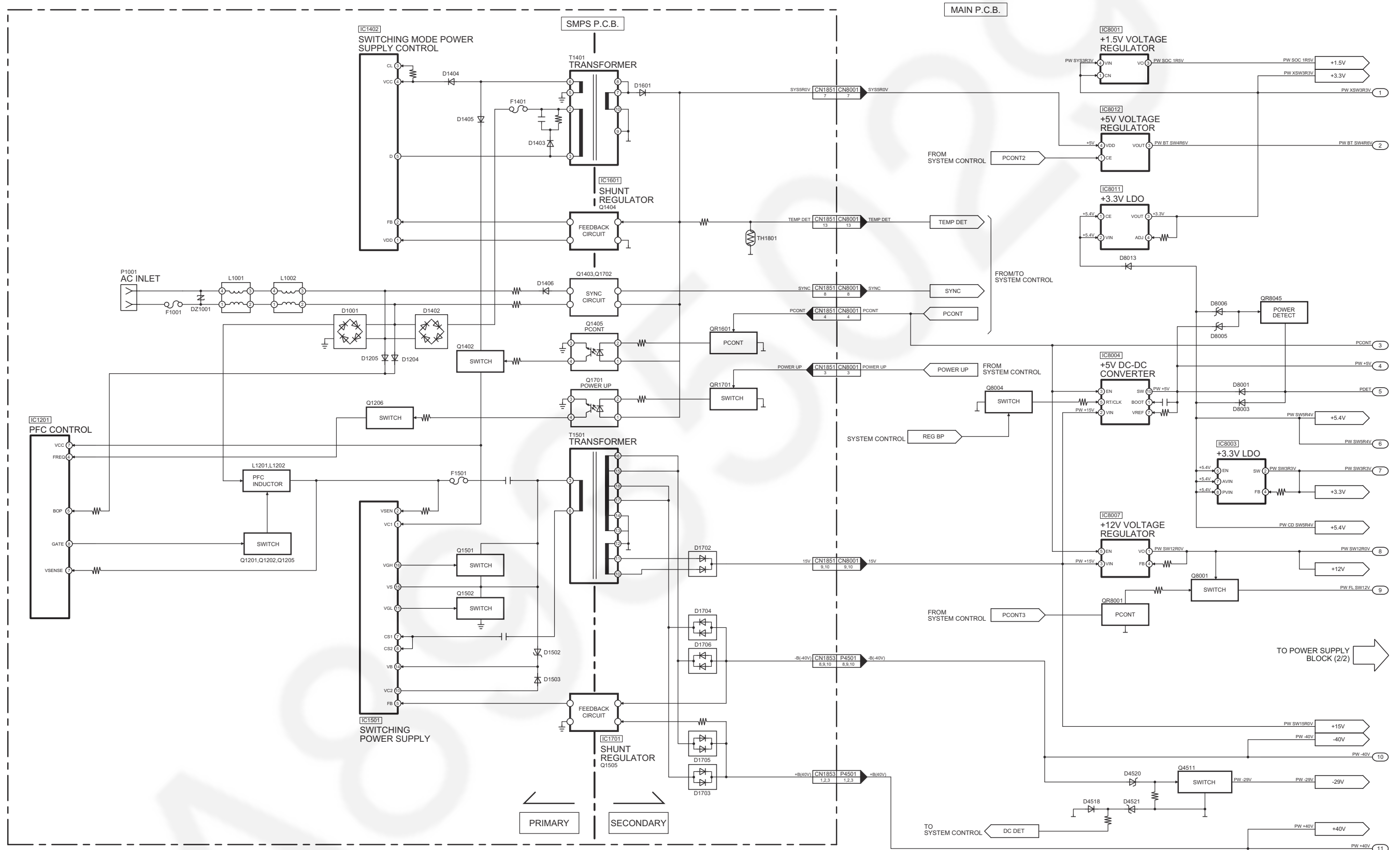
SA-MAX9000GN/PU AUDIO (1/2) BLOCK DIAGRAM

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

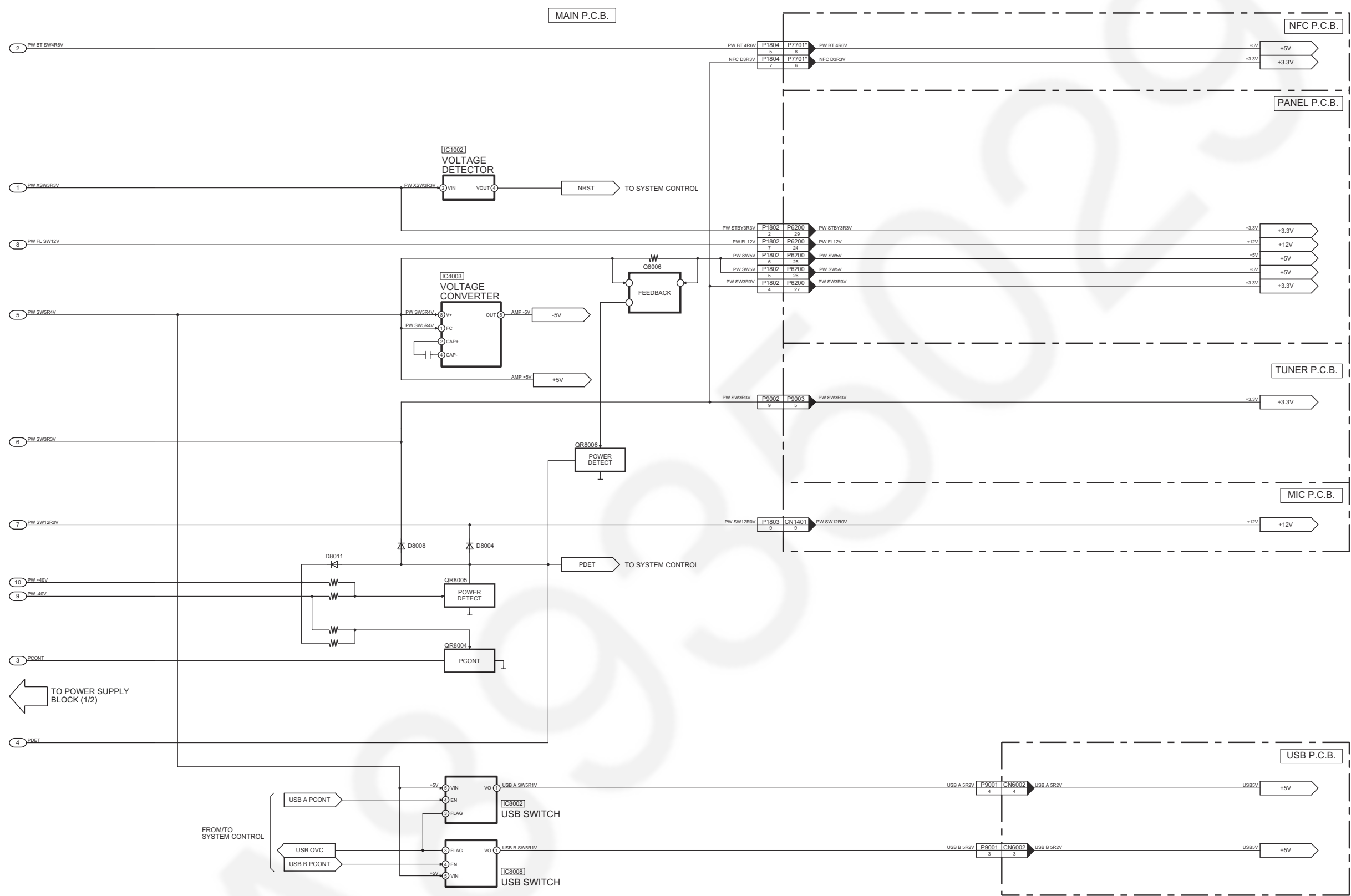


SA-MAX9000GN/PU AUDIO (2/2) BLOCK DIAGRAM

10.3. Power Supply



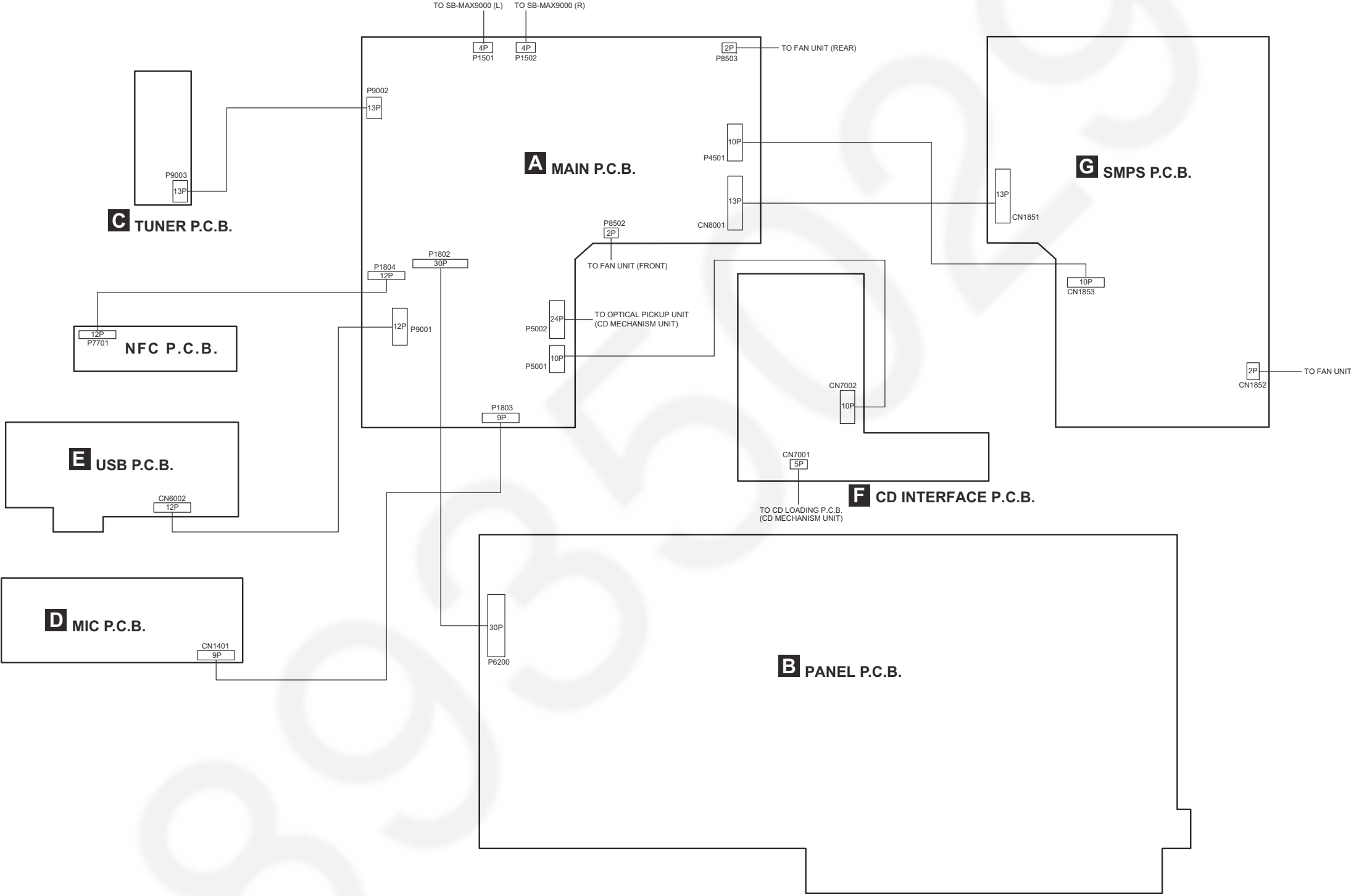
SA-MAX9000GN/PU POWER SUPPLY (1/2) BLOCK DIAGRAM



NOTE: “*” REF IS FOR INDICATION ONLY

SA-MAX9000GN/PU POWER SUPPLY (2/2) BLOCK DIAGRAM

11 Wiring Connection Diagram



SA-MAX9000GN/PU 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:

S6201:	Power (⏻/⏻) switch.
S6202:	Open/Close switch.
S6203:	Tune mode switch.
S6204:	Bluetooth -Pairing switch.
S6205:	Memory/USB switch.
S6206:	DJ1 switch.
S6207:	DJ2 switch.
S6208:	DJ3 switch.
S6209:	Illumination switch.
S6210:	Effect/Sampler switch.
S6211:	Jukebox switch.
S6212:	DJ6 switch.
S6213:	DJ5 switch.
S6214:	DJ4 switch.
S6215:	Rewind/Skip (⏮ / ⏮) switch.
S6216:	Forward/Skip (⏭ / ⏭) switch.
S6217:	Album/Track switch.
S6218:	Memory/Record switch.
S6219:	USB Rec switch.
S6220:	Latin EQ switch.
S6221:	CD/Radio/Aux switch.
S6222:	Play/Pause switch.
S6223:	D.Bass switch.
S7201:	Reset switch.
VR1400:	Mic volume Jog.
VR6201:	Multi Control Jog.
VR6202:	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:

- For SA-MAX9000GN:
C1003, C1004, C1005, C1007, C1008, C1009, C1010
- For SA-MAX9000PU:
C1001, C1002, C1003, C1004, C1006, C1007, C1008, 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 signal line
⏭	: Tuner/AUX/Mic signal line
⏮	: 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.

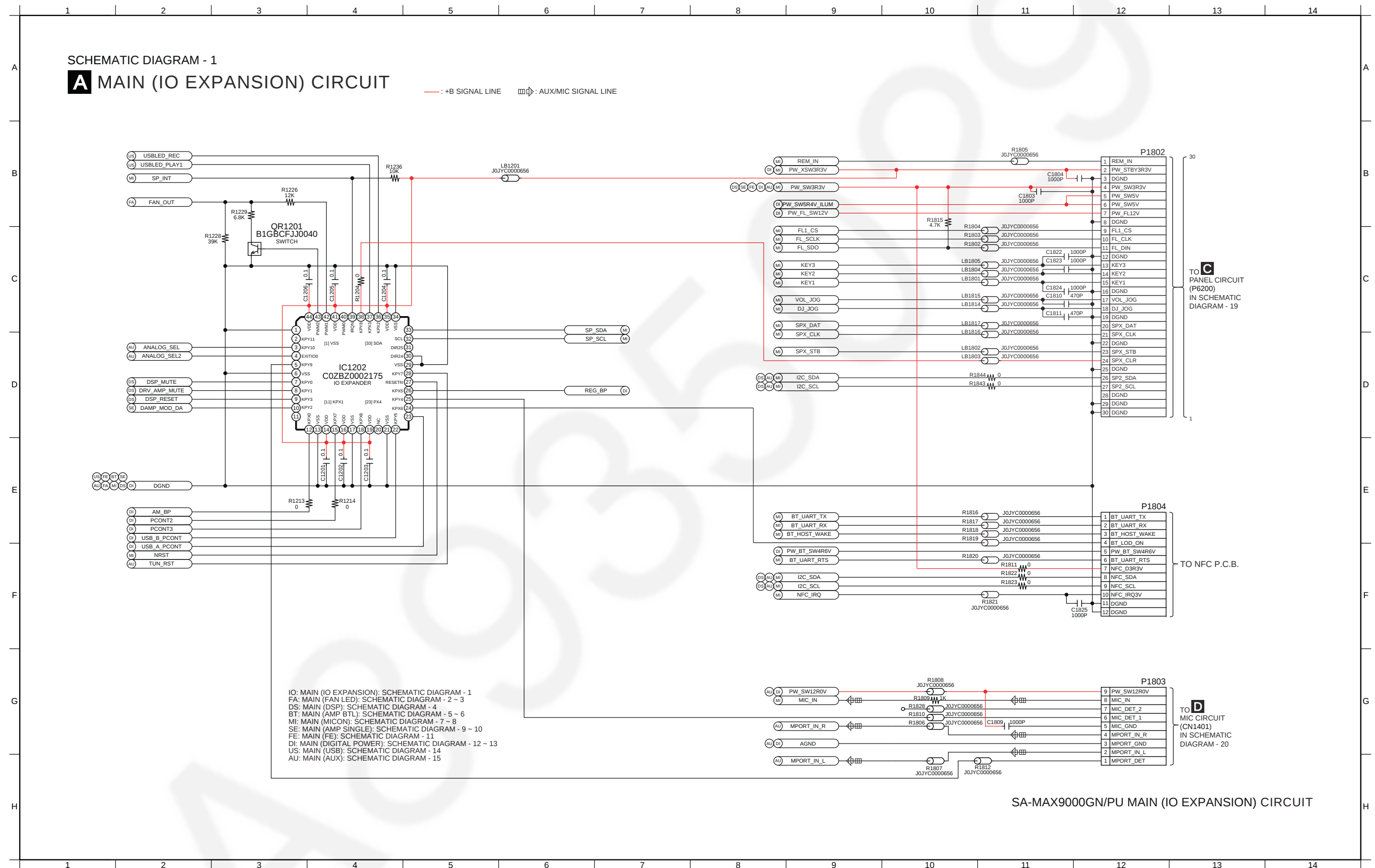
FUSE CAUTION



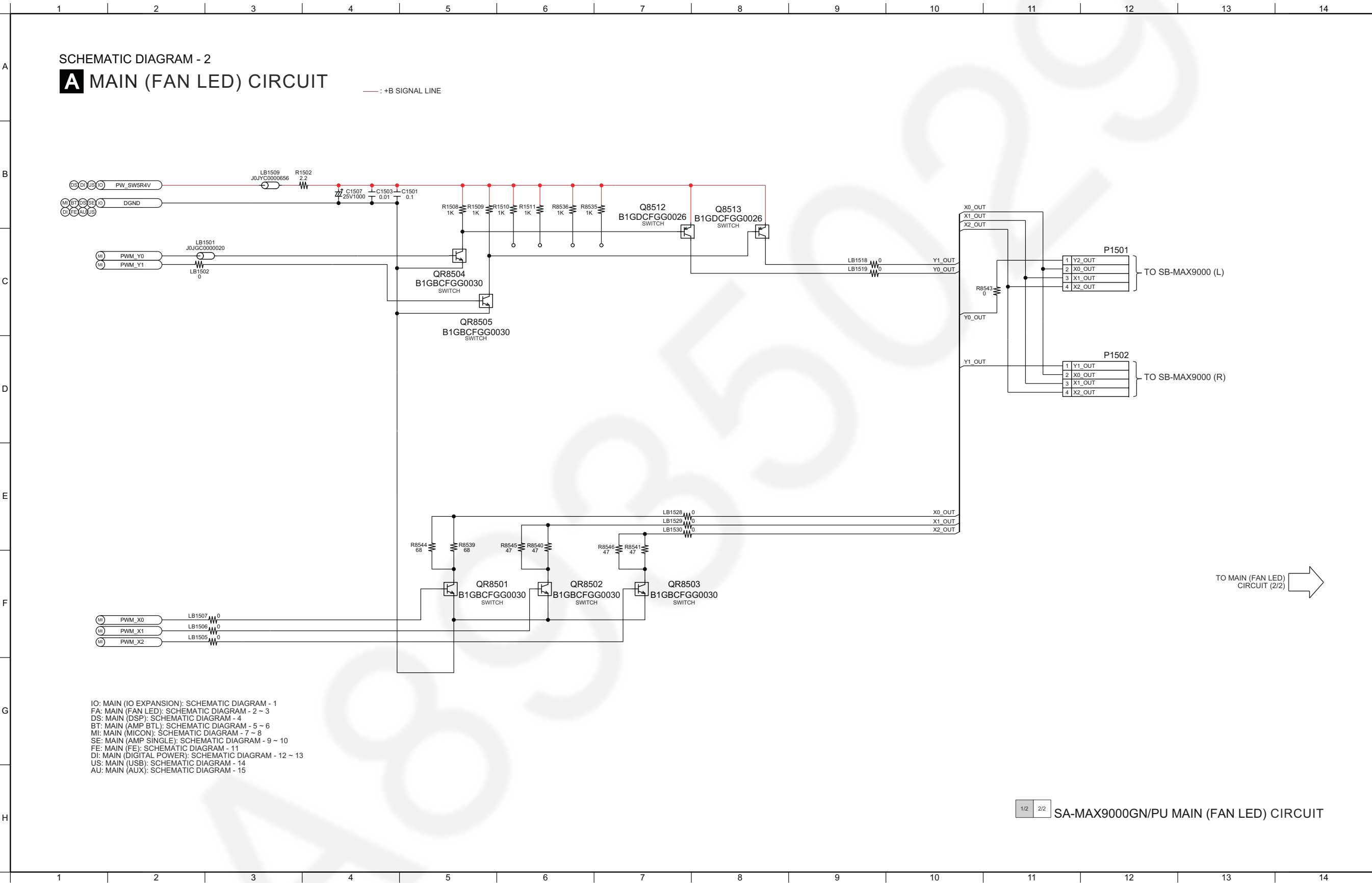
These symbols located near the fuse indicates that the fuse used is a fast operating type. For continued protection against fire hazard, replace with the same type fuse. For rating, refer to the marking adjacent to the symbol.

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12.2. Main (IO Expansion) Circuit



12.3. Main (Fan LED) Circuit (1/2)



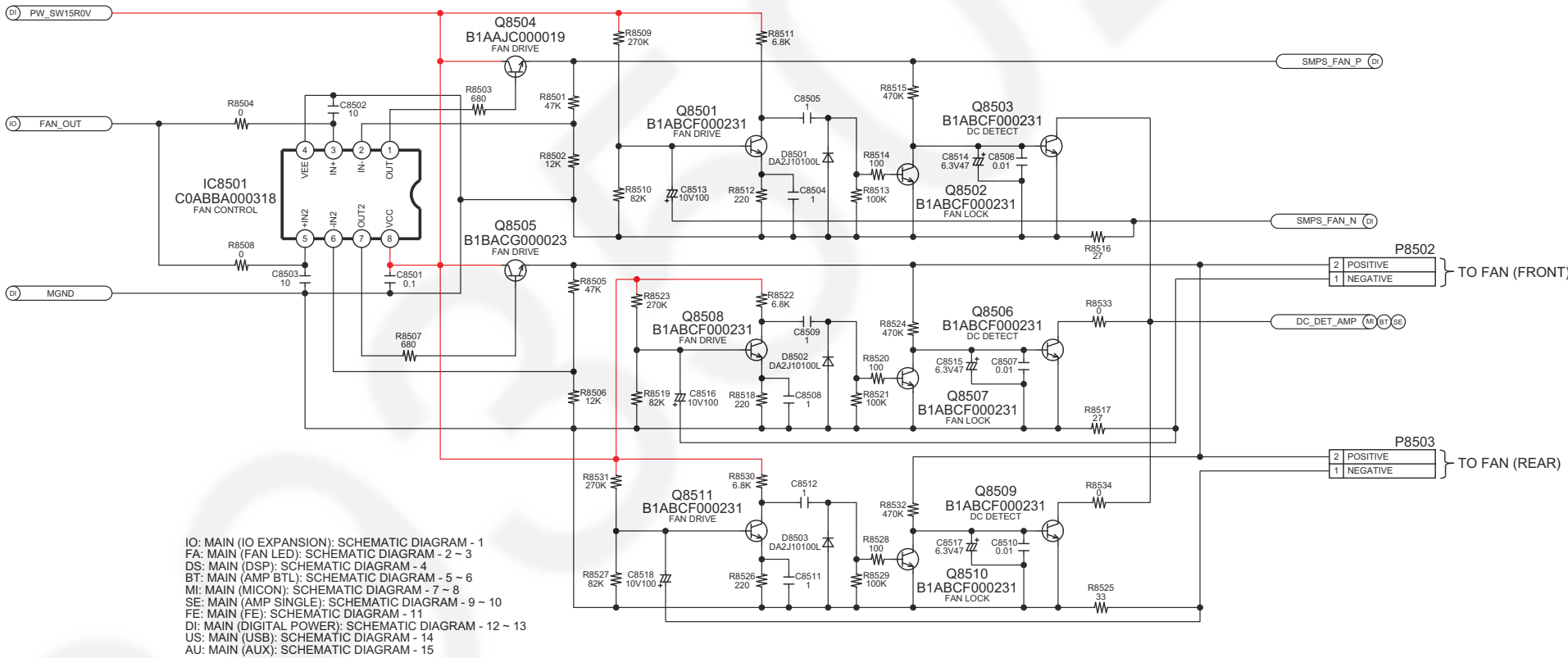
12.4. Main (Fan LED) Circuit (2/2)

SCHEMATIC DIAGRAM - 3

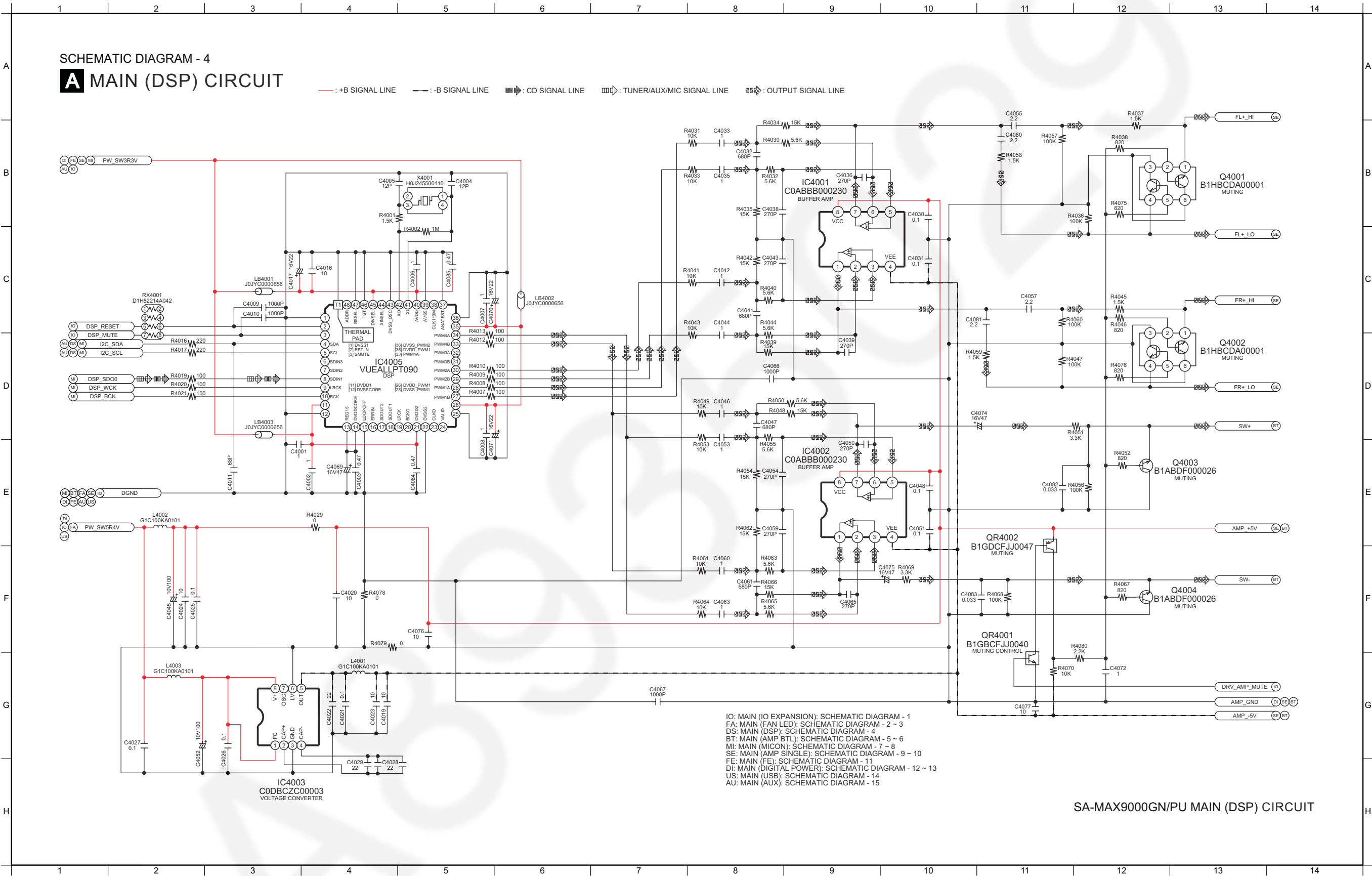
A MAIN (FAN LED) CIRCUIT

—: +B SIGNAL LINE

← TO MAIN (FAN LED)
CIRCUIT (1/2)



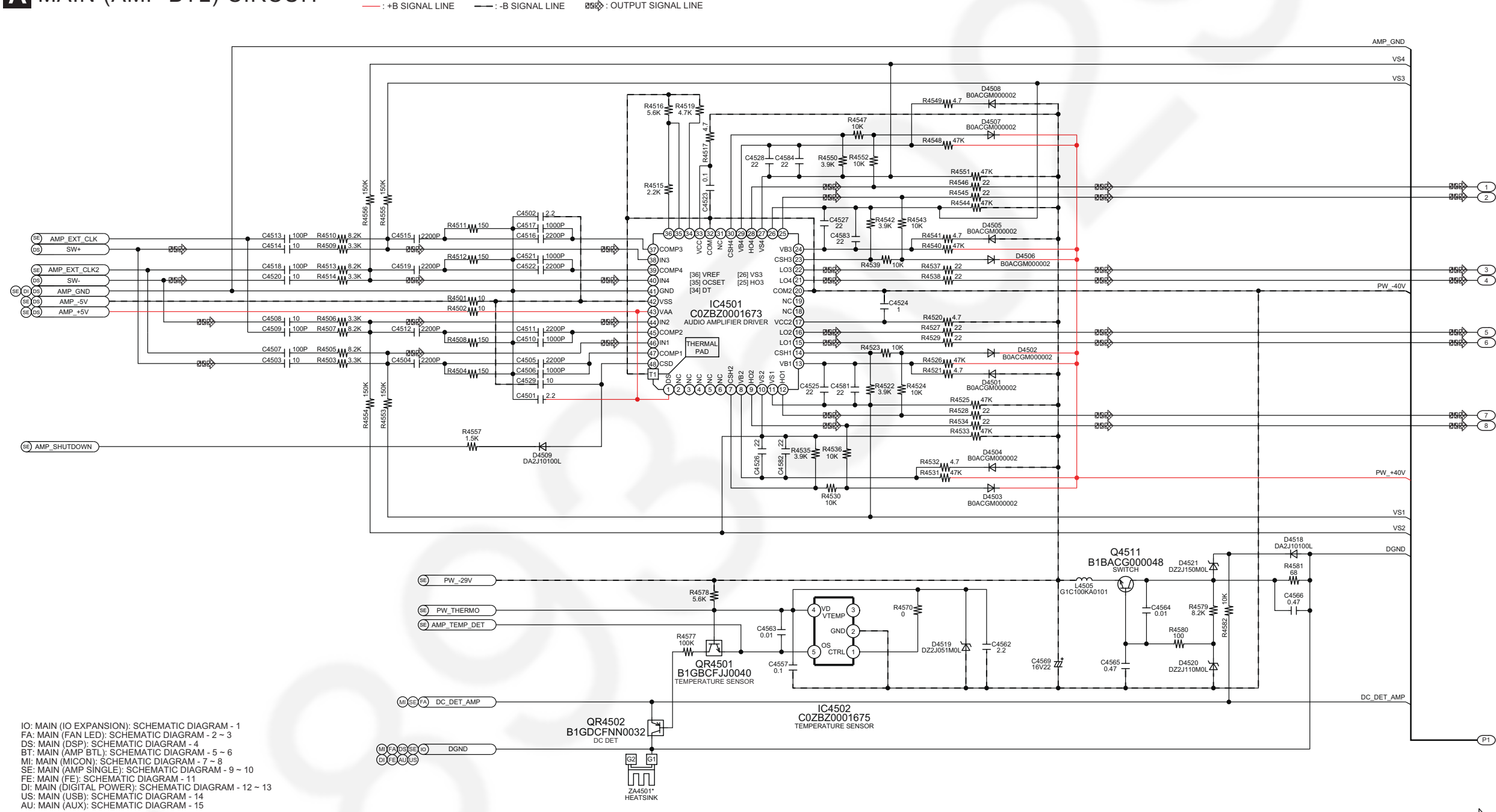
12.5. Main (DSP) Circuit



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

SCHEMATIC DIAGRAM - 5

A MAIN (AMP BTL) CIRCUIT



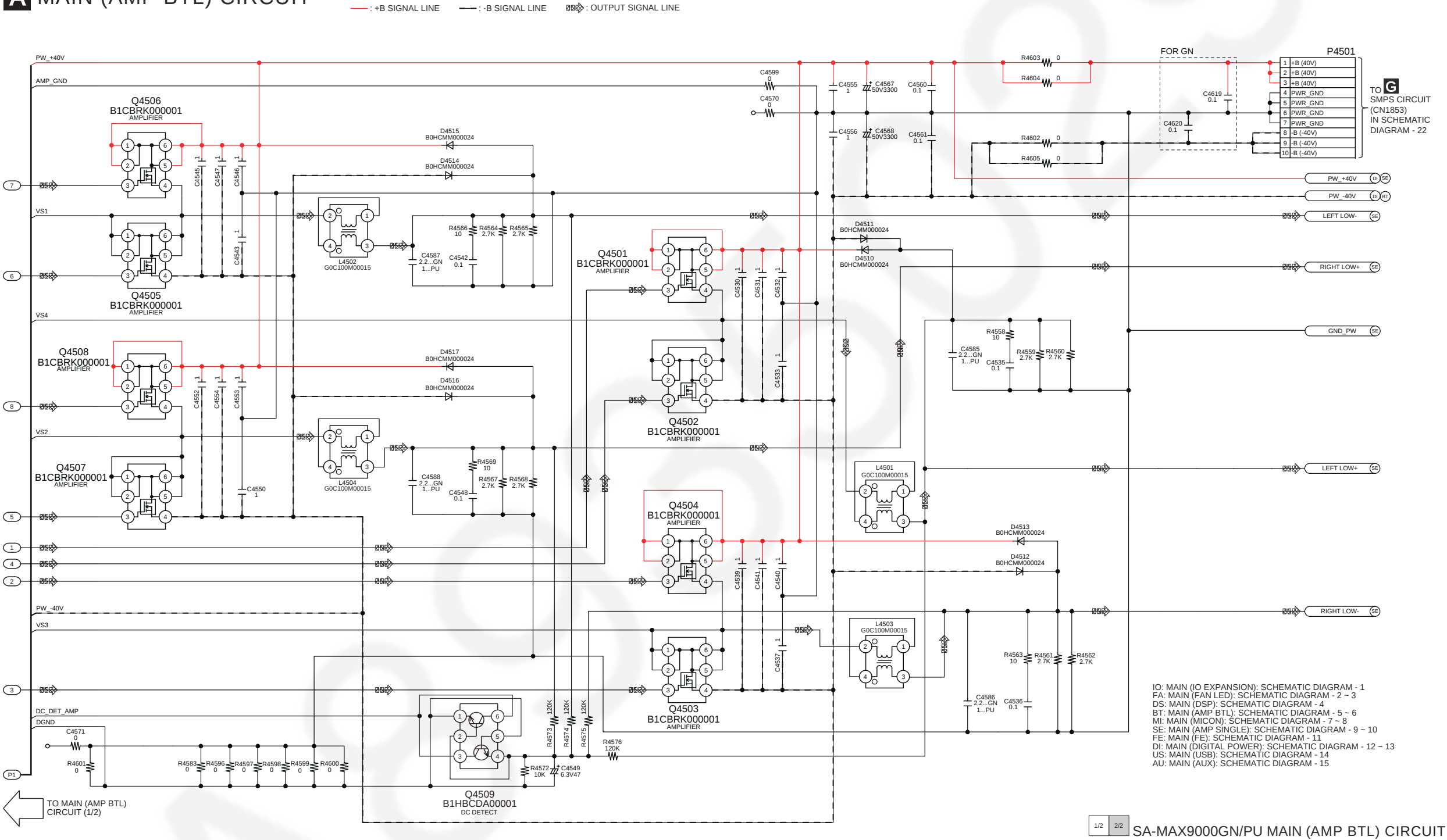
NOTE: " * " REF IS FOR INDICATION ONLY

1/2 2/2 SA-MAX9000GN/PU MAIN (AMP BTL) CIRCUIT

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

SCHEMATIC DIAGRAM - 6

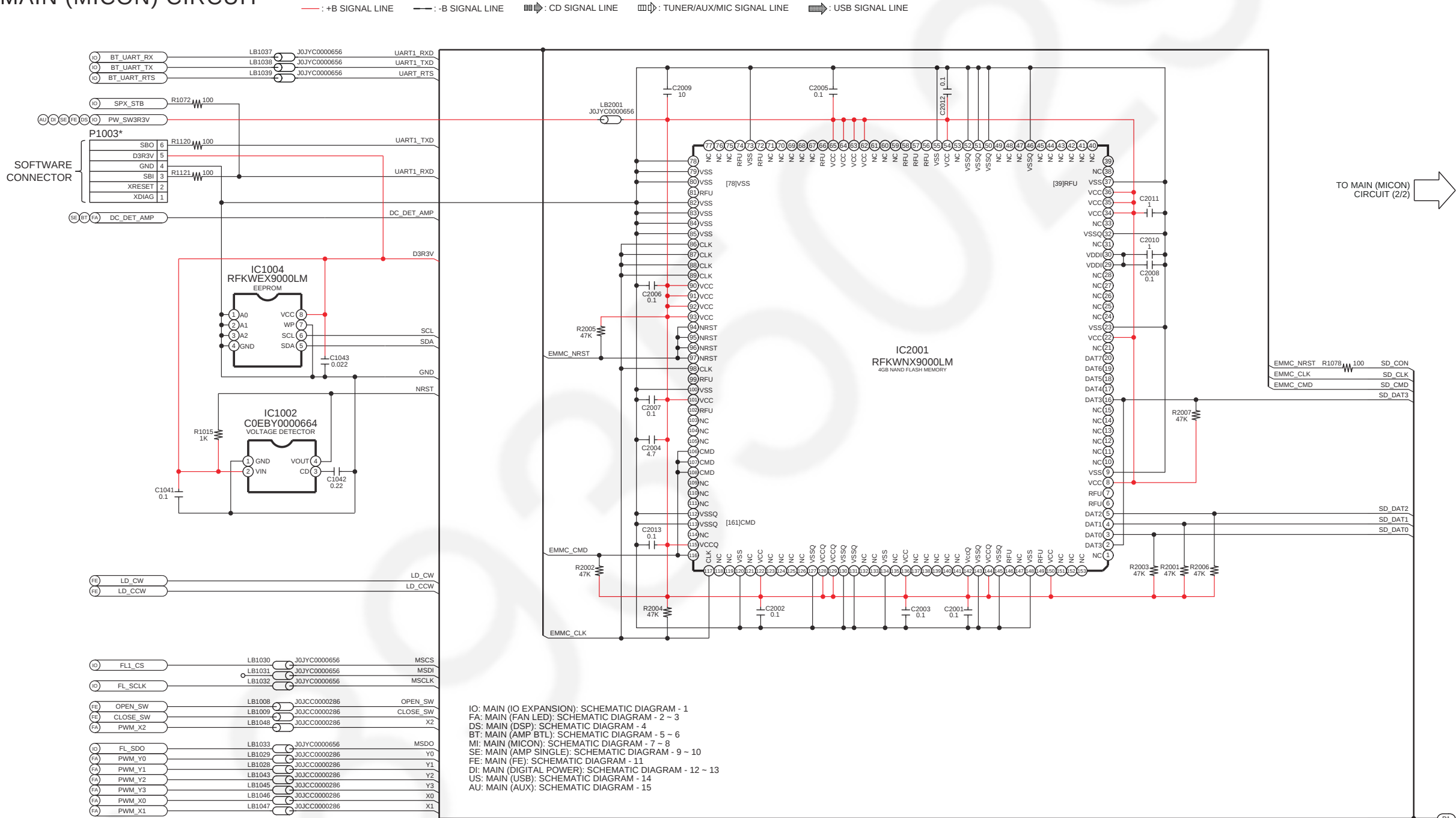
A MAIN (AMP BTL) CIRCUIT



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

SCHEMATIC DIAGRAM - 7

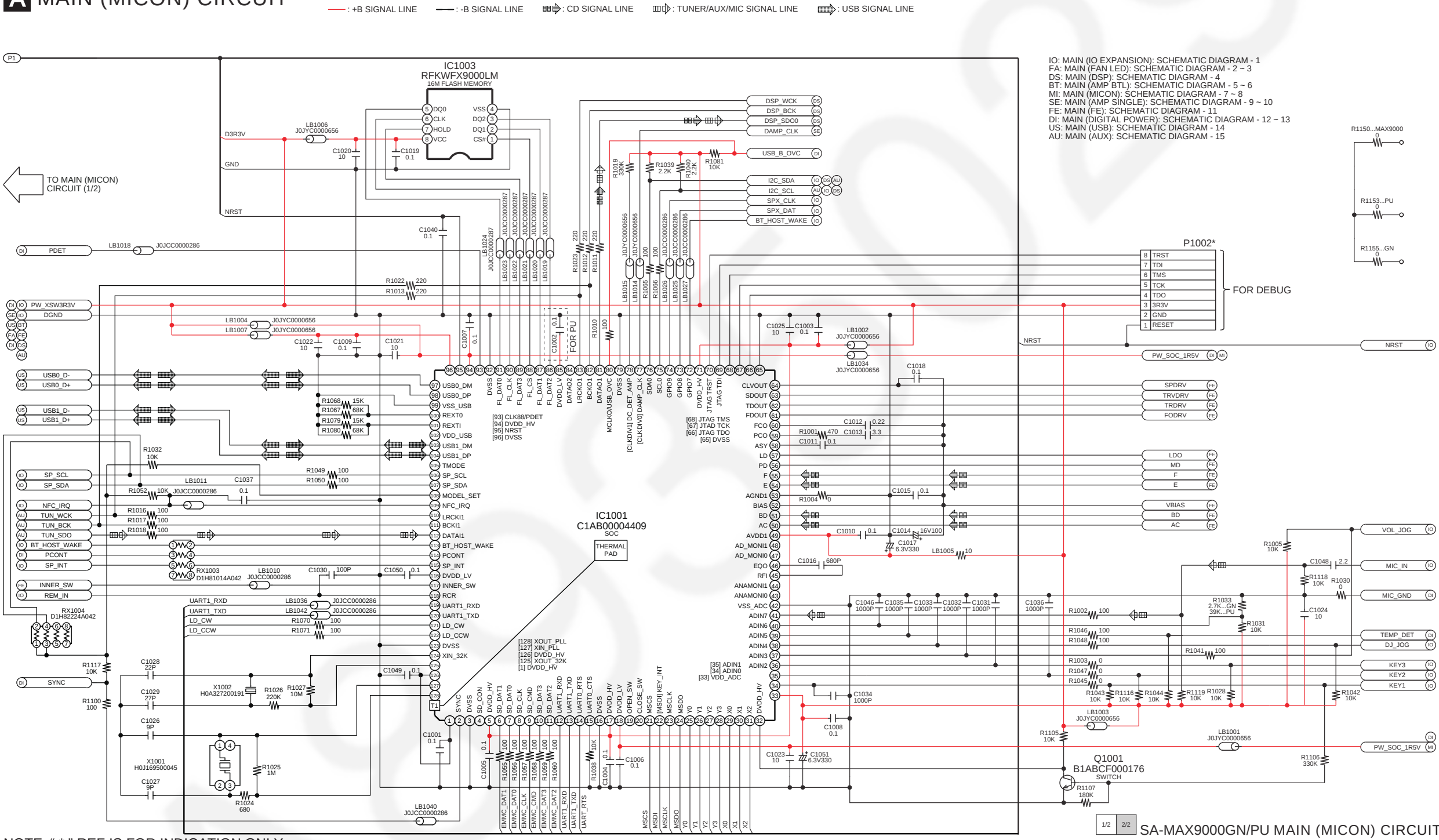
A MAIN (MICON) CIRCUIT



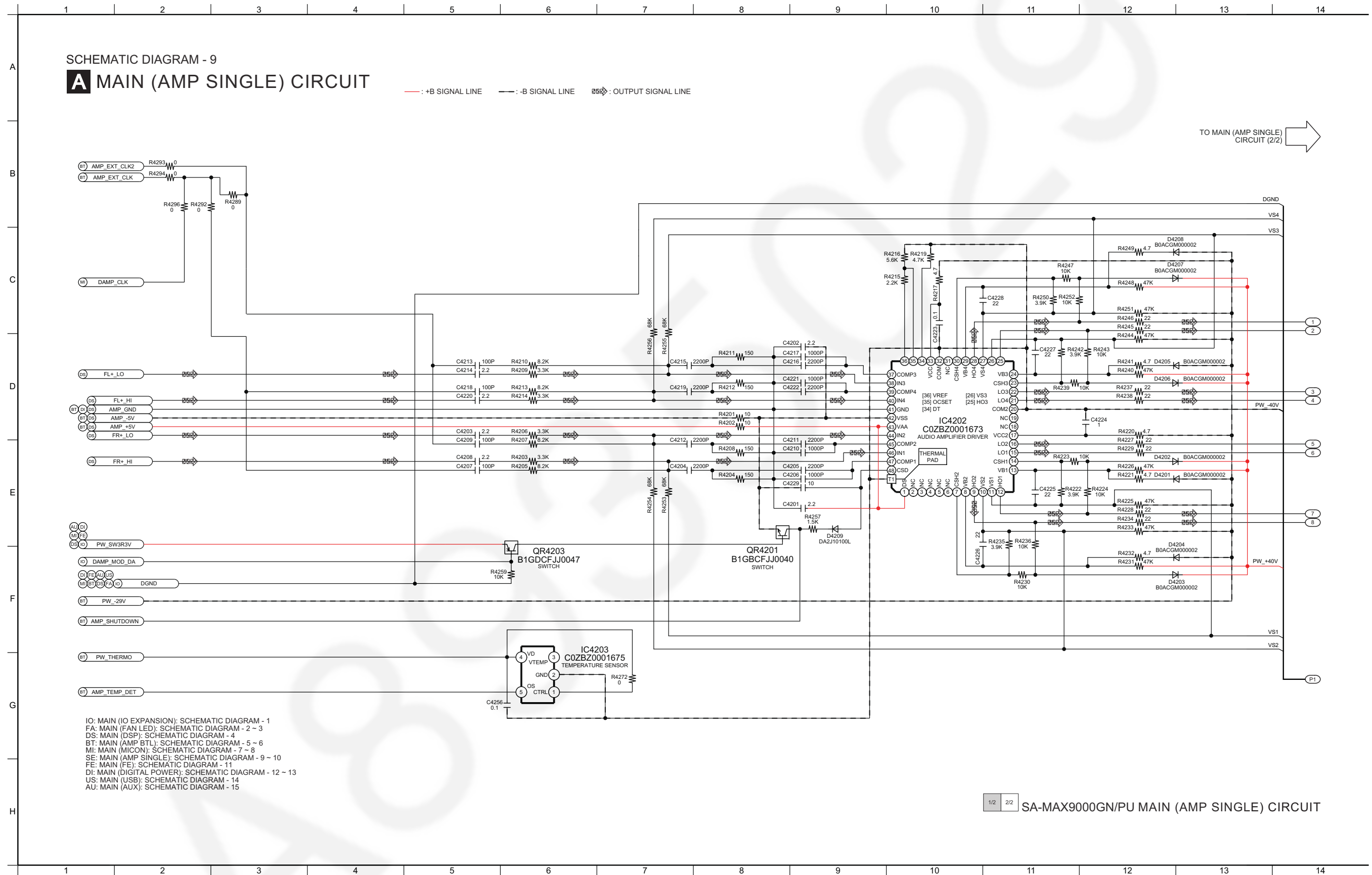
NOTE: " * " REF IS FOR INDICATION ONLY

12.9. Main (MICON) Circuit (2/2)

SCHEMATIC DIAGRAM - 8
A MAIN (MICON) CIRCUIT



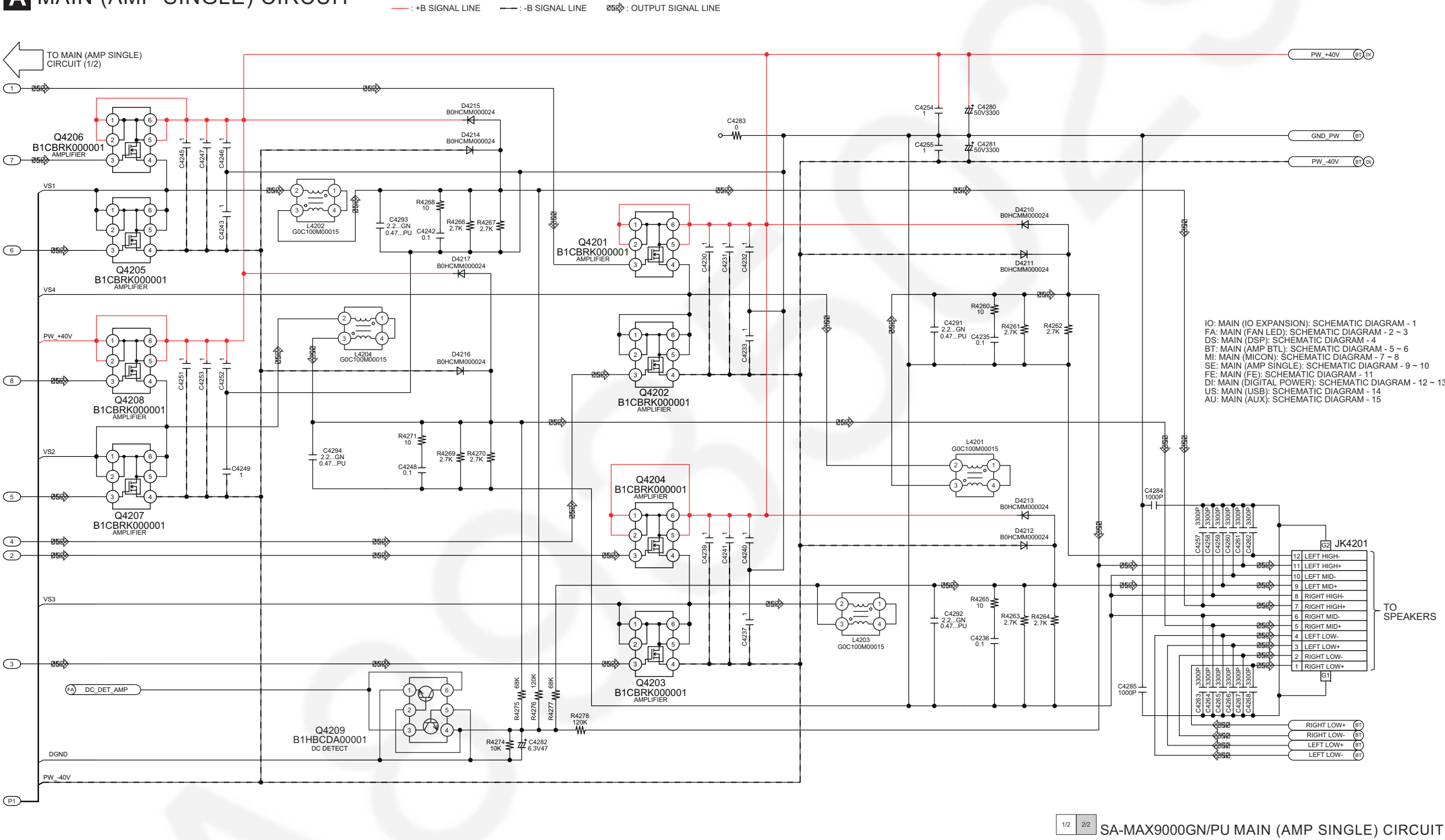
12.10. Main (Amp Single) Circuit (1/2)



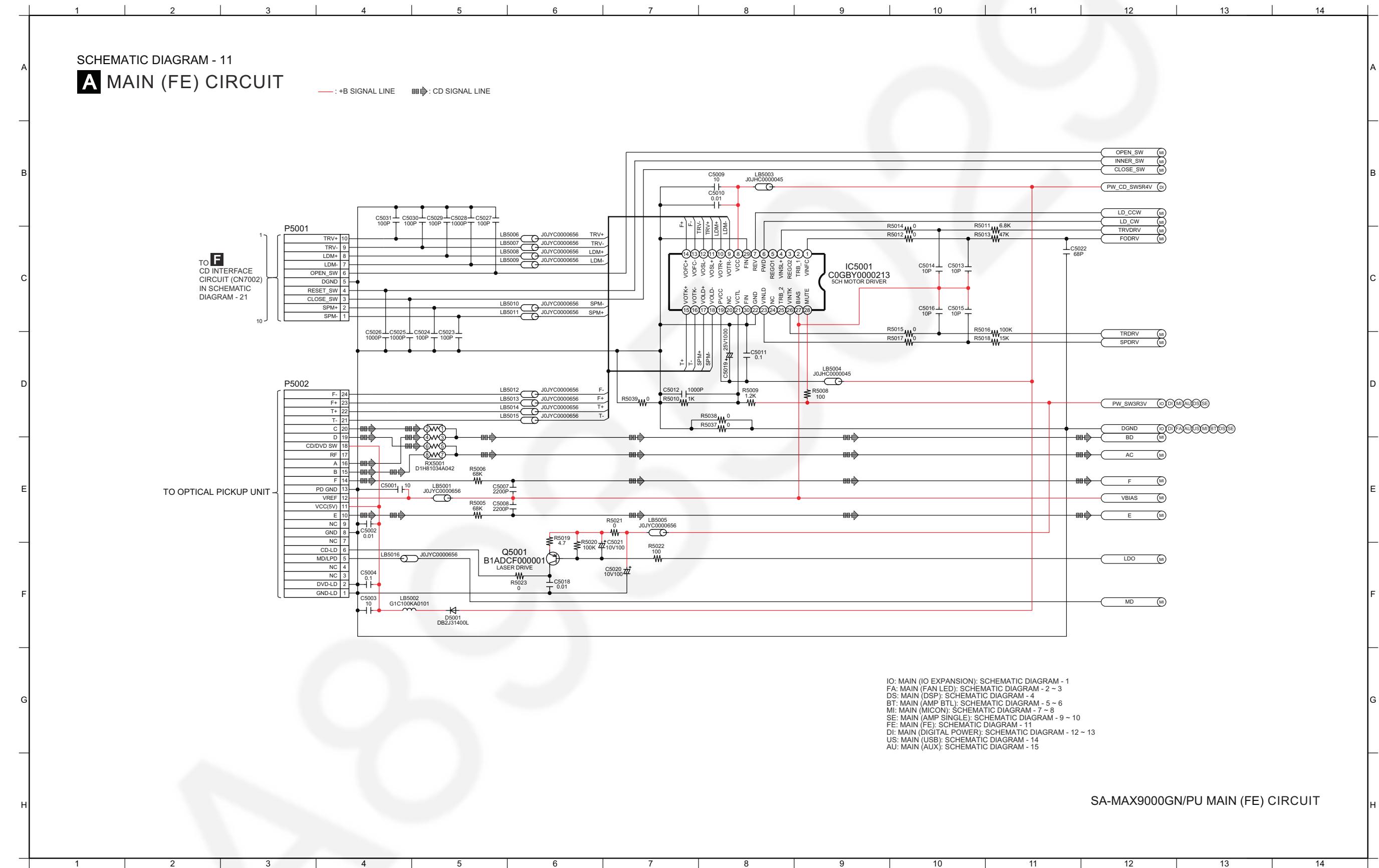
12.11. Main (Amp Single) Circuit (2/2)

SCHEMATIC DIAGRAM - 10

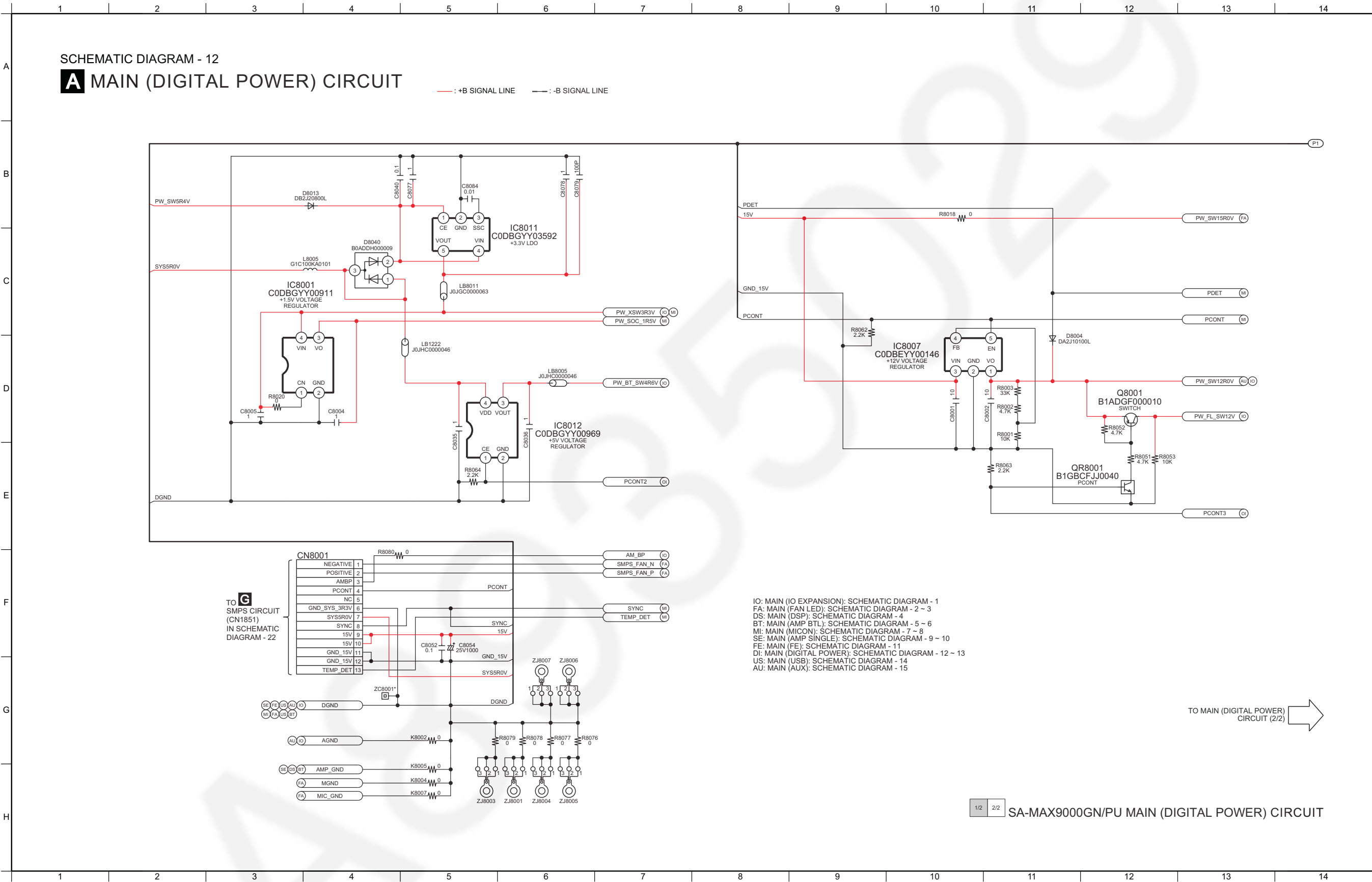
A MAIN (AMP SINGLE) CIRCUIT



12.12. Main (FE) Circuit



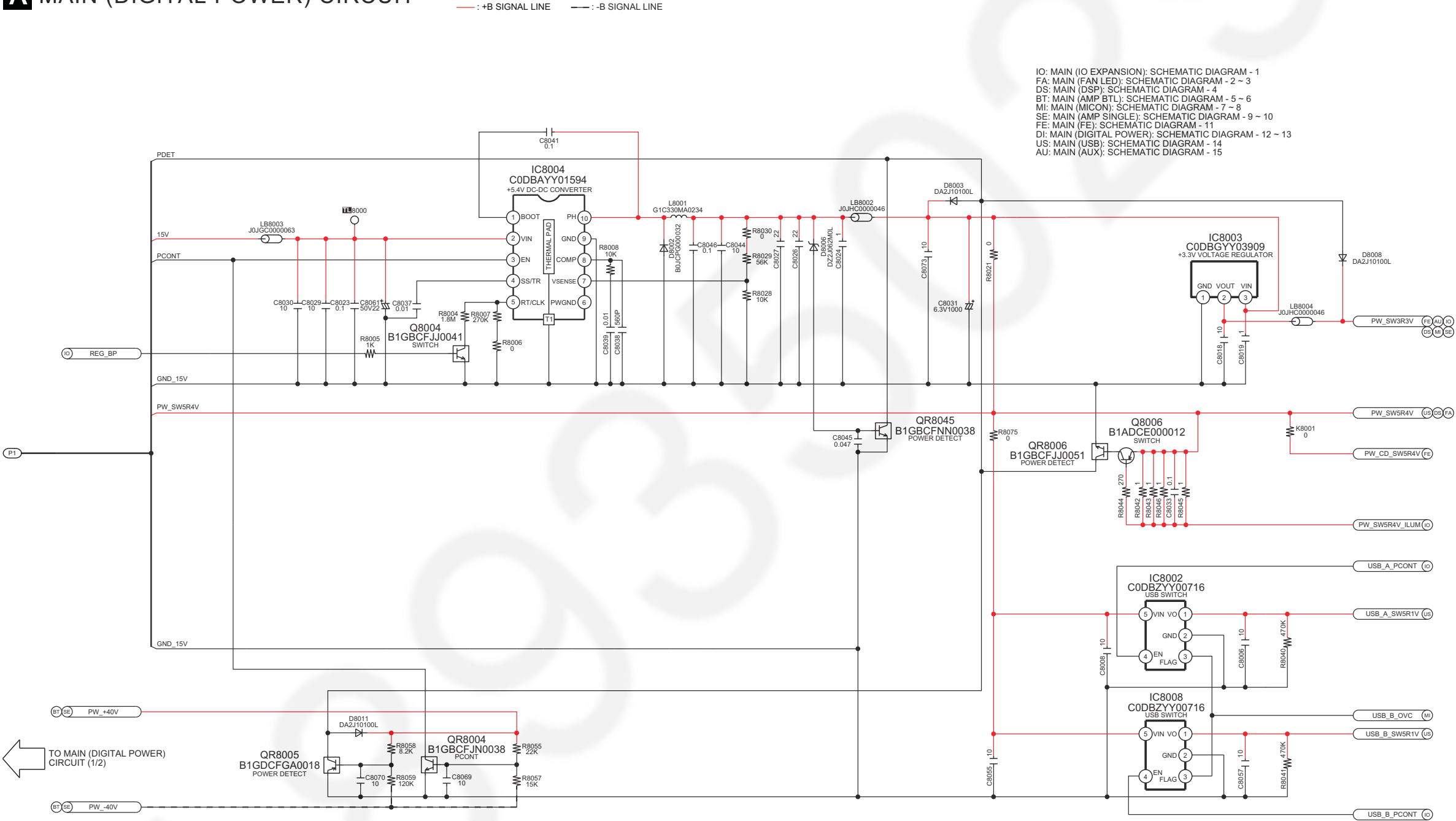
12.13. Main (Digital Power) Circuit (1/2)



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

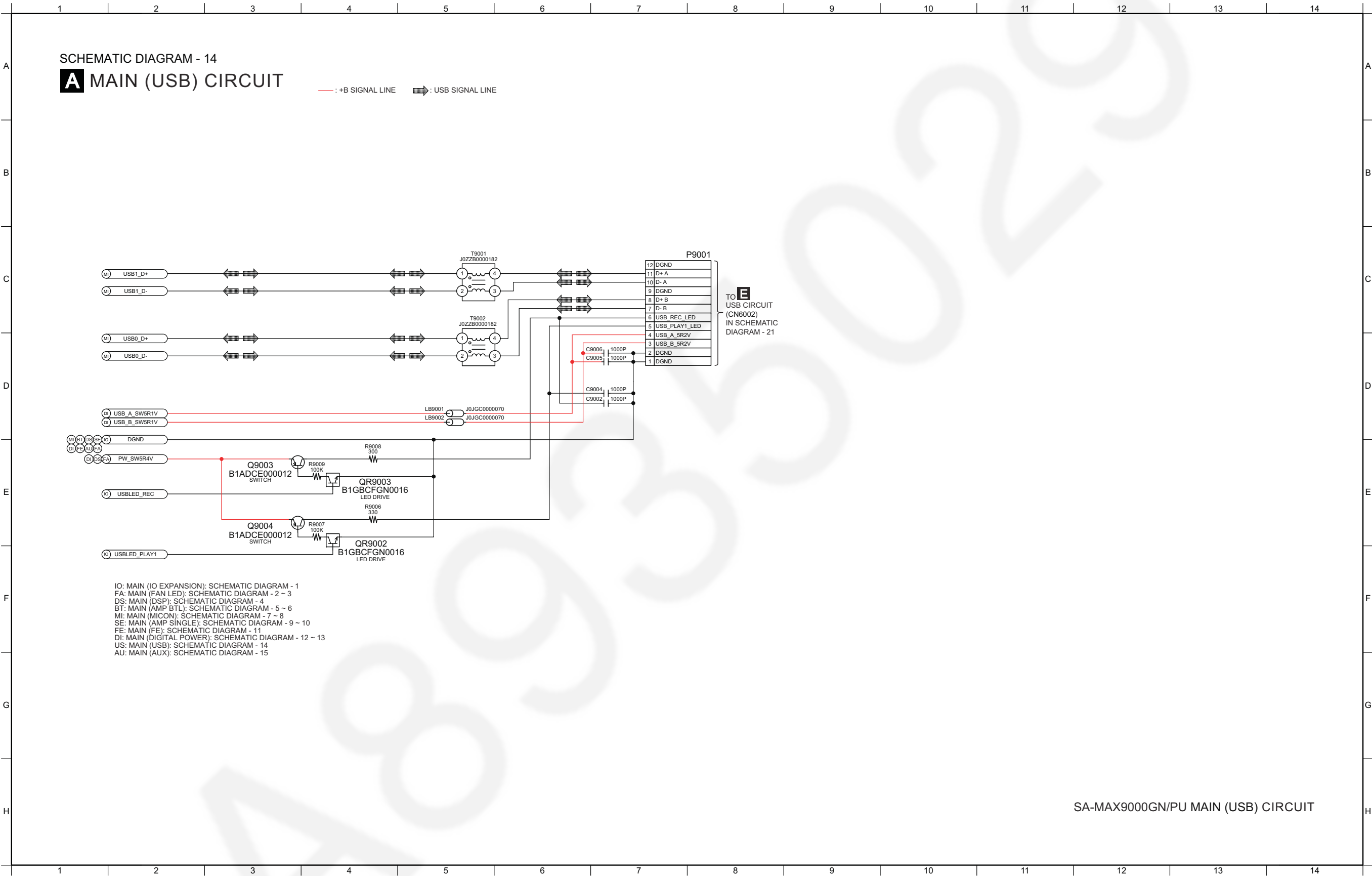
SCHEMATIC DIAGRAM - 13

A MAIN (DIGITAL POWER) CIRCUIT

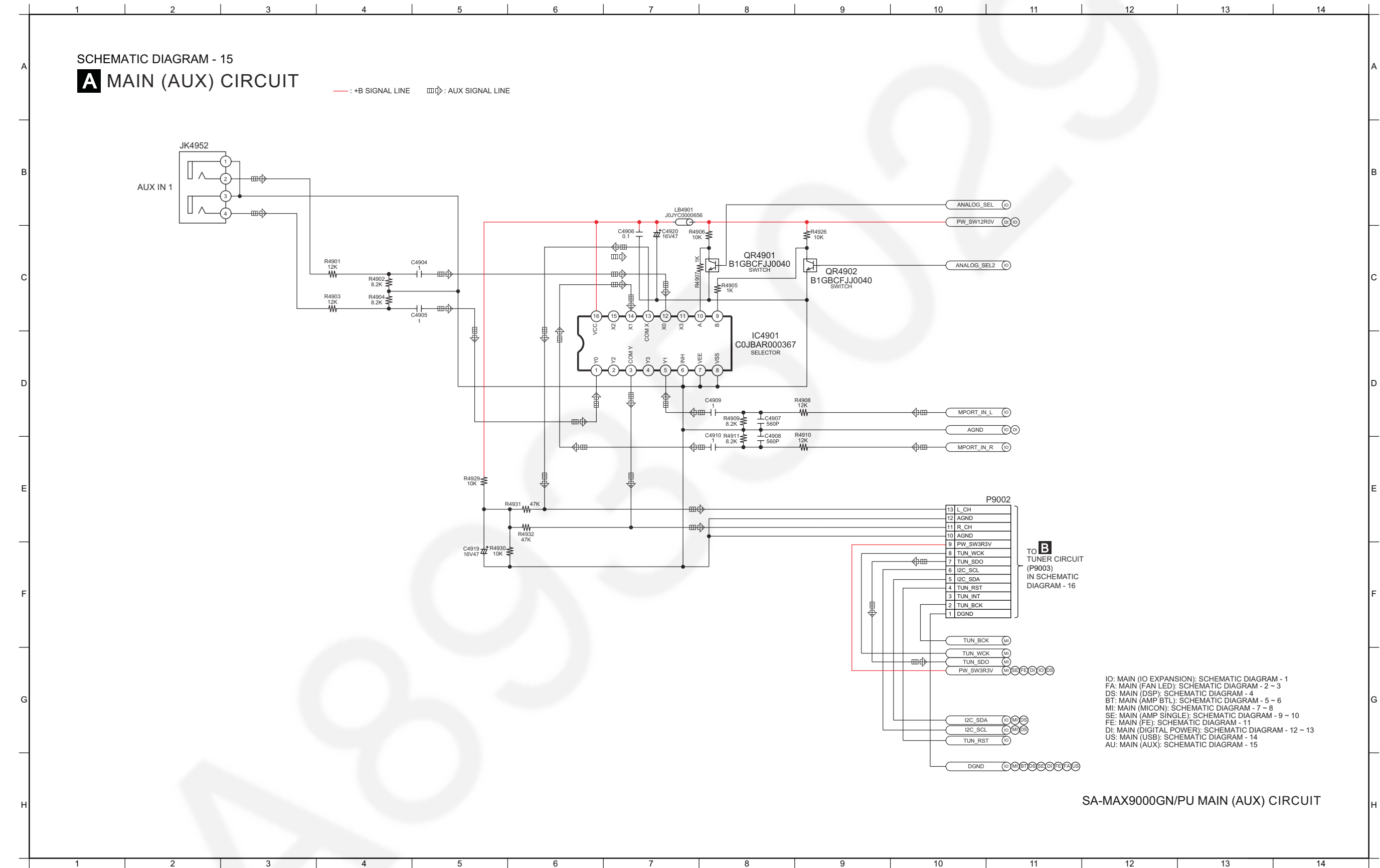


1/2 2/2 SA-MAX9000GN/PU MAIN (DIGITAL POWER) CIRCUIT

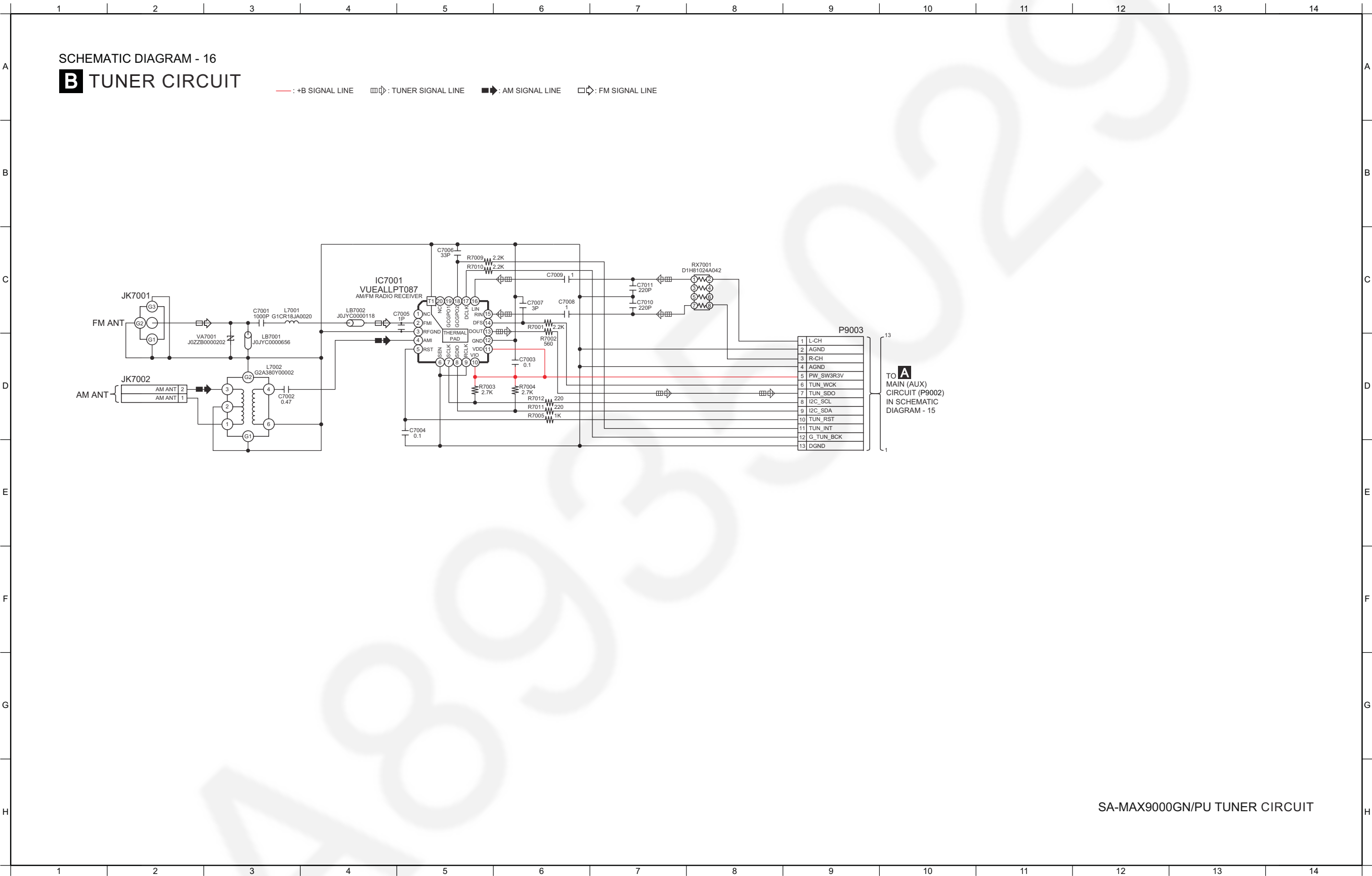
12.15. Main (USB) Circuit



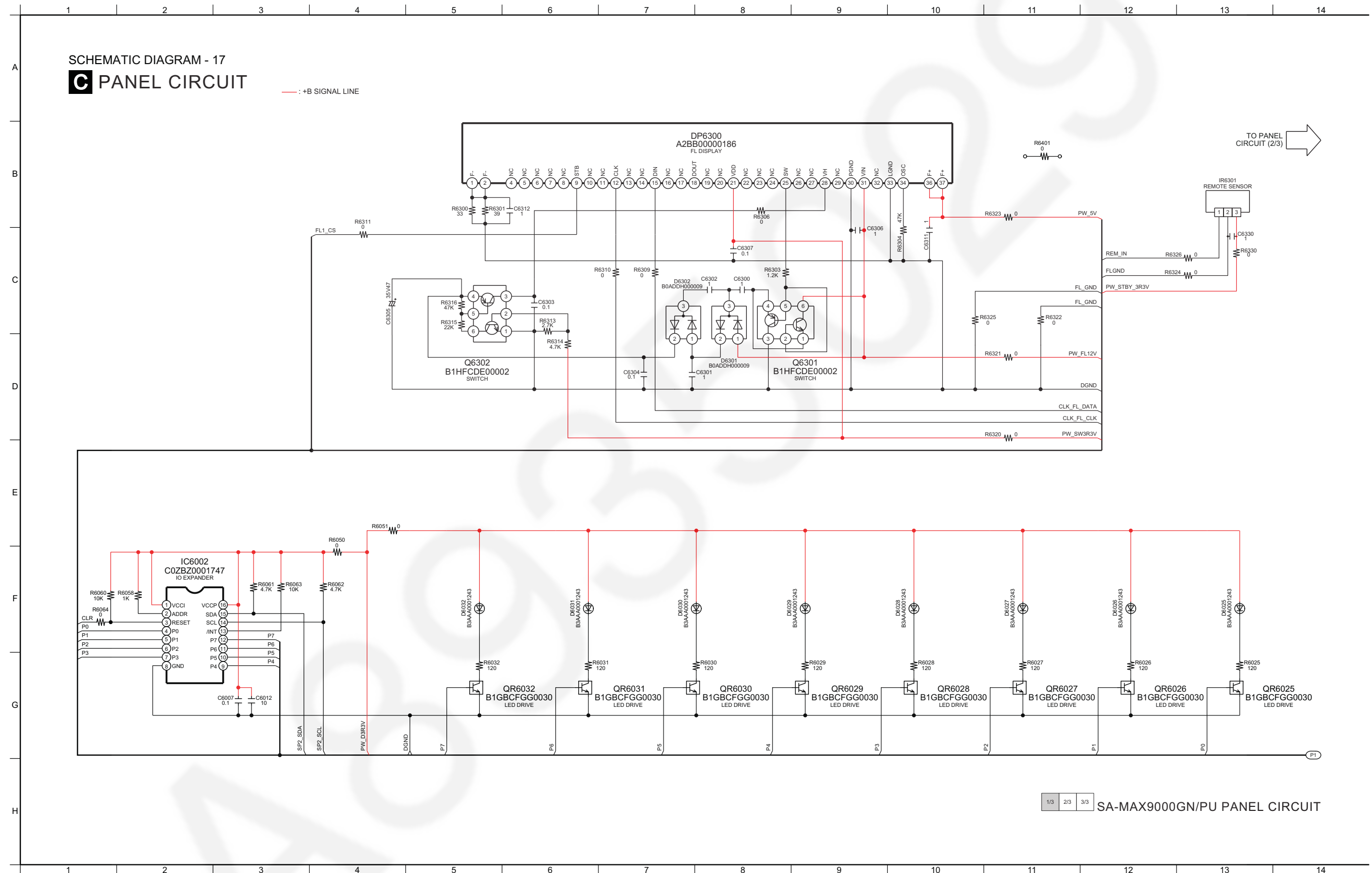
12.16. Main (AUX) Circuit



12.17. Tuner Circuit



12.18. Panel Circuit (1/3)



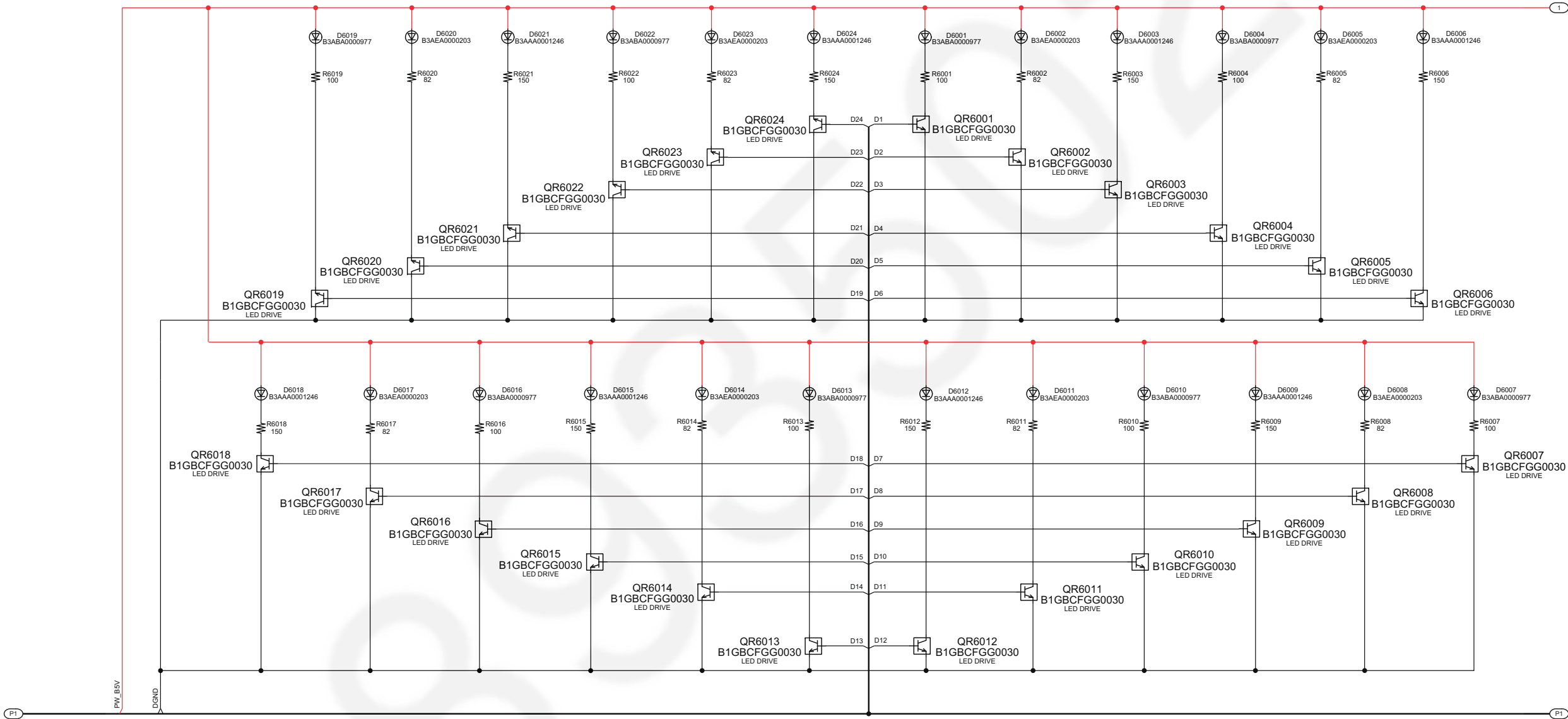
12.19. Panel Circuit (2/3)

SCHEMATIC DIAGRAM - 18
C PANEL CIRCUIT

— : +B SIGNAL LINE

← TO PANEL
CIRCUIT (1/3)

TO PANEL
CIRCUIT (3/3) →



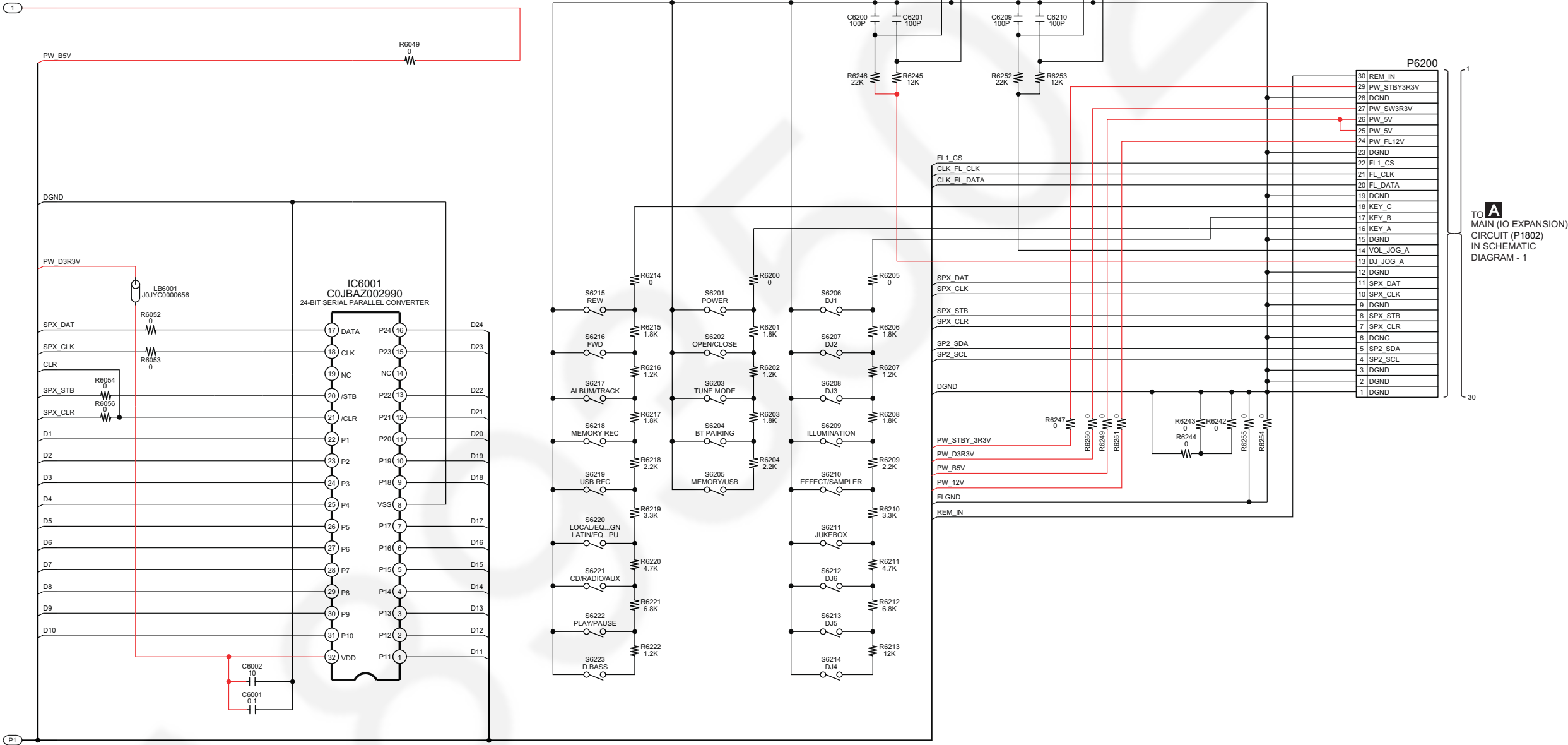
12.20. Panel Circuit (3/3)

SCHEMATIC DIAGRAM - 19

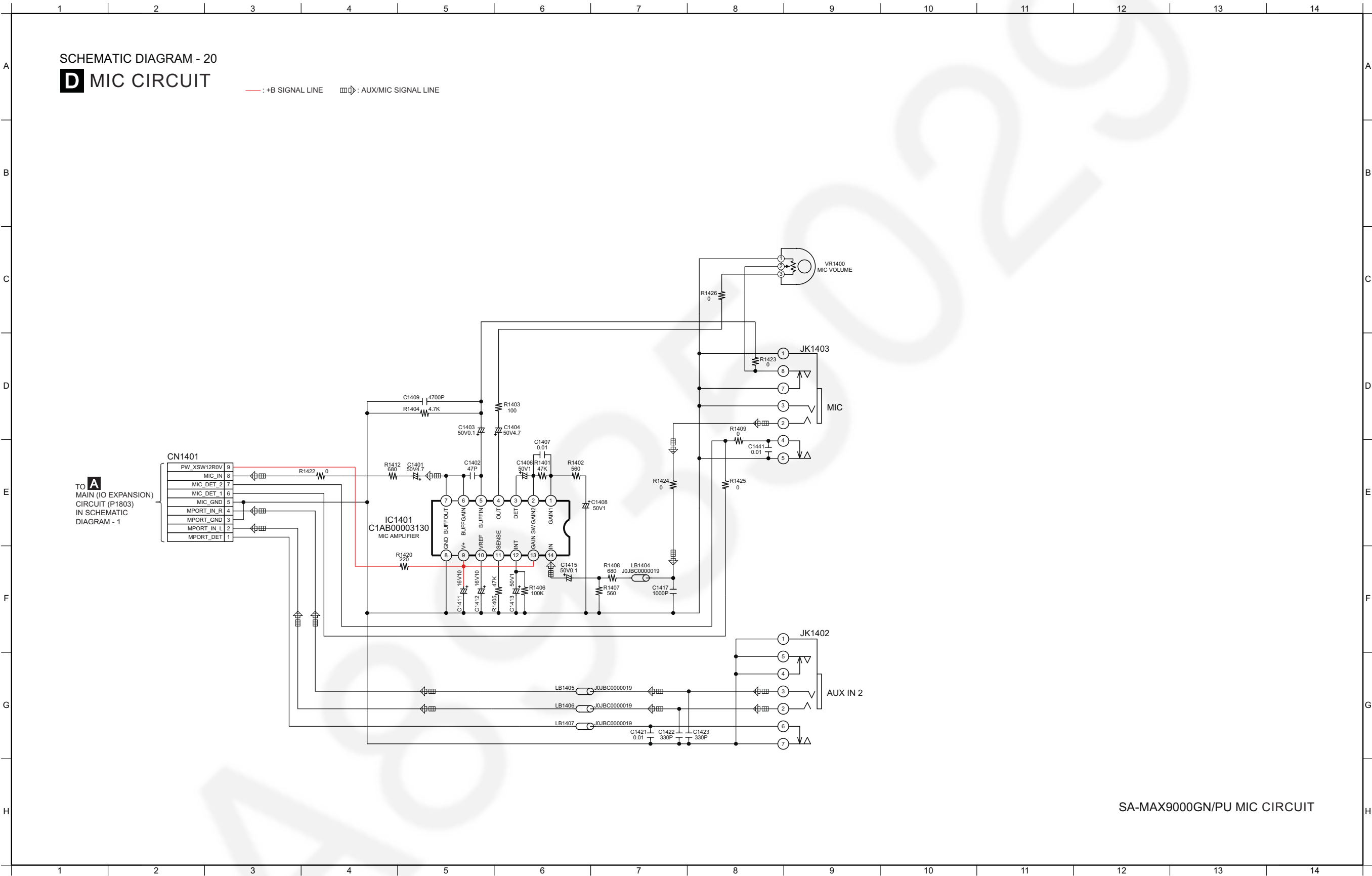
C PANEL CIRCUIT

— : +B SIGNAL LINE

TO PANEL
CIRCUIT (2/3)



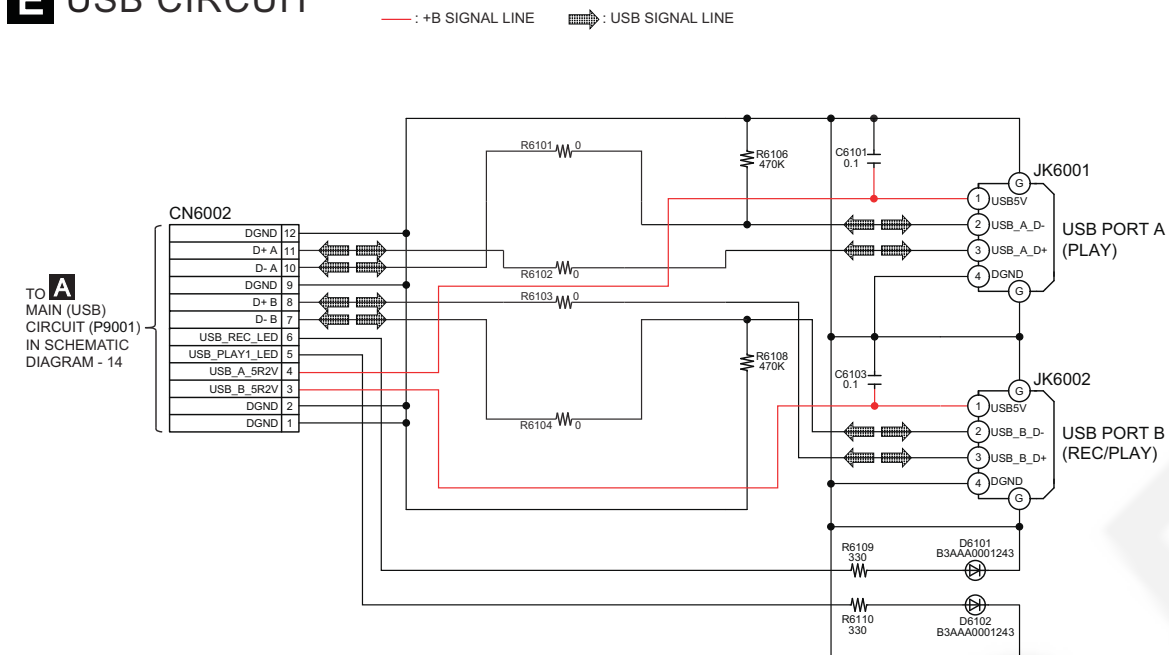
12.21. Mic Circuit



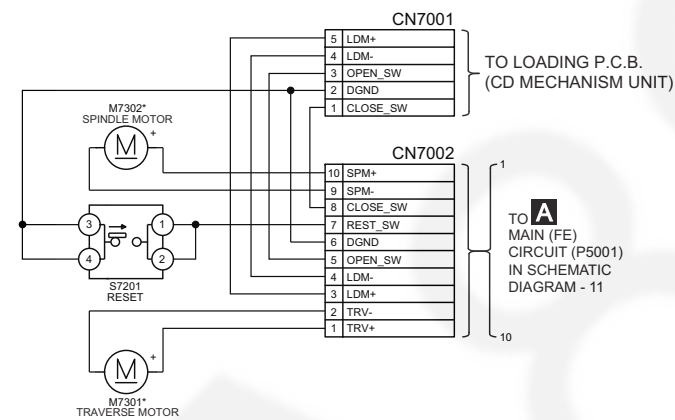
12.22. USB and CD Interface Circuit



E USB CIRCUIT



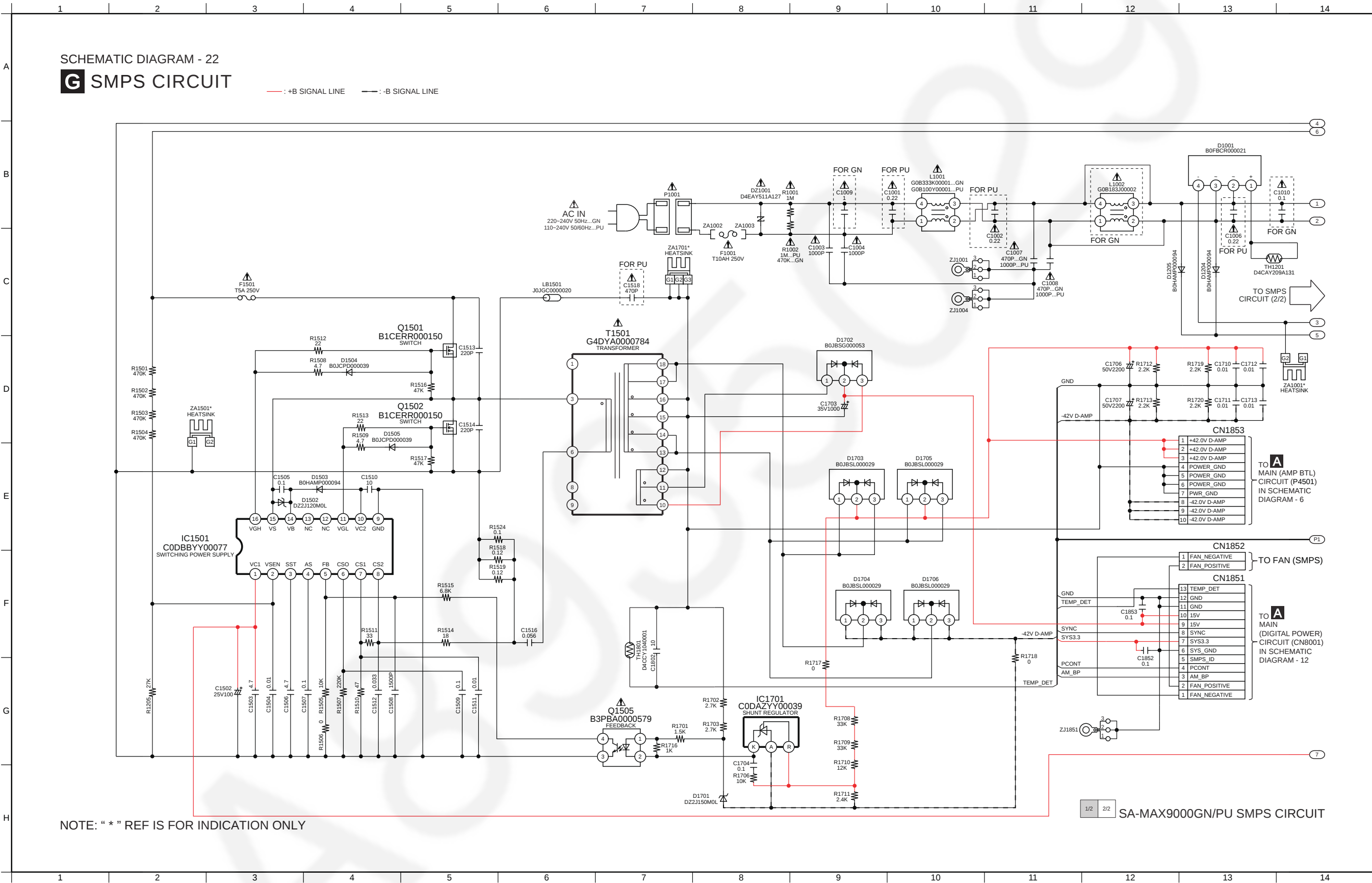
F CD INTERFACE CIRCUIT



NOTE: " * " REF IS FOR INDICATION ONLY

SA-MAX9000GN/PU USB / CD INTERFACE CIRCUIT

12.23. SMPS Circuit (1/2)

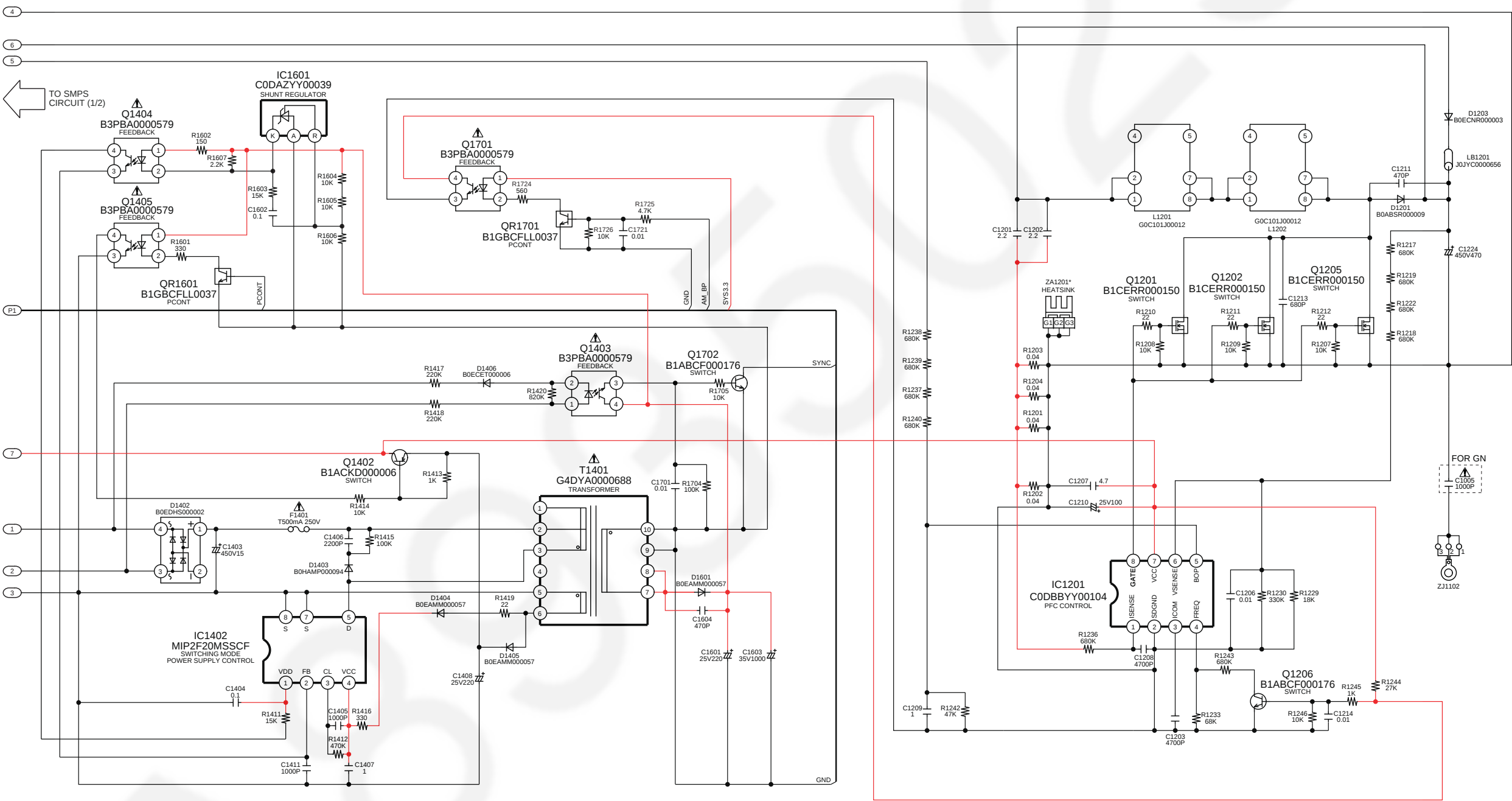


12.24. SMPS Circuit (2/2)

SCHEMATIC DIAGRAM - 23

SMPS CIRCUIT

— : +B SIGNAL LINE — : -B SIGNAL LINE



NOTE: " * " REF IS FOR INDICATION ONLY

1/2 2/2 SA-MAX9000GN/PU SMPS CIRCUIT

13 Printed Circuit Board

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

A MAIN P.C.B. (RFKV5315AA...PU)
(RFKV5315DA...GN)



(SIDE A)
NOTE: " * " REF IS FOR INDICATION ONLY

SA-MAX9000GN/PU
MAIN P.C.B.

13.2. Main P.C.B. (Side B)

A MAIN P.C.B. (RFKV5315AA...PU)
(RFKV5315DA...GN)

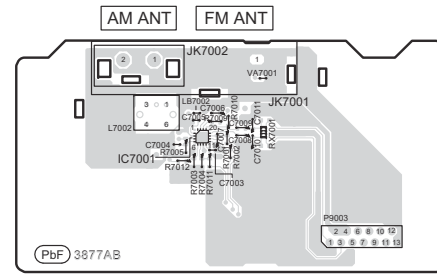
TO SPEAKERS

AUX IN 1

(SIDE B)
NOTE: " * " REF IS FOR INDICATION ONLY

SA-MAX9000GN/PU
MAIN P.C.B.

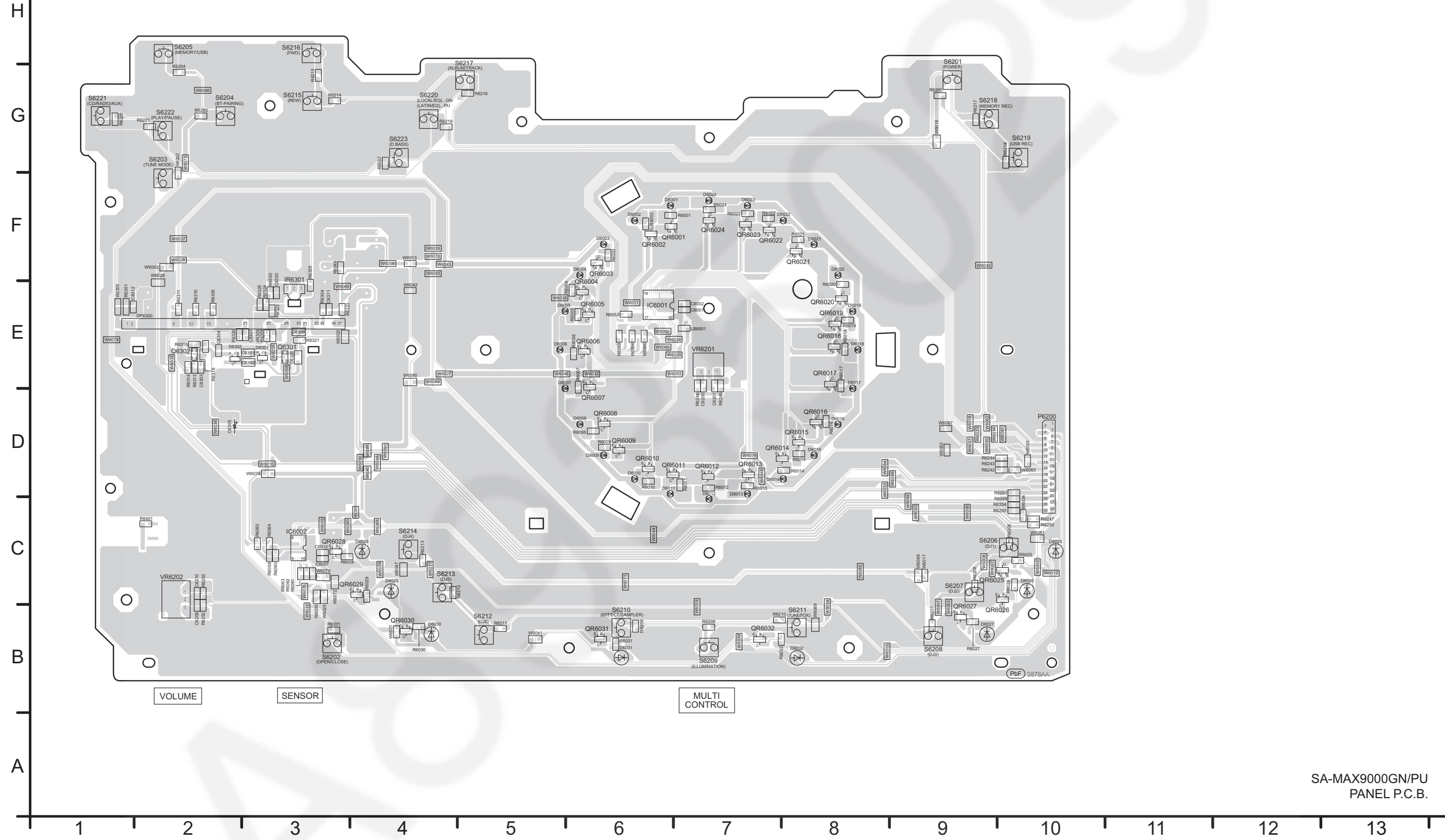
A vertical number line with tick marks labeled A, B, C, D, E, F, G, and H from bottom to top.



SA-MAX9000GN/PU
TUNER / MIC / USB / CD INTERFACE P.C.B.

13.4. Panel P.C.B.

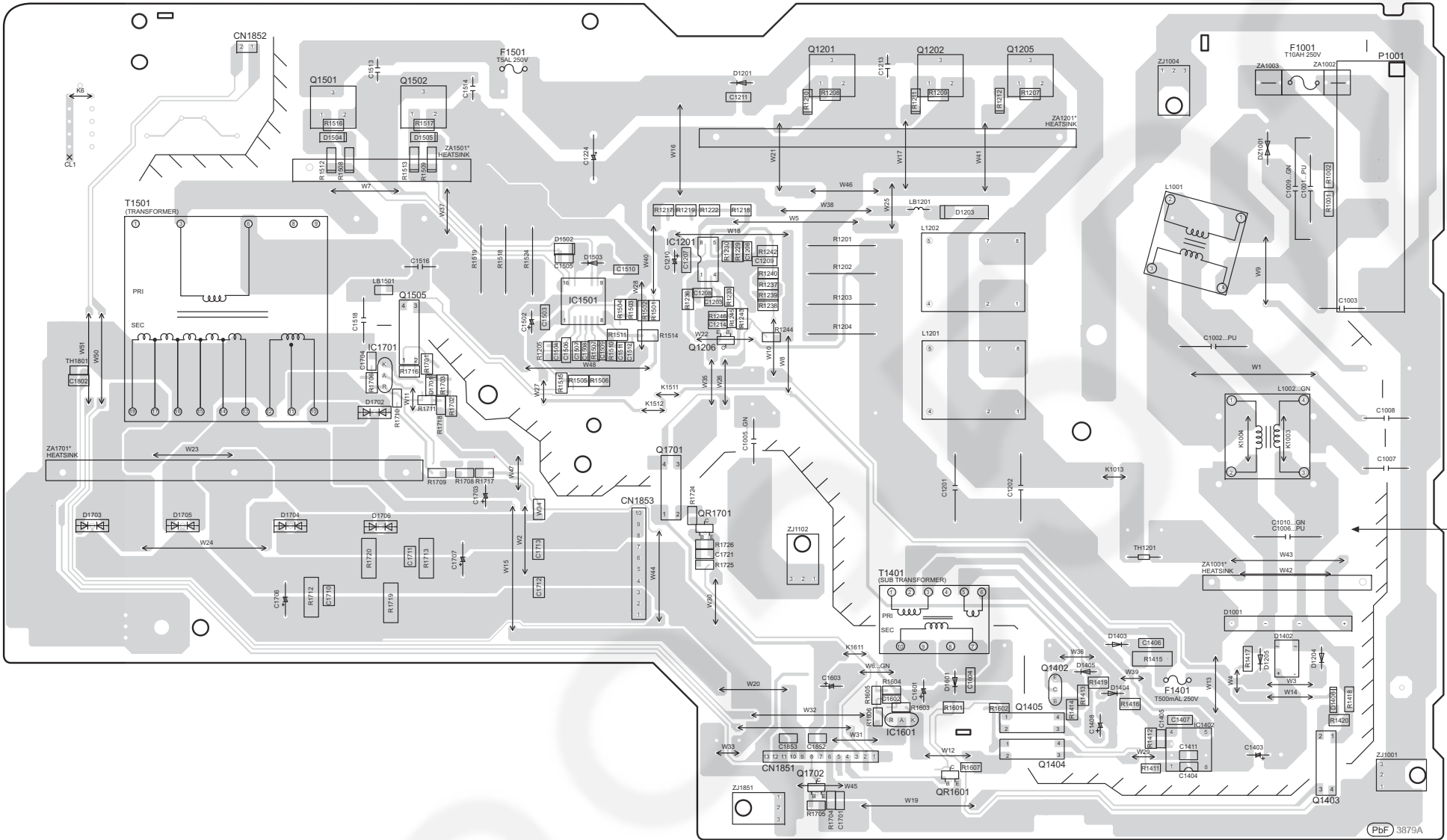
C PANEL P.C.B. (REP5316AA)



SA-MAX9000GN/PU
PANEL P.C.B.

13.5. SMPS P.C.B.

G SMPS P.C.B. (REP5317A...PU)
(REP5317B...GN)



AC IN ~
110V-240V 50/60Hz...PU
220V-240V 50Hz...GN

CAUTION
RISK OF ELECTRIC SHOCK
AC VOLTAGE LINE.
PLEASE DO NOT TOUCH THIS P.C.B.

NOTE: " * " REF IS FOR INDICATION ONLY

SA-MAX9000GN/PU
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-MAX9000GN/PU 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.	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
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												

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

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.	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	0
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	0
REF NO.	IC5001																			
MODE	21	22	23	24	25	26	27	28	29	30										
PLAY	1.5	0	1.8	0	5.4	1.6	1.6	3.3	0	0										
STANDBY	1.5	0	1.8	0	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																
REF NO.	IC8003																			
MODE	1	2	3																	
PLAY	0	3.3	5.4																	
STANDBY	0	3.3	5.4																	

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

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.	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.	Q1001				Q4001							Q4002									
MODE	E	C	B		1	2	3	4	5	6		1	2	3	4	5	6				
PLAY	0	0	0.6		0	-4.9	0	0	-4.9	0		0	-4.9	0	0	-4.9	0				
STANDBY	0	0	0.6		0	-4.9	0	0	-4.9	0		0	-4.9	0	0	-4.9	0				
REF NO.	Q4003				Q4004				Q4201					Q4202							
MODE	E	C	B		E	C	B		1	2	5	6		1	2	5	6				
PLAY	0	0	-5		0	0	-5		40.1	40.1	40.1	40.1		-10.8	-10.8	-10.8	-10.8				
STANDBY	0	0	-5		0	0	-5		40.1	40.1	40.1	40.1		-10.8	-10.8	-10.8	-10.8				
REF NO.	Q4203					Q4204					Q4205					Q4206					
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.	Q4207					Q4208					Q4209										
MODE	1	2	5	6		1	2	5	6		1	2	3	4	5	6					
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					
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					
REF NO.	Q4501					Q4502					Q4503					Q4504					
MODE	1	2	5	6		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		-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		-10.8	-10.8	-10.8	-10.8		40.1	40.1	40.1	40.1		
REF NO.	Q4505					Q4506					Q4507					Q4508					
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		

SA-MAX9000GN/PU MAIN P.C.B

SA-MAX9000GN/PU MAIN P.C.B.

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

REF NO.	Q4509						Q4511			Q5001			Q8001		
MODE	1	2	3	4	5	6	E	C	B	E	C	B	E	C	B
PLAY	0	0	3.3	0	0	3.3	-29.7	-4.3	-29.1	2.9	1.9	2.2	12	11.9	11.2
STANDBY	0	0	3.3	0	0	3.3	-29.7	-4.3	-29.1	2.9	1.9	2.2	12	11.9	11.2
REF NO.	Q8501			Q8502			Q8503			Q8504			Q8505		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
PLAY	0.5	0.6	1.2	0	0.6	0	0	0	0.6	14.2	15.9	14.7	13.6	15.9	14.3
STANDBY	0.5	0.6	1.2	0	0.6	0	0	0	0.6	14.2	15.9	14.7	13.6	15.9	14.3
REF NO.	Q8506			Q8507			Q8508			Q8509			Q8510		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
PLAY	0	0	0	0	0	0.3	0.4	5.2	1	0	0	0.6	0	0.6	0
STANDBY	0	0	0	0	0	0.3	0.4	5.2	1	0	0	0.6	0	0.6	0
REF NO.	Q8511			Q9003			Q9004			QR1201			QR4001		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
PLAY	0.5	0.6	1.2	5.4	0	5	5.4	0	4.9	0	3.1	0	0	5.4	0
STANDBY	0.5	0.6	1.2	5.4	0	5	5.4	0	4.9	0	3.1	0	0	5.4	0
REF NO.	QR4002			QR4201			QR4203			QR4501			QR4502		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
PLAY	5.4	-5	5.4	-4.5	6.5	-4.5	3.3	-4.6	3.2	-36.2	3.1	-36.2	3.3	0	0
STANDBY	5.4	-5	5.4	-4.5	6.5	-4.5	3.3	-4.6	3.2	-36.2	3.1	-36.2	3.3	0	0
REF NO.	QR4901			QR4902			QR8001			QR8004			QR8005		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
PLAY	0	11.9	0	0	11.9	0	0	0.1	2.9	0	3.1	-6.6	0	3.2	7.5
STANDBY	0	11.9	0	0	11.9	0	0	0.1	2.9	0	3.1	-6.6	0	3.2	7.5
REF NO.	QR8006			QR8045			QR8501			QR8502			QR8503		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
PLAY	0	3.3	0	0	3.3	0	0	0.1	3.2	0	0	2.1	0	0.1	3.2
STANDBY	0	3.3	0	0	3.3	0	0	0.1	3.2	0	0	2.1	0	0.1	3.2
REF NO.	QR8504			QR8505			QR8045			QR9002			QR9003		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
PLAY	0	4.0	0.8	0	4.0	0.8	0	3.3	0	0	4.8	0	0	4.8	0
STANDBY	0	4.0	0.8	0	4.0	0.8	0	3.3	0	0	4.8	0	0	4.8	0

SA-MAX9000GN/PU 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

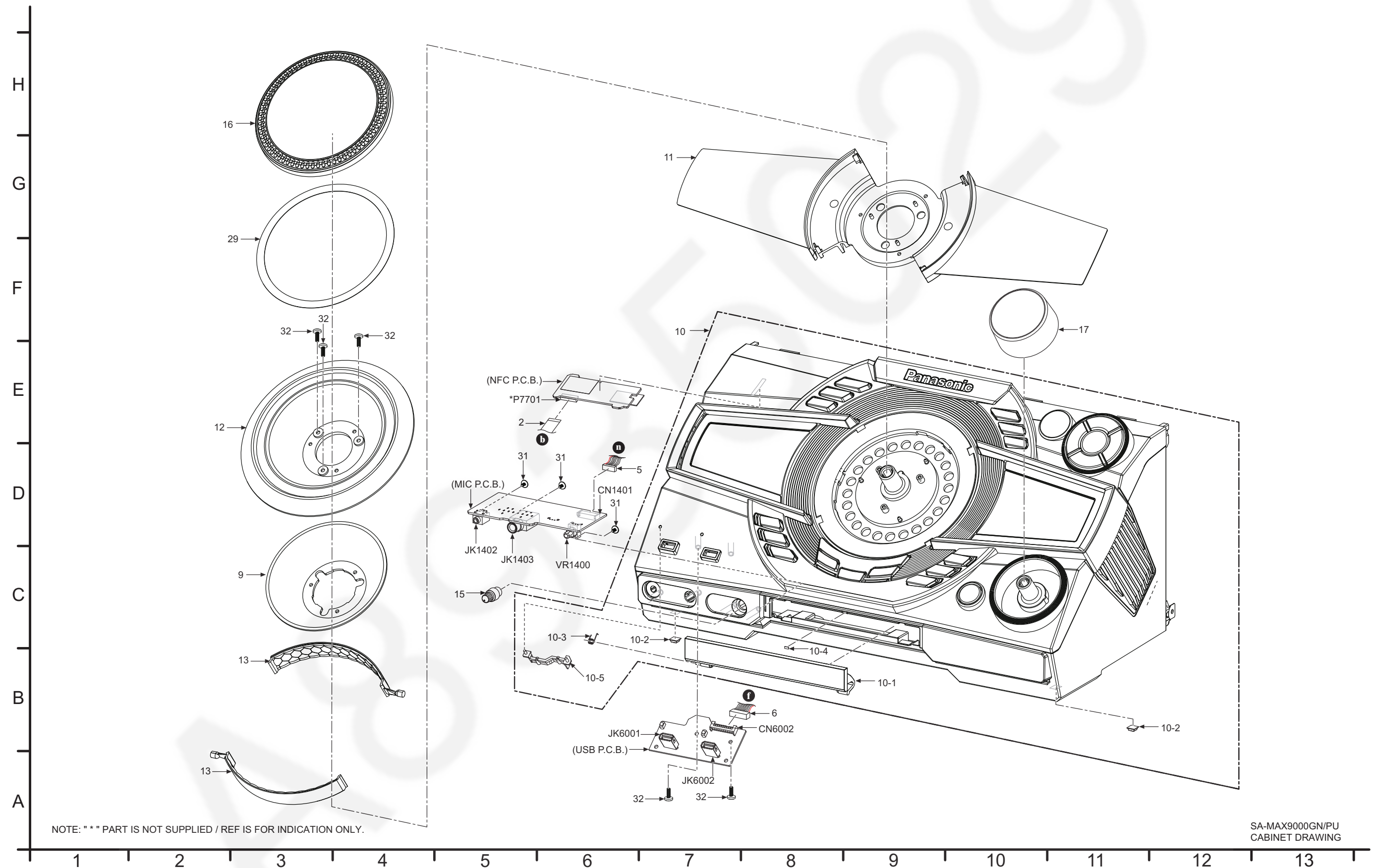
SA-MAX9000GN/PU MIC P.C.B.

14.1.7. SMPS P.C.B.

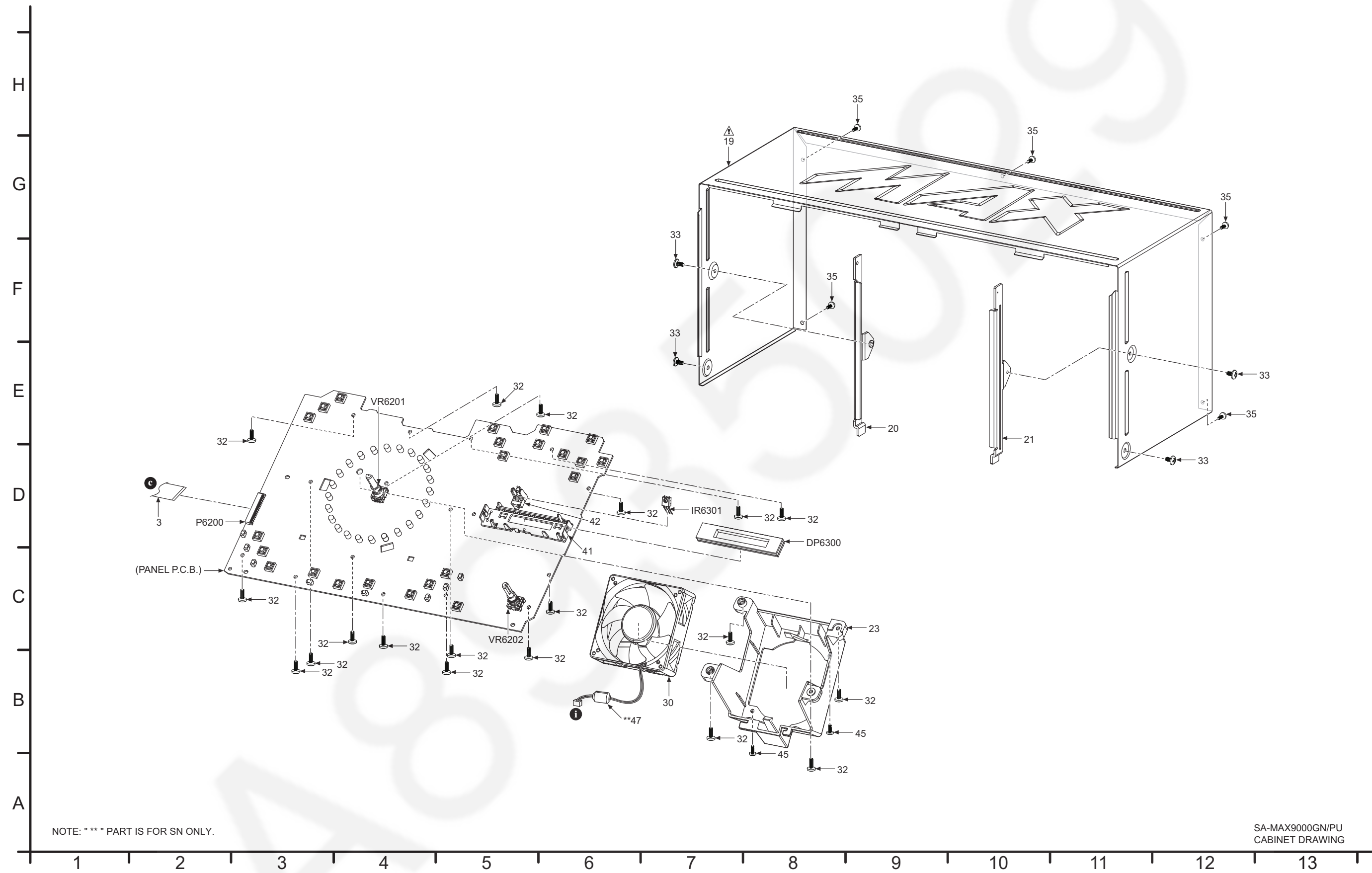
REF NO.	IC1201																			
MODE	1	2	3	4	5	6	7	8												
PLAY	0	0	0	0	0	196.8	17.6	0												
STANDBY	0	0	0	0	0	196.8	17.6	0												
REF NO.	IC1402																			
MODE	1	2	3	4	5	6	7	8												
PLAY	6	1	2.4	17.4	324	-	0	0												
STANDBY	6	1	2.4	17.4	324	-	0	0												
REF 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.	Q1201																			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
PLAY	196.8	196.8	0		196.8	196.8	0		196.8	196.8	0		0	0	17.6		17.6	17.6	16.9	
STANDBY	196.8	196.8	0		196.8	196.8	0		196.8	196.8	0		0	0	17.6		17.6	17.6	16.9	
REF NO.	Q1403																			
MODE	1	2	3	4		1	2	3	4		1	2	3	4		E	C	B		
PLAY	0	0	0.3	0		0	2.3	1.0	6.0		0	0.1	0	16.9		196.8	400	204		
STANDBY	0	0	0.3	0		0	2.3	1.0	6.0		0	0.1	0	16.9		196.8	400	204		
REF NO.	Q1502																			
MODE	E	C	B		1	2	3	4		1	2	3	4		E	C	B			
PLAY	0	196.8	4.2		-28.0	-28.0	0	4.2		0	0	0	17.6		0	1.7	0.3			
STANDBY	0	196.8	4.2		-28.0	-28.0	0	4.2		0	0	0	17.6		0	1.7	0.3			
REF NO.	QR1601																			
MODE	E	C	B		E	C	B													
PLAY	0	0.1	3.1		0	0	3.2													
STANDBY	0	0.1	3.1		0	0	3.2													

SA-MAX9000GN/PU SMPS P.C.B.

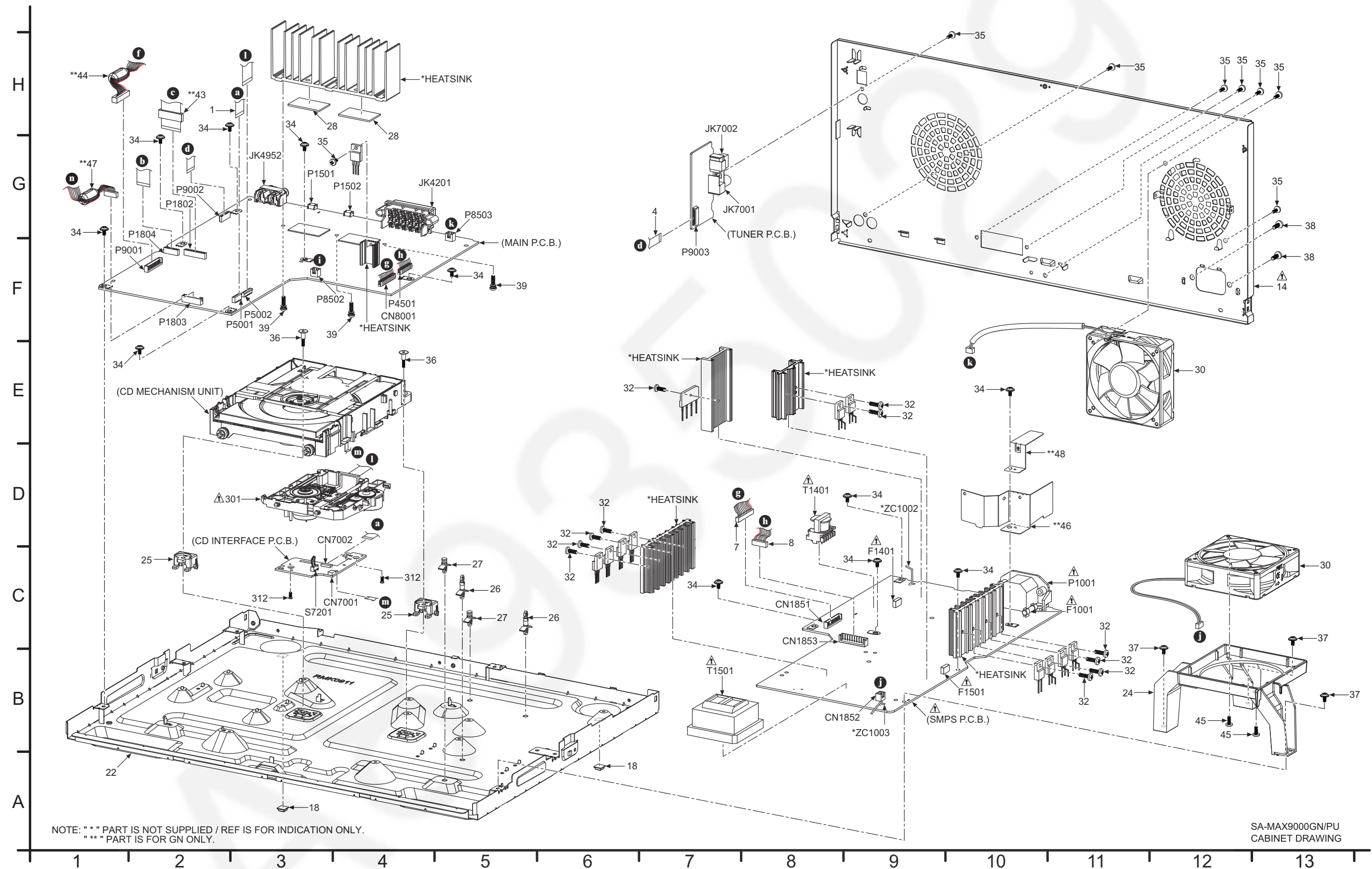
15.1. Cabinet Parts Location 1



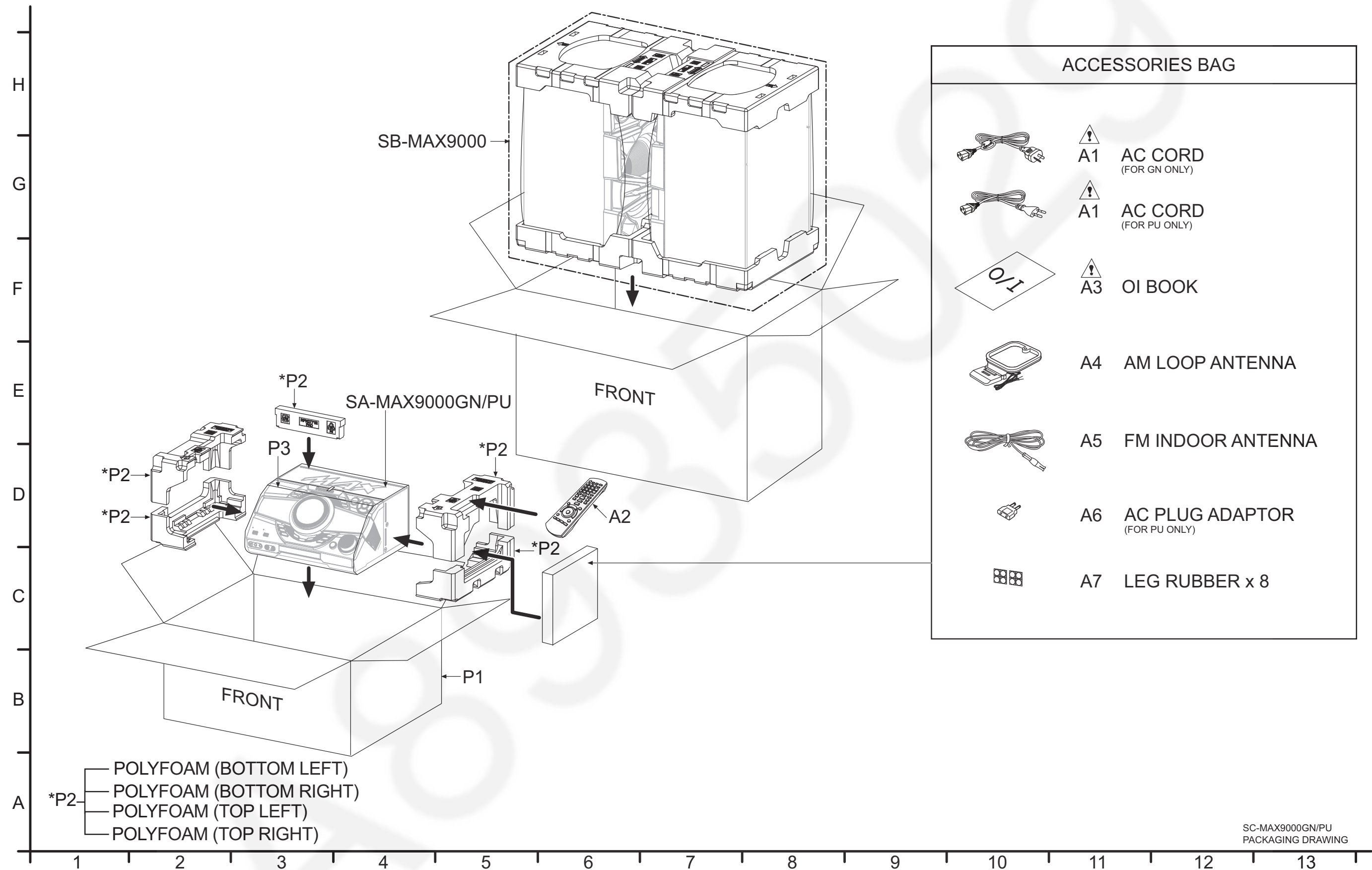
15.2. Cabinet Parts Location 2



15.3. Cabinet Parts Location 3



15.4. Packaging



15.5. Mechanical Replacement Part List

Important Safety Notice

Components identified by $\triangle$ 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".
- 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	REE1730	10P FFC (MAIN-CD INTERFACE)	1	
	2	REE2141	12P FFC (NFC-MAIN)	1	
	3	REE2142	30P FFC (PANEL-MAIN)	1	
	4	REE2143	13P FFC (TUNER-MAIN)	1	
	5	REX1904	9P WIRE (MIC-MAIN)	1	
	6	REX1905	12P WIRE (USB-MAIN)	1	
	7	REX1906	13P WIRE (SMPS-MAIN)	1	
	8	REX1907	10P WIRE (SMPS-MAIN)	1	
	9	RGC0056-S	LIGHT REFLECTOR	1	
	10	RFGX9000PUK	FRONT PANEL ASS'Y	1	PU
	10	RFGX9000GNK	FRONT PANEL ASS'Y	1	GN
	10-1	RGK2635-K	CD LID	1	
	10-2	RKAX0042-K	LEG CUSHION	2	
	10-3	RMB0982	CD LID SPRING	1	
	10-4	RMGX0033A-K	CD LID CUSHION	1	
	10-5	RGL0830-Q	USB LIGHT PIECE	1	
	11	RGL0826-Q	LIGHT WING	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	12	RGL0827-Q	LIGHT ORNAMENT	1	
	13	RGL0840-Q	PATTERN LIGHT PIECE	2	
$\triangle$	14	RGR0484A-A	REAR PANEL	1	PU
$\triangle$	14	RGR0484A-D	REAR PANEL	1	GN
	15	RGW0450-K	MIC KNOB	1	
	16	RGW0448A-K	DJ TABLE	1	
	17	RGW0457-1S	VOLUME KNOB	1	
	18	RKAX0042-K	LEG CUSHION	2	
$\triangle$	19	RKM0771-K	TOP CABINET	1	
	20	RMA2506-1	SIDE ANGLE L	1	
	21	RMA2507-1	SIDE ANGLE R	1	
	22	RXX0902	BOTTOM CHASSIS UNIT	1	
	23	RMN1131	FAN HOLDER	1	
	24	RMN1142	FAN HOLDER	1	
	25	RMQX0382-3	CD MECHA SUPPORT	2	
	26	RMX0510	SMPS PCB SPACER	2	
	27	RMX0552	PCB SPACER	2	
	28	RMG0982-H	RADIATION RUBBER	2	
	29	RMQ2552	DJ SLIDER SHEET	1	
	30	L6FAYYYH0354	FAN UNIT	3	
	31	RHD26016-1L	SCREW	3	
	32	RHD26046-L	SCREW	35	
	33	RHD30007-K2J	SCREW	4	
	34	RHD30111-31	SCREW	11	
	35	RHD30119-S	SCREW	13	
	36	RHDX031008	SCREW	2	
	37	RHDX30005-J	SCREW	3	
	38	XTB4+10AFJ	SCREW	2	
	39	RHD26078	SCREW	3	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	41	RMN1049-1	FL HOLDER	1	
	42	RMN1085-1	IR HOLDER	1	
	43	JOKD00000172	FERRITE CORE	1	GN
	44	JOKG00000199	FERRITE CORE	1	GN
	45	XTB3+12JFJK	SCREW	4	
	46	RXA0277	SMPS SHIELD PLATE UNIT	1	GN
	47	JOKG00000011	FERRITE CORE	2	GN
	48	RSC1341	SHIELD PLATE B	1	GN
			TRAVERSE DECK		
△	301	RAE1052Z-V	TRAVERSE ASS'Y	1	(E.S.D)
	312	XTN2+6GFJ	SCREW	2	
			PACKING MATERI- ALS		
	P1	RPG0S58-1	PACKING CASE	1	GN
	P1	RPG0S65-1	PACKING CASE	1	PU
	P2	RPN2771-1	POLYFOAM	1	
	P3	RPH0333	MIRAMAT SHEET	1	
			ACCESSORIES		
△	A1	RFA3677	AC CORD UNIT	1	GN
△	A1	K2CR2YY00057	AC CORD	1	PU
	A2	N2QAYB001022	REMOTE CONTROL	1	
△	A3	RQT0A63-B	O/I BOOK (En)	1	
△	A3	RQT0A64-M	O/I BOOK (En/Sp)	1	PU
	A4	N1DY0000011	AM LOOP ANTENNA	1	
	A5	RSAX0002	FM INDOOR ANTENNA	1	
	A6	K2DAY000002	AC PLUG ADAPTOR	1	PU
	A7	RKAX0038B	LEG RUBBER	8	

15.6. Electrical 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".
- 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	RFKV5315AA	MAIN/NFC KIT ASS'Y	1	PU
	PCB1	RFKV5315DA	MAIN/NFC KIT ASS'Y	1	GN
	PCB2	REP5315AB	TUNER P.C.B	1	(RTL) PU
	PCB2	REP5315DB	TUNER P.C.B	1	(RTL) GN
	PCB3	RFKV5315AC	NFC KIT ASS'Y	1	PU
	PCB3	RFKV5315DC	NFC KIT ASS'Y	1	GN
	PCB4	REP5316AA	PANEL P.C.B	1	(RTL)
	PCB5	REP5316AB	MIC P.C.B	1	(RTL)
	PCB6	REP5316AC	USB P.C.B	1	(RTL)
	PCB7	REP5317A	SMPS P.C.B	1	(RTL) PU
	PCB7	REP5317B	SMPS P.C.B	1	(RTL) GN
	PCB9	REP4945B	CD INTERFACE P.C.B	1	
			INTEGRATED CIRCUITS		
	IC1001	C1AB00004409	IC	1	(E.S.D)
	IC1002	C0EBY0000664	IC	1	(E.S.D)
	IC1003	RFKWFX9000LM	IC	1	(E.S.D)
	IC1004	RFKWEX9000LM	IC	1	(E.S.D)
	IC1201	C0DBBY00104	IC	1	(E.S.D)
	IC1202	C0ZBZ0002175	IC	1	(E.S.D)
	IC1401	C1AB00003130	IC	1	(E.S.D)

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	IC1402	MIP2F20MSSCF	IC	1	(E.S.D)
	IC1501	C0DBBY000077	IC	1	(E.S.D)
	IC1601	C0DAZYY00039	IC	1	(E.S.D)
	IC1701	C0DAZYY00039	IC	1	(E.S.D)
	IC2001	RFKWNX9000LM	IC	1	(E.S.D)
	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)
	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)
	IC4901	C0JBAR000367	IC	1	(E.S.D)
	IC5001	C0GBY0000213	IC	1	(E.S.D)
	IC6001	C0JBAZ0002990	IC	1	(E.S.D)
	IC6002	C0ZBZ0001747	IC	1	(E.S.D)
	IC7001	VUEALLPT087	IC	1	(E.S.D), [SPG]
	IC8001	C0DBGYY00911	IC	1	(E.S.D)
	IC8002	C0DBZYY00716	IC	1	(E.S.D)
	IC8003	C0DBGYY03909	IC	1	(E.S.D)
	IC8004	C0DBAYY01594	IC	1	(E.S.D)
	IC8007	C0DBEYY00146	IC	1	(E.S.D)
	IC8008	C0DBZYY00716	IC	1	(E.S.D)
	IC8011	C0DBGYY03592	IC	1	(E.S.D)
	IC8012	C0DBGYY00969	IC	1	(E.S.D)
	IC8501	C0ABBA000318	IC	1	(E.S.D)
			TRANSISTORS		
	Q1001	B1ABCF000176	TRANSISTOR	1	(E.S.D)
	Q1201	B1CERR000150	TRANSISTOR	1	(E.S.D)
	Q1202	B1CERR000150	TRANSISTOR	1	(E.S.D)
	Q1205	B1CERR000150	TRANSISTOR	1	(E.S.D)

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	Q1206	B1ABCF000176	TRANSISTOR	1	(E.S.D)
	Q1402	B1ACKD000006	TRANSISTOR	1	(E.S.D)
⚠	Q1403	B3PBA0000579	PHOTO COUPLER	1	(E.S.D)
⚠	Q1404	B3PBA0000579	PHOTO COUPLER	1	(E.S.D)
⚠	Q1405	B3PBA0000579	PHOTO COUPLER	1	(E.S.D)
	Q1501	B1CERR000150	TRANSISTOR	1	(E.S.D)
	Q1502	B1CERR000150	TRANSISTOR	1	(E.S.D)
⚠	Q1505	B3PBA0000579	PHOTO COUPLER	1	(E.S.D)
⚠	Q1701	B3PBA0000579	PHOTO COUPLER	1	(E.S.D)
	Q1702	B1ABCF000176	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)
	Q6301	B1HFCDE00002	TRANSISTOR	1	(E.S.D)
	Q6302	B1HFCDE00002	TRANSISTOR	1	(E.S.D)
	Q8001	B1ADGF000010	TRANSISTOR	1	(E.S.D)
	Q8004	B1GBCFJJ0041	TRANSISTOR	1	(E.S.D)
	Q8006	B1ADCE000012	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)
	Q8512	B1GDCFGG0026	TRANSISTOR	1	(E.S.D)
	Q8513	B1GDCFGG0026	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)
	QR1701	B1GBCFLL0037	TRANSISTOR	1	(E.S.D)
	QR4001	B1GBCFJJ0040	TRANSISTOR	1	(E.S.D)
	QR4002	B1GDCFJJ0047	TRANSISTOR	1	(E.S.D)
	QR4201	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)
	QR6001	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6002	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6003	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6004	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6005	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6006	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6007	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6008	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	QR6009	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6010	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6011	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6012	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6013	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6014	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6015	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6016	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6017	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6018	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6019	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6020	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6021	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6022	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6023	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6024	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6025	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6026	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6027	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6028	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6029	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6030	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6031	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR6032	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR8001	B1GBCFJJ0040	TRANSISTOR	1	(E.S.D)
	QR8004	B1GBCFJJ0038	TRANSISTOR	1	(E.S.D)
	QR8005	B1GDCFGA0018	TRANSISTOR	1	(E.S.D)
	QR8006	B1GBCFJJ0051	TRANSISTOR	1	(E.S.D)
	QR8045	B1GBCFNN0038	TRANSISTOR	1	(E.S.D)
	QR8501	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR8502	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR8503	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR8504	B1GBCFGG0030	TRANSISTOR	1	(E.S.D)
	QR8505	B1GBCFGG0030	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)
	D1201	B0ABSR000009	DIODE	1	(E.S.D)
	D1203	B0ECNR000003	DIODE	1	(E.S.D)
	D1204	B0HAMP000094	DIODE	1	(E.S.D)
	D1205	B0HAMP000094	DIODE	1	(E.S.D)
	D1402	B0EDHS000002	DIODE	1	(E.S.D)
	D1403	B0HAMP000094	DIODE	1	(E.S.D)
	D1405	B0EAMM000057	DIODE	1	(E.S.D)
	D1406	B0ECET000006	DIODE	1	(E.S.D)
	D1502	DZ2J120M0L	DIODE	1	(E.S.D)
	D1503	B0HAMP000094	DIODE	1	(E.S.D)
	D1504	B0JCPD000039	DIODE	1	(E.S.D)
	D1505	B0JCPD000039	DIODE	1	(E.S.D)
	D1601	B0EAMM000057	DIODE	1	(E.S.D)
	D1701	DZ2J150M0L	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)
	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)

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	D4215	B0HCMM000024	DIODE	1	(E.S.D)
	D4216	B0HCMM000024	DIODE	1	(E.S.D)
	D4217	B0HCMM000024	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	DB2J31400L	DIODE	1	(E.S.D)
	D6001	B3ABA0000977	DIODE	1	(E.S.D)
	D6002	B3AEA0000203	DIODE	1	(E.S.D)
	D6003	B3AAA0001246	DIODE	1	(E.S.D)
	D6004	B3ABA0000977	DIODE	1	(E.S.D)
	D6005	B3AEA0000203	DIODE	1	(E.S.D)
	D6006	B3AAA0001246	DIODE	1	(E.S.D)
	D6007	B3ABA0000977	DIODE	1	(E.S.D)
	D6008	B3AEA0000203	DIODE	1	(E.S.D)
	D6009	B3AAA0001246	DIODE	1	(E.S.D)
	D6010	B3ABA0000977	DIODE	1	(E.S.D)
	D6011	B3AEA0000203	DIODE	1	(E.S.D)
	D6012	B3AAA0001246	DIODE	1	(E.S.D)
	D6013	B3ABA0000977	DIODE	1	(E.S.D)
	D6014	B3AEA0000203	DIODE	1	(E.S.D)
	D6015	B3AAA0001246	DIODE	1	(E.S.D)
	D6016	B3ABA0000977	DIODE	1	(E.S.D)
	D6017	B3AEA0000203	DIODE	1	(E.S.D)
	D6018	B3AAA0001246	DIODE	1	(E.S.D)
	D6019	B3ABA0000977	DIODE	1	(E.S.D)
	D6020	B3AEA0000203	DIODE	1	(E.S.D)
	D6021	B3AAA0001246	DIODE	1	(E.S.D)
	D6022	B3ABA0000977	DIODE	1	(E.S.D)
	D6023	B3AEA0000203	DIODE	1	(E.S.D)
	D6024	B3AAA0001246	DIODE	1	(E.S.D)
	D6025	B3AAA0001243	DIODE	1	(E.S.D)
	D6026	B3AAA0001243	DIODE	1	(E.S.D)
	D6027	B3AAA0001243	DIODE	1	(E.S.D)
	D6028	B3AAA0001243	DIODE	1	(E.S.D)
	D6029	B3AAA0001243	DIODE	1	(E.S.D)
	D6030	B3AAA0001243	DIODE	1	(E.S.D)
	D6031	B3AAA0001243	DIODE	1	(E.S.D)
	D6032	B3AAA0001243	DIODE	1	(E.S.D)
	D6101	B3AAA0001243	DIODE	1	(E.S.D)
	D6102	B3AAA0001243	DIODE	1	(E.S.D)
	D6301	B0ADDH000009	DIODE	1	(E.S.D)
	D6302	B0ADDH000009	DIODE	1	(E.S.D)
	D8002	B0JCPG000032	DIODE	1	(E.S.D)
	D8003	DA2J10100L	DIODE	1	(E.S.D)
	D8004	DA2J10100L	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)
	D8013	DB2J20800L	DIODE	1	(E.S.D)
	D8040	B0ADDH000009	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)
△	DZ1001	D4EAY511A127	VARISTORS	1	(E.S.D)

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
			VARIABLE RESISTORS		
	VR1400	EVUE27FK2B53	MIC JOG	1	
	VR6201	K9AA024Y0009	MULTI CONTROL JOG	1	
	VR6202	K9AA024Y0009	VOLUME JOG	1	
			VARISTOR		
	VA7001	J0ZZB0000202	VARISTOR	1	
			SWITCHES		
	S6201	EVQ21405RJ	SW POWER	1	
	S6202	EVQ21405RJ	SW OPEN/CLOSE	1	
	S6203	EVQ21405RJ	SW TUNE MODE	1	
	S6204	EVQ21405RJ	SW BLUETOOTH	1	
	S6205	EVQ21405RJ	SW MEMORY/USB	1	
	S6206	EVQ21405RJ	SW DJ1/VOCAL CANCEL	1	
	S6207	EVQ21405RJ	SW DJ2/ECHO	1	
	S6208	EVQ21405RJ	SW DJ3/KEY-CON	1	
	S6209	EVQ21405RJ	SW ILLUMINATION	1	
	S6210	EVQ21405RJ	SW EFFECT/SAMPLER	1	
	S6211	EVQ21405RJ	SW KARAOKE DJ JUKEBOX	1	
	S6212	EVQ21405RJ	SW DJ6	1	
	S6213	EVQ21405RJ	SW DJ5	1	
	S6214	EVQ21405RJ	SW DJ4 TEMPO	1	
	S6215	EVQ21405RJ	SW REW	1	
	S6216	EVQ21405RJ	SW FWD	1	
	S6217	EVQ21405RJ	SW ALBUM/TRACK	1	
	S6218	EVQ21405RJ	SW MEMORY/RECORD	1	
	S6219	EVQ21405RJ	SW USB	1	
	S6220	EVQ21405RJ	SW EQ	1	
	S6221	EVQ21405RJ	SW CD/RADIO/AUX	1	
	S6222	EVQ21405RJ	SW PLAY/PAUSE	1	
	S6223	EVQ21405RJ	SW BASS	1	
	S7201	K0L1BA000158	SW RESET	1	
			CONNECTORS		
	CN1401	K1KA09BA00061	9P CONNECTOR	1	
	CN1851	K1KA13AA0194	13P CONNECTOR	1	
	CN1852	K1KA02AA0186	2P CONNECTOR	1	
	CN1853	K1KA10AA0181	10P CONNECTOR	1	
	CN6002	K1KA12BA0062	12P CONNECTOR	1	
	CN7001	K1MY05BA0565	5P CONNECTOR	1	
	CN7002	K1MN10B00016	10P CONNECTOR	1	
	CN8001	K1ZZ00000834	13P CONNECTOR	1	
	P1501	K1KA04BA0122	4P CONNECTOR	1	
	P1502	K1KA04BA0122	4P CONNECTOR	1	
	P1802	K1MY30AA0267	30P CONNECTOR	1	
	P1803	K1KA09AA0193	9P CONNECTOR	1	
	P1804	K1MY12AA0267	12P CONNECTOR	1	
	P4501	K1YF10000003	10P CONNECTOR	1	
	P5001	K1MN10AA0076	10P CONNECTOR	1	
	P5002	K1MY24A00001	24P CONNECTOR	1	
	P6200	K1MY30BA0566	30P CONNECTOR	1	
	P8502	K1KA02AA0186	2P CONNECTOR	1	
	P8503	K1KA02AA0186	2P CONNECTOR	1	
	P9001	K1KA12AA0194	12P CONNECTOR	1	
	P9002	K1MY13AA0267	13P CONNECTOR	1	
	P9003	K1MY13BA0566	13P CONNECTOR	1	
			COILS AND INDUCTORS		
△	L1001	G0B333K00001	LINE FILTER	1	GN
△	L1001	G0B100Y00001	LINE FILTER	1	PU
△	L1002	G0B183J00002	LINE FILTER	1	GN

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	L1201	G0C101J00012	INDUCTOR	1	
	L1202	G0C101J00012	INDUCTOR	1	
	L4001	G1C100KA0101	INDUCTOR	1	
	L4002	G1C100KA0101	INDUCTOR	1	
	L4003	G1C100KA0101	INDUCTOR	1	
	L4201	G0C100M00015	INDUCTOR	1	
	L4202	G0C100M00015	INDUCTOR	1	
	L4203	G0C100M00015	INDUCTOR	1	
	L4204	G0C100M00015	INDUCTOR	1	
	L4501	G0C100M00015	INDUCTOR	1	
	L4502	G0C100M00015	INDUCTOR	1	
	L4503	G0C100M00015	INDUCTOR	1	
	L4504	G0C100M00015	INDUCTOR	1	
	L4505	G1C100KA0101	INDUCTOR	1	
	L7001	G1CR18JA0020	INDUCTOR	1	
	L7002	G2A380Y00002	COIL	1	
	L8001	G1C330MA0234	INDUCTOR	1	
	L8005	G1C100KA0101	INDUCTOR	1	
	LB1001	J0JYC0000656	INDUCTOR	1	
	LB1002	J0JYC0000656	INDUCTOR	1	
	LB1003	J0JYC0000656	INDUCTOR	1	
	LB1004	J0JYC0000656	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	
	LB1014	J0JYC0000656	INDUCTOR	1	
	LB1015	J0JYC0000656	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	J0JYC0000656	INDUCTOR	1	
	LB1036	J0JCC0000286	INDUCTOR	1	
	LB1037	J0JYC0000656	INDUCTOR	1	
	LB1038	J0JYC0000656	INDUCTOR	1	
	LB1039	J0JYC0000656	INDUCTOR	1	
	LB1040	J0JCC0000286	INDUCTOR	1	
	LB1042	J0JCC0000286	INDUCTOR	1	
	LB1043	J0JCC0000286	INDUCTOR	1	
	LB1045	J0JCC0000286	INDUCTOR	1	
	LB1046	J0JCC0000286	INDUCTOR	1	
	LB1047	J0JCC0000286	INDUCTOR	1	
	LB1048	J0JCC0000286	INDUCTOR	1	
	LB1201	J0JYC0000656	INDUCTOR	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	
	LB1509	J0JYC0000656	INDUCTOR	1	
	LB1801	J0JYC0000656	INDUCTOR	1	
	LB1802	J0JYC0000656	INDUCTOR	1	
	LB1803	J0JYC0000656	INDUCTOR	1	
	LB1804	J0JYC0000656	INDUCTOR	1	
	LB1805	J0JYC0000656	INDUCTOR	1	
	LB1814	J0JYC0000656	INDUCTOR	1	
	LB1815	J0JYC0000656	INDUCTOR	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	LB1816	J0JYC0000656	INDUCTOR	1	
	LB1817	J0JYC0000656	INDUCTOR	1	
	LB2001	J0JYC0000656	INDUCTOR	1	
	LB4001	J0JYC0000656	INDUCTOR	1	
	LB4002	J0JYC0000656	INDUCTOR	1	
	LB4003	J0JYC0000656	INDUCTOR	1	
	LB4901	J0JYC0000656	INDUCTOR	1	
	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	
	LB6001	J0JYC0000656	INDUCTOR	1	
	LB7001	J0JYC0000656	INDUCTOR	1	
	LB7002	J0JYC0000118	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	
			TRANSFORMERS		
⚠	T1401	G4DYA0000688	SWITCHING TRANS-FORMER	1	
⚠	T1501	G4DYA0000784	SWITCHING TRANS-FORMER	1	
			LCD DISPLAY		
	DP6300	A2BB00000186	LCD DISPLAY	1	
			FILTERS		
	T9001	J0ZZB0000182	FILTER	1	
	T9002	J0ZZB0000182	FILTER	1	
			TERMINALS		
	ZJ1001	K4CZ01000027	TERMINAL	1	
	ZJ1004	K4CZ01000027	TERMINAL	1	
	ZJ1102	K4CZ01000027	TERMINAL	1	
	ZJ1851	K4CZ01000027	TERMINAL	1	
	ZJ8001	K9ZZ00001279	EARTH PLATE	1	
	ZJ8003	K9ZZ00001279	EARTH PLATE	1	
	ZJ8004	K9ZZ00001279	EARTH PLATE	1	
	ZJ8005	K9ZZ00001279	EARTH PLATE	1	
	ZJ8006	K9ZZ00001279	EARTH PLATE	1	
	ZJ8007	K9ZZ00001279	EARTH PLATE	1	
			OSCILLATORS		
	X1001	H0J169500045	OSCILLATOR	1	
	X1002	H0A327200191	OSCILLATOR	1	
	X4001	H0J245500110	OSCILLATOR	1	
			FUSE		
⚠	F1401	K5G501YA0081	FUSE	1	
⚠	F1501	K5G502YA0159	FUSE	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
⚠	F1001	K5D103BNA005	FUSE	1	
			FUSE HOLDERS		
	ZA1002	K3GE1ZZ00001	FUSE HOLDER	1	
	ZA1003	K3GE1ZZ00001	FUSE HOLDER	1	
			THERMISTORS		
	TH1201	D4CAY209A131	THERMISTOR		
	TH1801	D4CCY1040001	THERMISTOR	1	
			JACKS		
	JK1402	K2HCL1YYB0033	JK AUX IN2	1	
	JK1403	K2HB107B0001	JK MIC	1	
	JK4201	K4AZ12A00019	JK SPEAKER	1	
	JK4952	K2HA2YYA0006	JK AUX IN1	1	
	JK6001	K1FY104A0034	JK USB PORT A	1	
	JK6002	K1FY104A0034	JK USB PORT B REC/PLAY	1	
	JK7001	K4ZZ02000103	JK FM ANT	1	
	JK7002	K4AC02B00042	JK AM ANT	1	
⚠	P1001	K2AZYA000005	AC INLET	1	
			CHIP JUMPERS		
	LB1501	D0GBR00J0004	0 1/10W	1	
	LB1502	D0GBR00J0004	0 1/10W	1	
	LB1505	D0GBR00J0004	0 1/10W	1	
	LB1506	D0GBR00J0004	0 1/10W	1	
	LB1507	D0GBR00J0004	0 1/10W	1	
	LB1518	D0GBR00J0004	0 1/10W	1	
	LB1519	D0GBR00J0004	0 1/10W	1	
	LB1528	D0GBR00J0004	0 1/10W	1	
	LB1529	D0GBR00J0004	0 1/10W	1	
	LB1530	D0GBR00J0004	0 1/10W	1	
	LB1005	D0GB100JA065	10 1/10W	1	
	W1400	D0GBR00J0004	0 1/10W	1	
	W1401	D0GFR00J0005	0 1/4W	1	
	W1402	D0GDR00J0004	0 1/8W	1	
	W1403	D0GFR00J0005	0 1/4W	1	
	W1404	D0GDR00J0004	0 1/8W	1	
	W1405	D0GDR00J0004	0 1/8W	1	
	W1406	D0GBR00J0004	0 1/10W	1	
	W1407	D0GDR00J0004	0 1/8W	1	
	W1408	D0GDR00J0004	0 1/8W	1	
	W1409	D0GFR00J0005	0 1/4W	1	
	W1410	D0GBR00J0004	0 1/10W	1	
	W1411	D0GFR00J0005	0 1/4W	1	
	W1412	D0GFR00J0005	0 1/4W	1	
	W1413	D0GDR00J0004	0 1/8W	1	
	W1414	D0GBR00J0004	0 1/10W	1	
	W1415	D0GDR00J0004	0 1/8W	1	
	W1416	D0GDR00J0004	0 1/8W	1	
	W6000	D0GFR00J0005	0 1/4W	1	
	W6001	D0GBR00J0004	0 1/10W	1	
	W6002	D0GDR00J0004	0 1/8W	1	
	W6003	D0GDR00J0004	0 1/8W	1	
	W6004	D0GFR00J0005	0 1/4W	1	
	W6005	D0GFR00J0005	0 1/4W	1	
	W6006	D0GFR00J0005	0 1/4W	1	
	W6007	D0GFR00J0005	0 1/4W	1	
	W6008	D0GFR00J0005	0 1/4W	1	
	W6009	D0GFR00J0005	0 1/4W	1	
	W6010	D0GFR00J0005	0 1/4W	1	
	W6011	D0GFR00J0005	0 1/4W	1	
	W6012	D0GFR00J0005	0 1/4W	1	
	W6013	D0GBR00J0004	0 1/10W	1	
	W6014	D0GFR00J0005	0 1/4W	1	
	W6015	D0GFR00J0005	0 1/4W	1	
	W6016	D0GDR00J0004	0 1/8W	1	
	W6017	D0GBR00J0004	0 1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	W6018	D0GFR00J0005	0 1/4W	1	
	W6019	D0GFR00J0005	0 1/4W	1	
	W6020	D0GFR00J0005	0 1/4W	1	
	W6021	D0GBR00J0004	0 1/10W	1	
	W6022	D0GFR00J0005	0 1/4W	1	
	W6023	D0GFR00J0005	0 1/4W	1	
	W6024	D0GFR00J0005	0 1/4W	1	
	W6025	D0GDR00J0004	0 1/8W	1	
	W6026	D0GFR00J0005	0 1/4W	1	
	W6027	D0GFR00J0005	0 1/4W	1	
	W6028	D0GDR00J0004	0 1/8W	1	
	W6029	D0GFR00J0005	0 1/4W	1	
	W6030	D0GDR00J0004	0 1/8W	1	
	W6032	D0GFR00J0005	0 1/4W	1	
	W6033	D0GFR00J0005	0 1/4W	1	
	W6034	D0GBR00J0004	0 1/10W	1	
	W6035	D0GFR00J0005	0 1/4W	1	
	W6036	D0GFR00J0005	0 1/4W	1	
	W6037	D0GFR00J0005	0 1/4W	1	
	W6038	D0GFR00J0005	0 1/4W	1	
	W6039	D0GFR00J0005	0 1/4W	1	
	W6040	D0GDR00J0004	0 1/8W	1	
	W6041	D0GDR00J0004	0 1/8W	1	
	W6042	D0GBR00J0004	0 1/10W	1	
	W6043	D0GFR00J0005	0 1/4W	1	
	W6044	D0GFR00J0005	0 1/4W	1	
	W6045	D0GFR00J0005	0 1/4W	1	
	W6046	D0GFR00J0005	0 1/4W	1	
	W6047	D0GDR00J0004	0 1/8W	1	
	W6048	D0GFR00J0005	0 1/4W	1	
	W6049	D0GFR00J0005	0 1/4W	1	
	W6050	D0GFR00J0005	0 1/4W	1	
	W6051	D0GFR00J0005	0 1/4W	1	
	W6052	D0GBR00J0004	0 1/10W	1	
	W6053	D0GFR00J0005	0 1/4W	1	
	W6054	D0GFR00J0005	0 1/4W	1	
	W6055	D0GFR00J0005	0 1/4W	1	
	W6056	D0GFR00J0005	0 1/4W	1	
	W6057	D0GFR00J0005	0 1/4W	1	
	W6058	D0GFR00J0005	0 1/4W	1	
	W6059	D0GFR00J0005	0 1/4W	1	
	W6060	D0GFR00J0005	0 1/4W	1	
	W6061	D0GFR00J0005	0 1/4W	1	
	W6062	D0GFR00J0005	0 1/4W	1	
	W6063	D0GBR00J0004	0 1/10W	1	
	W6064	D0GFR00J0005	0 1/4W	1	
	W6065	D0GFR00J0005	0 1/4W	1	
	W6066	D0GFR00J0005	0 1/4W	1	
	W6067	D0GBR00J0004	0 1/10W	1	
	W6068	D0GFR00J0005	0 1/4W	1	
	W6069	D0GDR00J0004	0 1/8W	1	
	W6070	D0GFR00J0005	0 1/4W	1	
	W6071	D0GFR00J0005	0 1/4W	1	
	W6072	D0GDR00J0004	0 1/8W	1	
	W6073	D0GFR00J0005	0 1/4W	1	
	W6074	D0GDR00J0004	0 1/8W	1	
	W6075	D0GFR00J0005	0 1/4W	1	
	W6076	D0GFR00J0005	0 1/4W	1	
	W6077	D0GFR00J0005	0 1/4W	1	
	W6078	D0GFR00J0005	0 1/4W	1	
	W6079	D0GDR00J0004	0 1/8W	1	
	W6080	D0GDR00J0004	0 1/8W	1	
	W6081	D0GDR00J0004	0 1/8W	1	
	W6082	D0GFR00J0005	0 1/4W	1	
	W6083	D0GFR00J0005	0 1/4W	1	
	W6084	D0GFR00J0005	0 1/4W	1	
	W6085	D0GDR00J0004	0 1/8W	1	
	W6086	D0GFR00J0005	0 1/4W	1	
	W6087	D0GFR00J0005	0 1/4W	1	
	W6088	D0GDR00J0004	0 1/8W	1	
	W6089	D0GFR00J0005	0 1/4W	1	
	W6090	D0GFR00J0005	0 1/4W	1	
	W6091	D0GFR00J0005	0 1/4W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	W6092	D0GFR00J0005	0 1/4W	1	
	W6200	D0GFR00J0005	0 1/4W	1	
	W6201	D0GFR00J0005	0 1/4W	1	
	W6202	D0GFR00J0005	0 1/4W	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	
	K8007	D0GDR00J0004	0 1/8W	1	
			REMOTE SENSOR		
	IR6301	B3RAD0000227	REMOTE SENSOR	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	PU
⚠	R1002	D0GF474JA048	470K 1/4W	1	GN
	R1003	D0GBR00J0004	0 1/10W	1	
	R1004	D0GBR00J0004	0 1/10W	1	
	R1005	D0GB103JA065	10K 1/10W	1	
	R1010	D0GB101JA065	100 1/10W	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	D0GB103JA065	10K 1/10W	1	
	R1030	D0GBR00J0004	0 1/10W	1	
	R1031	D0GB103JA065	10K 1/10W	1	
	R1032	D0GB103JA065	10K 1/10W	1	
	R1033	D0GB272JA065	2.7K 1/10W	1	GN
	R1033	D0GB393JA065	39K 1/10W	1	PU
	R1038	D0GB103JA065	10K 1/10W	1	
	R1039	D0GB222JA065	2.2K 1/10W	1	
	R1040	D0GB222JA065	2.2K 1/10W	1	
	R1041	D0GB101JA065	100 1/10W	1	
	R1042	D0GB103JA065	10K 1/10W	1	
	R1043	D0GB103JA065	10K 1/10W	1	
	R1044	D0GB103JA065	10K 1/10W	1	
	R1045	D0GBR00J0004	0 1/10W	1	
	R1046	D0GB101JA065	100 1/10W	1	
	R1047	D0GBR00J0004	0 1/10W	1	
	R1048	D0GB101JA065	100 1/10W	1	
	R1049	D0GB101JA065	100 1/10W	1	
	R1050	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	
	R1070	D0GB101JA065	100 1/10W	1	
	R1071	D0GB101JA065	100 1/10W	1	
	R1072	D0GB101JA065	100 1/10W	1	
	R1078	D0GA101JA023	100 1/16W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	R1079	D1BB1502A074	15K 1/10W	1	
	R1080	D1BB6802A074	68K 1/10W	1	
	R1081	D0GB103JA065	10K 1/10W	1	
	R1100	D0GB101JA065	100 1/10W	1	
	R1105	D0GB103JA065	10K 1/10W	1	
	R1106	D0GB334JA065	330K 1/10W	1	
	R1107	D0GB184JA065	180K 1/10W	1	
	R1116	D0GB103JA065	10K 1/10W	1	
	R1117	D0GB103JA065	10K 1/10W	1	
	R1118	D0GB103JA065	10K 1/10W	1	
	R1119	D0GB103JA065	10K 1/10W	1	
	R1120	D0GB101JA065	100 1/10W	1	
	R1121	D0GB101JA065	100 1/10W	1	
	R1150	D0GBR00J0004	0 1/10W	1	
	R1153	D0GBR00J0004	0 1/10W	1	PU
	R1155	D0GBR00J0004	0 1/10W	1	GN
	R1201	ERX2LJ47MP	0.04 2W	1	
	R1202	ERX2LJ47MP	0.04 2W	1	
	R1203	ERX2LJ47MP	0.04 2W	1	
	R1204	D0GBR00J0004	0 1/10W	1	
	R1204	ERX2LJ47MP	0.04 2W	1	
	R1205	D1BB2702A074	27K 1/10W	1	
	R1207	D0GD103JA052	10K 1/8W	1	
	R1208	D0GD103JA052	10K 1/8W	1	
	R1209	D0GD103JA052	10K 1/8W	1	
	R1210	ERJ14YJ220U	22 1/2W	1	
	R1211	ERJ14YJ220U	22 1/2W	1	
	R1212	ERJ14YJ220U	22 1/2W	1	
	R1213	D0GBR00J0004	0 1/10W	1	
	R1214	D0GBR00J0004	0 1/10W	1	
	R1217	D1BD6803A066	680K 1/8W	1	
	R1218	D1BD6803A066	680K 1/8W	1	
	R1219	D1BD6803A066	680K 1/8W	1	
	R1222	D1BD6803A066	680K 1/8W	1	
	R1226	D1BB1202A074	12K 1/10W	1	
	R1228	D0GB393JA065	39K 1/10W	1	
	R1229	D1BB6801A074	6.8K 1/10W	1	
	R1229	D1BD1802A066	18K 1/8W	1	
	R1230	D1BD3303A066	330K 1/8W	1	
	R1233	D1BB6802A074	68K 1/10W	1	
	R1236	D0GB103JA065	10K 1/10W	1	
	R1236	D0GD680JA052	680K 1/8W	1	
	R1237	D1BD6803A066	680K 1/8W	1	
	R1238	D1BD6803A066	680K 1/8W	1	
	R1239	D1BD6803A066	680K 1/8W	1	
	R1240	D1BD6803A066	680K 1/8W	1	
	R1242	D1BD4702A066	47K 1/8W	1	
	R1243	D1BD6803A066	680K 1/8W	1	
	R1244	D1BB2702A074	27K 1/10W	1	
	R1245	D0GB102JA065	1K 1/10W	1	
	R1246	D0GB103JA065	10K 1/10W	1	
	R1401	D0GB473JA065	47K 1/10W	1	
	R1402	D0GB561JA065	560 1/10W	1	
	R1403	D0GB101JA065	100 1/10W	1	
	R1404	D0GB472JA065	4.7K 1/10W	1	
	R1405	D0GB473JA065	47K 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	
	R1422	D0GBR00J0004	0 1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	R1423	D0GBR00J0004	0 1/10W	1	
	R1424	D0GBR00J0004	0 1/10W	1	
	R1425	D0GBR00J0004	0 1/10W	1	
	R1426	D0GBR00J0004	0 1/10W	1	
	R1501	D1BD4703A066	470K 1/8W	1	
	R1502	D0GB2R2JA065	2.2 1/10W	1	
	R1502	D1BD4703A066	470K 1/8W	1	
	R1503	D1BD4703A066	470K 1/8W	1	
	R1504	D1BD4703A066	470K 1/8W	1	
	R1505	D0GD103JA052	10K 1/8W	1	
	R1506	D0GDR00J0004	0 1/8W	1	
	R1507	D0GD224JA052	220K 1/8W	1	
	R1508	D0GB102JA065	1K 1/10W	1	
	R1508	ERJ14YJ4R7U	4.7 1/2W	1	
	R1509	D0GB102JA065	1K 1/10W	1	
	R1509	ERJ14YJ4R7U	4.7 1/2W	1	
	R1510	D0GB102JA065	1K 1/10W	1	
	R1510	D0GD470JA052	47 1/8W	1	
	R1511	D0GB102JA065	1K 1/10W	1	
	R1511	D0GD330JA052	33 1/8W	1	
	R1512	ERJ14YJ220U	22 1/2W	1	
	R1513	ERJ14YJ220U	22 1/2W	1	
	R1514	D0GD180JA052	18 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	0.1 2W	1	
	R1601	D0GD331JA052	330 1/8W	1	
	R1602	D0GB151JA065	150 1/10W	1	
	R1603	D0GB153JA065	15K 1/10W	1	
	R1604	D1BB1002A074	10K 1/10W	1	
	R1605	D1BB1001A074	10K 1/10W	1	
	R1606	D1BB1002A074	10K 1/10W	1	
	R1607	D0GB222JA065	2.2K 1/10W	1	
	R1701	D0GD152JA052	1.5K 1/8W	1	
	R1702	D0GD272JA052	2.7K 1/8W	1	
	R1703	D0GD272JA052	2.7K 1/8W	1	
	R1704	D0GB104JA065	100K 1/10W	1	
	R1705	D0GB103JA065	10K 1/10W	1	
	R1706	D0GD103JA052	10K 1/8W	1	
	R1708	D1BB3302A074	33K 1/10W	1	
	R1709	D1BB3302A074	33K 1/10W	1	
	R1710	D1BB1202A074	12K 1/10W	1	
	R1711	D1BB2401A074	2.4K 1/10W	1	
	R1712	D0GZ222JA012	2.2K 1W	1	
	R1713	D0GZ222JA012	2.2K 1W	1	
	R1716	D0GD102JA052	1K 1/8W	1	
	R1717	D0GBR00J0004	0 1/10W	1	
	R1718	D0GBR00J0004	0 1/10W	1	
	R1719	D0GZ222JA012	2.2K 1W	1	
	R1720	D0GZ222JA012	2.2K 1W	1	
	R1724	D0GB561JA065	560 1/10W	1	
	R1725	D0GB472JA065	4.7K 1/10W	1	
	R1726	D0GB103JA065	10K 1/10W	1	
	R1802	J0JYC0000656	INDUCTOR	1	
	R1803	J0JYC0000656	INDUCTOR	1	
	R1804	J0JYC0000656	INDUCTOR	1	
	R1805	J0JYC0000656	INDUCTOR	1	
	R1806	J0JYC0000656	INDUCTOR	1	
	R1807	J0JYC0000656	INDUCTOR	1	
	R1808	J0JYC0000656	INDUCTOR	1	
	R1809	D0GB102JA065	1K 1/10W	1	
	R1810	J0JYC0000656	INDUCTOR	1	
	R1811	D0GBR00J0004	0 1/10W	1	
	R1812	J0JYC0000656	INDUCTOR	1	
	R1815	D0GB472JA065	4.7K 1/10W	1	
	R1816	J0JYC0000656	INDUCTOR	1	
	R1817	J0JYC0000656	INDUCTOR	1	
	R1818	J0JYC0000656	INDUCTOR	1	
	R1819	J0JYC0000656	INDUCTOR	1	
	R1820	J0JYC0000656	INDUCTOR	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	R1821	J0JYC0000656	INDUCTOR	1	
	R1822	D0GBR00J0004	0 1/10W	1	
	R1823	D0GBR00J0004	0 1/10W	1	
	R1828	J0JYC0000656	INDUCTOR	1	
	R1843	D0GBR00J0004	0 1/10W	1	
	R1844	D0GBR00J0004	0 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	
	R2005	D0GB473JA065	47K 1/10W	1	
	R2006	D0GB473JA065	47K 1/10W	1	
	R2007	D0GB473JA065	47K 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	
	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	
	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	
	R4075	D0GB821JA065	820 1/10W	1	
	R4076	D0GB821JA065	820 1/10W	1	
	R4078	D0GDR00J0004	0 1/8W	1	
	R4079	D0GDR00J0004	0 1/8W	1	
	R4080	D0GB222JA065	2.2K 1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	R4201	D0GB100JA065	10 1/10W	1	
	R4202	D0GB100JA065	10 1/10W	1	
	R4203	D0GB332JA065	3.3K 1/10W	1	
	R4204	D0GB151JA065	150 1/10W	1	
	R4205	D0GB822JA065	8.2K 1/10W	1	
	R4206	D0GB332JA065	3.3K 1/10W	1	
	R4207	D0GB822JA065	8.2K 1/10W	1	
	R4208	D0GB151JA065	150 1/10W	1	
	R4209	D0GB332JA065	3.3K 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	D0GB332JA065	3.3K 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	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	R4277	D0GB683JA065	68K 1/10W	1	
	R4278	D0GB124JA065	120K 1/10W	1	
	R4289	D0GBR00J0004	0 1/10W	1	
	R4292	D0GBR00J0004	0 1/10W	1	
	R4293	D0GBR00J0004	0 1/10W	1	
	R4294	D0GBR00J0004	0 1/10W	1	
	R4296	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	
	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	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	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	
	R4602	D0YRR0000001	0 1W	1	
	R4604	D0YRR0000001	0 1W	1	
	R4603	D0YRR0000001	0 1W	1	
	R4605	D0YRR0000001	0 1W	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	D0GB47JA065	4.7 1/10W	1	
	R5020	D0GB104JA065	100K 1/10W	1	
	R5021	D0GBR00J0004	0 1/10W	1	
	R5022	D0GB101JA065	100 1/10W	1	
	R5023	D0GBR00J0004	0 1/10W	1	
	R5037	D0GDR00J0004	0 1/8W	1	
	R5038	D0GDR00J0004	0 1/8W	1	
	R6001	D0GB101JA065	100 1/10W	1	
	R6002	D0GB820JA065	82 1/10W	1	
	R6003	D0GB151JA065	150 1/10W	1	
	R6004	D0GB101JA065	100 1/10W	1	
	R6005	D0GB820JA065	82 1/10W	1	
	R6006	D0GB151JA065	150 1/10W	1	
	R6007	D0GB101JA065	100 1/10W	1	
	R6008	D0GB820JA065	82 1/10W	1	
	R6009	D0GB151JA065	150 1/10W	1	
	R6010	D0GB101JA065	100 1/10W	1	
	R6011	D0GB820JA065	82 1/10W	1	
	R6012	D0GB151JA065	150 1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	R6013	D0GB101JA065	100 1/10W	1	
	R6014	D0GB820JA065	82 1/10W	1	
	R6015	D0GB151JA065	150 1/10W	1	
	R6016	D0GB101JA065	100 1/10W	1	
	R6017	D0GB820JA065	82 1/10W	1	
	R6018	D0GB151JA065	150 1/10W	1	
	R6019	D0GB101JA065	100 1/10W	1	
	R6020	D0GB820JA065	82 1/10W	1	
	R6021	D0GB151JA065	150 1/10W	1	
	R6022	D0GB101JA065	100 1/10W	1	
	R6023	D0GB820JA065	82 1/10W	1	
	R6024	D0GB151JA065	150 1/10W	1	
	R6025	D0GB121JA065	120 1/10W	1	
	R6026	D0GB121JA065	120 1/10W	1	
	R6027	D0GB121JA065	120 1/10W	1	
	R6028	D0GB121JA065	120 1/10W	1	
	R6029	D0GB121JA065	120 1/10W	1	
	R6030	D0GB121JA065	120 1/10W	1	
	R6031	D0GB121JA065	120 1/10W	1	
	R6032	D0GB121JA065	120 1/10W	1	
	R6049	D0GBR00J0004	0 1/10W	1	
	R6050	D0GBR00J0004	0 1/10W	1	
	R6051	D0GBR00J0004	0 1/10W	1	
	R6052	D0GBR00J0004	0 1/10W	1	
	R6053	D0GBR00J0004	0 1/10W	1	
	R6054	D0GBR00J0004	0 1/10W	1	
	R6056	D0GBR00J0004	0 1/10W	1	
	R6058	D0GB102JA065	1K 1/10W	1	
	R6060	D0GB103JA065	10K 1/10W	1	
	R6061	D0GB472JA065	4.7K 1/10W	1	
	R6062	D0GB472JA065	4.7K 1/10W	1	
	R6063	D0GB103JA065	10K 1/10W	1	
	R6064	D0GBR00J0004	0 1/10W	1	
	R6101	D0GBR00J0004	0 1/10W	1	
	R6102	D0GBR00J0004	0 1/10W	1	
	R6103	D0GBR00J0004	0 1/10W	1	
	R6104	D0GBR00J0004	0 1/10W	1	
	R6106	D0GB474JA065	470K 1/10W	1	
	R6108	D0GB474JA065	470K 1/10W	1	
	R6109	D0GB331JA065	330 1/10W	1	
	R6110	D0GB331JA065	330 1/10W	1	
	R6200	D0GBR00J0004	0 1/10W	1	
	R6201	D0GB182JA065	1.8K 1/10W	1	
	R6202	D0GB122JA065	1.2K 1/10W	1	
	R6203	D0GB182JA065	1.8K 1/10W	1	
	R6204	D0GB222JA065	2.2K 1/10W	1	
	R6205	D0GBR00J0004	0 1/10W	1	
	R6206	D0GB182JA065	1.8K 1/10W	1	
	R6207	D0GB122JA065	1.2K 1/10W	1	
	R6208	D0GB182JA065	1.8K 1/10W	1	
	R6209	D0GB222JA065	2.2K 1/10W	1	
	R6210	D0GB332JA065	3.3K 1/10W	1	
	R6211	D0GB472JA065	4.7K 1/10W	1	
	R6212	D0GB682JA065	6.8K 1/10W	1	
	R6213	D0GB123JA065	12K 1/10W	1	
	R6214	D0GBR00J0004	0 1/10W	1	
	R6215	D0GB182JA065	1.8K 1/10W	1	
	R6216	D0GB122JA065	1.2K 1/10W	1	
	R6217	D0GB182JA065	1.8K 1/10W	1	
	R6218	D0GB222JA065	2.2K 1/10W	1	
	R6219	D0GB332JA065	3.3K 1/10W	1	
	R6220	D0GB472JA065	4.7K 1/10W	1	
	R6221	D0GB682JA065	6.8K 1/10W	1	
	R6222	D0GB123JA065	12K 1/10W	1	
	R6242	D0GBR00J0004	0 1/10W	1	
	R6243	D0GBR00J0004	0 1/10W	1	
	R6244	D0GBR00J0004	0 1/10W	1	
	R6245	D0GB123JA065	12K 1/10W	1	
	R6246	D0GB223JA065	22K 1/10W	1	
	R6247	D0GBR00J0004	0 1/10W	1	
	R6249	D0GBR00J0004	0 1/10W	1	
	R6250	D0GBR00J0004	0 1/10W	1	
	R6251	D0GBR00J0004	0 1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	R6252	D0GB223JA065	22K 1/10W	1	
	R6253	D0GB123JA065	12K 1/10W	1	
	R6254	D0GBR00J0004	0 1/10W	1	
	R6255	D0GBR00J0004	0 1/10W	1	
	R6300	D0GF330JA048	33 1/4W	1	
	R6301	D0GF390JA048	39 1/4W	1	
	R6303	D0GB122JA065	1.2K 1/10W	1	
	R6304	D0GB473JA065	47K 1/10W	1	
	R6306	D0GBR00J0004	0 1/10W	1	
	R6309	D0GBR00J0004	0 1/10W	1	
	R6310	D0GBR00J0004	0 1/10W	1	
	R6311	D0GBR00J0004	0 1/10W	1	
	R6313	D0GB272JA065	2.7K 1/10W	1	
	R6314	D0GB472JA065	4.7K 1/10W	1	
	R6315	D0GB223JA065	22K 1/10W	1	
	R6316	D0GB473JA065	47K 1/10W	1	
	R6320	D0GBR00J0004	0 1/10W	1	
	R6321	D0GBR00J0004	0 1/10W	1	
	R6322	D0GBR00J0004	0 1/10W	1	
	R6323	D0GBR00J0004	0 1/10W	1	
	R6324	D0GBR00J0004	0 1/10W	1	
	R6325	D0GBR00J0004	0 1/10W	1	
	R6326	D0GBR00J0004	0 1/10W	1	
	R6330	D0GBR00J0004	0 1/10W	1	
	R6401	D0GBR00J0004	0 1/10W	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	
	R8001	D1BB1002A074	10K 1/10W	1	
	R8002	D1BB4701A074	4.7K 1/10W	1	
	R8003	D1BB3302A074	33K 1/10W	1	
	R8004	D0GB185JA065	1.8M 1/10W	1	
	R8005	D0GB102JA065	1K 1/10W	1	
	R8006	D0GBR00J0004	0 1/10W	1	
	R8007	D0GB274JA065	270K 1/10W	1	
	R8008	D0GB103JA065	10K 1/10W	1	
	R8018	D0GBR00J0004	0 1/10W	1	
	R8020	D0GBR00J0004	0 1/10W	1	
	R8021	D0GBR00J0004	0 1/10W	1	
	R8028	D1BB1002A074	10K 1/10W	1	
	R8029	D1BB5602A074	56K 1/10W	1	
	R8030	D0GBR00J0004	0 1/10W	1	
	R8040	D0GB474JA065	470K 1/10W	1	
	R8041	D0GB474JA065	470K 1/10W	1	
	R8042	D0GF1R0JA048	1.0 1/4W	1	
	R8043	D0GF1R0JA048	1.0 1/4W	1	
	R8044	D0GB271JA065	270 1/10W	1	
	R8045	D0GF1R0JA048	1.0 1/4W	1	
	R8046	D0GF1R0JA048	1.0 1/4W	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	
	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	
	R8075	D0GDR00J0004	0 1/8W	1	
	R8076	D0GDR00J0004	0 1/8W	1	
	R8077	D0GDR00J0004	0 1/8W	1	
	R8078	D0GDR00J0004	0 1/8W	1	
	R8079	D0GDR00J0004	0 1/8W	1	
	R8080	D0GBR00J0004	0 1/10W	1	
	R8501	D0GB473JA065	47K 1/10W	1	
	R8502	D0GB123JA065	12K 1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	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	D0AF330JA039	33 1/2W	1	
	R8526	D0GB221JA065	220 1/10W	1	
	R8527	D0GB823JA065	82K 1/10W	1	
	R8528	D0GB101JA065	100 1/10W	1	
	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	
	R8535	D0GB102JA065	1K 1/10W	1	
	R8536	D0GB102JA065	1K 1/10W	1	
	R8539	D0GB680JA065	68 1/10W	1	
	R8540	D0GB470JA065	47 1/10W	1	
	R8541	D0GB470JA065	47 1/10W	1	
	R8543	D0GBR00J0004	0 1/10W	1	
	R8544	D0GB680JA065	68 1/10W	1	
	R8545	D0GB470JA065	47 1/10W	1	
	R8546	D0GB470JA065	47 1/10W	1	
	R9006	D0GB331JA065	330 1/10W	1	
	R9007	D0GB104JA065	100K 1/10W	1	
	R9008	D0GB301JA065	300 1/10W	1	
	R9009	D0GB104JA065	100K 1/10W	1	
			RESISTOR NETWORKS		
	RX1003	D1H81014A042	RESISTOR NETWORK	1	
	RX1004	D1H82224A042	RESISTOR NETWORK	1	
	RX4001	D1H82214A042	RESISTOR NETWORK	1	
	RX5001	D1H81034A042	RESISTOR NETWORK	1	
	RX7001	D1H81024A042	RESISTOR NETWORK	1	
			CAPACITORS		
	C1001	F1H1H104B047	0.1uF 50V	1	
⚠	C1001	F0CAF2240010	0.22uF	1	PU
	C1002	F1H1H104B047	0.1uF 50V	1	
⚠	C1002	F0CAF2240010	0.22uF	1	PU
⚠	C1003	F1BAF1020030	1000pF	1	PU
	C1003	F1H1H104B047	0.1uF 50V	1	GN
⚠	C1004	F1BAF1020030	1000pF	1	PU
	C1004	F1H1H104B047	0.1uF 50V	1	GN
	C1005	F1H1H104B047	0.1uF 50V	1	
⚠	C1005	F1BAF1020030	1000pF	1	GN
	C1006	F1H1H104B047	0.1uF 50V	1	
⚠	C1006	F0CAF2240010	0.22uF	1	PU
⚠	C1007	F1BAF4710005	470pF	1	GN
	C1007	F1H1H104B047	0.1uF 50V	1	PU
⚠	C1007	F1BAF1020030	1000pF	1	PU

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
⚠	C1008	F1BAF4710005	470pF	1	GN
	C1008	F1H1H104B047	0.1uF 50V	1	PU
⚠	C1008	F1BAF1020030	1000pF	1	PU
	C1009	F1H1H104B047	0.1uF 50V	1	
⚠	C1009	F0CAF105A105	1uF	1	GN
⚠	C1010	F0CAF104A105	0.1uF	1	GN
	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	
	C1036	F1H1H102B047	1000pF 50V	1	
	C1037	F1H1H104B047	0.1uF 50V	1	
	C1040	F1H1H104B047	0.1uF 50V	1	
	C1041	F1H1H104B047	0.1uF 50V	1	
	C1042	F1H1C224A178	0.22uF 16V	1	
	C1043	F1H1H223B047	0.022uF 50V	1	
	C1046	F1H1H102B047	1000pF 50V	1	
	C1048	F1H1A225A051	2.2uF 10V	1	
	C1049	F1H1H104B047	0.1uF 50V	1	
	C1050	F1H1H104B047	0.1uF 50V	1	
	C1051	F2A0J331B035	330uF 6.3V	1	
	C1201	F0CZ2225A172	2.2uF	1	
	C1201	F1H1H104B047	0.1uF 50V	1	
	C1202	F0CZ2225A172	2.2uF	1	
	C1202	F1H1H104B047	0.1uF 50V	1	
	C1203	F1H1H104B047	0.1uF 50V	1	
	C1203	F1H1H472B047	4700pF 50V	1	
	C1204	F1H1H104B047	0.1uF 50V	1	
	C1205	F1H1H104B047	0.1uF 50V	1	
	C1206	F1H1H103B047	0.01uF 50V	1	
	C1206	F1H1H104B047	0.1uF 50V	1	
	C1207	F1K1E4750002	4.7uF 25V	1	
	C1208	F1H1H472B047	4700pF 50V	1	
	C1209	F1K1H105A251	1uF 50V	1	
	C1210	F2A1E1010150	100uF 25V	1	
	C1211	F1K2J471A014	470pF 630V	1	
	C1213	F1B3D681A132	680pF 2000V	1	
	C1214	F1H1H103B047	0.01uF 50V	1	
	C1224	F2B2W4710012	470uF 450V	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	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	C1408	F2A1H1R0A213	1.0uF 50V	1	
	C1409	F1H1H472B047	4700pF 50V	1	
	C1411	F1H1H102B047	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	
	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	F2A1E1010150	100uF 25V	1	
	C1503	F1H1H103B047	0.01uF 50V	1	
	C1503	F1K1E4750002	4.7uF 25V	1	
	C1504	F1H1H103B047	0.01uF 50V	1	
	C1505	F1H1H104B047	0.1uF 50V	1	
	C1506	F1K1C4750023	4.7uF 16V	1	
	C1507	F1H1H104B047	0.1uF 50V	1	
	C1507	F2A1E102B396	1000uF 25V	1	
	C1508	F1H1H152B047	1500pF 50V	1	
	C1509	F1H1H104B047	0.1uF 50V	1	
	C1510	F1K1C1060001	10uF 16V	1	
	C1511	F1H1H103B047	0.01uF 50V	1	
	C1512	F1H1H333B047	0.033uF 50V	1	
	C1513	F1B3D221A132	220pF 2000V	1	
	C1514	F1B3D221A132	220pF 2000V	1	
	C1516	F0C2K563A035	0.056uF 800V	1	
⚠	C1518	F1BAF471A215	470pF	1	PU
	C1601	F2A1E221B422	220uF 25V	1	
	C1602	F1H1H104B047	0.1uF 50V	1	
	C1603	F2A1V102B750	1000uF 35V	1	
	C1604	F1K2J471A014	470pF 630V	1	
	C1701	F1H1H103B047	0.01uF 50V	1	
	C1703	F2A1V102B750	1000uF 35V	1	
	C1704	F1H1H104B047	0.1uF 50V	1	
	C1706	F2A1H2220055	2200uF 50V	1	
	C1707	F2A1H2220055	2200uF 50V	1	
	C1710	F1J2E1030004	0.01uF 250V	1	
	C1711	F1J2E1030004	0.01uF 250V	1	
	C1712	F1J2E1030004	0.01uF 250V	1	
	C1713	F1J2E1030004	0.01uF 250V	1	
	C1721	F1H1H103B047	0.01uF 50V	1	
	C1802	F1J1A106A043	10uF 10V	1	
	C1803	F1H1H102B047	1000pF 50V	1	
	C1804	F1H1H102B047	1000pF 50V	1	
	C1809	F1H1H102B047	1000pF 50V	1	
	C1810	F1H1H471B052	470pF 50V	1	
	C1811	F1H1H471B052	470pF 50V	1	
	C1822	F1H1H102B047	1000pF 50V	1	
	C1823	F1H1H102B047	1000pF 50V	1	
	C1824	F1H1H102B047	1000pF 50V	1	
	C1825	F1H1H102B047	1000pF 50V	1	
	C1852	F1H1H104B047	0.1uF 50V	1	
	C1853	F1H1H104B047	0.1uF 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	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	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	F2A1C2200068	22uF 16V	1	
	C4019	F1J1C106A059	10uF 16V	1	
	C4020	F1J1A106A024	10uF 10V	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	
	C4066	F1H1H102B047	1000pF 50V	1	
	C4067	F1H1H102B047	1000pF 50V	1	
	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	
	C4084	F1H1C474A178	0.47uF 16V	1	
	C4085	F1H1C474A178	0.47uF 16V	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	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	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	
	C4265	F1H1H332B047	3300pF 50V	1	
	C4266	F1H1H332B047	3300pF 50V	1	
	C4267	F1H1H332B047	3300pF 50V	1	
	C4268	F1H1H332B047	3300pF 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	F0A1H474A095	0.47uF 50V	1	PU
	C4291	F0A1H225A095	2.2uF 50V	1	GN
	C4292	F0A1H474A095	0.47uF 50V	1	PU
	C4292	F0A1H225A095	2.2uF 50V	1	GN
	C4293	F0A1H474A095	0.47uF 50V	1	PU
	C4293	F0A1H225A095	2.2uF 50V	1	GN
	C4294	F0A1H474A095	0.47uF 50V	1	PU
	C4294	F0A1H225A095	2.2uF 50V	1	GN
	C4501	F1H0J225A020	2.2uF 6.3V	1	
	C4502	F1H0J225A020	2.2uF 6.3V	1	
	C4503	F1J1C106A059	10uF 16V	1	
	C4504	F1H1H222B047	2200pF 50V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	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	
	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	F0A1H105A095	1uF 50V	1	PU
	C4585	F0A1H225A095	2.2uF 50V	1	GN
	C4586	F0A1H105A095	1uF 50V	1	PU
	C4586	F0A1H225A095	2.2uF 50V	1	GN
	C4587	F0A1H105A095	1uF 50V	1	PU
	C4587	F0A1H225A095	2.2uF 50V	1	GN
	C4588	F0A1H105A095	1uF 50V	1	PU
	C4588	F0A1H225A095	2.2uF 50V	1	GN

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	C4599	D0GBR00J0004	0 1/10W	1	
	C4619	F1H1H104B047	0.1uF 50V	1	GN
	C4620	F1H1H104B047	0.1uF 50V	1	GN
	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	
	C4920	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	
	C6001	F1H1C104A178	0.1uF 16V	1	
	C6002	F1H0J1060006	10uF 6.3V	1	
	C6007	F1H1C104A178	0.1uF 16V	1	
	C6012	F1H0J1060006	10uF 6.3V	1	
	C6101	F1H1H104B047	0.1uF 50V	1	
	C6103	F1H1H104B047	0.1uF 50V	1	
	C6200	F1H1H101B052	100pF 50V	1	
	C6201	F1H1H101B052	100pF 50V	1	
	C6209	F1H1H101B052	100pF 50V	1	
	C6210	F1H1H101B052	100pF 50V	1	
	C6300	F1J1E105A287	1uF 25V	1	
	C6301	F1J1H105A918	1uF 50V	1	
	C6302	F1J1E105A287	1uF 25V	1	
	C6303	F1H1H104B047	0.1uF 50V	1	
	C6304	F1H1H104B047	0.1uF 50V	1	
	C6305	F2A1V470B125	47uF 35V	1	
	C6306	F1J1E105A287	1uF 25V	1	
	C6307	F1H1H104B047	0.1uF 50V	1	
	C6311	F1H1H105B027	1uF 50V	1	
	C6312	F1H1H105B027	1uF 50V	1	
	C6330	F1H1H105B027	1uF 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	
	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	F1K1E1060009	10uF 25V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Qty	Remarks
	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	
	C8018	F1H0J1060006	10uF 6.3V	1	
	C8019	F1H1H105B027	1uF 50V	1	
	C8023	F1H1H104B047	0.1uF 50V	1	
	C8024	F1H1H105B027	1uF 50V	1	
	C8026	F1K1C2260001	22uF 16V	1	
	C8027	F1K1C2260001	22uF 16V	1	
	C8029	F1K1E1060009	10uF 25V	1	
	C8030	F1K1E1060009	10uF 25V	1	
	C8031	F2A1A1020056	1000uF 10V	1	
	C8033	F1H1H104B047	0.1uF 50V	1	
	C8035	F1G1A1050004	1uF 10V	1	
	C8036	F1G1A1050004	1uF 10V	1	
	C8037	F1H1H103B047	0.01uF 50V	1	
	C8038	F1G1H561A541	560pF 50V	1	
	C8039	F1G1H103A835	0.01uF 50V	1	
	C8040	F1H1H104B047	0.1uF 50V	1	
	C8041	F1H1H104B047	0.1uF 50V	1	
	C8044	F1J1E106A253	10uF 25V	1	
	C8045	F1H1H473B047	0.047uF 50V	1	
	C8046	F1H1H104B047	0.1uF 50V	1	
	C8052	F1H1H104B047	0.1uF 50V	1	
	C8054	F2A1E102B396	1000uF 25V	1	
	C8055	F1J1A106A043	10uF 10V	1	
	C8057	F1J1A106A043	10uF 10V	1	
	C8061	F2A1H220B411	22uF 50V	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	
	C8084	F1H1H103B047	0.01uF 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	F2A0J4700054	47uF 6.3V	1	
	C8515	F2A0J4700054	47uF 6.3V	1	
	C8516	F2A1A1010132	100uF 10V	1	
	C8517	F2A0J4700054	47uF 6.3V	1	
	C8518	F2A1A1010132	100uF 10V	1	
	C9002	F1H1H102B047	1000pF 50V	1	
	C9004	F1H1H102B047	1000pF 50V	1	
	C9005	F1H1H102B047	1000pF 50V	1	
	C9006	F1H1H102B047	1000pF 50V	1	

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