

ZS-RS70BT/RS70BTB

SERVICE MANUAL

Ver. 1.0 2013.08

AEP Model
UK Model
ZS-RS70BTB
E Model
ZS-RS70BT



Photo: ZS-RS70BT

Model Name Using Similar Optical Pick-up Block	NEW
Optical Pick-up Block Name	EM101 RNSZS

SPECIFICATIONS

CD player section

System
Compact disc digital audio system
Laser diode properties
Emission duration: Continuous
Laser output: Less than 44.6 μ W
(This output is the value measurement at a distance of 200 mm from the objective lens surface on the optical pick-up block with 7 mm aperture.)
Number of channels
2
Frequency response
20 Hz — 20,000 Hz +1/-2 dB
Wow and flutter
Below measurable limit

Bluetooth section

Communication System
Bluetooth Specification Version 3.0
Output
Bluetooth Specification Power Class 2
Maximum communication range
Line of sight approx. 10 m^{*1}
Frequency band
2.4 GHz band (2.4000 GHz — 2.4835 GHz)
Modulation method
FHSS
Supported Bluetooth Profiles^{*2}
A2DP (Advanced Audio Distribution Profile)
AVRCP³ (Audio/Video Remote Control Profile)
Supported codec^{*4}
SBC (Subband Codec)
^{*1} The actual range will vary depending on factors such as obstacles between devices, magnetic fields around a microwave oven, static electricity, reception sensitivity, aerial performance, operating system, application software, etc.
^{*2} Bluetooth standard profiles provide the specifications for Bluetooth communication between devices.
^{*3} Some operations may not be available depending on the device.
^{*4} Codec: Audio signal compression and conversion format

Radio section (RS70BT)

Frequency range
Uruguay, Paraguay, Peru, Chile and Bolivia models
FM: 87.5 MHz — 108 MHz (100 kHz step)
87.5 MHz — 108 MHz (50 kHz step)
AM: 530 kHz — 1,610 kHz (10 kHz step)
531 kHz — 1,602 kHz (9 kHz step)
Latin American models except for Uruguay, Paraguay, Peru, Chile, Bolivia and Brazil models
FM: 87.5 MHz — 108 MHz (100 kHz step)
AM: 530 kHz — 1,710 kHz (10 kHz step)

Intermediate frequency
FM: 128 kHz
AM: 45 kHz
Antennas
FM: Telescopic antenna
AM: Built-in ferrite bar antenna

Radio section (RS70BTB)

Frequency range
DAB (Band-III): 174.928 MHz — 239.200 MHz
FM: 87.5 MHz — 108 MHz (50 kHz step)
Intermediate frequency
DAB (Band-III): 2.048 MHz
FM: 2.198 MHz

DAB (Band-III) frequency table (MHz)

Channel	Frequency	Channel	Frequency
5A	174.928	10N	210.096
5B	176.640	10B	211.648
5C	178.352	10C	213.360
5D	180.064	10D	215.072
6A	181.936	11A	216.928
6B	183.648	11N	217.088
6C	185.360	11B	218.640
6D	187.072	11C	220.352
7A	188.928	11D	222.064
7B	190.640	12A	223.936
7C	192.352	12N	224.096
7D	194.064	12B	225.648
8A	195.936	12C	227.360
8B	197.648	12D	229.072
8C	199.360	13A	230.784
8D	201.072	13B	232.496
9A	202.928	13C	234.208
9B	204.640	13D	235.776
9C	206.352	13E	237.488
9D	208.064	13F	239.200
10A	209.936		

Antenna
Telescopic antenna

Input

AUDIO IN
Stereo mini jack
⏏ (USB) port
Type A, maximum current 500 mA, USB 2.0 Full Speed compatible

Output

⏏ (headphones) stereo mini jack
For 16 Ω — 32 Ω impedance headphones

Supported audio formats

Supported bit rates
MP3 (MPEG 1 Audio Layer-3):
32 kbps — 320 kbps, VBR
WMA:
48 kbps — 192 kbps, VBR
Sampling frequencies
MP3 (MPEG 1 Audio Layer-3):
32/44.1/48 kHz
WMA:
32/44.1/48 kHz

General (RS70BT)

Speaker
Full range, 8 cm dia., 3.2 Ω , cone type (2)
Power output
2.3 W + 2.3 W (at 3.2 Ω , 10% harmonic distortion)
Power requirements
Uruguay, Paraguay, Peru, Chile and Bolivia models
230 V AC, 50 Hz (AC power supply)
9 V DC (6 R14 (size C) batteries)
Latin American models except for Uruguay, Paraguay, Peru, Chile, Bolivia and Brazil models
120 V AC, 60 Hz (AC power supply)
9 V DC (6 R14 (size C) batteries)

Power consumption

AC 16 W

Battery Life

^{1, *2}
Playback of CD
Approx. 7.5 hours
Playback of USB device
Approx. 7 hours (at 100 mA load)
Approx. 3.5 hours (at 500 mA load)
FM reception
Approx. 19 hours
Bluetooth
Approx. 10 hours

^{*1} Measured by Sony standards. The actual battery life may vary depending on the circumstances of the unit or operating conditions.
^{*2} When using Sony alkaline batteries

Dimensions
Approx. 380 mm \times 158 mm \times 235 mm (W/H/D)
(incl. projecting parts)

Mass
Approx. 3.3 kg (incl. batteries)

General (RS70BTB)

Speaker
Full range, 8 cm dia., 3.2 Ω , cone type (2)
Power output
2.3 W + 2.3 W (at 3.2 Ω , 10% harmonic distortion)
Power requirements
230 V AC, 50 Hz (AC power supply)
9 V DC (6 R14 (size C) batteries)
Power consumption
AC 16 W

Battery Life

^{1, *2}
Playback of CD
Approx. 7.5 hours
Playback of USB device
Approx. 7 hours (at 100 mA load)
Approx. 3.5 hours (at 500 mA load)
DAB reception
Approx. 9 hours
FM reception
Approx. 9 hours
Bluetooth
Approx. 10 hours

^{*1} Measured by Sony standards. The actual battery life may vary depending on the circumstances of the unit or operating conditions.

^{*2} When using Sony alkaline batteries

Dimensions

Approx. 380 mm \times 158 mm \times 235 mm (W/H/D)
(incl. projecting parts)

Mass

Approx. 3.3 kg (incl. batteries)

Supplied accessories

AC power cord (1)
Protecting sheet (1)

Design and specifications are subject to change without notice.

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PERSONAL AUDIO SYSTEM

SONY®

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- Android is a trademark of Google Inc.
- Other trademarks and trade names are those of their respective owners. In this manual, ™ and ® marks are not specified.

NOTES ON CHIP COMPONENT REPLACEMENT

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

SAFETY-RELATED COMPONENT WARNING!

COMPONENTS IDENTIFIED BY MARK \triangle OR DOTTED LINE WITH MARK \triangle ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

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Accessories are given in the last of the electrical parts list.

SECTION 1 SERVICING NOTES

NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic break-down because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body. During repair, pay attention to electrostatic break-down and also use the procedure in the printed matter which is included in the repair parts.

The flexible board is easily damaged and should be handled with care.

NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pickup block. Therefore, when checking the laser diode emission, observe from more than 30 cm away from the objective lens.

UNLEADED SOLDER

Boards requiring use of unleaded solder are printed with the lead-free mark (LF) indicating the solder contains no lead.

(Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size)

: LEAD FREE MARK

Unleaded solder has the following characteristics.

- Unleaded solder melts at a temperature about 40 °C higher than ordinary solder.

Ordinary soldering irons can be used but the iron tip has to be applied to the solder joint for a slightly longer time.

Soldering irons using a temperature regulator should be set to about 350 °C.

Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!

- Strong viscosity
Unleaded solder is more viscous (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.
- Usable with ordinary solder
It is best to use only unleaded solder but unleaded solder may also be added to ordinary solder.

NOTE OF REPLACING THE IC801 ON THE MAIN BOARD

IC801 on the MAIN board cannot exchange with single. When this part is damaged, exchange the complete mounted board.

TEST DISCS

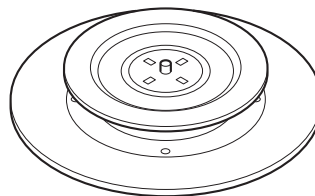
Use following TEST DISC (for CD) when this unit confirms the operation and checks it.

Part No.	Description
3-702-101-01	DISC (YEDS-18), TEST
4-225-203-01	DISC (PATD-012), TEST

CHUCK PLATE JIG ON REPAIRING

On repairing CD section, playing a disc without the CD lid, use CHUCK PLATE JIG.

Part No.	Description
X-4918-255-1	CHUCK PLATE JIG



LASER DIODE AND FOCUS SEARCH OPERATION CHECK

During normal operation of the equipment, emission of the laser diode is prohibited unless the upper lid is closed while turning on the S801 (push switch type).

The following checking method for the laser diode is operable.

• Method

Emission of the laser diode is visually checked.

1. Open the CD lid.
2. Press the [POWER] (Except AEP and UK models)/[OPERATE] (AEP and UK models) button to turn the power on.
3. Press the [CD] button to select CD function.
4. Push the S801 as shown in Fig.1.

Note: Do not push the detection lever strongly, or it may be bent or damaged.

5. Check the object lens for confirming normal emission of the laser diode. If not emitting, there is a trouble in the automatic power control circuit or the optical pickup.
In this operation, the object lens will move up and down 2 times along with inward motion for the focus search.

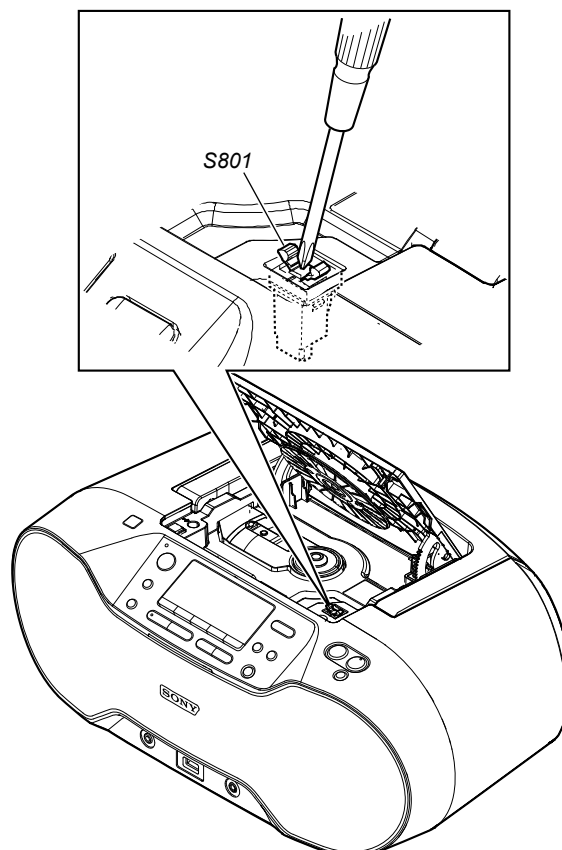
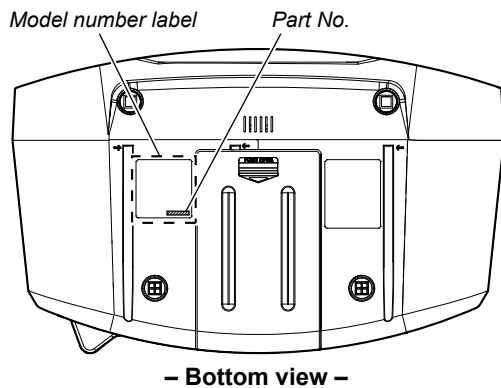


Fig. 1. Method to push the S801

MODEL IDENTIFICATION

Distinguish the destination by referring to the model number label.



Model	Part No.
RS70BT: MX model	4-470-553-0□
RS70BTB: AEP and UK models	4-470-560-0□
RS70BT: E41 model	4-474-744-0□
RS70BT: E92 model	No Label

• Abbreviation

- E41: Bolivian, Chilean, Paraguayan, Peruvian and Uruguayan models
- E92: Venezuelan, Panamanian, Honduran, Guatemalan, Colombian, Costa Ri-ca, Dominican, Ecuadorean and El Salvador models
- MX: Mexican model

NOTE OF REPLACING THE Bluetooth MODULE OR RC-S711 (NFC)

The Bluetooth module or the RC-S711 (NFC) cannot exchange with single. Exchange at the same time the Bluetooth module and the RC-S711 (NFC). And, when the Bluetooth module and the RC-S711 (NFC) are exchanged, it is necessary to check that pairing is performed normally.

Please perform checking of operations in the following procedure. Note: Please be sure to initialize the pairing information after checking pairing.

Necessary machinery and material

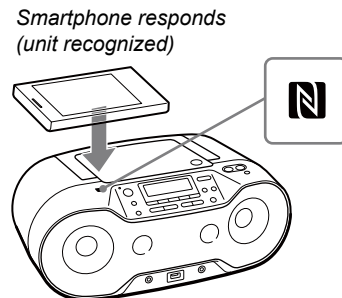
- NFC-compatible smartphone

If the smartphone OS is Android 2.3.3 or later, but earlier than Android 4.1, download and install the app “NFC Easy Connect” on the smartphone.

Connecting method

Procedure:

1. Turn on the NFC function of the smartphone.
2. If the smartphone OS is Android 2.3.3 or later, but earlier than Android 4.1, start the app “NFC Easy Connect” on the smartphone.
3. Press the [POWER] (Except AEP and UK models)/[OPERATE] (AEP and UK models) button to turn the power on.
4. Press the [PAIRING BLUETOOTH] button to select Bluetooth function.
5. Touch the N mark of unit with the smartphone.



6. When the Bluetooth connection is complete, the message “BT AUDIO” appears.

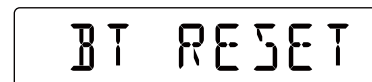


7. Start music playback on the smartphone, then adjust the volume, and checks that sound is outputted from the unit.

Bluetooth information initializing method

Procedure:

1. Press the [POWER] (Except AEP and UK models)/[OPERATE] (AEP and UK models) button to turn the power on.
2. Press the [PAIRING BLUETOOTH] button to select Bluetooth function.
3. Press and hold (about 2seconds) the [ERASE] button.
4. The message “BT RESET” appears on the liquid crystal display.



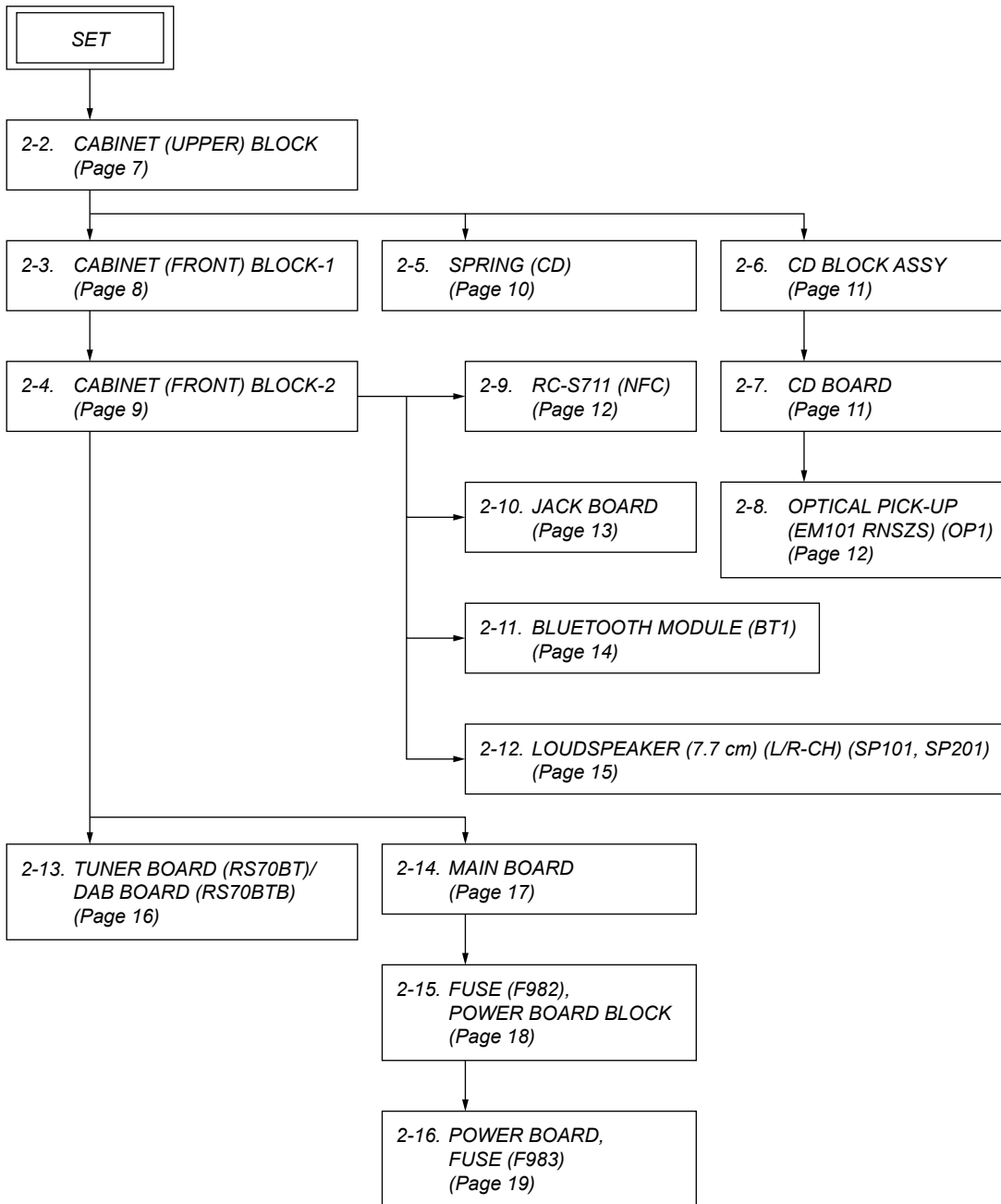
5. Press the [ENTER] button, and the message “BT RESET” is blink.
6. The message “COMPLETE” appears and initialization is performed, and release from this mode.



SECTION 2 DISASSEMBLY

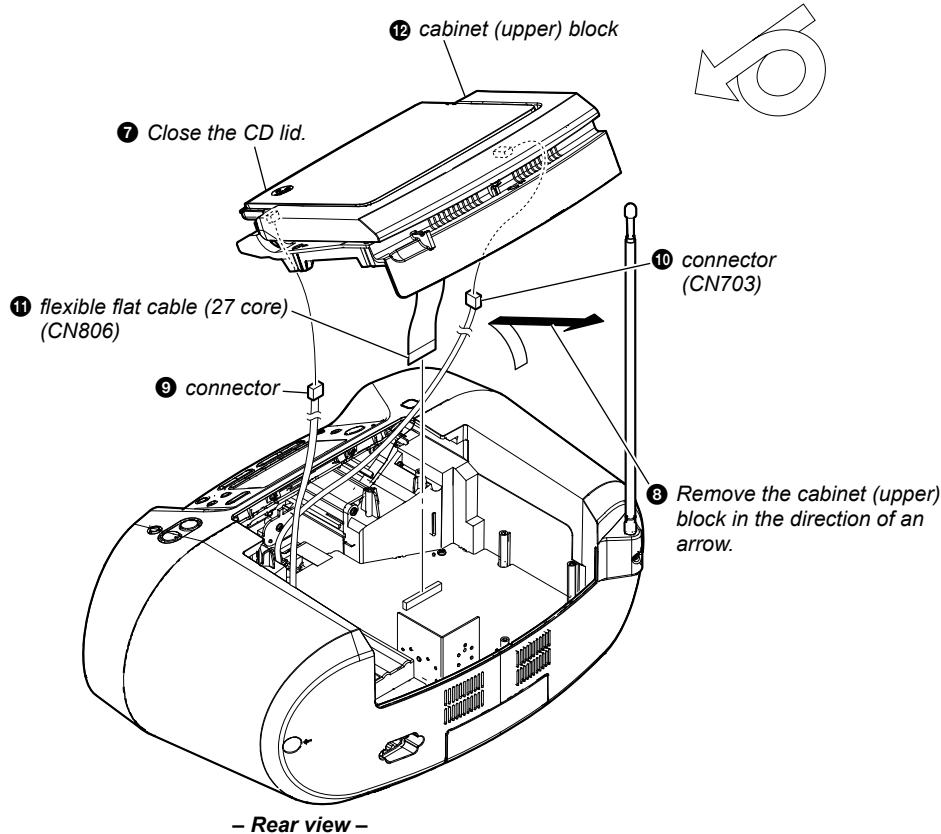
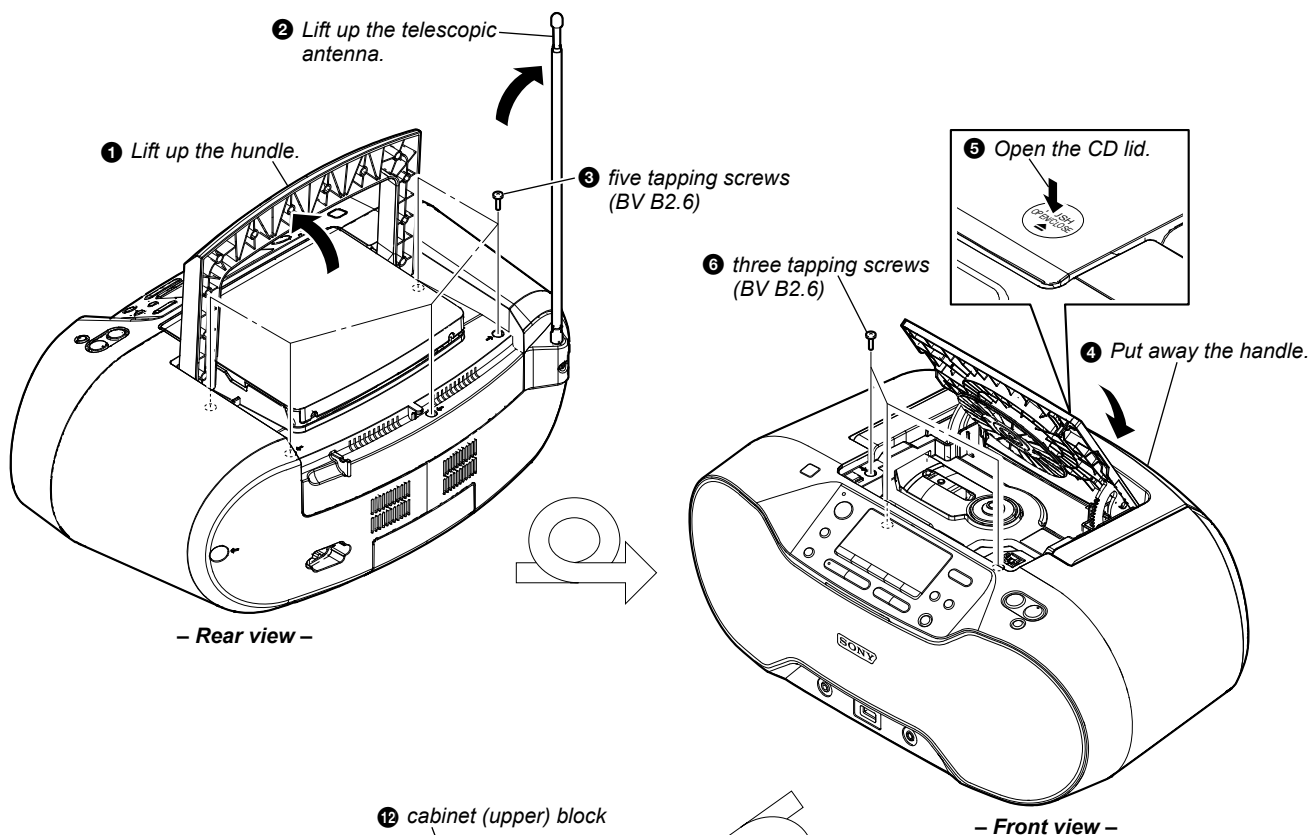
- This set can be disassembled in the order shown below.

2-1. DISASSEMBLY FLOW



Note: Follow the disassembly procedure in the numerical order given.

2-2. CABINET (UPPER) BLOCK



Note: When installing the flexible flat cable, ensure the colored line. No slanting after insertion.

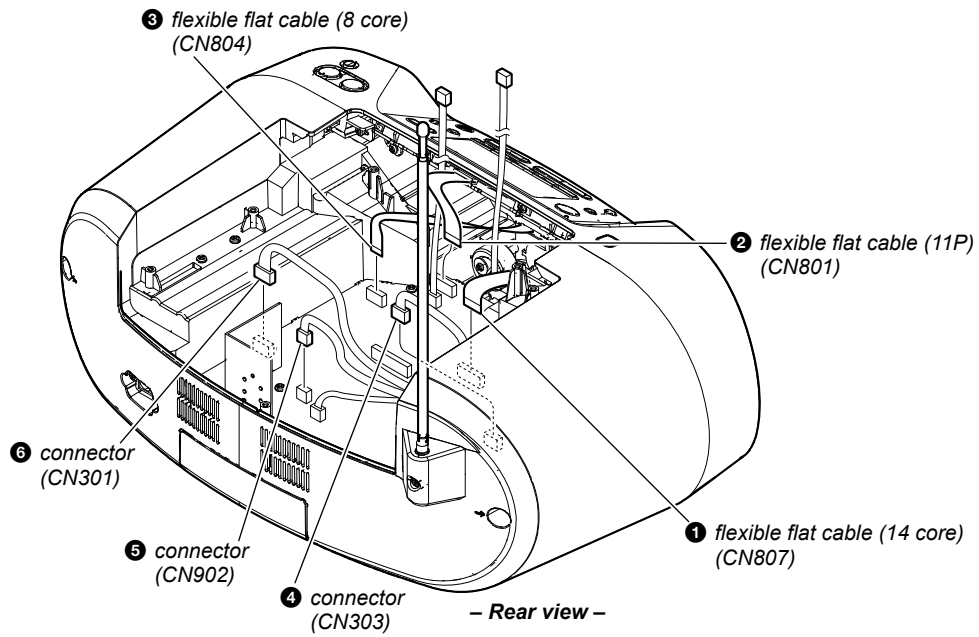
OK

Insert is straight to the interior.

NG

Insert is incline

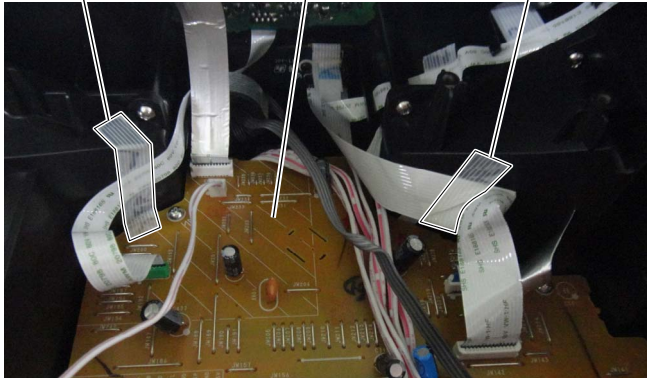
2-3. CABINET (FRONT) BLOCK-1



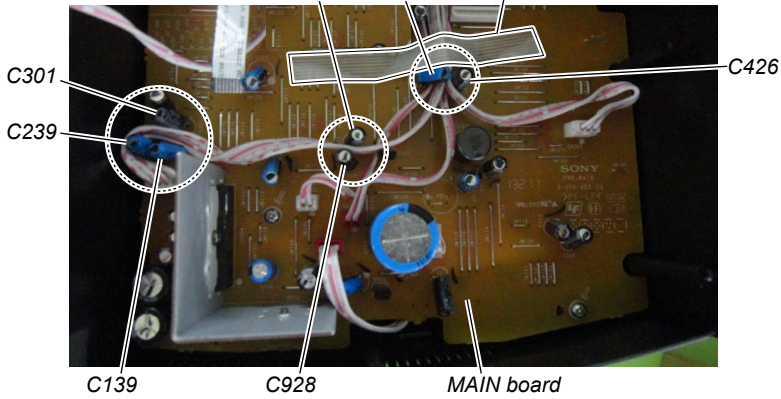
• Wire setting

- Top view -

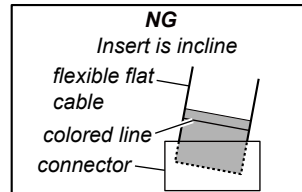
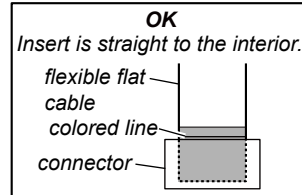
tape (sub material) MAIN board tape (sub material)



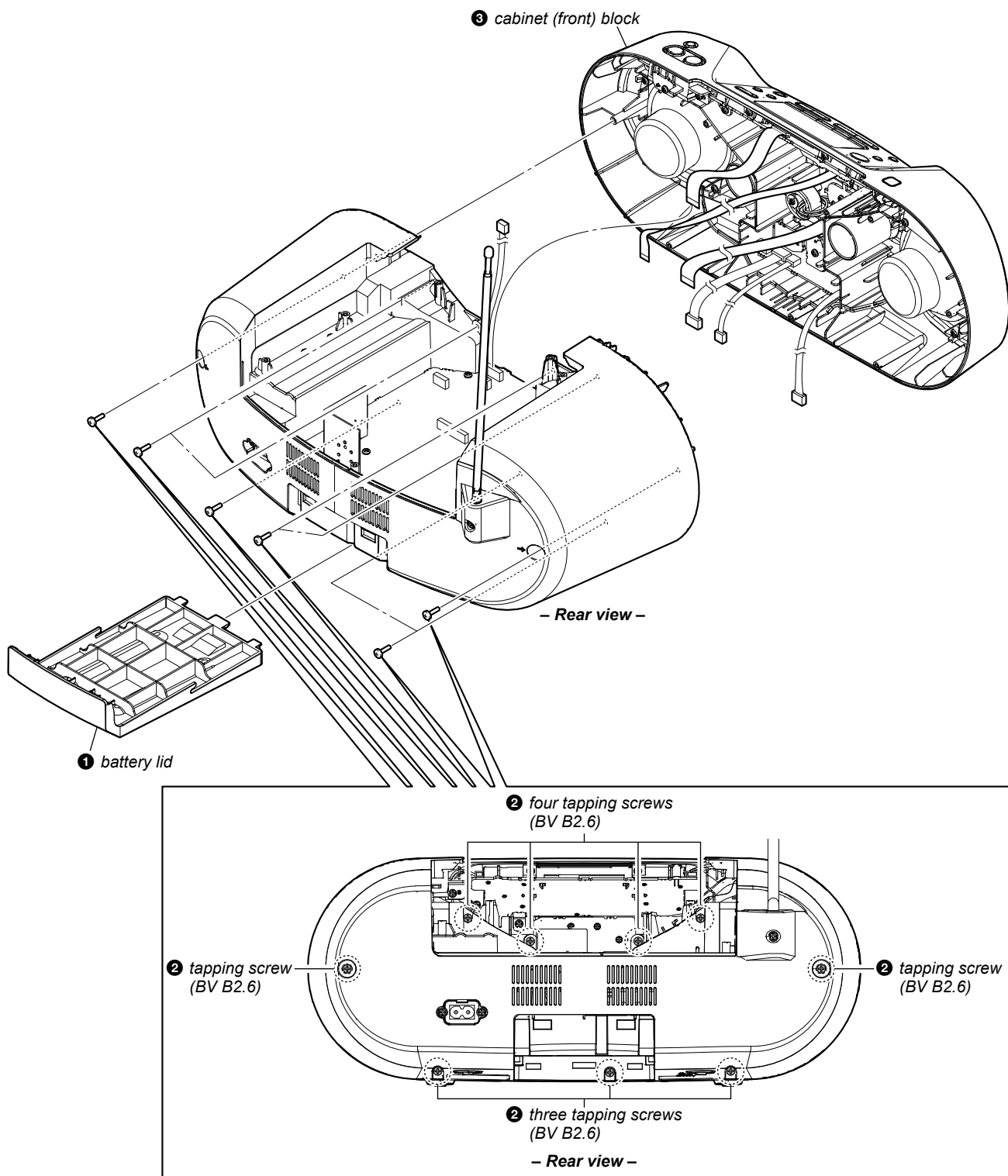
C932 C720 tape (sub material)



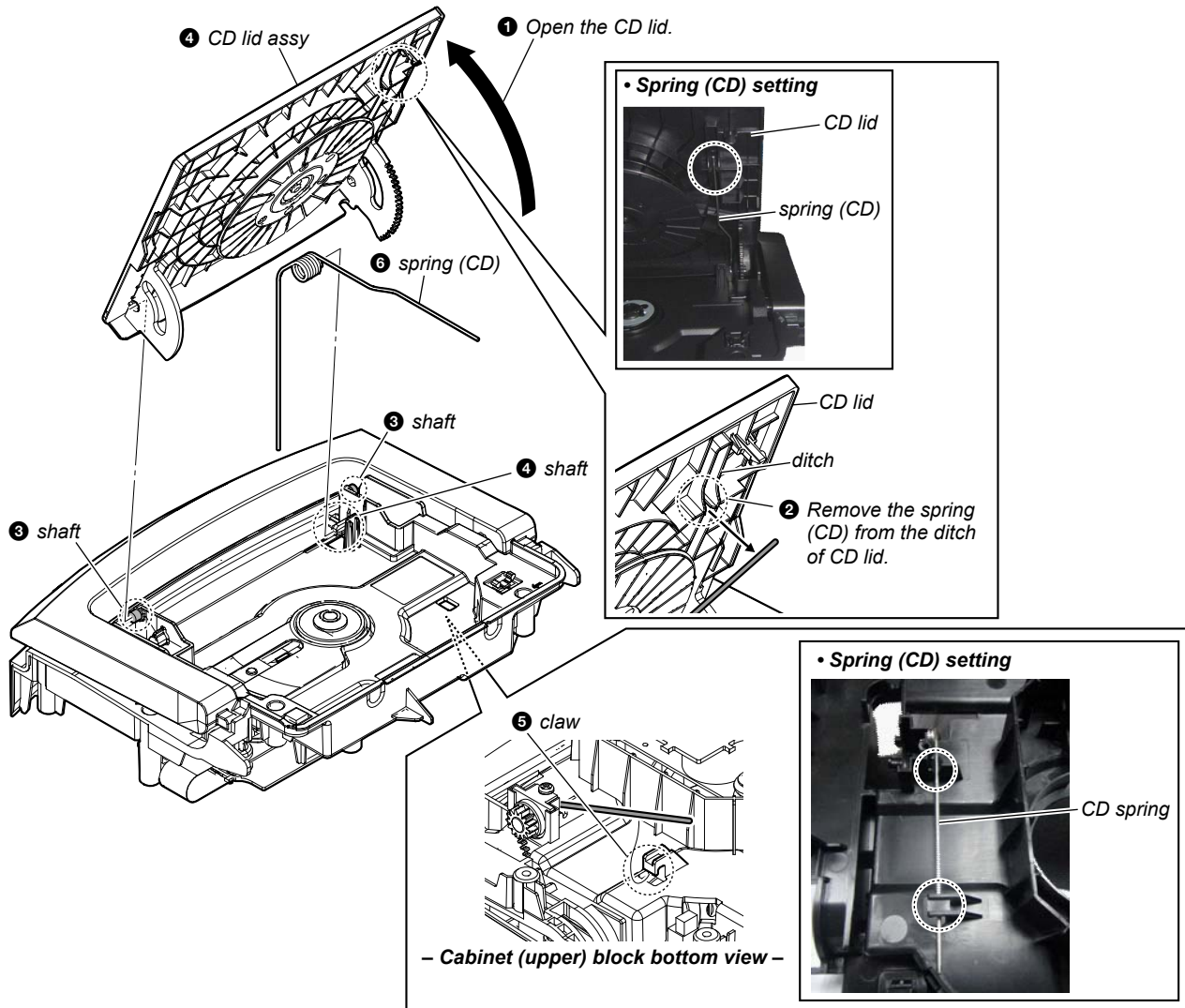
Note: When installing the flexible flat cable, ensure the colored line. No slanting after insertion.



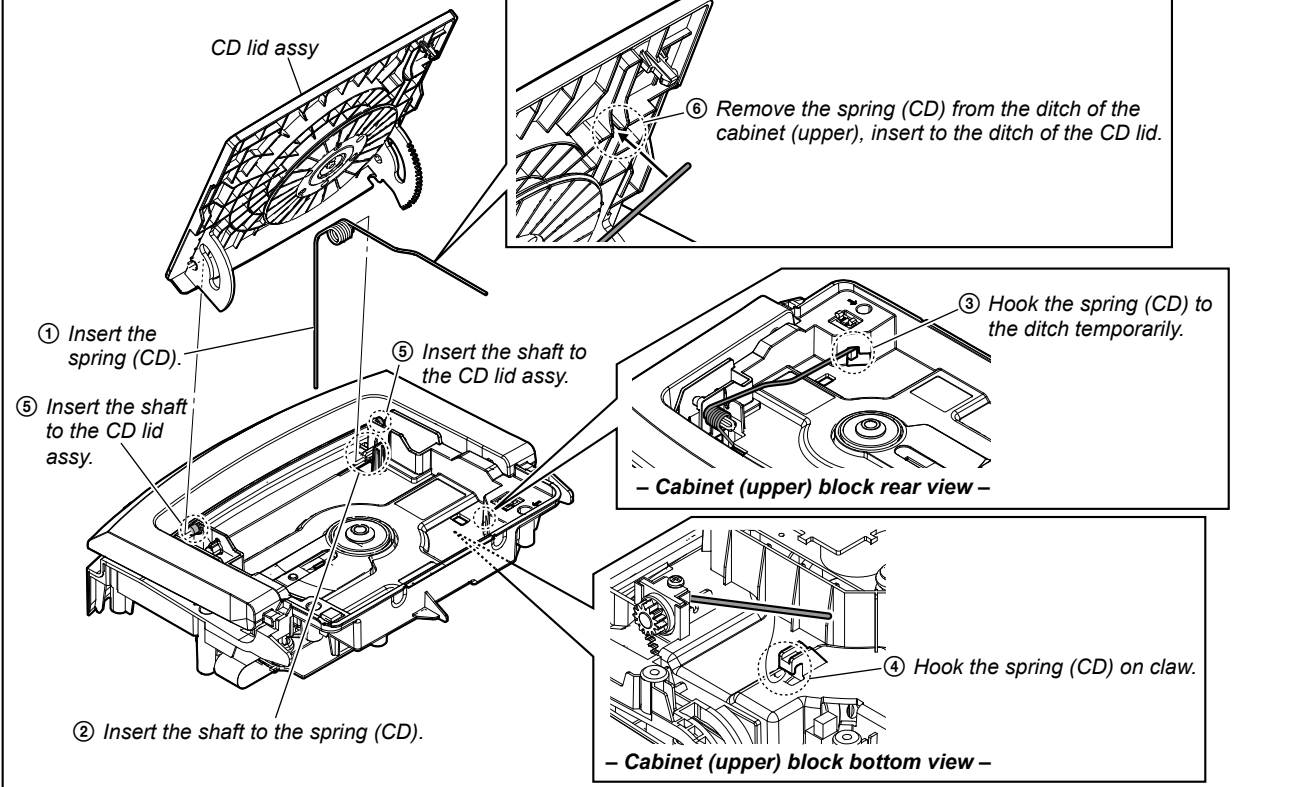
2-4. CABINET (FRONT) BLOCK-2



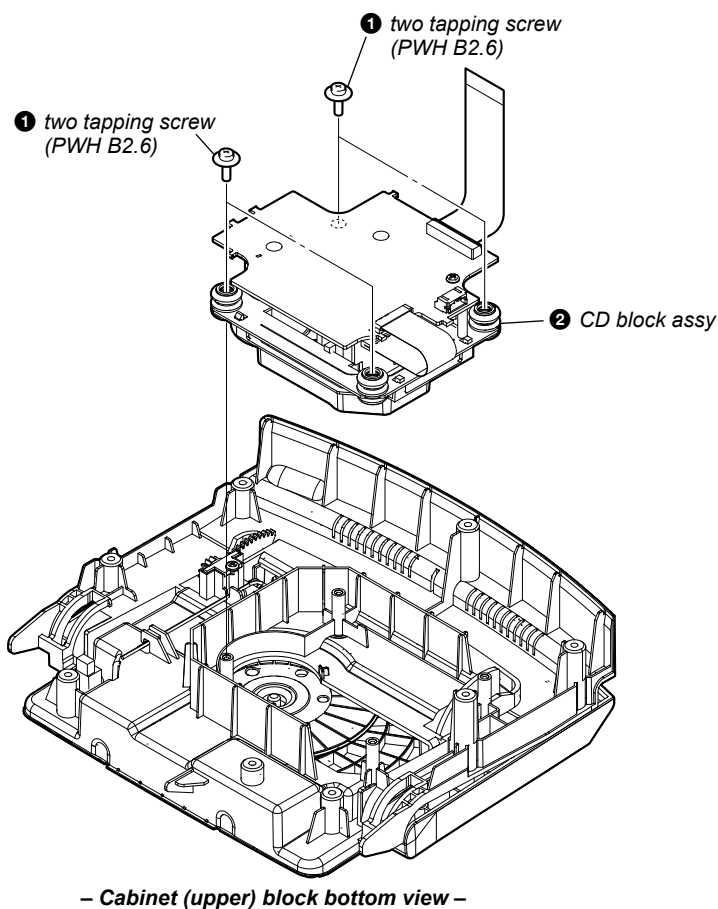
2-5. SPRING (CD)



• Assembling procedure of the spring (CD)

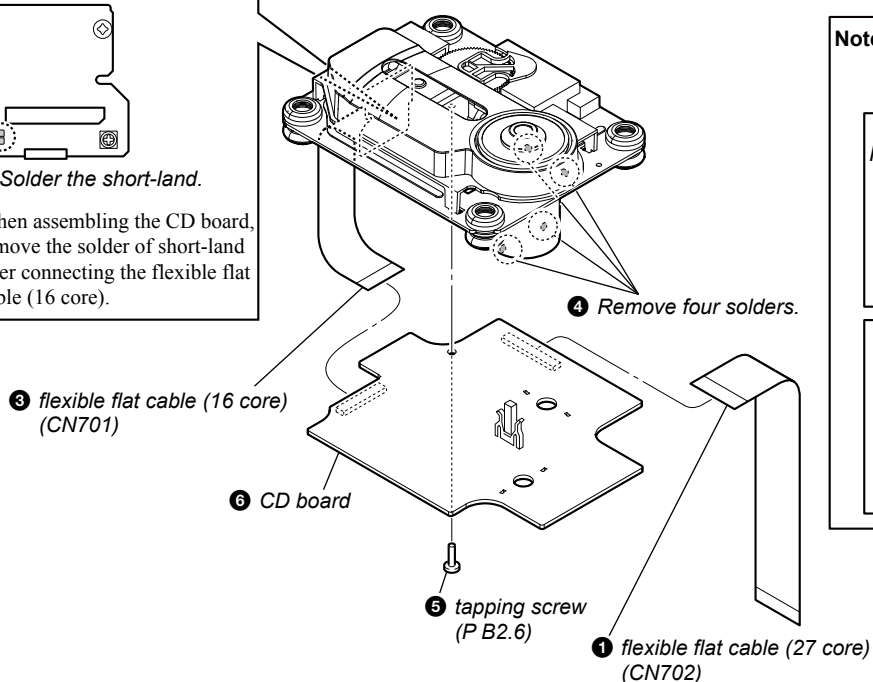
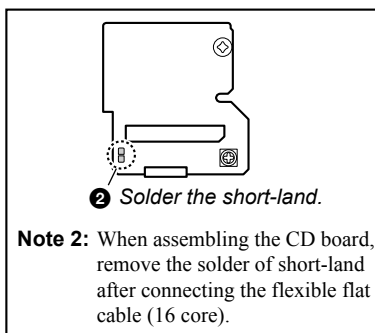


2-6. CD BLOCK ASSY

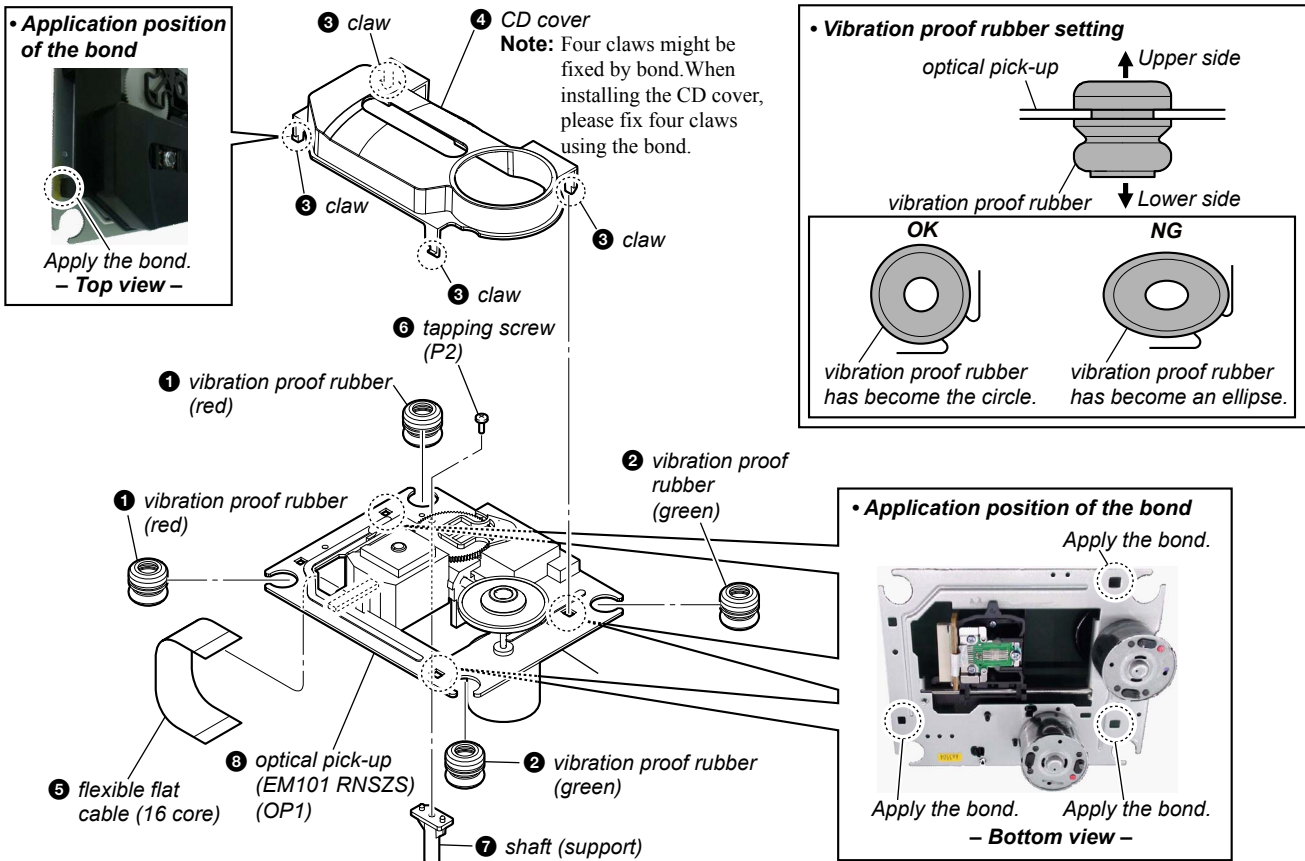


2-7. CD BOARD

Note 1: Before disconnecting the flexible flat cable (16 core) of optical pick-up block, solder the short-land.

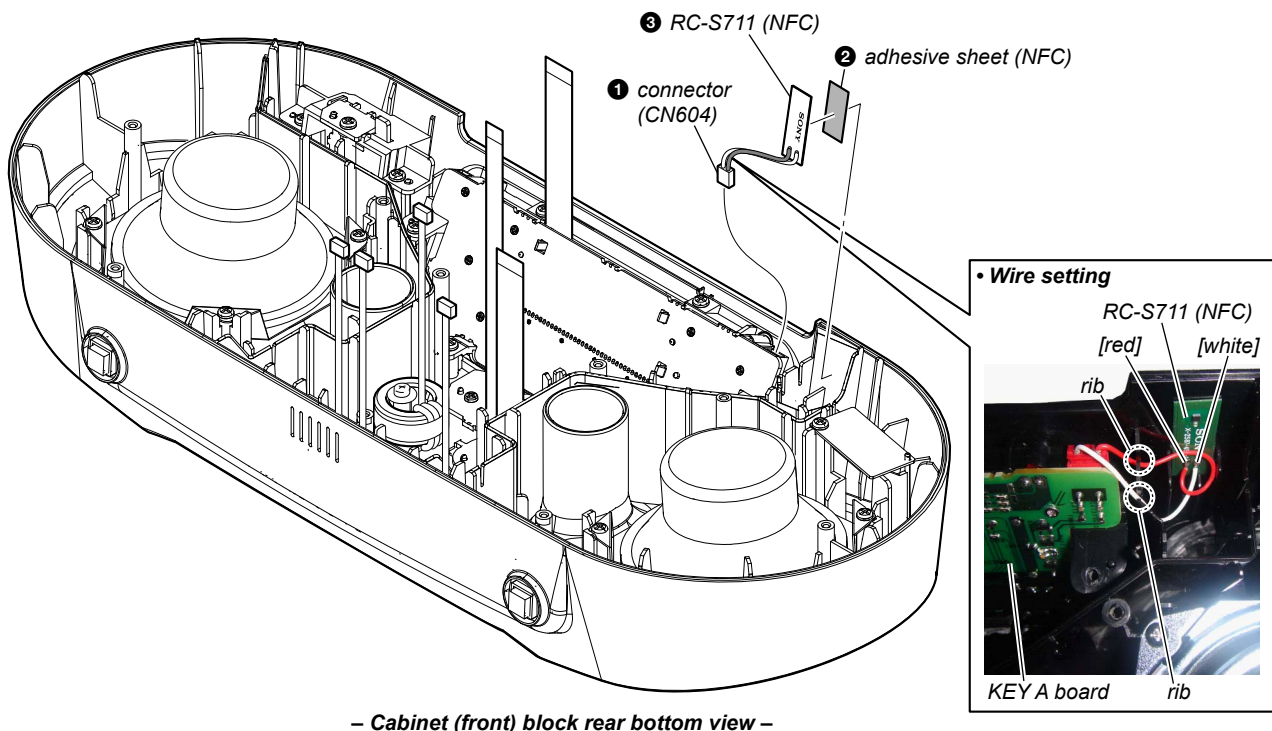


2-8. OPTICAL PICK-UP (EM101 RNSZS) (OP1)

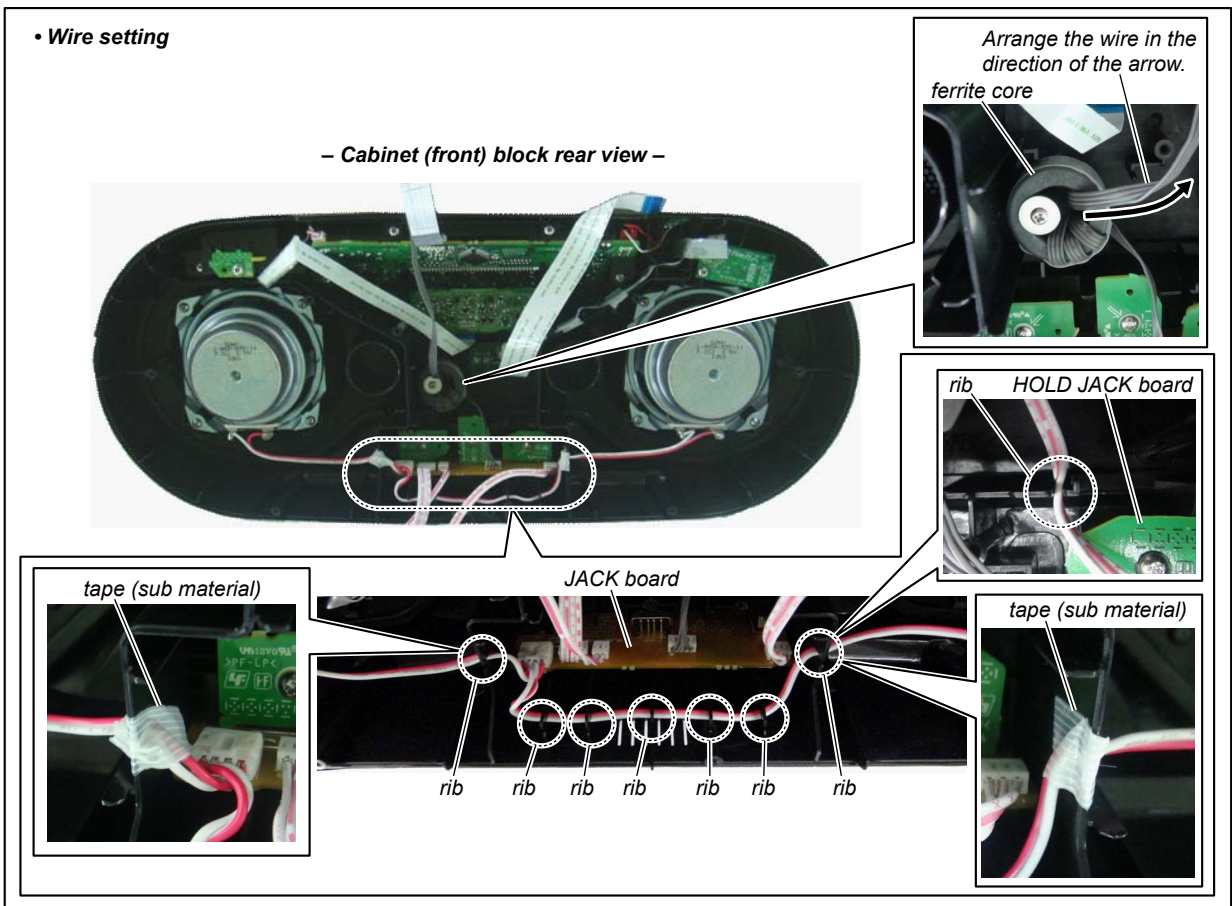
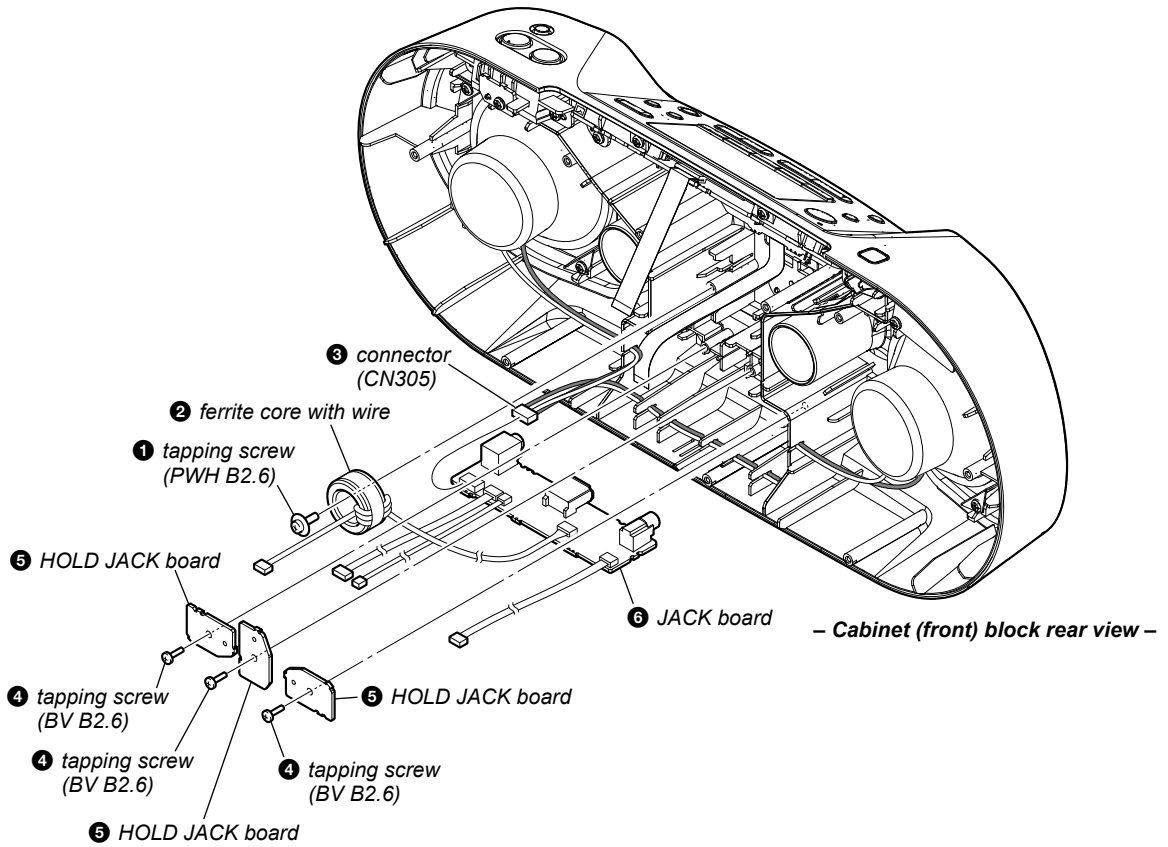


2-9. RC-S711 (NFC)

Note: When RC-S711 (NFC) is replaced, refer to “NOTE OF REPLACING THE Bluetooth MODULE OR RC-S711 (NFC)” on page 5.



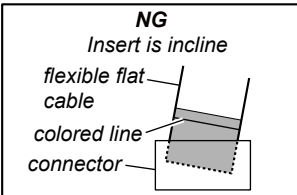
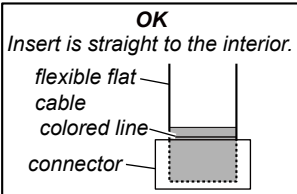
2-10. JACK BOARD



2-11. BLUETOOTH MODULE (BT1)

Note 1: When Bluetooth module is replaced, refer to “NOTE OF REPLACING THE Bluetooth MODULE OR RC-S711 (NFC)” on page 5.

Note 2: When installing the flexible flat cable, ensure the colored line. No slanting after insertion.



③ Remove the SOFT board block in the direction of an arrow.

⑤ SOFT board block

② tapping screw (P B2.6)

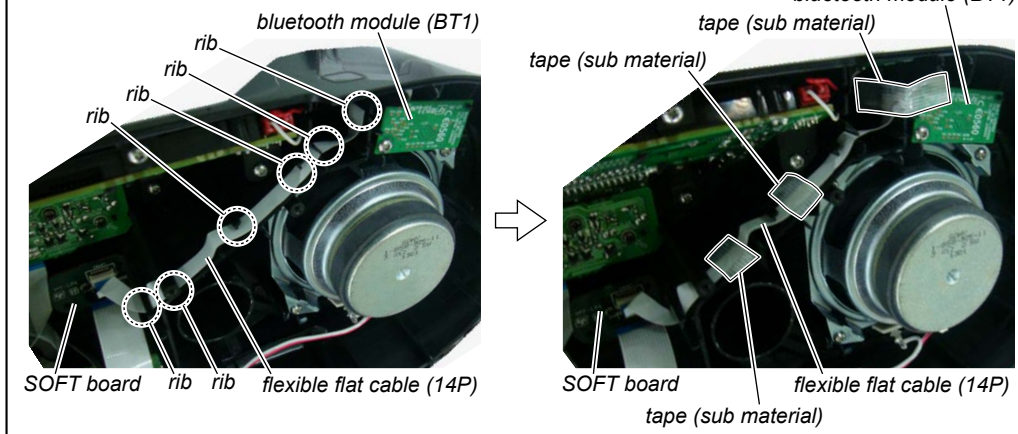
① tapping screw (BV B2.6)

④ flexible flat cable (14P)

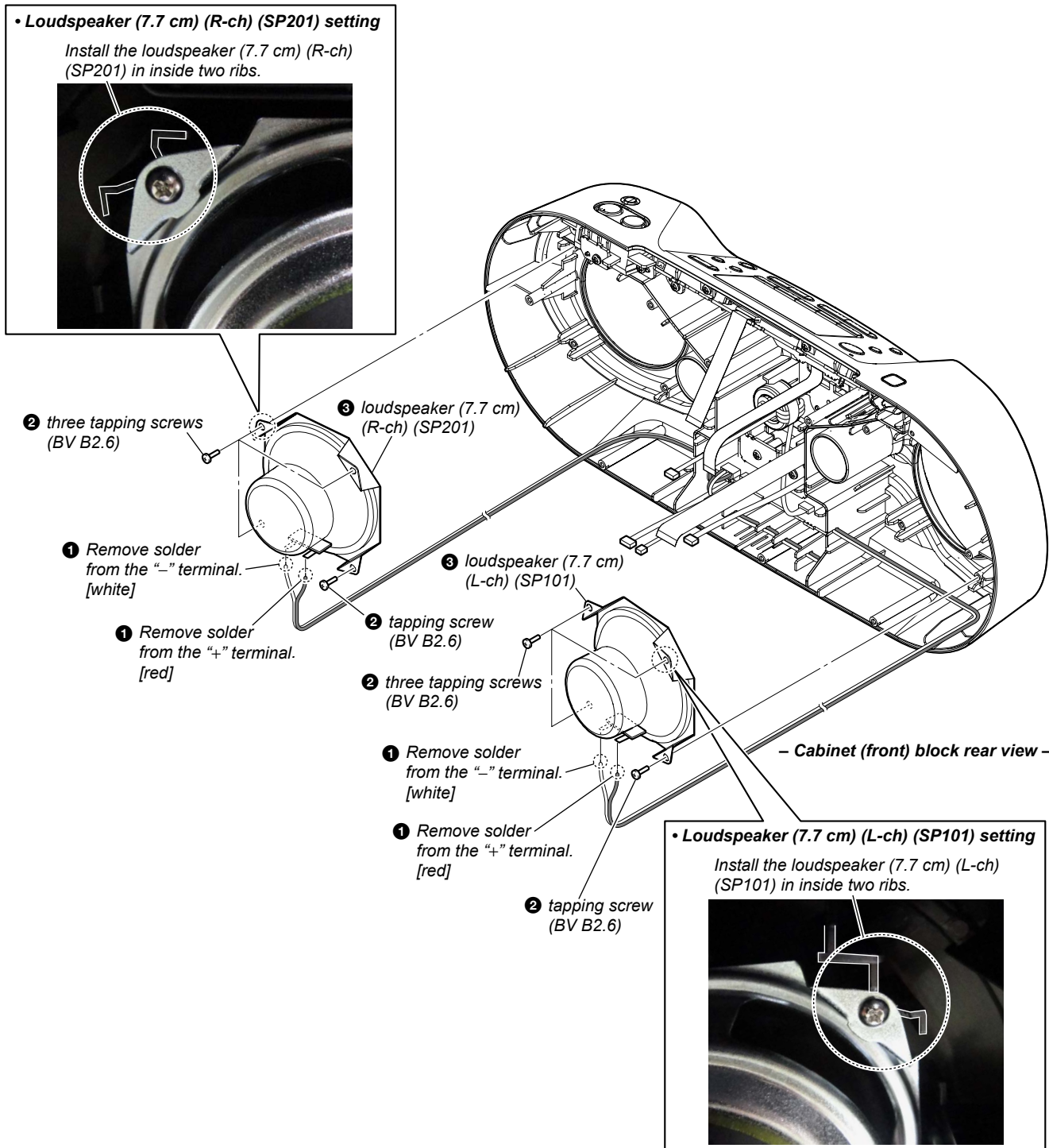
⑥ bluetooth module (BT1)

– Cabinet (front) block rear view –

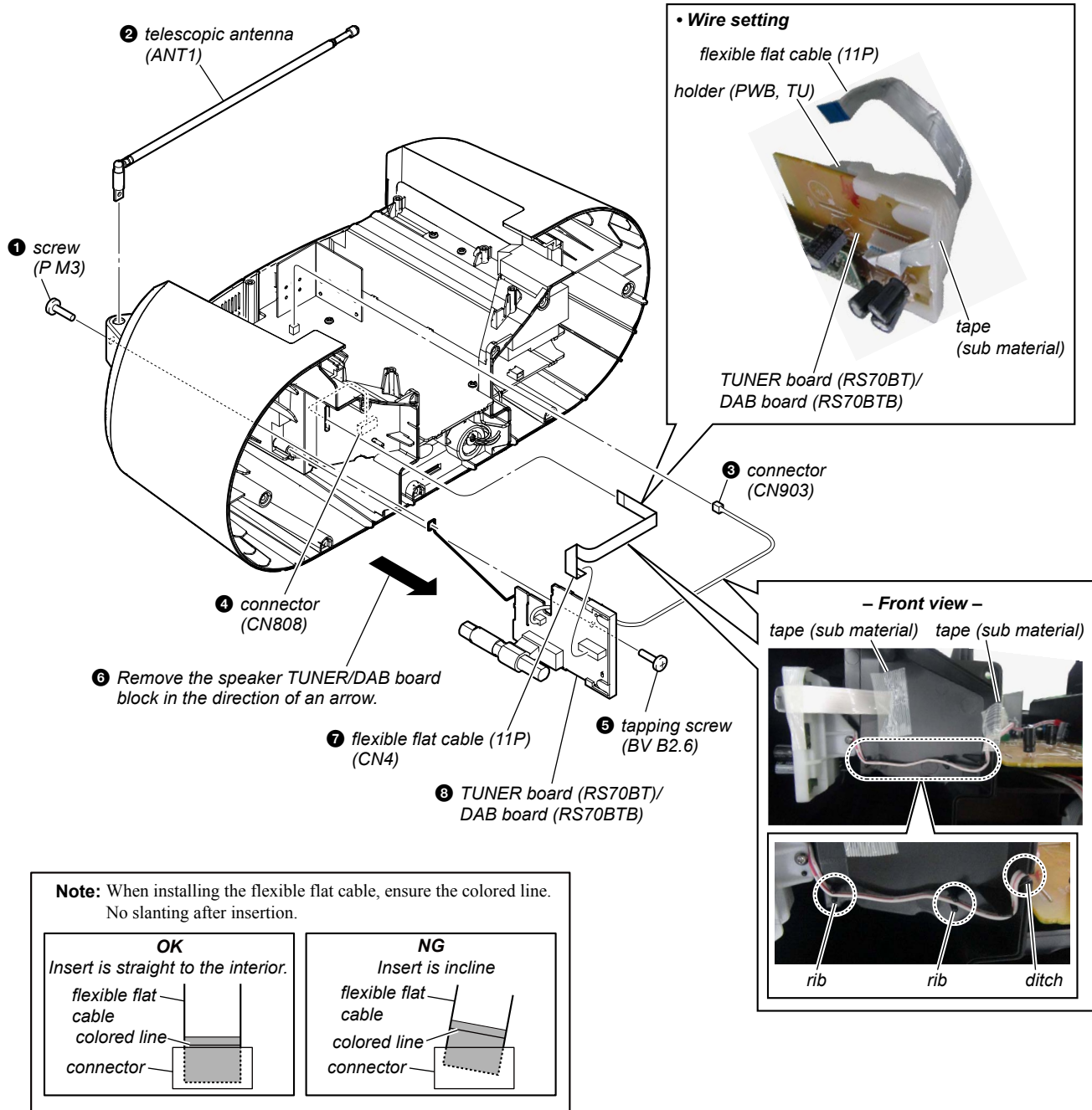
• Flexible flat cable (14P) setting



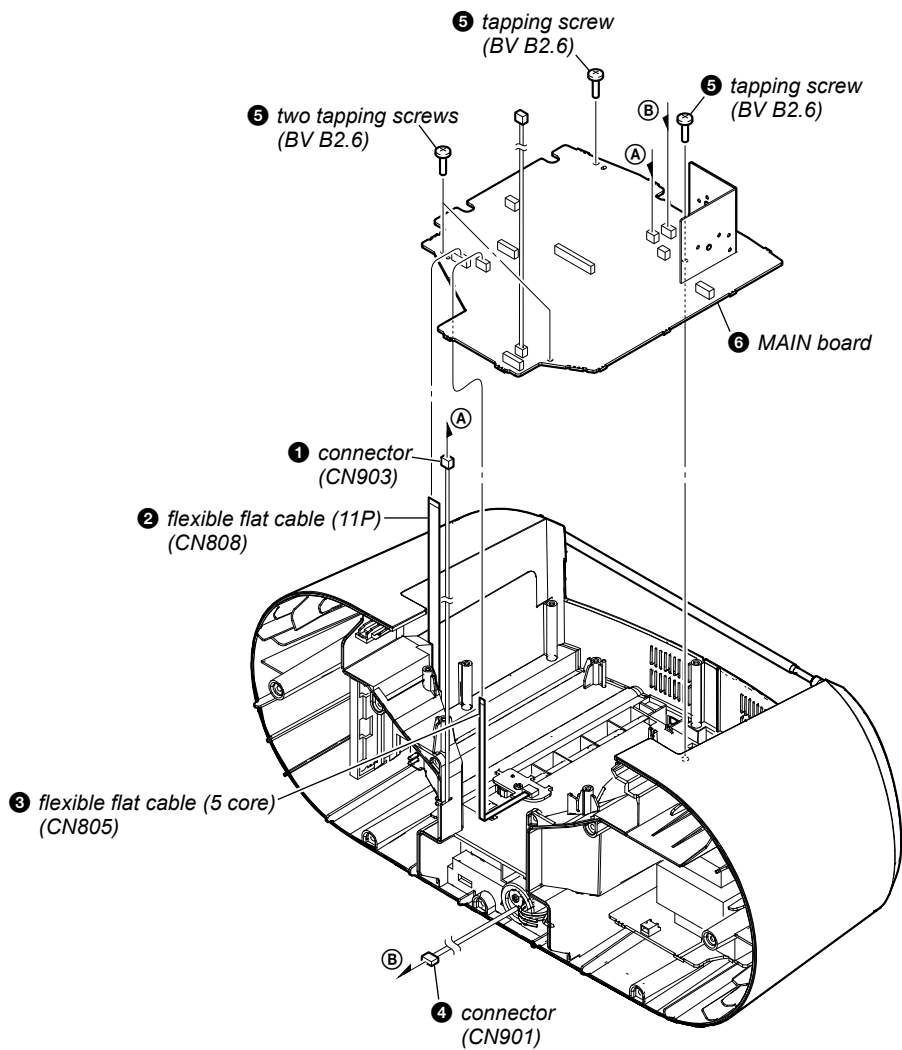
2-12. LOUDSPEAKER (7.7 cm) (L/R-CH) (SP101, SP201)



2-13. TUNER BOARD (RS70BT)/DAB BOARD (RS70BTB)



2-14. MAIN BOARD



Note: When installing the flexible flat cable, ensure the colored line. No slanting after insertion.

OK

Insert is straight to the interior.

flexible flat cable

colored line

connector

NG

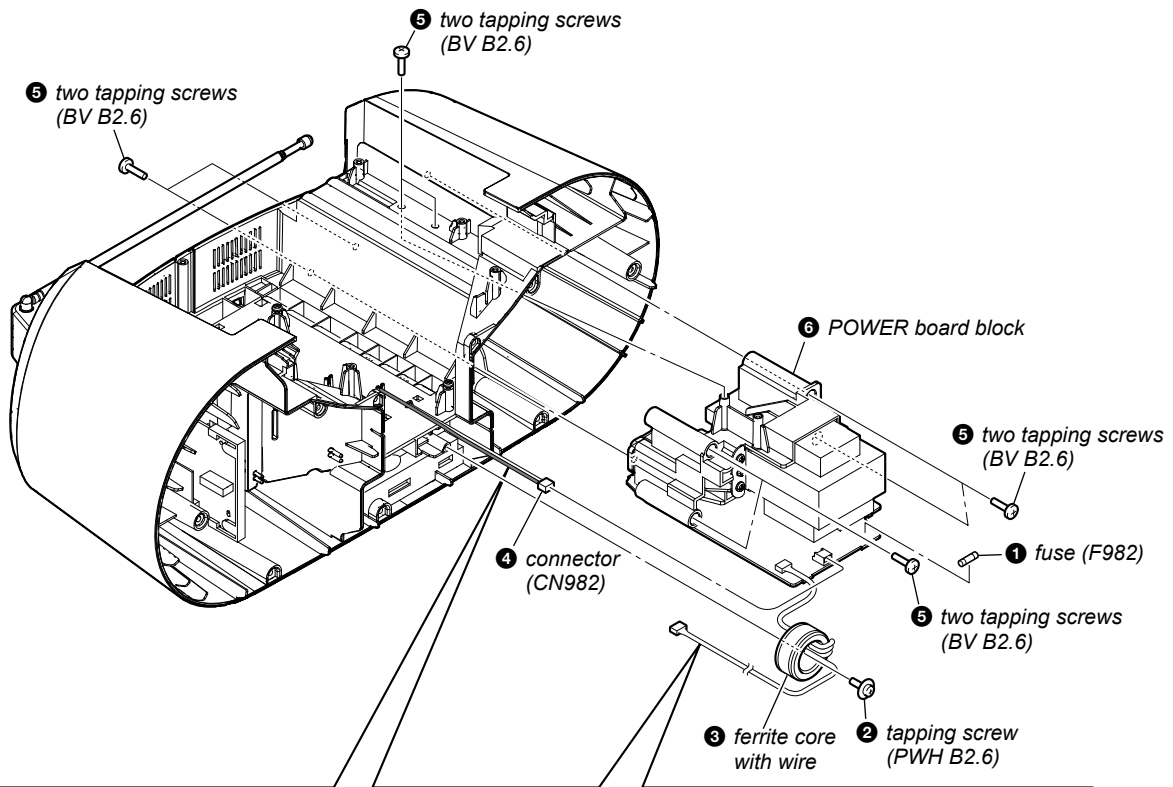
Insert is incline

flexible flat cable

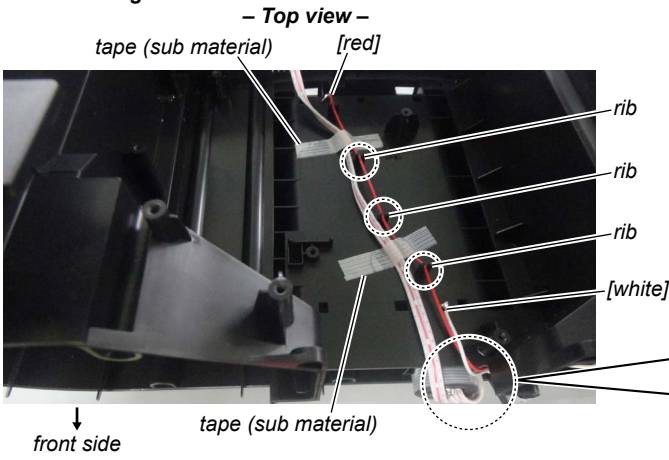
colored line

connector

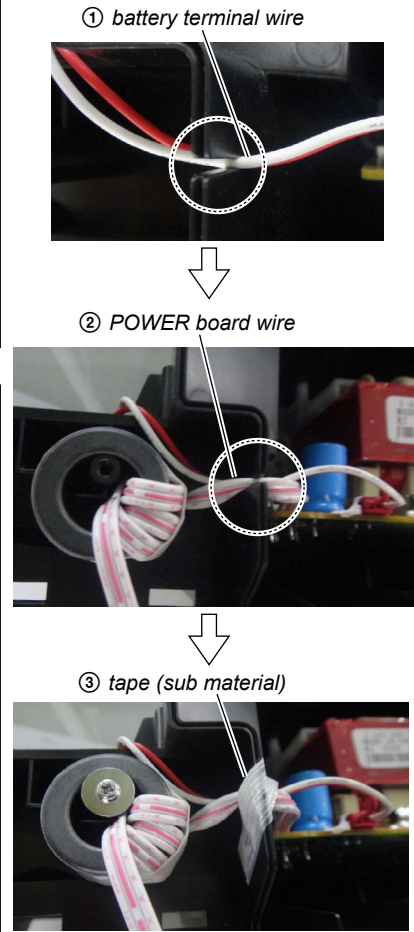
2-15. FUSE (F982), POWER BOARD BLOCK



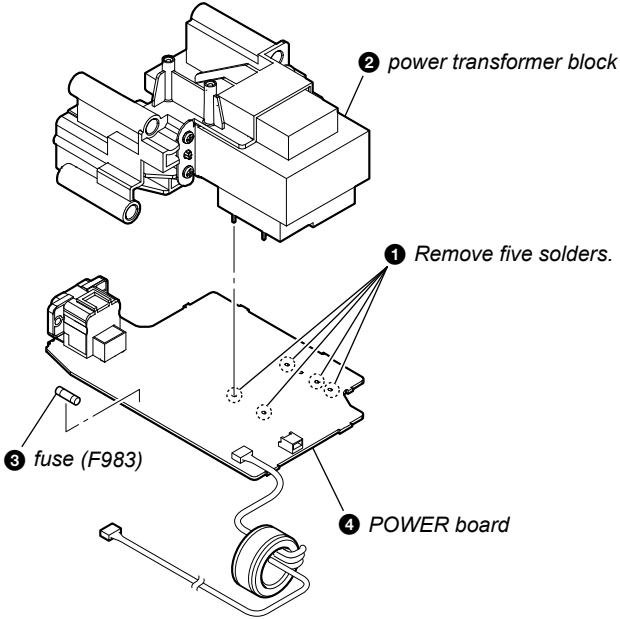
• Wire setting



– Front view –



2-16. POWER BOARD, FUSE (F983)



SECTION 3 TEST MODE

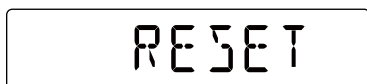
COLD RESET

System μ -com is reset and EEPROM is cleared.

Note: The informations of Bluetooth and DAB are not initialized.

Procedure:

1. Press the [POWER] (Except AEP and UK models)/[OPERATE] (AEP and UK models) button to turn the power on.
2. Press three buttons of [POWER] (Except AEP and UK models)/[OPERATE] (AEP and UK models), [ERASE] and [■] simultaneously.
3. The message “RESET” appears on the liquid crystal display, the set enters standby status.



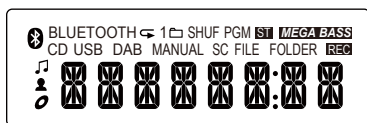
PANEL TEST

It can perform all segments on the liquid crystal display light-up, firmware version display and destination display.

Enter the panel test mode

Procedure:

1. Press the [POWER] (Except AEP and UK models)/[OPERATE] (AEP and UK models) button to turn the power on.
2. Press three buttons of [AUDIO IN], [⏮/TUNE +] and [MODE] simultaneously.
3. When the panel test mode is activated, segments of the liquid crystal display are all turned on.



Version, model and destination check

Procedure:

1. In the panel test mode (segments of the liquid crystal display are all turned on), press the [CD] button, and the system version is displayed.

(Displayed value in the following figure is example)



2. Press the [MEMORY SELECT USB] button, and the USB host version is displayed.

(Displayed values in the following figure is example)



3. Press the [SCAN RADIO DAB/FM] button, and the DAB module firmware is displayed. (AEP and UK models only)

(Displayed values in the following figure is example)



4. Press the [PAIRING BLUETOOTH] button, and the Bluetooth module firmware version is displayed. (Displayed values in the following figure is example)



5. Press the [AUDIO IN] button, and the model and destination are displayed.

Destination	Display
AEP and UK models	04 CE
E41 model	04 AR E4
E92 and Mexican models	04 MX E9

- Abbreviation
 - E41: Bolivian, Chilean, Paraguayan, Peruvian and Uruguayan models
 - E92: Venezuelan, Panamanian, Honduran, Guatemalan, Colombian, Costa Ri-ca, Dominican, Ecuadorean and El Salvador models

Releasing method:

Press three buttons of [AUDIO IN], [⏮/TUNE +] and [MODE] simultaneously.

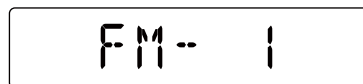
FM TUNER STEP CHANGE

(Bolivian, Chilean, Paraguayan, Peruvian and Uruguayan models only)

The FM tuning interval can be changed over 50 kHz or 100 kHz.

Procedure:

1. Press the [POWER] button to turn the power on.
2. Press the [AUTO PRESET RADIO FM/AM] button to select FM radio function.
3. Press the [MANUAL PRESET ►] button, change to the display of “FM- 1”.



4. Press and hold (about 2 seconds) the [AUTO PRESET RADIO FM/AM] button, the message “FM 50K” or “FM 100K” appears on the liquid crystal display (The step at the present setting is displayed).



or



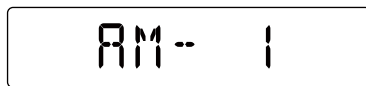
5. Press the [PRESET ◀] or [PRESET + ▶] buttons, select to the “FM 50K” or “FM 100K”.
6. Press the [ENTER] button, it is changed into selected setting. Press other than [ENTER] button, will cancel this mode.

**AM TUNER STEP CHANGE
(Bolivian, Chilean, Paraguayan, Peruvian and Uruguay-
an models only)**

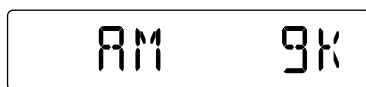
The AM tuning interval can be changed over 9 kHz or 10 kHz.

Procedure:

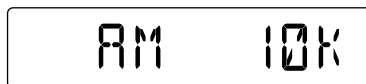
1. Press the [POWER] button to turn the power on.
2. Press the [➔ AUTO PRESET RADIO FM/AM] button to select AM radio function.
3. Press the [MANUAL PRESET ▶||] button, change to the display of "AM- 1".



4. Press and hold (about 2 seconds) the [➔ AUTO PRESET RADIO FM/AM] button, the message "AM 9K" or "AM 10K" appears on the liquid crystal display (The step at the present setting is displayed).



or



5. Press the [← PRESET ◀◀] or [PRESET ▶▶] buttons, select to the "AM 9K" or "AM 10K".
6. Press the [ENTER] button, it is changed into selected setting. Press other than [ENTER] button, will cancel this mode.

DAB RESET (AEP and UK models only)

DAB module information is initialized.

Procedure:

1. Press the [OPERATE] button to turn the power on.
2. Press the [➔ SCAN RADIO DAB/FM] button to select DAB radio function.
3. Press two buttons of [ENTER] and [■] simultaneously.
4. The message "DAB" and "RESET?" are displayed on the liquid crystal display alternately.



5. Press the [ENTER] button, and the initialization is started. A screen display stops at the displayed at the time of initialization starting.
6. The message "STANDBY" appears and initialization is performed, and turn the power off.



Releasing method:

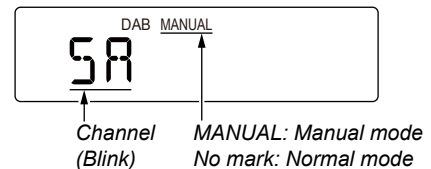
Press the [■] button, or do not perform operation for 10 seconds.

DAB MANUAL MODE (AEP and UK models only)

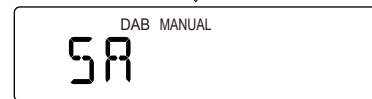
Receiving mode can be changed to normal (Alphabetical) mode or manual mode.

Procedure:

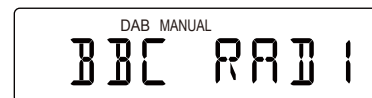
1. Press the [OPERATE] button to turn the power on.
2. Press the [➔ SCAN RADIO DAB/FM] button to select DAB function.
3. Press three buttons of [■], [⏪ /TUNE +] and [MODE] simultaneously.
4. It is changed into a manual mode from a normal mode. (Displayed values in the following figure is example)



5. Press the [⏪ /TUNE -] or [⏩ /TUNE +] buttons, change to DAB channel.
6. When it is not able to receive, "NOSIGNAL" and "XX" (Channel number) are displayed on the liquid crystal display alternately. (Displayed values in the following figure is example)



When it is able to receive, it becomes the display received. (Displayed values in the following figure is example)



Releasing method:

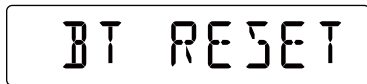
Press the [MODE] button to return to normal mode.

Bluetooth INFORMATION INITIALIZE

Bluetooth information is initialized.

Procedure:

1. Press the [POWER] (Except AEP and UK models)/[OPERATE] (AEP and UK models) button to turn the power on.
2. Press the [PAIRING BLUETOOTH] button to select Bluetooth function.
3. Press and hold (about 2 seconds) the [ERASE] button.
4. The message "BT RESET" appears on the liquid crystal display.



5. Press the [ENTER] button, and the message "BT RESET" is blink.
6. The message "COMPLETE" appears and initialization is performed, and release from this mode.



Releasing method:

Press the [■] button, or do not perform operation for 10 seconds.

ERP TEST (AEP and UK models only)

The ERP audio signal detection check.

Confirm ERP test with reference to the following flow.

Procedure:

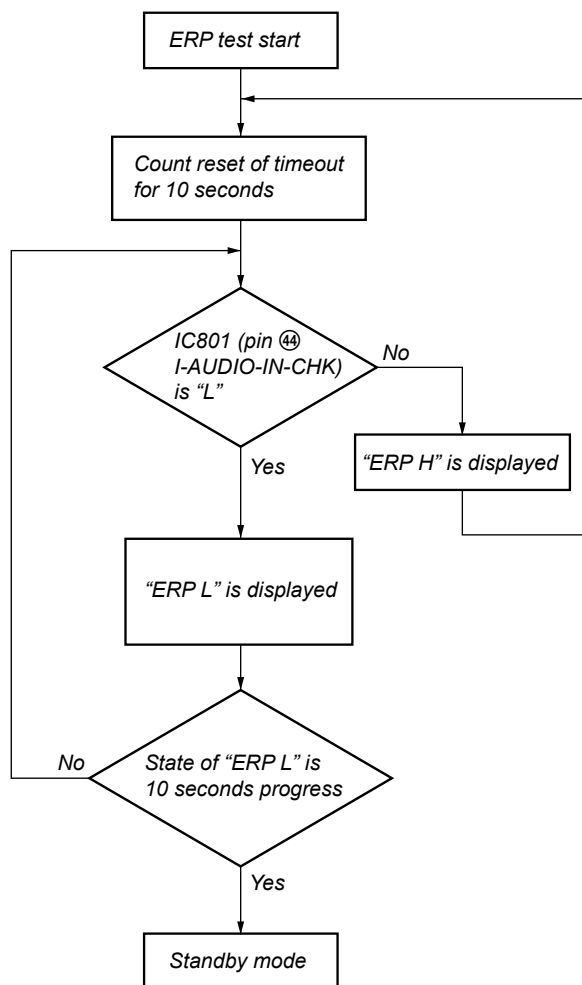
1. Press the [OPERATE] button to turn the power on.
2. Press three buttons of [AUDIO IN], [TUNE -] and [MODE] simultaneously.
3. When an audio signal is inputted into IC801 (pin 44), "ERP H" is displayed on the liquid crystal display.



When an audio signal is not inputted into IC801 (pin 44), "ERP L" is displayed on a liquid crystal display.



ERP test flow:



Releasing method:

Press three buttons of [AUDIO IN], [TUNE -] and [MODE] simultaneously, or it will become standby mode if operation is not performed for 10 seconds in the state of "ERP L"

CD ADJUSTMENT MONITOR MODE

It can check the data of the result after automatic adjustment.

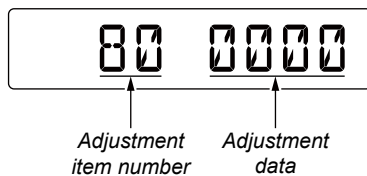
Procedure:

1. Press the [POWER] (Except AEP and UK models) / [OPERATE] (AEP and UK models) button to turn the power on.
2. Press the [CD] button to select CD function.
3. Press three buttons of the [CD], [MANUAL PRESET ►] and [MODE] simultaneously.
4. The message “80 XXXX” appears on the liquid crystal display.
XXXX: Adjustment data

Key Operation:

- [– PRESET ◀◀], [PRESET + ►►] : Adjustment item is select.
- [VOLUME +] : Monitor select value up.
(Adjustment number 75, 76 and 77 only)
- [VOLUME –] : Monitor select value down.
(Adjustment number 75, 76 and 77 only)
- [ENTER] : Enter the monitor select value. (Adjustment number 75, 76 and 77 only)

(Displayed values in the following figure are example)



Adjustment item number:

- 80 : Focus off set (FDOF_AD)
- 81 : Focus off set (FOFF)
- 87 : Focus search (S_MAX/S_MIN)
- 88 : Focus search (FDOF)
- 97 : Tracking balance (AVETMP2)
- 98 : Tracking balance (TEREF2)
- 99 : Tracking balance (TEREF)
- 9A: Tracking balance (T_MAX/T_MIN)
- 9B: RF gain
- 82 : Focus gain (FOGAIN)
- 83 : Focus gain (FSINPP)
- 9C: Focus gain
- 92 : Tracking gain (TRGAIN)
- 93 : Tracking gain (TSINPP)
- 9D: Tracking gain
- 71 : RF shaped width detection level (PH-BH)
- 84 : Focus DC off set (AVETMP2)
- 85 : Focus DC off set (FEREF2)
- 86 : Focus DC off set (FEREF)
- 95 : Tracking DC off set (TEREF2)
- 96 : Tracking DC off set (TEREF)
- 72 : LVSIF (AVETMP2)
- 73 : LVSIF (LVSIF2)
- 74 : LVSIF (LVSIF)
- 75 : Monitor signal select 1 (PORTCTL0)
- 76 : Monitor signal select 2 (FMONSEL0/1, BMONSEL)
- 77 : Analog monitor select (AMONCTL)

Releasing method:

Press three buttons of the [CD], [MANUAL PRESET ►] and [MODE] simultaneously.

CD FACTORY MODE

Note 1: Do not enter the this mode while any other test mode is in progress.

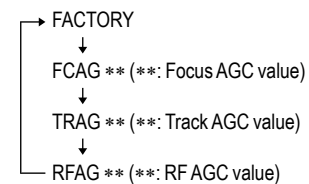
Note 2: Do not enter any other test mode while the this mode is in progress.

Procedure:

1. Press the [POWER] (Except AEP and UK models)/[OPERATE] (AEP and UK models) button to turn the power on.
2. Press the [CD] button to select CD function
3. Press three buttons of the [CD], [■] and [MODE] simultaneously.
4. It enters the CD factory mode and the message “FACTORY” is displayed.

Key Operation:

[MODE]:
The display changes in the following order whenever the button is pressed.



[– LIGHT SYNC • DISPLAY]:

RF gain setting changes whenever the button is pressed.

“FACTORY” : No gain fixation.

“AL” : Fix to the gain for AL disc.

“RW” : Fix to the gain for RW disc.

[VOLUME –]:

Tracking servo setting changes whenever the button is pressed (This function is executable only while CD is playing).

“ON” : Tracking servo ON.

“OFF” : Tracking servo OFF.

[VOLUME +]:

S character mode setting changes whenever the button is pressed.

“FACTORY” : S character mode OFF.

“S-CUR” : S character mode ON.

Releasing method:

Press three buttons of the [CD], [■] and [MODE] simultaneously.

CD SERVICE MODE

This mode can move the SLED of the optical pick-up, and also can turn the optical pick-up laser power on and off.

C1 error, C2 error, frame jump error, focus drive low-pass value and SubQ displayed.

The disturbance level of FE and TE can be set up.

Procedure:

1. Press the [POWER] (Except AEP and UK models)/[OPERATE] (AEP and UK models) button to turn the power on.
2. Press the [CD] button to select CD function.
3. Press three buttons of the [CD], [VOLUME -] and [MODE] simultaneously.
4. The message "SE MODE" appears on the liquid crystal display.

Key Operation:

[- PRESET ◀◀], [PRESET + ▶▶] (CD stop states):

Use these keys to move the SLED. When [PRESET + ▶▶] is pressed in this mode, the SLED moves to outer circumference and the message "SL OUT" is displayed.

When [- PRESET ◀◀] is pressed in this mode, the SLED moves to inner circumference and the message "SL IN" is displayed.

[MODE]:

Use this key to turn the optical pick-up laser power on and off. When the laser power is turned on, the message "LD ON" is displayed. When the laser power is turned off, the message "LD OFF" is displayed.

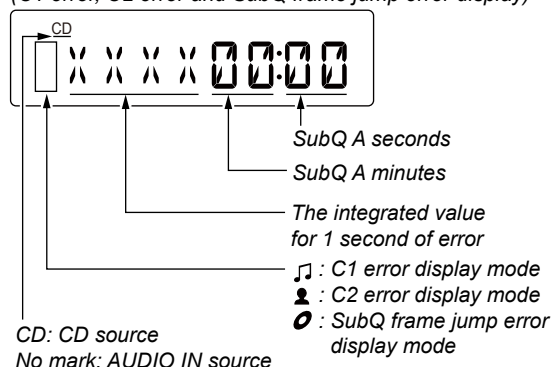
[MANUAL PRESET ▶▶]:

Use this key to CD play. On the liquid crystal display, C1 error is displayed. Each time [- LIGHT SYNC • DISPLAY] button pressed, the display changes C2 error, SubQ frame jump error, focus drive low-pass value this order, and returns to the C1 error display.

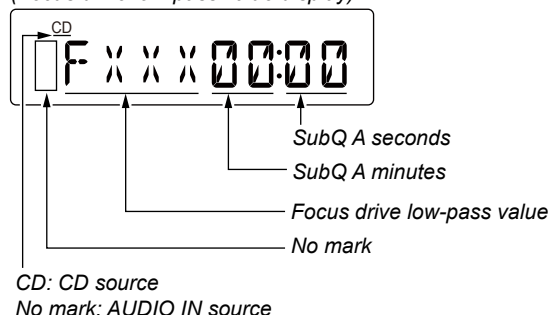
Each time [REC CD ▶ USB] button is press and hold for 2 seconds, source change to "CD" or "AUDIO IN".

(Displayed characters/values in the following figure are example)

(C1 error, C2 error and SubQ frame jump error display)



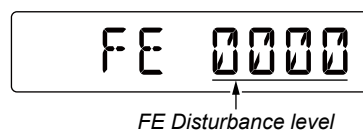
(Focus drive low-pass value display)



[CD], [- MEMORY SELECT USB] (CD playing states):

Use these keys to FE disturbance level setting. When [CD] is pressed, the FE disturbance level is up. When [MEMORY SELECT USB] is pressed, the FE disturbance level is down. (This screen display returns in about two seconds)

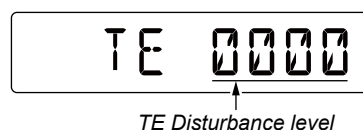
(Displayed characters/values in the following figure are example)



[ERASE], [ENTER] (CD playing states):

Use these keys to TE disturbance level setting. When [ERASE] is pressed, the TE disturbance level is up. When [ENTER] is pressed, the TE disturbance level is down. (This screen display returns in about two seconds)

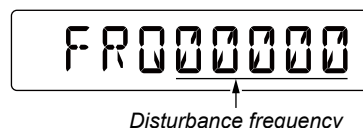
(Displayed characters/values in the following figure are example)



[- AUTO PRESET RADIO FM/AM] (Except AEP and UK models)/[- SCAN RADIO DAB/FM] (AEP and UK models), [AUDIO IN] (CD playing states):

Use these keys to disturbance frequency setting. When [- AUTO PRESET RADIO FM/AM] (Except AEP and UK models)/[- SCAN RADIO DAB/FM] (AEP and UK models) is pressed, the disturbance frequency is up. When [AUDIO IN] is pressed, the disturbance frequency is down. (This screen display returns in about two seconds)

(Displayed characters/values in the following figure are example)



- : CD stop
- [- PRESET ◀◀] (CD playing states) : Select a track
- [PRESET + ▶▶] (CD playing states) : Select a track
- [- PRESET ◀◀] hold down (CD playing states) : Fast backward
- [PRESET + ▶▶] hold down (CD playing states) : Fast forward
- [VOLUME +] : Volume up
- [VOLUME -] : Volume down

Releasing method:

Press three buttons of the [CD], [VOLUME -] and [MODE] simultaneously.

SECTION 4 ELECTRICAL CHECKS

TUNER SECTION

0 dB = 1 μ V

no mark: E41 model

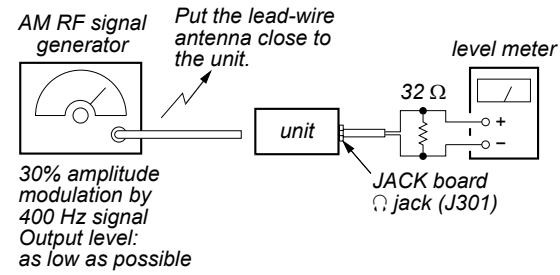
(): E92 and MX models

[AM] (RS70BT only)

Setting:

Function: RADIO

Band: AM



AM FREQUENCY COVERAGE CHECK	
Check that reading on level meter is the maximum	
Confirmation	531 (530) kHz
Confirmation	1,602 (1,710) kHz

FM FREQUENCY COVERAGE CHECK	
Check that reading on level meter is the maximum	
Confirmation	87.5 MHz
Confirmation	108 MHz

• Abbreviation

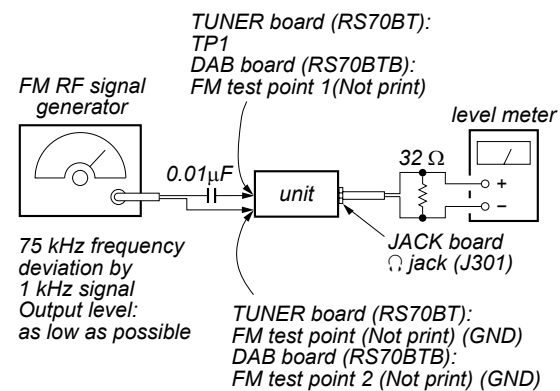
- E41 : Bolivian, Chilean, Paraguayan, Peruvian and Uruguayan models
- E92 : Venezuelan, Panamanian, Honduran, Guatemalan, Colombian, Costa Ri-ca, Dominican, Ecuadorean and El Salvador models
- MX : Mexican model

[FM]

Setting:

Function: RADIO

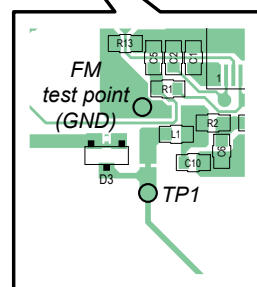
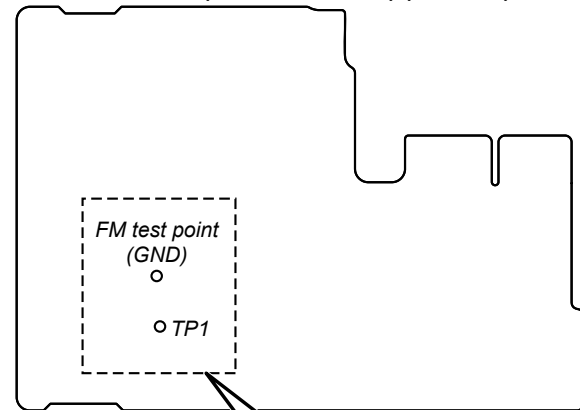
Band: FM



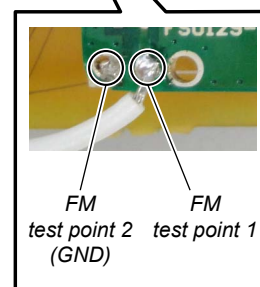
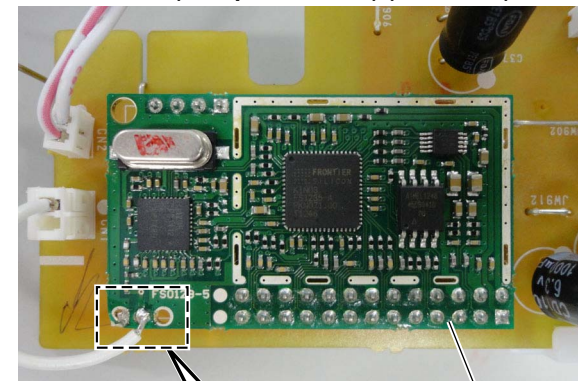
Note: Perform FM frequency coverage check after removing FM telescopic antenna (ANT1).

Connection Location:

- TUNER Board (Conductor Side) (RS70BT) -



- DAB Board (Component Side) (RS70BTB) -

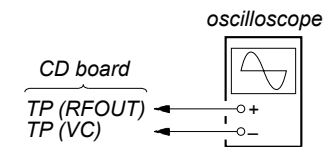


CD SECTION

Note:

1. CD block is basically constructed to operate without adjustment.
2. Use YEDS-18 disc (Part No. 3-702-101-01) unless otherwise indicated.
3. Use an oscilloscope with more than 10 M Ω impedance.
4. Clean the object lens by an applicator with neutral detergent when the signal level is low than specified value with the following checks.
5. Check the focus bias check when optical pick-up block is replaced.

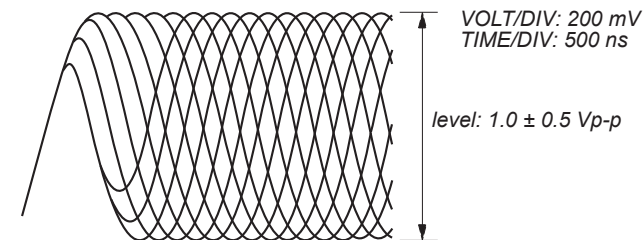
FOCUS BIAS CHECK



Procedure:

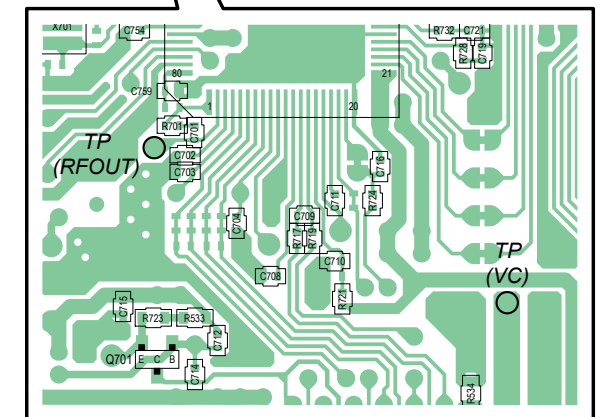
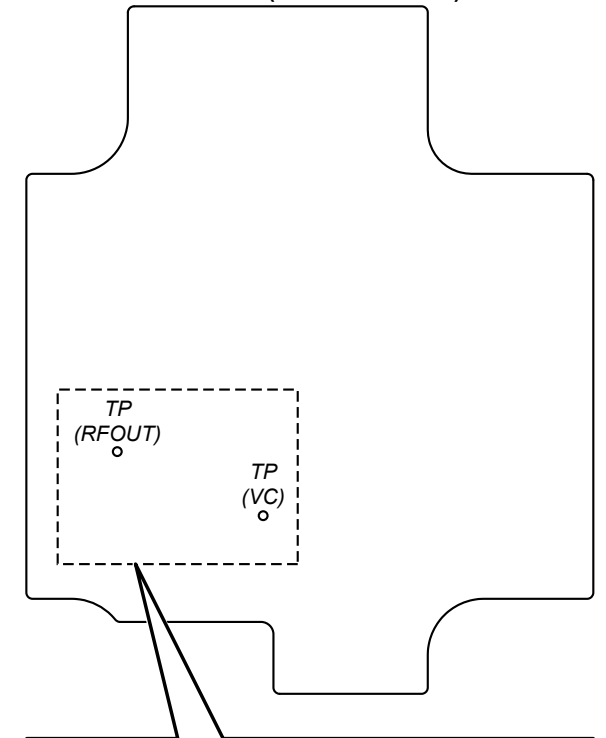
1. Connect the oscilloscope to RFOUT and VC on the CD board.
2. In the standby state, press the [POWER] (Except AEP and UK models)/[OPERATE] (AEP and UK models) button to turn the power on.
3. Press the [CD] button to turn the CD function.
4. Set the disc (YEDS-18) and press the [MANUAL PRESET] button to playback.
5. Confirm that oscilloscope waveform is as shown in the figure below. (eye pattern)

A good eye pattern means that the diamond shape (\diamond) in the center of the waveform can be clearly distinguished.



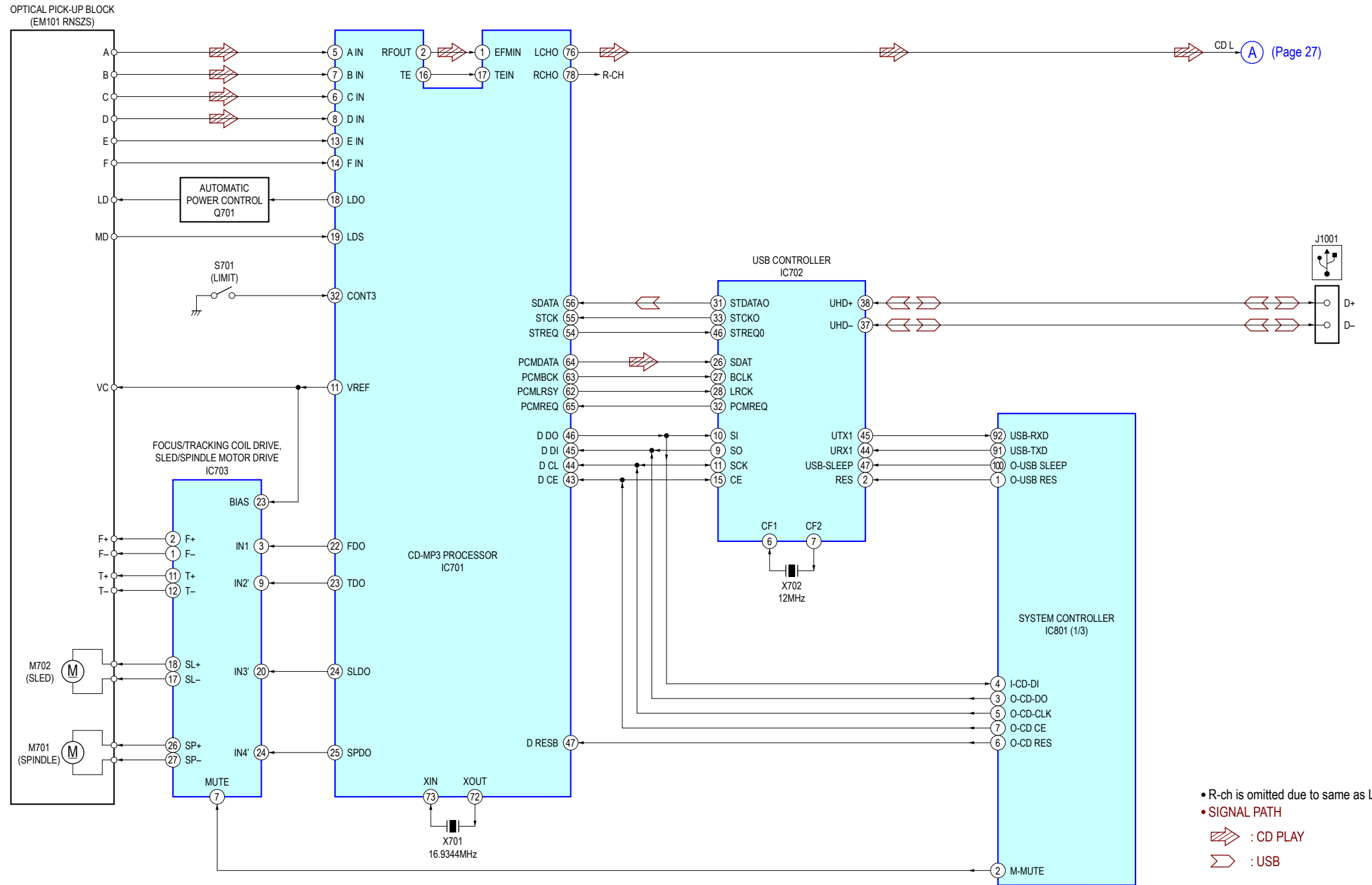
Connection Location:

- CD Board (Conductor Side) -

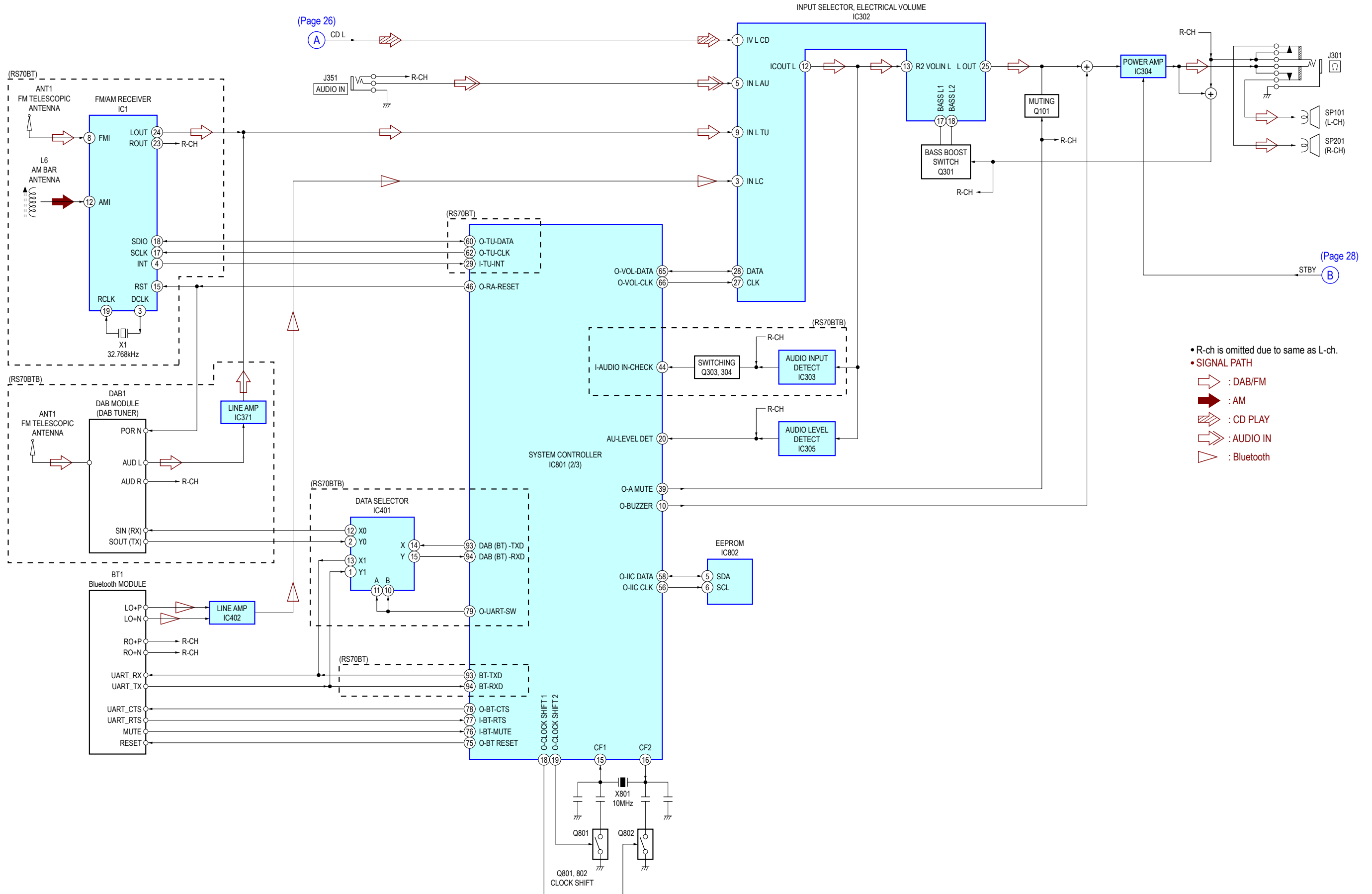


SECTION 5
DIAGRAMS

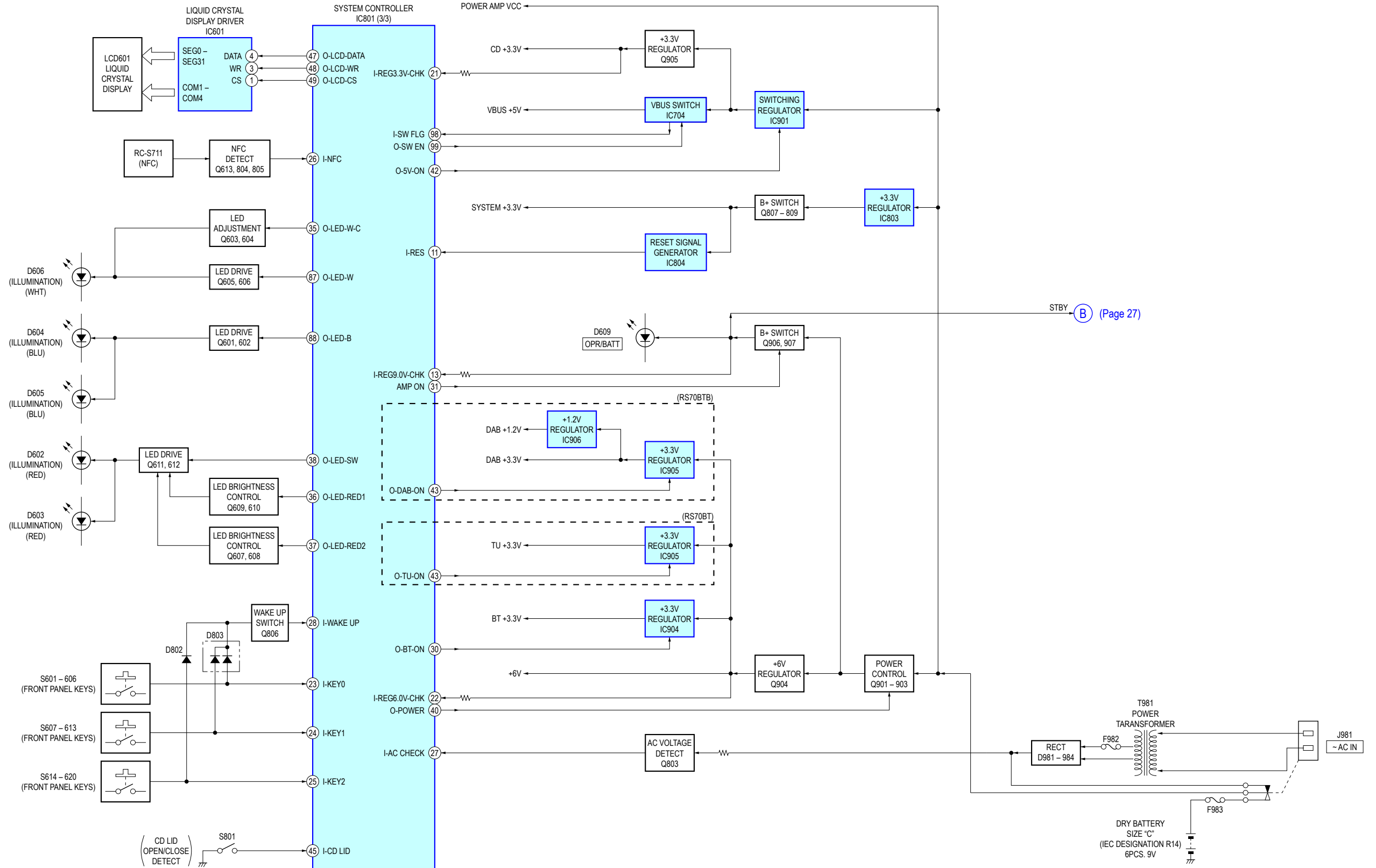
5-1. BLOCK DIAGRAM - CD/USB Section -



5-2. BLOCK DIAGRAM - MAIN Section -



5-3. BLOCK DIAGRAM - PANEL/POWER SUPPLY Section -



THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.
(In addition to this, the necessary note is printed in each block.)

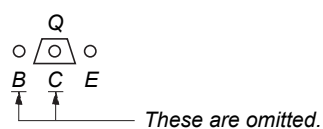
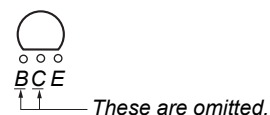
For Printed Wiring Boards.

- Note:**
- : Parts extracted from the component side.
 - : Parts extracted from the conductor side.
 - △: Internal component.
 - : Pattern from the side which enables seeing. (The other layers' patterns are not indicated.)

Caution:
 Pattern face side: Parts on the pattern face side seen (Conductor Side) from the pattern face are indicated.
 Parts face side: Parts on the parts face side seen from (Component Side) the parts face are indicated.

Caution:
 Pattern face side: Parts on the pattern face side seen (SIDE B) from the pattern face are indicated.
 Parts face side: Parts on the parts face side seen from (SIDE A) the parts face are indicated.

- Indication of transistor.



- Abbreviation
 E41 : Bolivian, Chilean, Paraguayan, Peruvian and Uruguayan models
 E92 : Venezuelan, Panamanian, Honduran, Guatemalan, Colombian, Costa Ri-ca, Dominican, Ecuadorean and El Salvador models
 MX : Mexican model

For Schematic Diagrams.

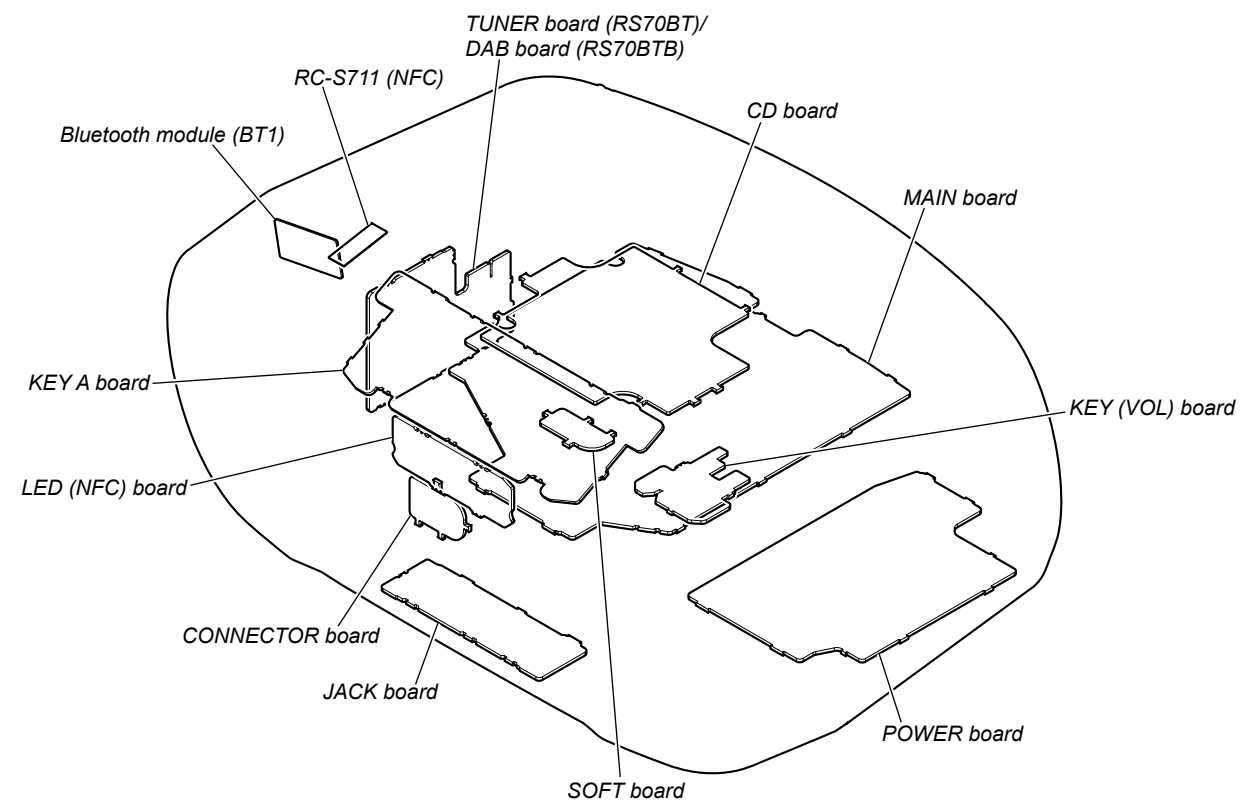
- Note:**
- All capacitors are in μF unless otherwise noted. (p: pF) 50 WV or less are not indicated except for electrolytics and tantalums.
 - All resistors are in Ω and 1/4 W or less unless otherwise specified.
 - △: Internal component.
 - □: Panel designation.

The components identified by mark △ or dotted line with mark △ are critical for safety.
 Replace only with part number specified.

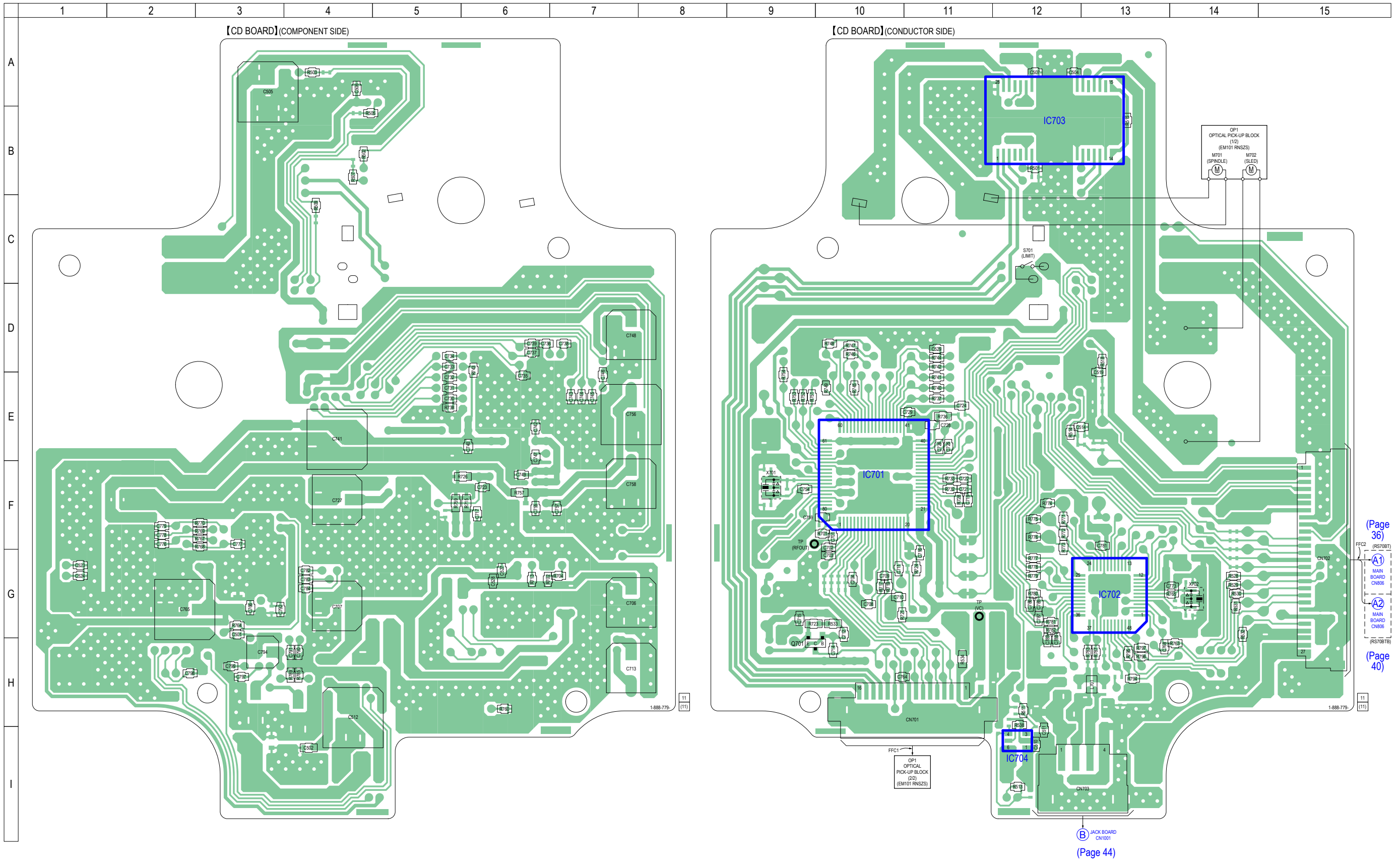
- —: B+ Line.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
 no mark: DAB/FM
 < >: AM
 (): CD PLAY
 []: Bluetooth
- Voltages are taken with VOM (Input impedance 10 M Ω). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
 ⇨ : DAB/FM
 ⇨ : AM
 ⇨ : CD PLAY
 ⇨ : AUDIO IN
 ⇨ : Bluetooth
 ⇨ : USB

- Abbreviation
 E41 : Bolivian, Chilean, Paraguayan, Peruvian and Uruguayan models
 E92 : Venezuelan, Panamanian, Honduran, Guatemalan, Colombian, Costa Ri-ca, Dominican, Ecuadorean and El Salvador models
 MX : Mexican model

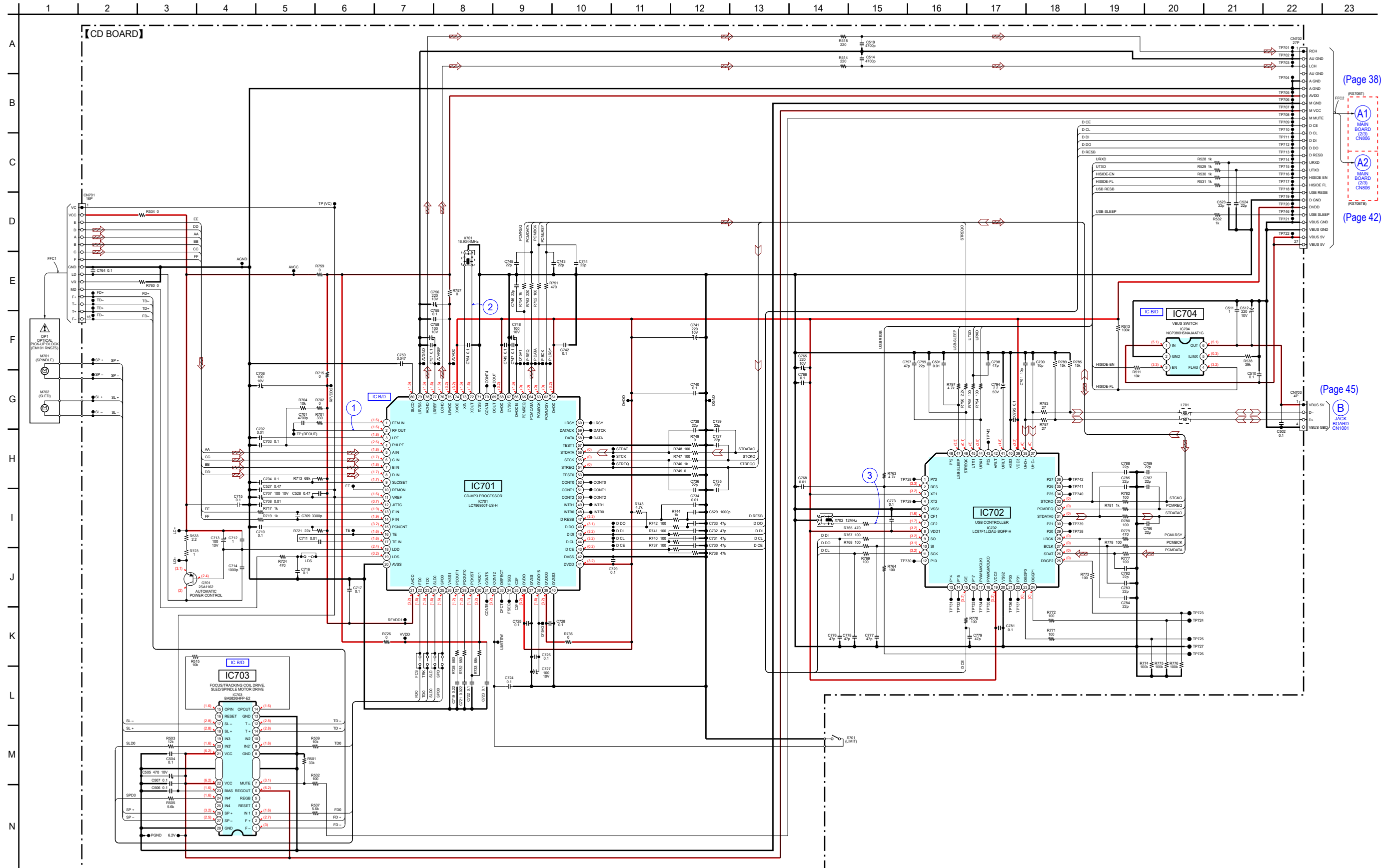
• Circuit Boards Location



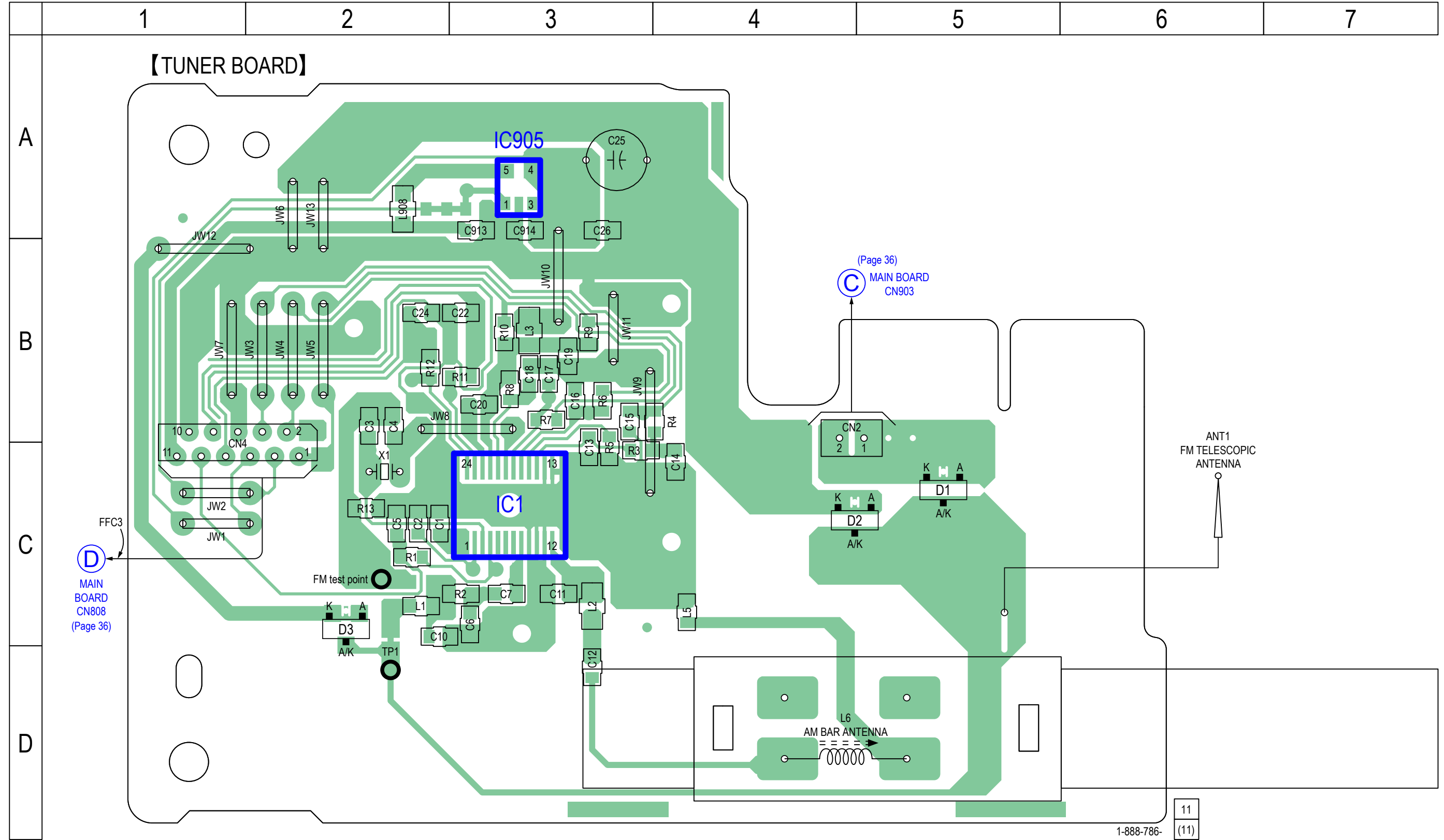
5-4. PRINTED WIRING BOARD - CD Board - • See page 29 for Circuit Boards Location. •  : Uses unleaded solder.



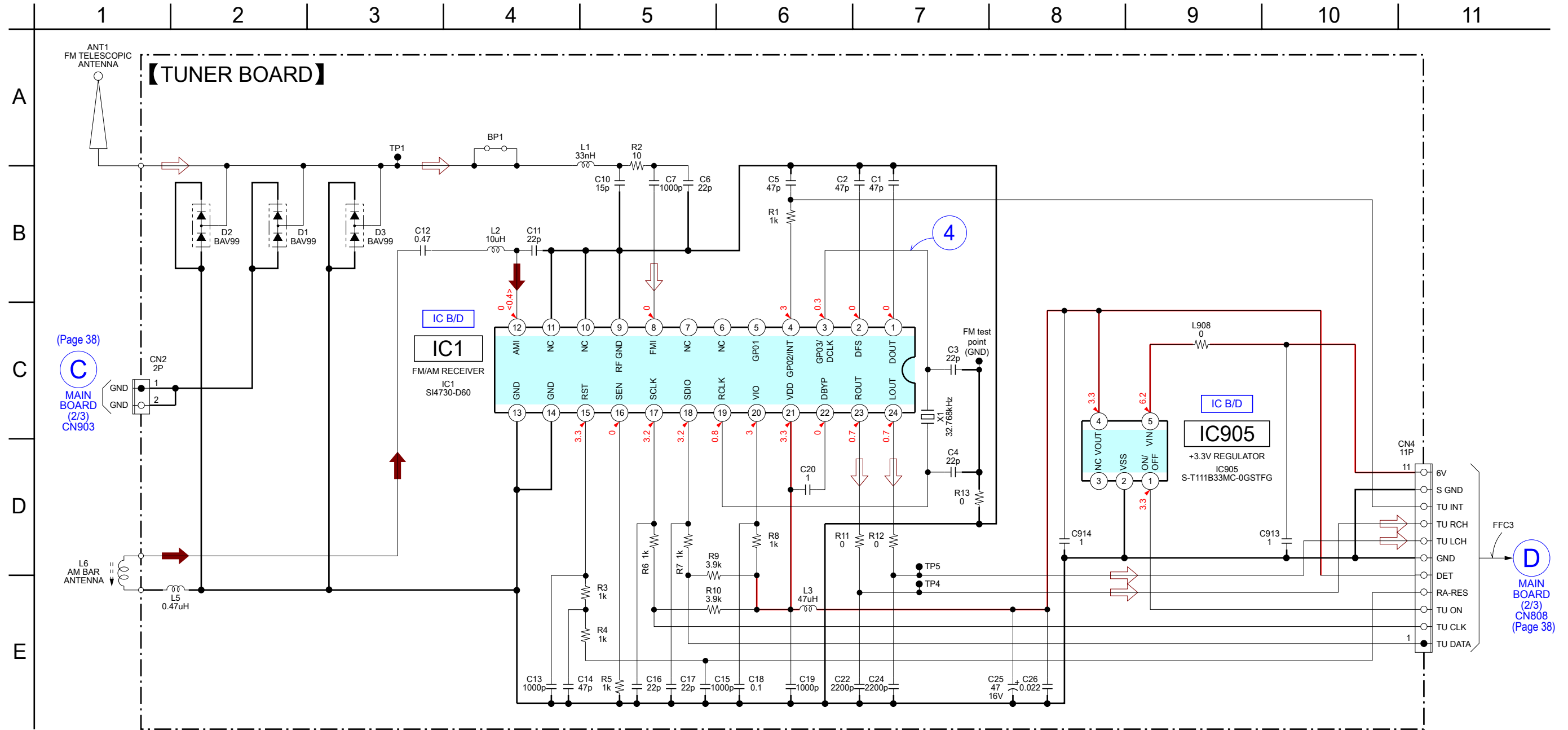
5-5. SCHEMATIC DIAGRAM - CD Board - • See page 50 for Waveforms. • See page 50 for IC Block Diagrams. • See page 54 for IC Pin Function Description.



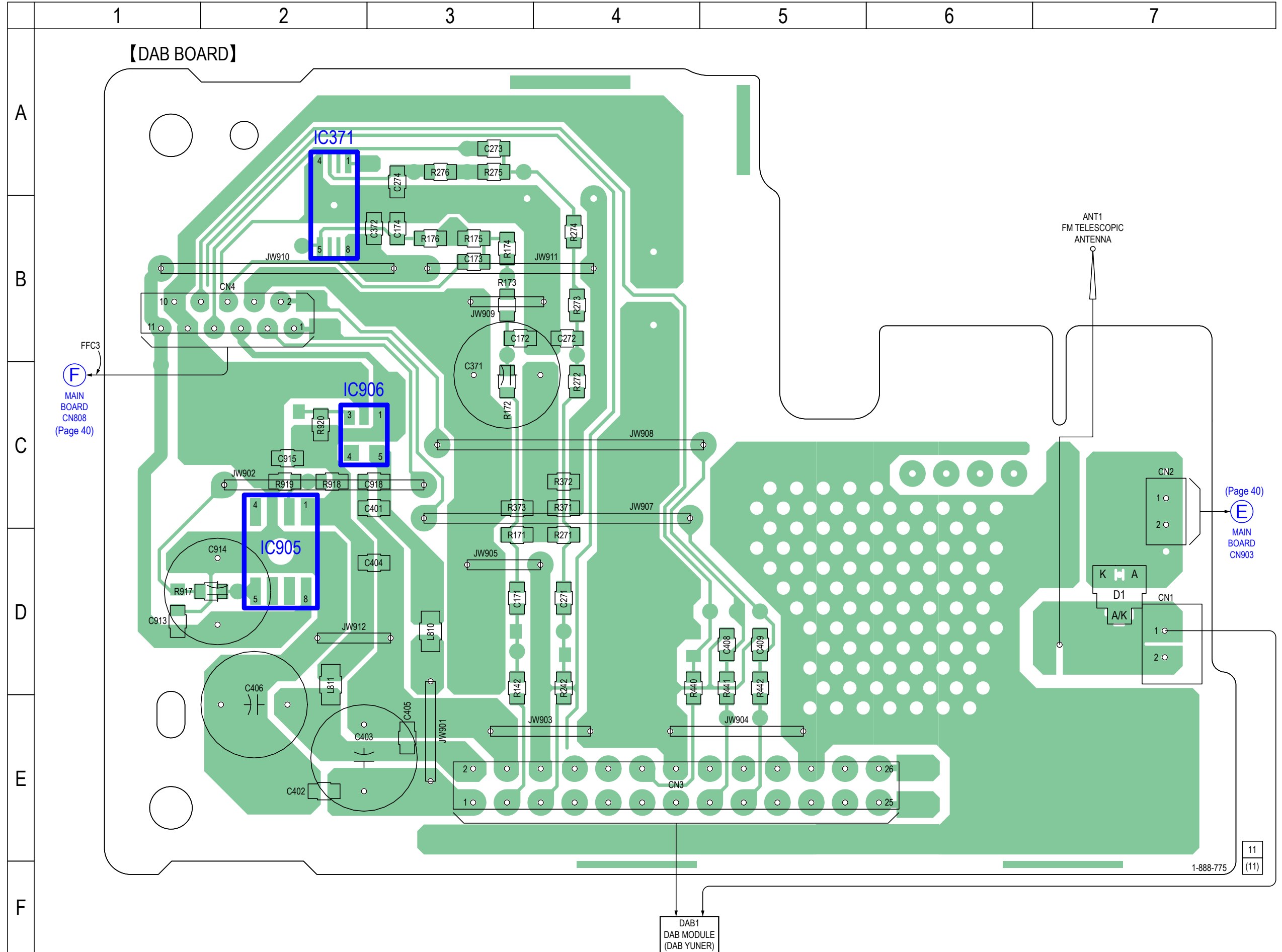
5-6. PRINTED WIRING BOARD - TUNER Board (RS70BT) - • See page 29 for Circuit Boards Location. •  : Uses unleaded solder.



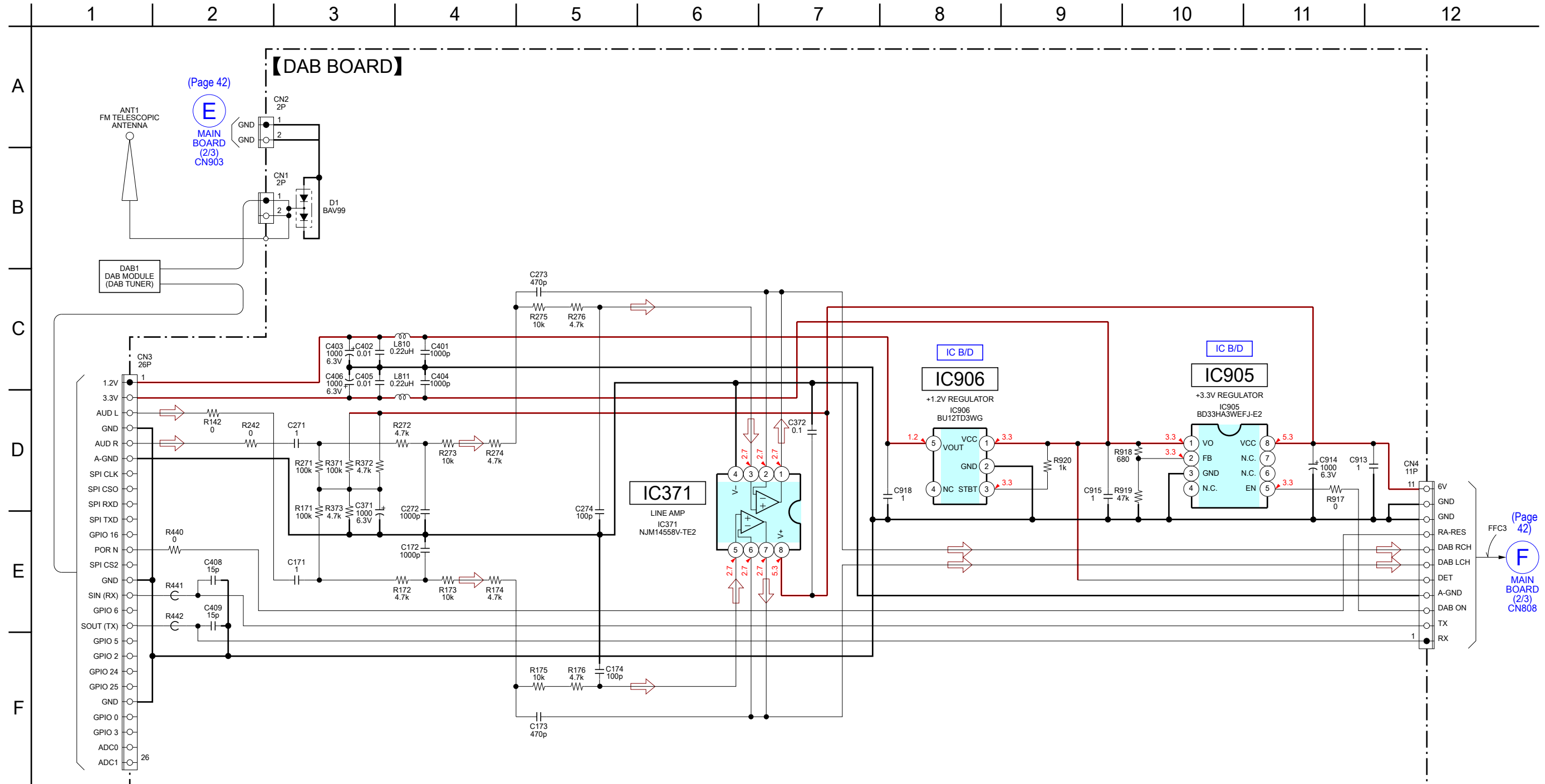
5-7. SCHEMATIC DIAGRAM - TUNER Board (RS70BT) - • See page 50 for Waveforms. • See page 50 for IC Block Diagrams



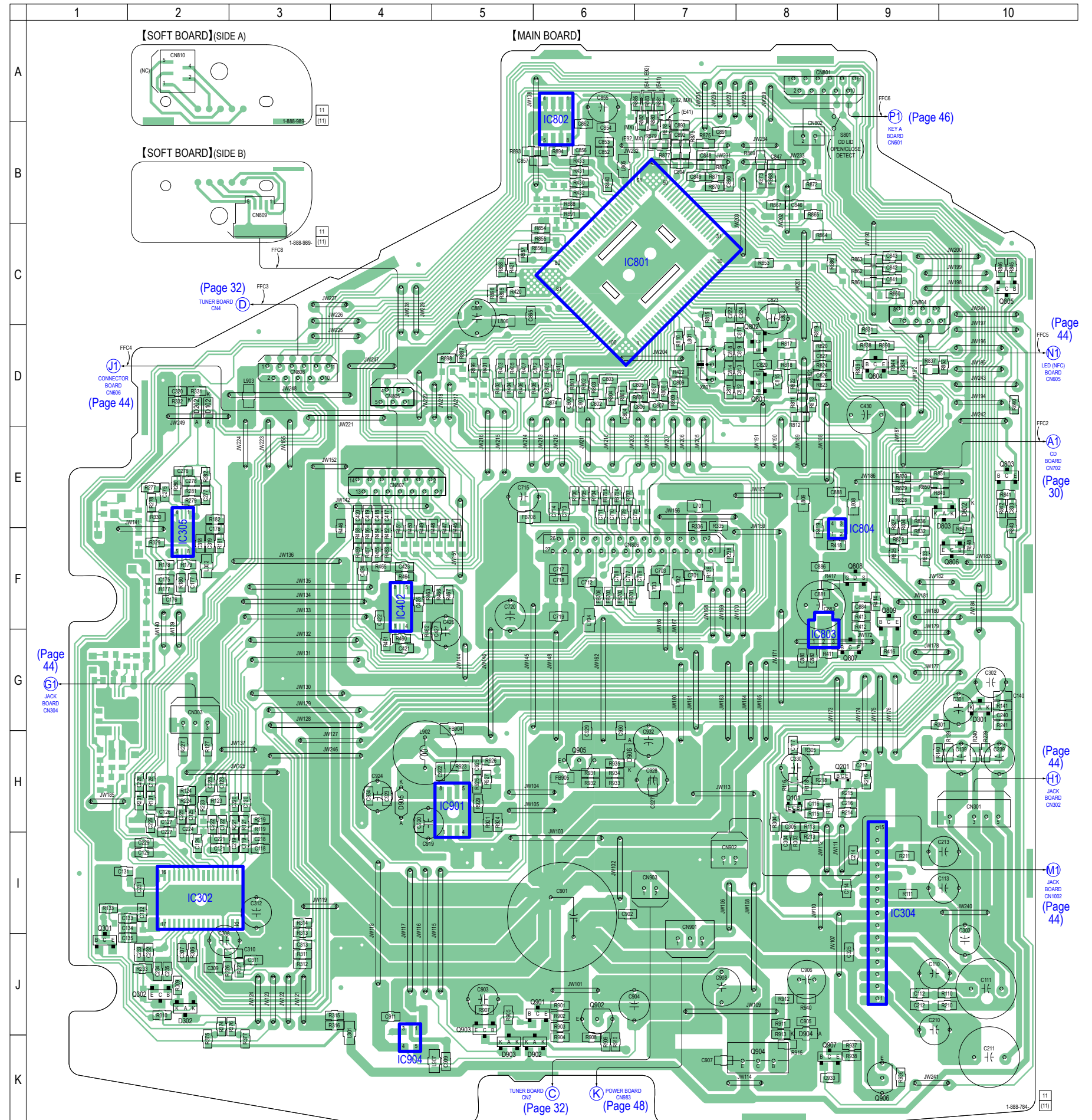
5-8. PRINTED WIRING BOARD - DAB Board (RS70BTB) - • See page 29 for Circuit Boards Location. •  : Uses unleaded solder.



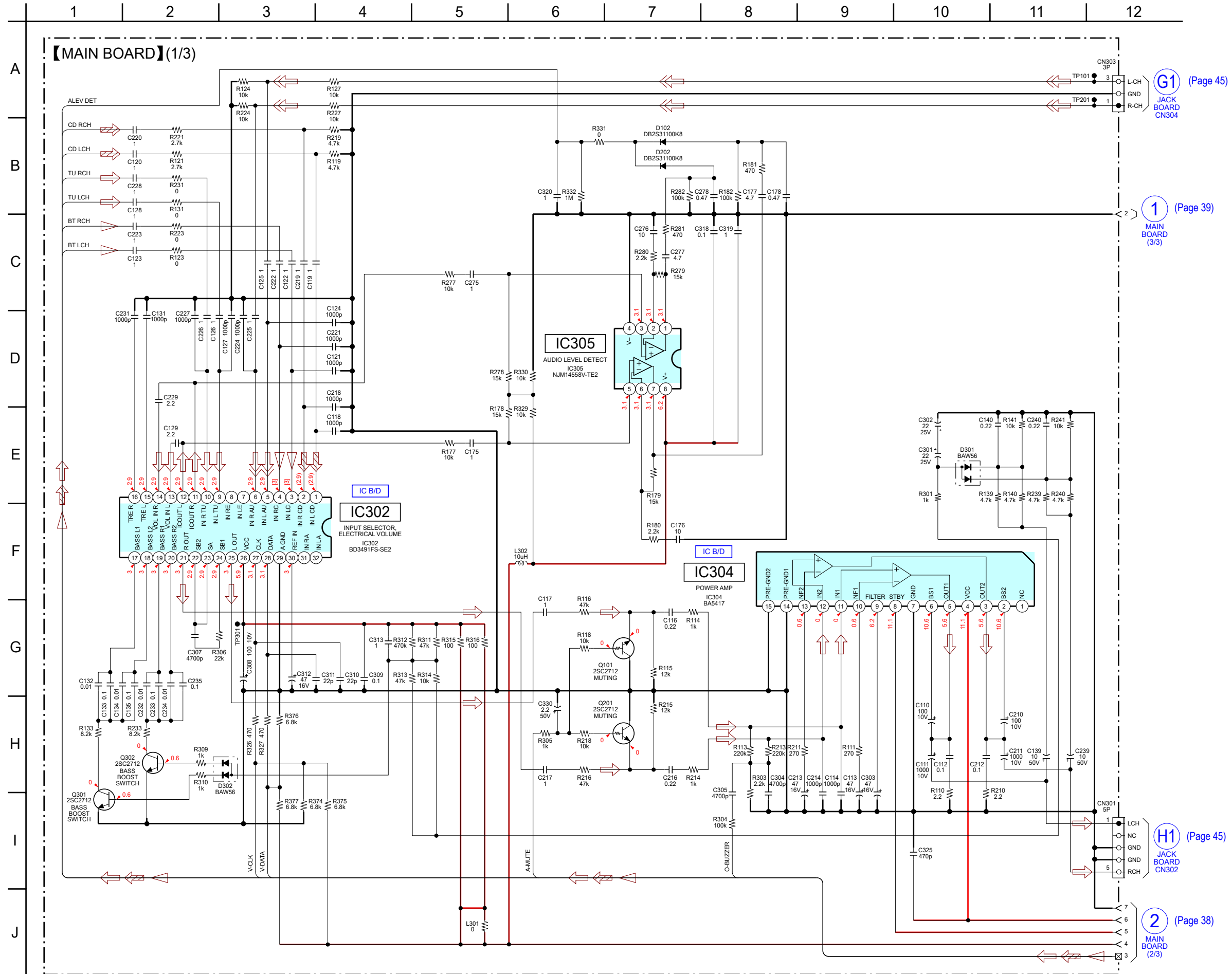
5-9. SCHEMATIC DIAGRAM - DAB Board (RS70BTB) - See page 50 for IC Block Diagrams.



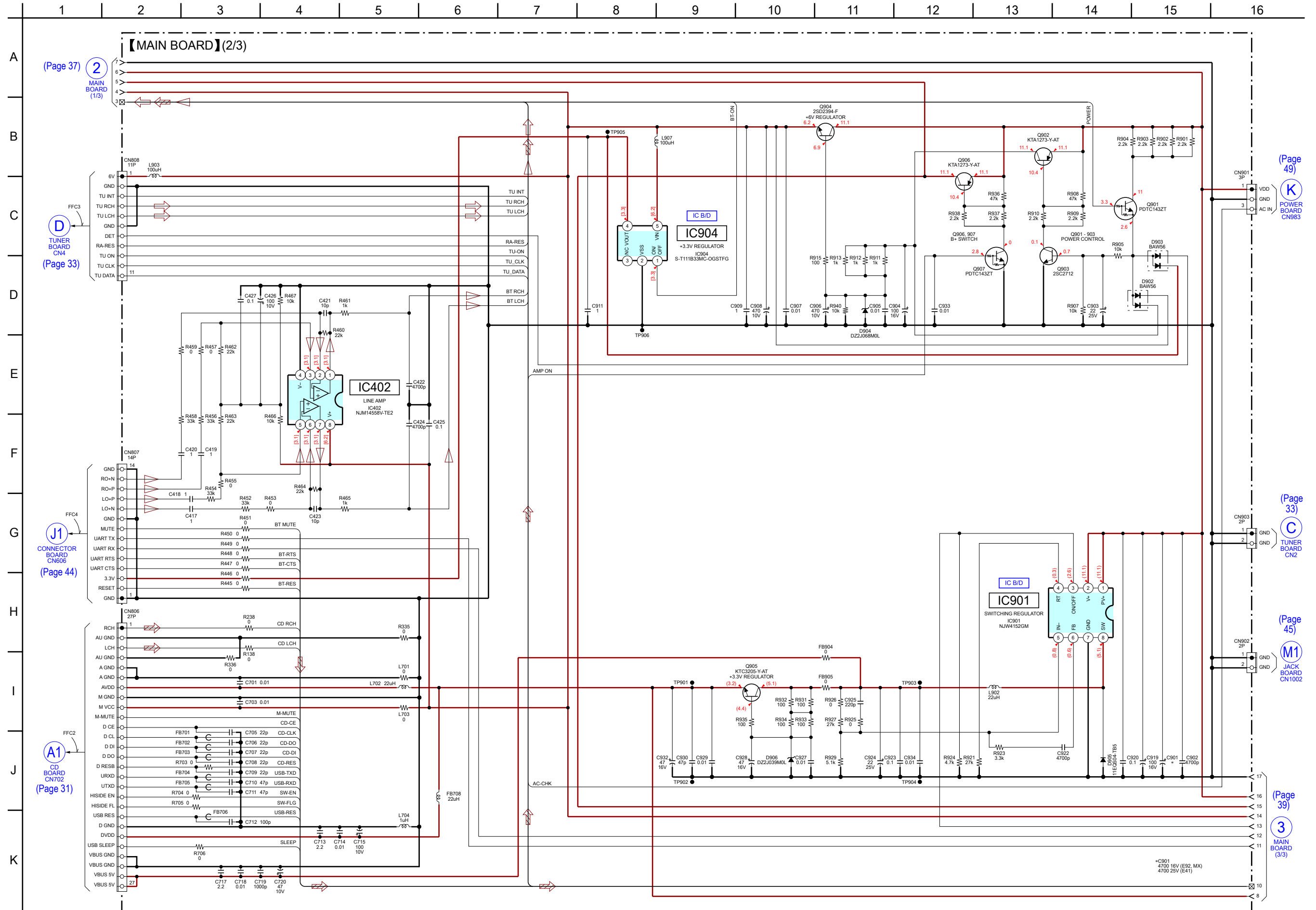
5-10. PRINTED WIRING BOARDS - MAIN Section (RS70BT) - • See page 29 for Circuit Boards Location. •  : Uses unleaded solder.



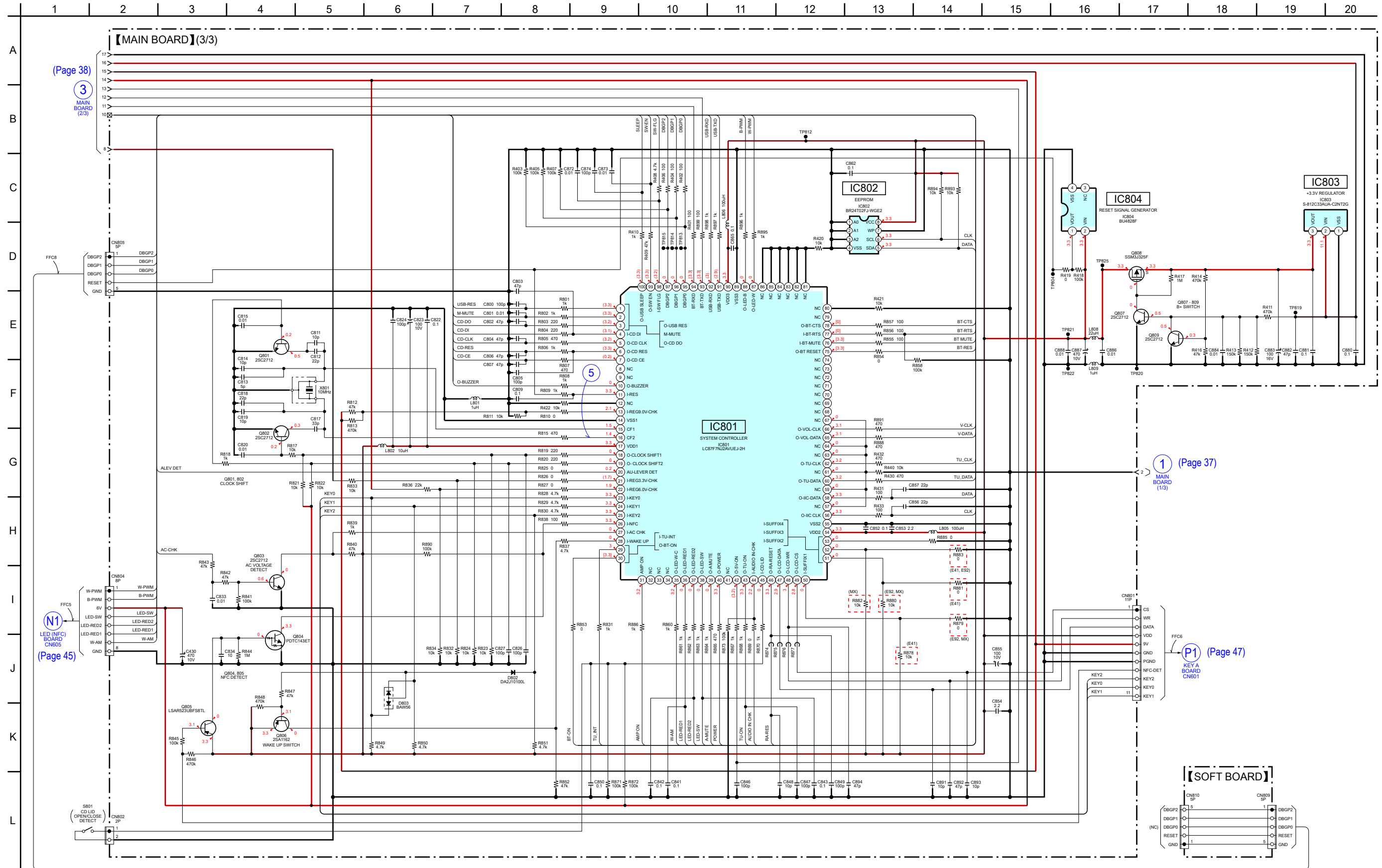
5-11. SCHEMATIC DIAGRAM - MAIN Section (1/3) (RS70BT) - • See page 50 for IC Block Diagrams.



5-12. SCHEMATIC DIAGRAM - MAIN Section (2/3) (RS70BT) - See page 50 for IC Block Diagrams.

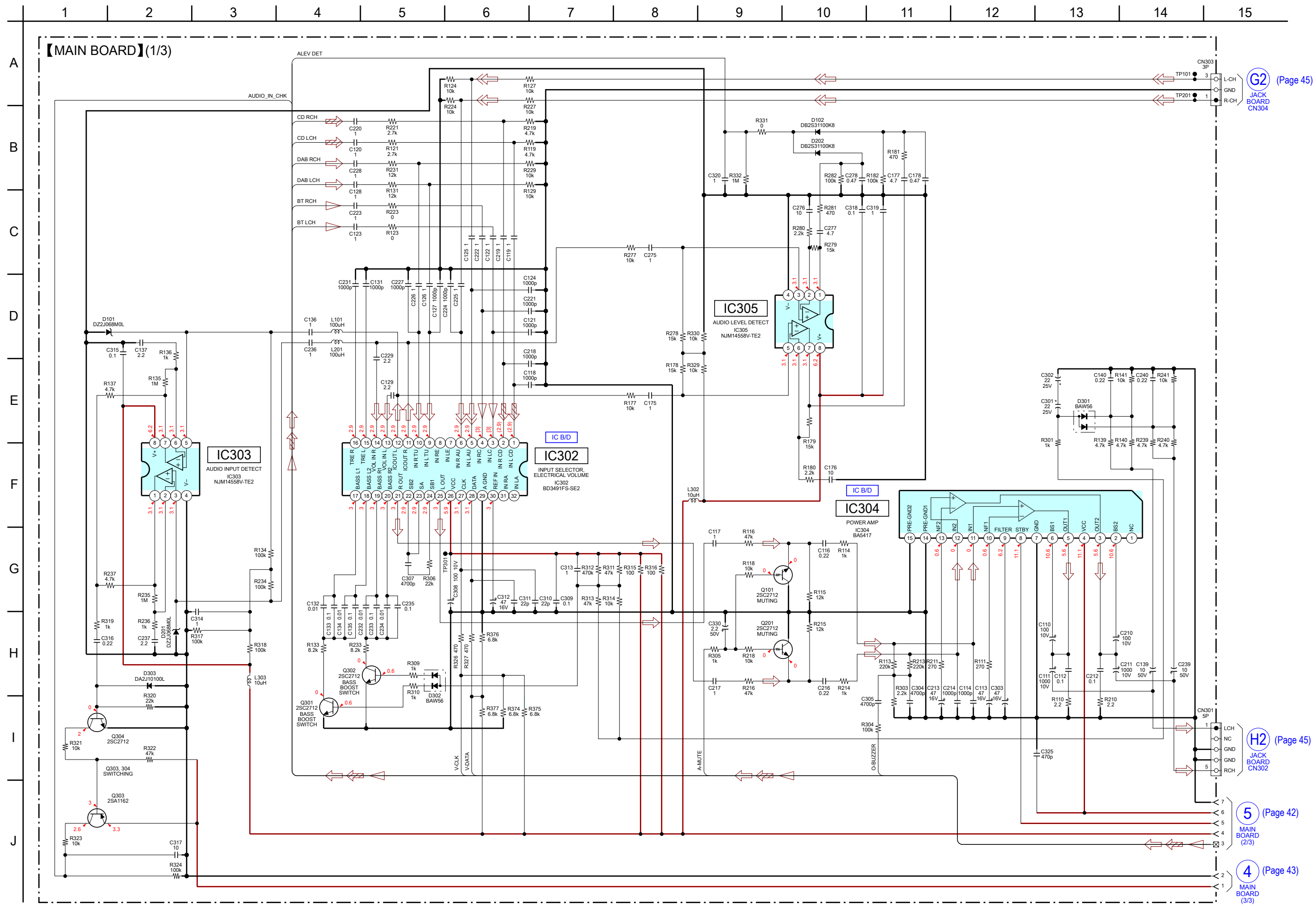


5-13. SCHEMATIC DIAGRAM - MAIN Section (3/3) (RS70BT) - See page 50 for Waveforms. See page 54 for IC Pin Function Description.

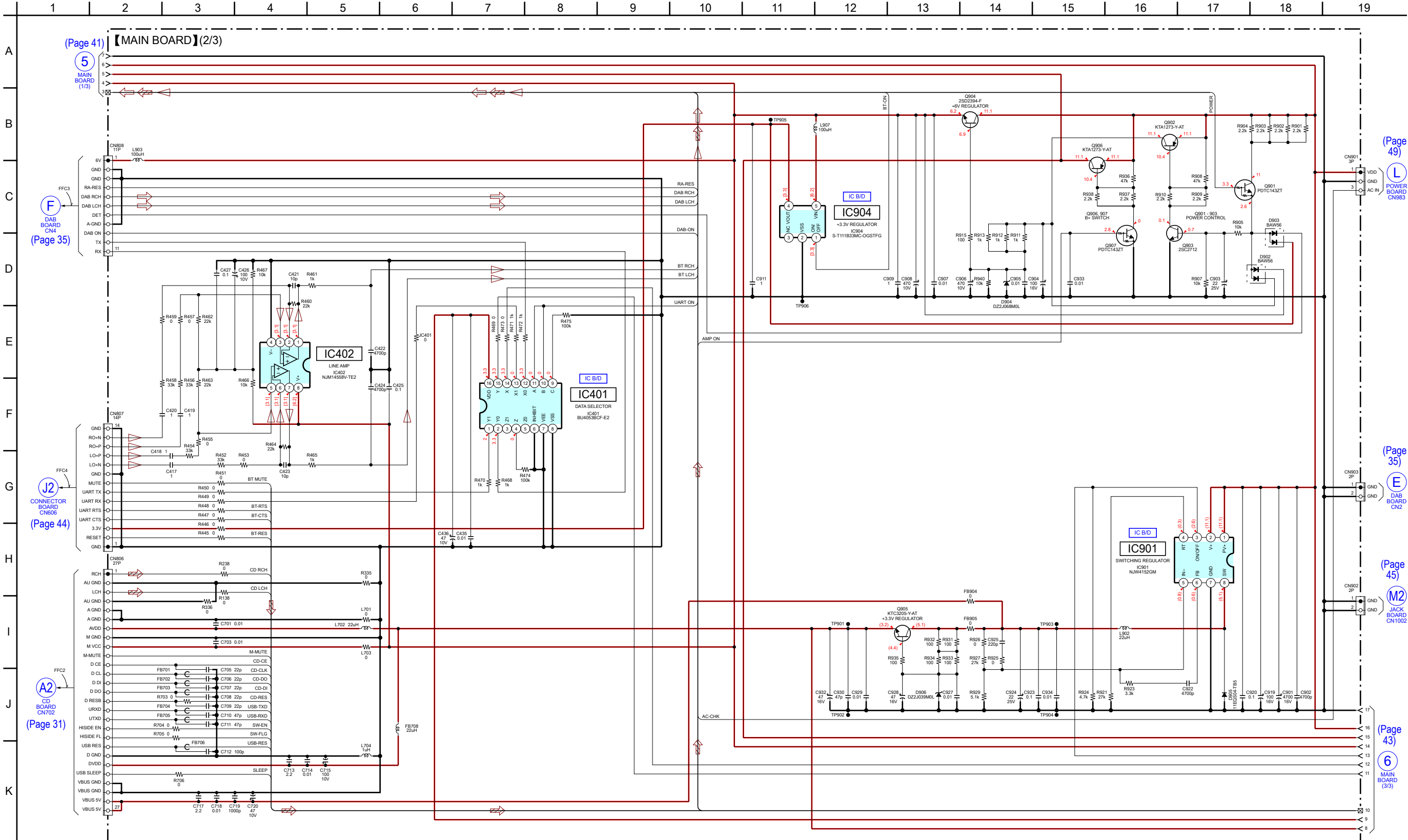


Note: IC801 on the MAIN board cannot exchange with single. When this part is damaged, exchange the complete mounted board.

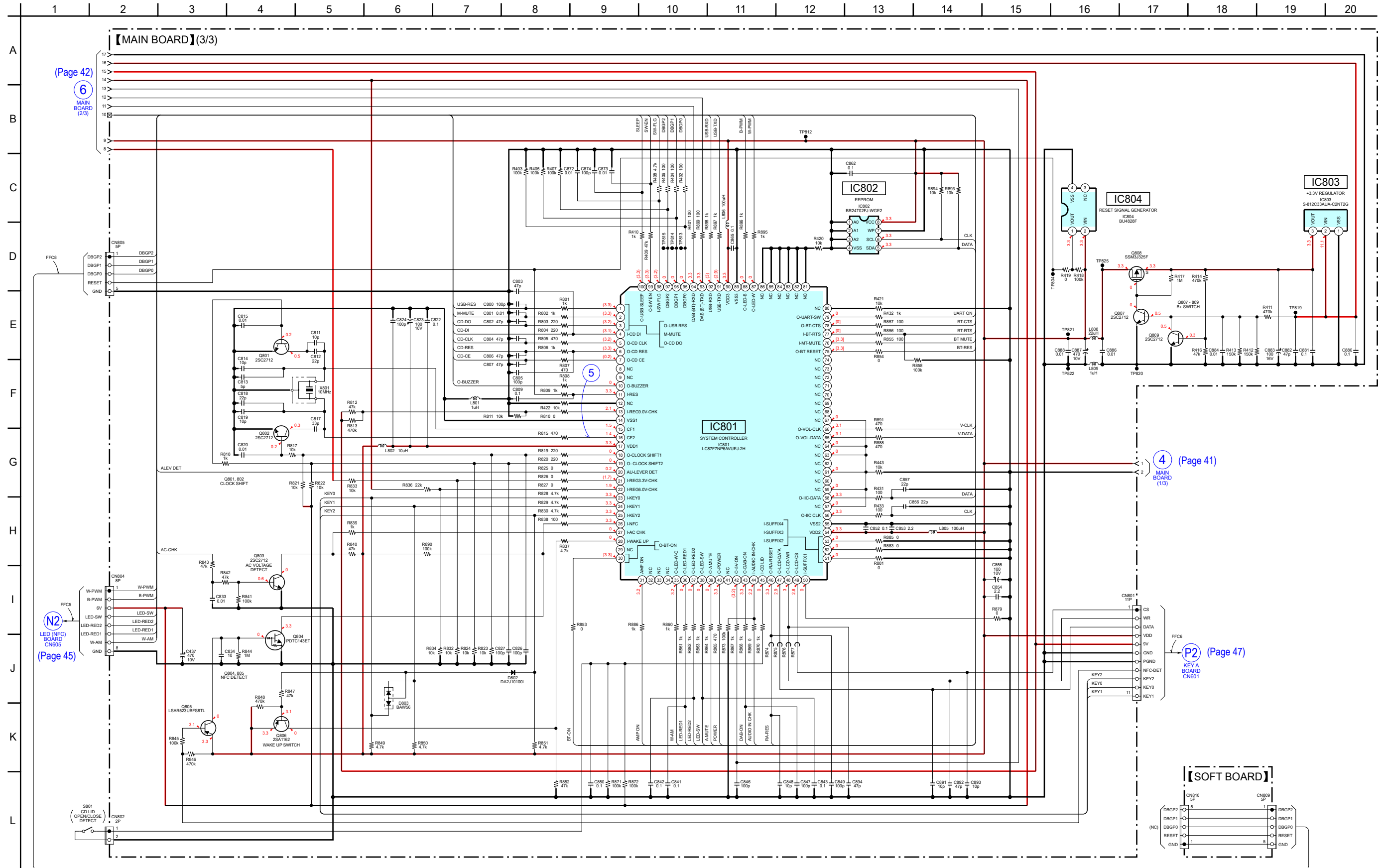
5-15. SCHEMATIC DIAGRAM - MAIN Section (1/3) (RS70BTB) - • See page 50 for IC Block Diagrams.



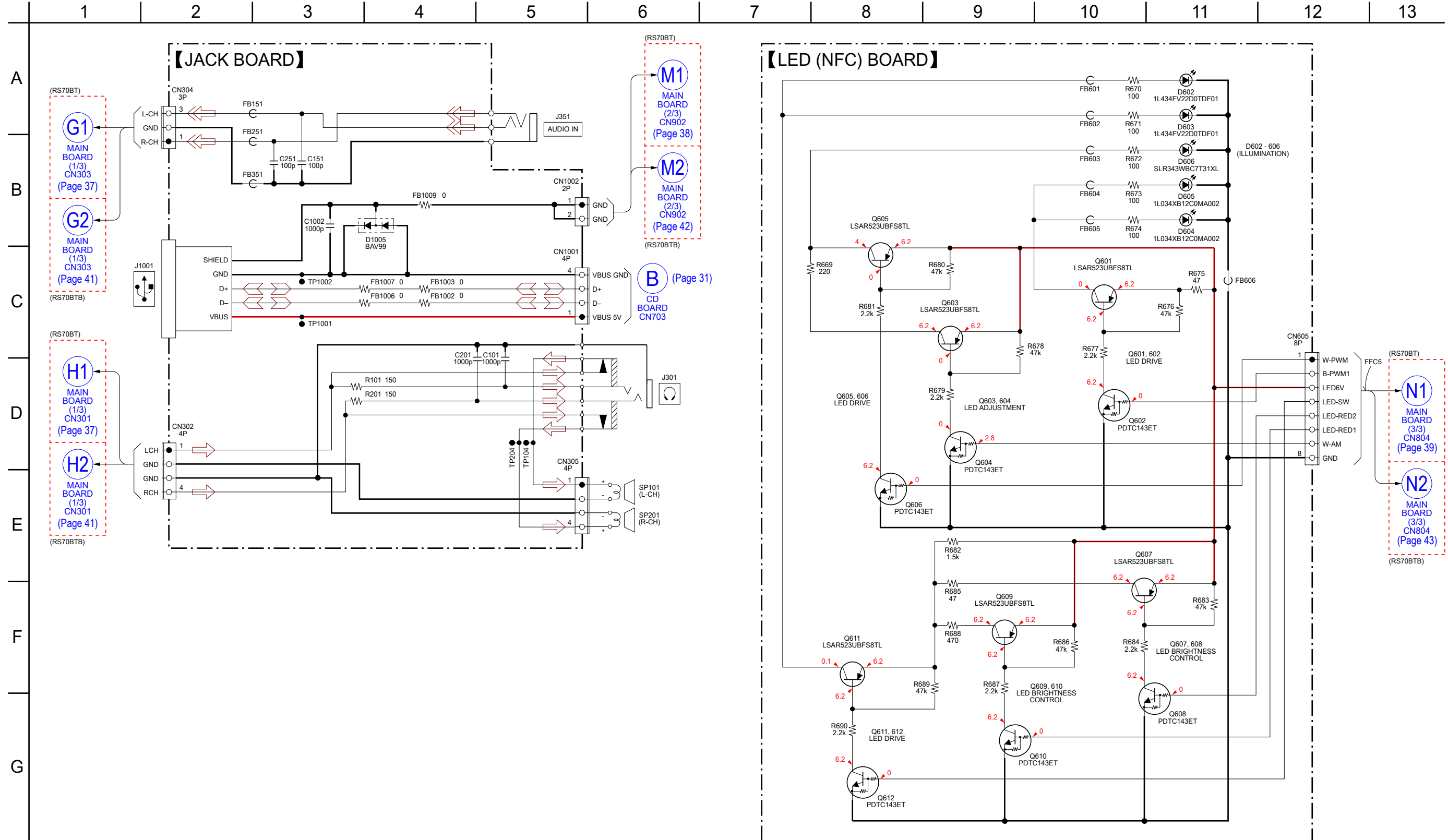
5-16. SCHEMATIC DIAGRAM - MAIN Section (2/3) (RS70BTB) - • See page 50 for IC Block Diagrams.



5-17. SCHEMATIC DIAGRAM - MAIN Section (3/3) (RS70BTB) - • See page 50 for Waveforms. • See page 54 for IC Pin Function Description.

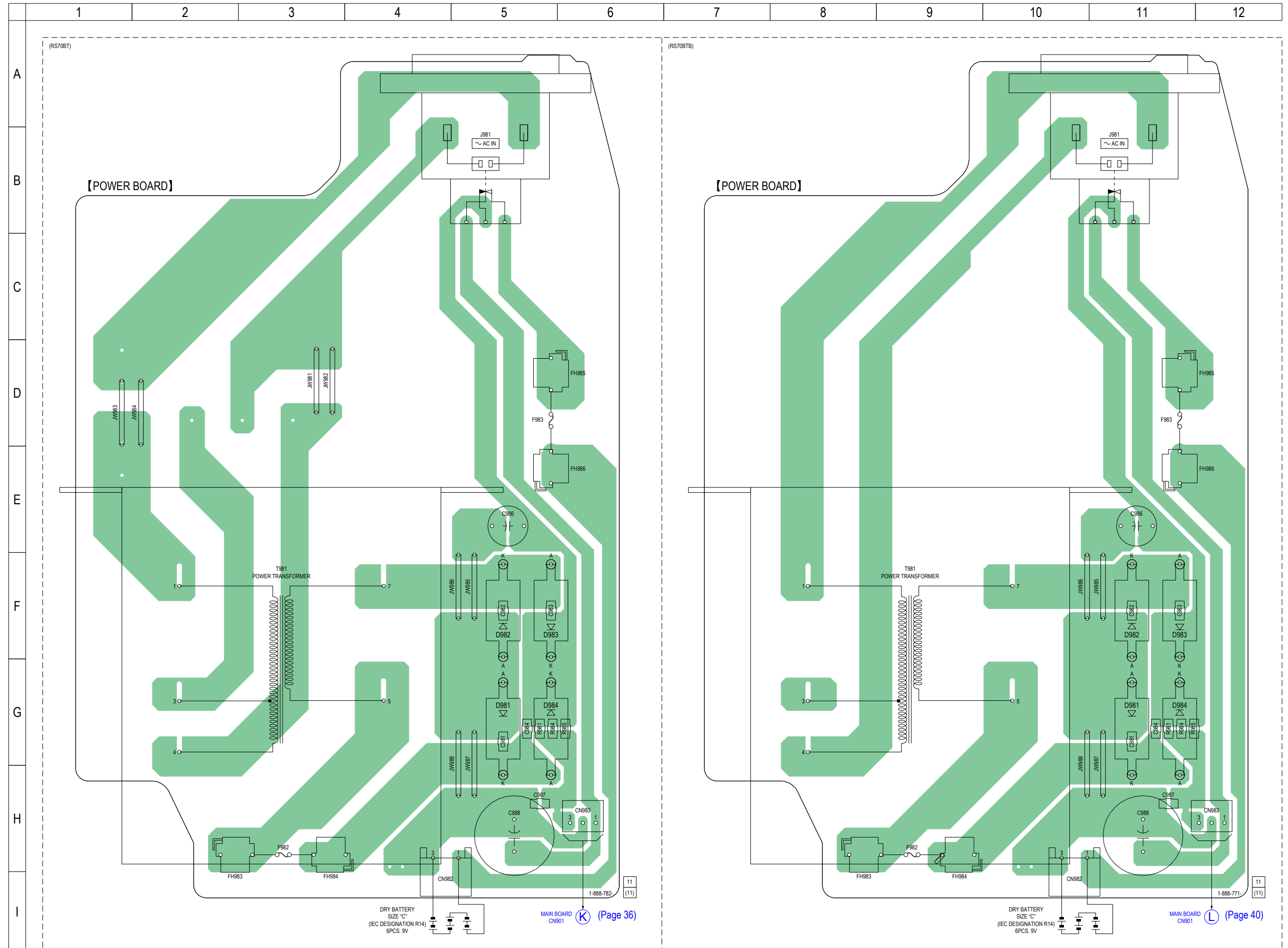


5-21. SCHEMATIC DIAGRAM - JACK/LED (NFC) Boards -

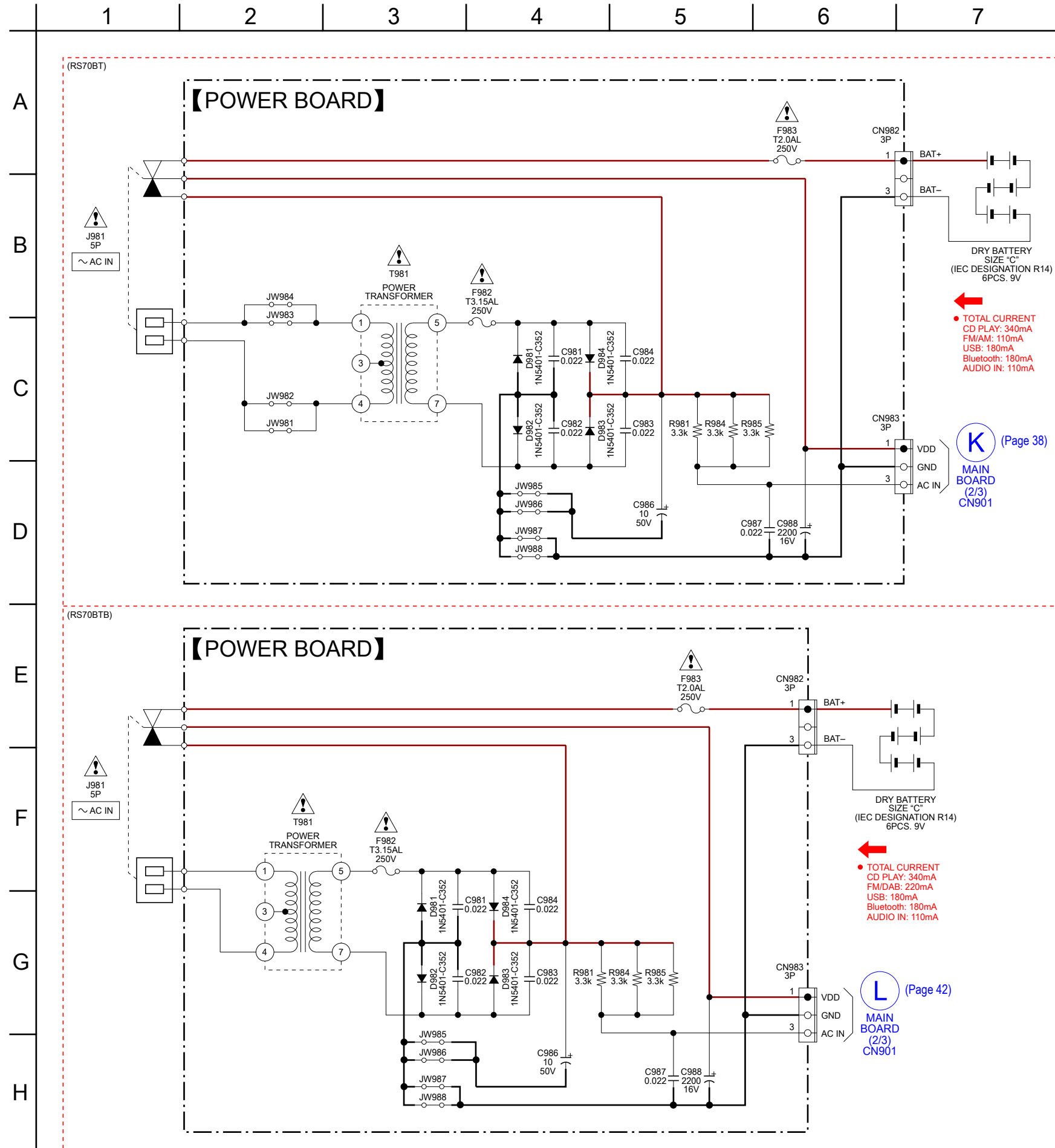


5-24. PRINTED WIRING BOARDS - POWER Board -

• See page 29 for Circuit Boards Location. •  : Uses unleaded solder.

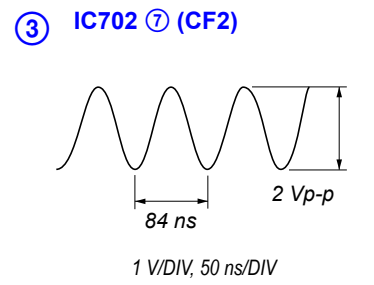
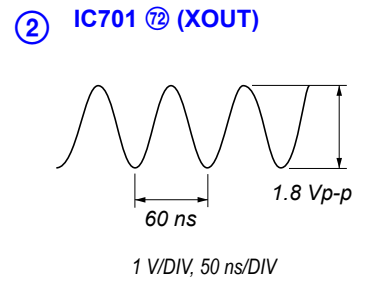
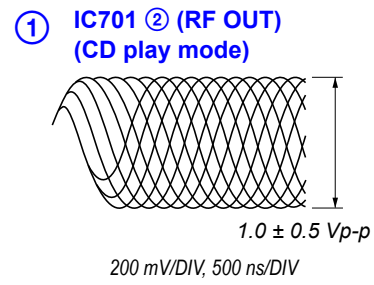


5-25. SCHEMATIC DIAGRAM - POWER Board -

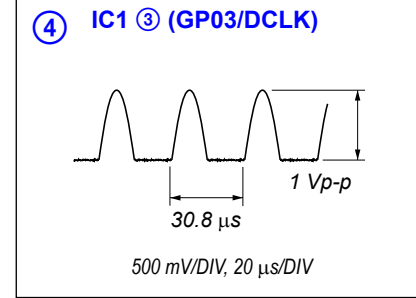


• Waveforms

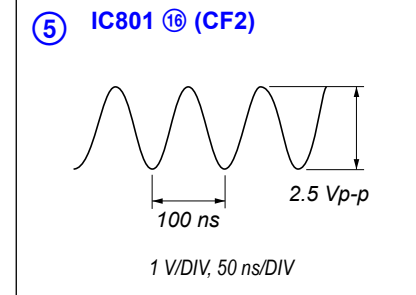
– CD Board –



– TUNER Board –

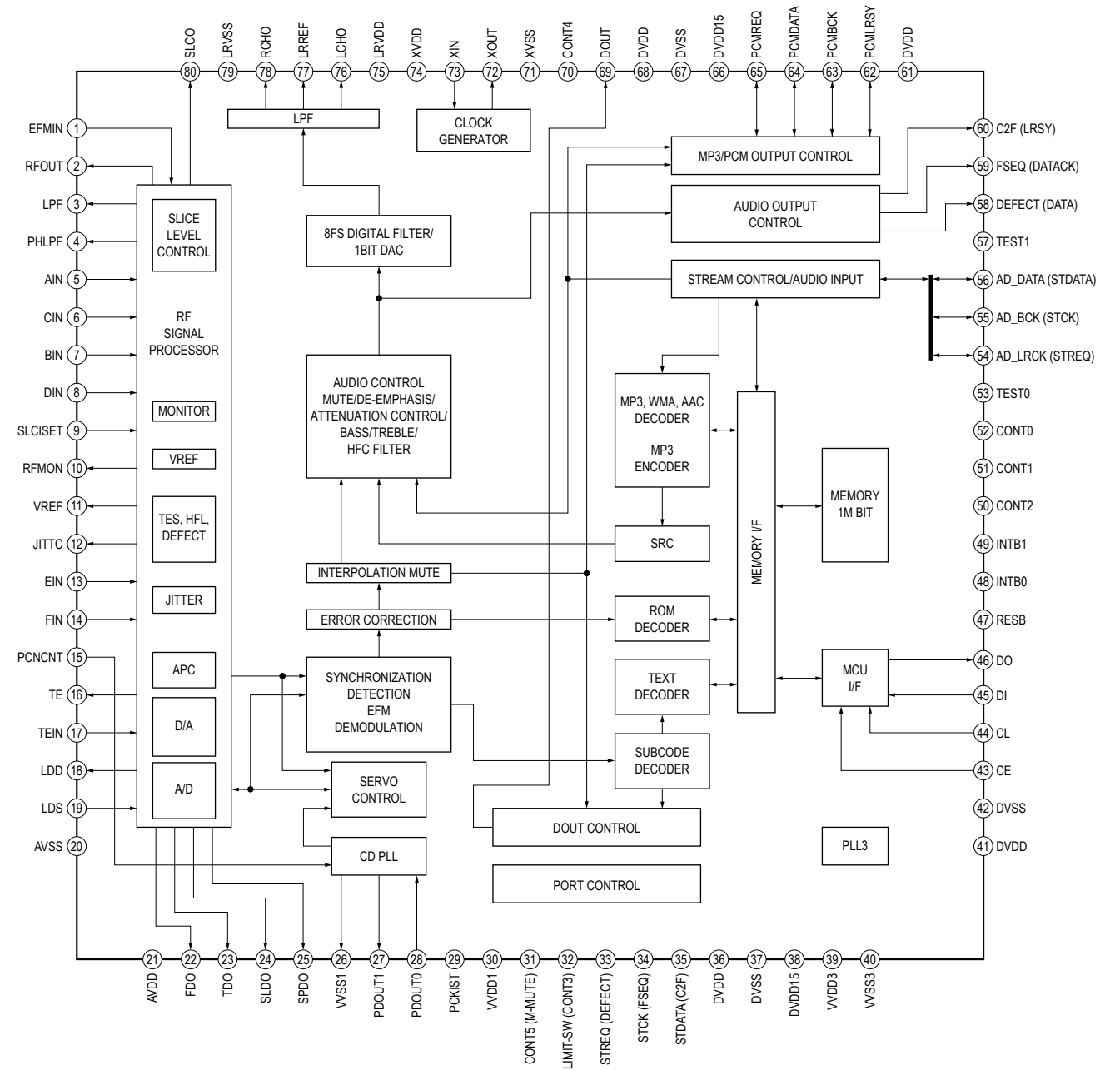


– MAIN Board –

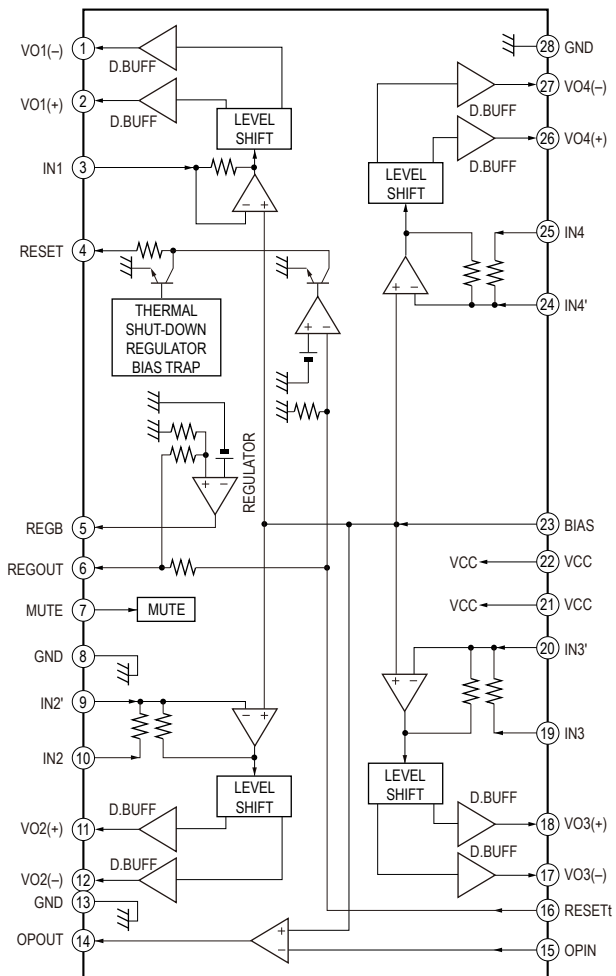


• IC Block Diagrams

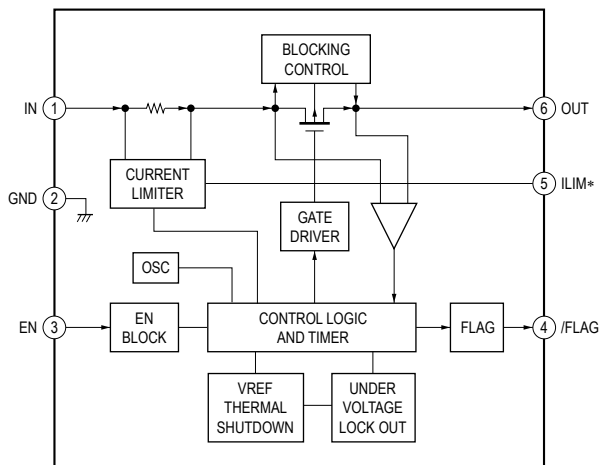
– CD Board –
IC701 LC786950T-US-H



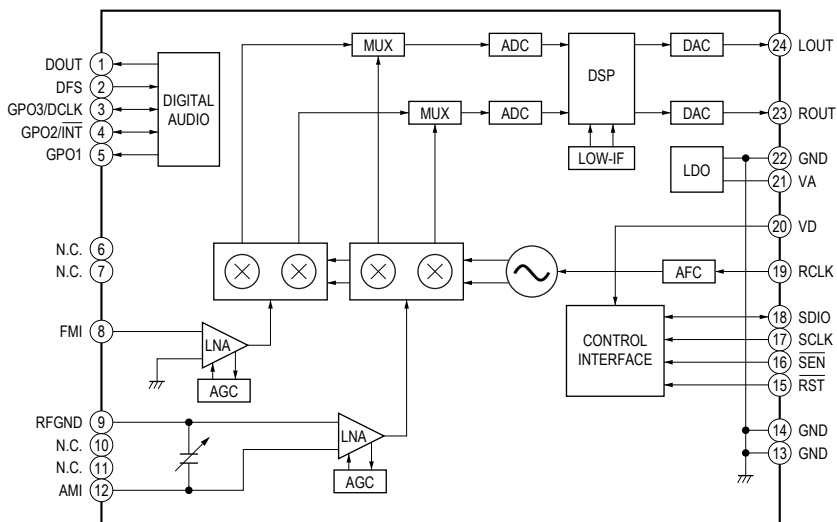
IC703 BA5826HFP-E2



IC704 NCP380HSNAJAAT1G

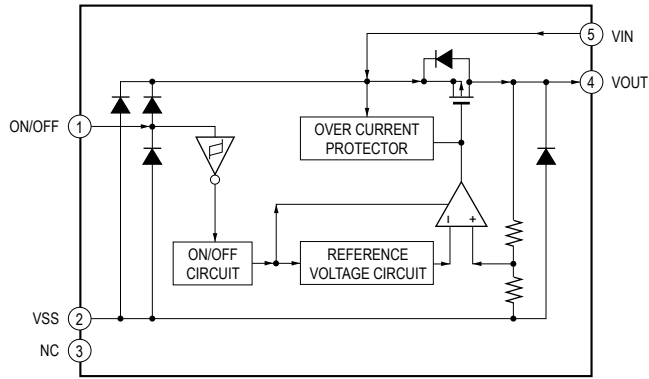


**- TUNER Board -
IC1 SI4730-D60-GUR**



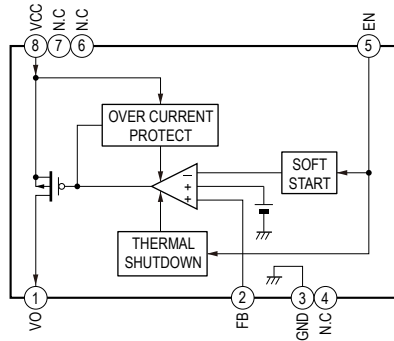
ZS-RS70BT/RS70BTB

IC905 S-T111B33MC-OGSTFG

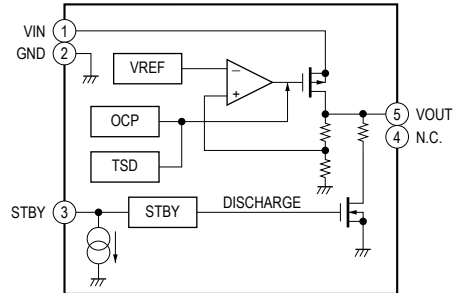


- DAB Board -

IC905 BD33HA3WEFJ-E2

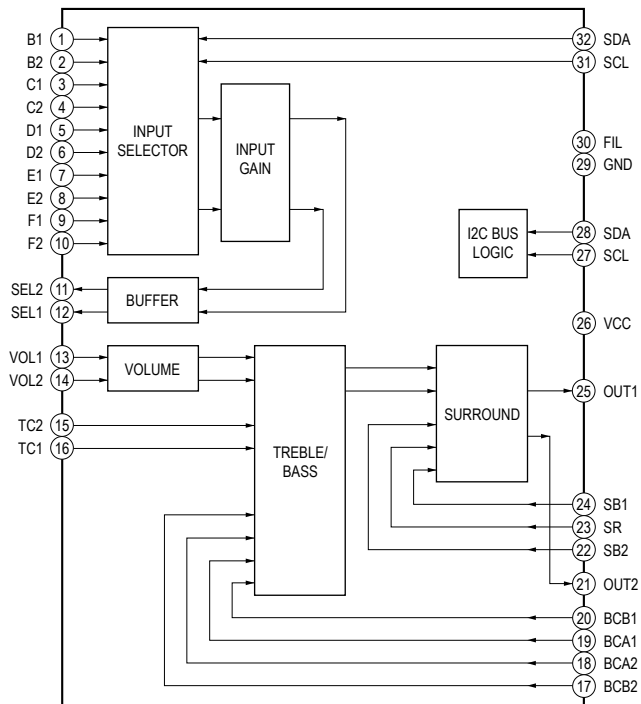


IC906 BU12TD3WG-TR

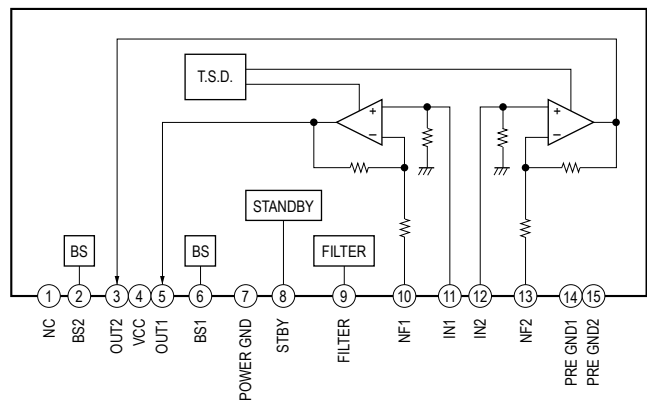


- MAIN Board -

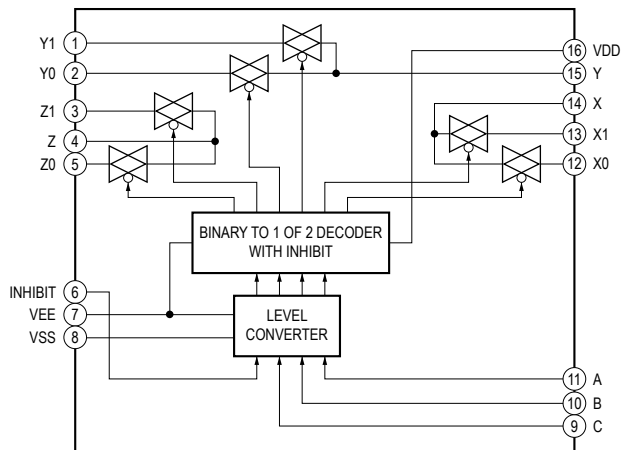
IC302 BD3491FS-SE2



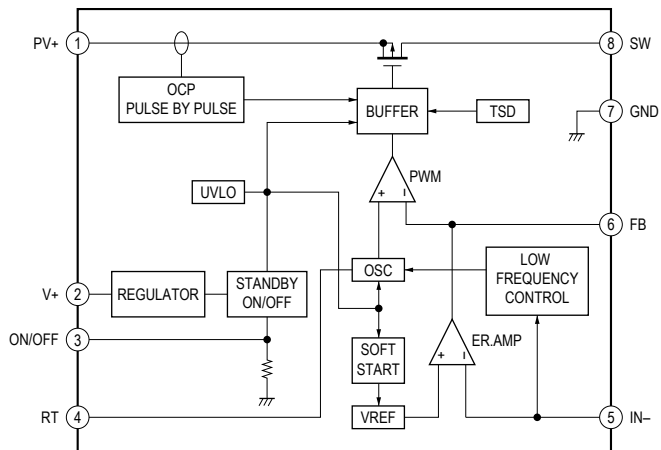
IC304 BA5417



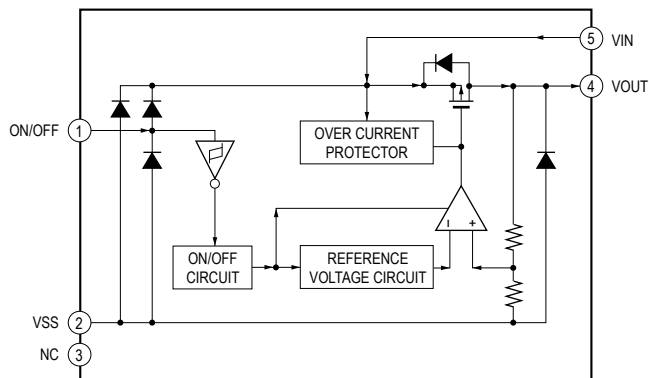
IC401 BU4053BCF-E2



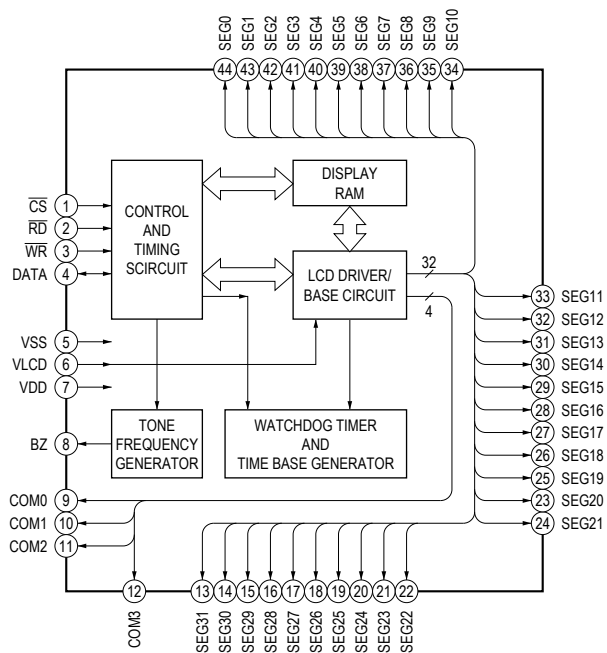
IC901 NJW4152GM1-A (TE2)



IC904 S-T111B33MC-OGSTFG



– KEY A Board –
IC601 HT1621



ZS-RS70BT/RS70BTB

• IC Pin Function Description

CD BOARD IC702 LC87F1JJ2AU-SQFP-H (USB CONTROLLER)

Pin No.	Pin Name	I/O	Description
1	P73	-	Not used
2	RES	I	Reset signal input from the system controller "L": reset
3	XT1	I	Sub system clock input terminal Fixed at "H" in this unit
4	XT2	O	Sub system clock output terminal Not used
5	VSS1	-	Ground terminal
6	CF1	I	Main system clock input terminal (12 MHz)
7	CF2	O	Main system clock output terminal (12 MHz)
8	VDD1	-	Power supply terminal (+3.3V)
9	SO	O	Serial data output to the CD-MP3 processor
10	SI	I	Serial data input from the CD-MP3 processor
11	SCK	I/O	Serial data transfer clock signal input from the system controller Serial data transfer clock signal output to the CD-MP3 processor
12 to 14	P13 to P15	-	Not used
15	CE	I	Chip enable signal input from the system controller
16	P17	-	Not used
17	PWM1/MCLKI	I	Not used
18	PWM0/MCLKO	O	Not used
19	VDD2	-	Power supply terminal (+3.3V)
20	VSS2	-	Ground terminal
21, 22	P00, P01	-	Not used
23 to 25	DBGP0 to DBGP2	I/O	Debug terminal
26	SDAT	I	Audio data input from the CD-MP3 processor
27	BCLK	I	Bit clock signal input from the CD-MP3 processor
28	LRCK	I	L/R sampling clock signal input from the CD-MP3 processor
29, 30	P20, P21	-	Not used
31	STDATAO	O	Stream data output to the CD-MP3 processor
32	PCMREQ	O	Audio data request signal output to the CD-MP3 processor
33	STCKO	O	Stream data transfer clock signal output to the CD-MP3 processor
34 to 36	P25 to P27	-	Not used
37	UHD-	I/O	Two-way USB data (-) bus with the USB connector
38	UHD+	I/O	Two-way USB data (+) bus with the USB connector
39	VDD3	-	Power supply terminal (+3.3V)
40	VSS3	-	Ground terminal
41	UFILT	-	PLL filter circuit connection terminal for USB interface
42	AFILT	-	PLL filter circuit connection terminal for audio interface Not used
43	P32	-	Not used
44	URX1	I	Serial data input from the system controller
45	UTX1	O	Serial data output to the system controller
46	STREQ0	I	Stream data request signal input from the CD-MP3 processor
47	USB-SLEEP	I	Sleep signal input from the system controller
48	P72	-	Not used

MAIN BOARD IC801 LC87F7NJ2AVUEJ-2H (SYSTEM CONTROLLER) (RS70BT)

Pin No.	Pin Name	I/O	Description
1	O-USB RES	O	Reset signal output to the USB controller "L": reset
2	M-MUTE	O	Muting on/off control signal output to the coil/motor drive "L": muting on
3	O-CD DO	O	Serial data output to the CD-MP3 processor
4	I-CD DI	I	Serial data input from the CD-MP3 processor
5	O-CD CLK	O	Serial data transfer clock signal output to the CD-MP3 processor and system controller
6	O-CD RES	O	Reset signal output to the CD-MP3 processor "L": reset
7	O-CD CE	O	Chip enable signal output to the CD-MP3 processor and system controller
8, 9	NC	O	Not used
10	O-BUZZER	O	Buzzer sound output terminal
11	I-RES	I	System reset signal input from the reset signal generator "L": reset For several hundreds msec. after the power supply rises, "L" is input, then it change to "H"
12	NC	I	Not used
13	I-REG9.0V-CHK	I	+9V power supply voltage detection signal input terminal
14	VSS1	-	Ground terminal
15	CF1	I	System clock input terminal (10 MHz)
16	CF2	O	System clock output terminal (10 MHz)
17	VDD1	-	Power supply terminal (+3.3V)
18, 19	O-CLOCK SHIFT1, O-CLOCK SHIFT2	O	Clock shift signal output terminal
20	AU-LEVEL DET	I	Audio level detection signal input from audio level detect IC
21	I-REG3.3V-CHK	I	CD section +3.3V power supply voltage detection signal input terminal
22	I-REG6.0V-CHK	I	+6V regulator output power supply voltage detection signal input terminal
23 to 25	I-KEY0 to I-KEY2	I	Front panel key input terminal (A/D input)
26	I-NFC	I	Interrupt signal input from the RC-S711 (NFC)
27	I-AC CHK	I	AC/DC input detection signal input terminal "L": AC, "H": DC
28	I-WAKE UP	I	Key wake-up signal input terminal
29	I-TU-INT	I	Interrupt signal input from the FM/AM receiver
30	O-BT-ON	O	Power supply on/off control signal output terminal for Bluetooth section "H": power on
31	AMP ON	O	Power supply on/off control signal output terminal for power amplifier "H": power on
32 to 34	NC	O	Not used
35	O-LED-W-C	O	LED drive adjustment signal output terminal for illumination (white) indicator
36, 37	O-LED-RED1, O-LED-RED2	O	LED brightness control signal output terminal for illumination (red) indicator
38	O-LED-SW	O	LED drive signal output terminal for illumination (red) indicator "H": LED on
39	O-A MUTE	O	Audio muting on/off control signal output terminal "H": muting on
40	O-POWER	O	Main power supply on/off control signal output terminal "H": power on
41	NC	O	Not used
42	O-5V-ON	O	Power supply on/off control signal output terminal for CD and USB section "H": power on
43	O-TU-ON	O	Power supply on/off control signal output terminal for tuner section "H": power on
44	I-AUDIO IN-CHK	I	AUDIO IN detection signal input terminal Not used
45	I-CD LID	I	CD lid open/close detection signal input terminal "L": CD lid is closed, "H": CD lid is opened
46	O-RA-RESET	O	Reset signal output to the FM/AM receiver "L": reset
47	O-LCD-DATA	O	Serial data output to the liquid crystal display driver
48	O-LCD-WR	O	Write clock signal output to the liquid crystal display driver
49	O-LCD-CS	O	Chip select signal output to the liquid crystal display driver
50 to 53	I-SUFFIX1 to I-SUFFIX4	I	Destination setting terminal
54	VDD2	-	Power supply terminal (+3.3V)
55	VSS2	-	Ground terminal
56	O-IIC CLK	O	Serial data transfer clock signal output to the EEPROM
57	NC	O	Not used
58	O-IIC-DATA	I/O	Two-way serial data with the EEPROM
59	NC	O	Not used
60	O-TU-DATA	I/O	Two-way serial data with the FM/AM receiver
61	NC	O	Not used
62	O-TU-CLK	O	Serial data transfer clock signal output to the FM/AM receiver
63, 64	NC	O	Not used
65	O-VOL-DATA	I/O	Two-way serial data with the electrical volume
66	O-VOL-CLK	O	Serial data transfer clock signal output to the electrical volume

ZS-RS70BT/RS70BTB

Pin No.	Pin Name	I/O	Description
67 to 74	NC	O	Not used
75	O-BT RESET	O	Reset signal output to the Bluetooth module "L": reset
76	I-BT-MUTE	I	Muting on/off control signal input from the Bluetooth module "L": muting on
77	I-BT-RTS	I	Request to send signal input from the Bluetooth module
78	O-BT-CTS	O	Clear to send signal output to the Bluetooth module
79	NC	O	Not used
80 to 86	NC	I	Not used
87	O-LED-W	O	LED drive signal output terminal for illumination (white) indicator "H": LED on
88	O-LED-B	O	LED drive signal output terminal for illumination (blue) indicator "H": LED on
89	VSS3	-	Ground terminal
90	VDD3	-	Power supply terminal (+3.3V)
91	USB-TXD	O	Serial data output to the USB controller
92	USB-RXD	I	Serial data input from the USB controller
93	BT-TXD	O	Serial data output to the Bluetooth module
94	BT-RXD	I	Serial data input from the Bluetooth module
95 to 97	DBGP0 to DBGP2	I/O	Debug terminal
98	I-SW FLG	I	VBUS power supply fault signal input terminal
99	O-SW EN	O	VBUS power supply on/off control signal output terminal "H": power on
100	O-USB SLEEP	O	Sleep signal output to the USB controller

MAIN BOARD IC801 LC87F7NP6AVUEJ-2H (SYSTEM CONTROLLER) (RS70BTB)

Pin No.	Pin Name	I/O	Description
1	O-USB RES	O	Reset signal output to the USB controller "L": reset
2	M-MUTE	O	Muting on/off control signal output to the coil/motor drive "L": muting on
3	O-CD DO	O	Serial data output to the CD-MP3 processor
4	I-CD DI	I	Serial data input from the CD-MP3 processor
5	O-CD CLK	O	Serial data transfer clock signal output to the CD-MP3 processor and system controller
6	O-CD RES	O	Reset signal output to the CD-MP3 processor "L": reset
7	O-CD CE	O	Chip enable signal output to the CD-MP3 processor and system controller
8, 9	NC	O	Not used
10	O-BUZZER	O	Buzzer sound output terminal
11	I-RES	I	System reset signal input from the reset signal generator "L": reset For several hundreds msec. after the power supply rises, "L" is input, then it change to "H"
12	NC	I	Not used
13	I-REG9.0V-CHK	I	+9V power supply voltage detection signal input terminal
14	VSS1	-	Ground terminal
15	CF1	I	System clock input terminal (10 MHz)
16	CF2	O	System clock output terminal (10 MHz)
17	VDD1	-	Power supply terminal (+3.3V)
18, 19	O-CLOCK SHIFT1, O-CLOCK SHIFT2	O	Clock shift signal output terminal
20	AU-LEVEL DET	I	Audio level detection signal input from audio level detect IC
21	I-REG3.3V-CHK	I	CD section +3.3V power supply voltage detection signal input terminal
22	I-REG6.0V-CHK	I	+6V regulator output power supply voltage detection signal input terminal
23 to 25	I-KEY0 to I-KEY2	I	Front panel key input terminal (A/D input)
26	I-NFC	I	Interrupt signal input from the RC-S711 (NFC)
27	I-AC CHK	I	AC/DC input detection signal input terminal "L": AC, "H": DC
28	I-WAKE UP	I	Key wake-up signal input terminal
29	NC	I	Not used
30	O-BT-ON	O	Power supply on/off control signal output terminal for Bluetooth section "H": power on
31	AMP ON	O	Power supply on/off control signal output terminal for power amplifier "H": power on
32 to 34	NC	O	Not used
35	O-LED-W-C	O	LED drive adjustment signal output terminal for illumination (white) indicator
36, 37	O-LED-RED1, O-LED-RED2	O	LED brightness control signal output terminal for illumination (red) indicator
38	O-LED-SW	O	LED drive signal output terminal for illumination (red) indicator "H": LED on
39	O-A MUTE	O	Audio muting on/off control signal output terminal "H": muting on
40	O-POWER	O	Main power supply on/off control signal output terminal "H": power on
41	NC	O	Not used
42	O-5V-ON	O	Power supply on/off control signal output terminal for CD and USB section "H": power on
43	O-DAB-ON	O	Power supply on/off control signal output terminal for DAB section "H": power on
44	I-AUDIO IN-CHK	I	AUDIO IN detection signal input from audio input detect IC "L": no signal, "H": signal in
45	I-CD LID	I	CD lid open/close detection signal input terminal "L": CD lid is closed, "H": CD lid is opened
46	O-RA-RESET	O	Reset signal output to the FM/AM receiver "L": reset
47	O-LCD-DATA	O	Serial data output to the liquid crystal display driver
48	O-LCD-WR	O	Write clock signal output to the liquid crystal display driver
49	O-LCD-CS	O	Chip select signal output to the liquid crystal display driver
50 to 53	I-SUFFIX1 to I-SUFFIX4	I	Destination setting terminal
54	VDD2	-	Power supply terminal (+3.3V)
55	VSS2	-	Ground terminal
56	O-IIC CLK	O	Serial data transfer clock signal output to the EEPROM
57	NC	O	Not used
58	O-IIC-DATA	I/O	Two-way serial data with the EEPROM
59	NC	O	Not used
60	NC	I/O	Not used
61 to 64	NC	O	Not used
65	O-VOL-DATA	I/O	Two-way serial data with the electrical volume
66	O-VOL-CLK	O	Serial data transfer clock signal output to the electrical volume
67 to 74	NC	O	Not used
75	O-BT RESET	O	Reset signal output to the Bluetooth module "L": reset

ZS-RS70BT/RS70BTB

Pin No.	Pin Name	I/O	Description
76	I-BT-MUTE	I	Muting on/off control signal input from the Bluetooth module "L": muting on
77	I-BT-RTS	I	Request to send signal input from the Bluetooth module
78	O-BT-CTS	O	Clear to send signal output to the Bluetooth module
79	O-UART-SW	O	Serial data selection signal output to the data selector "L": DAB, "H": Bluetooth
80 to 86	NC	I	Not used
87	O-LED-W	O	LED drive signal output terminal for illumination (white) indicator "H": LED on
88	O-LED-B	O	LED drive signal output terminal for illumination (blue) indicator "H": LED on
89	VSS3	-	Ground terminal
90	VDD3	-	Power supply terminal (+3.3V)
91	USB-TXD	O	Serial data output to the USB controller
92	USB-RXD	I	Serial data input from the USB controller
93	DAB (BT) -TXD	O	Serial data output to the Bluetooth module and DAB module
94	DAB (BT) -RXD	I	Serial data input from the Bluetooth module and DAB module
95 to 97	DBGP0 to DBGP2	I/O	Debug terminal
98	I-SW FLG	I	VBUS power supply fault signal input terminal
99	O-SW EN	O	VBUS power supply on/off control signal output terminal "H": power on
100	O-USB SLEEP	O	Sleep signal output to the USB controller

SECTION 6 EXPLODED VIEWS

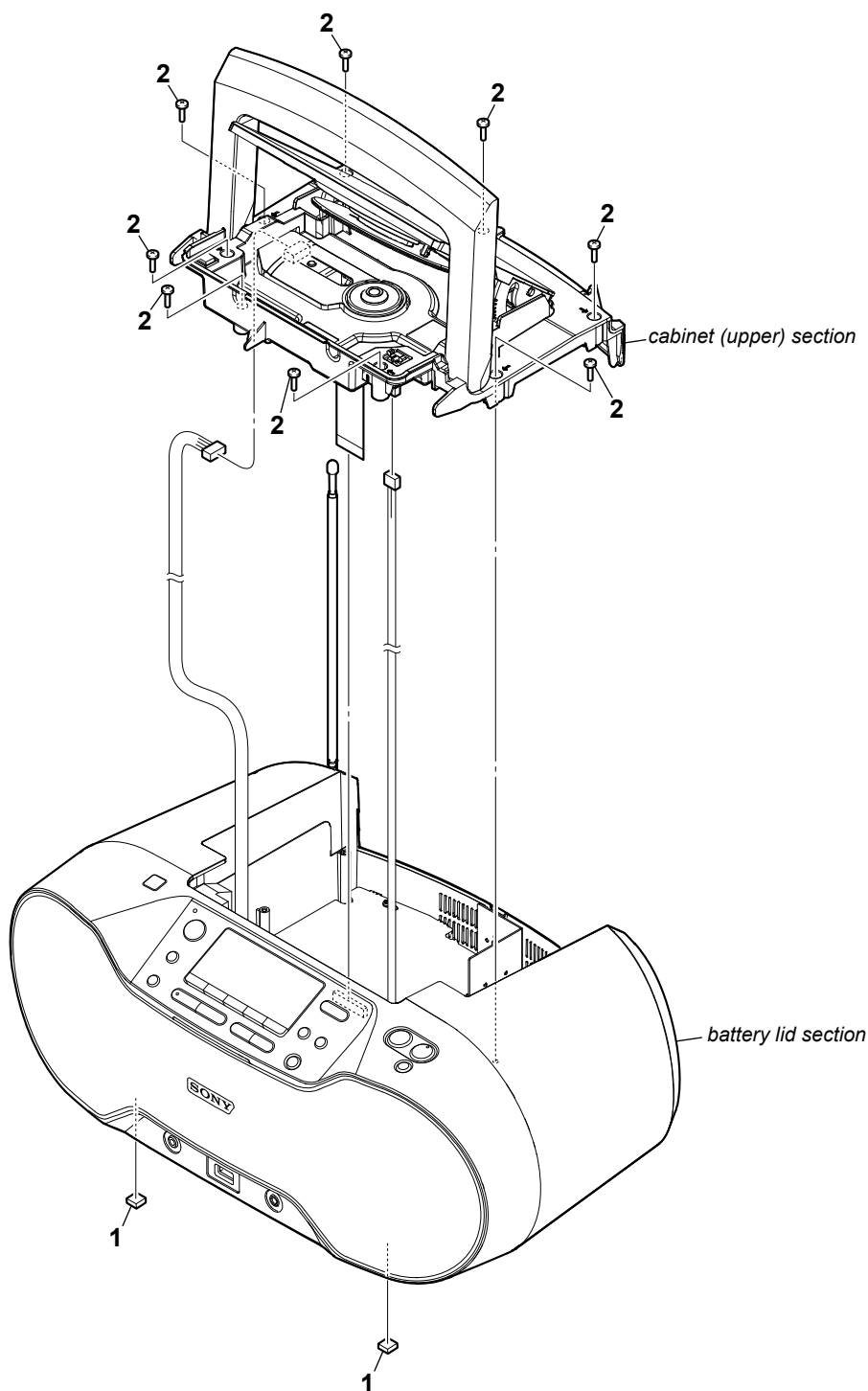
Note:

- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.

- Color Indication of Appearance Parts Example:
 KNOB, BALANCE (WHITE) . . . (RED)
 ↑ ↑
 Parts Color Cabinet's Color
- Abbreviation
 E41 : Bolivian, Chilean, Paraguayan, Peruvian and Uruguayan models
 E92 : Venezuelan, Panamanian, Honduran, Guatemalan, Colombian, Costa Ri-ca, Dominican, Ecuadorean and El Salvador models
 MX : Mexican model

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety. Replace only with part number specified.

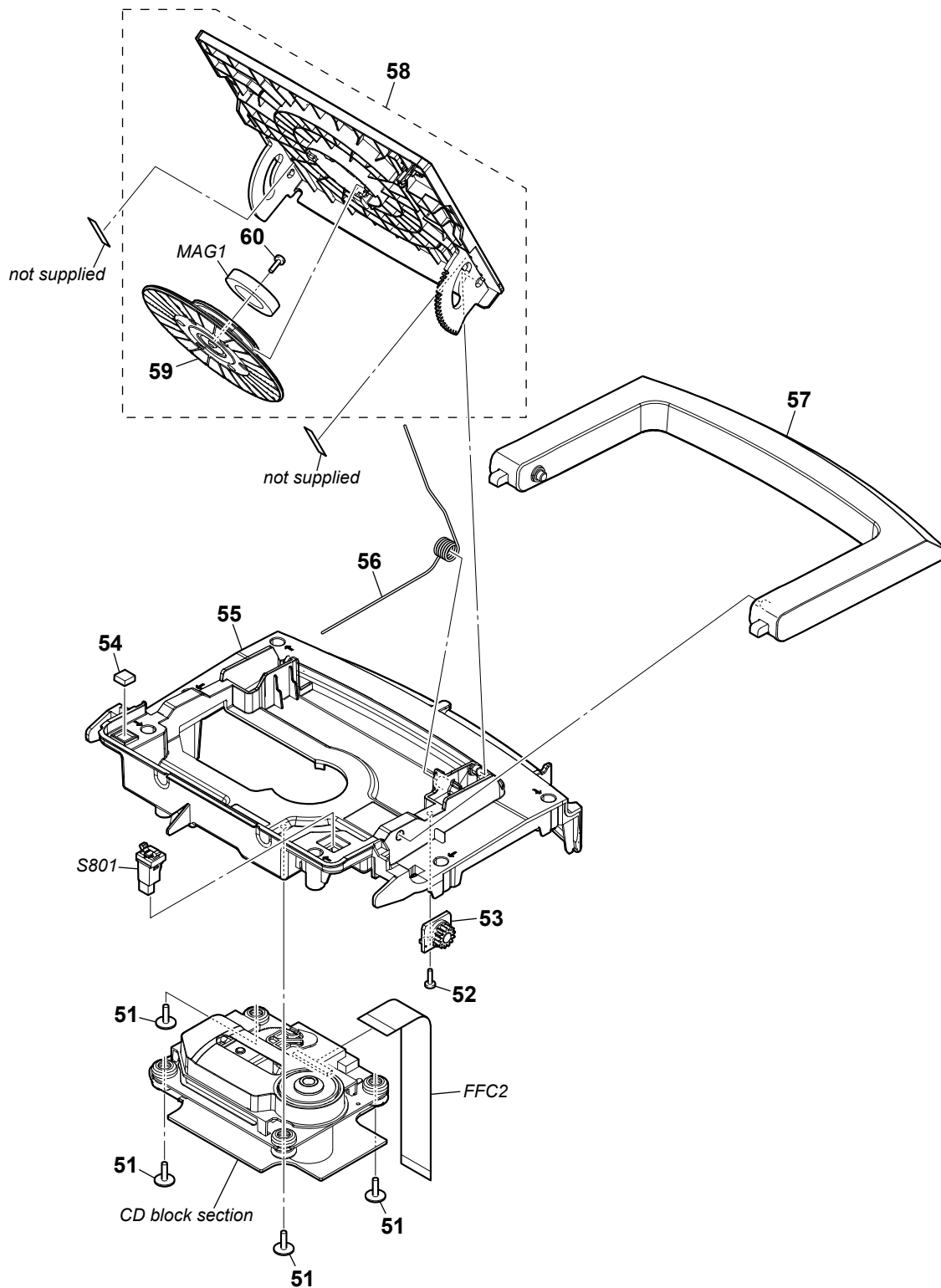
6-1. OVERALL SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	4-167-417-01	FOOT (FRONT), RUBBER		2	3-252-827-01	SCREW (B2.6), (+) BV TAPPING	

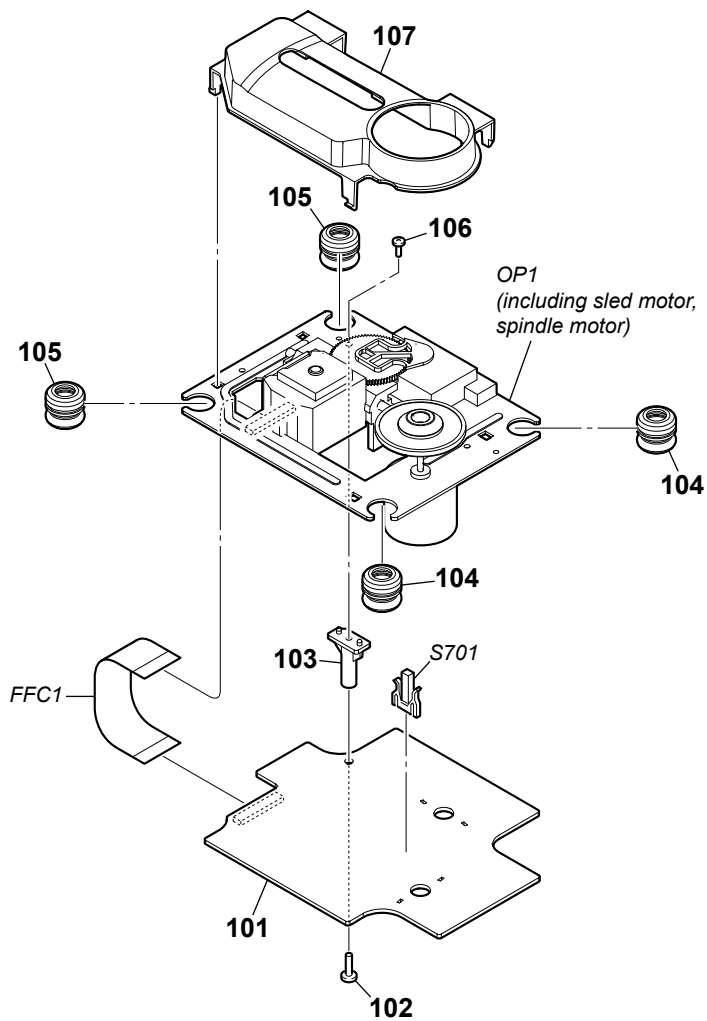
ZS-RS70BT/RS70BTB

6-2. CABINET (UPPER) SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	3-252-828-01	SCREW (B2.6), (+) PWH TAPPING		58	A-1956-123-A	LID, CD ASSY	
52	3-252-827-01	SCREW (B2.6), (+) BV TAPPING		59	4-167-391-02	PLATE, CHUCKING	
53	3-047-468-71	DAMPER		60	3-253-143-01	SCREW (B2.6), (+) P TAPPING	
54	4-167-417-01	FOOT (FRONT), RUBBER		FFC2	1-832-646-11	CABLE, FLEXIBLE FLAT (27 CORE)	
55	4-465-244-01	CABINET (UPPER)		MAG1	1-452-899-11	MAGNET	
56	4-465-304-01	SPRING (CD)		S801	1-692-960-11	SWITCH, PUSH (1 KEY)	(CD LID OPEN/CLOSE DETECT)
57	4-465-253-01	HANDLE					

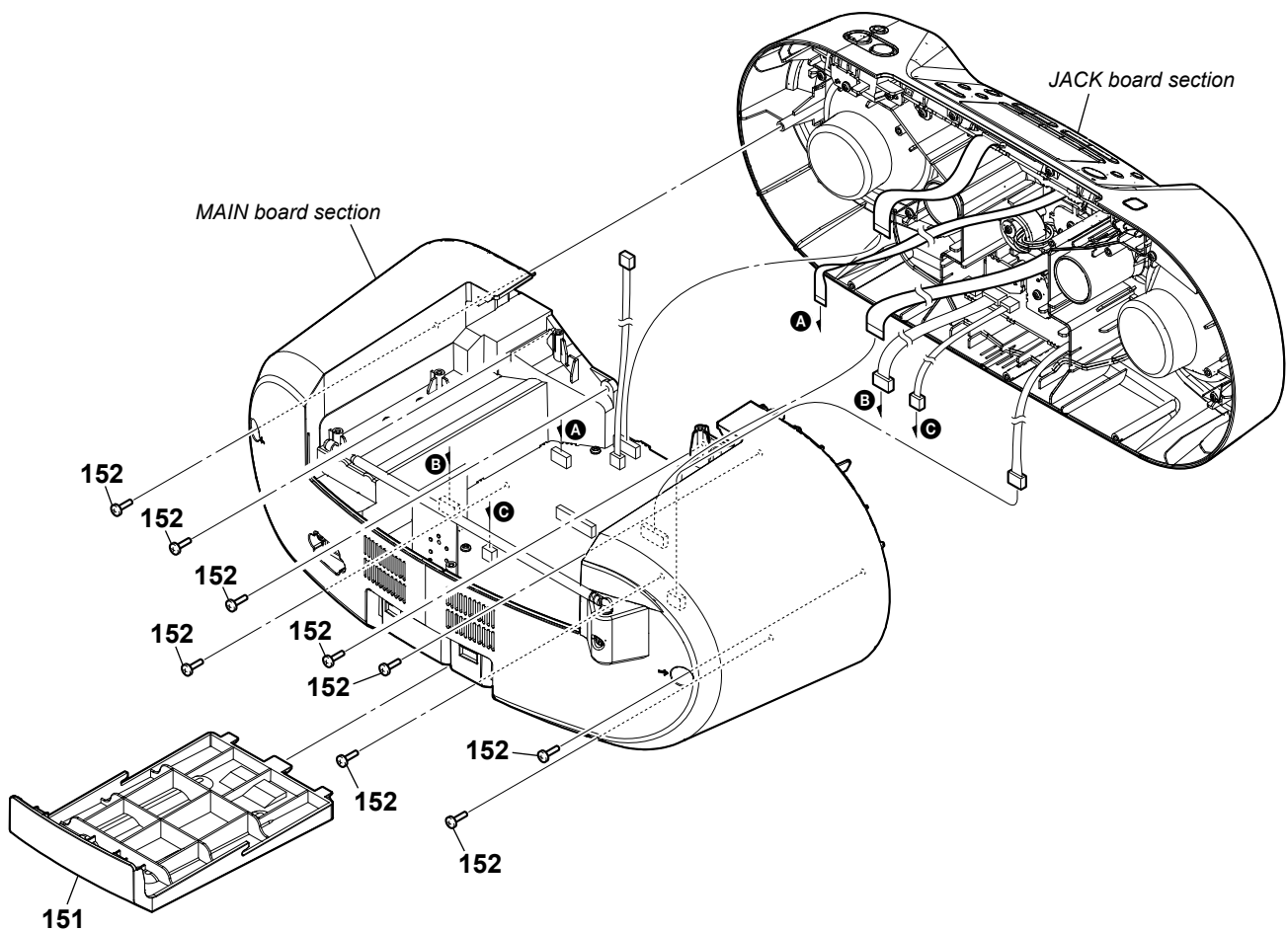
6-3. CD BLOCK SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	A-1954-886-A	CD BOARD, COMPLETE		107	4-196-587-02	COVER, CD	
102	3-254-151-01	SCREW (B2.6), (+) P TAPPING		FFC1	1-832-404-21	CABLE, FLEXIBLE FLAT (16 CORE)	
103	4-166-292-01	SHAFT (SUPPORT)		△ OP1	1-856-515-11	OPTICAL PICK-UP (EM101 RNSZS) (Including sled motor, spindle motor)	
104	3-931-379-31	RUBBER, VIBRATION PROOF (GREEN)		S701	1-572-085-21	SWITCH, LEAF (LIMIT)	
105	3-931-379-21	RUBBER, VIBRATION PROOF (RED)					
106	3-080-204-31	SCREW, TAPPING, P2					

6-4. BATTERY LID SECTION

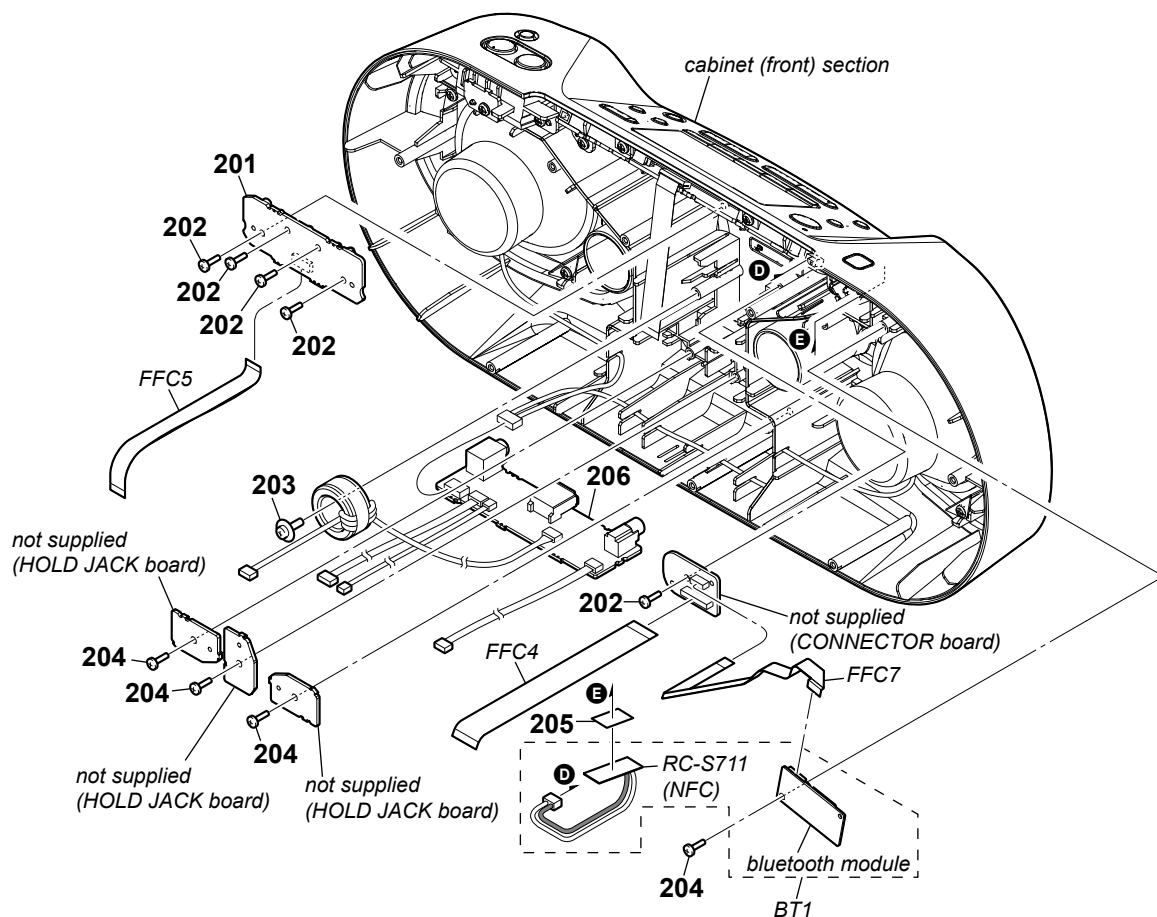
• Rear view



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
151	4-465-251-01	LID, BATTERY		152	3-252-827-01	SCREW (B2.6), (+) BV TAPPING	

6-5. JACK BOARD SECTION

- Rear view



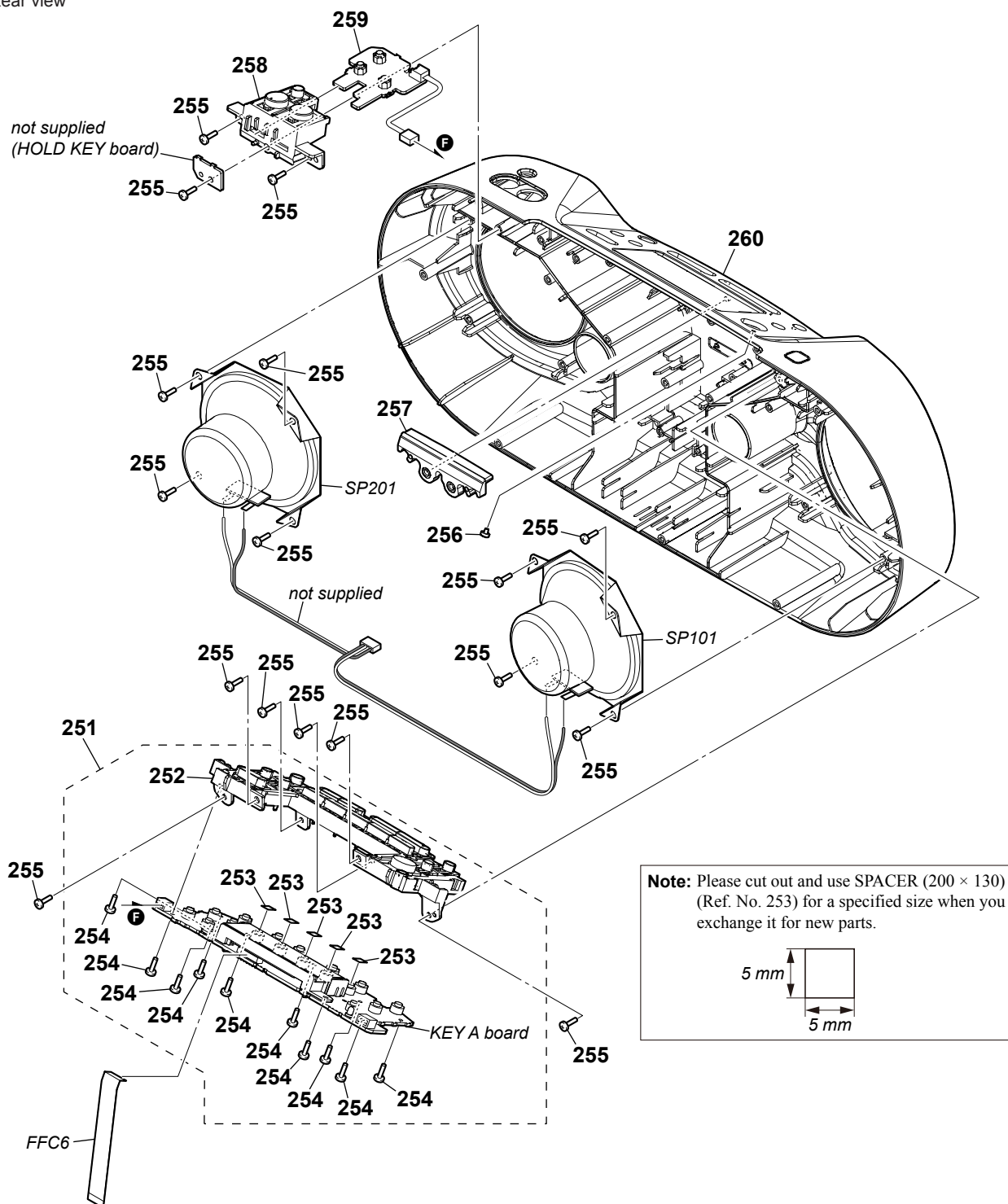
Note: When Bluetooth module is replaced, refer to “NOTE OF REPLACING THE Bluetooth MODULE OR RC-S711 (NFC)” on page 5.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
201	A-1954-719-A	LED (NFC) BOARD, COMPLETE (RS70BTB)		206	A-1954-724-A	JACK BOARD, COMPLETE (RS70BT)	
201	A-1954-720-A	LED (NFC) BOARD, COMPLETE (RS70BT)		BT1	X-2587-968-1	BLUETOOTH MODULE SUB ASSY (Including Bluetooth module, NFC) (See Note)	
202	3-254-151-01	SCREW (B2.6), (+) P TAPPING		FFC4	1-846-837-21	CABLE, FLEXIBLE FLAT (14 CORE)	
203	3-252-828-01	SCREW (B2.6), (+) PWH TAPPING		FFC5	1-839-492-21	CABLE, FLEXIBLE FLAT (8 CORE)	
204	3-252-827-01	SCREW (B2.6), (+) BV TAPPING		FFC7	1-846-838-11	CABLE, FLEXIBLE FLAT (14P)	
205	4-439-730-01	SHEET (NFC), ADHESIVE					
206	A-1954-723-A	JACK BOARD, COMPLETE (RS70BTB)					

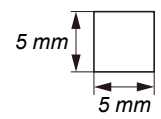
ZS-RS70BT/RS70BTB

6-6. CABINET (FRONT) SECTION

• Rear view

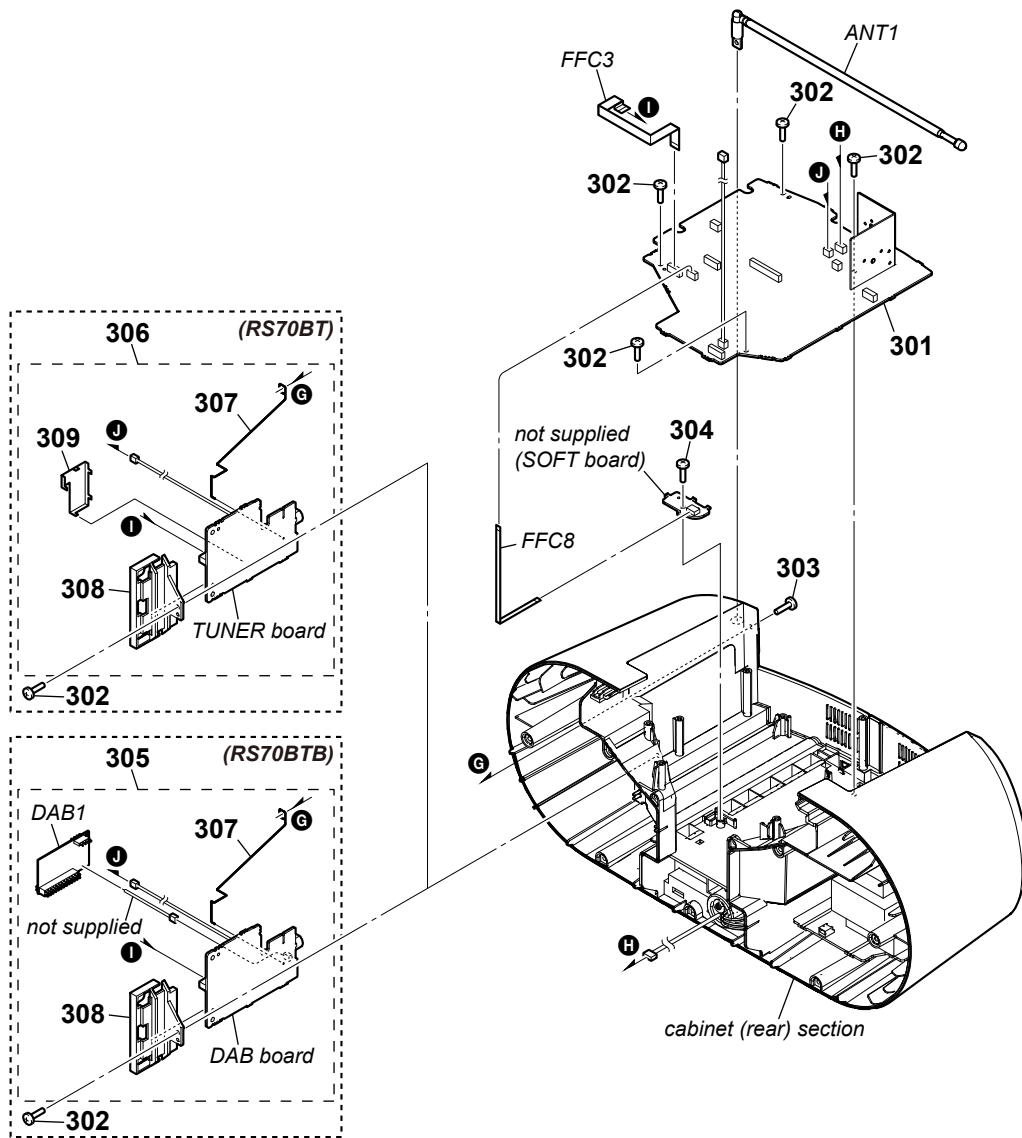


Note: Please cut out and use SPACER (200 × 130) (Ref. No. 253) for a specified size when you exchange it for new parts.



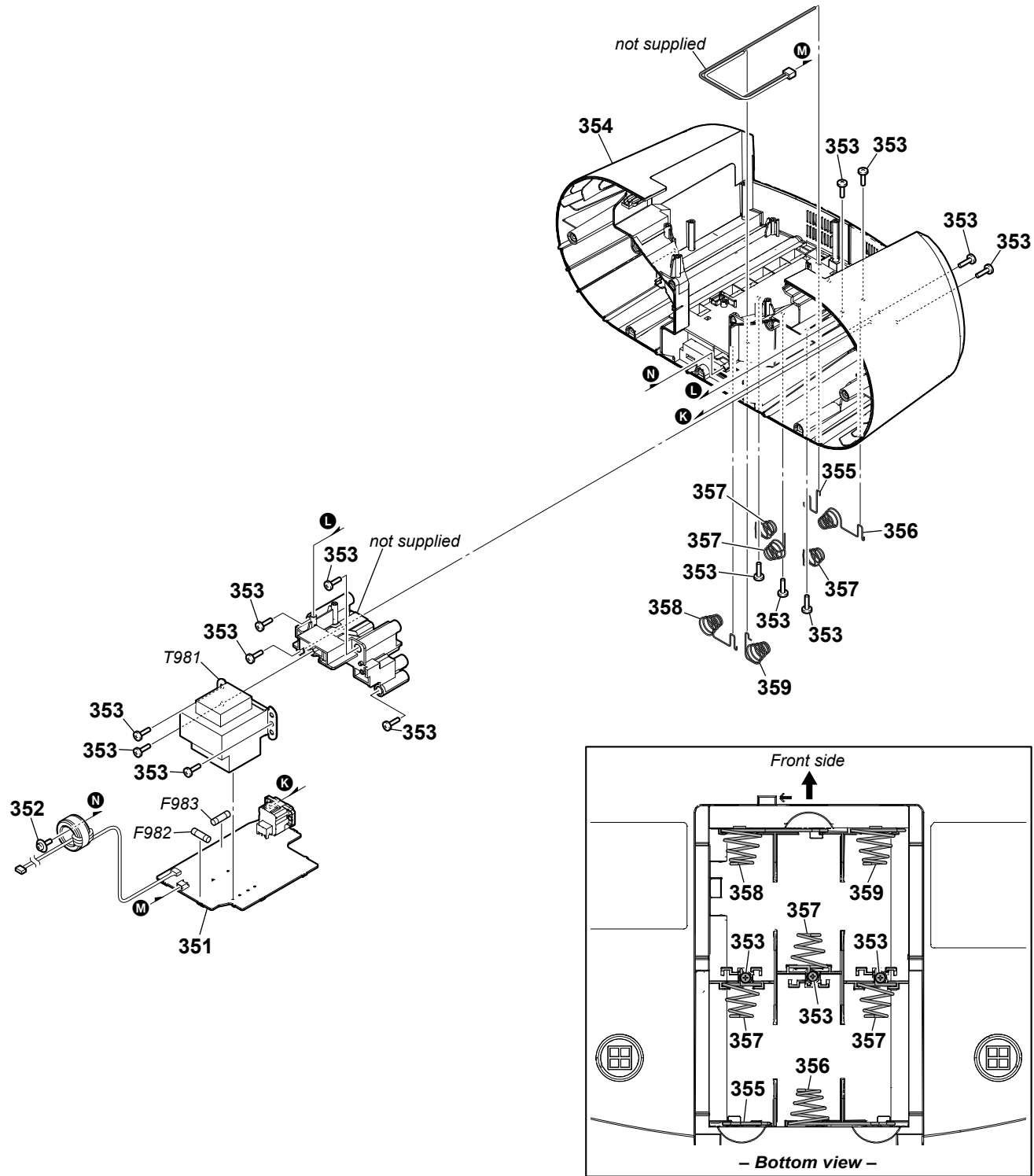
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
251	A-1954-562-A	BUTTON (MAIN) ASSY (Including KEY A board) (RS70BTB)		255	3-252-827-01	SCREW (B2.6), (+) BV TAPPING	
251	A-1954-564-A	BUTTON (MAIN) ASSY (Including KEY A board) (RS70BT)		256	4-465-250-01	INDICATOR (POWER)	
252	4-465-245-01	BUTTON (MAIN) (POWER, -, +, CD, USB, BLUETOOTH, RADIO FM/AM, AUDIO IN, ▶▶ , ■ , ◀◀ , ▶▶) (RS70BT)		257	4-465-249-01	INDICATOR (BT)	
252	4-465-245-21	BUTTON (MAIN) (OPERATE, -, +, CD, USB, BLUETOOTH, RADIO DAB/FM, AUDIO IN, ▶▶ , ■ , ◀◀ , ▶▶) (RS70BTB)		258	4-465-246-01	BUTTON (VOL) (-, +)	
253	3-831-441-99	SPACER (200X130) (See Note)		259	A-1954-721-A	KEY (VOL) BOARD, COMPLETE (RS70BTB)	
254	3-254-070-01	SCREW		259	A-1954-722-A	KEY (VOL) BOARD, COMPLETE (RS70BT)	
				260	X-2587-966-1	CABINET (FRONT) SUB ASSY (RS70BT)	
				260	X-2587-967-1	CABINET (FRONT) SUB ASSY (RS70BTB)	
				FFC6	1-846-966-11	FLEXIBLE FLAT CABLE (11P)	
				SP101	1-858-925-11	LOUDSPEAKER (7.7 cm) (L-ch)	
				SP201	1-858-925-11	LOUDSPEAKER (7.7 cm) (R-ch)	

6-7. MAIN BOARD SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
301	A-1954-879-A	MAIN BOARD, COMPLETE (RS70BTB)		307	4-465-303-01	SPRING, ANTENNA	
301	A-1954-881-A	MAIN BOARD, COMPLETE (RS70BT: E41)		308	3-249-551-02	HOLDER (PWB TU)	
301	A-1954-883-A	MAIN BOARD, COMPLETE (RS70BT: MX)		309	4-281-472-01	SHIELD (PLATE) (RS70BT)	
301	A-1954-884-A	MAIN BOARD, COMPLETE (RS70BT: E92)		ANT1	1-754-826-11	ANTENNA, TELESCOPIC	
302	3-252-827-01	SCREW (B2.6), (+) BV TAPPING		DAB1	1-492-516-11	MODULE (DAB TUNER) (RS70BTB)	
303	3-252-833-01	SCREW (M3), (+) P		FFC3	1-832-565-21	CABLE, FLEXIBLE FLAT (11 CORE) (RS70BT)	
304	3-253-143-01	SCREW (B2.6), (+) P TAPPING		FFC3	1-846-967-11	FLEXIBLE FLAT CABLE (11P) (RS70BTB)	
305	A-1954-877-A	DAB BOARD, COMPLETE (RS70BTB)		FFC8	1-832-535-21	CABLE, FLEXIBLE FLAT (5 CORE)	
306	A-1954-875-A	TUNER BOARD, COMPLETE (RS70BT)					

6-8. CABINET (REAR) SECTION



Ref. No.	Part No.	Description	Remark
351	A-1954-871-A	POWER BOARD, COMPLETE (RS70BTB)	
351	A-1954-872-A	POWER BOARD, COMPLETE (RS70BT: E41)	
351	A-1954-873-A	POWER BOARD, COMPLETE (RS70BT: E92, MX)	
352	3-252-828-01	SCREW (B2.6), (+) PWH TAPPING	
353	3-252-827-01	SCREW (B2.6), (+) BV TAPPING	
354	4-465-243-01	CABINET (REAR) (MX)	
354	4-465-243-11	CABINET (REAR) (E41, AEP, UK)	
354	4-465-243-21	CABINET (REAR) (E92)	
355	4-167-411-01	TERMINAL (+), BATTERY	

Ref. No.	Part No.	Description	Remark
356	4-173-526-02	TERMINAL (A (+, -)), BATTERY	
357	4-258-525-01	TERMINAL (+, -), BATTERY	
358	4-173-527-02	TERMINAL (B (+, -)), BATTERY	
359	4-167-412-02	TERMINAL (-), BATTERY	
△ F982	1-532-465-33	FUSE (T 3.15 AL/250 V)	
△ F983	1-532-388-33	FUSE (T 2 AL/250 V)	
△ T981	1-445-291-11	TRANSFORMER, POWER (E92, MX)	
△ T981	1-445-292-21	TRANSFORMER, POWER (E41, AEP, UK)	

SECTION 7 ELECTRICAL PARTS LIST

CD

Note:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- RESISTORS
All resistors are in ohms.
METAL: Metal-film resistor.
METAL OXIDE: Metal oxide-film resistor.
F: nonflammable

- CAPACITORS
uF: μ F
- COILS
uH: μ H
- SEMICONDUCTORS
In each case, u: μ , for example:
uA. . . : μ A. . . , uPA. . . , μ PA. . . ,
uPB. . . : μ PB. . . , uPC. . . , μ PC. . . ,
uPD. . . : μ PD. . .
- Abbreviation
E41 : Bolivian, Chilean, Paraguayan,
Peruvian and Uruguayan models
E92 : Venezuelan, Panamanian,
Honduran, Guatemalan,
Colombian, Costa Ri-ca,
Dominican, Ecuadorian and
El Salvador models

MX : Mexican model

When indicating parts by reference number, please include the board name.

The components identified by mark Δ or dotted line with mark Δ are critical for safety.
Replace only with part number specified.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
	A-1954-886-A	CD BOARD, COMPLETE *****		C728	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
		< CAPACITOR >		C729	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C501	1-164-943-81	CERAMIC CHIP 0.01uF	10% 16V	C730	1-164-866-11	CERAMIC CHIP 47PF	5% 50V
C502	1-118-289-11	CERAMIC CHIP 0.1uF	10% 16V	C731	1-164-866-11	CERAMIC CHIP 47PF	5% 50V
C504	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C732	1-164-866-11	CERAMIC CHIP 47PF	5% 50V
C505	1-128-396-11	ELECT CHIP 470uF	20% 10V	C733	1-164-866-11	CERAMIC CHIP 47PF	5% 50V
C506	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C734	1-164-943-81	CERAMIC CHIP 0.01uF	10% 16V
C507	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C735	1-164-858-11	CERAMIC CHIP 22PF	5% 50V
C510	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C736	1-164-858-11	CERAMIC CHIP 22PF	5% 50V
C511	1-112-717-91	CERAMIC CHIP 1uF	10% 6.3V	C737	1-164-858-11	CERAMIC CHIP 22PF	5% 50V
C512	1-128-394-11	ELECT CHIP 220uF	20% 10V	C738	1-164-858-11	CERAMIC CHIP 22PF	5% 50V
C514	1-164-941-11	CERAMIC CHIP 0.0047uF	10% 16V	C739	1-164-858-11	CERAMIC CHIP 22PF	5% 50V
C519	1-164-941-11	CERAMIC CHIP 0.0047uF	10% 16V	C740	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C523	1-164-858-11	CERAMIC CHIP 22PF	5% 50V	C741	1-128-394-11	ELECT CHIP 220uF	20% 10V
C524	1-164-858-11	CERAMIC CHIP 22PF	5% 50V	C742	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C527	1-100-415-91	CERAMIC CHIP 0.47uF	10% 6.3V	C743	1-164-858-11	CERAMIC CHIP 22PF	5% 50V
C528	1-100-415-91	CERAMIC CHIP 0.47uF	10% 6.3V	C744	1-164-858-11	CERAMIC CHIP 22PF	5% 50V
C529	1-164-937-11	CERAMIC CHIP 0.001uF	10% 50V	C745	1-164-858-11	CERAMIC CHIP 22PF	5% 50V
C701	1-164-941-11	CERAMIC CHIP 0.0047uF	10% 16V	C746	1-164-858-11	CERAMIC CHIP 22PF	5% 50V
C702	1-164-943-81	CERAMIC CHIP 0.01uF	10% 16V	C747	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C703	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C748	1-128-995-21	ELECT CHIP 100uF	20% 10V
C704	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C749	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C706	1-128-995-21	ELECT CHIP 100uF	20% 10V	C754	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C707	1-128-995-21	ELECT CHIP 100uF	20% 10V	C755	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C708	1-164-943-81	CERAMIC CHIP 0.01uF	10% 16V	C756	1-128-394-11	ELECT CHIP 220uF	20% 10V
C709	1-164-940-11	CERAMIC CHIP 0.0033uF	10% 16V	C757	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C710	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C758	1-128-995-21	ELECT CHIP 100uF	20% 10V
C711	1-164-943-81	CERAMIC CHIP 0.01uF	10% 16V	C759	1-119-923-11	CERAMIC CHIP 0.047uF	10% 10V
C712	1-112-717-91	CERAMIC CHIP 1uF	10% 6.3V	C764	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C713	1-128-995-21	ELECT CHIP 100uF	20% 10V	C765	1-128-394-11	ELECT CHIP 220uF	20% 10V
C714	1-164-937-11	CERAMIC CHIP 0.001uF	10% 50V	C766	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C715	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C768	1-164-943-81	CERAMIC CHIP 0.01uF	10% 16V
C716	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C773	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C717	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C776	1-164-866-11	CERAMIC CHIP 47PF	5% 50V
C719	1-165-887-91	CERAMIC CHIP 0.22uF	10% 6.3V	C777	1-164-866-11	CERAMIC CHIP 47PF	5% 50V
C721	1-107-819-11	CERAMIC CHIP 0.022uF	10% 16V	C778	1-164-866-11	CERAMIC CHIP 47PF	5% 50V
C722	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C779	1-164-866-11	CERAMIC CHIP 47PF	5% 50V
C723	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C781	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C724	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C782	1-164-858-11	CERAMIC CHIP 22PF	5% 50V
C725	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C783	1-164-858-11	CERAMIC CHIP 22PF	5% 50V
C726	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C784	1-164-858-11	CERAMIC CHIP 22PF	5% 50V
C727	1-128-995-21	ELECT CHIP 100uF	20% 10V	C785	1-164-858-11	CERAMIC CHIP 22PF	5% 50V
				C786	1-164-858-11	CERAMIC CHIP 22PF	5% 50V
				C787	1-164-858-11	CERAMIC CHIP 22PF	5% 50V
				C788	1-164-858-11	CERAMIC CHIP 22PF	5% 50V

ZS-RS70BT/RS70BTB

CD CONNECTOR

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C789	1-164-858-11	CERAMIC CHIP 22PF	5% 50V	R736	1-216-864-11	SHORT CHIP 0	
C790	1-164-850-11	CERAMIC CHIP 10PF	0.5PF 50V	R737	1-218-941-81	METAL CHIP 100	5% 1/16W
C791	1-164-850-11	CERAMIC CHIP 10PF	0.5PF 50V	R738	1-218-973-11	METAL CHIP 47K	5% 1/16W
C792	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	R740	1-218-941-81	METAL CHIP 100	5% 1/16W
C794	1-126-601-11	ELECT CHIP 2.2uF	20% 50V	R741	1-218-941-81	METAL CHIP 100	5% 1/16W
C797	1-164-866-11	CERAMIC CHIP 47PF	5% 50V	R742	1-218-941-81	METAL CHIP 100	5% 1/16W
C798	1-164-866-11	CERAMIC CHIP 47PF	5% 50V	R743	1-218-961-11	METAL CHIP 4.7K	5% 1/16W
C799	1-164-858-11	CERAMIC CHIP 22PF	5% 50V	R744	1-218-953-11	METAL CHIP 1K	5% 1/16W
< CONNECTOR >				R745	1-218-990-81	SHORT CHIP 0	
CN701	1-770-425-51	CONNECTOR, FFC/FPC 16P		R746	1-218-953-11	METAL CHIP 1K	5% 1/16W
CN702	1-784-835-51	CONNECTOR, FFC (LIF (NON-ZIF)) 27P		R747	1-218-941-81	METAL CHIP 100	5% 1/16W
* CN703	1-750-005-11	PIN, CONNECTOR (PC BOARD) 4P		R748	1-218-941-81	METAL CHIP 100	5% 1/16W
< IC >				R749	1-218-990-81	SHORT CHIP 0	
IC701	6-713-623-01	IC LC786950T-US-H		R751	1-218-949-11	METAL CHIP 470	5% 1/16W
IC702	6-714-801-01	IC LC87F1JJ2AU-SQFP-H		R752	1-218-941-81	METAL CHIP 100	5% 1/16W
IC703	6-710-637-01	IC BA5826HFP-E2		R753	1-218-945-11	METAL CHIP 220	5% 1/16W
IC704	6-717-848-01	IC NCP380HSNAJAAT1G		R754	1-218-953-11	METAL CHIP 1K	5% 1/16W
< COIL >				R757	1-216-864-11	SHORT CHIP 0	
L701	1-457-223-11	COMMON MODE CHOKE COIL		R759	1-216-864-11	SHORT CHIP 0	
< TRANSISTOR >				R760	1-218-990-81	SHORT CHIP 0	
Q701	8-729-216-22	TRANSISTOR 2SA1162-G		R763	1-218-961-11	METAL CHIP 4.7K	5% 1/16W
< RESISTOR >				R764	1-218-941-81	METAL CHIP 100	5% 1/16W
R501	1-218-971-11	METAL CHIP 33K	5% 1/16W	R765	1-218-949-11	METAL CHIP 470	5% 1/16W
R502	1-218-941-81	METAL CHIP 100	5% 1/16W	R767	1-218-941-81	METAL CHIP 100	5% 1/16W
R503	1-218-966-11	METAL CHIP 12K	5% 1/16W	R768	1-218-941-81	METAL CHIP 100	5% 1/16W
R505	1-218-962-11	METAL CHIP 5.6K	5% 1/16W	R769	1-218-941-81	METAL CHIP 100	5% 1/16W
R507	1-218-962-11	METAL CHIP 5.6K	5% 1/16W	R770	1-218-941-81	METAL CHIP 100	5% 1/16W
R509	1-218-965-11	METAL CHIP 10K	5% 1/16W	R771	1-218-941-81	METAL CHIP 100	5% 1/16W
R511	1-218-965-11	METAL CHIP 10K	5% 1/16W	R772	1-218-941-81	METAL CHIP 100	5% 1/16W
R513	1-218-977-11	METAL CHIP 100K	5% 1/16W	R773	1-218-941-81	METAL CHIP 100	5% 1/16W
R514	1-218-945-11	METAL CHIP 220	5% 1/16W	R774	1-218-977-11	METAL CHIP 100K	5% 1/16W
R515	1-218-965-11	METAL CHIP 10K	5% 1/16W	R775	1-218-977-11	METAL CHIP 100K	5% 1/16W
R518	1-218-945-11	METAL CHIP 220	5% 1/16W	R776	1-218-977-11	METAL CHIP 100K	5% 1/16W
R528	1-218-953-11	METAL CHIP 1K	5% 1/16W	R777	1-218-941-81	METAL CHIP 100	5% 1/16W
R529	1-218-953-11	METAL CHIP 1K	5% 1/16W	R778	1-218-941-81	METAL CHIP 100	5% 1/16W
R530	1-218-953-11	METAL CHIP 1K	5% 1/16W	R779	1-218-949-11	METAL CHIP 470	5% 1/16W
R531	1-218-953-11	METAL CHIP 1K	5% 1/16W	R780	1-218-941-81	METAL CHIP 100	5% 1/16W
R532	1-218-953-11	METAL CHIP 1K	5% 1/16W	R781	1-218-953-11	METAL CHIP 1K	5% 1/16W
R533	1-216-789-11	METAL CHIP 2.2	5% 1/10W	R782	1-218-941-81	METAL CHIP 100	5% 1/16W
R534	1-216-864-11	SHORT CHIP 0		R783	1-218-934-11	METAL CHIP 27	5% 1/16W
R538	1-218-972-11	METAL CHIP 39K	5% 1/16W	R785	1-218-967-11	METAL CHIP 15K	5% 1/16W
R701	1-218-947-11	METAL CHIP 330	5% 1/16W	R787	1-218-934-11	METAL CHIP 27	5% 1/16W
R702	1-218-990-81	SHORT CHIP 0		R789	1-218-967-11	METAL CHIP 15K	5% 1/16W
R704	1-218-965-11	METAL CHIP 10K	5% 1/16W	R794	1-218-941-81	METAL CHIP 100	5% 1/16W
R713	1-218-975-11	METAL CHIP 68K	5% 1/16W	R795	1-218-941-81	METAL CHIP 100	5% 1/16W
R715	1-216-864-11	SHORT CHIP 0		R796	1-218-957-11	METAL CHIP 2.2K	5% 1/16W
R717	1-218-953-11	METAL CHIP 1K	5% 1/16W	R797	1-218-961-11	METAL CHIP 4.7K	5% 1/16W
R719	1-218-953-11	METAL CHIP 1K	5% 1/16W	< VIBRATOR >			
R721	1-218-969-11	METAL CHIP 22K	5% 1/16W	X701	1-813-975-21	VIBRATOR, CERAMIC (16.9344 MHz)	
R723	1-218-446-11	METAL CHIP 1	5% 1/10W	X702	1-813-934-11	VIBRATOR, CERAMIC (12 MHz)	
R724	1-218-949-11	METAL CHIP 470	5% 1/16W	*****			
R726	1-216-864-11	SHORT CHIP 0		CONNECTOR BOARD			
R728	1-218-951-11	METAL CHIP 680	5% 1/16W	*****			
R732	1-218-951-11	METAL CHIP 680	5% 1/16W	< CONNECTOR >			
R733	1-218-975-11	METAL CHIP 68K	5% 1/16W	CN606	1-784-373-51	CONNECTOR, FFC/FPC 14P	
				CN607	1-815-762-71	CONNECTOR, FFC/FPC 14P	

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
	A-1954-877-A	DAB BOARD, COMPLETE (RS70BTB) *****		R273	1-216-833-11	METAL CHIP 10K 5%	1/10W
	3-249-551-02	HOLDER (PWB TU)		R274	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
	4-465-303-01	SPRING, ANTENNA		R275	1-216-833-11	METAL CHIP 10K 5%	1/10W
		< CAPACITOR >		R276	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
C171	1-165-908-11	CERAMIC CHIP 1uF 10%	10V	R371	1-216-845-11	METAL CHIP 100K 5%	1/10W
C172	1-118-290-11	CERAMIC CHIP 0.001uF 10%	50V				
C173	1-164-315-91	CERAMIC CHIP 470PF 5%	50V	R372	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
C174	1-162-927-11	CERAMIC CHIP 100PF 5%	50V	R373	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
C271	1-165-908-11	CERAMIC CHIP 1uF 10%	10V	R440	1-216-864-11	SHORT CHIP 0	
				R441	1-400-984-21	INDUCTOR (EMI FERRITE)	
C272	1-118-290-11	CERAMIC CHIP 0.001uF 10%	50V	R442	1-400-984-21	INDUCTOR (EMI FERRITE)	
C273	1-164-315-91	CERAMIC CHIP 470PF 5%	50V				
C274	1-162-927-11	CERAMIC CHIP 100PF 5%	50V	R917	1-216-864-11	SHORT CHIP 0	
C371	1-126-916-11	ELECT 1000uF 20%	6.3V	R918	1-216-819-11	METAL CHIP 680 5%	1/10W
C372	1-118-289-11	CERAMIC CHIP 0.1uF 10%	16V	R919	1-216-841-11	METAL CHIP 47K 5%	1/10W
				R920	1-216-821-11	METAL CHIP 1K 5%	1/10W
C401	1-118-290-11	CERAMIC CHIP 0.001uF 10%	50V	*****			
C402	1-118-345-11	CERAMIC CHIP 0.01uF 10%	25V	A-1954-723-A	JACK BOARD, COMPLETE (RS70BTB)		
C403	1-126-916-11	ELECT 1000uF 20%	6.3V	A-1954-724-A	JACK BOARD, COMPLETE (RS70BT)		
C404	1-118-290-11	CERAMIC CHIP 0.001uF 10%	50V	*****			
C405	1-118-345-11	CERAMIC CHIP 0.01uF 10%	25V			< CAPACITOR >	
C406	1-126-916-11	ELECT 1000uF 20%	6.3V	C101	1-118-290-11	CERAMIC CHIP 0.001uF 10%	50V
C408	1-162-917-11	CERAMIC CHIP 15PF 5%	50V	C151	1-162-927-11	CERAMIC CHIP 100PF 5%	50V
C409	1-162-917-11	CERAMIC CHIP 15PF 5%	50V	C201	1-118-290-11	CERAMIC CHIP 0.001uF 10%	50V
C913	1-165-908-11	CERAMIC CHIP 1uF 10%	10V	C251	1-162-927-11	CERAMIC CHIP 100PF 5%	50V
C914	1-126-916-11	ELECT 1000uF 20%	6.3V	C1002	1-118-290-11	CERAMIC CHIP 0.001uF 10%	50V
						< CONNECTOR >	
C915	1-165-908-11	CERAMIC CHIP 1uF 10%	10V	CN305	1-815-552-11	PIN, CONNECTOR (PWB) 4P	
C918	1-165-908-11	CERAMIC CHIP 1uF 10%	10V			< DIODE >	
		< CONNECTOR >		D1005	6-500-400-01	DIODE BAV99-215	
CN1	1-815-443-11	PIN, CONNECTOR (PWB) 2P				< FERRITE BEAD/JUMPER RESISTOR >	
CN4	1-779-279-11	CONNECTOR, FFC (LIF (NON-ZIF)) 11P		FB151	1-400-981-21	INDUCTOR (EMI FERRITE)	
				FB251	1-400-981-21	INDUCTOR (EMI FERRITE)	
		< DIODE >		FB351	1-400-981-21	INDUCTOR (EMI FERRITE)	
D1	6-500-400-01	DIODE BAV99-215		FB1002	1-216-864-11	SHORT CHIP 0	
				FB1003	1-216-864-11	SHORT CHIP 0	
		< IC >		FB1006	1-216-864-11	SHORT CHIP 0	
IC371	6-702-945-01	IC NJM14558V-TE2		FB1007	1-216-864-11	SHORT CHIP 0	
IC905	6-719-929-01	IC BD33HA3WEFJ-E2		FB1009	1-216-295-91	SHORT CHIP 0	
IC906	6-719-818-01	IC BU12TD3WG-TR				< JACK/CONNECTOR >	
				J301	1-815-629-11	JACK (⌀)	
		< COIL >		J351	1-566-822-51	JACK (AUDIO IN)	
L810	1-482-036-11	INDUCTOR 0.22uH		J1001	1-794-548-21	CONNECTOR, USB (A) (ψ)	
L811	1-482-036-11	INDUCTOR 0.22uH				< RESISTOR >	
				R101	1-216-811-11	METAL CHIP 150 5%	1/10W
		< MODULE >		R201	1-216-811-11	METAL CHIP 150 5%	1/10W
DAB1	1-492-516-11	MODULE (DAB TUNER)		*****			
				A-1954-721-A	KEY (VOL) BOARD, COMPLETE (RS70BTB)		
		< RESISTOR/FERRITE BEAD >		A-1954-722-A	KEY (VOL) BOARD, COMPLETE (RS70BT)		
R142	1-216-864-11	SHORT CHIP 0		*****			
R171	1-216-845-11	METAL CHIP 100K 5%	1/10W			< RESISTOR >	
R172	1-216-829-11	METAL CHIP 4.7K 5%	1/10W	R615	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R173	1-216-833-11	METAL CHIP 10K 5%	1/10W	R616	1-216-827-11	METAL CHIP 3.3K 5%	1/10W
R174	1-216-829-11	METAL CHIP 4.7K 5%	1/10W	R617	1-218-867-11	METAL CHIP 6.8K 0.5%	1/10W
R175	1-216-833-11	METAL CHIP 10K 5%	1/10W				
R176	1-216-829-11	METAL CHIP 4.7K 5%	1/10W				
R242	1-216-864-11	SHORT CHIP 0					
R271	1-216-845-11	METAL CHIP 100K 5%	1/10W				
R272	1-216-829-11	METAL CHIP 4.7K 5%	1/10W				

ZS-RS70BT/RS70BTB

KEY (VOL) **KEY A**

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		< SWITCH >		R606	1-216-819-11	METAL CHIP 680	5% 1/10W
S618	1-786-726-11	SWITCH, TACTILE (VOLUME +)		R607	1-216-821-11	METAL CHIP 1K	5% 1/10W
S619	1-786-726-11	SWITCH, TACTILE (VOLUME -)		R608	1-216-821-11	METAL CHIP 1K	5% 1/10W
S620	1-786-726-11	SWITCH, TACTILE (MEGA BASS)		R609	1-216-825-11	METAL CHIP 2.2K	5% 1/10W
*****				R610	1-216-827-11	METAL CHIP 3.3K	5% 1/10W
A-1954-562-A	KEY A BOARD (Included in BUTTON (MAIN) ASSY) (RS70BTB)			R611	1-218-867-11	METAL CHIP 6.8K	0.5% 1/10W
A-1954-564-A	KEY A BOARD (Included in BUTTON (MAIN) ASSY) (RS70BT)			R612	1-216-819-11	METAL CHIP 680	5% 1/10W
*****				R613	1-216-821-11	METAL CHIP 1K	5% 1/10W
4-283-410-01	SHEET (PANEL DOCK), ADHESIVE (RS70BTB)			R614	1-216-821-11	METAL CHIP 1K	5% 1/10W
	< CAPACITOR >			R625	1-216-833-11	METAL CHIP 10K	5% 1/10W
C601	1-162-915-11	CERAMIC CHIP 10PF	0.5PF 50V	R626	1-216-833-11	METAL CHIP 10K	5% 1/10W
C602	1-162-915-11	CERAMIC CHIP 10PF	0.5PF 50V	R627	1-216-833-11	METAL CHIP 10K	5% 1/10W
C603	1-162-919-11	CERAMIC CHIP 22PF	5% 50V	R628	1-216-833-11	METAL CHIP 10K	5% 1/10W
C604	1-165-908-11	CERAMIC CHIP 1uF	10% 10V	R629	1-216-833-11	METAL CHIP 10K	5% 1/10W
C605	1-118-289-11	CERAMIC CHIP 0.1uF	10% 16V	R630	1-216-833-11	METAL CHIP 10K	5% 1/10W
C610	1-118-290-11	CERAMIC CHIP 0.001uF	10% 50V	R631	1-216-833-11	METAL CHIP 10K	5% 1/10W
C611	1-162-915-11	CERAMIC CHIP 10PF	0.5PF 50V	R632	1-216-833-11	METAL CHIP 10K	5% 1/10W
C612	1-162-910-11	CERAMIC CHIP 5PF	0.25PF 50V	R633	1-216-833-11	METAL CHIP 10K	5% 1/10W
C613	1-162-910-11	CERAMIC CHIP 5PF	0.25PF 50V	R634	1-216-833-11	METAL CHIP 10K	5% 1/10W
	< CONNECTOR >			R635	1-216-833-11	METAL CHIP 10K	5% 1/10W
CN601	1-779-548-21	CONNECTOR, FFC (LIF (NON-ZIF)) 11P		R636	1-216-833-11	METAL CHIP 10K	5% 1/10W
CN602	1-815-550-11	PIN, CONNECTOR (PWB) 2P		R637	1-216-833-11	METAL CHIP 10K	5% 1/10W
CN604	1-822-674-11	HEADER ASSEMBLY FOR PRINTED WI		R638	1-216-833-11	METAL CHIP 10K	5% 1/10W
	< DIODE >			R639	1-216-833-11	METAL CHIP 10K	5% 1/10W
D607	6-500-514-01	DIODE BAV70		R640	1-216-833-11	METAL CHIP 10K	5% 1/10W
D608	6-503-857-01	DIODE BAW56		R641	1-216-833-11	METAL CHIP 10K	5% 1/10W
D609	8-719-059-97	LED L-34HD (OPR/BATT)		R642	1-216-833-11	METAL CHIP 10K	5% 1/10W
	< FERRITE BEAD >			R643	1-216-833-11	METAL CHIP 10K	5% 1/10W
FB607	1-400-981-21	INDUCTOR (EMI FERRITE)		R644	1-216-833-11	METAL CHIP 10K	5% 1/10W
FB608	1-400-981-21	INDUCTOR (EMI FERRITE)		R645	1-216-833-11	METAL CHIP 10K	5% 1/10W
FB609	1-400-981-21	INDUCTOR (EMI FERRITE)		R646	1-216-833-11	METAL CHIP 10K	5% 1/10W
FB610	1-400-981-21	INDUCTOR (EMI FERRITE)		R647	1-216-833-11	METAL CHIP 10K	5% 1/10W
	< IC >			R648	1-216-833-11	METAL CHIP 10K	5% 1/10W
IC601	6-715-273-01	IC HT1621		R649	1-216-833-11	METAL CHIP 10K	5% 1/10W
	< COIL >			R650	1-216-833-11	METAL CHIP 10K	5% 1/10W
L601	1-469-846-11	INDUCTOR 47uH		R651	1-216-833-11	METAL CHIP 10K	5% 1/10W
L602	1-400-135-11	INDUCTOR 1uH		R652	1-216-833-11	METAL CHIP 10K	5% 1/10W
	< LIQUID CRYSTAL DISPLAY >			R653	1-216-833-11	METAL CHIP 10K	5% 1/10W
LCD601	1-811-893-11	DISPLAY PANEL, LIQUID CRYSTAL		R654	1-216-833-11	METAL CHIP 10K	5% 1/10W
	< TRANSISTOR >			R655	1-216-833-11	METAL CHIP 10K	5% 1/10W
Q613	6-553-270-01	TRANSISTOR PDTC114YT		R656	1-216-833-11	METAL CHIP 10K	5% 1/10W
	< RESISTOR >			R657	1-216-833-11	METAL CHIP 10K	5% 1/10W
R601	1-216-819-11	METAL CHIP 680	5% 1/10W	R658	1-216-833-11	METAL CHIP 10K	5% 1/10W
R602	1-216-821-11	METAL CHIP 1K	5% 1/10W	R659	1-216-833-11	METAL CHIP 10K	5% 1/10W
R603	1-216-821-11	METAL CHIP 1K	5% 1/10W	R660	1-216-833-11	METAL CHIP 10K	5% 1/10W
R604	1-216-825-11	METAL CHIP 2.2K	5% 1/10W	R662	1-216-823-11	METAL CHIP 1.5K	5% 1/10W
R605	1-216-827-11	METAL CHIP 3.3K	5% 1/10W	R663	1-216-817-11	METAL CHIP 470	5% 1/10W
	< SWITCH >			R664	1-216-818-11	METAL CHIP 560	5% 1/10W
S601	1-786-726-11	SWITCH, TACTILE (POWER) (RS70BT)		R665	1-216-818-11	METAL CHIP 560	5% 1/10W
S601	1-786-726-11	SWITCH, TACTILE (OPERATE) (RS70BTB)		R666	1-216-817-11	METAL CHIP 470	5% 1/10W
S602	1-786-726-11	SWITCH, TACTILE (MEMORY SELECT USB)		R668	1-216-845-11	METAL CHIP 100K	5% 1/10W
S603	1-786-726-11	SWITCH, TACTILE (REC CD USB)					
S604	1-786-726-11	SWITCH, TACTILE (ENTER)		S605	1-786-726-11	SWITCH, TACTILE (LIGHT SYNC • DISPLAY)	
				S606	1-786-726-11	SWITCH, TACTILE (MODE)	

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
S607	1-786-726-11	SWITCH, TACTILE (CD)		R677	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
S608	1-786-726-11	SWITCH, TACTILE		R678	1-216-841-11	METAL CHIP 47K 5%	1/10W
S608	1-786-726-11	SWITCH, TACTILE (AUTO PRESET RADIO FM/AM) (RS70BT)		R679	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
		(SCAN RADIO DAB/FM) (RS70BTB)		R680	1-216-841-11	METAL CHIP 47K 5%	1/10W
S609	1-786-726-11	SWITCH, TACTILE (PRESET +)		R681	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
S610	1-786-726-11	SWITCH, TACTILE (- PRESET)		R682	1-216-823-11	METAL CHIP 1.5K 5%	1/10W
S611	1-786-726-11	SWITCH, TACTILE (TUNE +)		R683	1-216-841-11	METAL CHIP 47K 5%	1/10W
S612	1-786-726-11	SWITCH, TACTILE (TUNE -)		R684	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
S613	1-786-726-11	SWITCH, TACTILE (ERASE)		R685	1-216-805-11	METAL CHIP 47 5%	1/10W
S614	1-786-726-11	SWITCH, TACTILE (PAIRING BLUETOOTH)		R686	1-216-841-11	METAL CHIP 47K 5%	1/10W
S615	1-786-726-11	SWITCH, TACTILE (AUDIO IN)		R687	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
S616	1-786-726-11	SWITCH, TACTILE (MANUAL PRESET)		R688	1-216-817-11	METAL CHIP 470 5%	1/10W
S617	1-786-726-11	SWITCH, TACTILE		R689	1-216-841-11	METAL CHIP 47K 5%	1/10W
*****				R690	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
*****				*****			
A-1954-719-A	LED (NFC) BOARD, COMPLETE (RS70BTB)			A-1954-879-A	MAIN BOARD, COMPLETE (RS70BTB)		
A-1954-720-A	LED (NFC) BOARD, COMPLETE (RS70BT)			A-1954-881-A	MAIN BOARD, COMPLETE (RS70BT: E41)		
*****				A-1954-883-A	MAIN BOARD, COMPLETE (RS70BT: MX)		
< CONNECTOR >				A-1954-884-A	MAIN BOARD, COMPLETE (RS70BT: E92)		
*****				*****			
CN605	1-779-545-21	CONNECTOR, FFC (LIF (NON-ZIF)) 8P		3-253-143-01	SCREW (B2.6), (+) P TAPPING		
< LED >				< CAPACITOR >			
D602	6-501-691-01	LED 1L434FV22D0TDF01 (ILLUMINATION)		C110	1-104-658-91	ELECT 100uF 20%	10V
D603	6-501-691-01	LED 1L434FV22D0TDF01 (ILLUMINATION)		C111	1-126-926-11	ELECT 1000uF 20%	10V
D604	6-503-159-01	LED 1L034XB12COMA002 (ILLUMINATION)		C112	1-118-289-11	CERAMIC CHIP 0.1uF 10%	16V
D605	6-503-159-01	LED 1L034XB12COMA002 (ILLUMINATION)		C113	1-126-947-11	ELECT 47uF 20%	35V
D606	6-503-223-01	LED SLR343WBCT731XL (ILLUMINATION)		C114	1-118-290-11	CERAMIC CHIP 0.001uF 10%	50V
< FERRITE BEAD >				C116	1-127-715-11	CERAMIC CHIP 0.22uF 10%	16V
FB601	1-400-981-21	INDUCTOR (EMI FERRITE)		C117	1-165-908-11	CERAMIC CHIP 1uF 10%	10V
FB602	1-400-981-21	INDUCTOR (EMI FERRITE)		C118	1-118-290-11	CERAMIC CHIP 0.001uF 10%	50V
FB603	1-400-981-21	INDUCTOR (EMI FERRITE)		C119	1-165-908-11	CERAMIC CHIP 1uF 10%	10V
FB604	1-400-981-21	INDUCTOR (EMI FERRITE)		C120	1-165-908-11	CERAMIC CHIP 1uF 10%	10V
FB605	1-400-981-21	INDUCTOR (EMI FERRITE)		C121	1-118-290-11	CERAMIC CHIP 0.001uF 10%	50V
FB606	1-400-981-21	INDUCTOR (EMI FERRITE)		C122	1-165-908-11	CERAMIC CHIP 1uF 10%	10V
< TRANSISTOR >				C123	1-165-908-11	CERAMIC CHIP 1uF 10%	10V
Q601	6-552-891-01	TRANSISTOR LSAR523UBFS8TL		C124	1-118-290-11	CERAMIC CHIP 0.001uF 10%	50V
Q602	6-553-280-01	TRANSISTOR PDTC143ET		C125	1-165-908-11	CERAMIC CHIP 1uF 10%	10V
Q603	6-552-891-01	TRANSISTOR LSAR523UBFS8TL		C126	1-165-908-11	CERAMIC CHIP 1uF 10%	10V
Q604	6-553-280-01	TRANSISTOR PDTC143ET		C127	1-118-290-11	CERAMIC CHIP 0.001uF 10%	50V
Q605	6-552-891-01	TRANSISTOR LSAR523UBFS8TL		C128	1-165-908-11	CERAMIC CHIP 1uF 10%	10V
Q606	6-553-280-01	TRANSISTOR PDTC143ET		C129	1-165-884-91	CERAMIC CHIP 2.2uF 10%	6.3V
Q607	6-552-891-01	TRANSISTOR LSAR523UBFS8TL		C131	1-118-290-11	CERAMIC CHIP 0.001uF 10%	50V
Q608	6-553-280-01	TRANSISTOR PDTC143ET		C132	1-118-345-11	CERAMIC CHIP 0.01uF 10%	25V
Q609	6-552-891-01	TRANSISTOR LSAR523UBFS8TL		C133	1-118-289-11	CERAMIC CHIP 0.1uF 10%	16V
Q610	6-553-280-01	TRANSISTOR PDTC143ET		C134	1-118-345-11	CERAMIC CHIP 0.01uF 10%	25V
Q611	6-552-891-01	TRANSISTOR LSAR523UBFS8TL		C135	1-118-289-11	CERAMIC CHIP 0.1uF 10%	16V
Q612	6-553-280-01	TRANSISTOR PDTC143ET		C136	1-165-908-11	CERAMIC CHIP 1uF 10%	10V
< RESISTOR >				(RS70BTB)			
R669	1-216-813-11	METAL CHIP 220 5%	1/10W	C137	1-165-884-91	CERAMIC CHIP 2.2uF 10%	6.3V
R670	1-216-809-11	METAL CHIP 100 5%	1/10W	(RS70BTB)			
R671	1-216-809-11	METAL CHIP 100 5%	1/10W	C139	1-126-964-11	ELECT 10uF 20%	50V
R672	1-216-809-11	METAL CHIP 100 5%	1/10W	C140	1-127-715-11	CERAMIC CHIP 0.22uF 10%	16V
R673	1-216-809-11	METAL CHIP 100 5%	1/10W	C175	1-165-908-11	CERAMIC CHIP 1uF 10%	10V
R674	1-216-809-11	METAL CHIP 100 5%	1/10W	C176	1-100-966-91	CERAMIC CHIP 10uF 20%	10V
R675	1-216-805-11	METAL CHIP 47 5%	1/10W	C177	1-112-746-11	CERAMIC CHIP 4.7uF 10%	6.3V
R676	1-216-841-11	METAL CHIP 47K 5%	1/10W	C178	1-125-891-11	CERAMIC CHIP 0.47uF 10%	10V
				C210	1-104-658-91	ELECT 100uF 20%	10V
				C211	1-126-926-11	ELECT 1000uF 20%	10V
				C212	1-118-289-11	CERAMIC CHIP 0.1uF 10%	16V

ZS-RS70BT/RS70BTB

MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C213	1-126-947-11	ELECT	47uF 20% 35V	C422	1-162-968-91	CERAMIC CHIP 0.0047uF 10% 50V	
C214	1-118-290-11	CERAMIC CHIP	0.001uF 10% 50V	C423	1-162-915-11	CERAMIC CHIP 10PF 0.5PF 50V	
C216	1-127-715-11	CERAMIC CHIP	0.22uF 10% 16V	C424	1-162-968-91	CERAMIC CHIP 0.0047uF 10% 50V	
C217	1-165-908-11	CERAMIC CHIP	1uF 10% 10V	C425	1-118-289-11	CERAMIC CHIP 0.1uF 10% 16V	
C218	1-118-290-11	CERAMIC CHIP	0.001uF 10% 50V	C426	1-104-658-91	ELECT 100uF 20% 10V	
C219	1-165-908-11	CERAMIC CHIP	1uF 10% 10V	C427	1-118-289-11	CERAMIC CHIP 0.1uF 10% 16V	
C220	1-165-908-11	CERAMIC CHIP	1uF 10% 10V	C430	1-126-925-91	ELECT 470uF 20% 10V	(RS70BT)
C221	1-118-290-11	CERAMIC CHIP	0.001uF 10% 50V	C435	1-118-345-11	CERAMIC CHIP 0.01uF 10% 25V	(RS70BTB)
C222	1-165-908-11	CERAMIC CHIP	1uF 10% 10V	C436	1-126-947-11	ELECT 47uF 20% 35V	(RS70BTB)
C223	1-165-908-11	CERAMIC CHIP	1uF 10% 10V	C437	1-126-925-91	ELECT 470uF 20% 10V	(RS70BTB)
C224	1-118-290-11	CERAMIC CHIP	0.001uF 10% 50V	C701	1-118-345-11	CERAMIC CHIP 0.01uF 10% 25V	
C225	1-165-908-11	CERAMIC CHIP	1uF 10% 10V	C703	1-118-345-11	CERAMIC CHIP 0.01uF 10% 25V	
C226	1-165-908-11	CERAMIC CHIP	1uF 10% 10V	C705	1-162-919-11	CERAMIC CHIP 22PF 5% 50V	
C227	1-118-290-11	CERAMIC CHIP	0.001uF 10% 50V	C706	1-162-919-11	CERAMIC CHIP 22PF 5% 50V	
C228	1-165-908-11	CERAMIC CHIP	1uF 10% 10V	C707	1-162-919-11	CERAMIC CHIP 22PF 5% 50V	
C229	1-165-884-91	CERAMIC CHIP	2.2uF 10% 6.3V	C708	1-162-919-11	CERAMIC CHIP 22PF 5% 50V	
C231	1-118-290-11	CERAMIC CHIP	0.001uF 10% 50V	C709	1-162-919-11	CERAMIC CHIP 22PF 5% 50V	
C232	1-118-345-11	CERAMIC CHIP	0.01uF 10% 25V	C710	1-162-923-11	CERAMIC CHIP 47PF 5% 50V	
C233	1-118-289-11	CERAMIC CHIP	0.1uF 10% 16V	C711	1-162-923-11	CERAMIC CHIP 47PF 5% 50V	
C234	1-118-345-11	CERAMIC CHIP	0.01uF 10% 25V	C712	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C235	1-118-289-11	CERAMIC CHIP	0.1uF 10% 16V	C713	1-165-884-91	CERAMIC CHIP 2.2uF 10% 6.3V	
C236	1-165-908-11	CERAMIC CHIP	1uF 10% 10V	C714	1-118-345-11	CERAMIC CHIP 0.01uF 10% 25V	
C237	1-165-884-91	CERAMIC CHIP	2.2uF 10% 6.3V	C715	1-104-658-91	ELECT 100uF 20% 10V	
C239	1-126-964-11	ELECT	10uF 20% 50V	C717	1-165-884-91	CERAMIC CHIP 2.2uF 10% 6.3V	
C240	1-127-715-11	CERAMIC CHIP	0.22uF 10% 16V	C718	1-118-345-11	CERAMIC CHIP 0.01uF 10% 25V	
C275	1-165-908-11	CERAMIC CHIP	1uF 10% 10V	C719	1-118-290-11	CERAMIC CHIP 0.001uF 10% 50V	
C276	1-100-966-91	CERAMIC CHIP	10uF 20% 10V	C720	1-126-947-11	ELECT 47uF 20% 35V	
C277	1-112-746-11	CERAMIC CHIP	4.7uF 10% 6.3V	C800	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C278	1-125-891-11	CERAMIC CHIP	0.47uF 10% 10V	C801	1-118-345-11	CERAMIC CHIP 0.01uF 10% 25V	
C301	1-104-662-91	ELECT	22uF 20% 25V	C802	1-162-923-11	CERAMIC CHIP 47PF 5% 50V	
C302	1-104-662-91	ELECT	22uF 20% 25V	C803	1-162-923-11	CERAMIC CHIP 47PF 5% 50V	
C303	1-126-947-11	ELECT	47uF 20% 35V	C804	1-162-923-11	CERAMIC CHIP 47PF 5% 50V	
C304	1-162-968-91	CERAMIC CHIP	0.0047uF 10% 50V	C805	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C305	1-162-968-91	CERAMIC CHIP	0.0047uF 10% 50V	C806	1-162-923-11	CERAMIC CHIP 47PF 5% 50V	
C307	1-162-968-91	CERAMIC CHIP	0.0047uF 10% 50V	C807	1-162-923-11	CERAMIC CHIP 47PF 5% 50V	
C308	1-104-658-91	ELECT	100uF 20% 10V	C809	1-118-289-11	CERAMIC CHIP 0.1uF 10% 16V	
C309	1-118-289-11	CERAMIC CHIP	0.1uF 10% 16V	C811	1-162-915-11	CERAMIC CHIP 10PF 0.5PF 50V	
C310	1-162-919-11	CERAMIC CHIP	22PF 5% 50V	C812	1-162-919-11	CERAMIC CHIP 22PF 5% 50V	
C311	1-162-919-11	CERAMIC CHIP	22PF 5% 50V	C813	1-162-910-11	CERAMIC CHIP 5PF 0.25PF 50V	
C312	1-126-947-11	ELECT	47uF 20% 35V	C814	1-162-915-11	CERAMIC CHIP 10PF 0.5PF 50V	
C313	1-165-908-11	CERAMIC CHIP	1uF 10% 10V	C815	1-118-345-11	CERAMIC CHIP 0.01uF 10% 25V	
C314	1-165-908-11	CERAMIC CHIP	1uF 10% 10V	C817	1-162-921-11	CERAMIC CHIP 33PF 5% 50V	
C315	1-118-289-11	CERAMIC CHIP	0.1uF 10% 16V	C818	1-162-919-11	CERAMIC CHIP 22PF 5% 50V	
C316	1-127-715-11	CERAMIC CHIP	0.22uF 10% 16V	C819	1-162-915-11	CERAMIC CHIP 10PF 0.5PF 50V	
C317	1-100-966-91	CERAMIC CHIP	10uF 20% 10V	C820	1-118-345-11	CERAMIC CHIP 0.01uF 10% 25V	
C318	1-118-289-11	CERAMIC CHIP	0.1uF 10% 16V	C822	1-118-289-11	CERAMIC CHIP 0.1uF 10% 16V	
C319	1-165-908-11	CERAMIC CHIP	1uF 10% 10V	C823	1-104-658-91	ELECT 100uF 20% 10V	
C320	1-165-908-11	CERAMIC CHIP	1uF 10% 10V	C824	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C325	1-162-962-11	CERAMIC CHIP	470PF 10% 50V	C826	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C330	1-126-961-11	ELECT	2.2uF 20% 50V	C827	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C417	1-165-908-11	CERAMIC CHIP	1uF 10% 10V	C833	1-118-345-11	CERAMIC CHIP 0.01uF 10% 25V	
C418	1-165-908-11	CERAMIC CHIP	1uF 10% 10V	C834	1-112-815-91	CERAMIC CHIP 10uF 20% 6.3V	
C419	1-165-908-11	CERAMIC CHIP	1uF 10% 10V	C841	1-118-289-11	CERAMIC CHIP 0.1uF 10% 16V	
C420	1-165-908-11	CERAMIC CHIP	1uF 10% 10V	C842	1-118-289-11	CERAMIC CHIP 0.1uF 10% 16V	
C421	1-162-915-11	CERAMIC CHIP	10PF 0.5PF 50V	C843	1-118-289-11	CERAMIC CHIP 0.1uF 10% 16V	
				C846	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
				C847	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C848	1-162-915-11	CERAMIC CHIP 10PF	0.5PF 50V	CN807	1-779-282-41	CONNECTOR, FFC (LIF (NON-ZIF)) 14P	
C849	1-162-927-11	CERAMIC CHIP 100PF	5% 50V	CN808	1-779-279-11	CONNECTOR, FFC (LIF (NON-ZIF)) 11P	
C850	1-118-289-11	CERAMIC CHIP 0.1uF	10% 16V	CN901	1-815-444-21	PIN, CONNECTOR (PWB) 3P	
C852	1-118-289-11	CERAMIC CHIP 0.1uF	10% 16V	CN902	1-815-443-11	PIN, CONNECTOR (PWB) 2P	
C853	1-165-884-91	CERAMIC CHIP 2.2uF	10% 6.3V	CN903	1-815-443-21	PIN, CONNECTOR (PWB) 2P	
C854	1-165-884-91	CERAMIC CHIP 2.2uF	10% 6.3V			< DIODE >	
C855	1-104-658-91	ELECT 100uF	20% 10V	D101	6-502-970-01	DIODE DZ2J068M0L (RS70BTB)	
C856	1-162-919-11	CERAMIC CHIP 22PF	5% 50V	D102	6-502-934-01	DIODE DB2S31100K8	
C857	1-162-919-11	CERAMIC CHIP 22PF	5% 50V	D201	6-502-970-01	DIODE DZ2J068M0L (RS70BTB)	
C862	1-118-289-11	CERAMIC CHIP 0.1uF	10% 16V	D202	6-502-934-01	DIODE DB2S31100K8	
C865	1-118-289-11	CERAMIC CHIP 0.1uF	10% 16V	D301	6-503-857-01	DIODE BAW56	
C872	1-118-345-11	CERAMIC CHIP 0.01uF	10% 25V	D302	6-503-857-01	DIODE BAW56	
C873	1-118-345-11	CERAMIC CHIP 0.01uF	10% 25V	D303	6-502-961-01	DIODE DA2J10100L (RS70BTB)	
C874	1-162-927-11	CERAMIC CHIP 100PF	5% 50V	D802	6-502-961-01	DIODE DA2J10100L	
C880	1-118-289-11	CERAMIC CHIP 0.1uF	10% 16V	D803	6-503-857-01	DIODE BAW56	
C881	1-118-289-11	CERAMIC CHIP 0.1uF	10% 16V	D902	6-503-857-01	DIODE BAW56	
C882	1-162-923-11	CERAMIC CHIP 47PF	5% 50V	D903	6-503-857-01	DIODE BAW56	
C883	1-126-933-11	ELECT 100uF	20% 16V	D904	6-502-970-01	DIODE DZ2J068M0L	
C884	1-118-345-11	CERAMIC CHIP 0.01uF	10% 25V	D905	8-719-085-36	DIODE 11EQS04-TB5	
C886	1-118-345-11	CERAMIC CHIP 0.01uF	10% 25V	D906	6-503-011-01	DIODE DZ2J039M0L	
C887	1-126-925-91	ELECT 470uF	20% 10V			< FERRITE BEAD/JUMPER RESISTOR >	
C888	1-118-345-11	CERAMIC CHIP 0.01uF	10% 25V	FB701	1-400-981-21	INDUCTOR (EMI FERRITE)	
C891	1-162-915-11	CERAMIC CHIP 10PF	0.5PF 50V	FB702	1-400-981-21	INDUCTOR (EMI FERRITE)	
C892	1-162-923-11	CERAMIC CHIP 47PF	5% 50V	FB703	1-400-981-21	INDUCTOR (EMI FERRITE)	
C893	1-162-915-11	CERAMIC CHIP 10PF	0.5PF 50V	FB704	1-400-981-21	INDUCTOR (EMI FERRITE)	
C894	1-162-923-11	CERAMIC CHIP 47PF	5% 50V	FB705	1-400-981-21	INDUCTOR (EMI FERRITE)	
C901	1-126-937-11	ELECT 4700uF	20% 16V	FB706	1-400-981-21	INDUCTOR (EMI FERRITE)	
C901	1-128-548-11	ELECT 4700uF	20% 25V (RS70BT: E41/RS70BTB) (RS70BT: E92, MX)	FB708	1-400-353-21	INDUCTOR 22uH	
C902	1-162-968-91	CERAMIC CHIP 0.0047uF	10% 50V	FB904	1-216-295-91	SHORT CHIP 0	
C903	1-104-662-91	ELECT 22uF	20% 25V	FB905	1-216-295-91	SHORT CHIP 0	
C904	1-126-933-11	ELECT 100uF	20% 16V			< IC >	
C905	1-118-345-11	CERAMIC CHIP 0.01uF	10% 25V	IC302	6-713-384-01	IC BD3491FS-SE2	
C906	1-126-935-11	ELECT 470uF	20% 16V	IC303	6-702-945-01	IC NJM14558V-TE2 (RS70BTB)	
C907	1-118-345-11	CERAMIC CHIP 0.01uF	10% 25V	IC304	8-759-426-51	IC BA5417	
C908	1-126-925-91	ELECT 470uF	20% 10V	IC305	6-702-945-01	IC NJM14558V-TE2	
C909	1-165-908-11	CERAMIC CHIP 1uF	10% 10V	IC401	8-759-677-02	IC BU4053BCF-E2 (RS70BTB)	
C911	1-165-908-11	CERAMIC CHIP 1uF	10% 10V	IC402	6-702-945-01	IC NJM14558V-TE2	
C919	1-126-933-11	ELECT 100uF	20% 16V	IC801	(Not supplied)	IC LC87F7NJ2AVUEJ-2H (RS70BT) (See Note)	
C920	1-118-289-11	CERAMIC CHIP 0.1uF	10% 16V	IC801	(Not supplied)	IC LC87F7NP6AVUEJ-2H (RS70BTB) (See Note)	
C922	1-162-968-91	CERAMIC CHIP 0.0047uF	10% 50V	* IC802	6-718-255-01	IC BR24T02FJ-WGE2	
C923	1-118-289-11	CERAMIC CHIP 0.1uF	10% 16V	IC803	6-703-285-01	IC S-812C33AUA-C2NT2G	
C924	1-104-662-91	ELECT 22uF	20% 25V	IC804	6-712-776-01	IC PST8228UL	
C925	1-164-230-11	CERAMIC CHIP 220PF	5% 50V	IC901	6-717-947-01	IC NJW4152GM1-A (TE2)	
C927	1-118-345-11	CERAMIC CHIP 0.01uF	10% 25V	IC904	6-705-312-01	IC S-T111B33MC-OGSTFG	
C928	1-126-947-11	ELECT 47uF	20% 35V			< JUMPER RESISTOR >	
C929	1-118-345-11	CERAMIC CHIP 0.01uF	10% 25V	JC401	1-216-864-11	SHORT CHIP 0 (RS70BTB)	
C930	1-162-923-11	CERAMIC CHIP 47PF	5% 50V			< COIL/JUMPER RESISTOR >	
C932	1-126-947-11	ELECT 47uF	20% 35V	L101	1-469-847-11	INDUCTOR 100uH (RS70BTB)	
C933	1-118-345-11	CERAMIC CHIP 0.01uF	10% 25V	L201	1-469-847-11	INDUCTOR 100uH (RS70BTB)	
C934	1-118-345-11	CERAMIC CHIP 0.01uF	10% 25V	L301	1-216-295-91	SHORT CHIP 0 (RS70BT)	
		< CONNECTOR >		L302	1-469-757-21	INDUCTOR 10uH	
CN301	1-784-921-11	PIN, CONNECTOR 4P		L303	1-469-757-21	INDUCTOR 10uH (RS70BTB)	
CN303	1-815-444-11	PIN, CONNECTOR (PWB) 3P		L701	1-216-295-91	SHORT CHIP 0	
CN801	1-779-279-11	CONNECTOR, FFC (LIF (NON-ZIF)) 11P		L702	1-400-353-21	INDUCTOR 22uH	
CN804	1-779-276-11	CONNECTOR, FFC (LIF (NON-ZIF)) 8P		L703	1-216-295-91	SHORT CHIP 0	
CN805	1-779-273-11	CONNECTOR, FFC (LIF (NON-ZIF)) 5P					
CN806	1-779-295-11	CONNECTOR, FFC (LIF (NON-ZIF)) 27P					

Note: IC801 on the MAIN board cannot exchange with single. When this part is damaged, exchange the complete mounted board.

ZS-RS70BT/RS70BTB

MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
L704	1-400-135-11	INDUCTOR	1uH	R137	1-216-829-11	METAL CHIP	4.7K 5% 1/10W (RS70BTB)
L801	1-400-135-11	INDUCTOR	1uH				
L802	1-469-757-21	INDUCTOR	10uH	R138	1-216-864-11	SHORT CHIP	0
L805	1-469-847-11	INDUCTOR	100uH	R139	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
L806	1-469-847-11	INDUCTOR	100uH	R140	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
L808	1-400-353-21	INDUCTOR	22uH	R141	1-216-833-11	METAL CHIP	10K 5% 1/10W
L809	1-400-135-11	INDUCTOR	1uH	R177	1-216-833-11	METAL CHIP	10K 5% 1/10W
L902	1-457-783-21	CHOKE COIL	22uH	R178	1-216-835-11	METAL CHIP	15K 5% 1/10W
L903	1-469-847-11	INDUCTOR	100uH	R179	1-216-835-11	METAL CHIP	15K 5% 1/10W
L907	1-469-847-11	INDUCTOR	100uH	R180	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
		< TRANSISTOR >		R181	1-216-817-11	METAL CHIP	470 5% 1/10W
Q101	8-729-200-72	TRANSISTOR	2SC2712L-TE85L	R182	1-216-845-11	METAL CHIP	100K 5% 1/10W
Q201	8-729-200-72	TRANSISTOR	2SC2712L-TE85L	R210	1-216-789-11	METAL CHIP	2.2 5% 1/10W
Q301	8-729-200-72	TRANSISTOR	2SC2712L-TE85L	R211	1-216-814-11	METAL CHIP	270 5% 1/10W
Q302	8-729-200-72	TRANSISTOR	2SC2712L-TE85L	R213	1-216-849-11	METAL CHIP	220K 5% 1/10W
Q303	8-729-216-22	TRANSISTOR	2SA1162-G (RS70BTB)	R214	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q304	8-729-200-72	TRANSISTOR	2SC2712L-TE85L (RS70BTB)	R215	1-216-834-11	METAL CHIP	12K 5% 1/10W
Q801	8-729-200-72	TRANSISTOR	2SC2712L-TE85L	R216	1-216-841-11	METAL CHIP	47K 5% 1/10W
Q802	8-729-200-72	TRANSISTOR	2SC2712L-TE85L	R218	1-216-833-11	METAL CHIP	10K 5% 1/10W
Q803	8-729-200-72	TRANSISTOR	2SC2712L-TE85L	R219	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
Q804	6-553-280-01	TRANSISTOR	PDTC143ET	R221	1-216-826-11	METAL CHIP	2.7K 5% 1/10W
Q805	6-552-891-01	TRANSISTOR	LSAR523UBFS8TL	R223	1-216-864-11	SHORT CHIP	0
Q806	8-729-216-22	TRANSISTOR	2SA1162-G	R224	1-216-833-11	METAL CHIP	10K 5% 1/10W
Q807	8-729-200-72	TRANSISTOR	2SC2712L-TE85L	R227	1-216-833-11	METAL CHIP	10K 5% 1/10W
Q808	6-552-760-01	FET	SSM3J325F, LSOYF	R229	1-216-833-11	METAL CHIP	10K 5% 1/10W (RS70BTB)
Q809	8-729-200-72	TRANSISTOR	2SC2712L-TE85L	R231	1-216-834-11	METAL CHIP	12K 5% 1/10W (RS70BTB)
Q901	6-553-283-01	TRANSISTOR	PDTC143ZT	R231	1-216-864-11	SHORT CHIP	0 (RS70BT)
Q902	8-729-040-76	TRANSISTOR	KTA1273-Y-AT	R233	1-216-832-11	METAL CHIP	8.2K 5% 1/10W
Q903	8-729-200-72	TRANSISTOR	2SC2712L-TE85L	R234	1-216-845-11	METAL CHIP	100K 5% 1/10W (RS70BTB)
Q904	8-729-018-99	TRANSISTOR	2SD2394-F	R235	1-216-857-11	METAL CHIP	1M 5% 1/10W (RS70BTB)
Q905	8-729-028-54	TRANSISTOR	KTC3205	R236	1-216-821-11	METAL CHIP	1K 5% 1/10W (RS70BTB)
Q906	8-729-040-76	TRANSISTOR	KTA1273-Y-AT	R237	1-216-829-11	METAL CHIP	4.7K 5% 1/10W (RS70BTB)
Q907	6-553-283-01	TRANSISTOR	PDTC143ZT				
		< RESISTOR/FERRITE BEAD >					
R110	1-216-789-11	METAL CHIP	2.2 5% 1/10W	R238	1-216-864-11	SHORT CHIP	0
R111	1-216-814-11	METAL CHIP	270 5% 1/10W	R239	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R113	1-216-849-11	METAL CHIP	220K 5% 1/10W	R240	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R114	1-216-821-11	METAL CHIP	1K 5% 1/10W	R241	1-216-833-11	METAL CHIP	10K 5% 1/10W
R115	1-216-834-11	METAL CHIP	12K 5% 1/10W	R277	1-216-833-11	METAL CHIP	10K 5% 1/10W
R116	1-216-841-11	METAL CHIP	47K 5% 1/10W	R278	1-216-835-11	METAL CHIP	15K 5% 1/10W
R118	1-216-833-11	METAL CHIP	10K 5% 1/10W	R279	1-216-835-11	METAL CHIP	15K 5% 1/10W
R119	1-216-829-11	METAL CHIP	4.7K 5% 1/10W	R280	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R121	1-216-826-11	METAL CHIP	2.7K 5% 1/10W	R281	1-216-817-11	METAL CHIP	470 5% 1/10W
R123	1-216-864-11	SHORT CHIP	0	R282	1-216-845-11	METAL CHIP	100K 5% 1/10W
R124	1-216-833-11	METAL CHIP	10K 5% 1/10W	R301	1-216-821-11	METAL CHIP	1K 5% 1/10W
R127	1-216-833-11	METAL CHIP	10K 5% 1/10W	R303	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R129	1-216-833-11	METAL CHIP	10K 5% 1/10W (RS70BTB)	R304	1-216-845-11	METAL CHIP	100K 5% 1/10W
R131	1-216-834-11	METAL CHIP	12K 5% 1/10W (RS70BTB)	R305	1-216-821-11	METAL CHIP	1K 5% 1/10W
R131	1-216-864-11	SHORT CHIP	0 (RS70BT)	R306	1-216-837-11	METAL CHIP	22K 5% 1/10W
R133	1-216-832-11	METAL CHIP	8.2K 5% 1/10W	R309	1-216-821-11	METAL CHIP	1K 5% 1/10W
R134	1-216-845-11	METAL CHIP	100K 5% 1/10W (RS70BTB)	R310	1-216-821-11	METAL CHIP	1K 5% 1/10W
R135	1-216-857-11	METAL CHIP	1M 5% 1/10W (RS70BTB)	R311	1-216-841-11	METAL CHIP	47K 5% 1/10W
R136	1-216-821-11	METAL CHIP	1K 5% 1/10W (RS70BTB)	R312	1-216-853-11	METAL CHIP	470K 5% 1/10W
				R313	1-216-841-11	METAL CHIP	47K 5% 1/10W
				R314	1-216-833-11	METAL CHIP	10K 5% 1/10W
				R315	1-216-809-11	METAL CHIP	100 5% 1/10W
				R316	1-216-809-11	METAL CHIP	100 5% 1/10W

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R317	1-216-845-11	METAL CHIP	100K 5%	1/10W (RS70BTB)	R446	1-216-864-11	SHORT CHIP 0
R318	1-216-845-11	METAL CHIP	100K 5%	1/10W (RS70BTB)	R447	1-216-864-11	SHORT CHIP 0
R319	1-216-821-11	METAL CHIP	1K 5%	1/10W (RS70BTB)	R448	1-216-864-11	SHORT CHIP 0
R320	1-216-837-11	METAL CHIP	22K 5%	1/10W (RS70BTB)	R449	1-216-864-11	SHORT CHIP 0
R321	1-216-833-11	METAL CHIP	10K 5%	1/10W (RS70BTB)	R450	1-216-864-11	SHORT CHIP 0
R322	1-216-841-11	METAL CHIP	47K 5%	1/10W (RS70BTB)	R451	1-216-864-11	SHORT CHIP 0
R323	1-216-833-11	METAL CHIP	10K 5%	1/10W (RS70BTB)	R452	1-216-839-11	METAL CHIP 33K 5% 1/10W
R324	1-216-845-11	METAL CHIP	100K 5%	1/10W (RS70BTB)	R453	1-216-864-11	SHORT CHIP 0
R326	1-216-817-11	METAL CHIP	470 5%	1/10W	R454	1-216-839-11	METAL CHIP 33K 5% 1/10W
R327	1-216-817-11	METAL CHIP	470 5%	1/10W	R455	1-216-864-11	SHORT CHIP 0
R329	1-216-833-11	METAL CHIP	10K 5%	1/10W	R456	1-216-839-11	METAL CHIP 33K 5% 1/10W
R330	1-216-833-11	METAL CHIP	10K 5%	1/10W	R457	1-216-864-11	SHORT CHIP 0
R331	1-216-864-11	SHORT CHIP	0		R458	1-216-839-11	METAL CHIP 33K 5% 1/10W
R332	1-216-857-11	METAL CHIP	1M 5%	1/10W	R459	1-216-864-11	SHORT CHIP 0
R335	1-216-864-11	SHORT CHIP	0		R460	1-216-837-11	METAL CHIP 22K 5% 1/10W
R336	1-216-864-11	SHORT CHIP	0		R461	1-216-821-11	METAL CHIP 1K 5% 1/10W
R374	1-218-867-11	METAL CHIP	6.8K 0.5%	1/10W	R462	1-216-837-11	METAL CHIP 22K 5% 1/10W
R375	1-218-867-11	METAL CHIP	6.8K 0.5%	1/10W	R463	1-216-837-11	METAL CHIP 22K 5% 1/10W
R376	1-218-867-11	METAL CHIP	6.8K 0.5%	1/10W	R464	1-216-837-11	METAL CHIP 22K 5% 1/10W
R377	1-218-867-11	METAL CHIP	6.8K 0.5%	1/10W	R465	1-216-821-11	METAL CHIP 1K 5% 1/10W
R401	1-216-809-11	METAL CHIP	100 5%	1/10W	R466	1-216-833-11	METAL CHIP 10K 5% 1/10W
R402	1-216-809-11	METAL CHIP	100 5%	1/10W	R467	1-216-833-11	METAL CHIP 10K 5% 1/10W
R403	1-216-845-11	METAL CHIP	100K 5%	1/10W	R468	1-216-821-11	METAL CHIP 1K 5% 1/10W (RS70BTB)
R404	1-216-809-11	METAL CHIP	100 5%	1/10W	R469	1-216-864-11	SHORT CHIP 0 (RS70BTB)
R405	1-216-845-11	METAL CHIP	100K 5%	1/10W	R470	1-216-821-11	METAL CHIP 1K 5% 1/10W (RS70BTB)
R406	1-216-809-11	METAL CHIP	100 5%	1/10W	R471	1-216-821-11	METAL CHIP 1K 5% 1/10W (RS70BTB)
R407	1-216-845-11	METAL CHIP	100K 5%	1/10W	R472	1-216-821-11	METAL CHIP 1K 5% 1/10W (RS70BTB)
R408	1-216-829-11	METAL CHIP	4.7K 5%	1/10W	R473	1-216-864-11	SHORT CHIP 0 (RS70BTB)
R409	1-216-841-11	METAL CHIP	47K 5%	1/10W	R474	1-216-845-11	METAL CHIP 100K 5% 1/10W (RS70BTB)
R410	1-216-821-11	METAL CHIP	1K 5%	1/10W	R475	1-216-845-11	METAL CHIP 100K 5% 1/10W (RS70BTB)
R411	1-216-853-11	METAL CHIP	470K 5%	1/10W	R703	1-216-864-11	SHORT CHIP 0
R412	1-216-847-11	METAL CHIP	150K 5%	1/10W	R704	1-216-864-11	SHORT CHIP 0
R413	1-216-847-11	METAL CHIP	150K 5%	1/10W	R705	1-216-864-11	SHORT CHIP 0
R414	1-216-853-11	METAL CHIP	470K 5%	1/10W	R706	1-216-864-11	SHORT CHIP 0
R416	1-216-841-11	METAL CHIP	47K 5%	1/10W	R801	1-216-821-11	METAL CHIP 1K 5% 1/10W
R417	1-216-857-11	METAL CHIP	1M 5%	1/10W	R802	1-216-821-11	METAL CHIP 1K 5% 1/10W
R418	1-216-845-11	METAL CHIP	100K 5%	1/10W	R803	1-216-813-11	METAL CHIP 220 5% 1/10W
R419	1-216-864-11	SHORT CHIP	0		R804	1-216-813-11	METAL CHIP 220 5% 1/10W
R420	1-216-833-11	METAL CHIP	10K 5%	1/10W	R805	1-216-817-11	METAL CHIP 470 5% 1/10W
R421	1-216-833-11	METAL CHIP	10K 5%	1/10W	R806	1-216-821-11	METAL CHIP 1K 5% 1/10W
R422	1-216-833-11	METAL CHIP	10K 5%	1/10W	R807	1-216-817-11	METAL CHIP 470 5% 1/10W
R430	1-216-817-11	METAL CHIP	470 5%	1/10W (RS70BT)	R808	1-216-821-11	METAL CHIP 1K 5% 1/10W
R431	1-216-809-11	METAL CHIP	100 5%	1/10W	R809	1-216-821-11	METAL CHIP 1K 5% 1/10W
R432	1-216-817-11	METAL CHIP	470 5%	1/10W (RS70BT)	R810	1-216-864-11	SHORT CHIP 0
R432	1-216-821-11	METAL CHIP	1K 5%	1/10W (RS70BTB)	R811	1-216-833-11	METAL CHIP 10K 5% 1/10W
R433	1-216-809-11	METAL CHIP	100 5%	1/10W	R812	1-216-841-11	METAL CHIP 47K 5% 1/10W
R440	1-216-833-11	METAL CHIP	10K 5%	1/10W (RS70BT)	R813	1-216-853-11	METAL CHIP 470K 5% 1/10W
R443	1-216-833-11	METAL CHIP	10K 5%	1/10W (RS70BTB)	R815	1-216-817-11	METAL CHIP 470 5% 1/10W
R445	1-216-864-11	SHORT CHIP	0		R817	1-216-833-11	METAL CHIP 10K 5% 1/10W
					R818	1-216-821-11	METAL CHIP 1K 5% 1/10W
					R819	1-216-813-11	METAL CHIP 220 5% 1/10W
					R820	1-216-813-11	METAL CHIP 220 5% 1/10W
					R821	1-216-833-11	METAL CHIP 10K 5% 1/10W
					R822	1-216-833-11	METAL CHIP 10K 5% 1/10W
					R823	1-216-833-11	METAL CHIP 10K 5% 1/10W

ZS-RS70BT/RS70BTB

MAIN POWER

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R824	1-216-833-11	METAL CHIP	10K 5%	R885	1-216-864-11	SHORT CHIP	0
R825	1-216-864-11	SHORT CHIP	0	R886	1-216-821-11	METAL CHIP	1K 5%
R826	1-216-864-11	SHORT CHIP	0	R888	1-216-817-11	METAL CHIP	470 5%
R827	1-216-864-11	SHORT CHIP	0	R890	1-216-845-11	METAL CHIP	100K 5%
R828	1-216-829-11	METAL CHIP	4.7K 5%	R891	1-216-817-11	METAL CHIP	470 5%
R829	1-216-829-11	METAL CHIP	4.7K 5%	R893	1-216-833-11	METAL CHIP	10K 5%
R830	1-216-829-11	METAL CHIP	4.7K 5%	R894	1-216-833-11	METAL CHIP	10K 5%
R831	1-216-821-11	METAL CHIP	1K 5%	R895	1-216-821-11	METAL CHIP	1K 5%
			(RS70BT)	R896	1-216-821-11	METAL CHIP	1K 5%
R832	1-216-833-11	METAL CHIP	10K 5%	R897	1-216-821-11	METAL CHIP	1K 5%
R833	1-216-833-11	METAL CHIP	10K 5%	R898	1-216-821-11	METAL CHIP	1K 5%
R834	1-216-833-11	METAL CHIP	10K 5%	R899	1-216-809-11	METAL CHIP	100 5%
R836	1-216-837-11	METAL CHIP	22K 5%	R901	1-216-825-11	METAL CHIP	2.2K 5%
R837	1-216-829-11	METAL CHIP	4.7K 5%	R902	1-216-825-11	METAL CHIP	2.2K 5%
R838	1-216-809-11	METAL CHIP	100 5%	R903	1-216-825-11	METAL CHIP	2.2K 5%
R839	1-216-821-11	METAL CHIP	1K 5%	R904	1-216-825-11	METAL CHIP	2.2K 5%
R840	1-216-841-11	METAL CHIP	47K 5%	R905	1-216-833-11	METAL CHIP	10K 5%
R841	1-216-845-11	METAL CHIP	100K 5%	R907	1-216-833-11	METAL CHIP	10K 5%
R842	1-216-841-11	METAL CHIP	47K 5%	R908	1-216-841-11	METAL CHIP	47K 5%
R843	1-216-841-11	METAL CHIP	47K 5%	R909	1-216-825-11	METAL CHIP	2.2K 5%
R844	1-216-857-11	METAL CHIP	1M 5%	R910	1-216-825-11	METAL CHIP	2.2K 5%
R845	1-216-845-11	METAL CHIP	100K 5%	R911	1-216-821-11	METAL CHIP	1K 5%
R846	1-216-853-11	METAL CHIP	470K 5%	R912	1-216-821-11	METAL CHIP	1K 5%
R847	1-216-841-11	METAL CHIP	47K 5%	R913	1-216-821-11	METAL CHIP	1K 5%
R848	1-216-853-11	METAL CHIP	470K 5%	R915	1-216-809-11	METAL CHIP	100 5%
R849	1-216-829-11	METAL CHIP	4.7K 5%	R921	1-216-838-11	METAL CHIP	27K 5%
R850	1-216-829-11	METAL CHIP	4.7K 5%	R923	1-216-827-11	METAL CHIP	3.3K 5%
R851	1-216-829-11	METAL CHIP	4.7K 5%	R924	1-216-829-11	METAL CHIP	4.7K 5%
R852	1-216-841-11	METAL CHIP	47K 5%	R925	1-216-864-11	SHORT CHIP	0
R853	1-216-864-11	SHORT CHIP	0	R926	1-216-864-11	SHORT CHIP	0
R854	1-216-864-11	SHORT CHIP	0	R927	1-250-650-11	METAL CHIP	27K 1%
R855	1-216-809-11	METAL CHIP	100 5%	R929	1-250-633-11	METAL CHIP	5.1K 1%
R856	1-216-809-11	METAL CHIP	100 5%	R931	1-216-809-11	METAL CHIP	100 5%
R857	1-216-809-11	METAL CHIP	100 5%	R932	1-216-809-11	METAL CHIP	100 5%
R858	1-216-845-11	METAL CHIP	100K 5%	R933	1-216-809-11	METAL CHIP	100 5%
R860	1-216-821-11	METAL CHIP	1K 5%	R934	1-216-809-11	METAL CHIP	100 5%
R861	1-216-821-11	METAL CHIP	1K 5%	R935	1-216-809-11	METAL CHIP	100 5%
R862	1-216-821-11	METAL CHIP	1K 5%	R936	1-216-841-11	METAL CHIP	47K 5%
R863	1-216-821-11	METAL CHIP	1K 5%	R937	1-216-825-11	METAL CHIP	2.2K 5%
R864	1-216-821-11	METAL CHIP	1K 5%	R938	1-216-825-11	METAL CHIP	2.2K 5%
R865	1-216-817-11	METAL CHIP	470 5%	R940	1-216-833-11	METAL CHIP	10K 5%
R867	1-216-821-11	METAL CHIP	1K 5%			< VIBRATOR >	
R868	1-216-821-11	METAL CHIP	1K 5%				
R869	1-216-864-11	SHORT CHIP	0	X801	1-814-180-21	VIBRATOR, CERAMIC (10 MHz)	
R870	1-216-821-11	METAL CHIP	1K 5%	*****			
R871	1-216-845-11	METAL CHIP	100K 5%	A-1954-871-A	POWER BOARD, COMPLETE (RS70BTB)		
R872	1-216-845-11	METAL CHIP	100K 5%	A-1954-872-A	POWER BOARD, COMPLETE (RS70BT: E41)		
R873	1-216-845-11	METAL CHIP	100K 5%	A-1954-873-A	POWER BOARD, COMPLETE (RS70BT: E92, MX)		
R874	1-400-984-21	INDUCTOR (EMI FERRITE)		*****			
R875	1-400-981-21	INDUCTOR (EMI FERRITE)				< CAPACITOR >	
R876	1-400-981-21	INDUCTOR (EMI FERRITE)		C981	1-118-369-11	CERAMIC CHIP	0.022uF 10% 50V
R877	1-400-981-21	INDUCTOR (EMI FERRITE)		C982	1-118-369-11	CERAMIC CHIP	0.022uF 10% 50V
R878	1-216-833-11	METAL CHIP	10K 5%	C983	1-118-369-11	CERAMIC CHIP	0.022uF 10% 50V
			(RS70BT: E41)	C984	1-118-369-11	CERAMIC CHIP	0.022uF 10% 50V
R879	1-216-864-11	SHORT CHIP	0 (RS70BT: E92, MX/RS70BTB)	C986	1-126-964-11	ELECT	10uF 20% 50V
R880	1-216-833-11	METAL CHIP	10K 5%				
			(RS70BT: E92, MX)	C987	1-118-369-11	CERAMIC CHIP	0.022uF 10% 50V
R881	1-216-864-11	SHORT CHIP	0 (RS70BT: E41/RS70BTB)	C988	1-126-768-11	ELECT	2200uF 20% 16V
R882	1-216-833-11	METAL CHIP	10K 5%				
			(RS70BT: MX)				
R883	1-216-864-11	SHORT CHIP	0 (RS70BT: E41, E92/RS70BTB)				

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		< CONNECTOR >		C25	1-126-947-11	ELECT 47uF 20%	35V
CN982	1-822-674-11	HEADER ASSEMBLY FOR PRINTED WI		C26	1-164-227-11	CERAMIC CHIP 0.022uF 10%	25V
		< DIODE >		C913	1-165-908-11	CERAMIC CHIP 1uF 10%	10V
D981	6-501-569-01	DIODE 1N5401-C352		C914	1-165-908-11	CERAMIC CHIP 1uF 10%	10V
D982	6-501-569-01	DIODE 1N5401-C352				< CONNECTOR >	
D983	6-501-569-01	DIODE 1N5401-C352		CN4	1-779-279-11	CONNECTOR, FFC (LIF (NON-ZIF)) 11P	
D984	6-501-569-01	DIODE 1N5401-C352				< DIODE >	
		< FUSE HOLDER >		D1	6-500-400-01	DIODE BAV99-215	
FH983	1-533-223-51	FUSE HOLDER		D2	6-500-400-01	DIODE BAV99-215	
FH984	1-533-223-51	FUSE HOLDER		D3	6-500-400-01	DIODE BAV99-215	
FH985	1-533-223-51	FUSE HOLDER				< IC >	
FH986	1-533-223-51	FUSE HOLDER		IC1	6-717-974-01	IC SI4730-D60-GUR	
		< JACK >		IC905	6-705-312-01	IC S-T111B33MC-OGSTFG	
△ J981	1-843-190-11	INLET, AC (~ AC IN) (RS70BT: E92, MX)				< COIL/JUMPER RESISTOR >	
△ J981	1-843-191-11	INLET, AC (~ AC IN) (RS70BT: E41/RS70BTB)		L1	1-481-337-21	INDUCTOR 33nH	
		< RESISTOR >		L2	1-469-757-21	INDUCTOR 10uH	
R981	1-216-827-11	METAL CHIP 3.3K 5% 1/10W		L3	1-469-846-11	INDUCTOR 47uH	
R984	1-216-827-11	METAL CHIP 3.3K 5% 1/10W		L5	1-412-975-31	INDUCTOR 0.47uH	
R985	1-216-827-11	METAL CHIP 3.3K 5% 1/10W		L6	1-457-904-11	COIL, BAR ANTENNA (AM)	
*****				L908	1-216-295-91	SHORT CHIP 0	
		SOFT BOARD				< RESISTOR >	
		*****		R1	1-216-821-11	METAL CHIP 1K 5% 1/10W	
		< CONNECTOR >		R2	1-216-797-11	METAL CHIP 10 5% 1/10W	
CN809	1-784-857-51	CONNECTOR, FFC (LIF (NON-ZIF)) 5P		R3	1-216-821-11	METAL CHIP 1K 5% 1/10W	
CN810	1-784-365-51	CONNECTOR, FFC/FPC 5P		R4	1-216-821-11	METAL CHIP 1K 5% 1/10W	
*****				R5	1-216-821-11	METAL CHIP 1K 5% 1/10W	
A-1954-875-A		TUNER BOARD, COMPLETE (RS70BT)		R6	1-216-821-11	METAL CHIP 1K 5% 1/10W	
		*****		R7	1-216-821-11	METAL CHIP 1K 5% 1/10W	
3-249-551-02		HOLDER (PWB TU)		R8	1-216-821-11	METAL CHIP 1K 5% 1/10W	
4-281-472-01		SHIELD (PLATE)		R9	1-216-828-11	METAL CHIP 3.9K 5% 1/10W	
4-465-303-01		SPRING, ANTENNA		R10	1-216-828-11	METAL CHIP 3.9K 5% 1/10W	
		< CAPACITOR >		R11	1-216-864-11	SHORT CHIP 0	
C1	1-162-923-11	CERAMIC CHIP 47PF 5% 50V		R12	1-216-864-11	SHORT CHIP 0	
C2	1-162-923-11	CERAMIC CHIP 47PF 5% 50V		R13	1-216-864-11	SHORT CHIP 0	
C3	1-162-919-11	CERAMIC CHIP 22PF 5% 50V				< VIBRATOR >	
C4	1-162-919-11	CERAMIC CHIP 22PF 5% 50V		X1	1-795-915-11	VIBRATOR, CRYSTAL (32.768 kHz)	
C5	1-162-923-11	CERAMIC CHIP 47PF 5% 50V		*****			
C6	1-162-919-11	CERAMIC CHIP 22PF 5% 50V				MISCELLANEOUS	
C7	1-118-290-11	CERAMIC CHIP 0.001uF 10% 50V				*****	
C10	1-162-917-11	CERAMIC CHIP 15PF 5% 50V		ANT1	1-754-826-11	ANTENNA, TELESCOPIC	
C11	1-162-919-11	CERAMIC CHIP 22PF 5% 50V		BT1	X-2587-968-1	BLUETOOTH MODULE SUB ASSY (Including Bluetooth module, NFC) (See Note)	
C12	1-125-891-11	CERAMIC CHIP 0.47uF 10% 10V		△ F982	1-532-465-33	FUSE (T 3.15 AL/250 V)	
C13	1-118-290-11	CERAMIC CHIP 0.001uF 10% 50V		△ F983	1-532-388-33	FUSE (T 2 AL/250 V)	
C14	1-162-923-11	CERAMIC CHIP 47PF 5% 50V		FFC1	1-832-404-21	CABLE, FLEXIBLE FLAT (16 CORE)	
C15	1-118-290-11	CERAMIC CHIP 0.001uF 10% 50V		FFC2	1-832-646-11	CABLE, FLEXIBLE FLAT (27 CORE)	
C16	1-162-919-11	CERAMIC CHIP 22PF 5% 50V		FFC3	1-832-565-21	CABLE, FLEXIBLE FLAT (11 CORE) (RS70BT)	
C17	1-162-919-11	CERAMIC CHIP 22PF 5% 50V		FFC3	1-846-967-11	FLEXIBLE FLAT CABLE (11P) (RS70BTB)	
C18	1-118-289-11	CERAMIC CHIP 0.1uF 10% 16V		FFC4	1-846-837-21	CABLE, FLEXIBLE FLAT (14 CORE)	
C19	1-118-290-11	CERAMIC CHIP 0.001uF 10% 50V		FFC5	1-839-492-21	CABLE, FLEXIBLE FLAT (8 CORE)	
C20	1-165-908-11	CERAMIC CHIP 1uF 10% 10V		FFC6	1-846-966-11	FLEXIBLE FLAT CABLE (11P)	
C22	1-162-966-91	CERAMIC CHIP 0.0022uF 10% 50V		FFC7	1-846-838-11	CABLE, FLEXIBLE FLAT (14P)	
C24	1-162-966-91	CERAMIC CHIP 0.0022uF 10% 50V		FFC8	1-832-535-21	CABLE, FLEXIBLE FLAT (5 CORE)	

Note: When Bluetooth module sub assy is replaced, refer to "NOTE OF REPLACING THE Bluetooth MODULE OR RC-S711 (NFC)" on page 5.

ZS-RS70BT/RS70BTB

Ref. No.	Part No.	Description	Remark
MAG1	1-452-899-11	MAGNET	
△ OP1	1-856-515-11	OPTICAL PICK-UP (EM101 RNSZS) (Including sled motor, spindle motor)	
S701	1-572-085-21	SWITCH, LEAF (LIMIT)	
S801	1-692-960-11	SWITCH, PUSH (1 KEY) (CD LID OPEN/CLOSE DETECT)	
SP101	1-858-925-11	LOUDSPEAKER (7.7 cm) (L-ch)	
SP201	1-858-925-11	LOUDSPEAKER (7.7 cm) (R-ch)	
△ T981	1-445-291-11	TRANSFORMER, POWER (E92, MX)	
△ T981	1-445-292-21	TRANSFORMER, POWER (E41, AEP, UK)	

ACCESSORIES

△	1-835-070-22	CORD SET, POWER-SUPPLY (AC power cord) (UK)
△	1-836-379-13	CORD, POWER (AC power cord) (E41, AEP)
△	1-837-541-12	CORD, POWER (AC power cord) (E92, MX)
	4-470-543-12	MANUAL, INSTRUCTION (ENGLISH) (AEP, UK)
	4-470-543-22	MANUAL, INSTRUCTION (FRENCH) (AEP)
	4-470-543-32	MANUAL, INSTRUCTION (SPANISH) (AEP)
	4-470-543-42	MANUAL, INSTRUCTION (GERMAN) (AEP)
	4-470-543-52	MANUAL, INSTRUCTION (ITALIAN) (AEP)
	4-470-543-62	MANUAL, INSTRUCTION (SWEDISH) (AEP)
	4-470-543-72	MANUAL, INSTRUCTION (DANISH) (AEP)
	4-470-543-82	MANUAL, INSTRUCTION (FINNISH) (AEP)
	4-470-543-92	MANUAL, INSTRUCTION (NORWEGIAN) (AEP)
	4-470-545-12	MANUAL, INSTRUCTION (ENGLISH) (E41, E92)
	4-470-545-21	MANUAL, INSTRUCTION (SPANISH) (E41, E92, MX)

MEMO

