HCD-DZ265K/DZ266K/DZ270K/ DZ570K/DZ777K

SERVICE MANUAL

E Model
HCD-DZ270K/DZ570K/DZ777K
Russian Model
HCD-DZ265K/DZ266K

Self Diagnosis Supported model

Ver. 1.0 2008.04

Photo : HCD-DZ777K

- HCD-DZ265K/DZ266K/DZ270K/DZ570K/DZ777K are the amplifier, DVD/CD and tuner section in DAV-DZ265K/DZ266K/DZ270K/DZ570K/DZ777K.

This system incorporates with Dolby* Digital and Dolby Pro Logic (II) adaptive matrix surround decoder and the DTS** Digital Surround System.

* Manufactured under license from Dolby Laboratories. "Dolby", "Pro Logic", and the double-D symbol are trademarks of Dolby Laboratories.

** Manufactured under license from DTS, Inc. "DTS" and "DTS Digital Surround" are registered trademarks of DTS, Inc.

Model Name Using Similar Mechanism	HCD-DZ260/DZ270/HDZ278
Mechanism Type	CDM85-DVBU102
Optical Pick-up Name	KHM-313CAA

SPECIFICATIONS

Amplifier Section (DZ265K/DZ266K/DZ270K/DZ570K)

Stereo mode (rated): 108 W + 108 W (at 3 ohms, 1 kHz, 1% THD)

Surround mode (reference): RMS output power FL/FR/C/SL/SR*: 142 watts (per channel at 3 ohms, 1 kHz, 10% THD) Subwoofer*: 140 watts (at 3 ohms, 80 Hz, 10% THD)

** Depending on the decoding mode settings and the source, there may be no sound output.*

Inputs (Analog)
TV/VIDEO (AUDIO IN): Sensitivity: 450/250 mV
AUDIO IN/MIC1: Sensitivity: AUDIO IN 250/125 mV/MIC1 1 mV
MIC2: Sensitivity: 1 mV

Amplifier Section (DZ777K)

Stereo mode (rated): 108 W + 108 W (at 3 ohms, 1 kHz, 1% THD)

Surround mode (reference): RMS output power FL/FR/C/SL/SR*: 143 watts (per channel at 3 ohms, 1 kHz, 10% THD) Subwoofer*: 285 watts (at 1.5 ohms, 80 Hz, 10% THD)

** Depending on the decoding mode settings and the source, there may be no sound output.*

Inputs (Analog)
TV (AUDIO IN): Sensitivity: 450/250 mV
SAT/CABLE (AUDIO IN): Sensitivity: 450/250 mV
AUDIO IN/MIC1: Sensitivity: AUDIO IN 250/125 mV/MIC1 1 mV
MIC2: Sensitivity: 1 mV

Super Audio CD/DVD System

Laser: Semiconductor laser (Super Audio CD/DVD: λ = 650 nm) (CD: λ = 790 nm) Emission duration: continuous

Signal format system
Russian models: PAL/NTSC
Other models: NTSC/PAL

USB Section

Supported bit rate
MP3 (MPEG 1 Audio Layer-3): 32 kbps - 320 kbps
WMA: 48 kbps - 192 kbps
AAC: 48 kbps - 320 kbps
Sampling frequencies
MP3 (MPEG 1 Audio Layer-3): 32/44.1/48 kHz
WMA: 44.1 kHz
AAC: 44.1 kHz
(USB) port:
Maximum current: 500 mA

Tuner Section

System: PLL quartz-locked digital synthesizer

FM tuner section
Tuning range: 87.5 MHz - 108.0 MHz (50 kHz step)
Antenna (aerial): FM wire antenna (aerial)
Antenna (aerial) terminals: 75 ohms, unbalanced
Intermediate frequency: 10.7 MHz
AM tuner section
Tuning range
Russian model: 531 kHz - 1,602 kHz (with the interval set at 9 kHz)
Other models: 531 kHz - 1,602 kHz (with the interval set at 9 kHz) 530 kHz - 1,610 kHz (with the interval set at 10 kHz)
Antenna (aerial): AM loop antenna (aerial)
Intermediate frequency: 450 kHz

Video Section

Outputs: VIDEO: 1 Vp-p 75 ohms
COMPONENT:
Y: 1 Vp-p 75 ohms
PB/CB, PR/CR: 0.7 Vp-p 75 ohms
HDMI OUT: Type A (19 pin)

– Continued on next page –

DVD RECEIVER

9-889-101-01
2008D04-1
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Sony Corporation
Audio Business Group
Published by Sony Techno Create Corporation

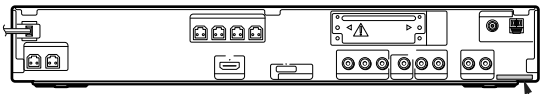
SONY

General

Power requirements
Saudi Arabia models: 127 V - 240 V AC, 50/60 Hz
Other models: 220 V - 240 V AC, 50/60 Hz
Power consumption
HCD-DZ265K/DZ266K: On: 155 W
Standby: 0.3 W (at the Power Saving mode)
HCD-DZ270K: On: 160 W
Standby: 0.3 W (at the Power Saving mode)
HCD-DZ570K/DZ777K: On: 170 W
Standby: 0.3 W (at the Power Saving mode)
Output voltage (DIGITAL MEDIA PORT) (HCD-DZ570K/DZ777K only)
DC 5 V
Output current (DIGITAL MEDIA PORT) (HCD-DZ570K/DZ777K only)
700 mA
Dimensions (approx.) 430 mm × 66 mm × 385 mm (w/h/d) incl. projecting parts
Mass (approx.) 4.2 kg

Design and specifications are subject to change without notice.

MODEL IDENTIFICATION
– Back Panel –



Parts No.

Model	Part No.
DZ270K: SP model	3-273-759-3□
DZ270K: TH model	3-273-759-4□
DZ265K: RU model	3-273-759-6□
DZ270K: EA model	3-273-760-7□
DZ570K: SP model	3-273-761-2□
DZ570K: TH model	3-273-761-8□
DZ570K: EA model	3-273-762-4□
DZ777K: SP model	3-273-763-0□
DZ777K: TH model	3-273-763-4□
DZ266K: RU model	3-273-763-6□
DZ270K: PH model	3-273-763-9□
DZ570K: PH model	3-273-764-8□

- Abbreviation
  EA : Saudi Arabia model
  PH : Philippines model
  SP : Singapore model
  RU : Russian model
  TH : Thai model

Special Component Notice

The components identified by mark 🔒 contain confidential information.
Strictly follow the instructions whenever the components are repaired and/or replaced.

SAFETY-RELATED COMPONET WARNING!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ 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.

Laser component in this product is capable of emitting radiation exceeding the limit for Class 1.

This appliance is classified as a CLASS 1 LASER product.
This marking is located on the rear or bottom exterior.

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

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.

Flexible Circuit Board Repairing

- Keep the temperature of soldering iron around 270 °C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

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.

About This Operating Instructions

- The instructions in this Operating Instructions describe the controls on the remote. You can also use the controls on the unit if they have the same or similar names as those on the remote.
- The Control Menu items may vary depending on the area.
- “DVD” may be used as a general term for a DVD VIDEO, DVD+RW/DVD+R, and DVD-RW/DVD-R.
- Measurements are expressed in feet (ft) for North American models.
- The default setting is underlined.

About the S-AIR function

The system is compatible with the S-AIR function, which allows transmission of sound between S-AIR products wirelessly.
The following S-AIR products can be used with the system:

- Surround amplifier: You can enjoy surround speaker sound wirelessly.
- S-AIR receiver: You can enjoy system sound in another room.

These S-AIR products can be purchased as an option (the S-AIR product lineup differs depending on the area).

Notes or instructions for the surround amplifier or S-AIR receiver in this operating instructions refer only to when the surround amplifier or S-AIR receiver is used.
For details on the S-AIR function, see “Using an S-AIR Product” (page 83).

Playable Discs

Type	Disc logo	Characteristics	Icon
DVD VIDEO		• DVD VIDEO • DVD-R/DVD-RW in DVD VIDEO format or video mode • DVD+R/DVD+RW in DVD VIDEO format	DVD-V
VR (Video Recording) mode		• DVD-R/DVD-RW in VR (Video Recording) mode (except for DVD-R DL)	DVD-VR
Super Audio CD		• Super Audio CD	SuperAudioCD
VIDEO CD		• VIDEO CD (Ver. 1.1 and 2.0 discs) • Super VCD • CD-R/CD-RW/CD-ROM in video CD format or Super VCD format	VIDEO CD
CD		• Audio CD • CD-R/CD-RW in audio CD format	CD
DATA CD	–	• CD-R/CD-RW/CD-ROM in DATA CD format, containing MP3 files[1)], JPEG image files[2)], and DivX video files[3)4)], and conforming to ISO 9660[5)] Level 1/ Level 2, or Joliet (extended format)	DATA-CD
DATA DVD	–	• DVD-ROM/DVD-R/DVD-RW/ DVD+R/DVD+RW in DATA DVD format, containing MP3 files[1)], JPEG image files[2)], and DivX video files[3)4)], and conforming to UDF (Universal Disk Format)	DATA DVD

[1)]MP3 (MPEG1 Audio Layer 3) is a standard format defined by ISO/MPEG which compresses audio data. MP3 files must be in MPEG1 Audio Layer 3 format.

[2)]JPEG image files must conform to the DCF image file format. (DCF “Design rule for Camera File system”: Image standards for digital cameras regulated by Japan Electronics and Information Technology Industries Association (JEITA).)

[3)] DivX® is a video file compression technology, developed by DivX, Inc.

[4)] DivX, DivX Certified, and associated logos are trademarks of DivX, Inc. and are used under license.

[5)]A logical format of files and folders on CD-ROMs, defined by ISO (International Organization for Standardization).

“DVD-RW,” “DVD+RW,” “DVD+R,”“DVD VIDEO,” and the “CD” logos are trademarks.

Example of discs that the system cannot play

The system cannot play the following discs:

- CD-ROM/CD-R/CD-RW other than those recorded in the formats listed on page 4
- CD-ROM recorded in PHOTO CD format
- Data part of CD-Extra
- CD Graphics disc
- DVD Audio
- DATA DVD that does not contain MP3 files, JPEG image files, or DivX video files
- DVD-RAM

Also, the system cannot play the following discs:

- A DVD VIDEO with a different region code (page 6)
- A disc that has a non-standard shape (e.g., card, heart)
- A disc with paper or stickers on it
- A disc that has the adhesive of cellophane tape or a sticker still left on it

Note about CD-R/CD-RW/DVD-R/DVD-RW/DVD+R/DVD+RW

In some cases, CD-R/CD-RW/DVD-R/DVD-RW/DVD+R/DVD+RW cannot be played on this system due to the recording quality or physical condition of the disc, or the characteristics of the recording device and authoring software.
The disc will not play if it has not been correctly finalized. For more information, refer to the operating instructions for the recording device.
Note that some playback functions may not work with some DVD+RWs/DVD+Rs, even if they have been correctly finalized. In this case, view the disc by normal playback. Also some DATA CDs/DATA DVDs created in Packet Write format cannot be played.

Music discs encoded with copyright protection technologies

This product is designed to play back discs that conform to the Compact Disc (CD) standard. Recently, various music discs encoded with copyright protection technologies are marketed by some record companies. Please be aware that among those discs, there are some that do not conform to the CD standard and may not be playable by this product.

Note on DualDiscs

A DualDisc is a two sided disc product which mates DVD recorded material on one side with digital audio material on the other side. However, since the audio material side does not conform to the Compact Disc (CD) standard, playback on this product is not guaranteed.

About Multi Session CD

- This system can play a Multi Session CD when an MP3 file is contained in the first session. Any subsequent MP3 files recorded in later sessions can also be played back.
- This system can play a Multi Session CD when a JPEG image file is contained in the first session. Any subsequent JPEG image files recorded in later sessions can also be played back.
- If MP3 files and JPEG image files in music CD format or video CD format are recorded in the first session, only the first session will be played back.

Region code

Your system has a region code printed on the rear of the unit and will only play a DVD labeled with the same region code.

A DVD VIDEO labeled  will also play on this system.
If you try to play any other DVD VIDEO, the message [Playback prohibited by area limitations.] will appear on the TV screen. Depending on the DVD VIDEO, no region code indication may be given even though playing the DVD VIDEO is prohibited by area restrictions.

Note about playback operations of a DVD or VIDEO CD

Some playback operations on a DVD or VIDEO CD may be intentionally set by software producers. Since this system will play a DVD or VIDEO CD according to the disc contents the software producers designed, some playback features may not be available. Be sure to read the operating instructions supplied with the DVD or VIDEO CD.

Copyrights

This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

This system incorporates with Dolby* Digital and Dolby Pro Logic (II) adaptive matrix surround decoder and the DTS** Digital Surround System.

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"Dolby", "Pro Logic", and the double-D symbol are trademarks of Dolby Laboratories.

** Manufactured under license from DTS, Inc.
"DTS" and "DTS Digital Surround" are registered trademarks of DTS, Inc.

This system incorporates High-Definition Multimedia Interface (HDMI™) technology.
HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

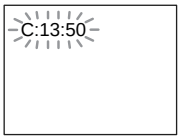
"BRAVIA" and BRAVIA are trademarks of Sony Corporation.

"S-AIR" and its logo are trademarks of Sony Corporation.

Self-diagnosis Function

(When letters/numbers appear in the display)

When the self-diagnosis function is activated to prevent the system from malfunctioning, a 5-character service number (e.g., C 13 50) with a combination of a letter and 4 digits appears on the TV screen or front panel display. In this case, check the following table.



First 3 characters of the service number	Cause and/or corrective action
C 13	The disc is dirty. ➡Clean the disc with a soft cloth (page 103).
C 31	The disc is not inserted correctly. ➡Restart the system, then re-insert the disc correctly.
E XX (XX is a number)	To prevent a malfunction, the system has performed the self-diagnosis function. ➡Contact your nearest Sony dealer or local authorized Sony service facility and give the 5-character service number. Example: E 61 10

When displaying the version number on the TV screen

When you turn on the system, the version number [VER.X.XX] (X is a number) may appear on the TV screen. Although this is not a malfunction and for Sony service use only, normal system operation will not be possible. Turn off the system, and then turn on the system again to operate.

TABLE OF CONTENTS

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.

LASER DIODE AND FOCUS SEARCH

1. Open the case and turn POWER on with no disc inserted.
2. Confirm that the following operation is performed while observing the objecting lens from the clearance of DVD mechanism deck.
   1) Confirm that laser beam is spread.
   2) Up and down motion of the objective lens. (2 times)

DISC TRAY LOCK

The disc tray lock function for the antitheft of an demonstration disc in the store is equipped.

Setting Procedure :

1. Press the [I/⏻] button to turn the set on.
2. Press the [FUNCTION] button to set DVD function.
3. Insert a disc.
4. Press the [■] button and the [⏏] button simultaneously for five seconds.
5. The message “LOCKED” is displayed and the tray is locked.

Releasing Procedure :

1. Press the [■] button and the [⏏] button simultaneously for five seconds again.
2. The message “UNLOCKED” is displayed and the tray is unlocked.

Note: When “LOCKED” is displayed, the tray lock is not released by turning power on/off with the [I/⏻] button.

On cleaning discs, disc/lens cleaners

- Do not use cleaning discs or disc/lens cleaners (including wet or spray types). These may cause the apparatus to malfunction.

IMPORTANT NOTICE

Caution: This system is capable of holding a still video image or on-screen display image on your television screen indefinitely. If you leave the still video image or on-screen display image displayed on your TV for an extended period of time you risk permanent damage to your television screen.
Projection televisions are especially susceptible to this.

Attention when transported

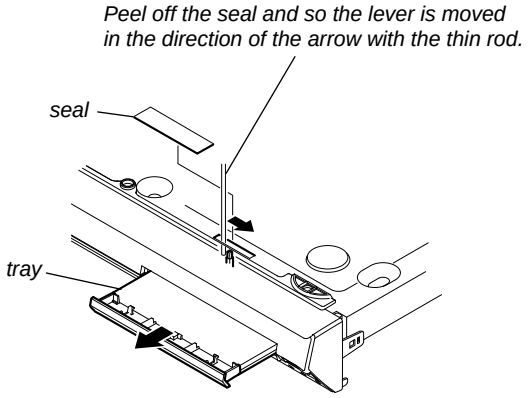
Use this mode when returning the set to the customer after repair.

Procedure:

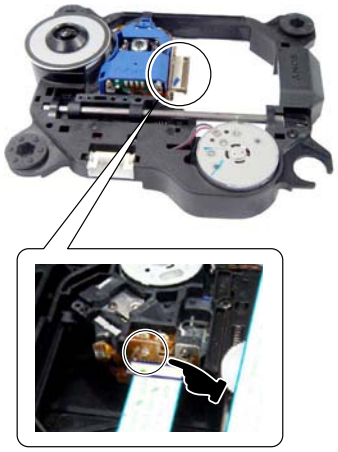
1. Press the [I/⏻] button to turn the set on.
2. Press the [FUNCTION] button to set the function “DVD”.
3. Remove all discs, and then press two buttons [▷] and [I/⏻] simultaneously.
4. After a message “MECHA LOCK” is displayed on the fluorescent indicator tube, pull out the AC plug.
5. To exit from this mode, press the [I/⏻] button to turn the set on.

How to open the disc table when power switch turns off

Insert a tapering driver into the aperture of the unit bottom, and slide it in the direction of the arrow.



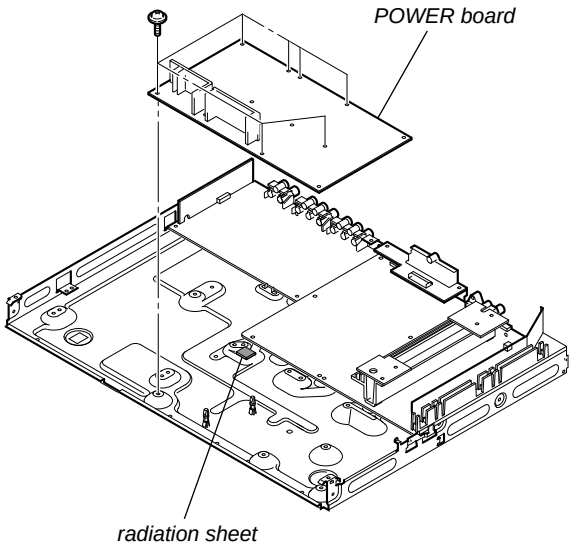
Precaution when installing a new OP unit/ Precaution before unsoldering the static electricity prevention solder bridge



When installing a new OP unit, be sure to connect the flexible printed circuit board first of all before removing the static electricity prevention solder bridge by unsoldering.
Remove the static electricity prevention solder bridge by unsoldering after the flexible printed circuit board has already been connected.
(Do not remove nor unsolder the solder bridge as long as the OP unit is kept standalone.)

Radiation Sheet

When peeling off the heat radiation sheet, try always to put it on be former position.

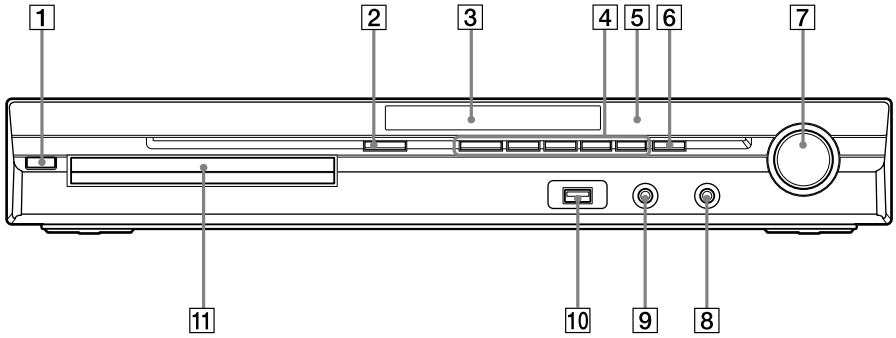


This section is extracted from instruction manual.

Index to Parts and Control **(DZ265K/DZ266K/DZ270K/DZ570K)**

For more information, refer to the pages indicated in parentheses.

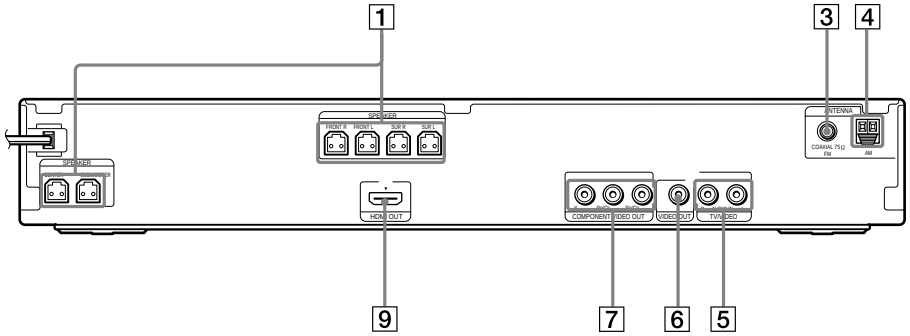
Front panel



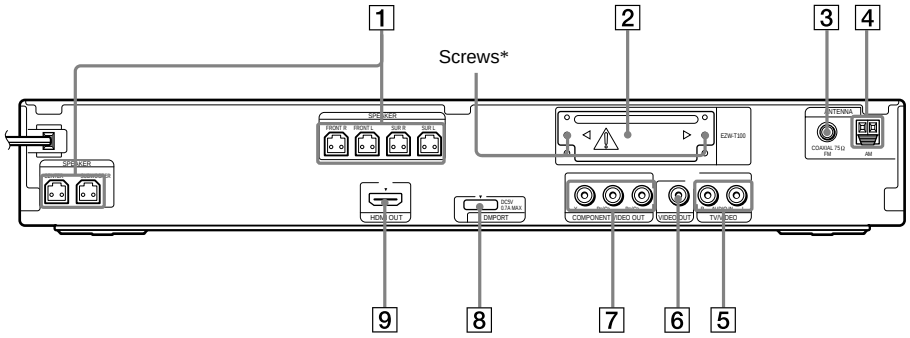
1 **I/⏻ (on/standby) (33, 100)**
2 **⏏ (open/close) (41)**
3 **Front panel display (121)**
4 **Play operation buttons (41)**
5 **(remote sensor) (10)**
6 **FUNCTION (36)**
7 **VOLUME control (41)**
8 **MIC2 jack (92)**
9 **AUDIO IN/MIC1/A.CAL MIC jack (27, 33, 90)**
10 **(USB) port (74)**
11 **Disc tray (41)**

Rear panel

HCD-DZ265K/DZ266K/DZ270K



HCD-DZ570K



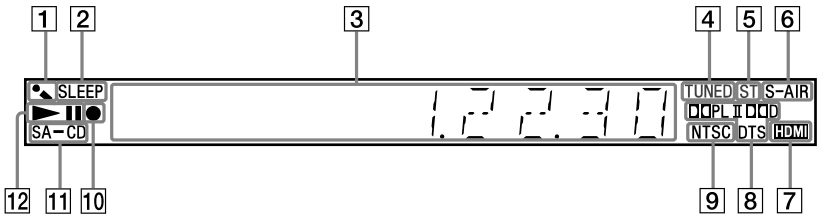
1 **SPEAKER jacks (22)**
2 **EZW-T100 slot (DZ570K only) (27)**
3 **COAXIAL 75Ω FM jack (30)**
4 **AM terminal (30)**
5 **TV/VIDEO (AUDIO IN R/L) jacks (24, 27)**
6 **VIDEO OUT jack (24)**
7 **COMPONENT VIDEO OUT jacks (24)**
8 **DMPORT (DIGITAL MEDIA PORT) jack (DZ570K only) (27, 82)**
9 **HDMI OUT jack (24)**

* ⚠ CAUTION

Please do not remove the screws before installing the EZW-T100 (DZ570K only).

Front panel display

About the indications in the front panel display



1 **Lights up when the karaoke mode is on. (92)**

2 **Flashes when the sleep timer is set. (96)**

3 **Displays system's status such as chapter, title, or track number, time information, radio frequency, playing status, decoding mode, etc.**

4 **Lights up when a station is received. (Radio only) (67)**

5 **Stereo/Monaural effect (Radio only) (68)**

6 **Lights up when the S-AIR transmitter (not supplied) is inserted in the unit and the system transmits the sound. (DZ570K only) (83)**

7 **Lights up when the HDMI OUT jack is correctly connected to HDCP (High-bandwidth Digital Content Protection) compliant device with HDMI or DVI (Digital Visual Interface) input. (24)**

8 **Current surround format (Except for JPEG image file)**

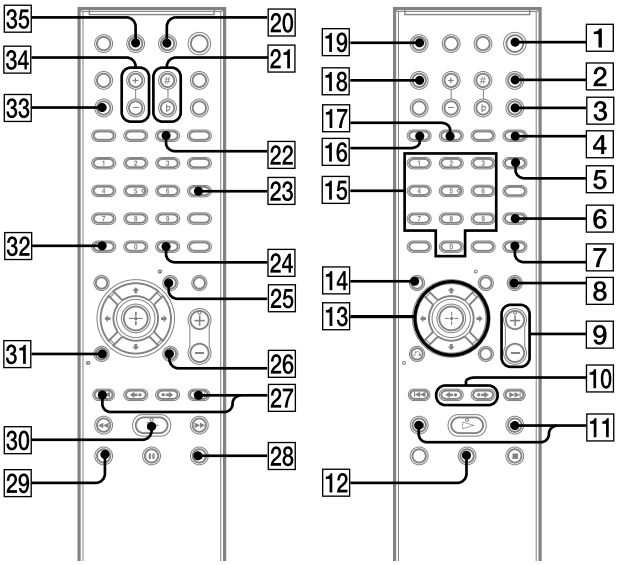
9 **Lights up when the color system is set to NTSC. (Asian, Australian, and Middle Eastern models only)**
Lights up when an NTSC disc is loaded. (Russian models only)

10 **Lights up during USB recording/copying. (80)**

11 **Lights up when Super Audio CD/CD is loaded. (44)**

12 **Playing status**

Remote control



[1] The ENTER button has the same function as the ⊕ button. When you operate the TV, the ENTER button is used for selecting a channel, and the ⊕ button is used for selecting menu items (page 91).

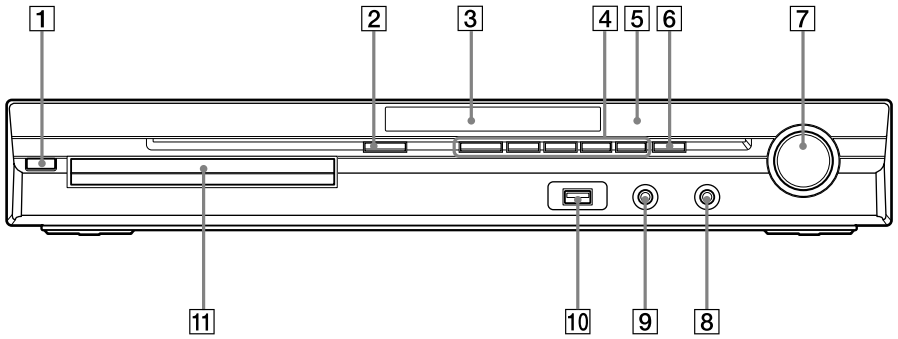
[2] This button is available for the "DVD," "USB," or "DMPORT*" function. Depending on the DIGITAL MEDIA PORT adapter, this button may not work.

* HCD-DZ570K only

Index to Parts and Control **(DZ777K)**

For more information, refer to the pages indicated in parentheses.

Front panel



1 **I/⏻ (on/standby) (34, 101)**
2 **⏏ (open/close) (42)**
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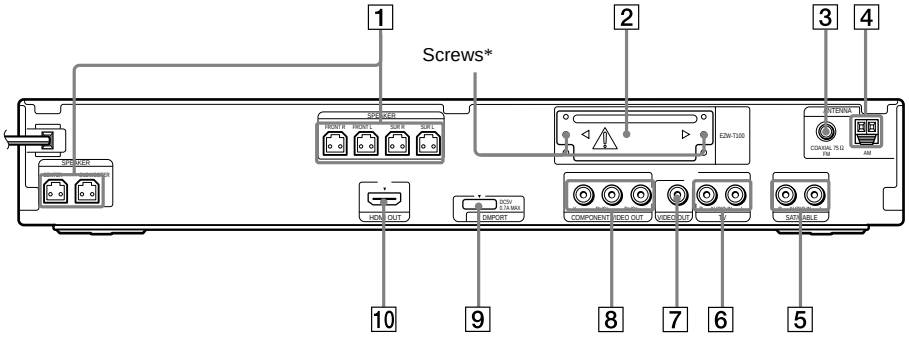
Rear panel



1 **SPEAKER jacks (27)**
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3 **COAXIAL 75Ω FM jack (32)**
4 **AM terminal (32)**
5 **SAT/CABLE (AUDIO IN R/L) jacks (30)**
6 **TV (AUDIO IN R/L) jacks (28)**
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* ⚠ CAUTION

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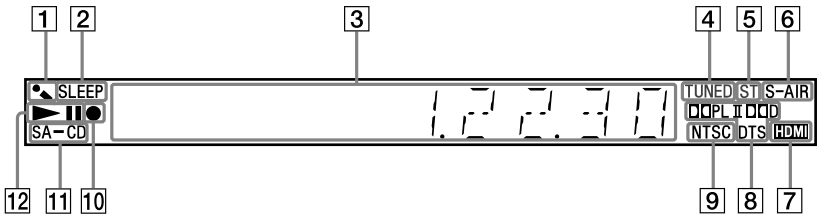
Front panel display

About the indications in the front panel display



1 **Lights up when the karaoke mode is on. (93)**

2 **Flashes when the sleep timer is set. (97)**

3 **Displays system's status such as chapter, title, or track number, time information, radio frequency, playing status, decoding mode, etc.**

4 **Lights up when a station is received. (Radio only) (67)**

5 **Stereo/Monaural effect (Radio only) (68)**

6 **Lights up when the S-AIR transmitter (not supplied) is inserted in the unit and the system transmits the sound. (83)**

7 **Lights up when the HDMI OUT jack is correctly connected to HDCP (High-bandwidth Digital Content Protection) compliant device with HDMI or DVI (Digital Visual Interface) input. (28)**

8 **Current surround format (Except for JPEG image file)**

9 **Lights up when the color system is set to NTSC. (Asian, Australian, and Middle Eastern models only)**
Lights up when an NTSC disc is loaded. (Russian models only)

10 **Lights up during USB recording/copying. (80)**

11 **Lights up when Super Audio CD/CD is loaded. (45)**

12 **Playing status**

Remote control

ALPHABETICAL ORDER

A – M

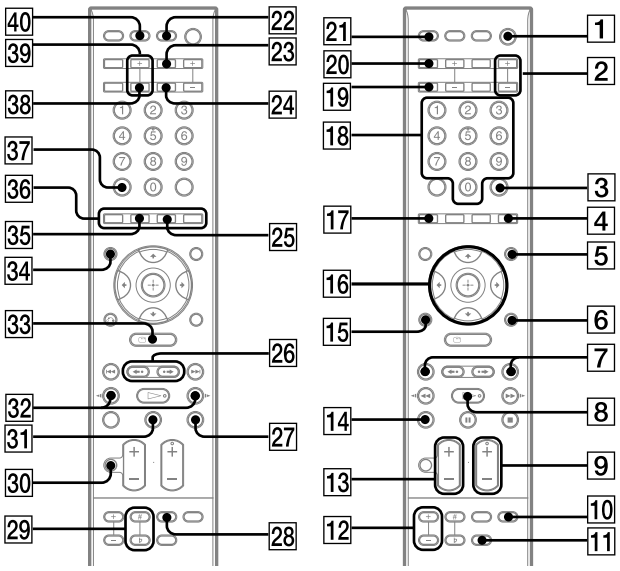
ANALOG 38 (91)
ANGLE 4 (43)
AUDIO 35 (44)
CLEAR 37 (47, 59, 68)
D.TUNING 25 (68)
DIGITAL 24 (91)
DISPLAY 19 (69, 79, 98)
DVD MENU 5 (50)
DVD TOP MENU 34 (50)
DYNAMIC BASS 24 (97)
ECHO 11 (93)
ENTER* 3 (33, 34, 45, 47, 67, 89)
FUNCTION +/– 2 (37, 42)
KARAOKE PON 10 (95)
KEYCON #/♭ 29 (94)
MENU 33 (91)
MIC VOL +/– 12 (93)
MUTING 30 (42)

N – Z

NIGHT 23 (97)
ONE-TOUCH PLAY 40 (72)
PICTURE NAVI 17 (52, 76)
PRESET +/– 7 (68)
PROG +/– 9 (91)
SCORE 28 (96)
SLEEP 20 (97)
SOUND MODE +/– 39 (41)
SUBTITLE 25 (43)
SYSTEM MENU 6 (33, 38, 97, 98, 83)
THEATRE 21 (71)
TOOLS 6 (91)
TUNING +/– 32 (67)
TV 14 (91)
TV VOL +/– 13 (91)
VOLUME +/– 13 (42)

BUTTON DESCRIPTIONS

Number buttons 18 (46, 67, 91)
Colored buttons 36 (91)
I/⏻ (on/standby) 1 (33, 34, 42)
TV I/⏻ (on/standby) 22 (91)
←/↑/↓/→/⊕ 16 (33, 34, 45, 47, 67, 89)
←●/●→ REPLAY/ADVANCE 26 (42)
I◀◀/▶▶I 7 (42)
◀◀/▶▶ 32 (42)
◀▮/▮▶ 32 (42)
▷ (play) 8 (42)
■ (stop) 27 (42)
▮▮ (pause) 31 (42)
DISPLAY** 33 (34, 45, 47, 89)
RETURN 15 (46, 91)
-/-- 3 (91)
i+/? 19 (91)
37 (91)
34 (91)
⏻/⊕ 5 (91)
▲/▼ 9 (91)

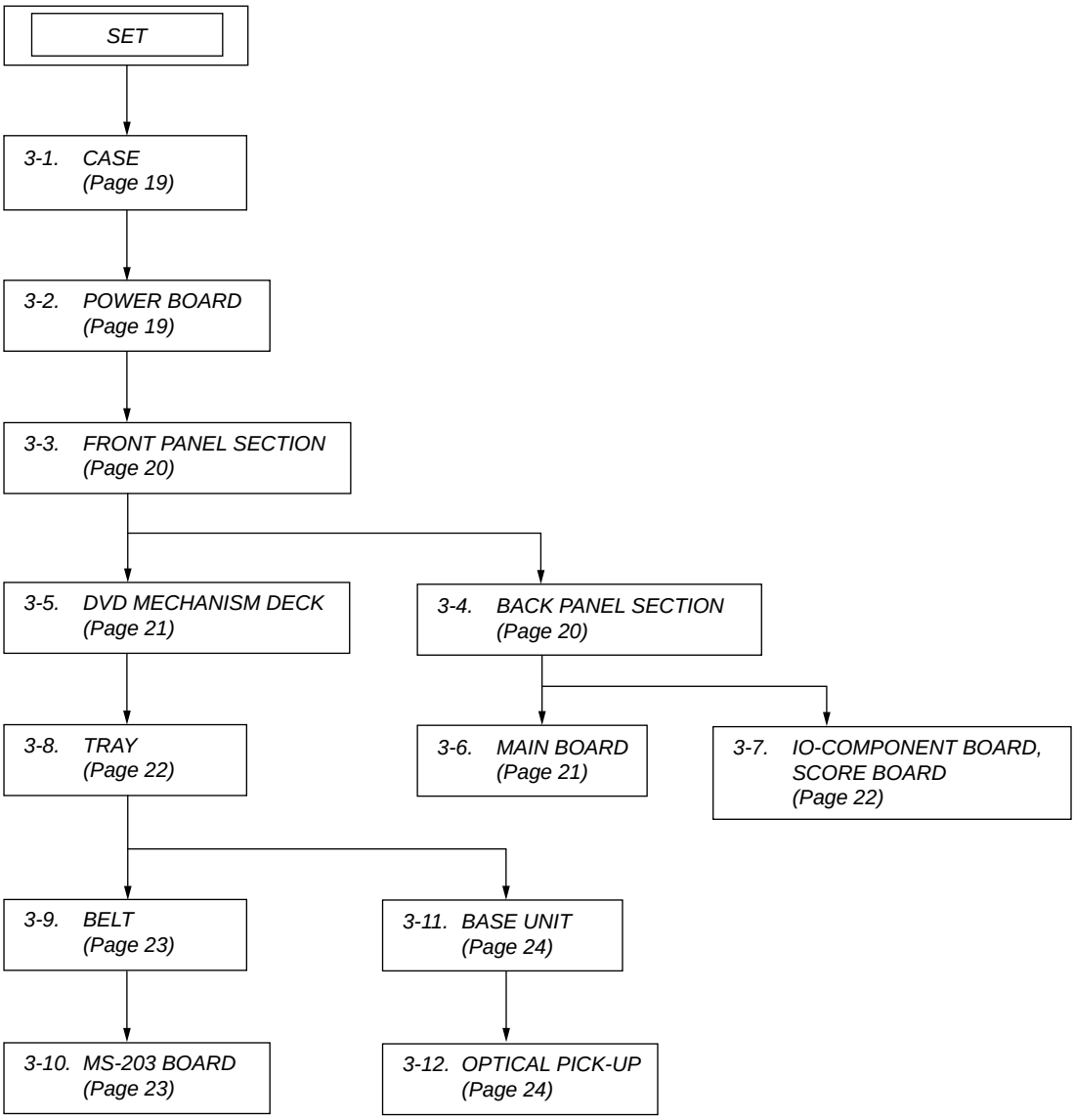


* The ENTER button has the same function as the ⊕ button. When you operate the TV, the ENTER button is used for selecting a channel, and the ⊕ button is used for selecting menu items (page 91).

** This button is available for the "DVD," "USB," or "DMPORT" function. Depending on the DIGITAL MEDIA PORT adapter, this button may not work.

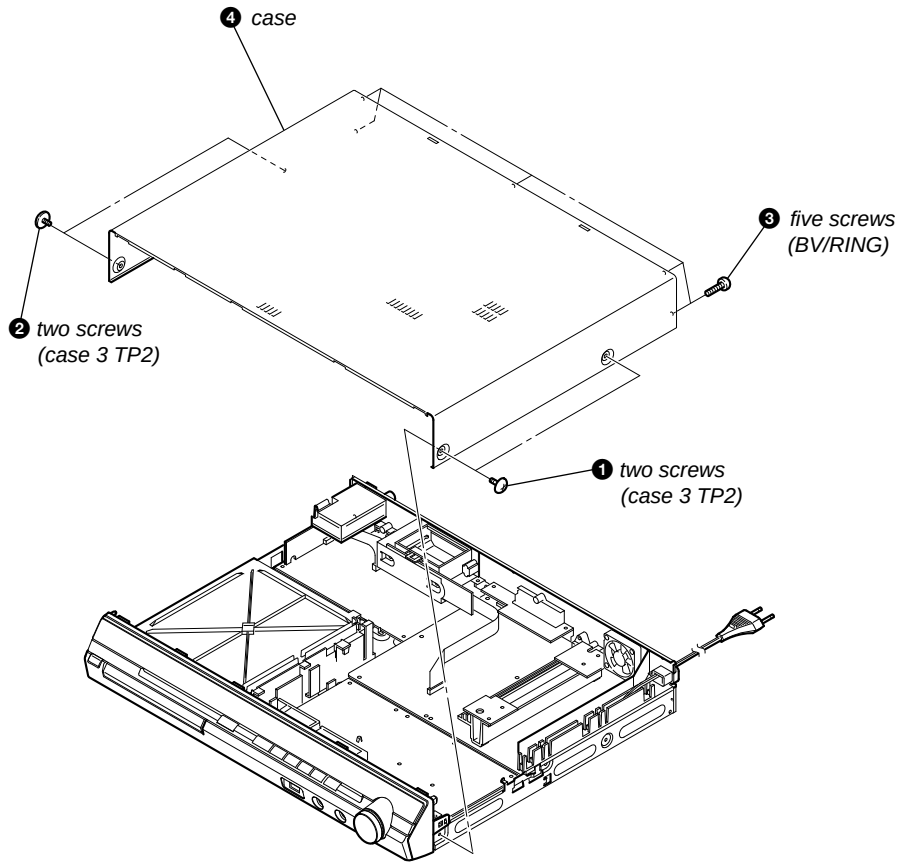
SECTION 3
DISASSEMBLY

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

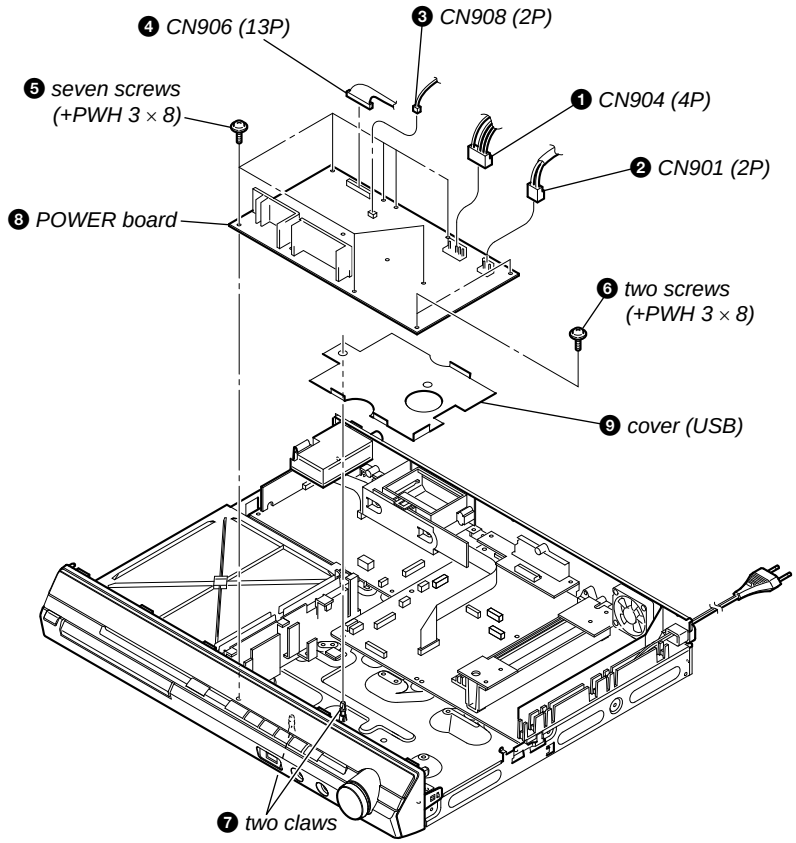


Note: Follow the disassembly procedure in the numerical order given.

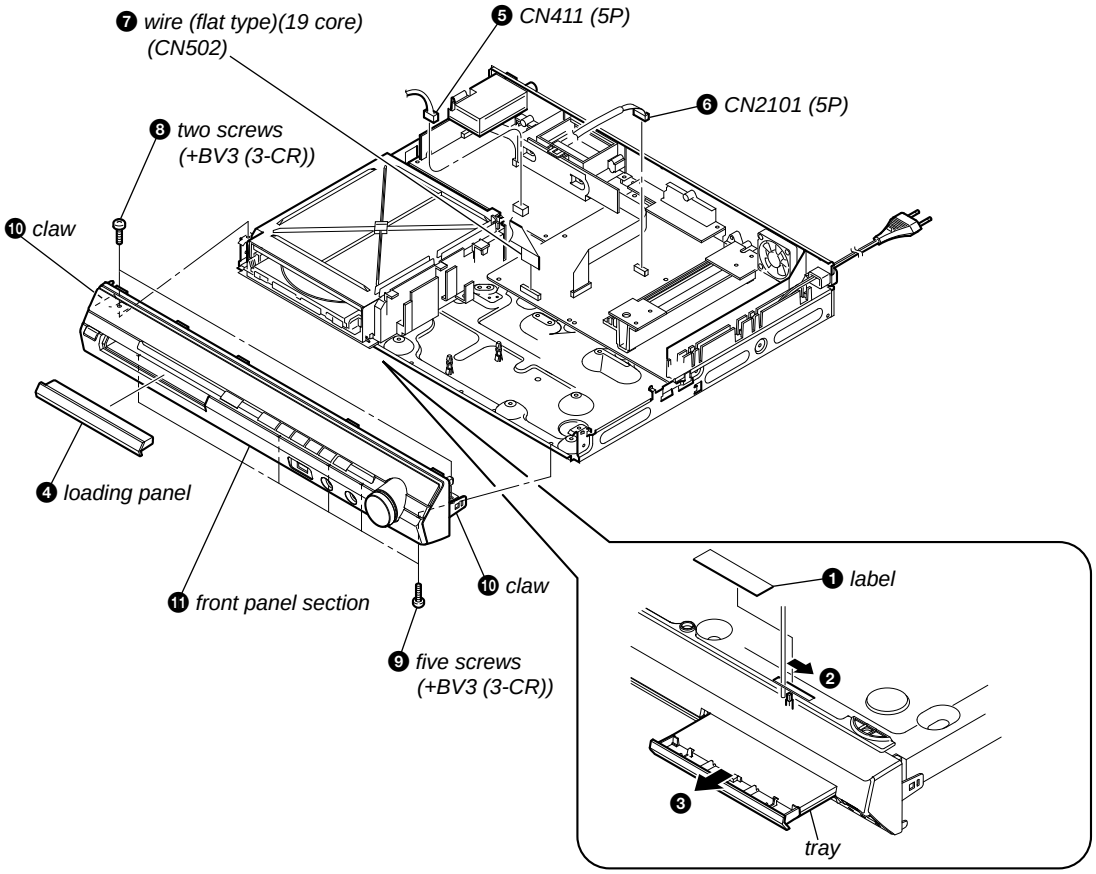
3-1. CASE



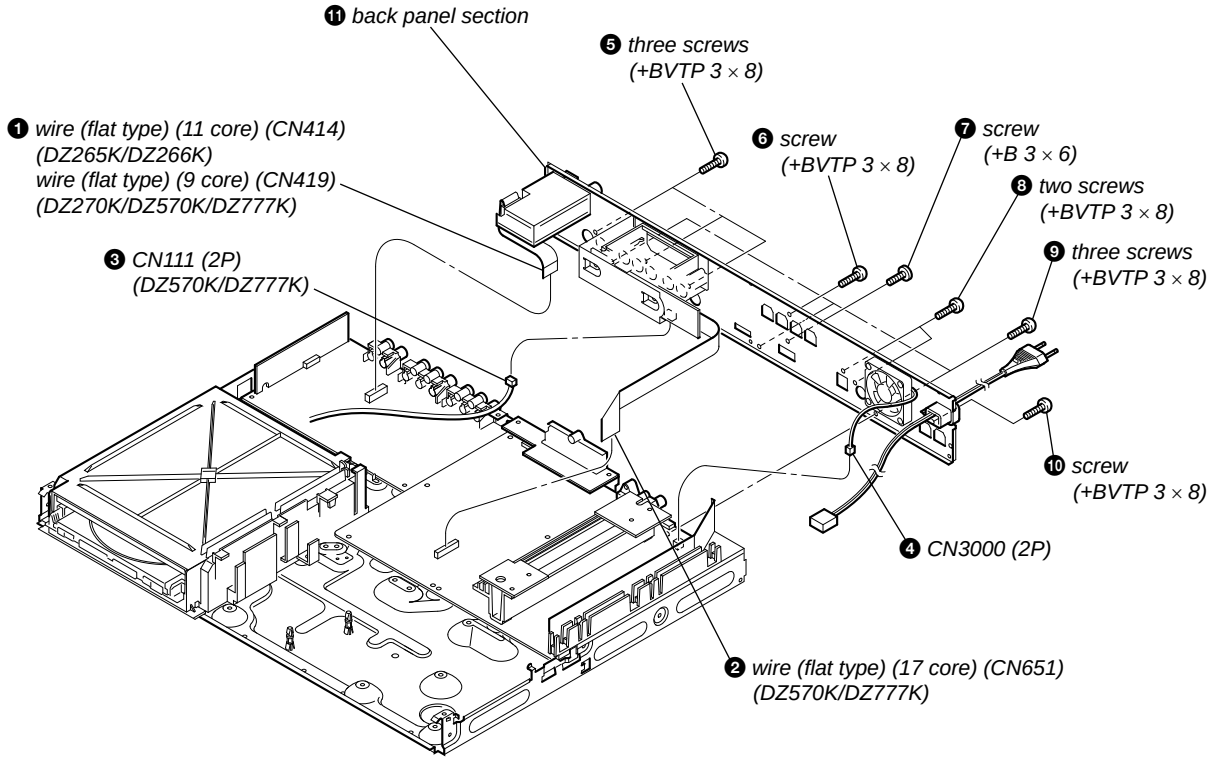
3-2. POWER BOARD



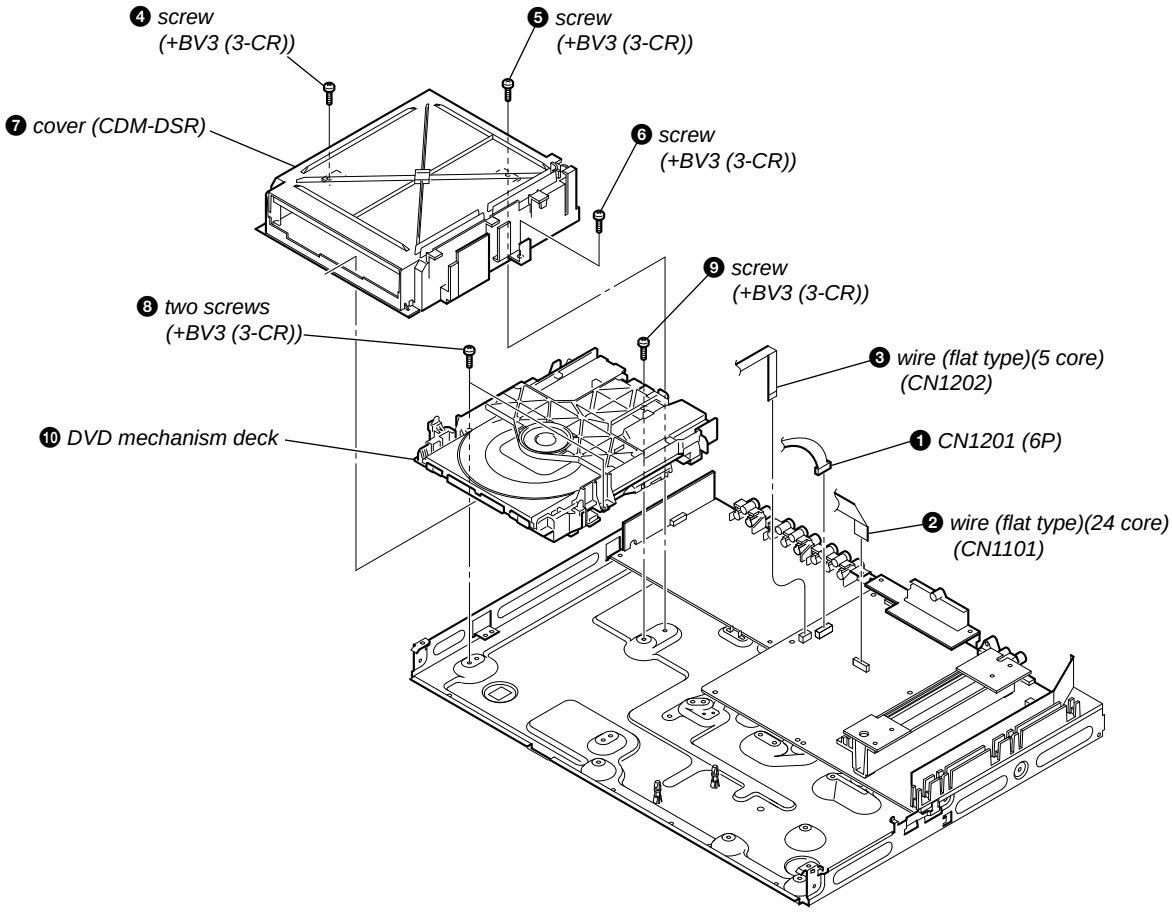
3-3. FRONT PANEL SECTION



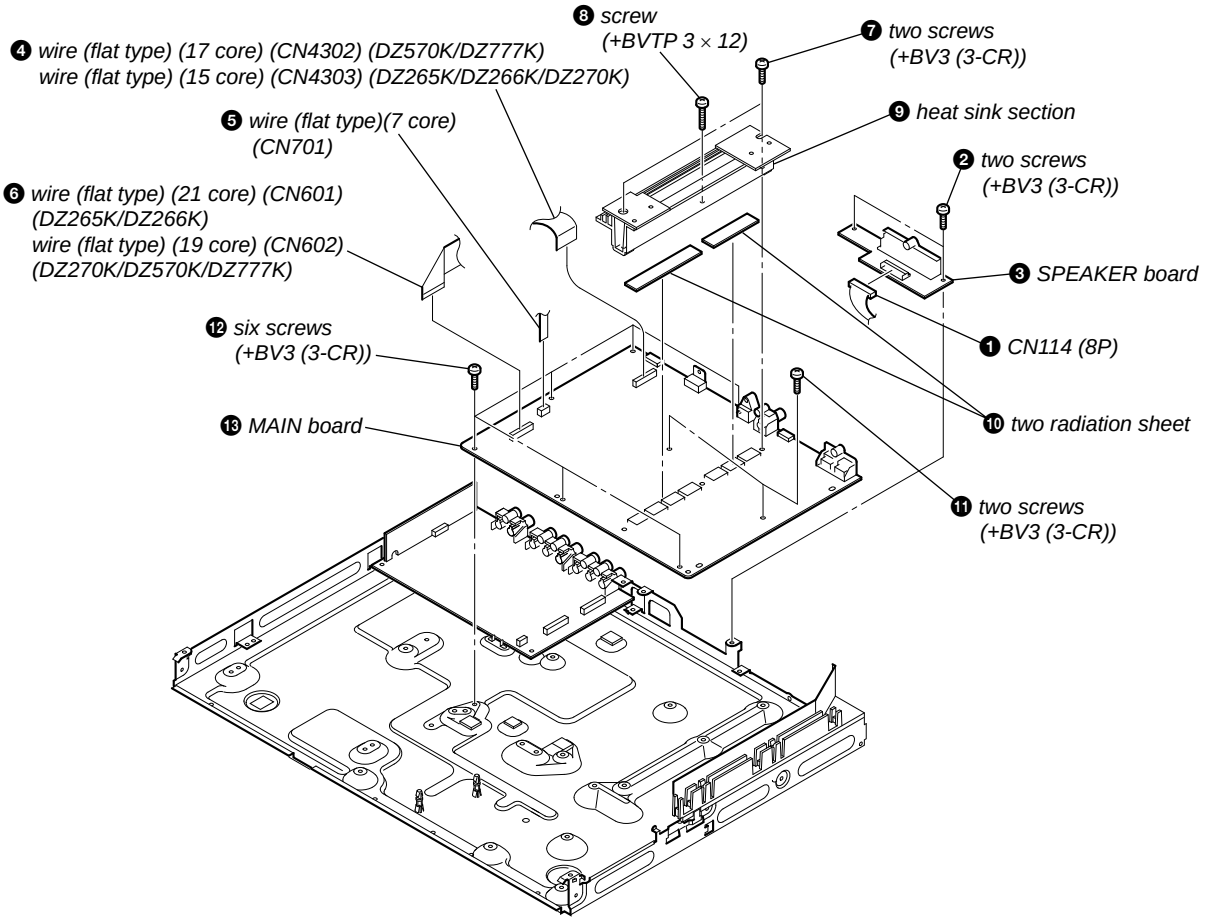
3-4. BACK PANEL SECTION



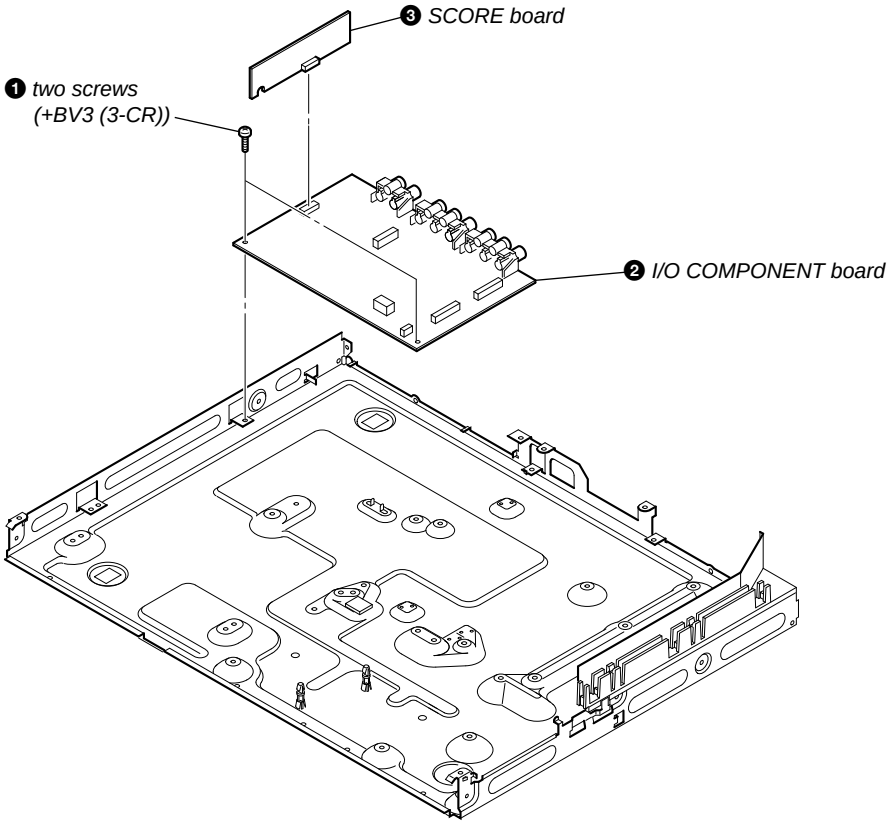
3-5. DVD MECHANISM DECK



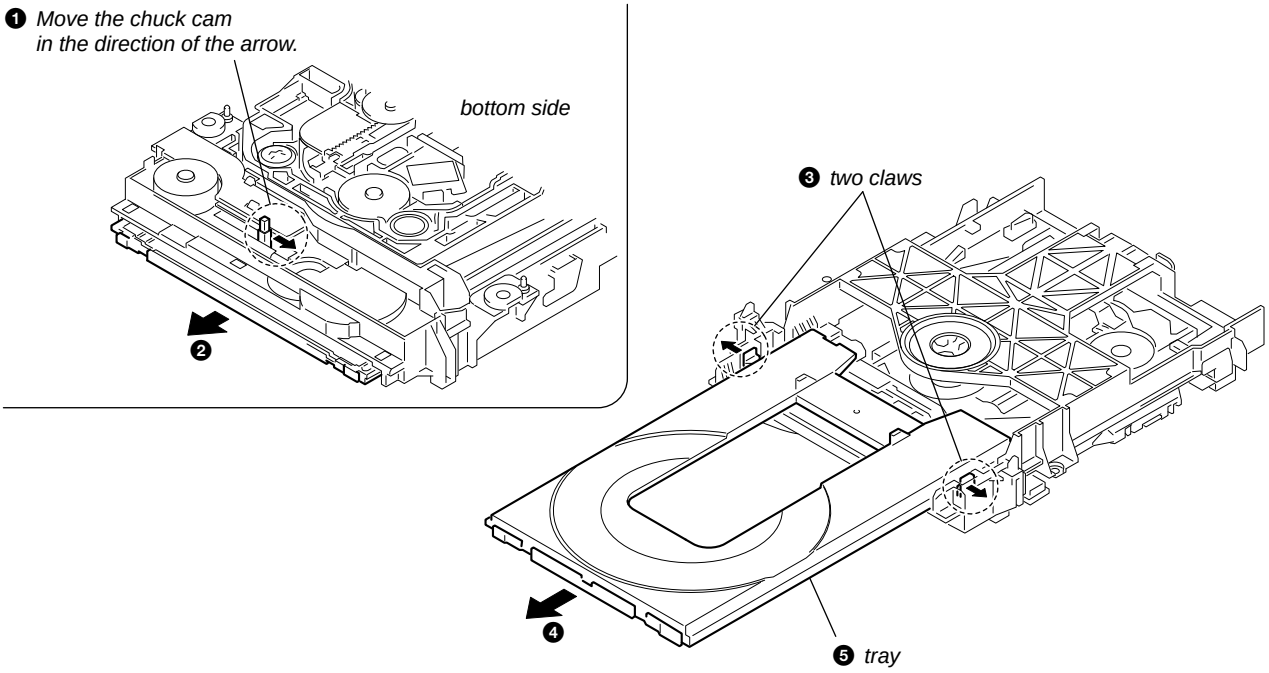
3-6. MAIN BOARD



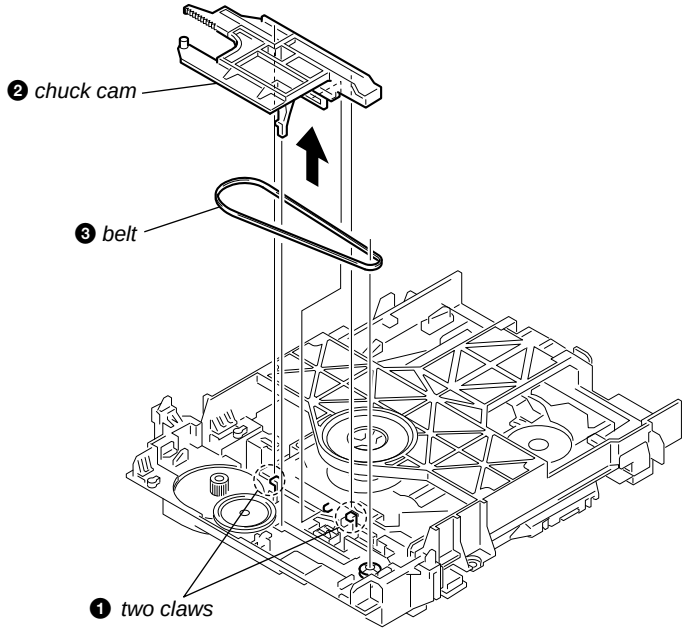
3-7. IO-COMPONENT BOARD, SCORE BOARD



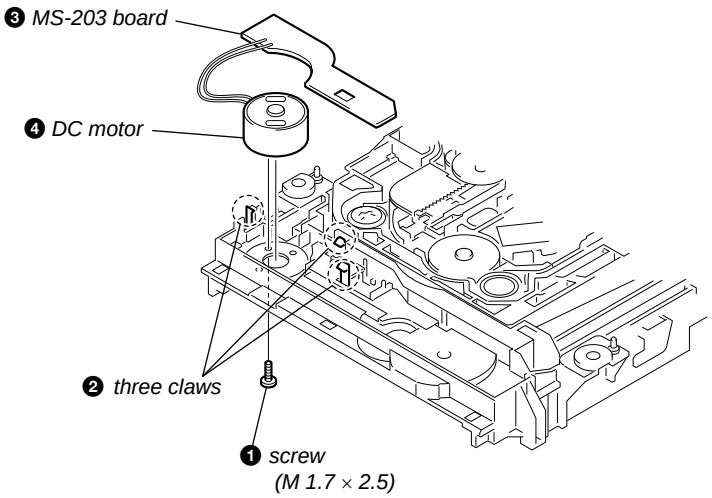
3-8. TRAY



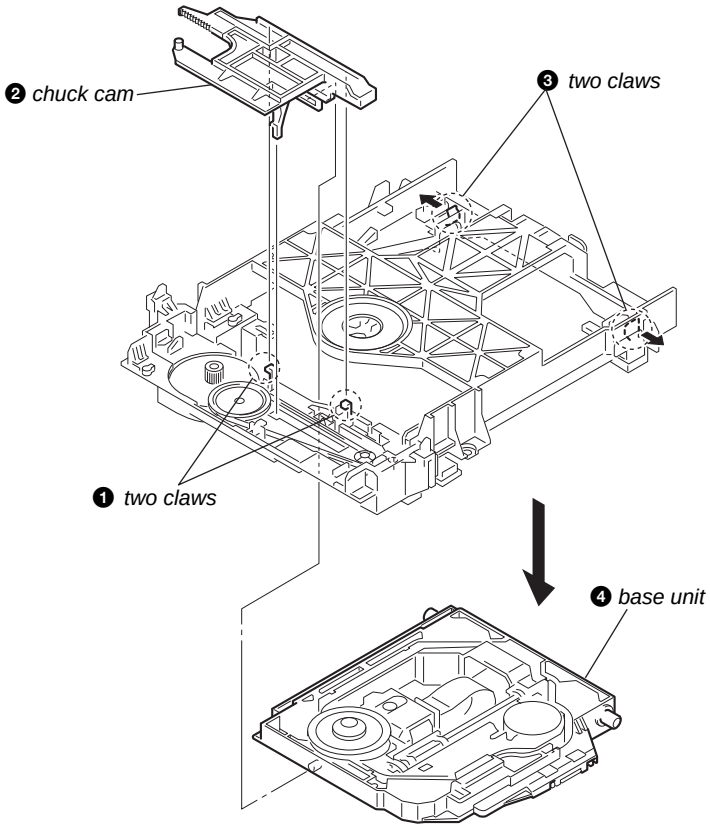
3-9. BELT



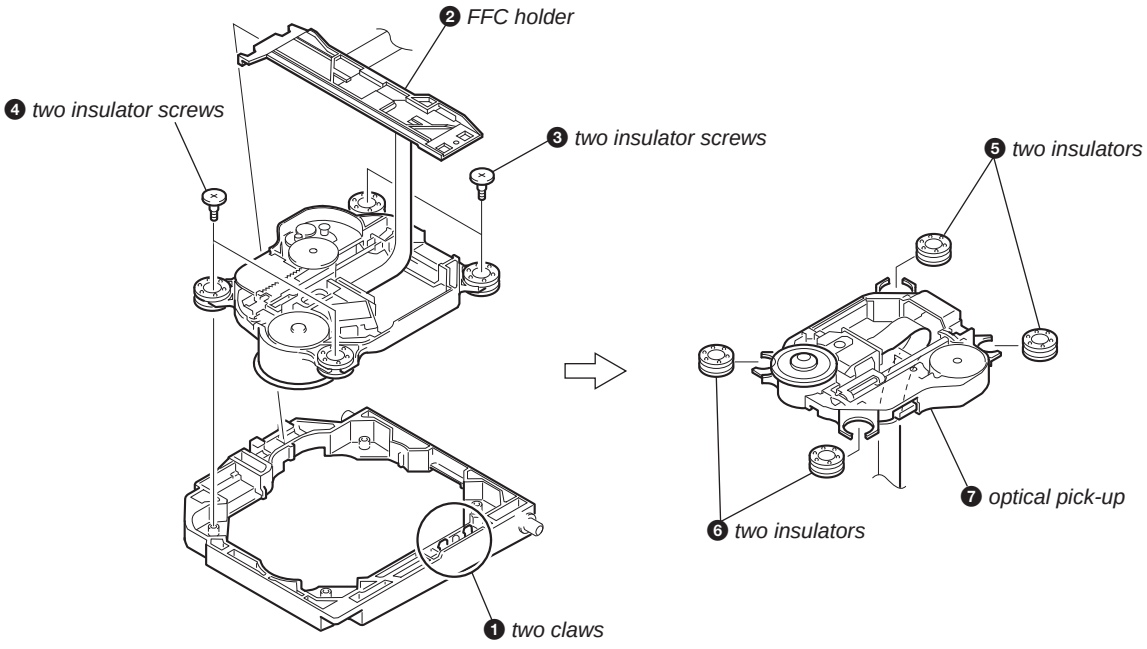
3-10. MS-203 BOARD



3-11. BASE UNIT



3-12. OPTICAL PICK-UP



SECTION 4
TEST MODE

Note: Incorrect operations may be performed if the test mode is not entered properly.
In this case, press the [I/⏻] button to turn the power off, and retry to enter the test mode.

1. Cold Reset

- The cold reset clears all data including preset data stored in the RAM to initial conditions. Execute this mode when returning the set to the customers.

Procedure:

1. Press the [I/⏻] button to turn the power on.
2. Press three buttons [■], [⏏] and [I/⏻] simultaneously.
3. When this button is operated, display as “COLD RESET” for a while and all of the settings are reset.

2. Panel Test Mode

- This mode is used to check the software version, FL and KEY.

2-1. Display Test Mode

Procedure:

1. Press the [I/⏻] button to turn the power on.
2. Press three buttons [▮▮], [⏮] and [⏏] simultaneously.
3. When the display test mode is activated, all segments are turned on.
4. To exit from this mode, press three buttons [▮▮], [⏮] and [⏏] simultaneously.

2-2. Version Test Mode

Procedure:

1. When the display test mode is activated, press the [⏮] button and the message “DSR2K–” (DZ265K), “DSR2K+” (DZ266K), “DSR2K” (DZ270K), “DSR4K” (DZ570K), “DSR7K” (DZ777K) are displayed, the version test mode is activated.
2. Whenever the [⏮] button is pressed, the display changes in the following order.

   → “DSR7K” (Model name) → “ASIA2*1” (Destination) →
   → MC Version → SYS Version → UI Version →
   → DVD Version → ST Version → TA Version →
   → DSP Version → TM Version → MM Version →
   → CLA Version → CEC Version → SAIR Version ┐

   *1: ASIA2 changes depending on destination.
3. Press the [⏭] button and the date of the software production is displayed.
4. Press the [⏭] button again and the version is displayed.
5. To exit from this mode, press three buttons [▮▮], [⏮] and [⏏] simultaneously.

2-3. Key Test Mode

Procedure:

1. When the display test mode is activated, press the [▷] button, to select the key test mode.
2. To enter the KEY test mode, the fluorescent indicator displays “K0 V0”. Each time an another button is pressed, “KEY” value increases. However, once a button is pressed, it is no longer taken into account. When all keys are pressed correctly, “K8 V0” is displayed.
3. When the [VOLUME] control is turned in the direction of (+), “V0” is changed to “V1”, then ... “V9”.
   When the [VOLUME] control is turned in the direction of (–), “V0” is changed to “V9”, then ... “V1”.
4. To exit from this mode, press three buttons [▮▮], [⏮] and [⏏] simultaneously.

3. Disc Tray Lock

The disc tray lock function for the antitheft of an demonstration disc in the store is equipped.

Setting Procedure :

1. Press the [I/⏻] button to turn the set on.
2. Press the [FUNCTION] button to set DVD function.
3. Insert a disc.
4. Press the [■] button and the [⏏] button simultaneously for five seconds.
5. The message “LOCKED” is displayed and the tray is locked.

Releasing Procedure :

1. Press the [■] button and the [⏏] button simultaneously for five seconds again.
2. The message “UNLOCKED” is displayed and the tray is unlocked.

Note: When “LOCKED” is displayed, the tray lock is not released by turning power on/off with the [I/⏻] button.

4. DVD Ship Mode

Use this mode when returning the set to the customer after repair.

Procedure:

1. Press the [I/⏻] button to turn the set on.
2. Press the [FUNCTION] button to set the function “DVD”.
3. Remove all Discs, and then press two buttons [▷] and [I/⏻] simultaneously.
4. After a message “MECHA LOCK” ⇔ “PULL PLUG” is displayed on the fluorescent indicator tube, pull out the AC plug.
5. To exit from this mode, press the [I/⏻] button to turn the set on.

5. AM Step Change (Except RU models)

- A step of AM channels can be changed over between 9 kHz and 10 kHz.

Procedure:

1. Press the [I/⏻] button to turn the set ON.
2. Select the function “TUNER”, and press [FUNCTION] button to select the BAND “AM”.
3. Press the [I/⏻] button to turn the set OFF.
4. Press two buttons [⏭] and [I/⏻] simultaneously, and the display of fluorescent indicator tube changes to “AM 9k STEP” or “AM 10k STEP”, and thus the channel step is changed over.

6. Product Out

This mode moves the optical pick-up to the position durable to vibration and clears all data including preset data stored in the RAM to initial conditions. Use this mode when returning the set to the customer after repair.

Procedure:

1. Press the [I/⏻] button to turn the power on.
2. Press the [FUNCTION] button to set the function “DVD”.
3. Remove all discs, and then press three buttons [⏭], [⏏] and [I/⏻] simultaneously.
4. After the “STANDBY” blinking display finishes, the message “MECHA LOCK” ⇔ “PULL PLUG” is displayed on the fluorescent indicator tube disconnect the AC power plug, then the ship mode is set.

DVD SECTION

7-1. GENERAL DESCRIPTION

The IOP measurement allows you to make diagnosis and adjustment simply by using the remote commander and monitor TV. The instructions, diagnosis results, etc. are given on the on-screen display (OSD).
Be sure to execute the IOP measurement when a BU (Base Unit) is replaced.

7-2. HOW TO ENTER TEST MODE

While pressing the [■] and [⏏] buttons simultaneously, turn [VOLUME] control in the direction of (+) with the DVD player in power on.
The Test Mode starts, displayed "SERVICE IN" on this model display then the menu shown below will be displayed on the TV screen.

* The display of the "Model Name" of the "Remocon Diagnosis Menu" change with the model and the destination. Refer to below on the model name.
DZ265K : DSR2K–
DZ266K : DSR2K+
DZ270K : DSR2K
DZ570K : DSR4K
DZ777K : DSR7K

```
        Remocon Diagnosis Menu

0. External Chip Check
1. Servo Parameter Check
2. Drive Manual Operation
3. Emergency History
4. Version Information


                          *1
Model Name  : DSR7K_XX
IF-con      : Ver. XX.XX (XXXX)
Syscon      : Ver. X.XXX
```

*1: Changes depending on destination

The menu above is the Remocon Diagnosis Menu screen which consists of five main functions. At the bottom of the menu screen, the model name and IF-con version. To exit from the Test Mode, press the power button on the remote commander.

7-3. EXECUTING IOP MEASUREMENT

In order to execute IOP measurement, the following standard procedures must be followed.

(1) In power on, while pressing the [■] and [⏏] buttons simultaneously, turn the [VOLUME] control in the direction of (+).

```
        Remocon Diagnosis Menu

0. External Chip Check
1. Servo Parameter Check
2. Drive Manual Operation
3. Emergency History
4. Version Information


                          *1
Model Name  : DSR7K_XX
IF-con      : Ver. XX.XX (XXXX)
Syscon      : Ver. X.XXX
```

*1: Changes depending on destination

(2) Select "2. Drive Manual Operation" by pressing the [2] button on the remote commander. The screen will appear as shown.

```
        Drive Manual Operation

1. Servo Control
2. Track/Layer Jump
3. Manual Adjustment
4. Tray Aging Mode
5. MIRR time adjust
0. Return to Top Menu
```

(3) Select "3. Manual Adjustment" by pressing the [3] button on the remote commander. The screen will appear as shown.

```
          Manual Adjust

1. Track Balance Adjust:
2. Track Gain Adjust:
3. Focus Balance Adjust:
4. Focus Gain Adjust:
5. Eq Boost Adjust:
6. Iop:
7. TRV. Level:
8. S curve(FE) Level:
9. RFL(PI) Level:
0. MIRR Time:

↑↓ Change Value
[RETURN] Return to previous menu
```

(4) Select "6. IOP" by pressing the [6] button on the remote commander.

(5) Wait until a hexadecimal number appear.

```
          Manual Adjust

1. Track Balance Adjust:
2. Track Gain Adjust:
3. Focus Balance Adjust:
4. Focus Gain Adjust:
5. Eq Boost Adjust:
6. Iop.(4D:)
7. TRV. Level:
8. S curve(FE) Level:
9. RFL(PI) Level:
0. MIRR Time:

↑↓ Change Value
[RETURN] Return to previous menu
```

(6) Convert each data from hexadecimal to decimal using conversion table.

(7) Please find the label on the rear of the BU (Base Unit).
The default IOP value is written in the label.

(8) Subtract between these two values.

(9) If the remainder is smaller than 93 (decimal), then it is OK. However if the value is higher than 93, then the BU is defective and need to be change.

(10) Press the [RETURN] button on the remote commander to return back to previous menu.

(11) Press the [0] button on the remote commander to return to Top Menu.

7-4. EMERGENCY HISTORY

To check the emergency history, please follow the following procedure.

(1) From the Top Menu of Remocon Diagnosis Menu, select "3. Emergency History Check" by pressing the [3] button on the remote commander. The following screen appears on the on-screen display.

```
                Emg. History Check

Laser Hours        CD    999h        59min
                   DVD   999h        59min

01.  01  05  04  04      00  92  46  00
     00  00  00  00      00  00  23  45
02.  02  02  01  01      00  A9  4B  00
     00  00  00  00      00  00  23  45

[Next]   Next Page    [Prev]  Prev Page
[O]  Return to Top Menu
```

(2) You can check the total time when the laser is turned on during playback of DVD and CD from the above menu. The maximum time, which can be displayed are 999h 59min.

(3) You can check the error code of latest 10 emergency history from the above menu. To view the previous or next page of emergency history, press [I◄◄] or [►►I] button on the remote commander. The error code consists of the following three blocks. The first block indicates the error code. The second block indicates the parameter and the third block indicates the time of error code as shown below.

• Error Code

```
                Emg. History Check

Laser Hours        CD    999h        59min
                   DVD   999h        59min
     *1  *2
01.  01  05  04  04      00  92  46  00
     00  00  00  00      00  00  23  45 *3
02.  02  02  01  01      00  A9  4B  00
     00  00  00  00      00  00  23  45

[Next]   Next Page    [Prev]  Prev Page
[O]  Return to Top Menu
```

*1 : Error Code
*2 : Parameter of error code
*3 : Time of error code

The meaning of error code is as below:

01: Communication error (No reply from syscon)
02: Syscon hung up
03: Power OFF request when syscon hung up
19: Thermal shutdown
24: MoveSledHome error
25: Mechanical move error (5 Changer)
26: Mechanical move stack error
30: DC motor adjustment error
31: DPD offset adjustment error
32: TE balance adjustment error
33: TE sensor adjustment error
34: TE loop gain adjustment error
35: FE loop gain adjustment error
36: Bad jitter after adjustment
40: Focus NG
42: Focus layer jump NG
52: Open kick spindle error
51: Spindle stop error
60: Focus on error
61: Seek fail error
62: Read Q data/ID error
70: Lead in data read fail
71: TOC read time out (CD)
80: Can't buffering
81: Unknown media type

7-4-1. Clear the Laser Hour

Press [▭ DISPLAY] button and then press [CLEAR] button on the remote commander. The data for both CD and DVD data are reset.

```
                Emg. History Check

Laser Hours        CD    0h          0min
                   DVD   0h          0min

01.  01  05  04  04      00  92  46  00
     00  00  00  00      00  00  23  45
02.  02  02  01  01      00  A9  4B  00
     00  00  00  00      00  00  23  45

[Next]   Next Page    [Prev]  Prev Page
[O]  Return to Top Menu
```

7-4-2. Clear the Emergency History

Press [DVD TOP MENU] button and then press [CLEAR] button on the remote commander. The error code for all emergency history would be reset.

```
                Emg. History Check

Laser Hours        CD    999h        59min
                   DVD   999h        59min

01.  00  00  00  00      00  00  00  00
     00  00  00  00      00  00  00  00
02.  00  00  00  00      00  00  00  00
     00  00  00  00      00  00  00  00

[Next]   Next Page    [Prev]  Prev Page
[O]  Return to Top Menu
```

7-4-3. Clear the Initialize Setup Data

Press [DVD MENU] button and then press [CLEAR] button on the remote commander.

```
                Emg. History Check

Laser Hours        CD    999h        59min
                   DVD   999h        59min

              initialize setup data...




[Next]   Next Page    [Prev]  Prev Page
[O]  Return to Top Menu
```

7-4-4. Return to the Top Menu of Remocon Diagnosis Menu

Press [0] button on the remote commander.

• Check Version Information

To check the version information, please follow the following procedure.

(1) From the Top Menu of Remocon Diagnosis Menu, select "4. Version Information" by pressing the [4] button on the remote commander. The following screen appears on the on-screen display.

```
        Version information

Firm (Main) :  Ver. xxxxx
Firm (Sub) :  xxxxx
RISC :  xxxxx
8032 :  xxxxx
Audio DSP :  xxxxx
Servo DSP :  xxxxx


[O]  Return to Top Menu
```

To return to the Top Menu of Remocon Diagnosis Menu, press [0] button on the remote commander.

7-5. AUTOMATIC ACOUSTIC FIELD CALIBRATION MICROPHONE TEST MODE

Procedure:

1. Press the [I/⏻] button to turn the power on.
2. Press the [FUNCTION] button to set the function " DVD".
3. Insert ECM-AC2 supplied as an accessory into the AUDIO IN/ A.CAL MIC jack.
4. While pressing the [▮▮] and [⏏] buttons simultaneously, turn the [VOLUME] control in the direction of (+).
5. Confirm that the following are shown on the display panel.
   ① The JACK inserted/non-inserted detection display and the STEREO/MONO detection display.
   ② Presence of DIGITAL voice input to the microcomputer. (OK: input, NG: no input)
   ③ The value of the MIC input to the microcomputer. (shown "255h")

```
 ***     *  *     ***
  ①       ②       ③
```

① "NON" : Not detected
"ST" : STEREO
"MN" : MONO

② OK : input
NG : no input

③ 0-255 (Changes in real time)

6. To exit from this mode, press the [▮▮] and [⏏] buttons simultaneously, turn the [VOLUME] control in the direction of (+).

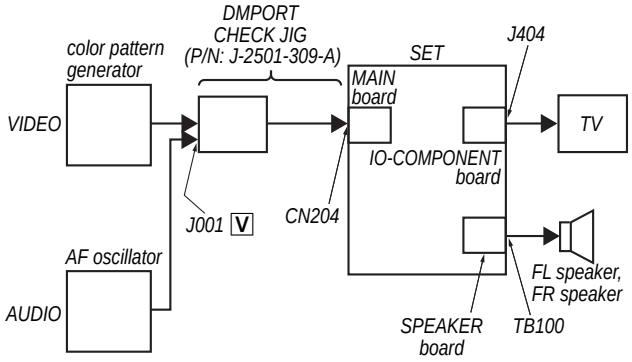
8. DEMO PLAY OUT

It is a mode to release the demonstration reproduct by the dedicated demonstration disc.

1. During playback the DEMO Disc, press the [■] and [▷] buttons for five seconds simultaneously.
2. The message "DEMO OFF" is displayed, a mode to reproduct the demonstration is released.

9. DIGITAL MEDIA PORT TEST

1. Connect the DMPORT CHECK JIG (P/N: J-2501-309-A) with the terminal DMPORT.
2. Press the [I/⏻] button to turn the power on.
3. Confirm that both LEDs of the DMPORT confirmation JIG lights. (Confirmation the power supply line.)
4. Set the [FUNCTION] button with "DMPORT" on this model.
5. Press the [▮▮], [⏮] buttons and turn the [VOLUME] control in the direction of (+) simultaneously, the DMPORT test mode is activated.
6. It is confirmed that "DMPORT OK" is displayed on this set display. (Confirmation of communication line)
7. To a pin jack of the DMPORT confirmation JIG input information relevant to audio signal (sine-wave 1.0Vrms) and composite video signal (white 100% 1.0Vp-p, color bar, etc.)
8. Confirm the output of speakers and monitor TV. (Confirmation of analog signal)
9. To exit from this mode, press the [▮▮], [⏮] buttons and turn the [VOLUME] control in the direction of (+).



10. PROTECTION FACTOR (SD DETECTION/ DC DETECTION) IDENTIFICATION TEST MODE

When an error is detected, the FL tube alternately displays "PROTECTOR ⇦⇨ PUSH POWER".

↓ Press the [I/⏻] button.
* Buttons other than the [I/⏻] button are invalid.

"STANDBY" blinks three times on the FL tube.

↓

The protection release state (POWER OFF) is established.
(No FL tube display)

↓ Press the [I/⏻] button two times.

The power to the system turns on, and the normal operation is established. (Restore)

During the protection state:

1. If the AC plug is connected or disconnected during the protection state, the protection state is released, and the normal operation is established. (The protection state is not maintained.)
2. The protection factor is displayed by pressing the [FUNCTION], [⏏] and [▶▶I] buttons at the same time during the protection state
   (during the "PROTECTOR ⇦⇨ PUSH POWER" display).
   ⇨ When SD is detected: Repeats "SD DETECT ⇦⇨ PROTECTOR".
   ⇨ When DC is detected: Repeats "DC DETECT ⇦⇨ PROTECTOR".

PL: SD detection

When the "L" output from the SD (shutdown) port on the S-MASTER POWER Driver Shutdown and voltage descent (15V or less) of 30V power supply (PVDD) are detected.

DC detection

When the "L" output from the power/speaker error detection circuit (DC detection port) is detected for two seconds continually, the power system other than that of the FL tube is turned off, and the protection state is established.

SECTION 5
ELECTRICAL ADJUSTMENTS

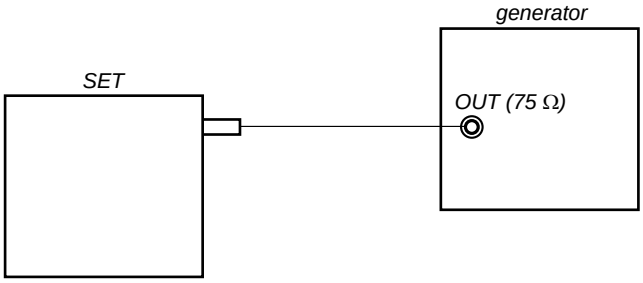
DVD SECTION

When the optical pick-up assy is replaced, perform the "EXECUTING IOP MEASUREMENT".

EXECUTING IOP MEASUREMENT (See page 26)

TUNER SECTION

[FM Tune Level Check]



Procedure:

1. Turn the power on.
2. Input the following signal from Signal Generator to FM antenna input directly.

* Carrier Freq : A = 87.5 MHz, B = 98 MHz, C = 108 MHz
Deviation : 75 kHz
Modulation : 1 kHz
ANT input : 35 dBu (EMF)

Note: Please use 75 ohm "coaxial cable" to connect SG and the set. You cannot use video cable for checking.
Please use SG whose output impedance is 75 ohm.

3. Set to FM tuner function and tune A, B and C signals.
4. Confirm "TUNED" is lit on the display for A, B and C signals.

The mark of "TUNED" means "The selected station signal is received in good condition."

SECTION 6
DIAGRAMS

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

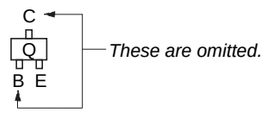
For Printed Wiring Boards.

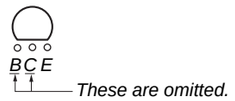
Note:

- ○——○ : Parts extracted from the component side.
- ○ : Through hole.
- ▬ : Pattern from the side which enables seeing.
  (The other layers' patterns are not indicated.)

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

- Indication of transistor.





- Abbreviation
  EA : Saudi Arabia model
  PH : Philippines model
  SP : Singapore model
  RU : Russian model
  TH : Thai model

For Schematic Diagrams.

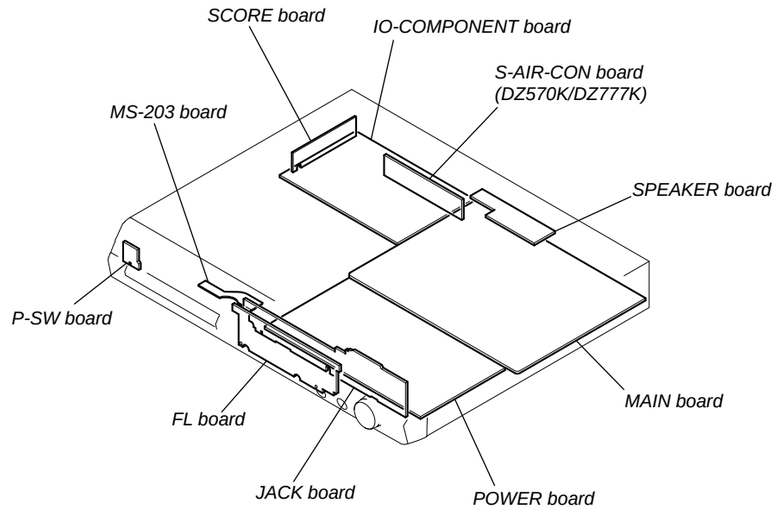
Note:

- 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.

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

- ▬▬ : B+ Line.
- ▬ ▬ ▬ : B– Line.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
- Voltages and waveforms are dc with respect to ground in service mode.
- Waveforms are taken with a oscilloscope.
  Voltage variations may be noted due to normal production tolerances.
  no mark : TUNER (FM)
  < > : DVD PLAY
  ∗ : Impossible to measure
- Voltages are taken with VOM (Input impedance 10 MΩ).
- Circled numbers refer to waveforms.
- Signal path.
  ⇨ : TUNER
  ▷ : MIC
  ⇨ : DVD PLAY
  ⇨ : VIDEO
  ⇨ : Y
  ⇨ : CHROMA
  ⇨ : COMPONENT VIDEO
- Abbreviation
  EA : Saudi Arabia model
  PH : Philippines model
  SP : Singapore model
  RU : Russian model
  TH : Thai model

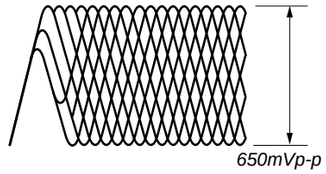
- **Circuit Boards Location**



• **Waveforms**

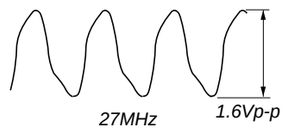
– MAIN Board –

① IC1101 ⑩ (DVDRFIP)



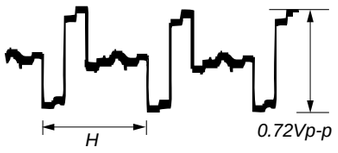
200 mV/DIV, 100 ns/DIV

⑦ IC1101 ㉘ (XTALO)



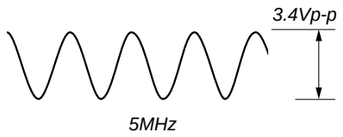
500 mV/DIV, 20 ns/DIV

② IC1101 ⑫ (R/Cr/Pr)



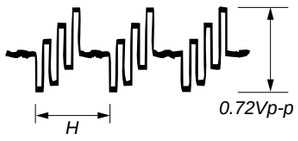
500 mV/DIV, 20 µs/DIV

⑧ IC501 ⑬ (Xout)



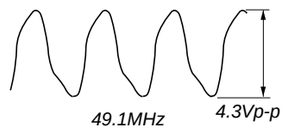
1 V/DIV, 100 ns/DIV

③ IC1101 ⑱ (B/Cb/Pb)



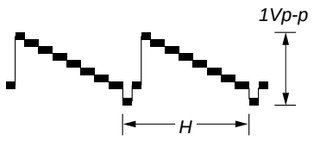
500 mV/DIV, 20 µs/DIV

⑨ IC3010 ⑭ (XFSOOUT)



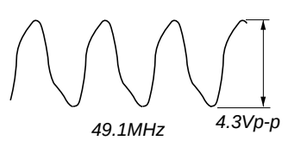
1 V/DIV, 10 ns/DIV

④ IC1101 ⑮ (Y/G)



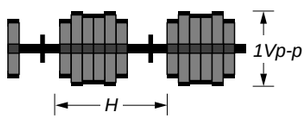
1 V/DIV, 20 µs/DIV

⑩ IC3010 ㊽ (XFSOIN)



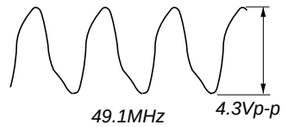
1 V/DIV, 10 ns/DIV

⑤ IC1101 ⑱ (C)



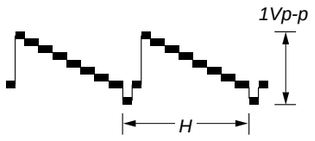
1 V/DIV, 20 µs/DIV

⑪ IC3051 ② (3Y)



1 V/DIV, 10 ns/DIV

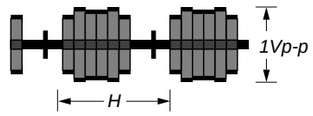
⑥ IC1101 ⑲ (Y)



1 V/DIV, 20 µs/DIV

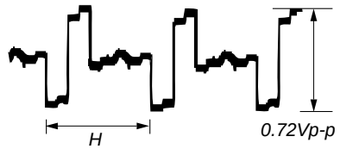
– IO-COMPONENT Board –

① IC404 ② (Cin)



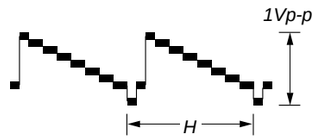
1 V/DIV, 20 µs/DIV

⑥ IC404 ⑯ (Cr OUT)



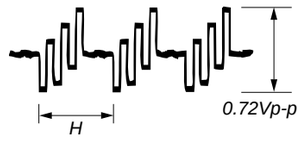
500 mV/DIV, 20 µs/DIV

② IC404 ⑥ (Yin)



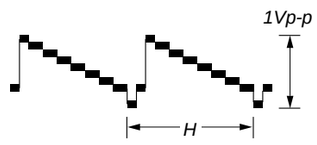
1 V/DIV, 20 µs/DIV

⑦ IC404 ⑱ (Cb OUT)



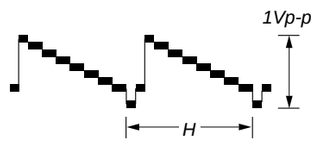
500 mV/DIV, 20 µs/DIV

③ IC404 ⑩ (CYin)



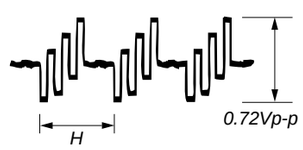
1 V/DIV, 20 µs/DIV

⑧ IC404 ⑳ (CY OUT)



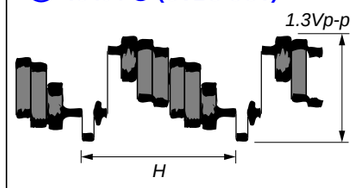
1 V/DIV, 20 µs/DIV

④ IC404 ⑫ (Cb in)



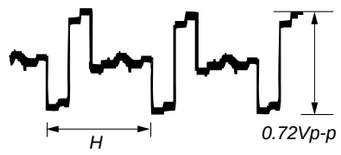
500 mV/DIV, 20 µs/DIV

⑨ IC404 ㉓ (CVBS OUT)



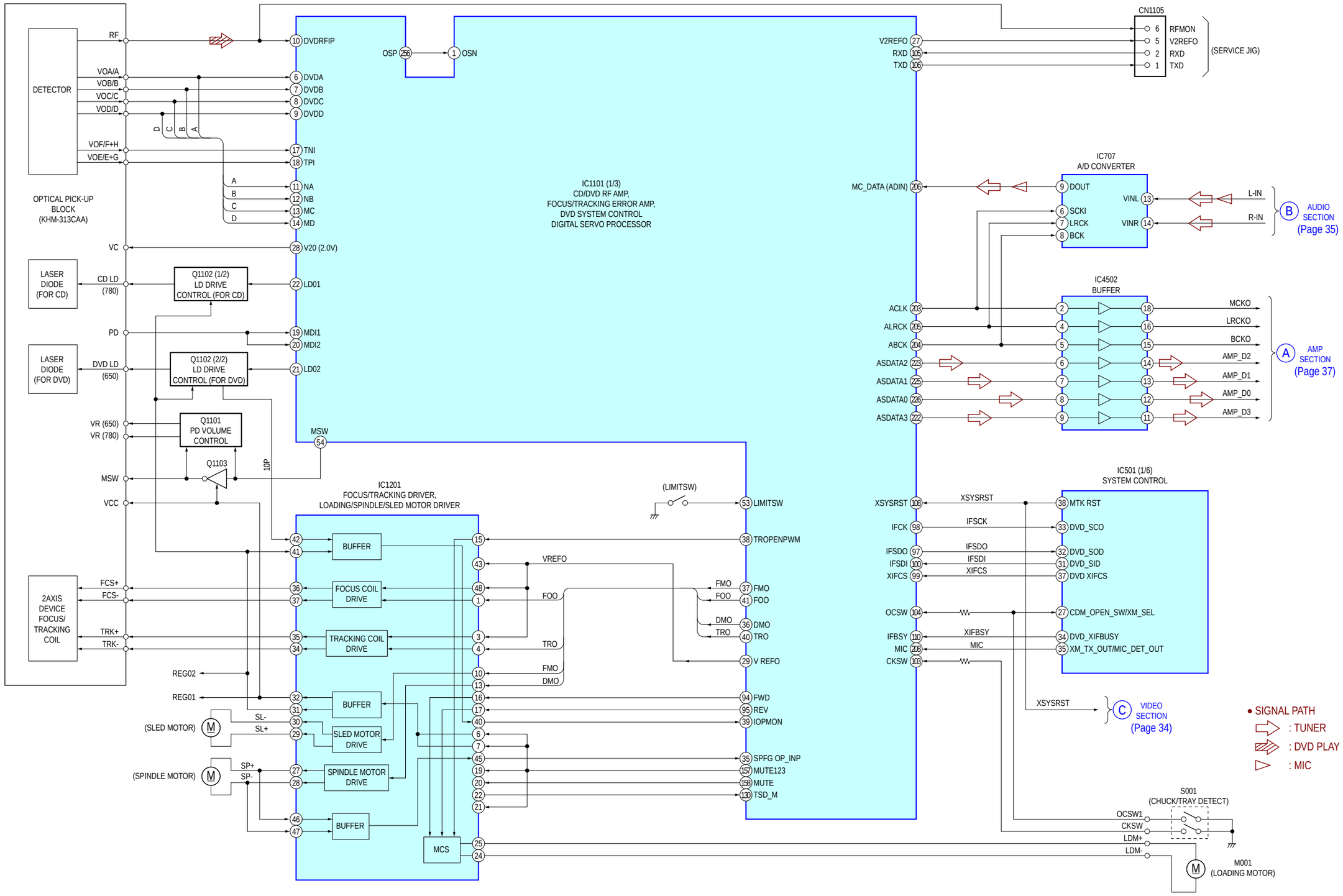
500 mV/DIV, 20 µs/DIV

⑤ IC404 ⑭ (Cr in)

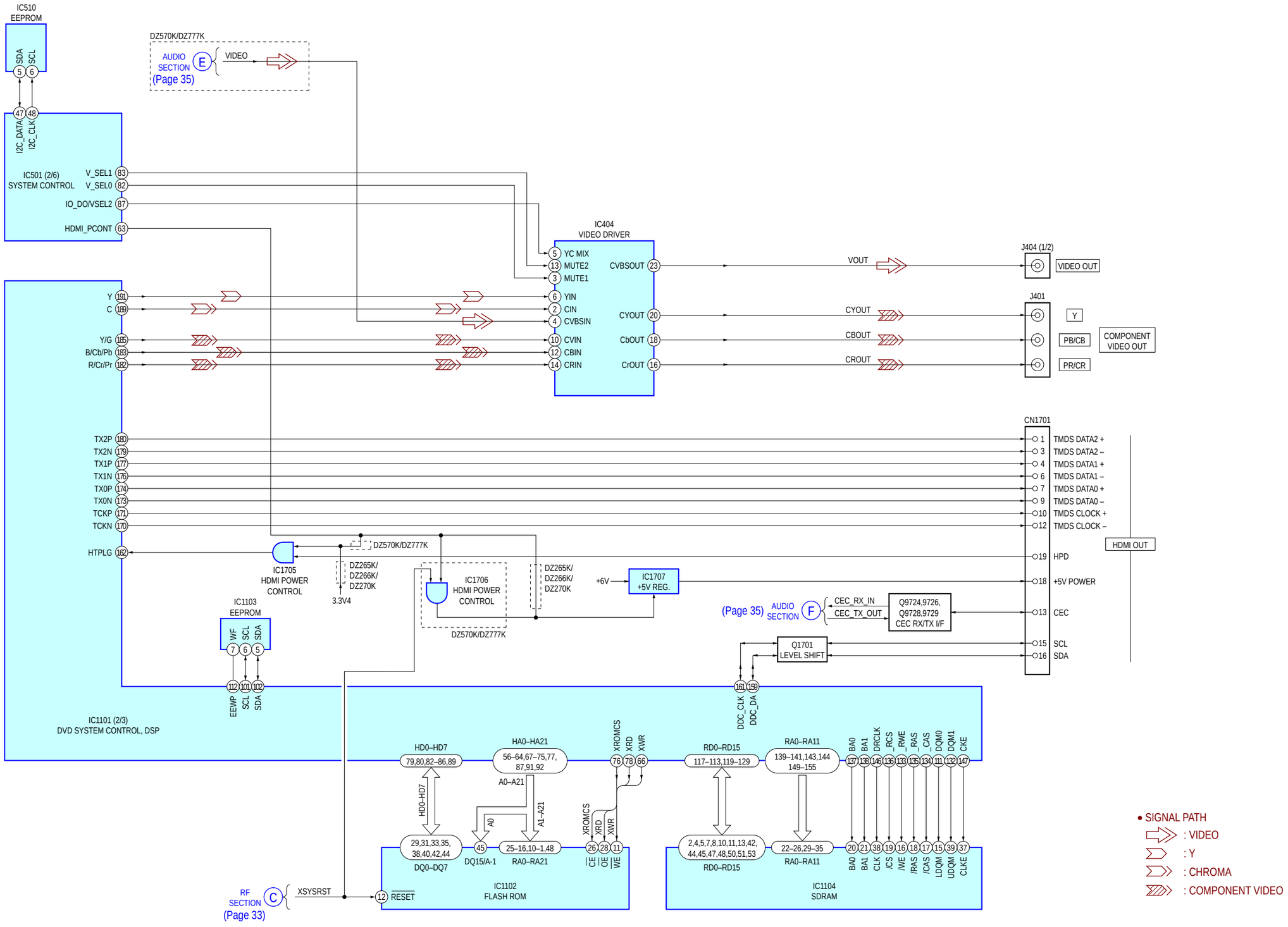


500 mV/DIV, 20 µs/DIV

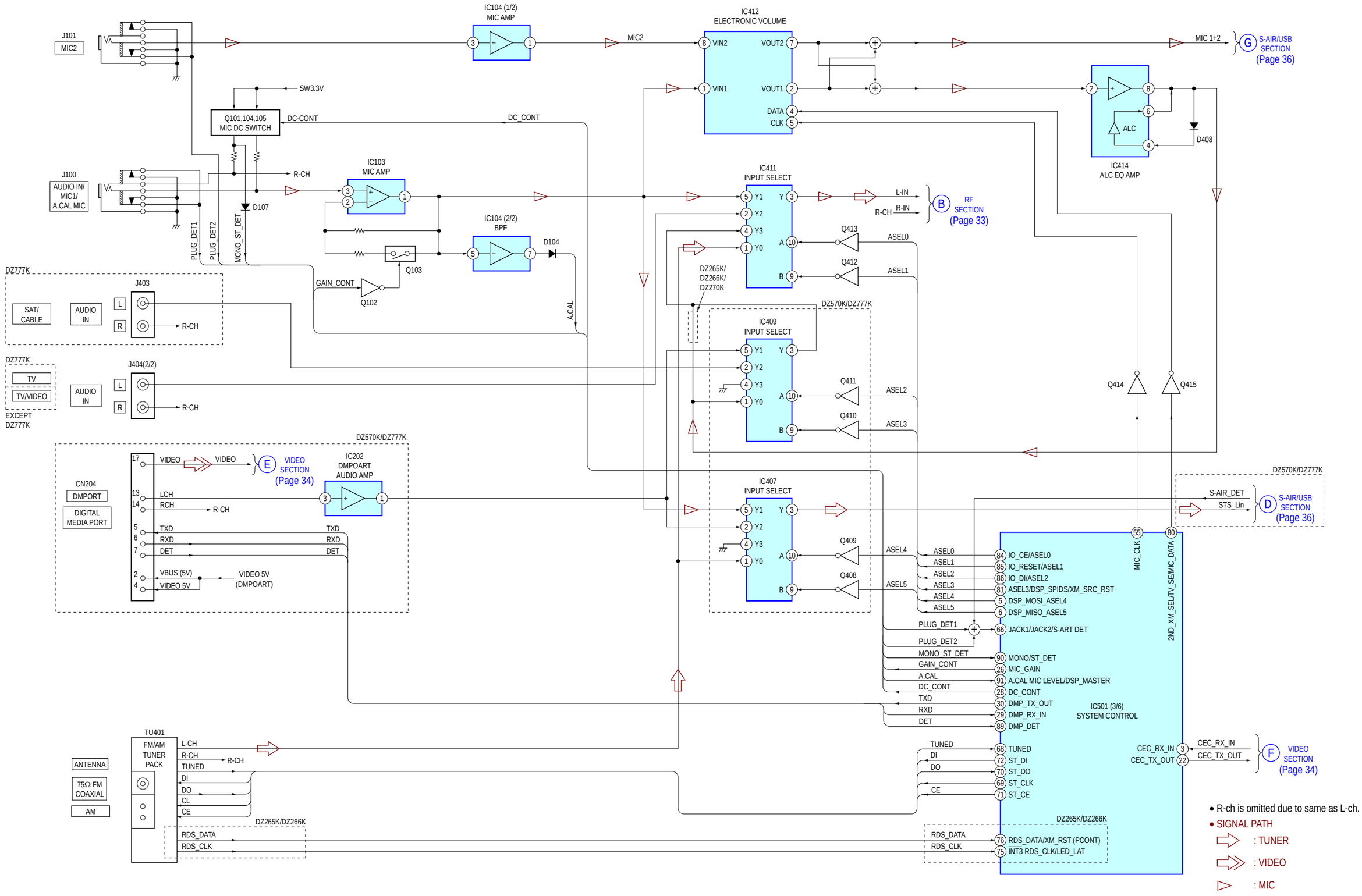
6-1. BLOCK DIAGRAM – RF Section –



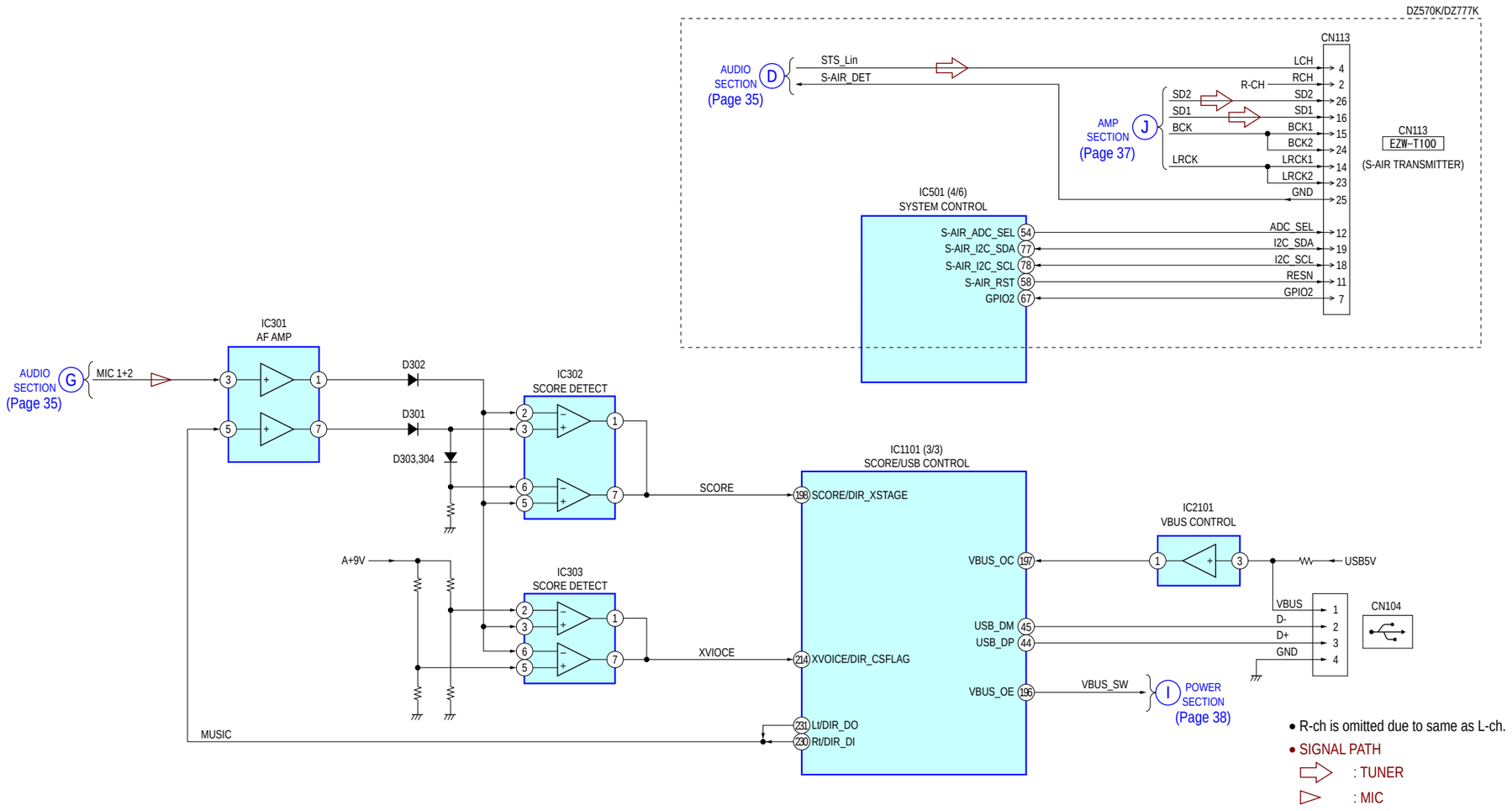
6-2. BLOCK DIAGRAM – VIDEO Section –



6-3. BLOCK DIAGRAM – AUDIO Section –

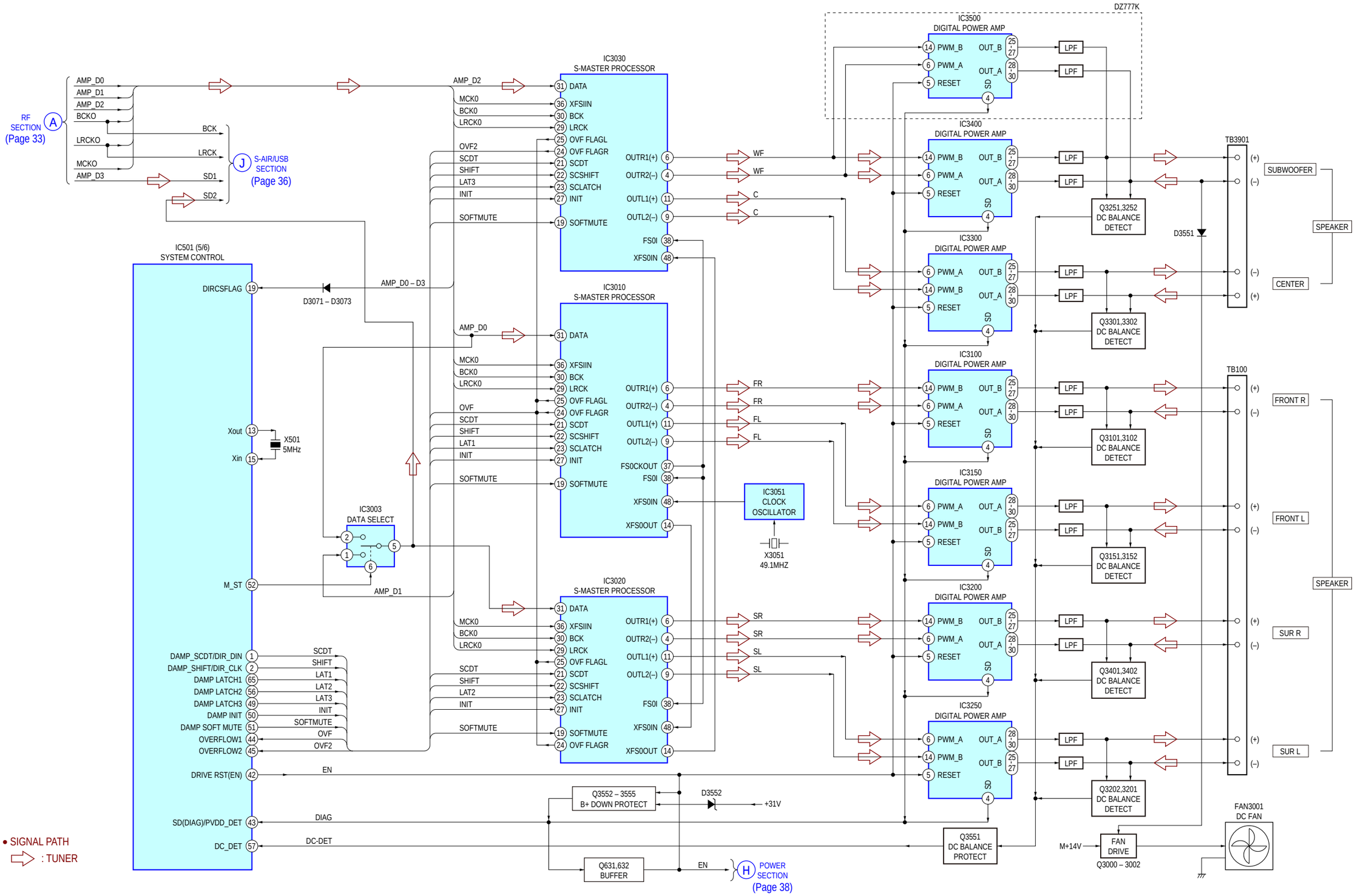


6-4. BLOCK DIAGRAM – S-AIR/USB Section –

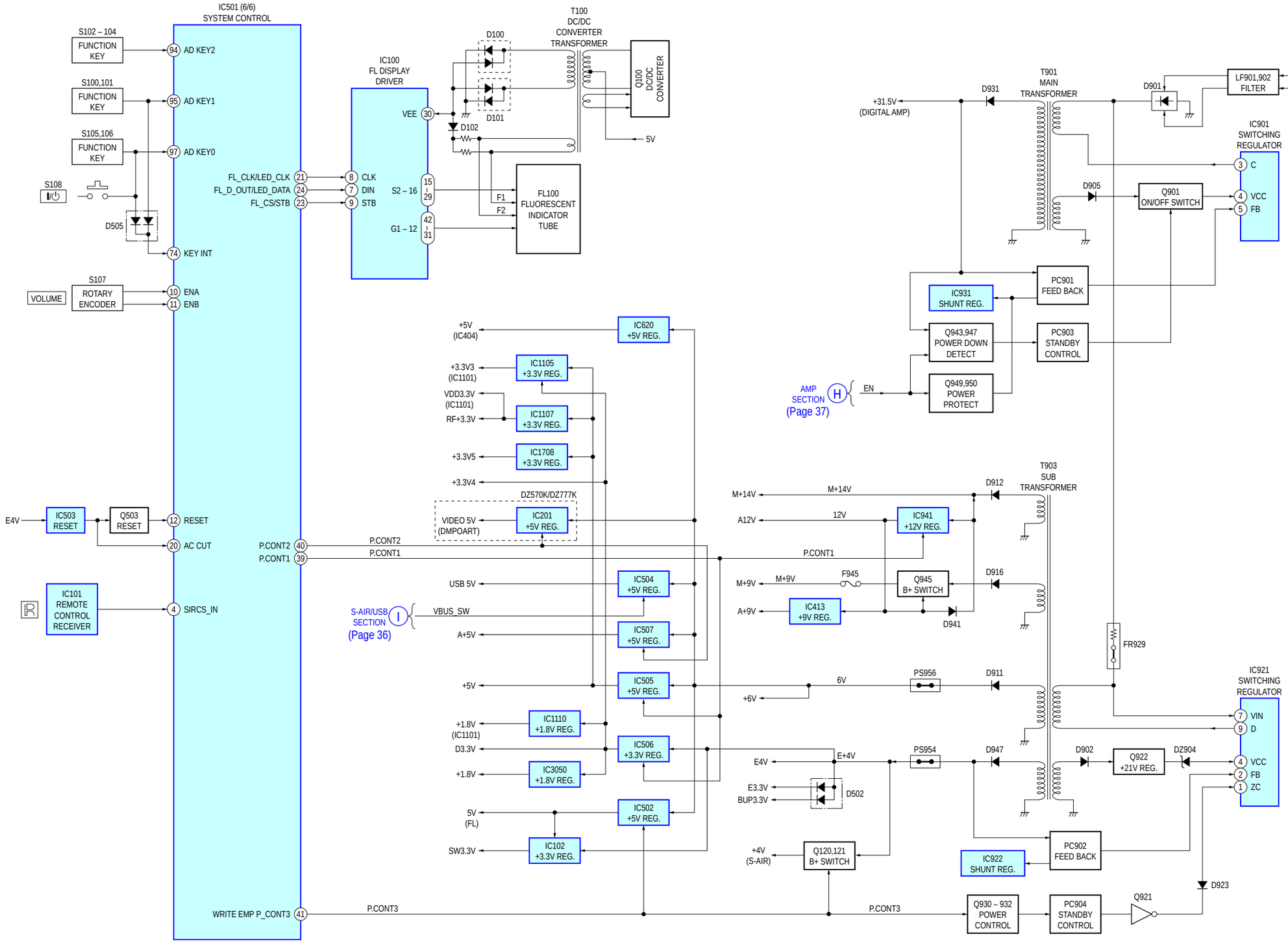


- R-ch is omitted due to same as L-ch.
- SIGNAL PATH
  - : TUNER
  - : MIC

6-5. BLOCK DIAGRAM – AMP Section –



6-6. BLOCK DIAGRAM – POWER Section –

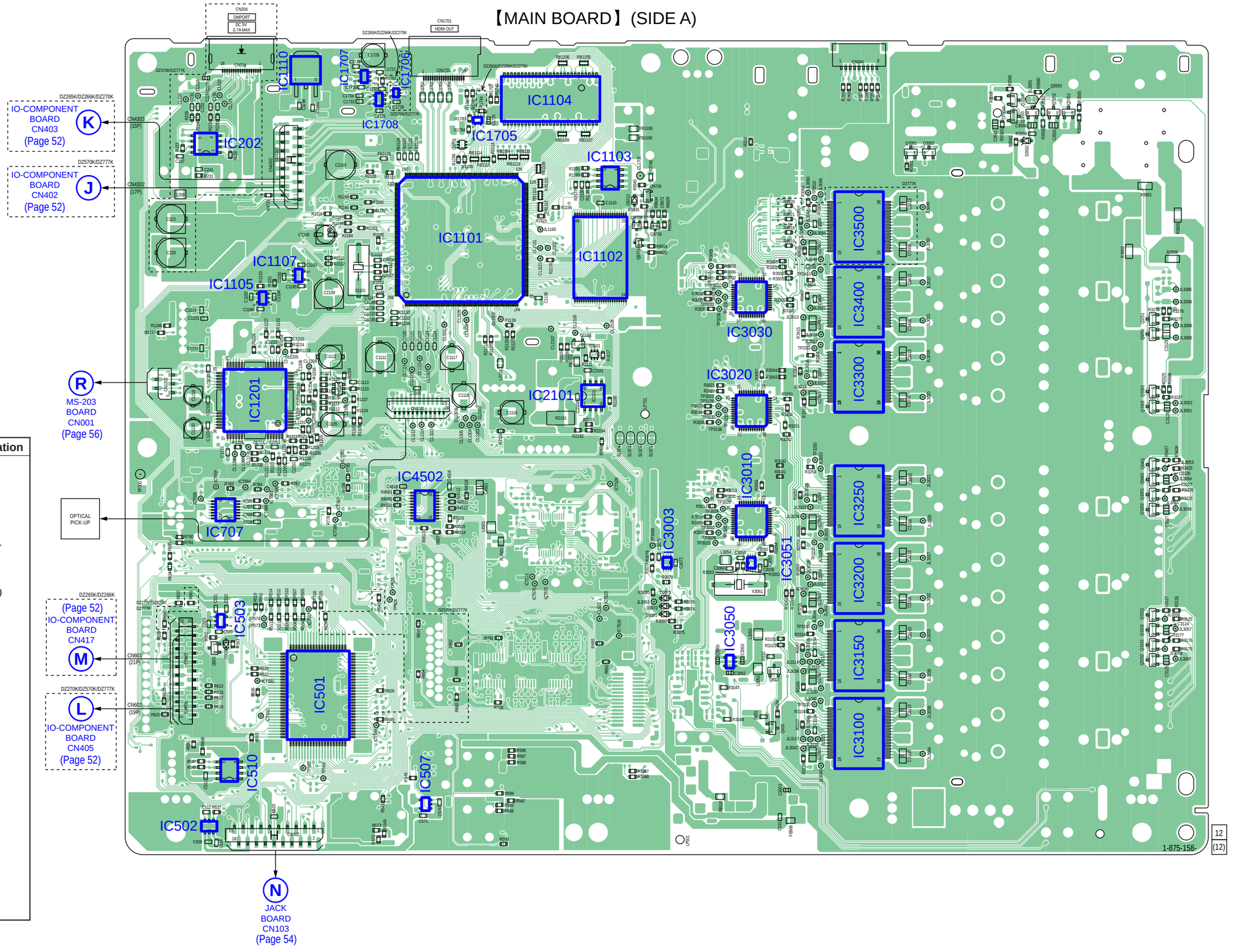


6-7. PRINTED WIRING BOARD – MAIN Board (Side A) –

• See page 31 for Circuit Boards Location. • : Uses unleaded solder.

When IC510 and IC1103 on the Main board are damaged, exchange the new Main board for the Main board which IC damaged.

【MAIN BOARD】(SIDE A)

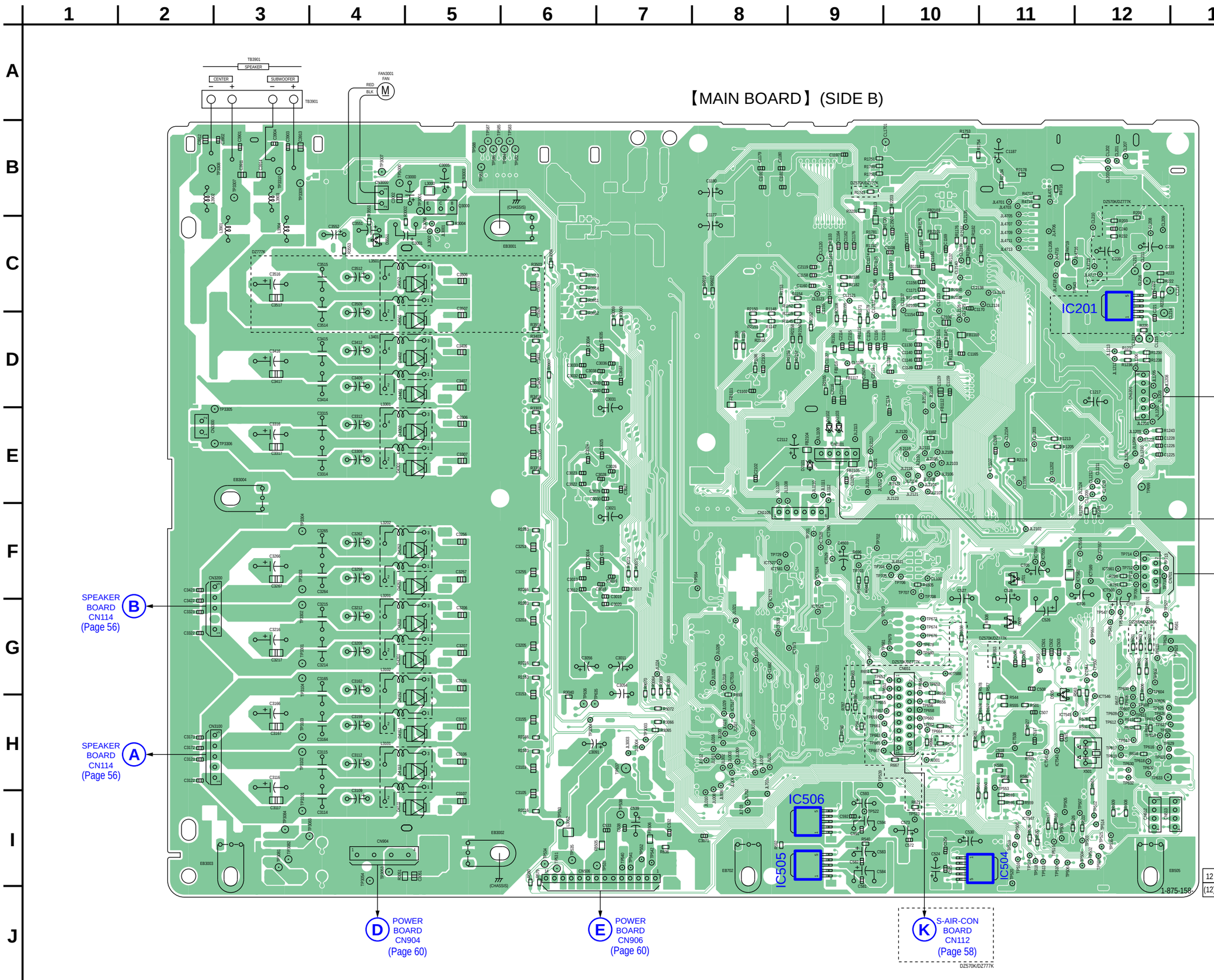


• **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location
D501	H-11	IC3250	F-4
D3071	G-6	IC3300	E-4
D3072	G-6	IC3400	D-4
D3073	G-6	IC3500	C-4
D3552	B-3	IC4502	F-9
D9712	C-7		
		Q503	H-11
IC202	C-11	Q631	H-5
IC501	H-10	Q632	H-5
IC502	I-11	Q1101	E-7
IC503	G-11	Q1102	E-10
IC507	I-9	Q1103	E-7
IC510	I-11	Q1701	C-8
IC707	F-11	Q3001	C-4
IC1101	C-8	Q3002	C-4
IC1102	D-7	Q3101	G-1
IC1103	C-7	Q3102	G-1
IC1104	B-8	Q3151	H-1
IC1105	D-11	Q3152	H-1
IC1107	D-10	Q3201	F-1
IC1110	B-10	Q3202	F-1
IC1201	E-10	Q3251	D-1
IC1705	B-8	Q3252	D-1
IC1706	B-9	Q3301	E-1
IC1707	B-9	Q3302	E-1
IC1708	B-9	Q3401	F-1
IC2101	E-7	Q3402	F-1
IC3003	G-6	Q3551	B-2
IC3010	F-5	Q3552	B-2
IC3020	E-5	Q3553	B-3
IC3030	D-5	Q3554	B-3
IC3050	H-6	Q3555	B-3
IC3051	G-5	Q9724	D-7
IC3100	H-4	Q9726	C-6
IC3150	H-4	Q9728	C-7
IC3200	G-4	Q9729	C-6

6-8. PRINTED WIRING BOARD – MAIN Board (Side B) –

- See page 31 for Circuit Boards Location.
- ⚡ : Uses unleaded solder.

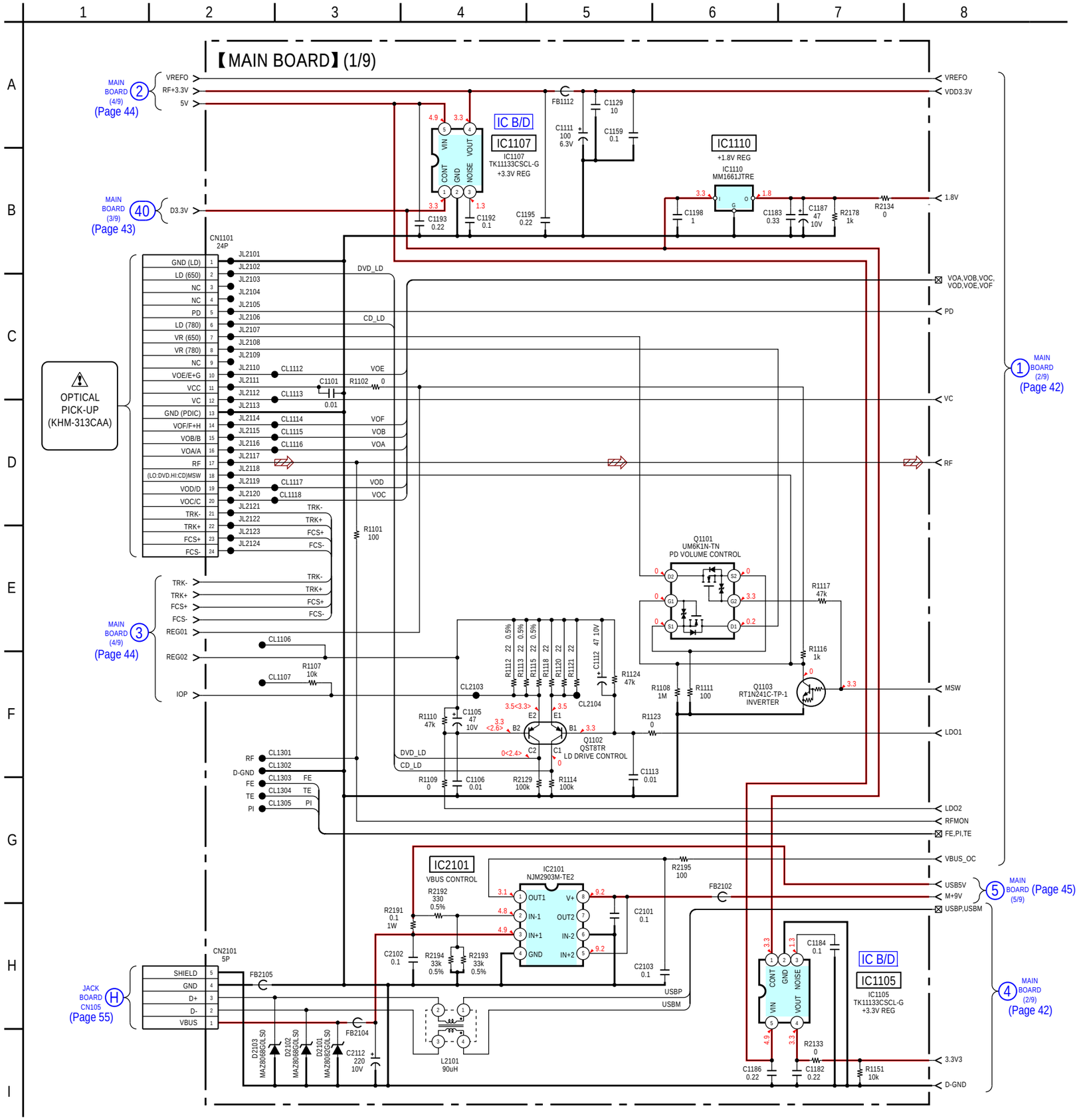


- **Semiconductor Location**

Ref. No.	Location
D502	G-11
D505	H-11
D701	F-11
D2101	E-9
D2102	E-9
D2103	E-9
D3551	C-4
D4111	I-5
D4112	H-5
D4151	H-5
D4152	H-5
D4201	G-5
D4202	G-5
D4251	F-5
D4252	F-5
D4301	E-5
D4302	E-5
D4401	D-5
D4402	D-5
D4501	D-5
D4502	C-5
IC201	C-12
IC504	I-11
IC505	I-9
IC506	I-9
Q3000	B-5

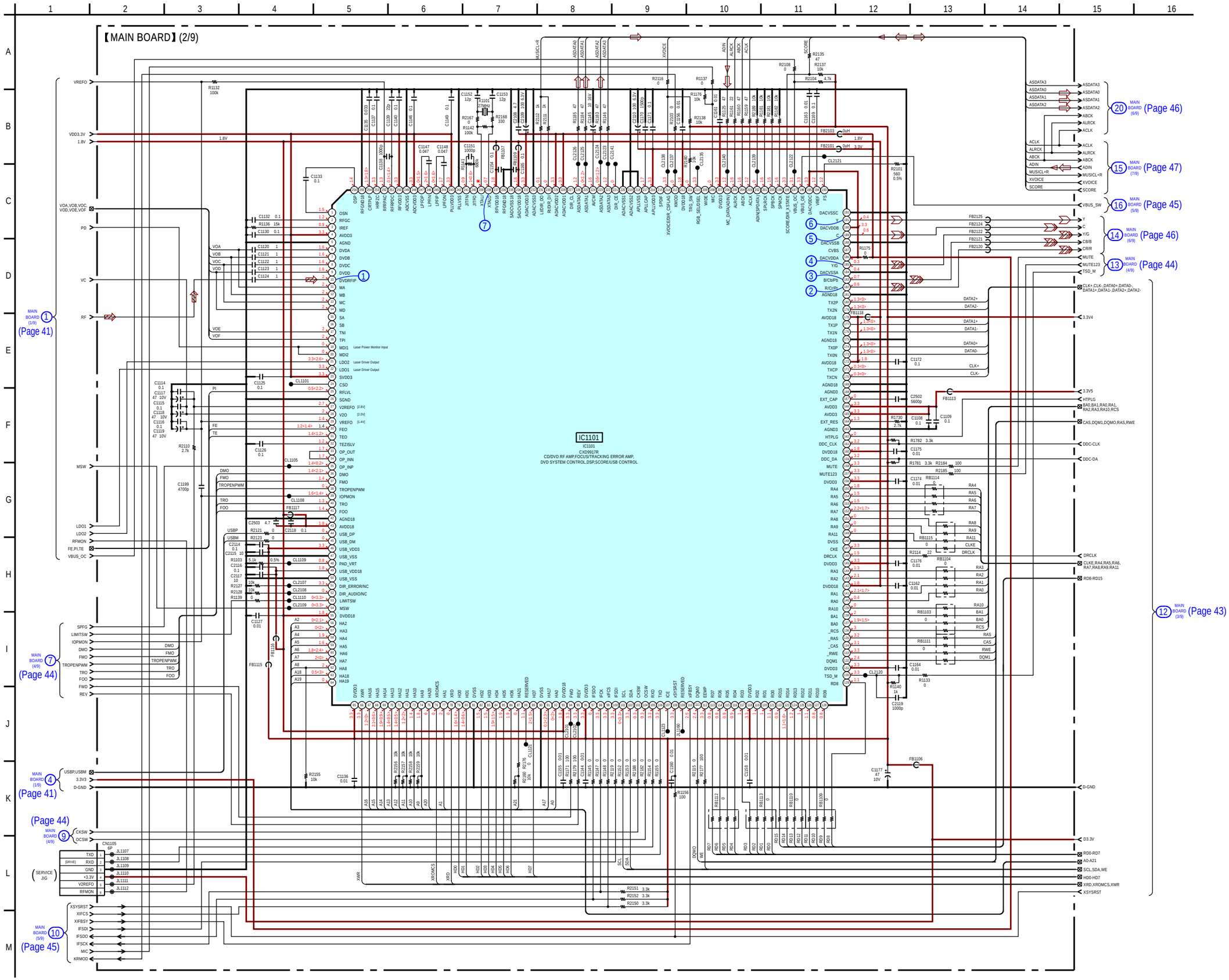
6-9. SCHEMATIC DIAGRAM – MAIN Board (1/9) –

• See page 63 for IC Block Diagrams.



6-10. SCHEMATIC DIAGRAM – MAIN Board (2/9) –

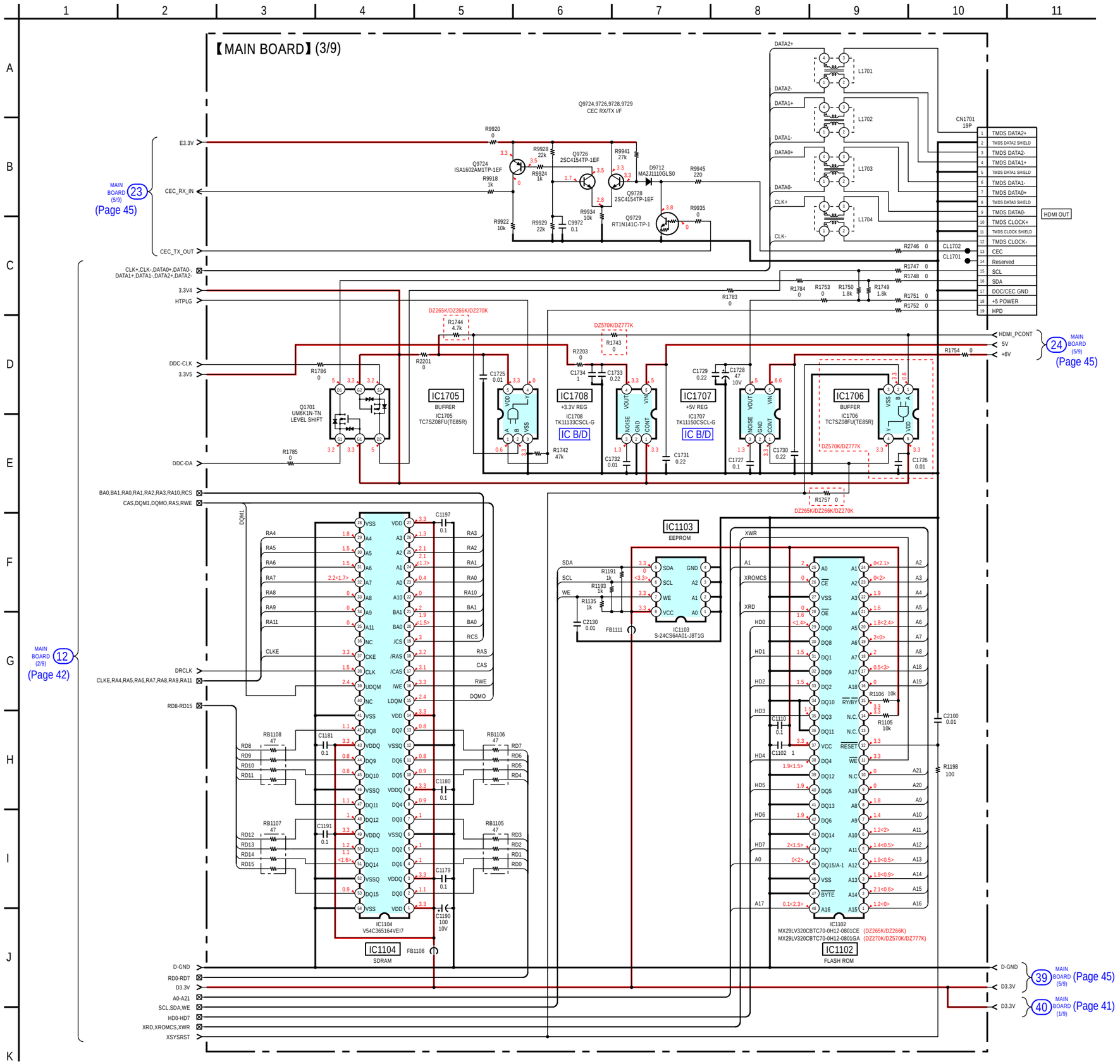
• See page 32 for waveforms. • See page 68 for IC Pin Function Description of IC1101.



6-11. SCHEMATIC DIAGRAM – MAIN Board (3/9) –

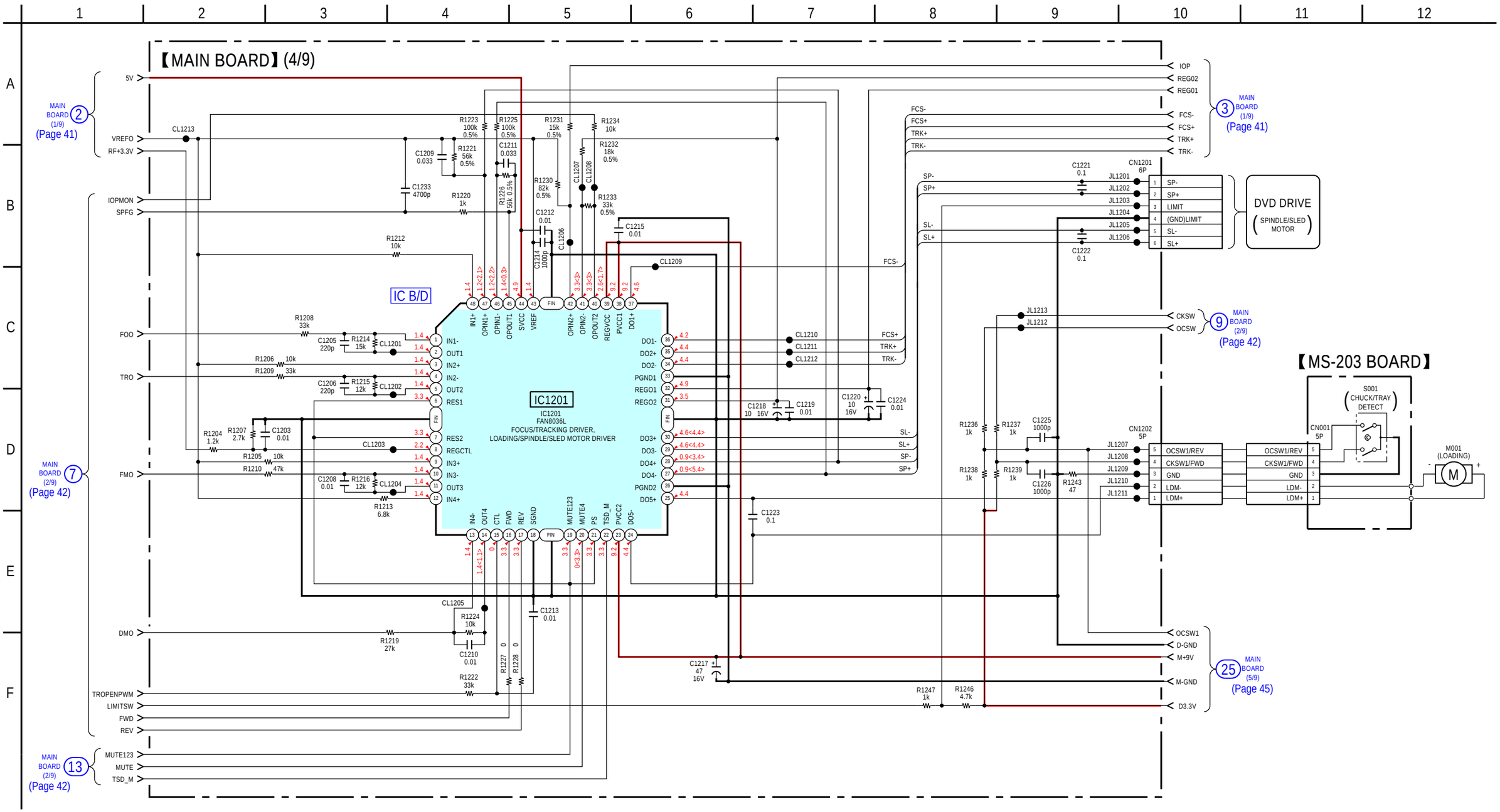
• See page 63 for IC Block Diagrams.

When IC1103 on the Main board is damaged, exchange the new Main board for the Main board which IC damaged.



6-12. SCHEMATIC DIAGRAM – MAIN Board (4/9), MS-203 Board –

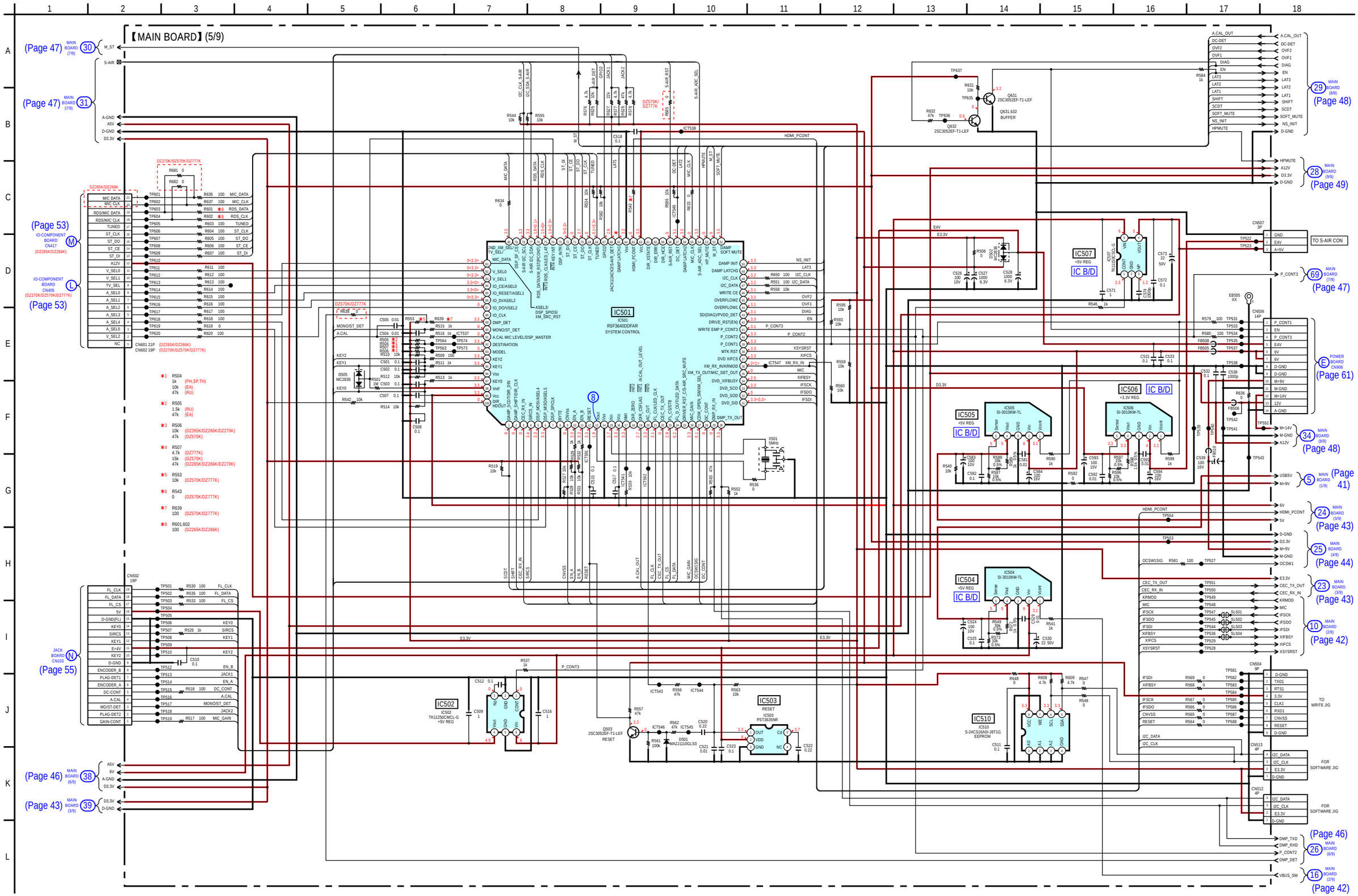
• See page 62 for IC Block Diagram.



6-13. SCHEMATIC DIAGRAM – MAIN Board (5/9) –

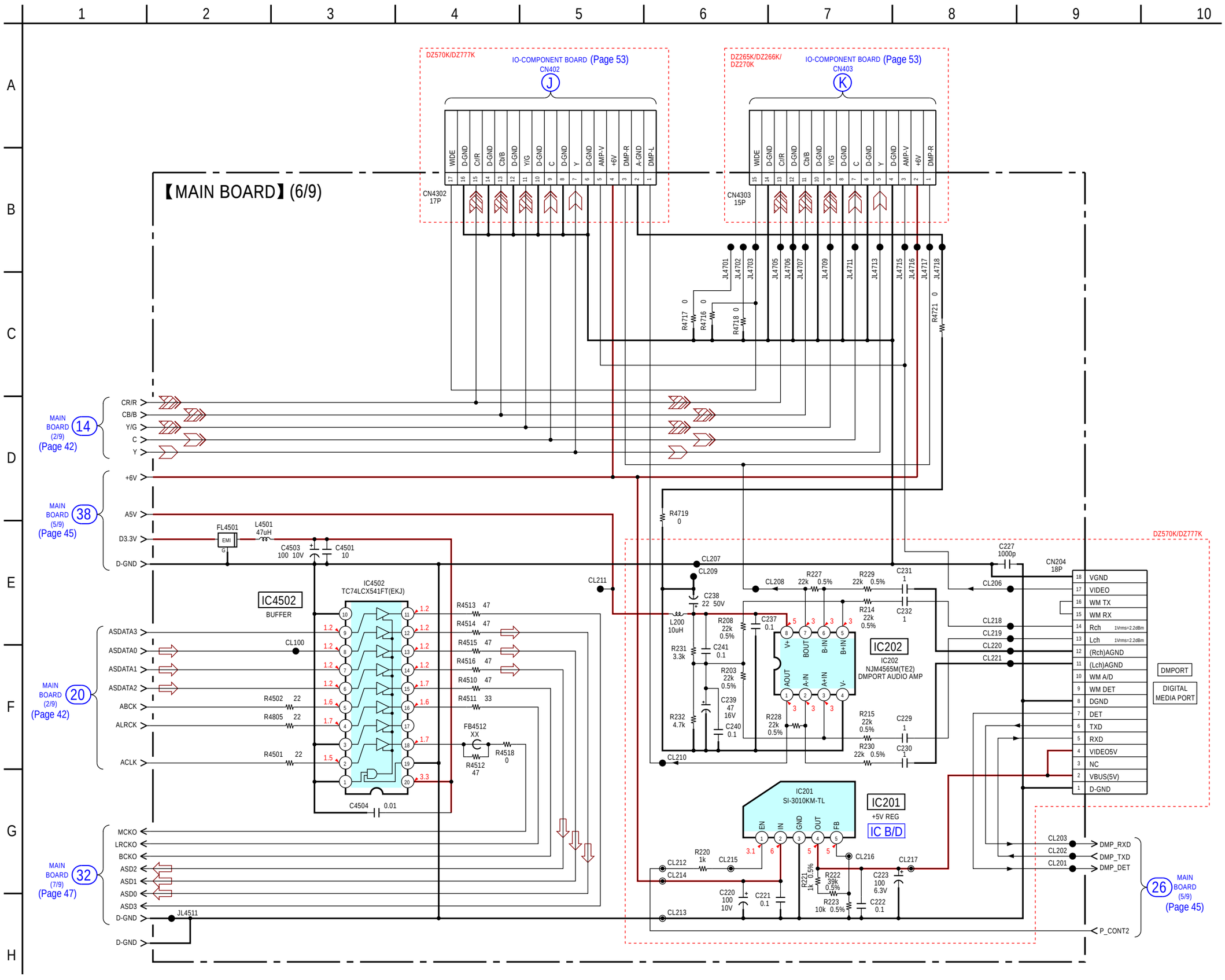
• See page 32 for waveform. • See page 63, 67 for IC Block Diagrams. • See page 72 for IC Pin Function Description of IC501.

When IC510 on the Main board are damaged, exchange the new Main board for the Main board which IC damaged.



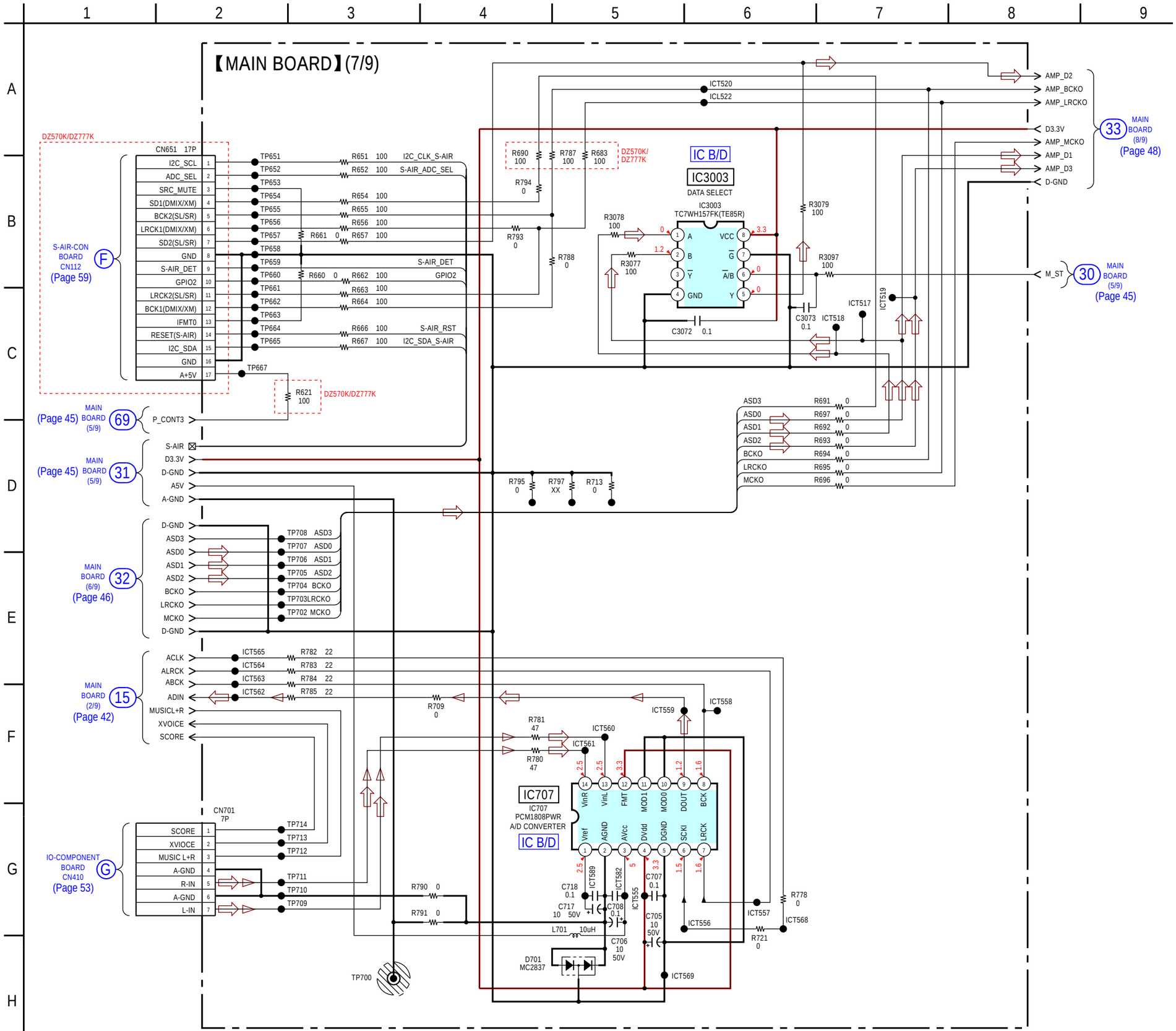
6-14. SCHEMATIC DIAGRAM – MAIN Board (6/9) –

• See page 67 for IC Block Diagram.

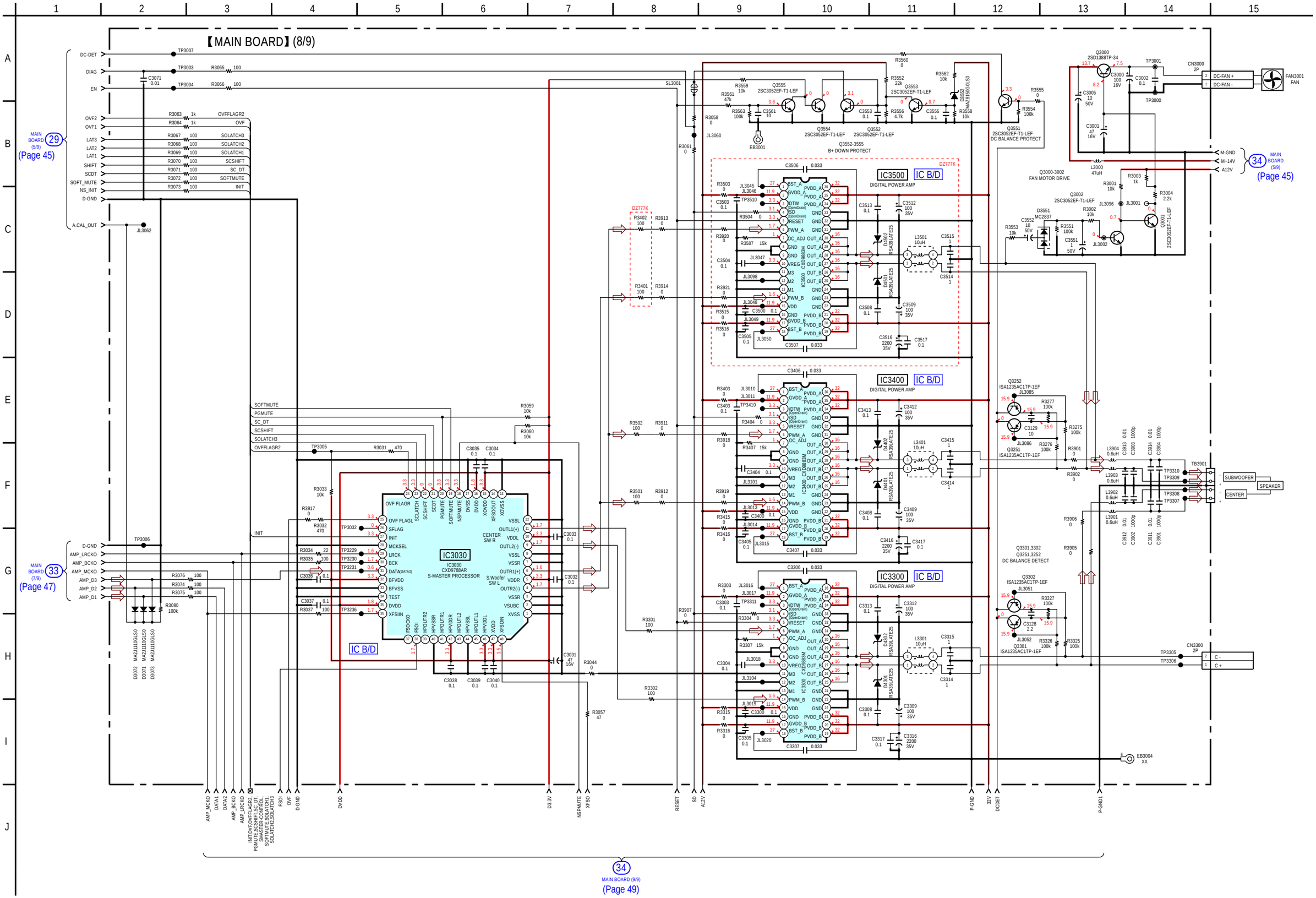


6-15. SCHEMATIC DIAGRAM – MAIN Board (7/9) –

• See page 62, 64 for IC Block Diagrams.

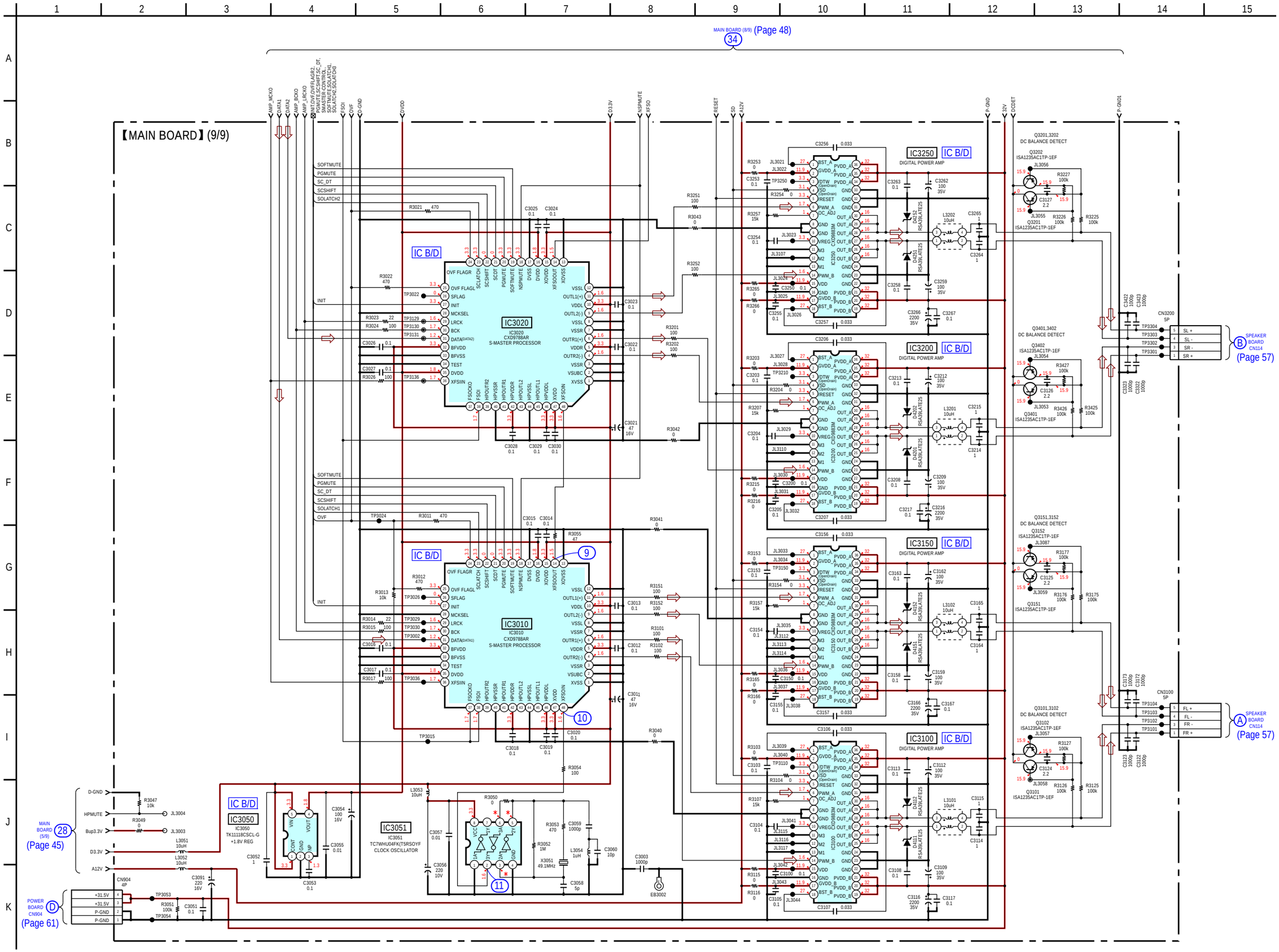


6-16. SCHEMATIC DIAGRAM – MAIN Board (8/9) – • See page 62, 65 for IC Block Diagrams.



6-17. SCHEMATIC DIAGRAM – MAIN Board (9/9) –

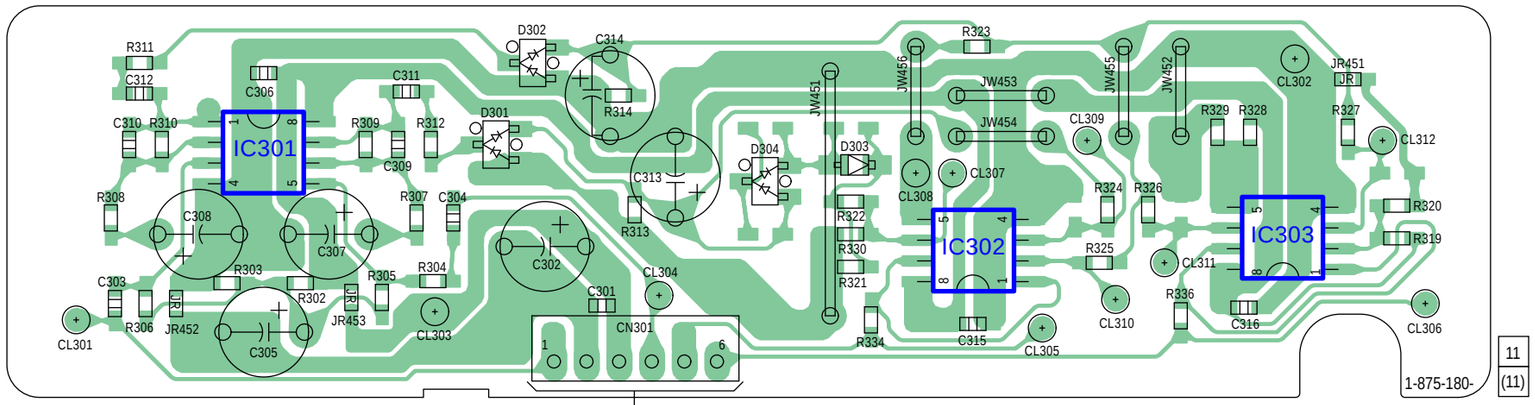
• See page 32 for waveforms. • See page 62, 63, 65 for IC Block Diagrams.



6-18. PRINTED WIRING BOARD – SCORE Board –

• See page 31 for Circuit Boards Location. • : Uses unleaded solder.

【SCORE BOARD】

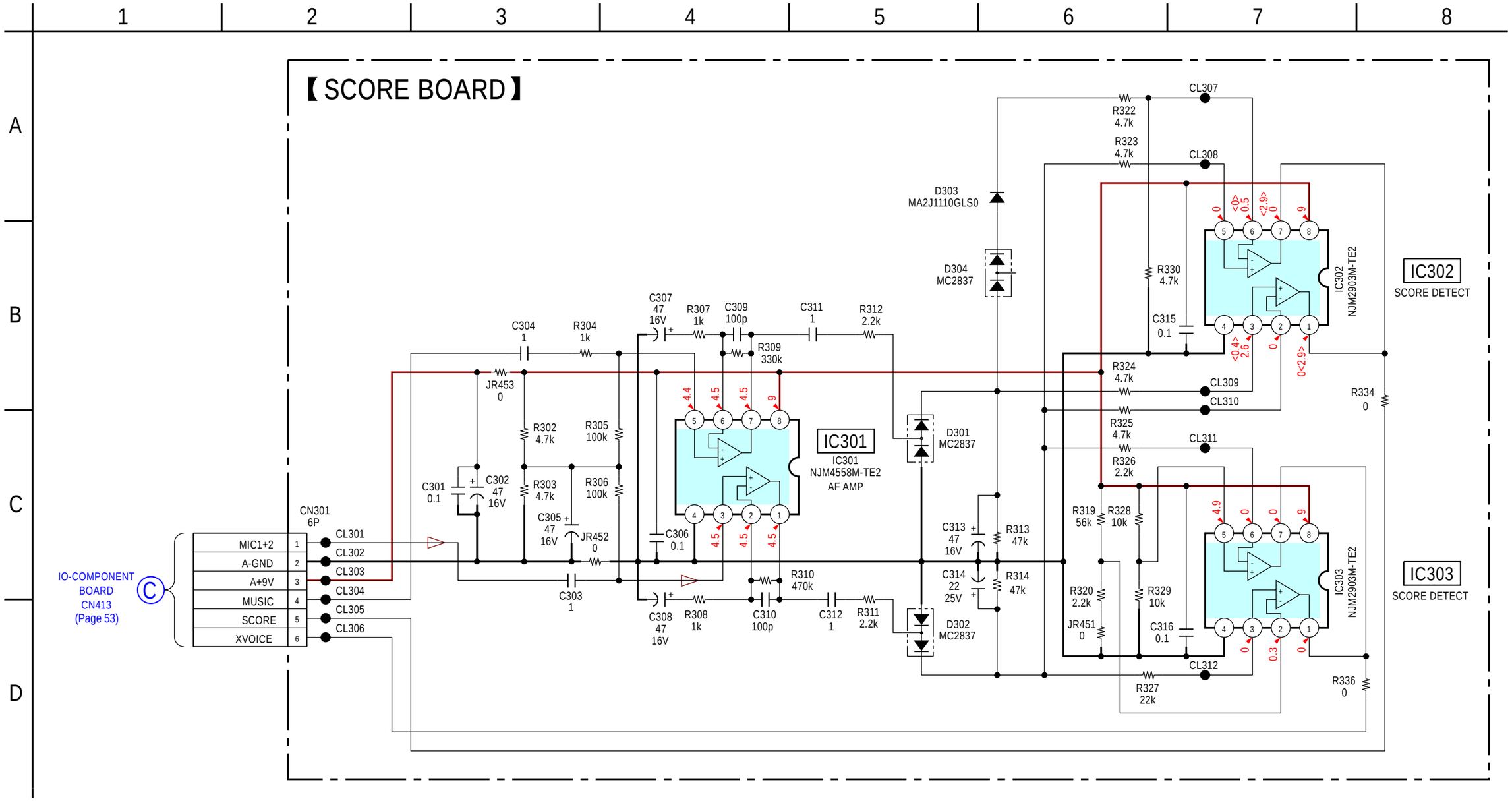


C
IO-COMPONENT BOARD CN413
(Page 52)

• **Semiconductor Location**

Ref. No.	Location
D301	B-5
D302	B-5
D303	B-7
D304	B-7
IC301	B-4
IC302	C-8
IC303	C-10

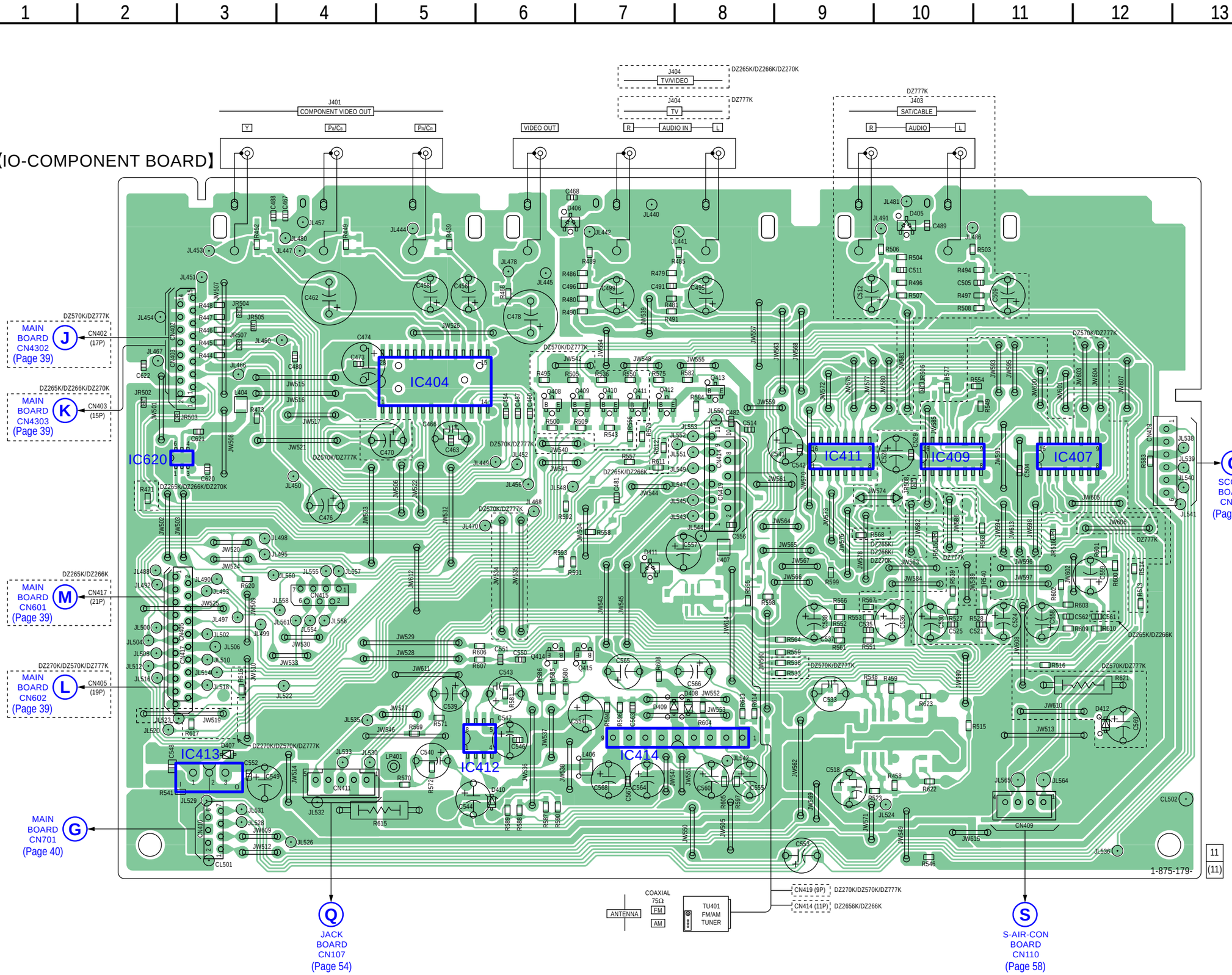
6-19. SCHEMATIC DIAGRAM – SCORE Board –



6-20. PRINTED WIRING BOARD – IO-COMPONENT Board –

• See page 31 for Circuit Boards Location. • : Uses unleaded solder.

【IO-COMPONENT BOARD】

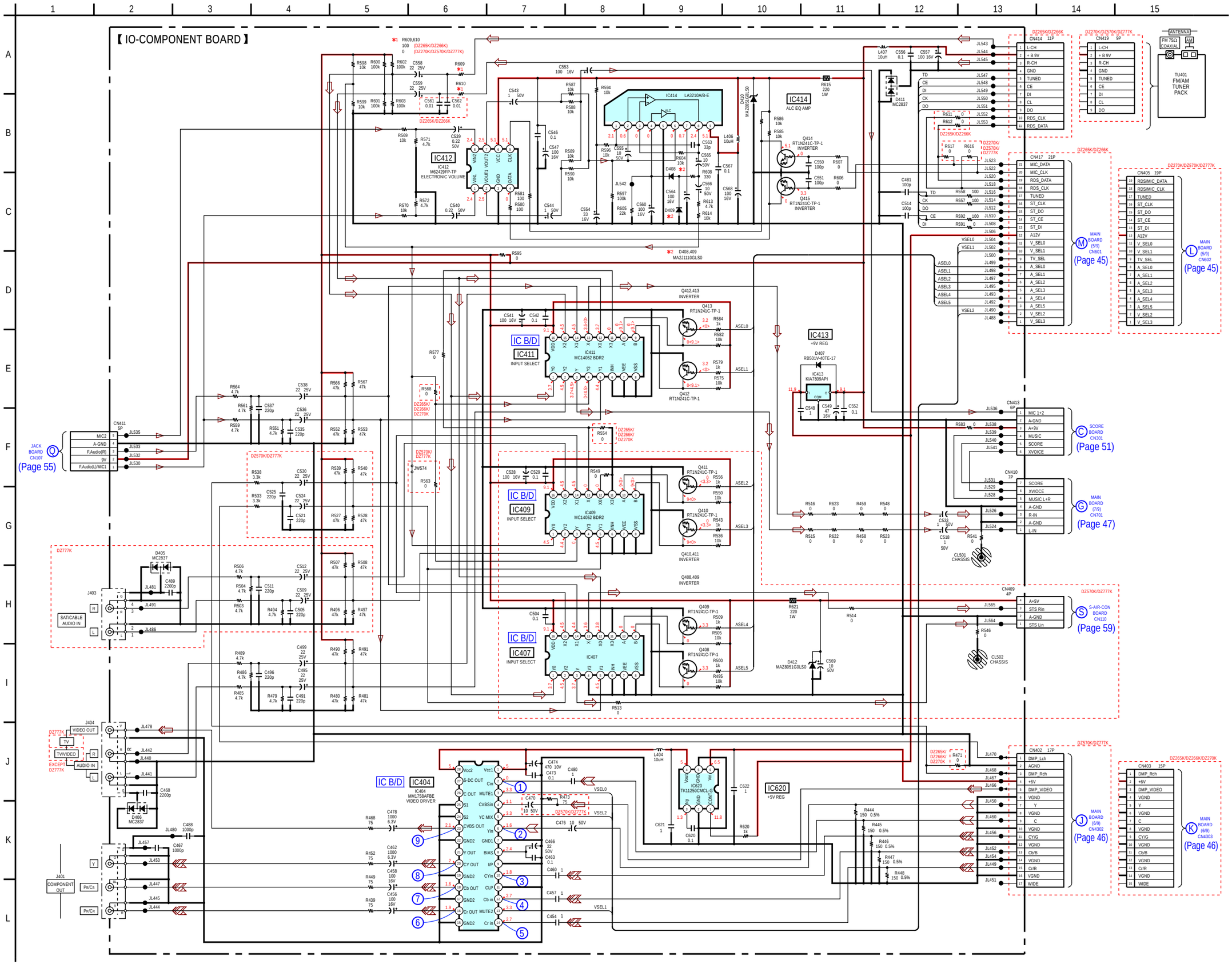


- **Semiconductor Location**

Ref. No.	Location
D405	C-10
D406	B-6
D407	H-3
D408	G-8
D409	G-7
D410	H-6
D411	F-7
D412	H-12
IC404	D-5
IC407	E-11
IC409	E-10
IC411	E-9
IC412	H-6
IC413	H-3
IC414	H-7
IC620	E-2
Q408	D-6
Q409	D-7
Q410	D-7
Q411	D-7
Q412	D-7
Q413	D-8
Q414	G-6
Q415	G-7

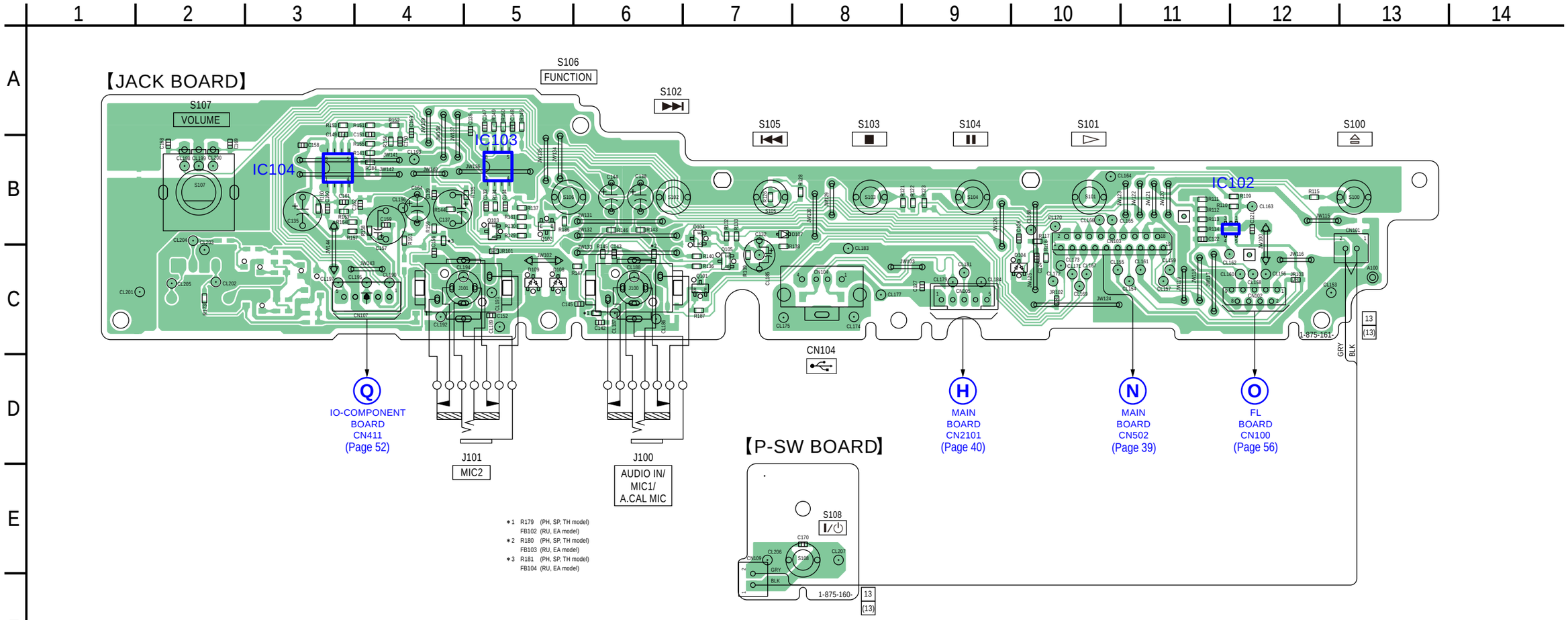
6-21. SCHEMATIC DIAGRAM – IO-COMPONENT Board –

• See page 32 for waveforms. • See page 66 for IC Block Diagrams.



6-22. PRINTED WIRING BOARDS – JACK, P-SW Board –

• See page 31 for Circuit Boards Location. • : Uses unleaded solder.

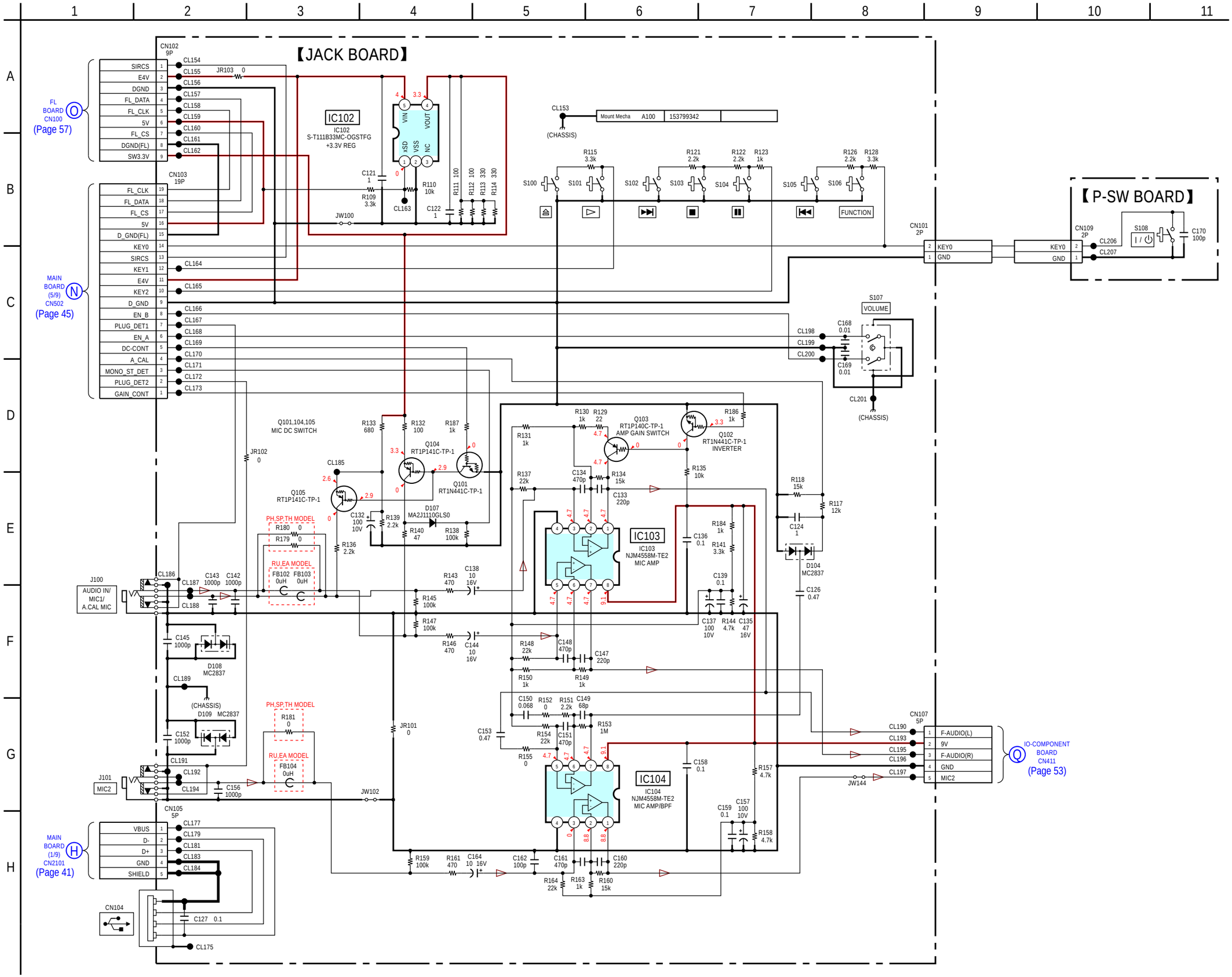


*1 R179 (PH, SP, TH model)
FB102 (RU, EA model)
*2 R180 (PH, SP, TH model)
FB103 (RU, EA model)
*3 R181 (PH, SP, TH model)
FB104 (RU, EA model)

- **Semiconductor Location**

Ref. No.	Location
D104	C-10
D107	B-8
D108	C-5
D109	C-5
IC102	B-12
IC103	B-5
IC104	B-3
Q101	C-7
Q102	B-5
Q103	B-5
Q104	B-7
Q105	C-7

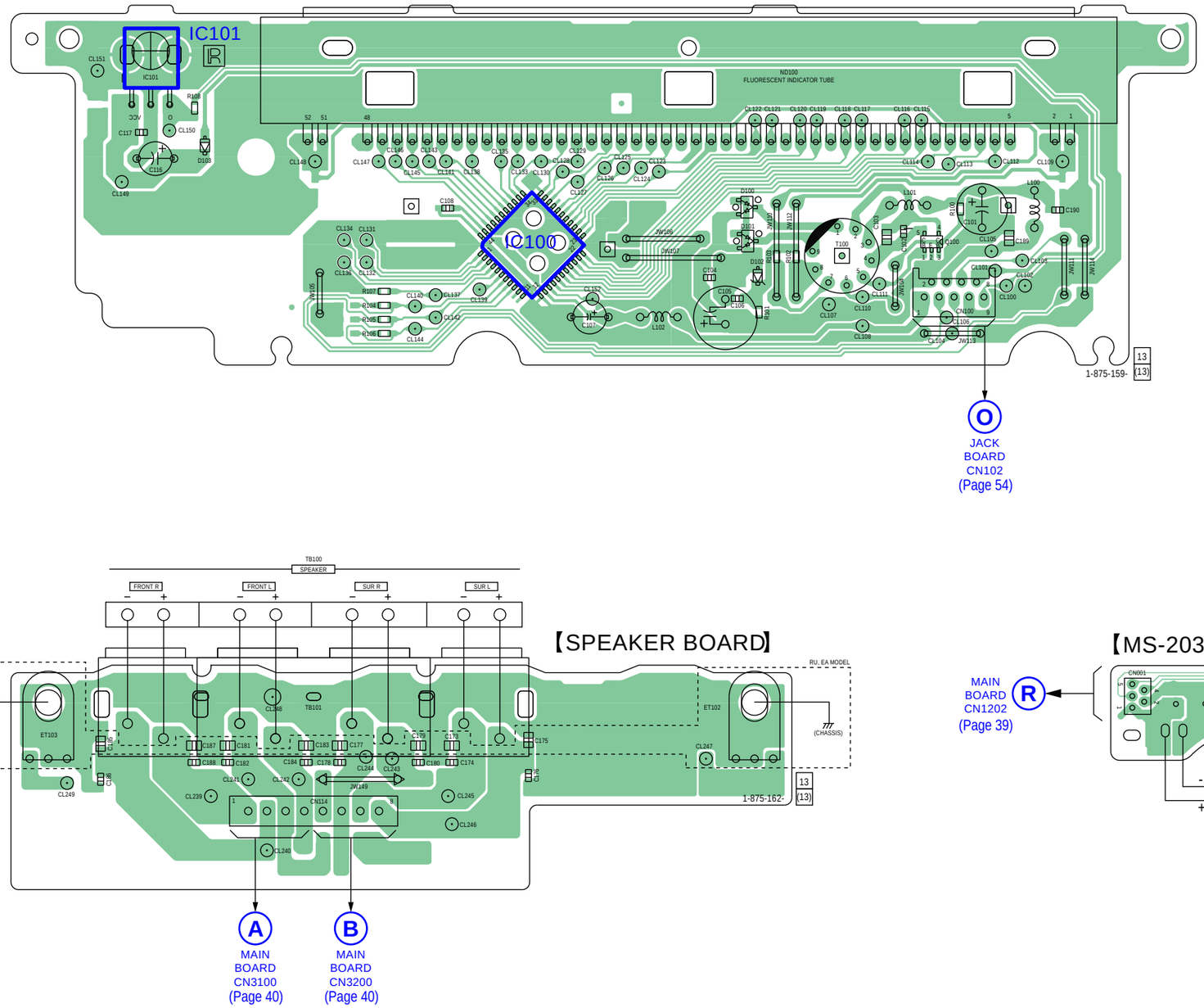
6-23. SCHEMATIC DIAGRAM – JACK, P-SW Board –



6-24. PRINTED WIRING BOARDS – FL, MS-203, SPEAKER Board –

• See page 31 for Circuit Boards Location. • : Uses unleaded solder.

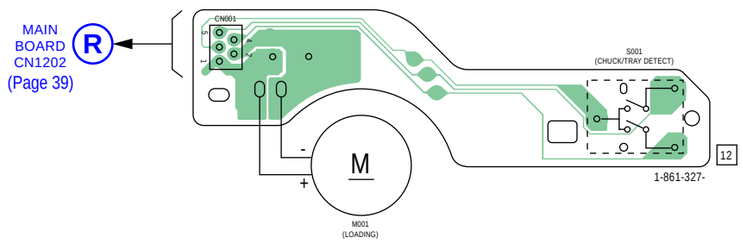
【FL BOARD】



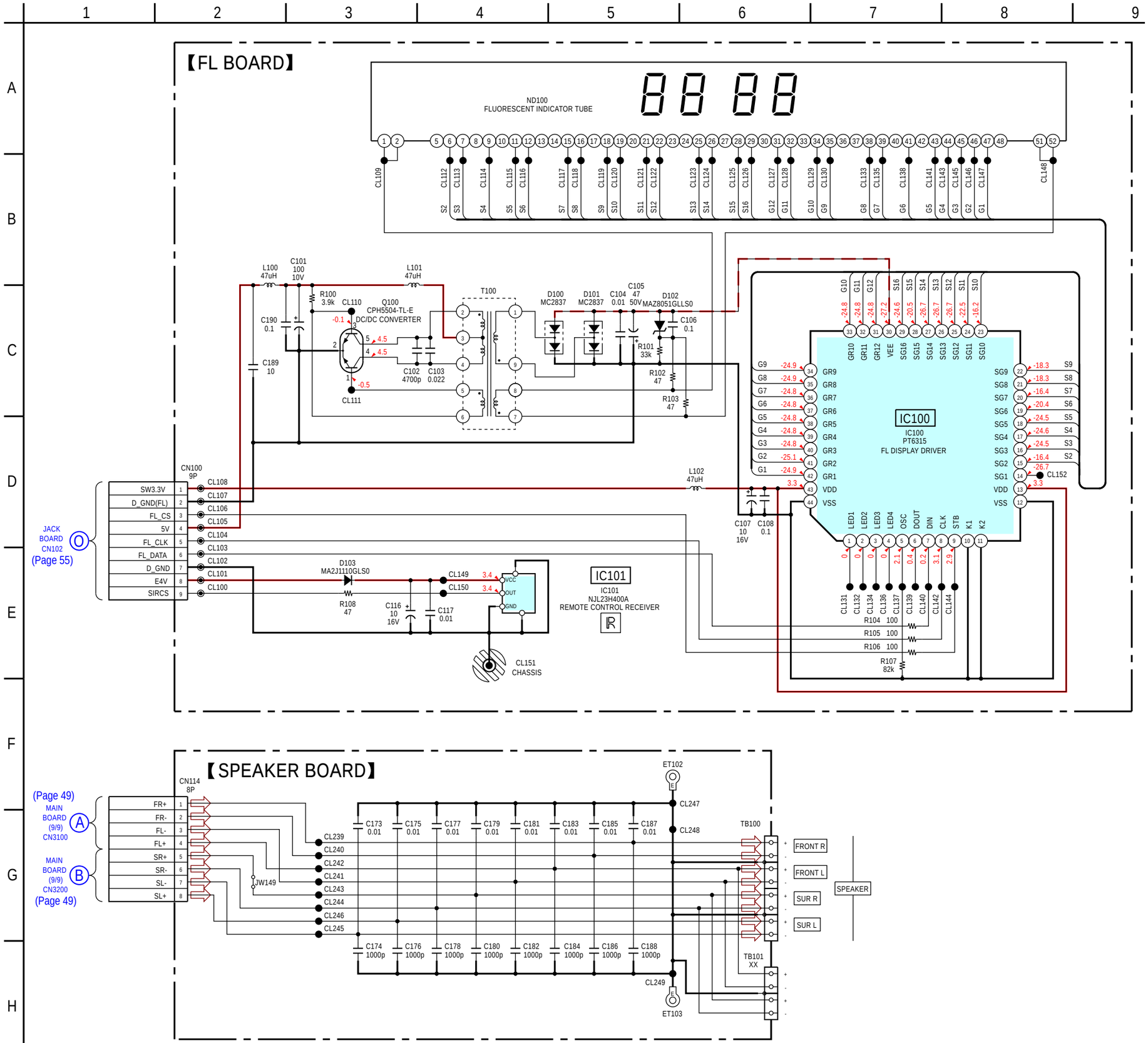
- **Semiconductor Location**

Ref. No.	Location
D100	C-7
D101	C-7
D102	C-7
D103	B-3
IC100	C-5
IC101	B-3
Q100	C-8

【MS-203 BOARD】



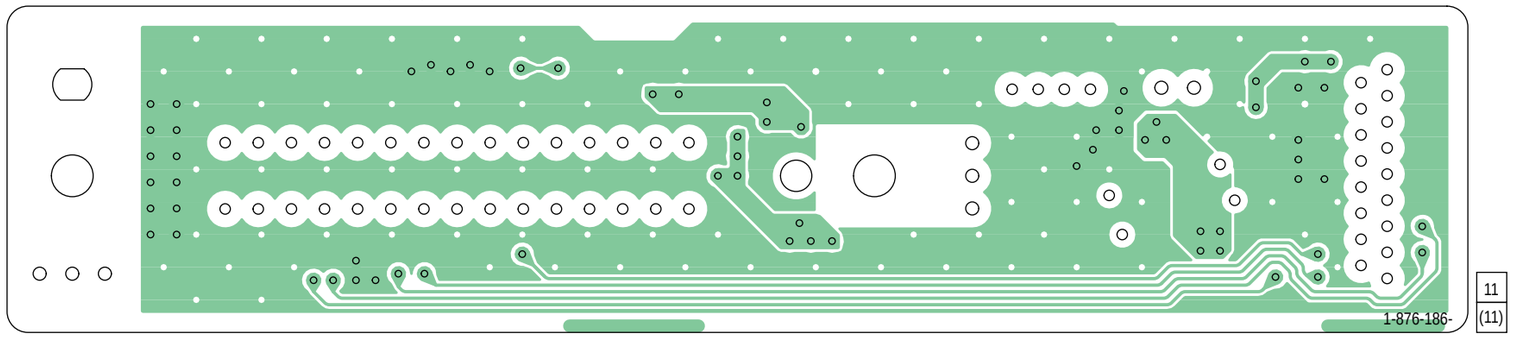
6-25. SCHEMATIC DIAGRAM – FL, SPEAKER Board –



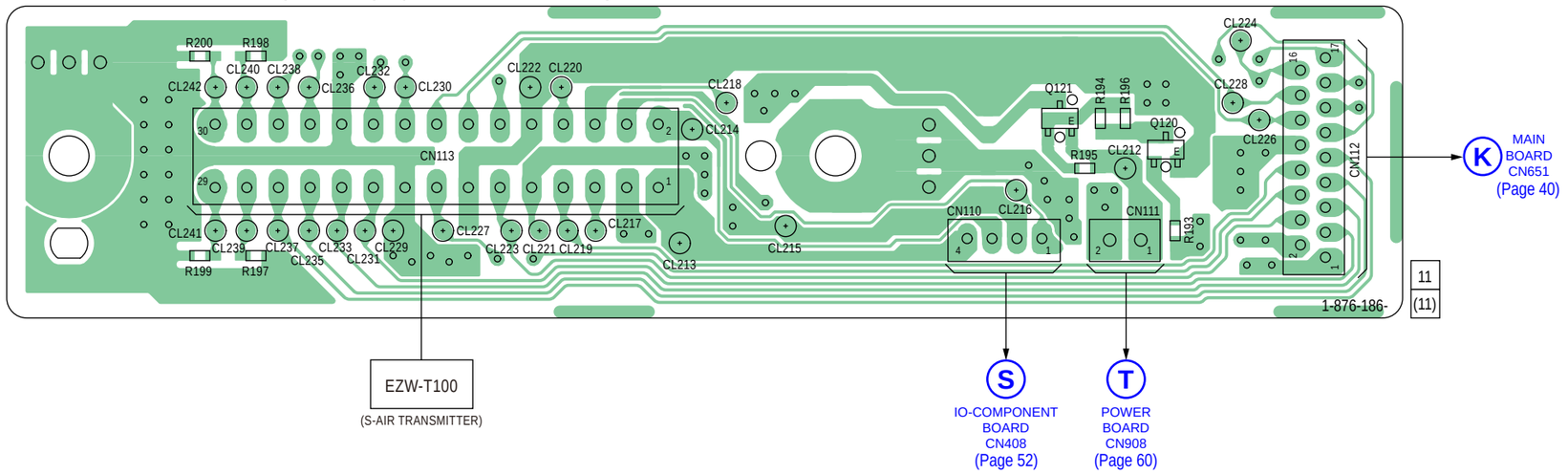
6-26. PRINTED WIRING BOARD – S-AIR-CON Board (DZ570K/DZ777K) –

• See page 31 for Circuit Boards Location. • : Uses unleaded solder.

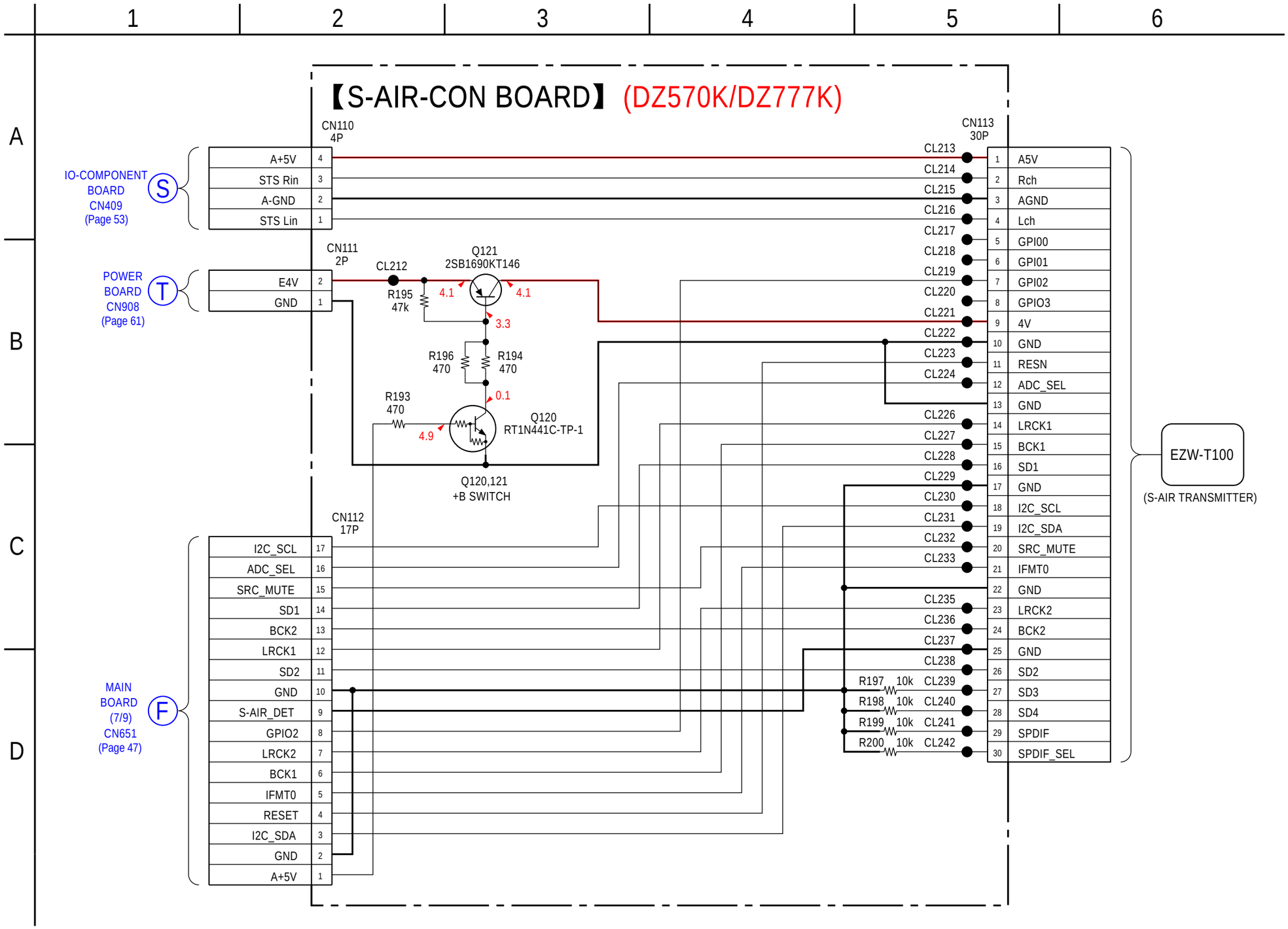
【S-AIR-CON BOARD】(SIDE A) (DZ570K/DZ777K)



【S-AIR-CON BOARD】(SIDE B) (DZ570K/DZ777K)

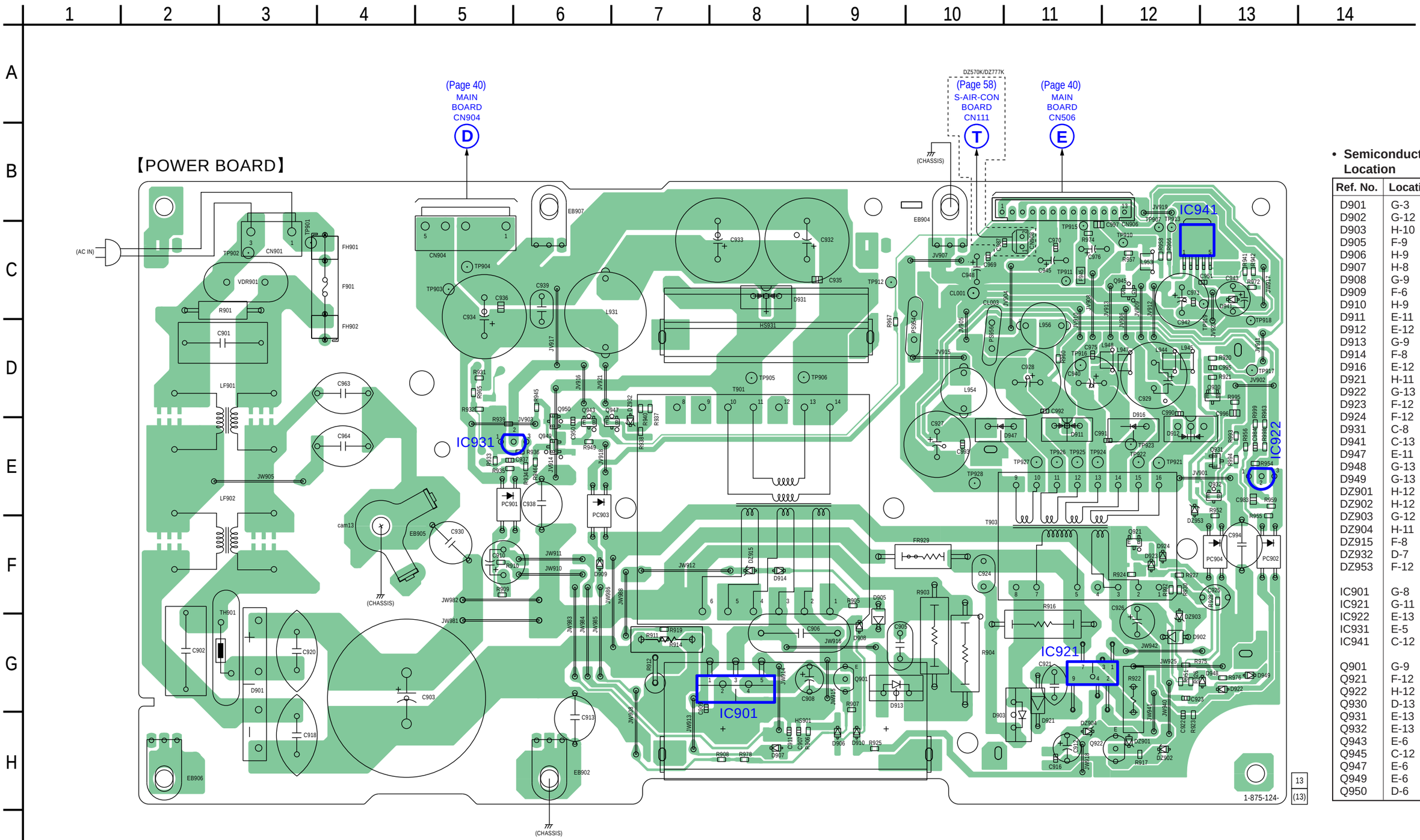


6-27. SCHEMATIC DIAGRAM – S-AIR-CON Board (DZ570K/DZ777K) –



6-28. PRINTED WIRING BOARD – POWER Board –

• See page 31 for Circuit Boards Location. • : Uses unleaded solder.

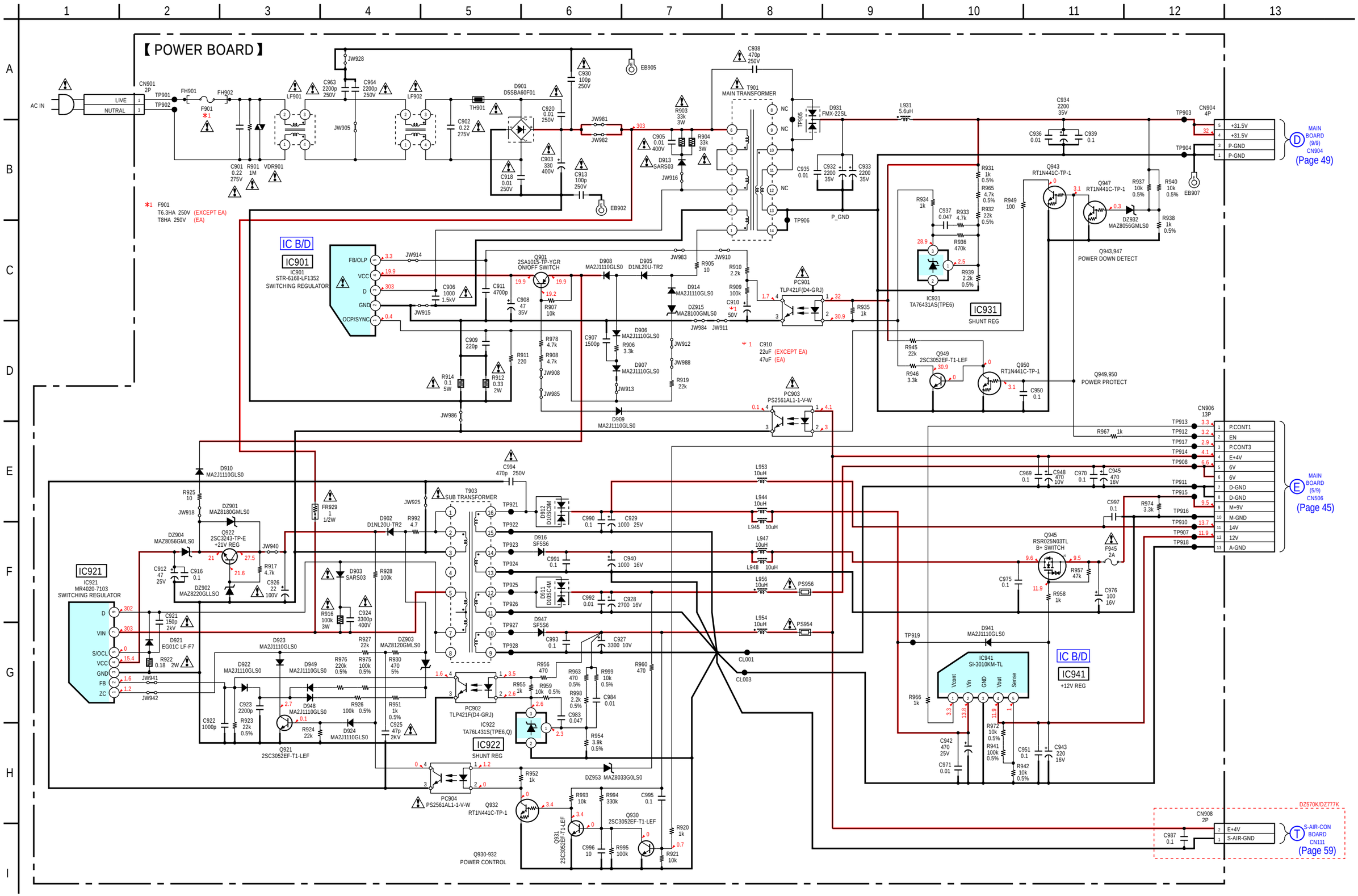


- **Semiconductor Location**

Ref. No.	Location
D901	G-3
D902	G-12
D903	H-10
D905	F-9
D906	H-9
D907	H-8
D908	G-9
D909	F-6
D910	H-9
D911	E-11
D912	E-12
D913	G-9
D914	F-8
D916	E-12
D921	H-11
D922	G-13
D923	F-12
D924	F-12
D931	C-8
D941	C-13
D947	E-11
D948	G-13
D949	G-13
DZ901	H-12
DZ902	H-12
DZ903	G-12
DZ904	H-11
DZ915	F-8
DZ932	D-7
DZ953	F-12
IC901	G-8
IC921	G-11
IC922	E-13
IC931	E-5
IC941	C-12
Q901	G-9
Q921	F-12
Q922	H-12
Q930	D-13
Q931	E-13
Q932	E-13
Q943	E-6
Q945	C-12
Q947	E-6
Q949	E-6
Q950	D-6

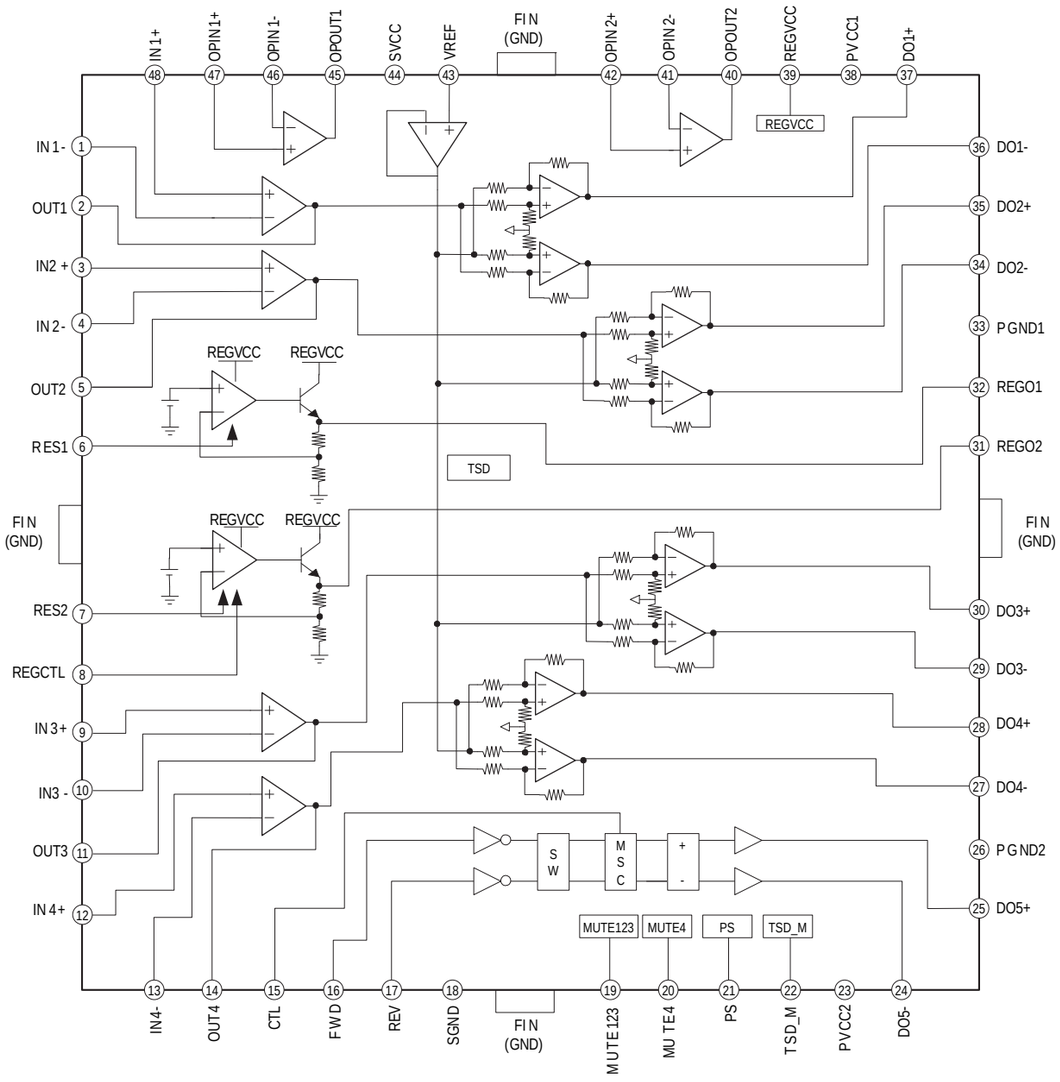
6-29. SCHEMATIC DIAGRAM – POWER Board –

• See page 67 for IC Block Diagrams.

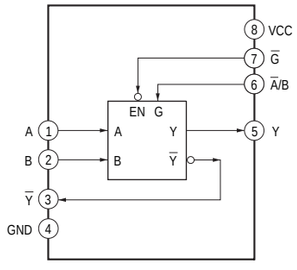


- **IC Block Diagrams**

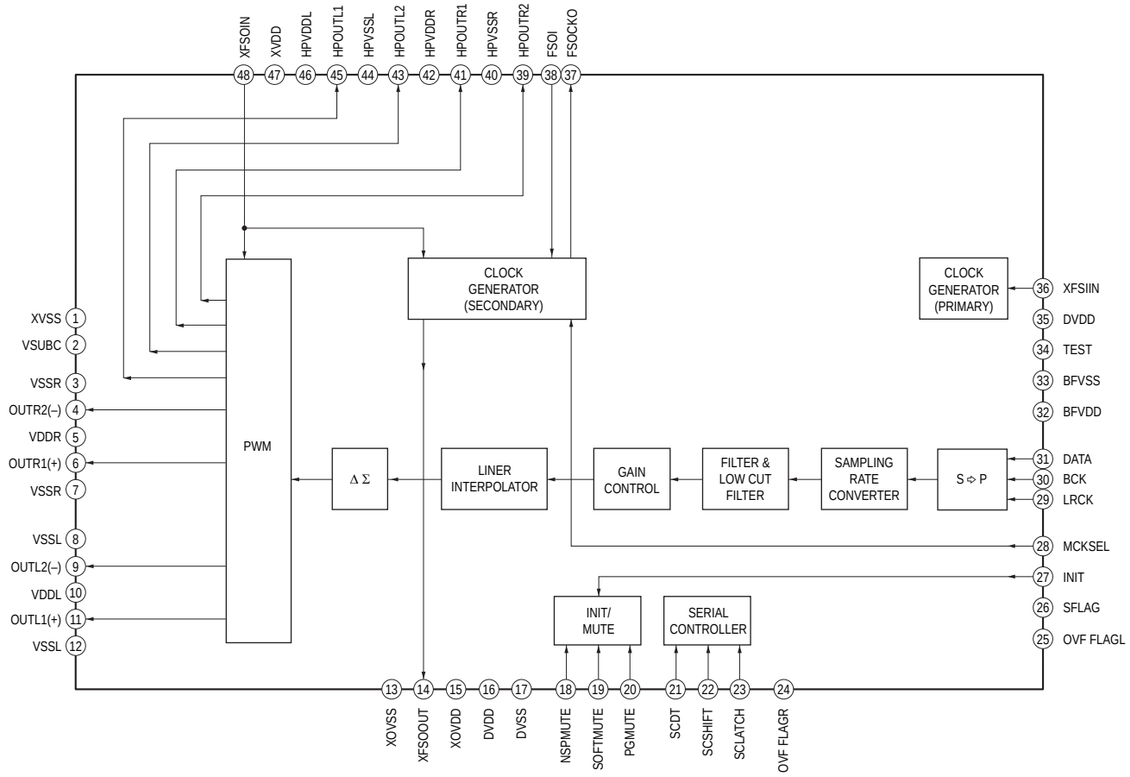
IC1201 FAN8036L (MAIN Board (4/9))



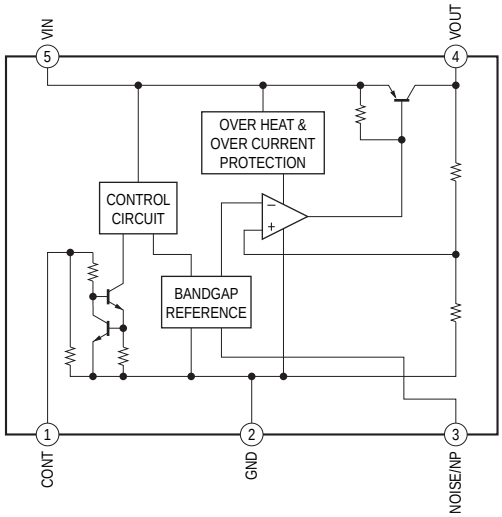
IC3003 TC7WH157FK(TE85R) (MAIN Board (7/9))



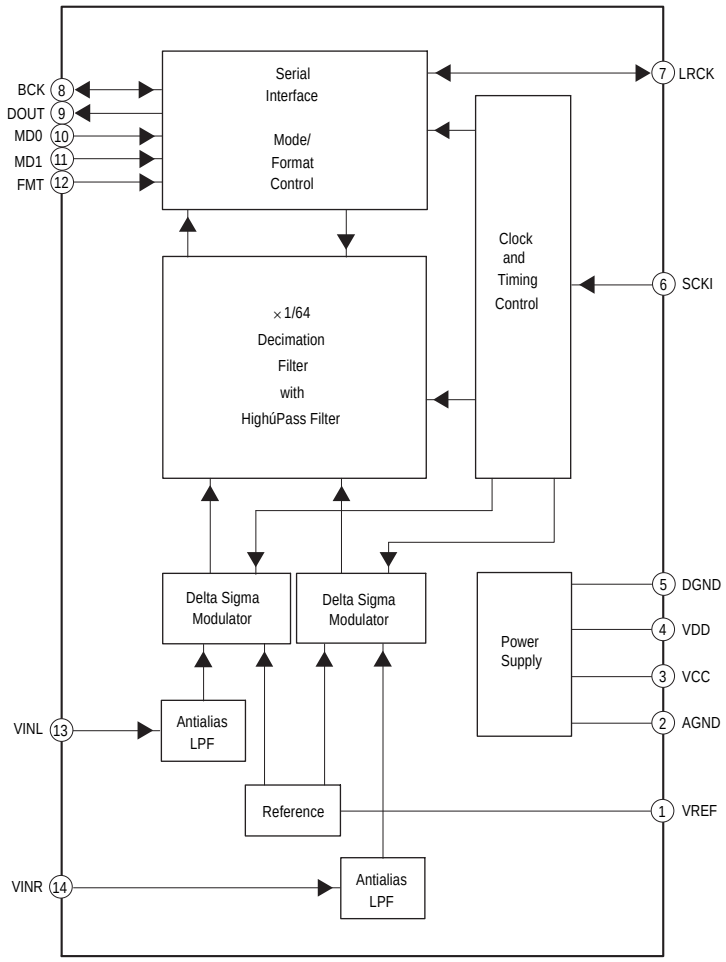
IC3010 CDX9788AR (MAIN Board (9/9))
IC3020 CDX9788AR (MAIN Board (9/9))
IC3030 CDX9788AR (MAIN Board (8/9))



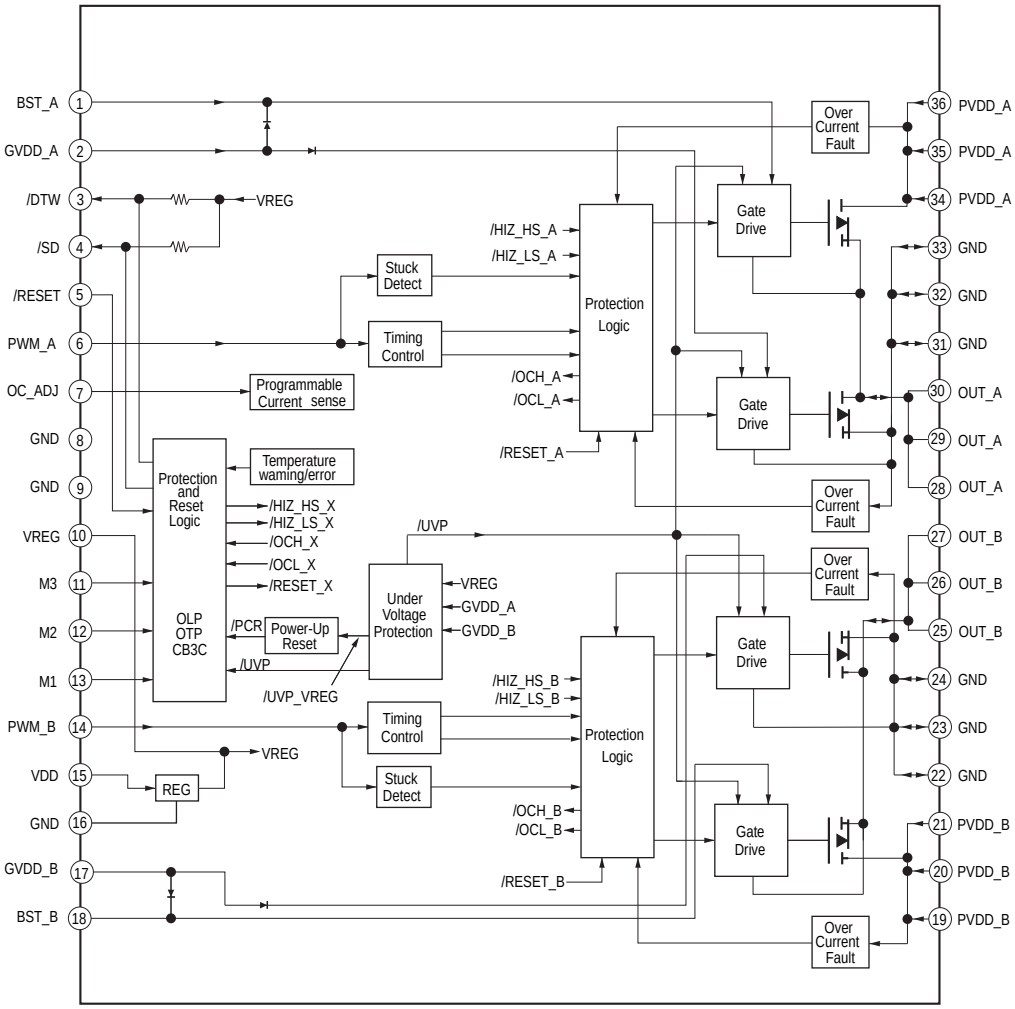
IC507 TK11150CSCL-G (MAIN Board (5/9))
IC1105 TK11133CSCL-G (MAIN Board (1/9))
IC1107 TK11133CSCL-G (MAIN Board (1/9))
IC1707 TK11150CSCL-G (MAIN Board (3/9))
IC1708 TK11133CSCL-G (MAIN Board (3/9))
IC3050 TK11118CSCL-G (MAIN Board (9/9))



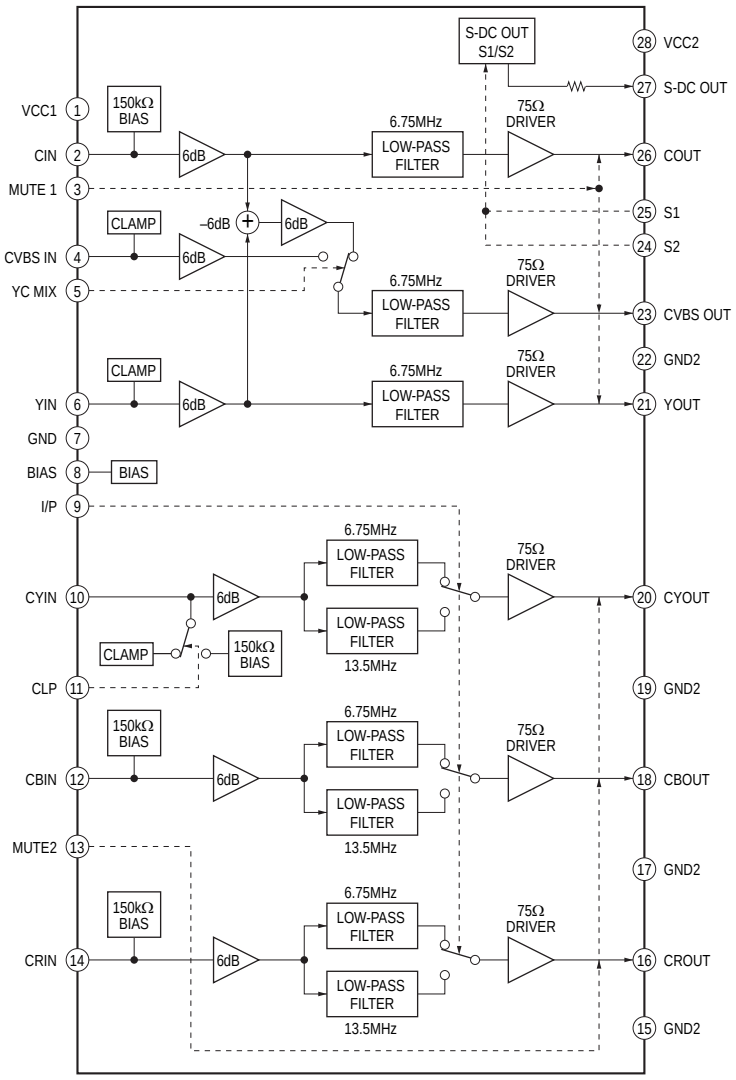
IC707 PCM1808PWR (MAIN Board (7/9))



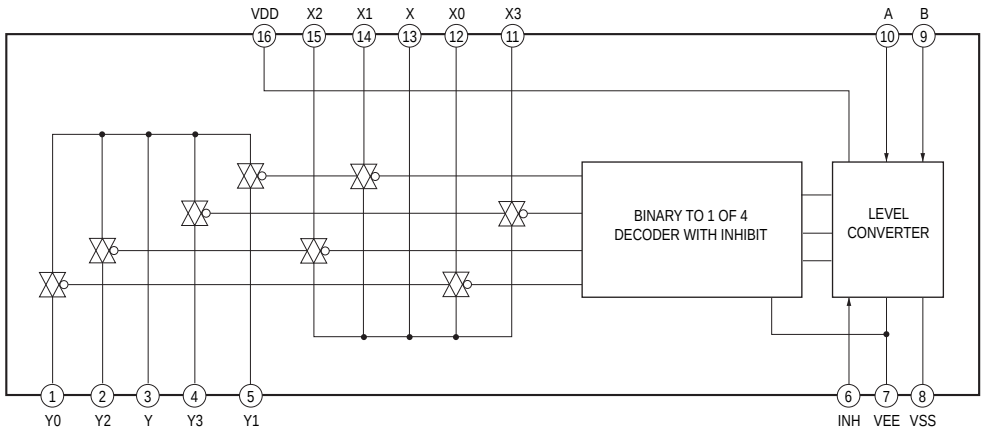
IC3100 CXD9883M (MAIN Board (9/9))
IC3150 CXD9883M (MAIN Board (9/9))
IC3200 CXD9883M (MAIN Board (9/9))
IC3250 CXD9883M (MAIN Board (9/9))
IC3300 CXD9883M (MAIN Board (8/9))
IC3400 CXD9883M (MAIN Board (8/9))
IC3500 CXD9883M (MAIN Board (8/9)) (DZ777K)



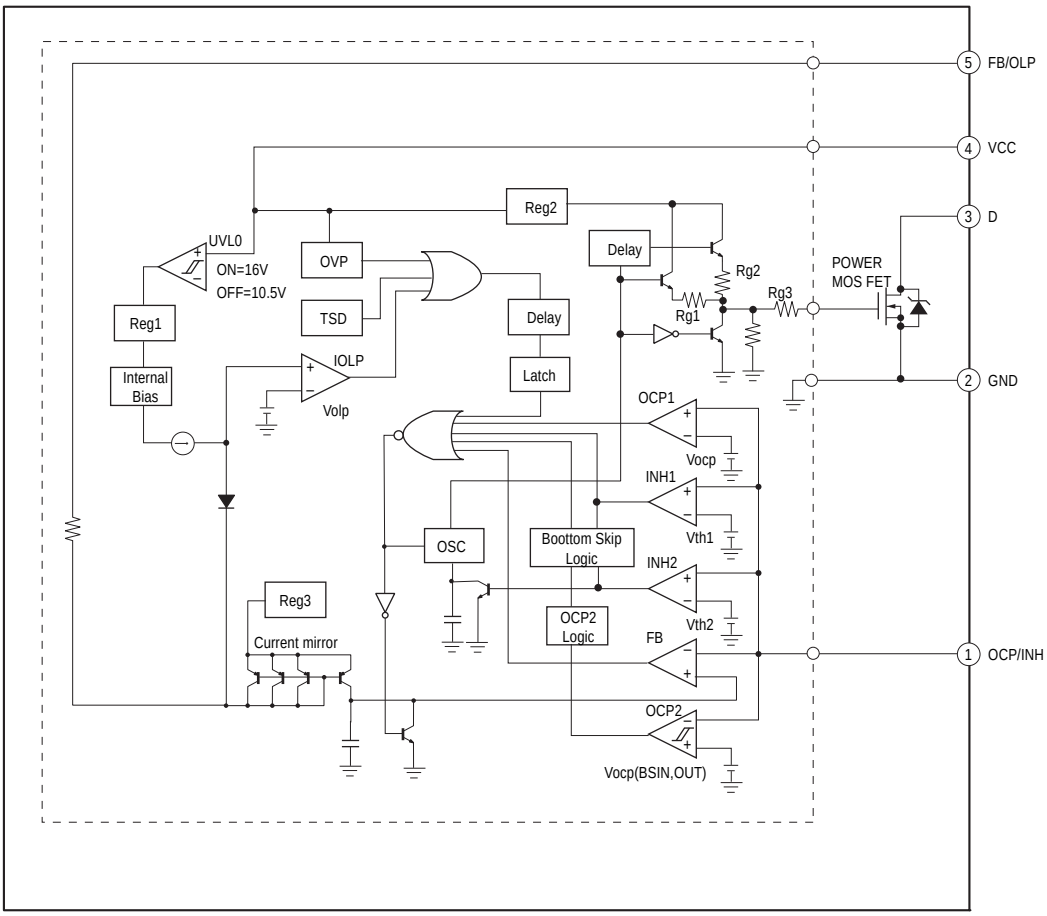
IC404 MM1758AFBE (IO-COMPONENT Board)



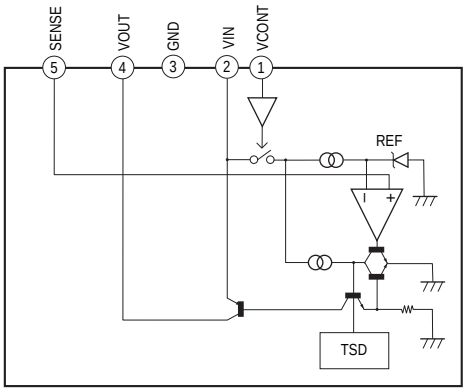
IC407 MC14052BDR2 (IO-COMPONENT Board) (DZ570K/DZ777K)
IC409 MC14052BDR2 (IO-COMPONENT Board) (DZ570K/DZ777K)
IC411 MC14052BDR2 (IO-COMPONENT Board)



IC901 STR-F6138-LF1352 (POWER Board)



IC941 SI-3010KM-TL (POWER Board)
IC201 SI-3010KM-TL (MAIN Board (6/9)) (DZ570K/DZ777K)
IC504 SI-3010KM-TL (MAIN Board (5/9))
IC505 SI-3010KM-TL (MAIN Board (5/9))
IC506 SI-3010KM-TL (MAIN Board (5/9))



• IC Pin Function Description

MAIN BOARD (2/9) IC1101 CXD9917R

(CD/DVD RF AMP, FOCUS/TRACKING ERROR AMP, DVD SYSTEM CONTROL, DIGTAL SERVO PROCESSOR, SCORE/ USB CONTROL)

Pin No.	Pin Name	I/O	Description
1	OSN	—	RF offset cancellation capacitor connecting terminal
2	RFGC	I	RF AGC loop capacitor connecting terminal
3	IREF	I	Current reference setting terminal
4	AVDD3	—	Power supply (VDD3.3V)
5	AGND	—	Ground
6	DVDA	I	AC coupled input path A
7	DVDB	I	AC coupled input path B
8	DVDC	I	AC coupled input path C
9	DVDD	I	AC coupled input path D
10	DVDRFIP	I	DC coupled DVD RF signal input RFIP
11	MA	I	DC coupled main-beam RF signal input A
12	MB	I	DC coupled main-beam RF signal input B
13	MC	I	DC coupled main-beam RF signal input C
14	MD	I	DC coupled main-beam RF signal input D
15	SA	—	Not used (Open)
16	SB	—	Not used (Open)
17	TNI	I	DC coupled main-beam RF signal input E
18	TPI	I	DC coupled main-beam RF signal input F
19	MDI1	I	Laser power monitor input
20	MDI2	I	Laser power monitor input
21	LDO2	O	Laser diode (DVD) drive signal output
22	LDO1	O	Laser diode (CD) drive signal output
23	SVDD3	—	Power supply (RF+3.3V)
24	CSO	O	Not used (Open)
25	RFLVL	O	RFRP low pass output
26	SGND	—	Ground
27	V2REFO	O	Reference voltage (2.8V) output
28	V20	O	Reference voltage (2.0V) output
29	VREFO	O	Reference voltage (1.4V) output
30	FEO	O	Focus error monitor output
31	TEO	O	Tracking error monitor output
32	TEZISLV	O	TE Slicing Level input
33	OP_OUT	O	Op amp output
34	OP_INN	I	Op amp negative input
35	OP_INP	I	Spindle feedback signal input
36	DMO	O	Disc motor control PWM output
37	FMO	O	Feed motor control PWM output
38	TROPENPWM	O	Tray PWM output/Tray open output
39	IOPMON	I	Iop Monitor input
40	TRO	O	Tracking servo control signal output
41	FOO	O	Focus servo control signal output
42	AGND18	—	Ground
43	AVDD18	—	Power supply (+1.8V)
44	USB_DP	I/O	USB port serial data input/output
45	USBDM	I/O	USB port serial data input/output
46	USB_VDD3	—	USB power supply (+3.3V)
47	USB_VSS	—	USB ground
48	PAD_VRT	—	Not used
49	USB_VDD18	—	Power supply (+1.8V)
50	USB_VSS	I	Ground
51	DIR_ERROR/NC	I	DIR PLL error signal input
52	DIR_AUDIO/NC	I	DIR audio signal input (Not used in this set)

Pin No.	Pin Name	I/O	Description
53	LIMITSW	I	LIMIT SW signal input
54	MSW	O	DVD/CD PD –VR select signal output
55	DVDD18	—	Power supply (+1.8V)
56 to 62	HA2 to HA8	O	Flash ROM address bus A2 to A8 output
63, 64	HA18, HA19	O	Flash ROM address bus A18, A19 output
65	DVDD3	—	Power supply (+3.3V)
66	XWR	O	Flash ROM write signal output
67 to 74	HA16 to HA9	O	Flash ROM address bus A16 to A9 output
75	HA20		Flash ROM address bus A20 output
76	XROMCS	O	Flash ROM chip select signal output
77	HA1	O	Flash ROM address bus A1 output
78	XRD	O	Flash ROM read signal output
79, 80	HD0, HD1	I/O	Flash ROM data bus D0, D1 input/output
81	DVSS	—	Ground terminal
82 to 86	HD2 to HD6	I/O	Flash ROM data bus D2 to D6 input/output
87	HA21	I/O	Flash ROM data bus D21 input/output
88	RESERVED	—	Not used (Open)
89	HD7	I/O	Flash ROM data bus D7 input/output
90	DVSS	—	Ground terminal
91, 92	HA17, HA0	O	Flash ROM address bus A17, A0 output
93	DVDD18	O	Flash ROM data bus D18 input/output
94	FWR	O	Loading motor control (FWR) signal output
95	REV	O	Loading motor control (REV) signal output
96	DVDD3	—	Power supply (+3.3V)
97	IFSDO	O	CPU I/F serial data output
98	IFCK	O	CPU I/F serial clock output
99	xIFCS	O	CPU I/F chip select output
100	IFSDI	I	CPU I/F serial data input
101	SCL	O	EEPROM serial clock output
102	SDA	I/O	EEPROM serial data input/output
103	CKSW	I	Chuck/Tray detect switch signal input
104	OCSW	I	Chuck/Tray detect switch signal input
105	RXD	I	RXD signal input from Jig
106	TXD	O	TXD signal output to Jig
107	ICE	O	Not used (Open)
108	xSYSRST	I	System reset signal input
109	RESERVED	I	Not used (Open)
110	xIFBSY	I	Busy signal input from CPU I/F
111	DQM0	O	SDRAM lower byte mask signal output
112	EEWP	I	EEPROM ready/Busy wake up signal input
113 to 117	RD7 to 3	I/O	SDROM data bus D7 to D3 input/output
118	DVDD3	—	Power supply (+3.3V)
119 to 121	RD2 to RD0	I/O	SDROM data bus D2 to D0 input/output
122 to 129	RD15 to RD8	I/O	SDROM data bus D15 to D8 input/output
130	TSD_M	I	TSD signal input
131	DVDD3	—	Power supply (+3.3V)
132	DQM1	O	SDRAM lower byte mask signal output
133	_RWE	O	SDRAM write enable signal output
134	_CAS	O	SDRAM column address strobe signal output
135	_RAS	O	SDRAM row address strobe signal output
136	_RCS	O	SDRAM chip select signal output
137, 138	BA0, BA1	O	SDRAM bank address 0, 1 output
139	RA10	O	SDRAM address bus A10 output
140, 141	RA0, RA1	O	SDRAM address bus A0, A1 output
142	DVDD18	—	Power supply (+1.8V)
143, 144	RA2, RA3	O	SDRAM address bus A0, A3 output

Pin No.	Pin Name	I/O	Description
145	DVDD3	—	Power supply (+3.3V)
146	DRCLK	O	SDRAM clock output
147	CKE	O	SDRAM clock enable signal output
148	DVSS	—	Ground terminal
149	RA11	O	SDRAM address bus A11 output
150 to 155	RA9 to RA4	O	SDRAM address bus A9 to A4 output
156	DVDD3	—	Power supply (+3.3V)
157	MUTE123	O	Mute signal output for Focus/Tracking/Sledding
158	MUTE	O	Mute signal output for Spindle motor
159	DDC_DA	I/O	HDMI DDC line data input/output
160	DVDD18	—	Power supply (+1.8V)
161	DDC_CLK	I/O	HDMI DDC line clock input/output
162	HIPLG	I	HDMI HPD signal input
163	AGND3	—	Ground
164	EXT_RES	I	Ext. resistor connected terminal
165, 166	AVDD3	—	Power supply (+3.3V)
167	EXT_CAP	I	Ext. capacitor connected terminal
168, 169	AGND3, AGND18	—	Ground
170	TXCN	O	HDMI TXD-clock output
171	TXCP	O	HDMI TXD-clock output
172	AVDD18	—	Power supply (+1.8V)
173	TX0N	O	HDMI TXD-0 output
174	TX0P	O	HDMI TXD-0 output
175	AGND18	—	Power supply (+1.8V)
176	TX1N	O	HDMI TXD-1 output
177	TX1P	O	HDMI TXD-1 output
178	AVD18	—	Power supply (+1.8V)
179	TX2N	O	HDMI TXD-2 output
180	TX2P	O	HDMI TXD-2 output
181	AGND18	—	Power supply (+1.8V)
182	R/Cr/Pr	O	Video chroma R/Cr/Pr signal output
183	B/Cb/Pb	O	Video chroma B/Cb/Pb signal output
184	DACVSSA	—	Ground
185	Y/G	O	Video Y/chroma G signal output
186	DACVDDA	—	Power supply (+3.3V)
187	CVBS	O	Video Composite signal output (Not used in this set) (Open)
188	DACVSSB	—	Ground
189	C	O	Video chroma signal output
190	DACVDDB	—	Power supply (+3.3V)
191	Y	O	Video Y signal output
192	DACVSSC	—	Ground
193	FS	I	Full Scale Adjustment setting terminal
194	VREF	I	Reference Voltage input terminal
195	DACVDDC	—	Power supply (+3.3V)
196	VBUS_OE	O	VBUS power control signal output
197	VBUS_OC	I	VBUS detect signal input
198	SCORE/DIR_XSTATE	I	Score signal input
199	SPMCK	I	DIR MCK clock input (Not used in this set)
200	SPBCK	I	DIR BCK clock input (Not used in this set)
201	SPLRCK	I	DIR LRCK clock input (Not used in this set)
202	ADIN (SPDATA)	I	Audio digital data input (Not used in this set)
203	ACLK	O	A/D converter and DAMP clock output
204	ABCK	O	A/D converter and DAMP BCK clock output
205	ALRCK	O	A/D converter and DAMP LRCK clock output
206	MC_DATA (ADIN)	I	A/D converter data input
207	DVDD3	—	Power supply (+3.3V)

Pin No.	Pin Name	I/O	Description
208	MIC	O	MIC plug in detect signal input
209	WIDE	O	WIDE select signal output (Not used in this set) (Open)
210	RGB_SEL/DSEL	O	Video output select signal output (Not used in this set) (Open)
211	TRG_SW	I	Not used (Pull up)
212	DVDD18	—	Power supply (+1.8V)
213	KMOD	O	Not used (Open)
214	XVOICE/DIR_CSFLAG	I	VOICE signal input
215	SPDIF	O	Not used (Open)
216	APLLVDD3	—	Power supply (+3.3V)
217	APLLCAP	—	Ext capacitor connected terminal
218	APLLVSS	—	Ground
219	ADACVSS2	—	Ground
220	ADACVSS1	—	Ground
221	DIR_CE	O	DIR I/F chip select signal output (Not used in this set) (Open)
222	ASDATA3	O	Audio digital signal output to S-AIR
223	ASDATA2	O	Audio digital signal output to D-AMP
224	AVCM	—	Ext capacitor connected terminal
225	ASDATA1	O	Audio digital signal output to D-AMP
226	ASDATA0	O	Audio digital signal output to D-AMP
227	DIR_CL	O	DIR I/F clock output (Not used in this set) (Open)
228	ADACVDD1	—	Power supply (+3.3V)
229	ADACVDD2	—	Power supply (+3.3V)
230	Rt/DIR_DI	O	R-CH audio output
231	Lt/DIR_DO	O	L-CH audio output
232	ADACSS3	—	Ground
233	ADACVDD3	—	Power supply (+3.3V)
234	SADCVDD18	—	Power supply (+1.8V)
235	SADCVSS18	—	Ground
236	FGND18	—	Ground
237	RFVDD18	—	Power supply (+1.8V)
238	XTALO	O	Crystal output for main clock (27MHz)
239	XTALI	I	Crystal input for main clock (27MHz)
240	JITFO	O	The output terminal of RF jitter meter
241	JITFN	I	The input terminal of RF jitter meter
242	PLLVSS	—	Ground
243	PLLVDD3	—	Power supply (+3.3V)
244	LPFON	O	The negative output of loop filter amplifier
245	LPFIP	I	The positive input terminal of loop filter amplifier
246	LPFIN	I	The negative input terminal of loop filter amplifier
247	LPFOP	O	The positive output of loop filter amplifier
248	ADCVDD3	—	Power supply (+3.3V)
249	ADCVSS	—	Ground
250	RFVDD3	—	Power supply (+3.3V)
251	RFRPDC	O	RF ripple detect output
252	RFRPAC	I	RF ripple detect input (through AC-coupling)
253	HRFZC	I	High frequency RF ripple zero crossing
254	CRTPLP	O	Defect level filter capacitor connected terminal
255	RFGND18	—	Power supply (+3.3V)
256	OSP	O	RF offset cancellation capacitor connecting

MAIN BOARD (5/9) IC501 R5F3640DDFAR (SYSTEM CONTROL)

Pin No.	Pin Name	I/O	Description
1	DAMP_SCDT/DIR_DIN	O	D-AMP processor data output
2	DAMP_SHIFT/DIR_CLK	O	D-AMP processor clock output
3	CEC_RX_IN	I	CEC data input
4	SIRCS_IN	I	Sircs input
5	DSP_MOSI/ASEL4	O	Audio input select signal output.
6	DSP_MISO/ASEL5	O	Audio input select signal output.
7	DSP_SPICLK	O	Not used (Open)
8	BYTE	I	External data bus input. (Connected to ground)
9	CNVSS	I	Change processor mode input (L: Single chip mode)
10, 11	EN_A, EN_B	I	Volume pulse input for ENCODER
12	RESET	I	System reset signal input
13	XOUT	O	Crystal output for main clock (5MHz)
14	VSS	—	Ground
15	XIN	I	Crystal input for main clock (5MHz)
16	VCC	—	Power supply (BUP+3.3V)
17	NMI	I	Not used (Fixed to “H” (BUP+3.3V))
18	DIR_ZERO INT2	O	Not used (Open)
19	DIRCSFLAG INT3 /A.CAL_OUT_LEVEL	I	Out level detect for auto calibration input
20	AC_CUT INT0	I	AC-CUT detect signal input
21	FL_CLK/LED_CLK	O	FL and LED driver clock output
22	CEC_TX_OUT	O	CEC data output
23	FL_CS/STB	O	FL and LED driver chip select signal output
24	FL_D_OUT/LED_DATA	O	FL and LED driver data output
25	DIVER_RST_CS/ S-AIR_SRC_MUTE	O	Not used (Open)
26	MIC_GAIN	O	MIC gain control signal output
27	CDM_OPEN_SW/ XM_SEL	I	CDM open switch signal input
28	DC_CONT	O	A.CAL MIC DC control signal output
29	DMP_RX_IN	I	DMPORT data input
30	DMP_TX_OUT	O	DMPORT data output
31	DVD_SID	O	Serial data output to CDX9917R
32	DVD_SOD	I	Serial data input from CDX9917R
33	DVD_SCO	I	Serial clock input from CDX9917R
34	DVD_XIFBUSY	O	RTS signal output to CDX9917R
35	XM_TX_OUT/ MIC_DET_OUT	O	Not used (Open)
36	XM_RX_IN/KRMOD	I	Not used (Open)
37	DVD XIFCS	I	Chip select signal output from CXD9917R
38	MTK RST	O	System reset output
39	P_CONT1	O	Power control signal output
40	P_CONT2	O	Power control signal output
41	WRITE EMP P_CONT3	O	Power control signal output
42	DRIVE_RST(EN)	O	D-AMP driver reset signal output
43	SD(DIAG)/PVDD_DET	I	D-AMP driver shut down signal input
44	OVERFLOW1	I	D-AMP processor F/C/S over flow detect signal input
45	OVERFLOW2	I	D-AMP processor SW over flow detect signal input
46	WRITE CE	I	Not used (Fixed to “H” (+3.3V))
47	I2C_DATA	I/O	EEPROM I2C serial data input/output
48	I2C_CLK	I/O	EEPROM I2C serial clock input/output
49	DAMP LATCH3	O	D-AMP processor latch-3 signal output
50	DAMP INIT	O	D-AMP processor reset signal output
51	DAMP SOFT MUTE	O	D-AMP processor soft mute signal output

Pin No.	Pin Name	I/O	Description
52	M_ST	O	LINK (Multi STEREO) control signal output
53	HP_MUTE	O	Headphone mute signal output (Not used in this set)
54	S-AIR_ADC_SEL	O	S-AIR ADC selector signal output
55	MIC_CLK	O	MIC level control serial clock output
56	DAMP LATCH2	O	D-AMP processor latch-2 signal output
57	DC_DET	I	Speaker DC balance protect signal input
58	S-AIR_RST	O	S-AIR reset signal output
59	DIR_HCE	O	Not used (Open)
60	DIR_ERR	O	Not used (Open)
61	DIR_XSTATE	O	Not used (Open)
62	VCC	—	Power supply (BUP+3.3V)
63	HDMI_PCONT	O	HDMI hot plug power control signal output
64	VSS	—	Ground
65	DAMP LATCH1	O	D-AMP processor latch-1 signal output
66	JACK1/JACK2/ S-AIR_DET	I	MIC or S-AIR insert detect signal input
67	GPIO2	I	S-AIR interrupt signal input
68	TUNED	I	TUNER TUNED signal input
69	ST_CLK	O	TUNER clock output
70	ST_DO	I	TUNER data input
71	ST_CE	O	TUNER chip enable signal output
72	ST_DI	O	TUNER data output
73	DSP_INTR	O	Not used (Open)
74	INT4 KEY INT	I	Wake up signal input from function key
75	INT3 RDS_CLK/ LED_LAT	I	RDS clock input
76	RDS-DATA/ XM_RST(PCONT)	I	RDS data input
77	S-AIR I2C_SDA	I/O	I2C serial data input/output for S-AIR
78	S-AIR I2C_SCL	I/O	I2C serial clock input/output for S-AIR
79	DSP_SF_CE	O	Not used (Open)
80	2ND_XM_SEL/ TV_SEL/MIC_DATA	O	MIC level control serial data output
81	ASEL3/DSP_SPIDS/ XM_SRC_RST	O	Audio select signal output
82	V_SEL0	O	Video select signal output
83	V_SEL1	O	Video select signal output
84	IO_CE/ASEL0	O	Audio select signal output
85	IO_RESET/ASEL1	O	Audio select signal output
86	IO_DI/ASEL2	O	Audio select signal output
87	IO_DO/VSEL2	O	Video select signal output
88	IO_CLK	O	Not used (Open)
89	DMP_DET	I	DMPORT detect signal input
90	MONO/ST_DET	I	AUDIO IN jack MONO or STEREO detect signal input
91	A.CAL MIC LEVEL/ DSP_MASTER	I	MIC level detect signal input for auto calibration
92	DESTINATION	I	Destination select input
93	MODEL	I	Model select input
94	KEY2	I	Key input 2 input
95	KEY1	I	Key input 1 input
96	VSS	—	Ground
97	KEY0	I	Key input 0 input
98	VREF	—	Reference voltage (E3.3V)
99	VCC	—	Power supply (BUP+3.3V)
100	DIR_HDOUT	O	Not used (Pull up)

SECTION 7
EXPLODED VIEWS

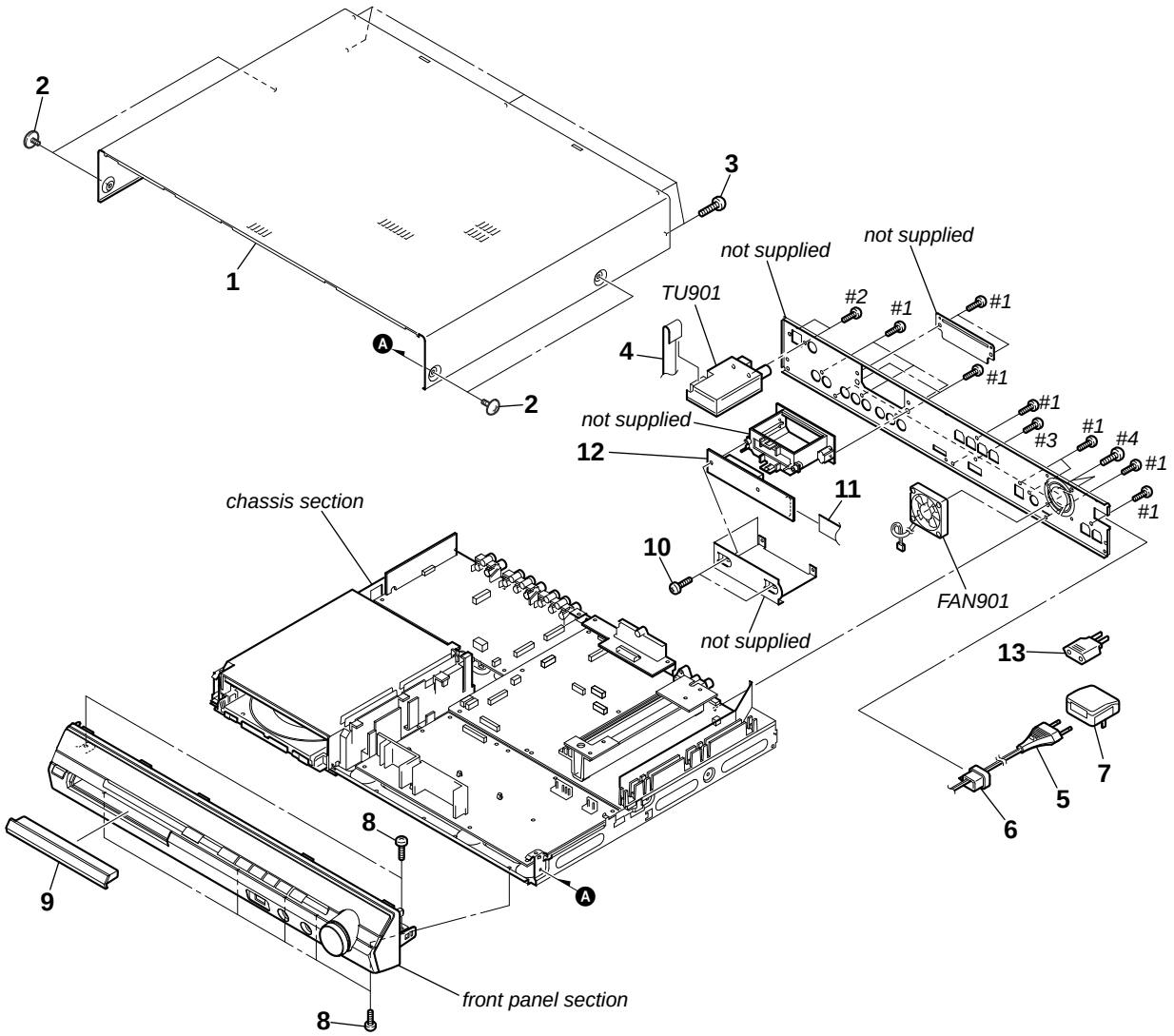
Note:

- -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.
- Abbreviation
  EA : Saudi Arabia model
  PH : Philippines model
  SP : Singapore model
  RU : Russian model
  TH : Thai model

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

The components identified by mark 🔒 contain confidential information.
Strictly follow the instructions whenever the components are repaired and/or replaced.

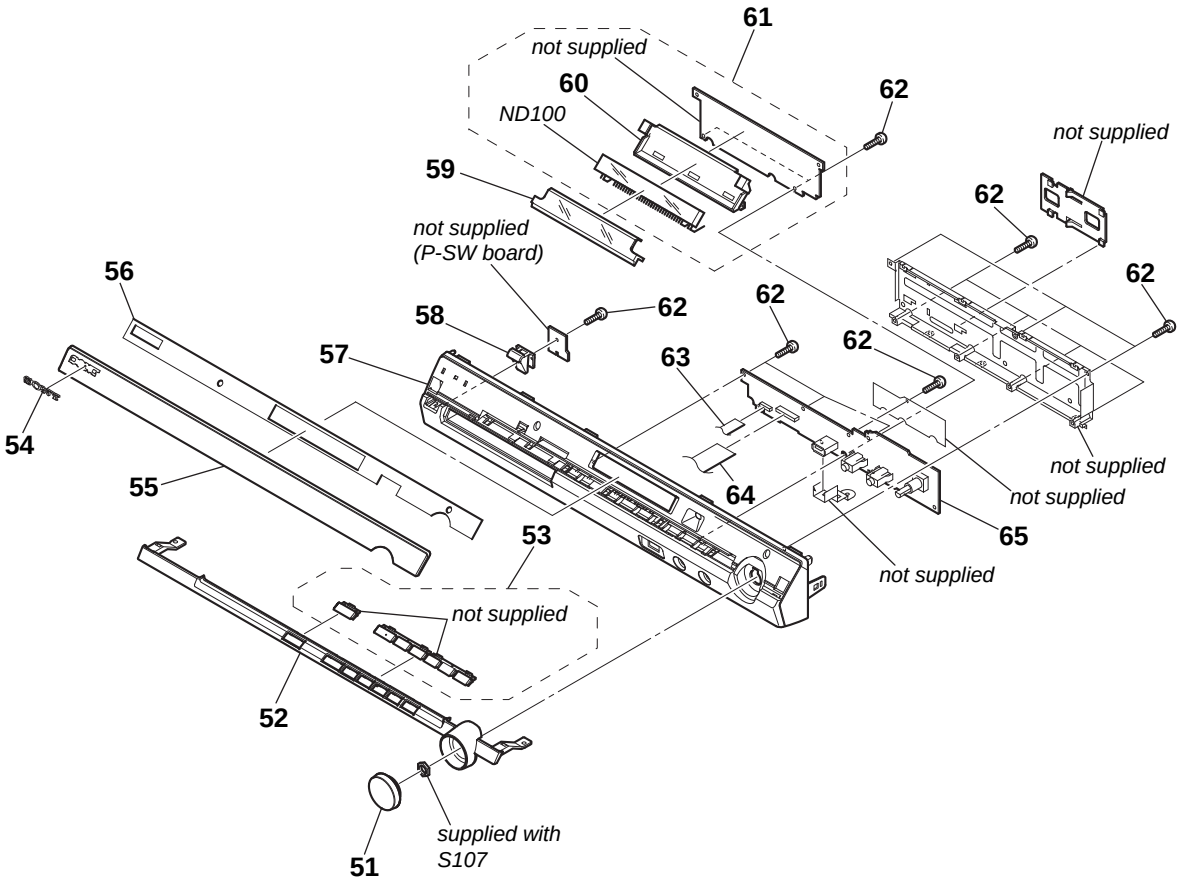
7-1. OVERALL SECTION



Ref. No.	Part No.	Description	Remark
1	3-273-758-01	CASE (DSR) (EXCEPT DZ266K)	
1	3-273-758-21	CASE (DSR) (DZ266K)	
2	3-363-099-22	SCREW (CASE 3 TP2) (EXCEPT DZ266K)	
2	3-363-099-51	SCREW (CASE 3 TP2) (DZ266K)	
3	3-704-515-32	SCREW (BV/RING)	
4	1-827-720-11	WIRE (FLAT TYPE) (11 CORE) (DZ265K/DZ266K)	
4	1-828-955-11	WIRE (FLAT TYPE) (9 CORE) (DZ270K/DZ570K/DZ777K)	
⚠ 5	1-834-288-11	CORD, POWER (TH)	
⚠ 5	1-834-966-21	CORD, POWER (EXCEPT TH)	
6	3-703-244-00	BUSHING (2104), CORD (EXCEPT TH)	
6	4-916-783-01	BUSHING, CORD (TH)	
⚠ 7	1-770-019-61	ADAPTOR, CONVERSION PLUG (EA)	
8	3-077-331-21	+BV 3 (3-CR)	
9	3-273-727-01	PANEL, LOADING (DSR) (EXCEPT DZ266K)	
9	3-273-727-11	PANEL, LOADING (DSR) (DZ266K)	
10	3-077-331-11	+BV 3 (3-CR)	
11	1-828-350-11	WIRE (FLAT TYPE) (17 CORE) (DZ570K/DZ777K)	
12	A-1438-875-A	S-AIR-CON BOARD, COMPLETE (DZ570K/DZ777K)	
⚠ 13	1-569-008-22	ADAPTOR, CONVERSION 2P (EA)	
FAN901	1-787-331-11	FAN, D.C.	
TU901	1-693-759-11	TUNER (FM/AM) (DZ265K/DZ266K)	
TU901	1-693-761-11	TUNER (FM/AM) (DZ270K/DZ570K/DZ777K)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
#2	7-685-871-01	SCREW +BVTT 3X6 (S)	
#3	7-682-547-04	SCREW +B 3X6	
#4	7-685-881-09	SCREW +BVTT 4X8 (S)	

Note: If the wire (flat type) was replaced, fold it some as the wire (flat type) before replacement.

7-2. FRONT PANEL SECTION

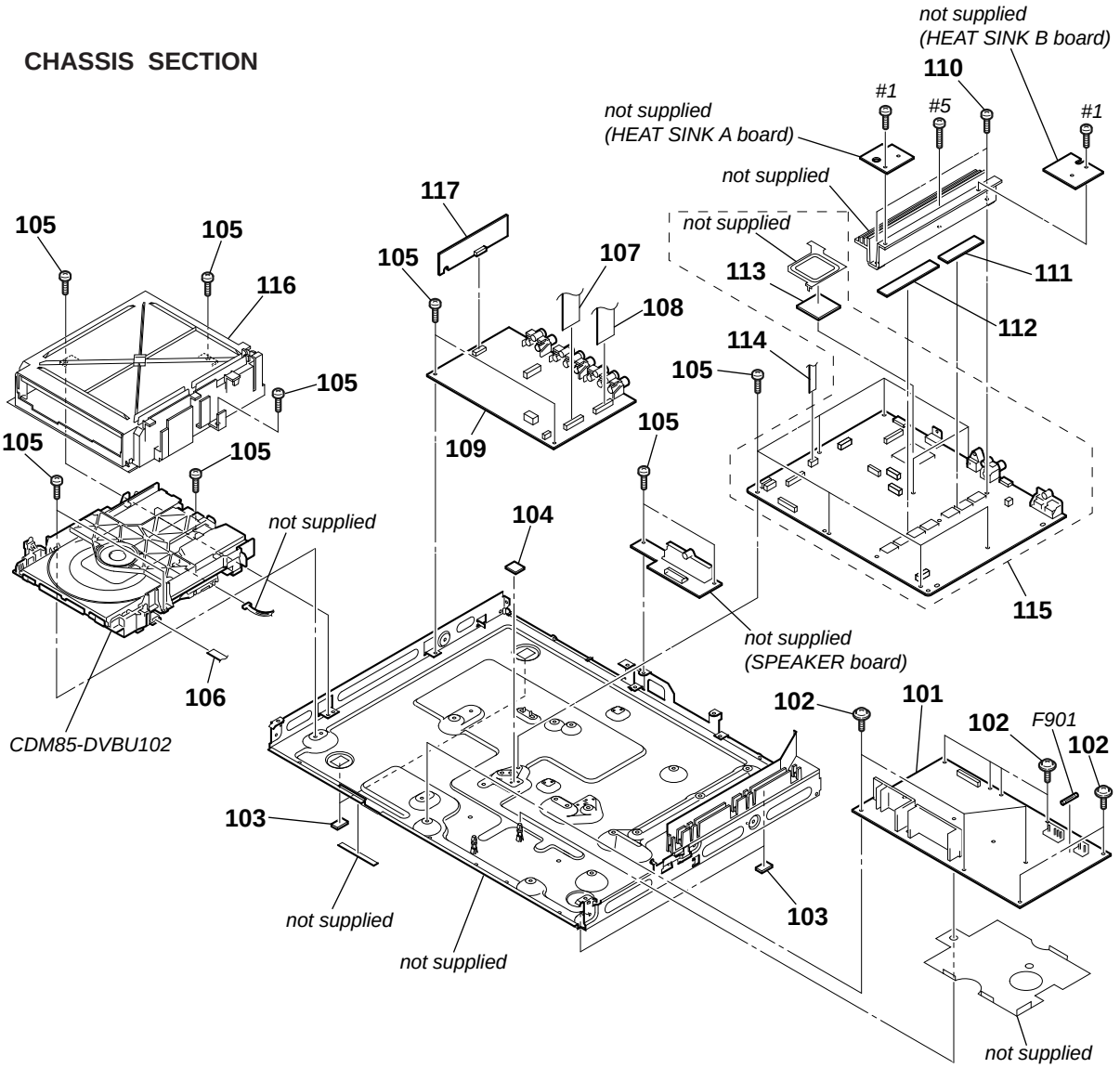


Ref. No.	Part No.	Description	Remark
51	2-889-990-01	KNOB (VOL)	
52	3-273-726-01	ORNAMENT (DSR) (EXCEPT DZ777K)	
52	3-273-726-11	ORNAMENT (DSR) (DZ777K)	
53	3-273-728-01	BUTTON (PLAY-SP) (EXCEPT DZ777K)	
53	3-273-729-02	BUTTON (PLAY) (DZ777K)	
54	3-943-995-01	EMBLEM (NO. 5), SONY	
55	3-273-724-21	WINDOW, INDICATION (DSR-1) (DZ270K)	
55	3-273-724-31	WINDOW, INDICATION (DSR-1) (DZ265K)	
55	3-273-724-61	WINDOW, INDICATION (DSR-1) (DZ570K)	
55	3-273-725-11	WINDOW, INDICATION (DSR-2) (DZ777K)	
55	3-298-415-11	WINDOW, INDICATION (DSR-3) (DZ266K)	
56	3-280-669-01	SHEET (DSR WINDOW), ADHESIVE	
57	3-273-722-42	PANEL (DSR-1), FRONT (DZ265K)	
57	3-273-722-51	PANEL (DSR-1), FRONT (DZ270K/DZ570K/DZ777K)	

Ref. No.	Part No.	Description	Remark
57	3-273-723-21	PANEL (DSR-1), FRONT (DZ266K)	
58	3-273-730-01	BUTTON (POWER-DSR) (EXCEPT DZ266K)	
58	3-273-730-11	BUTTON (POWER-DSR) (DZ266K)	
59	3-273-732-01	FILTER, COLOR	
60	3-273-731-01	HOLDER (FL)	
61	A-1382-431-A	FL BOARD, COMPLETE	
62	3-087-053-01	+BVTP 2.6 (3CR)	
63	1-828-307-11	WIRE (FLAT TYPE) (9 CORE)	
64	1-828-363-11	WIRE (FLAT TYPE) (19 CORE)	
65	A-1441-372-A	JACK BOARD, COMPLETE (RU,EA)	
65	A-1441-382-A	JACK BOARD, COMPLETE (PH,SP,TH)	
ND100	1-519-988-11	INDICATOR TUBE, FLUORESCENT	

Note: If the wire (flat type) was replaced, fold it some as the wire (flat type) before replacement.

7-3. CHASSIS SECTION

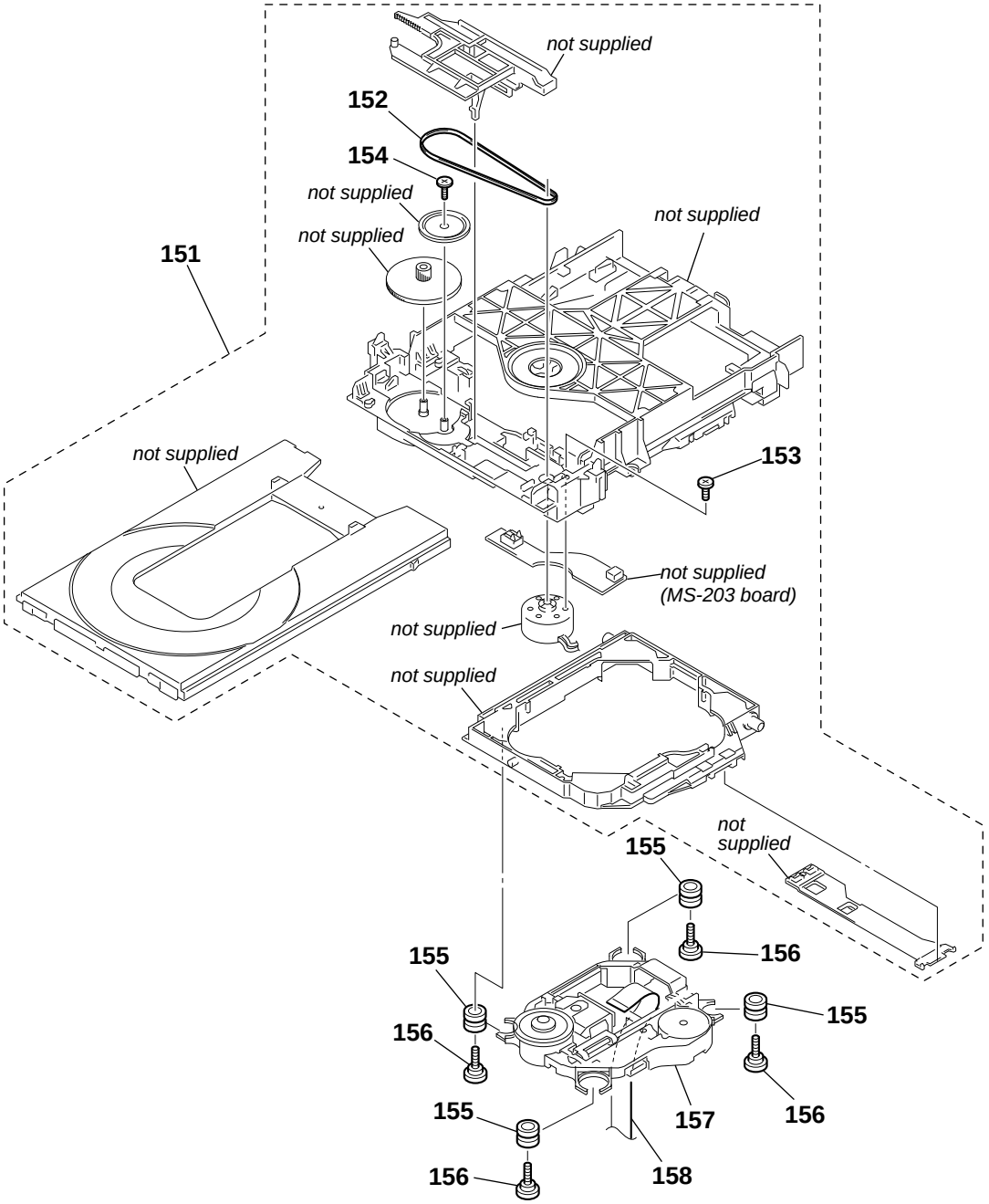


Ref. No.	Part No.	Description	Remark
101	A-1382-421-A	POWER BOARD, COMPLETE (DZ265K/DZ266K/DZ270K:PH,SP)	
101	A-1382-609-A	POWER BOARD, COMPLETE (DZ270K:EA)	
101	A-1392-694-A	POWER BOARD, COMPLETE (DZ570K:PH,SP/DZ777K:SP)	
101	A-1452-056-A	POWER BOARD, COMPLETE (DZ570K:EA)	
101	A-1519-580-A	POWER BOARD, COMPLETE (DZ270K:TH)	
101	A-1519-582-A	POWER BOARD, COMPLETE (DZ570K:TH/DZ777K:TH)	
102	2-677-839-01	+PWH 3X8 (SUMITITE)	
103	4-232-478-31	FOOT	
104	4-231-099-91	SHEET, RADIATION	
105	3-077-331-21	+BV 3 (3-CR)	
106	1-828-293-11	WIRE (FLAT TYPE) (5 CORE)	
107	1-828-359-11	WIRE (FLAT TYPE) (19 CORE) (DZ270K/DZ570K/DZ777K)	
107	1-828-369-11	WIRE (FLAT TYPE) (21 CORE) (DZ265K/DZ266K)	
108	1-828-337-11	WIRE (FLAT TYPE) (15 CORE) (DZ265K/DZ266K/DZ270K)	
108	1-828-347-11	WIRE (FLAT TYPE) (17 CORE) (DZ570K/DZ777K)	
109	A-1441-334-A	IO-COMPONENT BOARD, COMPLETE (DZ265K/DZ266K)	
109	A-1441-418-A	IO-COMPONENT BOARD, COMPLETE (DZ777K)	
109	A-1442-933-A	IO-COMPONENT BOARD, COMPLETE (DZ270K)	
109	A-1442-935-A	IO-COMPONENT BOARD, COMPLETE (DZ570K)	

Ref. No.	Part No.	Description	Remark
110	3-077-331-11	+BV 3 (3-CR)	
111	3-100-158-01	SHEET, RADIATION (DZ777K)	
111	3-100-158-21	SHEET, RADIATION (EXCEPT DZ777K)	
112	3-100-158-11	SHEET, RADIATION	
113	4-231-099-41	SHEET, RADIATION	
114	1-828-296-11	WIRE (FLAT TYPE) (7 CORE)	
115	A-1441-337-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ265K/DZ266K)	
115	A-1441-384-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ270K:PH,SP,TH)	
115	A-1441-412-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ570K:PH,SP,TH)	
115	A-1441-420-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ777K)	
115	A-1545-341-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ270K:EA)	
115	A-1545-352-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ570K:EA)	
116	3-273-733-01	COVER (CDM-DSR) (RU,EA,PH)	
116	3-273-733-11	COVER (CDM-DSR) (SP,TH)	
117	A-1419-028-A	SCORE BOARD, COMPLETE	
F901	1-576-233-51	FUSE (H.B.C.) (T6.3HA/250V) (EXCEPT EA)	
F901	1-576-300-51	FUSE, H.B.C. (T8HA/250V) (EA)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
#5	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3	

Note: If the wire (flat type) was replaced, fold it some as the wire (flat type) before replacement.

7-4. DVD MECHANISM DECK SECTION (CDM85-DVBU102)



Ref. No.	Part No.	Description	Remark
151	A-6071-669-A	LOADING ASSY (M)	
152	3-088-371-01	BELT	
153	4-974-725-11	SCREW (M1.7X2.5), P	
154	4-674-137-11	SCREW (PTP 2X5)	
155	2-634-618-01	INSULATOR	
156	3-087-599-01	SCREW, INSULATOR	
⚠ 157	8-820-321-05	OPTICAL PICK-UP KHM-313CAA/C2RP	
158	1-828-773-51	WIRE (FLAT TYPE) (24 CORE)	

Note: If the wire (flat type) was replaced, fold it some as the wire (flat type) before replacement.

FL IO-COMPONENT

SECTION 8
ELECTRICAL PARTS LIST

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.
- CAPACITORS
  uF: µF
- COILS
  uH: µH
- RESISTORS
  All resistors are in ohms.
  METAL: Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F: nonflammable
- SEMICONDUCTORS
  In each case, u: µ, for example:
  uA. . : µA. . , uPA. . , µPA. . ,
  uPB. . : µPB. . , uPC. . , µPC. . ,
  uPD. . : µPD. .
- Abbreviation
  EA : Saudi Arabia model
  PH : Philippines model
  SP : Singapore model
  RU : Russian model
  TH : Thai model

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

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

The components identified by mark 🔒 contain confidential information.
Strictly follow the instructions whenever the components are repaired and/or replaced.

Ref. No.	Part No.	Description			Remark
	A-1382-431-A	FL BOARD, COMPLETE			
		**********			
	3-273-731-01	HOLDER (FL)			
		< CAPACITOR >			
C101	1-126-382-11	ELECT	100uF	20%	16V
C102	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C103	1-163-037-11	CERAMIC CHIP	0.022uF	10%	50V
C104	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C105	1-119-943-11	ELECT	47uF	20%	50V
C106	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C107	1-126-157-11	ELECT	10uF	20%	16V
C108	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C116	1-126-157-11	ELECT	10uF	20%	16V
C117	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C189	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C190	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		< CONNECTOR >			
CN100	1-779-546-11	CONNECTOR, FFC (LIF(NON-ZIF)) 9P			
		< DIODE >			
D100	6-501-579-01	DIODE MC2837			
D101	6-501-579-01	DIODE MC2837			
D102	6-501-729-01	DIODE MAZ8051GLLS0			
D103	6-501-817-01	DIODE MA2J1110GLS0			
		< IC >			
IC100	6-701-729-01	IC PT6315			
IC101	6-600-349-21	IC NJL23H400A (IR)			
		< COIL >			
L100	1-410-671-31	INDUCTOR	47uH		
L101	1-410-671-31	INDUCTOR	47uH		
L102	1-410-671-31	INDUCTOR	47uH		
		< FLUORESCENT INDICATOR TUBE >			
ND100	1-519-988-11	INDICATOR TUBE, FLUORESCENT			
		< TRANSISTOR >			
Q100	6-550-065-01	TRANSISTOR CPH5504-TL-E			

Ref. No.	Part No.	Description			Remark
		< RESISTOR >			
R100	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R101	1-216-839-11	METAL CHIP	33K	5%	1/10W
R102	1-216-805-11	METAL CHIP	47	5%	1/10W
R103	1-216-805-11	METAL CHIP	47	5%	1/10W
R104	1-216-809-11	METAL CHIP	100	5%	1/10W
R105	1-216-809-11	METAL CHIP	100	5%	1/10W
R106	1-216-809-11	METAL CHIP	100	5%	1/10W
R107	1-216-844-11	METAL CHIP	82K	5%	1/10W
R108	1-216-805-11	METAL CHIP	47	5%	1/10W
		< TRANSFORMER >			
T100	1-443-645-11	TRANSFORMER, DC-DC CONVERTER			
		**********			
	A-1441-334-A	IO-COMPONENT BOARD, COMPLETE			(DZ265K/DZ266K)
	A-1441-418-A	IO-COMPONENT BOARD, COMPLETE (DZ777K)			
	A-1442-933-A	IO-COMPONENT BOARD, COMPLETE (DZ270K)			
	A-1442-935-A	IO-COMPONENT BOARD, COMPLETE (DZ570K)			
		**********			
		< CAPACITOR >			
C454	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C456	1-126-933-11	ELECT	100uF	20%	16V
C457	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C458	1-126-933-11	ELECT	100uF	20%	16V
C460	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C462	1-126-916-11	ELECT	1000uF	20%	6.3V
C463	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C466	1-126-965-11	ELECT	22uF	20%	50V
C467	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C468	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C470	1-126-964-11	ELECT	10uF	20%	50V (DZ570K/DZ777K)
C473	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C474	1-126-925-11	ELECT	470uF	20%	10V
C476	1-126-964-11	ELECT	10uF	20%	50V
C478	1-126-916-11	ELECT	1000uF	20%	6.3V
C480	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C481	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C482	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C488	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C489	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V (DZ777K)
C491	1-162-960-11	CERAMIC CHIP	220PF	10%	50V

IO-COMPONENT

Ref. No.	Part No.	Description			Remark
C495	1-104-662-11	ELECT	22uF	20%	25V
C496	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C499	1-104-662-11	ELECT	22uF	20%	25V
C504	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DZ570K/DZ777K)
C505	1-162-960-11	CERAMIC CHIP	220PF	10%	50V (DZ777K)
C509	1-104-662-11	ELECT	22uF	20%	25V (DZ777K)
C511	1-162-960-11	CERAMIC CHIP	220PF	10%	50V (DZ777K)
C512	1-104-662-11	ELECT	22uF	20%	25V (DZ777K)
C514	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C518	1-126-960-11	ELECT	1uF	20%	50V
C521	1-162-960-11	CERAMIC CHIP	220PF	10%	50V (DZ570K/DZ777K)
C524	1-104-662-11	ELECT	22uF	20%	25V (DZ570K/DZ777K)
C525	1-162-960-11	CERAMIC CHIP	220PF	10%	50V (DZ570K/DZ777K)
C528	1-126-933-11	ELECT	100uF	20%	16V (DZ570K/DZ777K)
C529	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DZ570K/DZ777K)
C530	1-104-662-11	ELECT	22uF	20%	25V (DZ570K/DZ777K)
C533	1-126-960-11	ELECT	1uF	20%	50V
C535	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C536	1-104-662-11	ELECT	22uF	20%	25V
C537	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C538	1-104-662-11	ELECT	22uF	20%	25V
C539	1-126-957-11	ELECT	0.22uF	20%	50V
C540	1-126-957-11	ELECT	0.22uF	20%	50V
C541	1-126-933-11	ELECT	100uF	20%	16V
C542	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C543	1-126-960-11	ELECT	1uF	20%	50V
C544	1-126-960-11	ELECT	1uF	20%	50V
C546	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C547	1-126-933-11	ELECT	100uF	20%	16V
C548	1-127-573-11	CERAMIC CHIP	1uF	10%	16V
C549	1-126-947-11	ELECT	47uF	20%	35V
C550	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C551	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C552	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C553	1-126-933-11	ELECT	100uF	20%	16V
C554	1-126-966-11	ELECT	33uF	20%	50V
C555	1-126-964-11	ELECT	10uF	20%	50V
C556	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C557	1-126-933-11	ELECT	100uF	20%	16V
C558	1-104-662-11	ELECT	22uF	20%	25V
C559	1-104-662-11	ELECT	22uF	20%	25V
C560	1-126-933-11	ELECT	100uF	20%	16V
C561	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (DZ265K/DZ266K)
C562	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (DZ265K/DZ266K)
C563	1-162-921-11	CERAMIC CHIP	33PF	5%	50V
C564	1-126-933-11	ELECT	100uF	20%	16V
C565	1-126-964-11	ELECT	10uF	20%	50V
C566	1-126-964-11	ELECT	10uF	20%	50V
C567	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C568	1-126-933-11	ELECT	100uF	20%	16V

Ref. No.	Part No.	Description			Remark
C569	1-126-964-11	ELECT	10uF	20%	50V (DZ570K/DZ777K)
C620	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C621	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C622	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
		< CONNECTOR >			
CN402	1-779-285-11	CONNECTOR, FFC (LIF(NON-ZIF)) 17P			(DZ570K/DZ777K)
CN403	1-779-283-11	CONNECTOR, FFC (LIF(NON-ZIF)) 15P			(DZ265K/DZ266K/DZ270K)
CN405	1-779-287-11	CONNECTOR, FFC (LIF(NON-ZIF)) 19P			(DZ270K/DZ570K/DZ777K)
CN410	1-779-275-11	CONNECTOR, FFC (LIF(NON-ZIF)) 7P			
CN411	1-564-707-11	PIN, CONNECTOR (SMALL TYPE) 5P			
CN413	1-778-226-21	CONNECTOR, BOARD TO BOARD 6P			
CN414	1-568-830-11	CONNECTOR, FFC 11P (DZ265K/DZ266K)			
CN417	1-779-289-11	CONNECTOR, FFC (LIF(NON-ZIF)) 21P			(DZ265K/DZ266K)
CN419	1-784-770-11	CONNECTOR, FFC 9P (DZ270K/DZ570K/DZ777K)			
		< DIODE >			
D405	6-501-579-01	DIODE MC2837 (DZ777K)			
D406	6-501-579-01	DIODE MC2837			
D407	8-719-058-24	DIODE RB501V-40TE-17			
D408	6-501-817-01	DIODE MA2J1110GLS0			
D409	6-501-817-01	DIODE MA2J1110GLS0			
D410	6-501-728-01	DIODE MAZ8051G0LS0			
D411	6-501-579-01	DIODE MC2837			
D412	6-501-728-01	DIODE MAZ8051G0LS0 (DZ570K/DZ777K)			
		< IC >			
IC404	6-710-470-01	IC MM1758AFBE			
IC407	8-759-385-76	IC MC14052BDR2 (DZ570K/DZ777K)			
IC409	8-759-385-76	IC MC14052BDR2 (DZ570K/DZ777K)			
IC411	8-759-385-76	IC MC14052BDR2			
IC412	6-706-078-01	IC M62429FP-TP			
IC413	6-700-830-01	IC KIA7809API			
IC414	8-759-832-10	IC LA3210A/B-E			
IC620	6-705-338-01	IC TK11250CMCL-G			
		< JACK >			
J401	1-817-601-11	JACK, PIN 3P (COMPONENT VIDEO OUT)			
J403	1-778-940-11	JACK, PIN 2P (SAT/CABLE (AUDIO IN R/L))			(DZ777K)
J404	1-820-862-11	JACK, PIN 3P (VIDEO OUT, TV/VIDEO (AUDIO IN R/L))			(EXCEPT DZ777K)
J404	1-820-862-11	JACK, PIN 3P (VIDEO OUT, TV (AUDIO IN R/L)) (DZ777K)			
		< JUMPER RESISTOR >			
JR502	1-216-864-11	SHORT CHIP	0		
JR503	1-216-864-11	SHORT CHIP	0		
JR504	1-216-864-11	SHORT CHIP	0		
JR505	1-216-864-11	SHORT CHIP	0		
JR506	1-216-864-11	SHORT CHIP	0		
JR507	1-216-864-11	SHORT CHIP	0		
JR508	1-216-864-11	SHORT CHIP	0		
JR515	1-216-864-11	SHORT CHIP	0		
JR516	1-216-864-11	SHORT CHIP	0		

IO-COMPONENT

Ref. No.	Part No.	Description			Remark
		< COIL >			
L404	1-469-525-91	INDUCTOR	10uH		
L406	1-469-525-91	INDUCTOR	10uH		
L407	1-469-525-91	INDUCTOR	10uH		
		< TRANSISTOR >			
Q408	8-729-027-52	TRANSISTOR	DTC124EKA-T146		(DZ570K/DZ777K)
Q409	8-729-027-52	TRANSISTOR	DTC124EKA-T146		(DZ570K/DZ777K)
Q410	8-729-027-52	TRANSISTOR	DTC124EKA-T146		(DZ570K/DZ777K)
Q411	8-729-027-52	TRANSISTOR	DTC124EKA-T146		(DZ570K/DZ777K)
Q412	8-729-027-52	TRANSISTOR	DTC124EKA-T146		
Q413	8-729-027-52	TRANSISTOR	DTC124EKA-T146		
Q414	8-729-027-52	TRANSISTOR	DTC124EKA-T146		
Q415	8-729-027-52	TRANSISTOR	DTC124EKA-T146		
		< RESISTOR >			
R439	1-218-285-11	METAL CHIP	75	5% 1/10W	
R444	1-218-827-11	METAL CHIP	150	0.5% 1/10W	
R445	1-218-827-11	METAL CHIP	150	0.5% 1/10W	
R446	1-218-827-11	METAL CHIP	150	0.5% 1/10W	
R447	1-218-827-11	METAL CHIP	150	0.5% 1/10W	
R448	1-218-827-11	METAL CHIP	150	0.5% 1/10W	
R449	1-218-285-11	METAL CHIP	75	5% 1/10W	
R452	1-218-285-11	METAL CHIP	75	5% 1/10W	
R458	1-216-864-11	SHORT CHIP	0		
R459	1-216-864-11	SHORT CHIP	0		
R468	1-218-285-11	METAL CHIP	75	5% 1/10W	
R471	1-216-864-11	SHORT CHIP	0 (DZ265K/DZ266K/DZ270K)		
R473	1-216-864-11	SHORT CHIP	0 (DZ265K/DZ266K/DZ270K)		
R473	1-218-285-11	METAL CHIP	75	5% 1/10W	(DZ570K/DZ777K)
R479	1-216-829-11	METAL CHIP	4.7K	5% 1/10W	
R480	1-216-841-11	METAL CHIP	47K	5% 1/10W	
R481	1-216-841-11	METAL CHIP	47K	5% 1/10W	
R485	1-216-829-11	METAL CHIP	4.7K	5% 1/10W	
R486	1-216-829-11	METAL CHIP	4.7K	5% 1/10W	
R489	1-216-829-11	METAL CHIP	4.7K	5% 1/10W	
R490	1-216-841-11	METAL CHIP	47K	5% 1/10W	
R491	1-216-841-11	METAL CHIP	47K	5% 1/10W	
R494	1-216-829-11	METAL CHIP	4.7K	5% 1/10W	(DZ777K)
R495	1-216-833-11	METAL CHIP	10K	5% 1/10W	(DZ570K/DZ777K)
R496	1-216-841-11	METAL CHIP	47K	5% 1/10W	(DZ777K)
R497	1-216-841-11	METAL CHIP	47K	5% 1/10W	(DZ777K)
R500	1-216-821-11	METAL CHIP	1K	5% 1/10W	(DZ570K/DZ777K)
R503	1-216-829-11	METAL CHIP	4.7K	5% 1/10W	(DZ777K)
R504	1-216-829-11	METAL CHIP	4.7K	5% 1/10W	(DZ777K)
R505	1-216-833-11	METAL CHIP	10K	5% 1/10W	(DZ570K/DZ777K)
R506	1-216-829-11	METAL CHIP	4.7K	5% 1/10W	(DZ777K)
R507	1-216-841-11	METAL CHIP	47K	5% 1/10W	(DZ777K)
R508	1-216-841-11	METAL CHIP	47K	5% 1/10W	(DZ777K)
R509	1-216-821-11	METAL CHIP	1K	5% 1/10W	(DZ570K/DZ777K)
R513	1-216-864-11	SHORT CHIP	0 (DZ570K/DZ777K)		
R514	1-216-864-11	SHORT CHIP	0 (DZ570K/DZ777K)		
R515	1-216-864-11	SHORT CHIP	0		
R516	1-216-864-11	SHORT CHIP	0		
R523	1-216-864-11	SHORT CHIP	0		
R527	1-216-841-11	METAL CHIP	47K	5% 1/10W	(DZ570K/DZ777K)
R528	1-216-841-11	METAL CHIP	47K	5% 1/10W	(DZ570K/DZ777K)
R533	1-216-827-11	METAL CHIP	3.3K	5% 1/10W	(DZ570K/DZ777K)
R536	1-216-833-11	METAL CHIP	10K	5% 1/10W	(DZ570K/DZ777K)
R538	1-216-827-11	METAL CHIP	3.3K	5% 1/10W	(DZ570K/DZ777K)
R539	1-216-841-11	METAL CHIP	47K	5% 1/10W	(DZ570K/DZ777K)
R540	1-216-841-11	METAL CHIP	47K	5% 1/10W	(DZ570K/DZ777K)
R541	1-216-864-11	SHORT CHIP	0		
R543	1-216-821-11	METAL CHIP	1K	5% 1/10W	(DZ570K/DZ777K)
R546	1-216-864-11	SHORT CHIP	0		
R548	1-216-864-11	SHORT CHIP	0		
R549	1-216-864-11	SHORT CHIP	0 (DZ570K/DZ777K)		
R550	1-216-833-11	METAL CHIP	10K	5% 1/10W	(DZ570K/DZ777K)
R551	1-216-829-11	METAL CHIP	4.7K	5% 1/10W	
R552	1-216-841-11	METAL CHIP	47K	5% 1/10W	
R553	1-216-841-11	METAL CHIP	47K	5% 1/10W	
R554	1-216-864-11	SHORT CHIP	0 (DZ265K/DZ266K/DZ270K)		
R556	1-216-821-11	METAL CHIP	1K	5% 1/10W	(DZ570K/DZ777K)
R557	1-216-809-11	METAL CHIP	100	5% 1/10W	
R558	1-216-809-11	METAL CHIP	100	5% 1/10W	
R559	1-216-829-11	METAL CHIP	4.7K	5% 1/10W	
R561	1-216-829-11	METAL CHIP	4.7K	5% 1/10W	
R563	1-216-864-11	SHORT CHIP	0 (DZ570K/DZ777K)		
R564	1-216-829-11	METAL CHIP	4.7K	5% 1/10W	
R566	1-216-841-11	METAL CHIP	47K	5% 1/10W	
R567	1-216-841-11	METAL CHIP	47K	5% 1/10W	
R568	1-216-864-11	SHORT CHIP	0 (DZ265K/DZ266K/DZ270K)		
R569	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R570	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R571	1-216-830-11	METAL CHIP	5.6K	5% 1/10W	
R572	1-216-830-11	METAL CHIP	5.6K	5% 1/10W	
R575	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R577	1-216-864-11	SHORT CHIP	0		
R579	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R580	1-216-809-11	METAL CHIP	100	5% 1/10W	
R581	1-216-809-11	METAL CHIP	100	5% 1/10W	
R582	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R583	1-216-864-11	SHORT CHIP	0		
R584	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R585	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R586	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R587	1-216-833-11	METAL CHIP	10K	5% 1/10W	

Ref. No.	Part No.	Description			Remark
R588	1-216-833-11	METAL CHIP	10K	5%	1/10W
R589	1-216-833-11	METAL CHIP	10K	5%	1/10W
R590	1-216-833-11	METAL CHIP	10K	5%	1/10W
R591	1-216-864-11	SHORT CHIP	0		
R592	1-216-809-11	METAL CHIP	100	5%	1/10W
R593	1-216-864-11	SHORT CHIP	0		
R594	1-216-833-11	METAL CHIP	10K	5%	1/10W
R595	1-216-864-11	SHORT CHIP	0		
R596	1-216-833-11	METAL CHIP	10K	5%	1/10W
R597	1-216-845-11	METAL CHIP	100K	5%	1/10W
R598	1-216-833-11	METAL CHIP	10K	5%	1/10W
R599	1-216-833-11	METAL CHIP	10K	5%	1/10W
R600	1-216-845-11	METAL CHIP	100K	5%	1/10W
R601	1-216-845-11	METAL CHIP	100K	5%	1/10W
R602	1-216-845-11	METAL CHIP	100K	5%	1/10W
R603	1-216-845-11	METAL CHIP	100K	5%	1/10W
R604	1-216-833-11	METAL CHIP	10K	5%	1/10W
R605	1-216-837-11	METAL CHIP	22K	5%	1/10W
R606	1-216-864-11	SHORT CHIP	0		
R607	1-216-864-11	SHORT CHIP	0		
R608	1-216-815-11	METAL CHIP	330	5%	1/10W
R609	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ265K/DZ266K)
R609	1-216-864-11	SHORT CHIP	0 (DZ270K/DZ570K/DZ777K)		
R610	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ265K/DZ266K)
R610	1-216-864-11	SHORT CHIP	0 (DZ270K/DZ570K/DZ777K)		
R611	1-216-864-11	SHORT CHIP	0 (DZ265K/DZ266K)		
R612	1-216-864-11	SHORT CHIP	0 (DZ265K/DZ266K)		
R613	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R614	1-216-833-11	METAL CHIP	10K	5%	1/10W
R615	1-215-865-11	METAL OXIDE	220	5%	1W F
R616	1-216-864-11	SHORT CHIP	0 (DZ270K/DZ570K/DZ777K)		
R617	1-216-864-11	SHORT CHIP	0 (DZ270K/DZ570K/DZ777K)		
R620	1-216-821-11	METAL CHIP	1K	5%	1/10W
R621	1-215-865-11	METAL OXIDE	220	5%	1W F (DZ570K/DZ777K)
R622	1-216-864-11	SHORT CHIP	0		
R623	1-216-864-11	SHORT CHIP	0		
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	A-1441-372-A	JACK BOARD, COMPLETE (RU,EA)			
	A-1441-382-A	JACK BOARD, COMPLETE (PH,SP,TH)			
		**********			
		< CAPACITOR >			
C121	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C122	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C124	1-115-156-11	CERAMIC CHIP	1uF		10V
C126	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C127	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C132	1-104-658-11	ELECT	100uF	20%	10V
C133	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C134	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C135	1-124-589-11	ELECT	47uF	20%	16V
C136	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C137	1-124-584-00	ELECT	100uF	20%	10V
C138	1-126-157-11	ELECT	10uF	20%	16V
C139	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C142	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C143	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V

Ref. No.	Part No.	Description			Remark
C144	1-126-157-11	ELECT	10uF	20%	16V
C145	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C147	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C148	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C149	1-162-925-11	CERAMIC CHIP	68PF	5%	50V
C150	1-110-563-11	CERAMIC CHIP	0.068uF	10%	16V
C151	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C152	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C153	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C156	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C157	1-124-584-00	ELECT	100uF	20%	10V
C158	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C159	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C160	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C161	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C162	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C164	1-126-157-11	ELECT	10uF	20%	16V
C168	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C169	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
		< CONNECTOR >			
CN102	1-779-277-11	CONNECTOR, FFC (LIF(NON-ZIF)) 9P			
CN103	1-779-287-11	CONNECTOR, FFC (LIF(NON-ZIF)) 19P			
CN104	1-819-866-11	CONNECTOR, USB (A) (USB)			
CN105	1-564-721-11	PIN, CONNECTOR (SMALL TYPE) 5P			
		< DIODE >			
D104	6-501-579-01	DIODE MC2837			
D107	6-501-817-01	DIODE MA2J1110GLS0			
D108	6-501-579-01	DIODE MC2837			
D109	6-501-579-01	DIODE MC2837			
		< FERRITE BEAD >			
FB102	1-500-236-22	BEAD, FERRITE (CHIP) (1608) (RU,EA)			
FB103	1-500-236-22	BEAD, FERRITE (CHIP) (1608) (RU,EA)			
FB104	1-500-236-22	BEAD, FERRITE (CHIP) (1608) (RU,EA)			
		< IC >			
IC102	6-705-312-01	IC S-T111B33MC-OGSTFG			
IC103	8-759-100-96	IC uPC4558G2			
IC104	8-759-100-96	IC uPC4558G2			
		< JACK >			
J100	1-819-878-41	JACK (AUDIO IN/MIC1/A.CAL MIC)			
J101	1-819-878-41	JACK (MIC2)			
		< JUMPER RESISTOR >			
JR101	1-216-864-11	SHORT CHIP	0		
JR102	1-216-864-11	SHORT CHIP	0		
JR103	1-216-864-11	SHORT CHIP	0		
		< TRANSISTOR >			
Q101	8-729-038-28	TRANSISTOR RT1N441C-TP-1			
Q102	8-729-038-28	TRANSISTOR RT1N441C-TP-1			
Q103	8-729-038-11	TRANSISTOR RT1P140C-TP-1			
Q104	8-729-027-23	TRANSISTOR DTA114EKA-T146			
Q105	8-729-027-23	TRANSISTOR DTA114EKA-T146			
		< RESISTOR >			
R109	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R110	1-216-833-11	METAL CHIP	10K	5%	1/10W

JACK **MAIN**

Ref. No.	Part No.	Description			Remark
R111	1-216-809-11	METAL CHIP	100	5%	1/10W
R112	1-216-809-11	METAL CHIP	100	5%	1/10W
R113	1-216-815-11	METAL CHIP	330	5%	1/10W
R114	1-216-815-11	METAL CHIP	330	5%	1/10W
R115	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R117	1-216-834-11	METAL CHIP	12K	5%	1/10W
R118	1-216-835-11	METAL CHIP	15K	5%	1/10W
R121	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R122	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R123	1-216-821-11	METAL CHIP	1K	5%	1/10W
R126	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R128	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R129	1-216-801-11	METAL CHIP	22	5%	1/10W
R130	1-216-821-11	METAL CHIP	1K	5%	1/10W
R131	1-216-821-11	METAL CHIP	1K	5%	1/10W
R132	1-216-809-11	METAL CHIP	100	5%	1/10W
R133	1-216-819-11	METAL CHIP	680	5%	1/10W
R134	1-216-835-11	METAL CHIP	15K	5%	1/10W
R135	1-216-833-11	METAL CHIP	10K	5%	1/10W
R136	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R137	1-216-837-11	METAL CHIP	22K	5%	1/10W
R138	1-216-845-11	METAL CHIP	100K	5%	1/10W
R139	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R140	1-216-805-11	METAL CHIP	47	5%	1/10W
R141	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R143	1-216-817-11	METAL CHIP	470	5%	1/10W
R144	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R145	1-216-845-11	METAL CHIP	100K	5%	1/10W
R146	1-216-817-11	METAL CHIP	470	5%	1/10W
R147	1-216-845-11	METAL CHIP	100K	5%	1/10W
R148	1-216-837-11	METAL CHIP	22K	5%	1/10W
R149	1-216-821-11	METAL CHIP	1K	5%	1/10W
R150	1-216-821-11	METAL CHIP	1K	5%	1/10W
R151	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R152	1-216-864-11	SHORT CHIP	0		
R153	1-216-857-11	METAL CHIP	1M	5%	1/10W
R154	1-216-837-11	METAL CHIP	22K	5%	1/10W
R155	1-216-864-11	SHORT CHIP	0		
R157	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R158	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R159	1-216-845-11	METAL CHIP	100K	5%	1/10W
R160	1-216-835-11	METAL CHIP	15K	5%	1/10W
R161	1-216-817-11	METAL CHIP	470	5%	1/10W
R163	1-216-821-11	METAL CHIP	1K	5%	1/10W
R164	1-216-837-11	METAL CHIP	22K	5%	1/10W
R179	1-216-864-11	SHORT CHIP	0 (PH,SP,TH)		
R180	1-216-864-11	SHORT CHIP	0 (PH,SP,TH)		
R181	1-216-864-11	SHORT CHIP	0 (PH,SP,TH)		
R184	1-216-821-11	METAL CHIP	1K	5%	1/10W
R186	1-216-821-11	METAL CHIP	1K	5%	1/10W
R187	1-216-821-11	METAL CHIP	1K	5%	1/10W
		< SWITCH >			
S100	1-762-875-21	SWITCH, KEYBOARD (⏏)			
S101	1-762-875-21	SWITCH, KEYBOARD (▷)			
S102	1-762-875-21	SWITCH, KEYBOARD (▶▶I)			
S103	1-762-875-21	SWITCH, KEYBOARD (■)			
S104	1-762-875-21	SWITCH, KEYBOARD (❚❚)			
S105	1-762-875-21	SWITCH, KEYBOARD (I◀◀)			
S106	1-762-875-21	SWITCH, KEYBOARD (FUNCTION)			

Ref. No.	Part No.	Description			Remark
S107	1-480-136-11	ENCODER, ROTARY (12 TYPE) (VOLUME)			
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	A-1441-337-A	MAIN BOARD, COMPLETE (for SERVICE)			(DZ265K/DZ266K)
	A-1441-384-A	MAIN BOARD, COMPLETE (for SERVICE)			(DZ270K:PH,SP,TH)
	A-1441-412-A	MAIN BOARD, COMPLETE (for SERVICE)			(DZ570K:PH,SP,TH)
	A-1441-420-A	MAIN BOARD, COMPLETE (for SERVICE)			(DZ777K)
	A-1545-341-A	MAIN BOARD, COMPLETE (for SERVICE)			(DZ270K:EA)
	A-1545-352-A	MAIN BOARD, COMPLETE (for SERVICE)			(DZ570K:EA)
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	4-231-099-41	SHEET, RADIATION			
		< CAPACITOR >			
C220	1-128-995-21	ELECT CHIP	100uF	20%	10V (DZ570K/DZ777K)
C221	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DZ570K/DZ777K)
C222	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DZ570K/DZ777K)
C223	1-126-206-11	ELECT CHIP	100uF	20%	6.3V (DZ570K/DZ777K)
C227	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V (DZ570K/DZ777K)
C229	1-165-908-11	CERAMIC CHIP	1uF	10%	10V (DZ570K/DZ777K)
C230	1-165-908-11	CERAMIC CHIP	1uF	10%	10V (DZ570K/DZ777K)
C231	1-165-908-11	CERAMIC CHIP	1uF	10%	10V (DZ570K/DZ777K)
C232	1-165-908-11	CERAMIC CHIP	1uF	10%	10V (DZ570K/DZ777K)
C237	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DZ570K/DZ777K)
C238	1-126-965-11	ELECT	22uF	20%	50V (DZ570K/DZ777K)
C239	1-126-947-11	ELECT	47uF	20%	35V (DZ570K/DZ777K)
C240	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DZ570K/DZ777K)
C241	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DZ570K/DZ777K)
C501	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C502	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C503	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C504	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C505	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C507	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C508	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C509	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C510	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C511	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C512	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C515	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C516	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C517	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C518	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C520	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V

Ref. No.	Part No.	Description			Remark
C521	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C522	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C523	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C524	1-104-658-11	ELECT	100uF	20%	10V
C525	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C526	1-104-658-11	ELECT	100uF	20%	10V
C527	1-126-916-11	ELECT	1000uF	20%	6.3V
C528	1-126-916-11	ELECT	1000uF	20%	6.3V
C529	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C530	1-126-965-11	ELECT	22uF	20%	50V
C531	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C532	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C533	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C538	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C539	1-126-933-11	ELECT	100uF	20%	16V
C571	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C572	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C573	1-126-965-11	ELECT	22uF	20%	50V
C574	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C581	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C582	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C583	1-104-658-11	ELECT	100uF	20%	10V
C584	1-126-933-11	ELECT	100uF	20%	16V
C591	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C592	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C593	1-104-658-11	ELECT	100uF	20%	10V
C594	1-126-933-11	ELECT	100uF	20%	16V
C705	1-126-964-11	ELECT	10uF	20%	50V
C706	1-126-964-11	ELECT	10uF	20%	50V
C707	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C708	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C717	1-126-964-11	ELECT	10uF	20%	50V
C718	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1101	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1102	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C1105	1-128-994-21	ELECT CHIP	47uF	20%	10V
C1106	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1108	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1109	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1110	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1111	1-126-206-11	ELECT CHIP	100uF	20%	6.3V
C1112	1-128-994-21	ELECT CHIP	47uF	20%	10V
C1113	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1114	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1115	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1116	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1117	1-128-994-21	ELECT CHIP	47uF	20%	10V
C1118	1-128-994-21	ELECT CHIP	47uF	20%	10V
C1119	1-128-994-21	ELECT CHIP	47uF	20%	10V
C1120	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C1121	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C1122	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C1123	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C1124	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C1125	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1126	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1127	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1129	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C1130	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1132	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V

Ref. No.	Part No.	Description			Remark
C1133	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1135	1-164-677-11	CERAMIC CHIP	0.033uF	10%	16V
C1136	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1137	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1138	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1139	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C1140	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1144	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1145	1-124-779-00	ELECT CHIP	10uF	20%	16V
C1146	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1147	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C1148	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C1149	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1151	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1152	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C1153	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C1154	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1155	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1156	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1158	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1159	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1160	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1161	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1162	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1163	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1164	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1165	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1169	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1170	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V
C1171	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1172	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1174	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1175	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1176	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1177	1-126-947-11	ELECT	47uF	20%	35V
C1179	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1180	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1181	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1182	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1183	1-128-934-11	CERAMIC CHIP	0.33uF	20%	10V
C1184	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1186	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1187	1-126-947-11	ELECT	47uF	20%	35V
C1190	1-104-658-11	ELECT	100uF	20%	10V
C1191	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1192	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1193	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1195	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1197	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1198	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C1199	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C1203	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1205	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C1206	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C1208	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1209	1-164-677-11	CERAMIC CHIP	0.033uF	10%	16V
C1210	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1211	1-164-677-11	CERAMIC CHIP	0.033uF	10%	16V
C1212	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1213	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V

MAIN

Ref. No.	Part No.	Description			Remark
C1214	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1215	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1217	1-126-947-11	ELECT	47uF	20%	35V
C1218	1-124-779-00	ELECT CHIP	10uF	20%	16V
C1219	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1220	1-124-779-00	ELECT CHIP	10uF	20%	16V
C1221	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1222	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1223	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1224	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1225	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1226	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1233	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C1725	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1726	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (DZ570K/DZ777K)
C1727	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1728	1-128-994-21	ELECT CHIP	47uF	20%	10V
C1729	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1730	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1731	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1732	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1733	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1734	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C2100	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C2101	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2102	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2103	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2108	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C2109	1-126-206-11	ELECT CHIP	100uF	20%	6.3V
C2110	1-126-206-11	ELECT CHIP	100uF	20%	6.3V
C2112	1-126-923-11	ELECT	220uF	20%	10V
C2114	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2115	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C2116	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2117	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C2118	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2119	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C2130	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C2502	1-164-172-11	CERAMIC CHIP	0.0056uF	10%	25V
C2503	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C3000	1-126-382-11	ELECT	100uF	20%	16V
C3001	1-126-947-11	ELECT	47uF	20%	35V
C3002	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C3003	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3005	1-126-795-11	ELECT	10uF	20%	50V
C3011	1-126-947-11	ELECT	47uF	20%	35V
C3012	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3013	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3014	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3015	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3016	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3017	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3018	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3019	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3020	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3021	1-126-947-11	ELECT	47uF	20%	35V
C3022	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3023	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3024	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3025	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V

Ref. No.	Part No.	Description			Remark
C3026	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3027	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3028	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3029	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3030	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3031	1-126-947-11	ELECT	47uF	20%	35V
C3032	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3033	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3034	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3035	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3036	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3037	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3038	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3039	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3040	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3051	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C3052	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C3053	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3054	1-126-933-11	ELECT	100uF	20%	16V
C3055	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3056	1-126-923-11	ELECT	220uF	20%	10V
C3057	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3058	1-162-910-11	CERAMIC CHIP	5PF	0.25PF	50V
C3059	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3060	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C3071	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3072	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3073	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3091	1-126-934-11	ELECT	220uF	20%	16V
C3100	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3103	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3104	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3105	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3106	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3107	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3108	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3109	1-112-246-11	ELECT	100uF	20%	35V
C3112	1-112-246-11	ELECT	100uF	20%	35V
C3113	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3114	1-137-198-81	FILM	1uF	5%	50V
C3115	1-137-198-81	FILM	1uF	5%	50V
C3116	1-112-831-11	ELECT	2200uF	20%	35V
C3117	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3122	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3123	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3124	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C3125	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C3126	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C3127	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C3128	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C3129	1-117-370-11	CERAMIC CHIP	10uF		10V
C3150	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3153	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3154	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3155	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3156	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3157	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3158	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3159	1-112-246-11	ELECT	100uF	20%	35V
C3162	1-112-246-11	ELECT	100uF	20%	35V

Ref. No.	Part No.	Description			Remark
C3163	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3164	1-137-198-81	FILM	1uF	5%	50V
C3165	1-137-198-81	FILM	1uF	5%	50V
C3166	1-112-831-11	ELECT	2200uF	20%	35V
C3167	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3172	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3173	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3200	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3203	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3204	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3205	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3206	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3207	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3208	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3209	1-112-246-11	ELECT	100uF	20%	35V
C3212	1-112-246-11	ELECT	100uF	20%	35V
C3213	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3214	1-137-198-81	FILM	1uF	5%	50V
C3215	1-137-198-81	FILM	1uF	5%	50V
C3216	1-112-831-11	ELECT	2200uF	20%	35V
C3217	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3250	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3253	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3254	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3255	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3256	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3257	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3258	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3259	1-112-246-11	ELECT	100uF	20%	35V
C3262	1-112-246-11	ELECT	100uF	20%	35V
C3263	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3264	1-137-198-81	FILM	1uF	5%	50V
C3265	1-137-198-81	FILM	1uF	5%	50V
C3266	1-112-831-11	ELECT	2200uF	20%	35V
C3267	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3300	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3303	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3304	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3305	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3306	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3307	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3308	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3309	1-112-246-11	ELECT	100uF	20%	35V
C3312	1-112-246-11	ELECT	100uF	20%	35V
C3313	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3314	1-137-198-81	FILM	1uF	5%	50V
C3315	1-137-198-81	FILM	1uF	5%	50V
C3316	1-112-831-11	ELECT	2200uF	20%	35V
C3317	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3322	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3323	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3400	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3403	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3404	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3405	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3406	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3407	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3408	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3409	1-112-246-11	ELECT	100uF	20%	35V
C3412	1-112-246-11	ELECT	100uF	20%	35V

Ref. No.	Part No.	Description			Remark
C3413	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3414	1-137-198-81	FILM	1uF	5%	50V
C3415	1-137-198-81	FILM	1uF	5%	50V
C3416	1-112-831-11	ELECT	2200uF	20%	35V
C3417	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3422	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3423	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3500	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V (DZ777K)
C3503	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V (DZ777K)
C3504	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (DZ777K)
C3505	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V (DZ777K)
C3506	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V (DZ777K)
C3507	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V (DZ777K)
C3508	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V (DZ777K)
C3509	1-112-246-11	ELECT	100uF	20%	35V (DZ777K)
C3512	1-112-246-11	ELECT	100uF	20%	35V (DZ777K)
C3513	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V (DZ777K)
C3514	1-137-198-81	FILM	1uF	5%	50V (DZ777K)
C3515	1-137-198-81	FILM	1uF	5%	50V (DZ777K)
C3516	1-112-831-11	ELECT	2200uF	20%	35V (DZ777K)
C3517	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V (DZ777K)
C3551	1-126-960-11	ELECT	1uF	20%	50V
C3552	1-126-964-11	ELECT	10uF	20%	50V
C3553	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C3556	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C3561	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C3901	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3902	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3903	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3904	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3911	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C3912	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C3913	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C3914	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C4501	1-117-370-11	CERAMIC CHIP	10uF		10V
C4503	1-104-658-11	ELECT	100uF	20%	10V
C4504	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C9972	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		< CONNECTOR >			
CN204	1-817-615-21	CONNECTOR, SQUARE TYPE (RECE) 18P (DMPORT) (DZ570K/DZ777K)			
CN502	1-820-117-41	CONNECTOR, FFC/FPC 19P			
CN504	1-784-861-51	CONNECTOR, FFC (LIF(NON-ZIF)) 9P			
CN601	1-820-119-41	CONNECTOR, FFC/FPC 21P (DZ265K/DZ266K)			
CN602	1-820-117-41	CONNECTOR, FFC/FPC 19P (DZ270K/DZ570K/DZ777K)			
CN651	1-779-285-11	CONNECTOR, FFC (LIF(NON-ZIF)) 17P (DZ570K/DZ777K)			

MAIN

Ref. No.	Part No.	Description	Remark
CN701	1-779-275-11	CONNECTOR, FFC (LIF(NON-ZIF)) 7P	
CN1101	1-815-763-32	CONNECTOR, FFC/FPC 24P	
* CN1105	1-564-708-11	PIN, CONNECTOR (SMALL TYPE) 6P	
* CN1201	1-564-708-11	PIN, CONNECTOR (SMALL TYPE) 6P	
CN1202	1-784-365-51	CONNECTOR, FFC/FPC 5P	
CN1701	1-821-755-11	CONNECTOR, HDMI 19P (HDMI OUT)	
CN2101	1-564-707-11	PIN, CONNECTOR (SMALL TYPE) 5P	
CN3000	1-564-704-41	PIN, CONNECTOR (SMALL TYPE) 2P	
CN4302	1-820-116-41	CONNECTOR, FFC/FPC 17P (DZ570K/DZ777K)	
CN4303	1-820-115-41	CONNECTOR, FFC/FPC 15P (DZ265K/DZ266K/DZ270K)	
		< DIODE >	
D501	6-501-817-01	DIODE MA2J1110GLS0	
D502	6-500-334-01	DIODE MC2836-T112-1	
D505	6-500-334-01	DIODE MC2836-T112-1	
D701	6-501-579-01	DIODE MC2837	
D2101	6-501-749-01	DIODE MAZ8082G0LS0	
D2102	6-501-740-01	DIODE MAZ8068G0LS0	
D2103	6-501-740-01	DIODE MAZ8068G0LS0	
D3071	6-501-817-01	DIODE MA2J1110GLS0	
D3072	6-501-817-01	DIODE MA2J1110GLS0	
D3073	6-501-817-01	DIODE MA2J1110GLS0	
D3551	6-501-579-01	DIODE MC2837	
D3552	6-501-774-01	DIODE MAZ8150G0LS0	
D4111	6-501-696-01	DIODE RSA39LTE25	
D4112	6-501-696-01	DIODE RSA39LTE25	
D4151	6-501-696-01	DIODE RSA39LTE25	
D4152	6-501-696-01	DIODE RSA39LTE25	
D4201	6-501-696-01	DIODE RSA39LTE25	
D4202	6-501-696-01	DIODE RSA39LTE25	
D4251	6-501-696-01	DIODE RSA39LTE25	
D4252	6-501-696-01	DIODE RSA39LTE25	
D4301	6-501-696-01	DIODE RSA39LTE25	
D4302	6-501-696-01	DIODE RSA39LTE25	
D4401	6-501-696-01	DIODE RSA39LTE25	
D4402	6-501-696-01	DIODE RSA39LTE25	
D4501	6-501-696-01	DIODE RSA39LTE25 (DZ777K)	
D4502	6-501-696-01	DIODE RSA39LTE25 (DZ777K)	
D9712	6-501-817-01	DIODE MA2J1110GLS0	
		< FERRITE BEAD >	
FB505	1-469-365-21	INDUCTOR, FERRITE BEAD FBMJ2125	
FB506	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB508	1-469-365-21	INDUCTOR, FERRITE BEAD FBMJ2125	
FB510	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1106	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1107	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1108	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1109	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1111	1-469-670-21	FERRITE, EMI (SMD) (2012)	
FB1112	1-469-670-21	FERRITE, EMI (SMD) (2012)	
FB1113	1-469-670-21	FERRITE, EMI (SMD) (2012)	
FB1115	1-469-670-21	FERRITE, EMI (SMD) (2012)	
FB1116	1-469-670-21	FERRITE, EMI (SMD) (2012)	
FB1117	1-469-670-21	FERRITE, EMI (SMD) (2012)	
FB1118	1-469-670-21	FERRITE, EMI (SMD) (2012)	
FB2101	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB2102	1-469-379-11	FERRITE, EMI (SMD) (2012)	
FB2103	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB2104	1-469-379-11	FERRITE, EMI (SMD) (2012)	
FB2105	1-469-379-11	FERRITE, EMI (SMD) (2012)	
FB2120	1-469-118-21	FERRITE, EMI (SMD) (1608)	
FB2121	1-469-118-21	FERRITE, EMI (SMD) (1608)	
FB2122	1-469-118-21	FERRITE, EMI (SMD) (1608)	
FB2124	1-469-118-21	FERRITE, EMI (SMD) (1608)	
FB2125	1-469-118-21	FERRITE, EMI (SMD) (1608)	
		< FILTER >	
FL4501	1-234-177-21	FILTER, CHIP EMI	
		< IC >	
IC201	6-712-613-01	IC SI-3010KM-TLS (DZ570K/DZ777K)	
IC202	8-759-710-97	IC NJM4565M-D (DZ570K/DZ777K)	
IC501	A-1545-464-A	IC R5F3640DDFAR (for SERVICE)	
IC502	6-705-338-01	IC TK11250CMCL-G	
IC503	6-708-922-01	IC PST3635NR	
IC504	6-712-613-01	IC SI-3010KM-TLS	
IC505	6-712-613-01	IC SI-3010KM-TLS	
IC506	6-712-613-01	IC SI-3010KM-TLS	
IC507	6-705-337-01	IC TK11150CSCL-G	
IC510	(Not supplied)	IC S-24CS16A0I-J8T1G	
IC707	6-710-554-01	IC PCM1808PWR	
IC1101	6-711-522-01	IC CXD9917R	
IC1102	6-807-969-01	IC MX29LV320CBTC70-OHI2-0801CE (DZ265K/DZ266K)	
IC1102	6-807-970-01	IC MX29LV320CBTC70-OHI2-0801GA (DZ270K/DZ570K/DZ777K)	
IC1103	(Not supplied)	IC S-24CS64A01-J8T1G	
IC1104	6-707-897-01	IC EDS6416AHTA-75-E	
IC1105	6-702-302-01	IC TK11133CSCL-G	
IC1107	6-702-302-01	IC TK11133CSCL-G	
IC1110	6-707-739-01	IC MM1661JTRE	
IC1201	6-704-524-01	IC FAN8036L	
IC1705	8-759-592-47	IC TC7SZ08FU(TE85R)	
IC1706	8-759-592-47	IC TC7SZ08FU(TE85R) (DZ570K/DZ777K)	
IC1707	6-705-337-01	IC TK11150CSCL-G	
IC1708	6-702-302-01	IC TK11133CSCL-G	
IC2101	8-759-700-07	IC NJM2903M	
IC3003	8-759-680-48	IC TC7WH157FK(TE85R)	
IC3010	6-705-979-01	IC CXD9788AR	
IC3020	6-705-979-01	IC CXD9788AR	
IC3030	6-705-979-01	IC CXD9788AR	
IC3050	6-702-300-01	IC TK11118CSCL-G	
IC3051	6-709-888-01	IC TC7WHU04FK(T5RSOYF	
IC3100	6-708-921-01	IC CXD9883M	
IC3150	6-708-921-01	IC CXD9883M	
IC3200	6-708-921-01	IC CXD9883M	
IC3250	6-708-921-01	IC CXD9883M	
IC3300	6-708-921-01	IC CXD9883M	
IC3400	6-708-921-01	IC CXD9883M	
IC3500	6-708-921-01	IC CXD9883M (DZ777K)	
IC4502	6-707-853-01	IC TC74LCX541FT(EKJ)	
		< COIL >	
L200	1-469-525-91	INDUCTOR 10uH (DZ570K/DZ777K)	
L701	1-469-525-91	INDUCTOR 10uH	
L1701	1-457-374-21	COIL, COMMON MODE CHOKE	
L1702	1-457-374-21	COIL, COMMON MODE CHOKE	
L1703	1-457-374-21	COIL, COMMON MODE CHOKE	
L1704	1-457-374-21	COIL, COMMON MODE CHOKE	

When IC510 and IC1103 on the Main board are damaged, exchange the new Main board for the Main board which IC damaged.

Ref. No.	Part No.	Description	Remark
L2101	1-457-374-21	COIL, COMMON MODE CHOKE	
L3000	1-469-527-91	INDUCTOR 47uH	
L3051	1-469-525-91	INDUCTOR 10uH	
L3052	1-469-525-91	INDUCTOR 10uH	
L3053	1-469-525-91	INDUCTOR 10uH	
L3054	1-412-939-11	INDUCTOR 1uH	
L3101	1-457-579-11	COIL, CHOKE 10uH	
L3102	1-457-579-11	COIL, CHOKE 10uH	
L3201	1-457-579-11	COIL, CHOKE 10uH	
L3202	1-457-579-11	COIL, CHOKE 10uH	
L3301	1-457-579-11	COIL, CHOKE 10uH	
L3401	1-457-579-11	COIL, CHOKE 10uH	
L3501	1-457-579-11	COIL, CHOKE 10uH (DZ777K)	
L3901	1-457-078-11	COIL, AIR-CORE	
L3902	1-457-077-11	COIL, AIR-CORE	
L3903	1-457-078-11	COIL, AIR-CORE	
L3904	1-457-077-11	COIL, AIR-CORE	
L4501	1-469-527-91	INDUCTOR 47uH	
		< TRANSISTOR >	
Q503	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q631	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q632	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q1101	6-550-008-01	TRANSISTOR UM6K1N-TN	
Q1102	6-550-653-01	TRANSISTOR QST8TR	
Q1103	8-729-027-52	TRANSISTOR DTC124EKA-T146	
Q1701	6-550-008-01	TRANSISTOR UM6K1N-TN	
Q3000	8-729-111-29	TRANSISTOR 2SD1616A-K	
Q3001	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q3002	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q3101	6-551-696-01	TRANSISTOR ISA1235AC1TP-1EF	
Q3102	6-551-696-01	TRANSISTOR ISA1235AC1TP-1EF	
Q3151	6-551-696-01	TRANSISTOR ISA1235AC1TP-1EF	
Q3152	6-551-696-01	TRANSISTOR ISA1235AC1TP-1EF	
Q3201	6-551-696-01	TRANSISTOR ISA1235AC1TP-1EF	
Q3202	6-551-696-01	TRANSISTOR ISA1235AC1TP-1EF	
Q3251	6-551-696-01	TRANSISTOR ISA1235AC1TP-1EF	
Q3252	6-551-696-01	TRANSISTOR ISA1235AC1TP-1EF	
Q3301	6-551-696-01	TRANSISTOR ISA1235AC1TP-1EF	
Q3302	6-551-696-01	TRANSISTOR ISA1235AC1TP-1EF	
Q3401	6-551-696-01	TRANSISTOR ISA1235AC1TP-1EF	
Q3402	6-551-696-01	TRANSISTOR ISA1235AC1TP-1EF	
Q3551	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q3552	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q3553	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q3554	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q3555	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q9724	6-551-699-01	TRANSISTOR ISA1602AM1TP-1EF	
Q9726	8-729-620-13	TRANSISTOR 2SC4154TP-1EF	
Q9728	8-729-620-13	TRANSISTOR 2SC4154TP-1EF	
Q9729	8-729-027-43	TRANSISTOR DTC114EKA-T146	
		< RESISTOR >	
R203	1-218-879-11	METAL CHIP 22K 0.5% 1/10W	(DZ570K/DZ777K)
R208	1-218-879-11	METAL CHIP 22K 0.5% 1/10W	(DZ570K/DZ777K)
R214	1-218-879-11	METAL CHIP 22K 0.5% 1/10W	(DZ570K/DZ777K)
R215	1-218-879-11	METAL CHIP 22K 0.5% 1/10W	(DZ570K/DZ777K)
R220	1-216-821-11	METAL CHIP 1K 5% 1/10W	(DZ570K/DZ777K)
R221	1-218-847-11	METAL CHIP 1K 0.5% 1/10W	(DZ570K/DZ777K)
R222	1-218-885-11	METAL CHIP 39K 0.5% 1/10W	(DZ570K/DZ777K)
R223	1-218-871-11	METAL CHIP 10K 0.5% 1/10W	(DZ570K/DZ777K)
R227	1-218-879-11	METAL CHIP 22K 0.5% 1/10W	(DZ570K/DZ777K)
R228	1-218-879-11	METAL CHIP 22K 0.5% 1/10W	(DZ570K/DZ777K)
R229	1-218-879-11	METAL CHIP 22K 0.5% 1/10W	(DZ570K/DZ777K)
R230	1-218-879-11	METAL CHIP 22K 0.5% 1/10W	(DZ570K/DZ777K)
R231	1-216-827-11	METAL CHIP 3.3K 5% 1/10W	(DZ570K/DZ777K)
R232	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	(DZ570K/DZ777K)
R501	1-216-857-11	METAL CHIP 1M 5% 1/10W	
R504	1-216-821-11	METAL CHIP 1K 5% 1/10W	(PH,SP,TH)
R504	1-216-833-11	METAL CHIP 10K 5% 1/10W	(EA)
R504	1-216-841-11	METAL CHIP 47K 5% 1/10W	(RU)
R505	1-216-823-11	METAL CHIP 1.5K 5% 1/10W	(RU)
R505	1-216-841-11	METAL CHIP 47K 5% 1/10W	(EA)
R506	1-216-833-11	METAL CHIP 10K 5% 1/10W	(DZ265K/DZ266K/DZ270K)
R506	1-216-841-11	METAL CHIP 47K 5% 1/10W	(DZ570K)
R507	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	(DZ777K)
R507	1-216-835-11	METAL CHIP 15K 5% 1/10W	(DZ570K)
R507	1-216-841-11	METAL CHIP 47K 5% 1/10W	(DZ265K/DZ266K/DZ270K)
R508	1-216-864-11	SHORT CHIP 0	
R509	1-216-809-11	METAL CHIP 100 5% 1/10W	
R510	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R511	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R512	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R513	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R514	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R515	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R516	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R517	1-216-809-11	METAL CHIP 100 5% 1/10W	
R518	1-216-809-11	METAL CHIP 100 5% 1/10W	
R519	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R526	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R527	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R528	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R529	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R530	1-216-809-11	METAL CHIP 100 5% 1/10W	
R531	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R532	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R533	1-216-809-11	METAL CHIP 100 5% 1/10W	
R534	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R535	1-216-809-11	METAL CHIP 100 5% 1/10W	
R536	1-216-864-11	SHORT CHIP 0	

MAIN

Ref. No.	Part No.	Description			Remark
R537	1-216-821-11	METAL CHIP	1K	5%	1/10W
R539	1-216-833-11	METAL CHIP	10K	5%	1/10W
R540	1-216-833-11	METAL CHIP	10K	5%	1/10W
R541	1-216-821-11	METAL CHIP	1K	5%	1/10W
R542	1-216-833-11	METAL CHIP	10K	5%	1/10W
R543	1-216-864-11	SHORT CHIP	0 (DZ570K/DZ777K)		
R544	1-216-833-11	METAL CHIP	10K	5%	1/10W
R546	1-216-821-11	METAL CHIP	1K	5%	1/10W
R547	1-216-864-11	SHORT CHIP	0		
R548	1-216-864-11	SHORT CHIP	0		
R549	1-218-885-11	METAL CHIP	39K	0.5%	1/10W
R551	1-216-809-11	METAL CHIP	100	5%	1/10W
R552	1-216-821-11	METAL CHIP	1K	5%	1/10W
R553	1-216-833-11	METAL CHIP	10K	5%	1/10W (DZ570K/DZ777K)
R555	1-216-833-11	METAL CHIP	10K	5%	1/10W
R556	1-216-841-11	METAL CHIP	47K	5%	1/10W
R557	1-216-841-11	METAL CHIP	47K	5%	1/10W
R558	1-216-833-11	METAL CHIP	10K	5%	1/10W
R559	1-216-833-11	METAL CHIP	10K	5%	1/10W
R560	1-216-833-11	METAL CHIP	10K	5%	1/10W
R561	1-216-845-11	METAL CHIP	100K	5%	1/10W
R562	1-216-841-11	METAL CHIP	47K	5%	1/10W
R563	1-216-833-11	METAL CHIP	10K	5%	1/10W
R564	1-216-864-11	SHORT CHIP	0		
R565	1-216-864-11	SHORT CHIP	0		
R566	1-216-864-11	SHORT CHIP	0		
R567	1-216-864-11	SHORT CHIP	0		
R568	1-216-864-11	SHORT CHIP	0		
R569	1-216-864-11	SHORT CHIP	0		
R572	1-218-851-11	METAL CHIP	1.5K	0.5%	1/10W
R573	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R576	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R577	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R578	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R579	1-216-809-11	METAL CHIP	100	5%	1/10W
R580	1-216-809-11	METAL CHIP	100	5%	1/10W
R581	1-216-809-11	METAL CHIP	100	5%	1/10W
R582	1-216-833-11	METAL CHIP	10K	5%	1/10W
R583	1-216-841-11	METAL CHIP	47K	5%	1/10W
R584	1-216-821-11	METAL CHIP	1K	5%	1/10W
R586	1-216-833-11	METAL CHIP	10K	5%	1/10W
R587	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R588	1-218-885-11	METAL CHIP	39K	0.5%	1/10W
R589	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R590	1-216-821-11	METAL CHIP	1K	5%	1/10W
R592	1-216-864-11	SHORT CHIP	0		
R593	1-216-833-11	METAL CHIP	10K	5%	1/10W
R595	1-216-833-11	METAL CHIP	10K	5%	1/10W
R596	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R597	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R598	1-218-851-11	METAL CHIP	1.5K	0.5%	1/10W
R599	1-216-821-11	METAL CHIP	1K	5%	1/10W
R601	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ265K/DZ266K)
R602	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ265K/DZ266K)
R603	1-216-809-11	METAL CHIP	100	5%	1/10W
R604	1-216-809-11	METAL CHIP	100	5%	1/10W
R605	1-216-809-11	METAL CHIP	100	5%	1/10W
R606	1-216-809-11	METAL CHIP	100	5%	1/10W
R607	1-216-809-11	METAL CHIP	100	5%	1/10W
R608	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R609	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R611	1-216-809-11	METAL CHIP	100	5%	1/10W
R612	1-216-809-11	METAL CHIP	100	5%	1/10W
R613	1-216-809-11	METAL CHIP	100	5%	1/10W
R614	1-216-809-11	METAL CHIP	100	5%	1/10W
R615	1-216-809-11	METAL CHIP	100	5%	1/10W
R616	1-216-809-11	METAL CHIP	100	5%	1/10W
R617	1-216-809-11	METAL CHIP	100	5%	1/10W
R618	1-216-809-11	METAL CHIP	100	5%	1/10W
R619	1-216-864-11	SHORT CHIP	0		
R620	1-216-809-11	METAL CHIP	100	5%	1/10W
R621	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ570K/DZ777K)
R626	1-216-833-11	METAL CHIP	10K	5%	1/10W
R627	1-216-837-11	METAL CHIP	22K	5%	1/10W
R628	1-216-841-11	METAL CHIP	47K	5%	1/10W
R631	1-216-833-11	METAL CHIP	10K	5%	1/10W
R632	1-216-841-11	METAL CHIP	47K	5%	1/10W
R633	1-216-864-11	SHORT CHIP	0		
R634	1-216-864-11	SHORT CHIP	0		
R635	1-216-809-11	METAL CHIP	100	5%	1/10W
R636	1-216-864-11	SHORT CHIP	0		
R637	1-216-809-11	METAL CHIP	100	5%	1/10W
R638	1-216-864-11	SHORT CHIP	0 (DZ570K/DZ777K)		
R639	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ570K/DZ777K)
R648	1-216-864-11	SHORT CHIP	0		
R650	1-216-809-11	METAL CHIP	100	5%	1/10W
R651	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ570K/DZ777K)
R652	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ570K/DZ777K)
R654	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ570K/DZ777K)
R655	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ570K/DZ777K)
R656	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ570K/DZ777K)
R657	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ570K/DZ777K)
R660	1-216-864-11	SHORT CHIP	0 (DZ570K/DZ777K)		
R661	1-216-864-11	SHORT CHIP	0 (DZ570K/DZ777K)		
R662	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ570K/DZ777K)
R663	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ570K/DZ777K)
R664	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ570K/DZ777K)
R666	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ570K/DZ777K)
R667	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ570K/DZ777K)
R681	1-216-864-11	SHORT CHIP	0 (DZ270K/DZ570K/DZ777K)		
R682	1-216-864-11	SHORT CHIP	0 (DZ270K/DZ570K/DZ777K)		
R683	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ570K/DZ777K)
R685	1-216-864-11	SHORT CHIP	0 (DZ570K/DZ777K)		
R690	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ570K/DZ777K)
R691	1-216-864-11	SHORT CHIP	0		
R692	1-216-864-11	SHORT CHIP	0		

Ref. No.	Part No.	Description			Remark
R693	1-216-864-11	SHORT CHIP	0		
R694	1-216-864-11	SHORT CHIP	0		
R695	1-216-864-11	SHORT CHIP	0		
R696	1-216-864-11	SHORT CHIP	0		
R697	1-216-864-11	SHORT CHIP	0		
R709	1-216-864-11	SHORT CHIP	0		
R721	1-216-864-11	SHORT CHIP	0		
R778	1-216-864-11	SHORT CHIP	0		
R780	1-216-805-11	METAL CHIP	47	5%	1/10W
R781	1-216-805-11	METAL CHIP	47	5%	1/10W
R782	1-216-801-11	METAL CHIP	22	5%	1/10W
R783	1-216-801-11	METAL CHIP	22	5%	1/10W
R784	1-216-801-11	METAL CHIP	22	5%	1/10W
R785	1-216-801-11	METAL CHIP	22	5%	1/10W
R787	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ570K/DZ777K)
R788	1-216-864-11	SHORT CHIP	0		
R790	1-216-864-11	SHORT CHIP	0		
R791	1-216-864-11	SHORT CHIP	0		
R793	1-216-864-11	SHORT CHIP	0		
R794	1-216-864-11	SHORT CHIP	0		
R1101	1-216-809-11	METAL CHIP	100	5%	1/10W
R1102	1-216-864-11	SHORT CHIP	0		
R1103	1-218-864-11	METAL CHIP	5.1K	0.5%	1/10W
R1105	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1106	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1107	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1108	1-216-857-11	METAL CHIP	1M	5%	1/10W
R1109	1-216-864-11	SHORT CHIP	0		
R1110	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1111	1-216-809-11	METAL CHIP	100	5%	1/10W
R1112	1-211-977-11	METAL CHIP	22	0.5%	1/10W
R1113	1-211-977-11	METAL CHIP	22	0.5%	1/10W
R1114	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1115	1-211-977-11	METAL CHIP	22	0.5%	1/10W
R1116	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1117	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1118	1-216-801-11	METAL CHIP	22	5%	1/10W
R1120	1-216-801-11	METAL CHIP	22	5%	1/10W
R1121	1-216-801-11	METAL CHIP	22	5%	1/10W
R1123	1-216-864-11	SHORT CHIP	0		
R1124	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1125	1-216-805-11	METAL CHIP	47	5%	1/10W
R1132	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1133	1-216-864-11	SHORT CHIP	0		
R1135	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1136	1-216-835-11	METAL CHIP	15K	5%	1/10W
R1137	1-216-864-11	SHORT CHIP	0		
R1139	1-216-864-11	SHORT CHIP	0		
R1140	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1141	1-216-855-11	METAL CHIP	680K	5%	1/10W
R1142	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1145	1-216-864-11	SHORT CHIP	0		
R1146	1-216-805-11	METAL CHIP	47	5%	1/10W
R1147	1-216-864-11	SHORT CHIP	0		
R1148	1-216-864-11	SHORT CHIP	0		
R1151	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1152	1-216-864-11	SHORT CHIP	0		
R1153	1-216-864-11	SHORT CHIP	0		
R1154	1-216-864-11	SHORT CHIP	0		
R1155	1-216-864-11	SHORT CHIP	0		

Ref. No.	Part No.	Description			Remark
R1156	1-216-809-11	METAL CHIP	100	5%	1/10W
R1159	1-216-805-11	METAL CHIP	47	5%	1/10W
R1160	1-216-805-11	METAL CHIP	47	5%	1/10W
R1161	1-216-801-11	METAL CHIP	22	5%	1/10W
R1171	1-216-809-11	METAL CHIP	100	5%	1/10W
R1175	1-216-864-11	SHORT CHIP	0		
R1176	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1181	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1182	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1183	1-216-805-11	METAL CHIP	47	5%	1/10W
R1184	1-216-805-11	METAL CHIP	47	5%	1/10W
R1185	1-216-805-11	METAL CHIP	47	5%	1/10W
R1191	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1193	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1198	1-216-809-11	METAL CHIP	100	5%	1/10W
R1204	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R1205	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1206	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1207	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R1208	1-216-839-11	METAL CHIP	33K	5%	1/10W
R1209	1-216-839-11	METAL CHIP	33K	5%	1/10W
R1210	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1212	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1213	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1214	1-216-835-11	METAL CHIP	15K	5%	1/10W
R1215	1-216-834-11	METAL CHIP	12K	5%	1/10W
R1216	1-216-834-11	METAL CHIP	12K	5%	1/10W
R1219	1-216-838-11	METAL CHIP	27K	5%	1/10W
R1220	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1221	1-218-889-11	METAL CHIP	56K	0.5%	1/10W
R1222	1-216-839-11	METAL CHIP	33K	5%	1/10W
R1223	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R1224	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1225	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R1226	1-218-889-11	METAL CHIP	56K	0.5%	1/10W
R1227	1-216-864-11	SHORT CHIP	0		
R1228	1-216-864-11	SHORT CHIP	0		
R1230	1-218-893-11	METAL CHIP	82K	0.5%	1/10W
R1231	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R1232	1-218-877-11	METAL CHIP	18K	0.5%	1/10W
R1233	1-218-883-11	METAL CHIP	33K	0.5%	1/10W
R1234	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1236	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1237	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1238	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1239	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1243	1-216-805-11	METAL CHIP	47	5%	1/10W
R1246	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1247	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1730	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R1742	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1743	1-216-864-11	SHORT CHIP	0 (DZ570K/DZ777K)		
R1744	1-216-829-11	METAL CHIP	4.7K	5%	1/10W (DZ265K/DZ266K/DZ270K)
R1747	1-216-864-11	SHORT CHIP	0		
R1748	1-216-864-11	SHORT CHIP	0		
R1749	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R1750	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R1751	1-216-864-11	SHORT CHIP	0		
R1752	1-216-864-11	SHORT CHIP	0		
R1753	1-216-864-11	SHORT CHIP	0		

MAIN

Ref. No.	Part No.	Description			Remark
R1754	1-216-864-11	SHORT CHIP	0		
R1757	1-216-864-11	SHORT CHIP	0 (DZ265K/DZ266K/DZ270K)		
R1781	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1782	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1783	1-216-864-11	SHORT CHIP	0		
R1784	1-216-864-11	SHORT CHIP	0		
R1785	1-216-864-11	SHORT CHIP	0		
R1786	1-216-864-11	SHORT CHIP	0		
R2101	1-218-841-11	METAL CHIP	560	0.5%	1/10W
R2103	1-216-864-11	SHORT CHIP	0		
R2104	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R2108	1-216-864-11	SHORT CHIP	0		
R2110	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R2111	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2112	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2114	1-216-801-11	METAL CHIP	22	5%	1/10W
R2115	1-216-864-11	SHORT CHIP	0		
R2116	1-216-864-11	SHORT CHIP	0		
R2119	1-216-864-11	SHORT CHIP	0		
R2121	1-216-864-11	SHORT CHIP	0		
R2123	1-216-864-11	SHORT CHIP	0		
R2127	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2128	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2129	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2133	1-216-864-11	SHORT CHIP	0		
R2134	1-216-864-11	SHORT CHIP	0		
R2135	1-216-805-11	METAL CHIP	47	5%	1/10W
R2137	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2138	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2150	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R2151	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R2152	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R2155	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2156	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2157	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2158	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2159	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2160	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2167	1-216-864-11	SHORT CHIP	0		
R2168	1-216-815-11	METAL CHIP	330	5%	1/10W
R2176	1-216-864-11	SHORT CHIP	0		
R2177	1-216-864-11	SHORT CHIP	0		
R2178	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2179	1-216-809-11	METAL CHIP	100	5%	1/10W
R2180	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2181	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2182	1-216-864-11	SHORT CHIP	0		
R2184	1-216-809-11	METAL CHIP	100	5%	1/10W
R2185	1-216-809-11	METAL CHIP	100	5%	1/10W
R2188	1-216-864-11	SHORT CHIP	0		
R2189	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2191	1-245-287-11	METAL CHIP	0.1	1%	1W
R2192	1-218-835-11	METAL CHIP	330	0.5%	1/10W
R2193	1-218-883-11	METAL CHIP	33K	0.5%	1/10W
R2194	1-218-883-11	METAL CHIP	33K	0.5%	1/10W
R2195	1-216-809-11	METAL CHIP	100	5%	1/10W
R2201	1-216-864-11	SHORT CHIP	0		
R2203	1-216-864-11	SHORT CHIP	0		
R2746	1-216-864-11	SHORT CHIP	0		
R3001	1-216-833-11	METAL CHIP	10K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R3002	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3003	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3004	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3011	1-216-817-11	METAL CHIP	470	5%	1/10W
R3012	1-216-817-11	METAL CHIP	470	5%	1/10W
R3013	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3014	1-216-801-11	METAL CHIP	22	5%	1/10W
R3015	1-216-809-11	METAL CHIP	100	5%	1/10W
R3017	1-216-809-11	METAL CHIP	100	5%	1/10W
R3021	1-216-817-11	METAL CHIP	470	5%	1/10W
R3022	1-216-817-11	METAL CHIP	470	5%	1/10W
R3023	1-216-801-11	METAL CHIP	22	5%	1/10W
R3024	1-216-809-11	METAL CHIP	100	5%	1/10W
R3026	1-216-809-11	METAL CHIP	100	5%	1/10W
R3031	1-216-817-11	METAL CHIP	470	5%	1/10W
R3032	1-216-817-11	METAL CHIP	470	5%	1/10W
R3033	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3034	1-216-801-11	METAL CHIP	22	5%	1/10W
R3035	1-216-809-11	METAL CHIP	100	5%	1/10W
R3037	1-216-809-11	METAL CHIP	100	5%	1/10W
R3040	1-216-864-11	SHORT CHIP	0		
R3041	1-216-864-11	SHORT CHIP	0		
R3042	1-216-864-11	SHORT CHIP	0		
R3043	1-216-864-11	SHORT CHIP	0		
R3044	1-216-864-11	SHORT CHIP	0		
R3047	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3049	1-216-864-11	SHORT CHIP	0		
R3050	1-216-864-11	SHORT CHIP	0		
R3051	1-216-097-11	RES-CHIP	100K	5%	1/10W
R3052	1-216-857-11	METAL CHIP	1M	5%	1/10W
R3053	1-216-817-11	METAL CHIP	470	5%	1/10W
R3054	1-216-809-11	METAL CHIP	100	5%	1/10W
R3055	1-216-805-11	METAL CHIP	47	5%	1/10W
R3057	1-216-805-11	METAL CHIP	47	5%	1/10W
R3058	1-216-864-11	SHORT CHIP	0		
R3059	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3060	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3061	1-216-864-11	SHORT CHIP	0		
R3063	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3064	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3065	1-216-809-11	METAL CHIP	100	5%	1/10W
R3066	1-216-809-11	METAL CHIP	100	5%	1/10W
R3067	1-216-809-11	METAL CHIP	100	5%	1/10W
R3068	1-216-809-11	METAL CHIP	100	5%	1/10W
R3069	1-216-809-11	METAL CHIP	100	5%	1/10W
R3070	1-216-809-11	METAL CHIP	100	5%	1/10W
R3071	1-216-809-11	METAL CHIP	100	5%	1/10W
R3072	1-216-809-11	METAL CHIP	100	5%	1/10W
R3073	1-216-809-11	METAL CHIP	100	5%	1/10W
R3074	1-216-809-11	METAL CHIP	100	5%	1/10W
R3075	1-216-809-11	METAL CHIP	100	5%	1/10W
R3076	1-216-809-11	METAL CHIP	100	5%	1/10W
R3077	1-216-809-11	METAL CHIP	100	5%	1/10W
R3078	1-216-809-11	METAL CHIP	100	5%	1/10W
R3079	1-216-809-11	METAL CHIP	100	5%	1/10W
R3080	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3097	1-216-809-11	METAL CHIP	100	5%	1/10W
R3101	1-216-809-11	METAL CHIP	100	5%	1/10W
R3102	1-216-809-11	METAL CHIP	100	5%	1/10W
R3103	1-216-864-11	SHORT CHIP	0		

Ref. No.	Part No.	Description			Remark
R3104	1-216-864-11	SHORT CHIP	0		
R3107	1-216-835-11	METAL CHIP	15K	5%	1/10W
R3115	1-216-864-11	SHORT CHIP	0		
R3116	1-216-864-11	SHORT CHIP	0		
R3125	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3126	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3127	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3151	1-216-809-11	METAL CHIP	100	5%	1/10W
R3152	1-216-809-11	METAL CHIP	100	5%	1/10W
R3153	1-216-864-11	SHORT CHIP	0		
R3154	1-216-864-11	SHORT CHIP	0		
R3157	1-216-835-11	METAL CHIP	15K	5%	1/10W
R3165	1-216-864-11	SHORT CHIP	0		
R3166	1-216-864-11	SHORT CHIP	0		
R3175	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3176	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3177	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3201	1-216-809-11	METAL CHIP	100	5%	1/10W
R3202	1-216-809-11	METAL CHIP	100	5%	1/10W
R3203	1-216-864-11	SHORT CHIP	0		
R3204	1-216-864-11	SHORT CHIP	0		
R3207	1-216-835-11	METAL CHIP	15K	5%	1/10W
R3215	1-216-864-11	SHORT CHIP	0		
R3216	1-216-864-11	SHORT CHIP	0		
R3225	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3226	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3227	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3251	1-216-809-11	METAL CHIP	100	5%	1/10W
R3252	1-216-809-11	METAL CHIP	100	5%	1/10W
R3253	1-216-864-11	SHORT CHIP	0		
R3254	1-216-864-11	SHORT CHIP	0		
R3257	1-216-835-11	METAL CHIP	15K	5%	1/10W
R3265	1-216-864-11	SHORT CHIP	0		
R3266	1-216-864-11	SHORT CHIP	0		
R3275	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3276	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3277	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3301	1-216-809-11	METAL CHIP	100	5%	1/10W
R3302	1-216-809-11	METAL CHIP	100	5%	1/10W
R3303	1-216-864-11	SHORT CHIP	0		
R3304	1-216-864-11	SHORT CHIP	0		
R3307	1-216-835-11	METAL CHIP	15K	5%	1/10W
R3315	1-216-864-11	SHORT CHIP	0		
R3316	1-216-864-11	SHORT CHIP	0		
R3325	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3326	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3327	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3401	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ777K)
R3402	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ777K)
R3403	1-216-864-11	SHORT CHIP	0		
R3404	1-216-864-11	SHORT CHIP	0		
R3407	1-216-835-11	METAL CHIP	15K	5%	1/10W
R3415	1-216-864-11	SHORT CHIP	0		
R3416	1-216-864-11	SHORT CHIP	0		
R3425	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3426	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3427	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3501	1-216-809-11	METAL CHIP	100	5%	1/10W
R3502	1-216-809-11	METAL CHIP	100	5%	1/10W
R3503	1-216-864-11	SHORT CHIP	0 (DZ777K)		
R3504	1-216-864-11	SHORT CHIP	0 (DZ777K)		
R3507	1-216-835-11	METAL CHIP	15K (DZ777K)	5%	1/10W
R3515	1-216-864-11	SHORT CHIP	0 (DZ777K)		
R3516	1-216-864-11	SHORT CHIP	0 (DZ777K)		
R3551	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3552	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3553	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3554	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3555	1-216-864-11	SHORT CHIP	0		
R3556	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3558	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3559	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3560	1-216-864-11	SHORT CHIP	0		
R3561	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3562	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3563	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3901	1-216-296-11	SHORT CHIP	0		
R3902	1-216-296-11	SHORT CHIP	0		
R3905	1-216-296-11	SHORT CHIP	0		
R3906	1-216-296-11	SHORT CHIP	0		
R3907	1-216-864-11	SHORT CHIP	0		
R3911	1-216-864-11	SHORT CHIP	0		
R3912	1-216-864-11	SHORT CHIP	0		
R3913	1-216-864-11	SHORT CHIP	0		
R3914	1-216-864-11	SHORT CHIP	0		
R3917	1-216-864-11	SHORT CHIP	0		
R3918	1-216-864-11	SHORT CHIP	0		
R3919	1-216-864-11	SHORT CHIP	0		
R3920	1-216-864-11	SHORT CHIP	0 (DZ777K)		
R3921	1-216-864-11	SHORT CHIP	0 (DZ777K)		
R4501	1-216-801-11	METAL CHIP	22	5%	1/10W
R4502	1-216-801-11	METAL CHIP	22	5%	1/10W
R4510	1-216-805-11	METAL CHIP	47	5%	1/10W
R4511	1-216-803-11	METAL CHIP	33	5%	1/10W
R4512	1-216-805-11	METAL CHIP	47	5%	1/10W
R4513	1-216-805-11	METAL CHIP	47	5%	1/10W
R4514	1-216-805-11	METAL CHIP	47	5%	1/10W
R4515	1-216-805-11	METAL CHIP	47	5%	1/10W
R4516	1-216-805-11	METAL CHIP	47	5%	1/10W
R4518	1-216-864-11	SHORT CHIP	0		
R4716	1-216-864-11	SHORT CHIP	0		
R4717	1-216-864-11	SHORT CHIP	0		
R4718	1-216-864-11	SHORT CHIP	0		
R4719	1-216-864-11	SHORT CHIP	0		
R4721	1-216-864-11	SHORT CHIP	0		
R4805	1-216-801-11	METAL CHIP	22	5%	1/10W
R9918	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9920	1-216-864-11	SHORT CHIP	0		
R9922	1-216-833-11	METAL CHIP	10K	5%	1/10W
R9924	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9928	1-216-837-11	METAL CHIP	22K	5%	1/10W
R9929	1-216-837-11	METAL CHIP	22K	5%	1/10W
R9934	1-216-833-11	METAL CHIP	10K	5%	1/10W
R9935	1-216-864-11	SHORT CHIP	0		
R9941	1-216-838-11	METAL CHIP	27K	5%	1/10W
R9945	1-216-813-11	METAL CHIP	220	5%	1/10W

MAIN **MS-203** **POWER**

Ref. No.	Part No.	Description			Remark
		< NETWORK RESISTOR >			
RB1103	1-234-400-21	CONDUCTOR, NETWORK 0X4 (1005)			
RB1104	1-234-400-21	CONDUCTOR, NETWORK 0X4 (1005)			
RB1105	1-234-944-21	RES, NETWORK 47X4 (1005)			
RB1106	1-234-944-21	RES, NETWORK 47X4 (1005)			
RB1107	1-234-944-21	RES, NETWORK 47X4 (1005)			
RB1108	1-234-944-21	RES, NETWORK 47X4 (1005)			
RB1109	1-234-400-21	CONDUCTOR, NETWORK 0X4 (1005)			
RB1110	1-234-400-21	CONDUCTOR, NETWORK 0X4 (1005)			
RB1111	1-234-400-21	CONDUCTOR, NETWORK 0X4 (1005)			
RB1112	1-234-400-21	CONDUCTOR, NETWORK 0X4 (1005)			
RB1113	1-234-400-21	CONDUCTOR, NETWORK 0X4 (1005)			
RB1114	1-234-400-21	CONDUCTOR, NETWORK 0X4 (1005)			
RB1115	1-234-400-21	CONDUCTOR, NETWORK 0X4 (1005)			
		< TERMINAL BOARD >			
TB3901	1-780-453-11	TERMINAL BOARD (SPEAKER) 2P (SPEAKER (CENTER,SUBWOOFER))			
		< VIBRATOR >			
X501	1-795-058-21	VIBRATOR, CERAMIC (12.288MHz)			
X1101	1-795-630-11	VIBRATOR, CRYSTAL (27MHz)			
X3051	1-795-660-21	QUARTZ CRYSTAL UNIT (49.1MHz)			
**********					
		MS-203 BOARD			
		**********			
		< CONNECTOR >			
CN001	1-815-412-11	CONNECTOR, FFC/FPC 5P			
		< SWITCH >			
S001	1-786-693-11	SWITCH, DETECTION (CHUCK/TRAY DETECT)			
**********					
	A-1382-421-A	POWER BOARD, COMPLETE (DZ265K/DZ266K/DZ270K:PH,SP)			
	A-1382-609-A	POWER BOARD, COMPLETE (DZ270K:EA)			
	A-1392-694-A	POWER BOARD, COMPLETE (DZ570K:PH,SP/DZ777K:SP)			
	A-1452-056-A	POWER BOARD, COMPLETE (DZ570K:EA)			
	A-1519-580-A	POWER BOARD, COMPLETE (DZ270K:TH)			
	A-1519-582-A	POWER BOARD, COMPLETE (DZ570K:TH/DZ777K:TH)			
		**********			
	1-533-217-41	HOLDER, FUSE			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
	7-685-647-79	SCREW +BVTP 3X10 TYPE2 IT-3			
		< CAPACITOR >			
⚠ C901	1-165-529-11	MYLAR	0.22uF	10%	275V
⚠ C902	1-165-529-11	MYLAR	0.22uF	10%	275V
⚠ C903	1-112-333-11	ELECT(BLOCK)	330uF	20%	450V
⚠ C905	1-112-335-11	FILM	0.0033uF	5%	400V
⚠ C906	1-117-815-11	FILM	0.001uF	3%	1.5KV
C907	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C908	1-104-962-11	ELECT	47uF	20%	35V
C909	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C910	1-107-907-11	ELECT	22uF	20%	50V (EXCEPT EA)

Ref. No.	Part No.	Description			Remark
C910	1-126-967-11	ELECT	47uF	20%	50V (EA)
C911	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C912	1-126-947-11	ELECT	47uF	20%	35V
⚠ C913	1-112-866-51	CERAMIC	100PF	10%	250V
C916	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
⚠ C918	1-112-887-51	CERAMIC	0.01uF	20%	250V
⚠ C920	1-112-887-51	CERAMIC	0.01uF	20%	250V
⚠ C921	1-117-220-81	CERAMIC	150PF	5%	2KV
C922	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C923	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
⚠ C924	1-112-335-11	FILM	0.0033uF	5%	400V
⚠ C925	1-107-974-81	CERAMIC	47PF	5%	2KV
⚠ C926	1-128-560-11	ELECT	22uF	20%	100V
C927	1-128-947-31	ELECT	3300uF	20%	10V
C928	1-137-947-21	ELECT	2700uF	20%	16V
C929	1-128-954-11	ELECT	1000uF	20%	25V
⚠ C930	1-112-866-51	CERAMIC	100PF	10%	250V
C932	1-100-924-21	ELECT	2200uF	20%	35V
C933	1-100-924-21	ELECT	2200uF	20%	35V
C934	1-112-831-11	ELECT	2200uF	20%	35V
C935	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C936	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C937	1-100-756-11	CERAMIC CHIP	0.047uF		50V
⚠ C938	1-112-869-51	CERAMIC	470PF	10%	250V
C939	1-136-165-00	FILM	0.1uF	5%	50V
C940	1-128-950-31	ELECT	1000uF	20%	16V
C942	1-126-941-11	ELECT	470uF	20%	25V
C943	1-126-934-11	ELECT	220uF	20%	16V
C945	1-126-935-11	ELECT	470uF	20%	16V
C948	1-126-925-11	ELECT	470uF	20%	10V
C950	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C951	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
⚠ C963	1-112-869-51	CERAMIC	470PF	10%	250V
⚠ C964	1-112-869-51	CERAMIC	470PF	10%	250V
C969	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C970	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C971	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C975	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C976	1-126-933-11	ELECT	100uF	20%	16V
C983	1-104-760-11	CERAMIC CHIP	0.047uF	10%	50V
C984	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C987	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V (DZ570K/DZ777K)
C990	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C991	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C992	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C993	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
⚠ C994	1-112-869-51	CERAMIC	470PF	10%	250V (EA)
C995	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C996	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C997	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
		< CONNECTOR >			
CN901	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P			
CN904	1-785-102-11	PIN, CONNECTOR (3.96mm PITCH) 4P			
* CN906	1-564-715-11	PIN, CONNECTOR (SMALL TYPE) 13P			
CN908	1-564-505-11	PLUG, CONNECTOR 2P (DZ570K/DZ777K)			

Ref. No.	Part No.	Description	Remark
		< DIODE >	
D901	8-719-082-57	DIODE D5SBA60F01	
D902	8-719-063-74	DIODE D1NL20U-TR2	
⚠ D903	6-500-241-01	DIODE SARS03	
D905	8-719-063-74	DIODE D1NL20U-TR2	
D906	6-501-817-01	DIODE MA2J1110GLS0	
D907	6-501-817-01	DIODE MA2J1110GLS0	
D908	6-501-817-01	DIODE MA2J1110GLS0	
D909	6-501-817-01	DIODE MA2J1110GLS0	
D910	6-501-817-01	DIODE MA2J1110GLS0	
D911	8-719-510-12	DIODE D10SC4M	
D912	8-719-510-41	DIODE D10SC9M	
⚠ D913	6-500-241-01	DIODE SARS03	
D914	6-501-817-01	DIODE MA2J1110GLS0	
D916	6-501-412-01	DIODE SF5S6	
D921	6-502-234-01	DIODE EG01CLF-F7	
D922	6-501-817-01	DIODE MA2J1110GLS0	
D923	6-501-817-01	DIODE MA2J1110GLS0	
D924	6-501-817-01	DIODE MA2J1110GLS0	
D931	6-501-849-01	DIODE FMX-22SL	
D941	6-501-817-01	DIODE MA2J1110GLS0	
D947	6-501-412-01	DIODE SF5S6	
D948	6-501-817-01	DIODE MA2J1110GLS0	
D949	6-501-817-01	DIODE MA2J1110GLS0	
DZ901	6-501-782-01	DIODE MAZ8180GMLS0	
DZ902	6-502-231-01	DIODE MAZ8220GLLSO	
DZ903	6-501-768-01	DIODE MAZ8120GMLS0	
DZ904	6-501-734-01	DIODE MAZ8056GMLS0	
DZ915	6-501-760-01	DIODE MAZ8100GMLS0	
DZ932	6-501-734-01	DIODE MAZ8056GMLS0	
DZ953	6-501-713-01	DIODE MAZ8033G0LS0	
		< GROUND TERMINAL >	
EB902	1-537-770-21	TERMINAL BOARD, GROUND	
EB904	1-537-770-21	TERMINAL BOARD, GROUND	
EB907	1-537-770-21	TERMINAL BOARD, GROUND	
		< FUSE >	
⚠ F945	1-576-794-11	FUSE, MICRO (1608) 2A	
		< RESISTOR >	
⚠ FR929	1-246-373-11	FUSIBLE 1 10% 1/2W F	
		< IC >	
IC901	6-707-742-01	IC STR-F6168-LF1352	
IC921	6-711-790-01	IC MR4020-7103	
IC922	6-707-743-01	IC TA76L431S(TPE6,Q)	
IC931	8-759-648-34	IC TA76431AS(TPE6)	
IC941	6-712-613-01	IC SI-3010KM-TLS	
		< COIL >	
L931	1-457-438-11	COIL, CHOKE 5.6uH	
L944	1-414-398-11	INDUCTOR 10uH	
L945	1-414-398-11	INDUCTOR 10uH	
L947	1-414-398-11	INDUCTOR 10uH	
L948	1-414-398-11	INDUCTOR 10uH	
L953	1-414-398-11	INDUCTOR 10uH	
L954	1-457-578-11	COIL, CHOKE 10uH	
L956	1-457-578-11	COIL, CHOKE 10uH	

Ref. No.	Part No.	Description	Remark
		< LINE FILTER >	
⚠ LF901	1-457-054-21	COIL, LINE FILTER (EXCEPT EA)	
⚠ LF901	1-457-449-11	COIL, LINE FILTER (EA)	
⚠ LF902	1-457-054-21	COIL, LINE FILTER (EXCEPT EA)	
⚠ LF902	1-457-449-11	COIL, LINE FILTER (EA)	
		< PHOTO COUPLER >	
⚠ PC901	6-600-438-01	PHOTO COUPLER TLP421F(D4-GRJ)	
⚠ PC902	6-600-438-01	PHOTO COUPLER TLP421F(D4-GRJ)	
⚠ PC903	6-600-276-01	PHOTO COUPLER PS2561AL1-1-V-W	
⚠ PC904	6-600-276-01	PHOTO COUPLER PS2561AL1-1-V-W	
		< THERMISTOR (POSITIVE) >	
⚠ PS954	1-802-595-11	THERMISTOR, POSITIVE MF-R250	
⚠ PS956	1-802-596-11	THERMISTOR, POSITIVE MF-R300	
		< TRANSISTOR >	
Q901	8-729-201-53	TRANSISTOR 2SA1015-GR	
Q921	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q922	6-550-702-01	TRANSISTOR 2SC3243-TP-E	
Q930	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q931	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q932	8-729-038-28	TRANSISTOR RT1N441C-TP-1	
Q943	8-729-038-28	TRANSISTOR RT1N441C-TP-1	
Q945	6-550-718-01	FET RSR025N03TL	
Q947	8-729-038-28	TRANSISTOR RT1N441C-TP-1	
Q949	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q950	8-729-038-28	TRANSISTOR RT1N441C-TP-1	
		< RESISTOR >	
⚠ R901	1-240-938-11	METAL 1.5M 5% 1/2W F	
⚠ R903	1-215-929-11	METAL OXIDE 100K 5% 3W F	
⚠ R904	1-215-929-11	METAL OXIDE 100K 5% 3W F	
R905	1-216-797-11	METAL CHIP 10 5% 1/10W	
R906	1-216-827-11	METAL CHIP 3.3K 5% 1/10W	
R907	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R908	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	
R909	1-216-845-11	METAL CHIP 100K 5% 1/10W	
R910	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
R911	1-216-813-11	METAL CHIP 220 5% 1/10W	
⚠ R912	1-216-363-00	METAL OXIDE 0.33 5% 2W F	
⚠ R914	1-220-891-11	METAL 0.1 10% 5W F	
⚠ R916	1-215-929-11	METAL OXIDE 100K 5% 3W F	
R917	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	
R919	1-216-837-11	METAL CHIP 22K 5% 1/10W	
R920	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R921	1-216-833-11	METAL CHIP 10K 5% 1/10W	
⚠ R922	1-244-317-71	METAL 0.18 5% 2W F	
R923	1-218-879-11	METAL CHIP 22K 0.5% 1/10W	
R924	1-216-837-11	METAL CHIP 22K 5% 1/10W	
R925	1-216-797-11	METAL CHIP 10 5% 1/10W	
R926	1-218-895-11	METAL CHIP 100K 0.5% 1/10W	
R927	1-216-837-11	METAL CHIP 22K 5% 1/10W	
R928	1-216-845-11	METAL CHIP 100K 5% 1/10W	
R930	1-216-817-11	METAL CHIP 470 5% 1/10W	
R931	1-218-847-11	METAL CHIP 1K 0.5% 1/10W	
R932	1-218-879-11	METAL CHIP 22K 0.5% 1/10W	
R933	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	
R934	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R935	1-216-821-11	METAL CHIP 1K 5% 1/10W	

POWER **P-SW** **S-AIR-CON** **SCORE**

Ref. No.	Part No.	Description			Remark
R936	1-216-853-11	METAL CHIP	470K	5%	1/10W
R937	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R938	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R939	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W
R940	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R941	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R942	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R945	1-216-837-11	METAL CHIP	22K	5%	1/10W
R946	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R949	1-216-809-11	METAL CHIP	100	5%	1/10W
R951	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R952	1-216-821-11	METAL CHIP	1K	5%	1/10W
R954	1-218-861-11	METAL CHIP	3.9K	0.5%	1/10W
R955	1-216-821-11	METAL CHIP	1K	5%	1/10W
R956	1-216-817-11	METAL CHIP	470	5%	1/10W
R957	1-216-841-11	METAL CHIP	47K	5%	1/10W
R958	1-216-821-11	METAL CHIP	1K	5%	1/10W
R959	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R960	1-216-817-11	METAL CHIP	470	5%	1/10W
R963	1-218-839-11	METAL CHIP	470	0.5%	1/10W
R965	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R966	1-216-821-11	METAL CHIP	1K	5%	1/10W
R967	1-216-821-11	METAL CHIP	1K	5%	1/10W
R972	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R974	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R975	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R976	1-218-903-11	METAL CHIP	220K	0.5%	1/10W
R978	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R992	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R993	1-216-833-11	METAL CHIP	10K	5%	1/10W
R994	1-216-851-11	METAL CHIP	330K	5%	1/10W
R995	1-216-845-11	METAL CHIP	100K	5%	1/10W
R998	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W
R999	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
		< TRANSFORMER >			
⚠ T901	1-443-874-11	TRANSFORMER, DC-DC CONVERTER			
⚠ T903	1-445-320-11	TRANSFORMER, DC-DC CONVERTER			
		< THERMISTOR >			
⚠ TH901	1-805-841-21	THERMISTOR, NTC 3.0 (EA)			
⚠ TH901	1-805-842-21	THERMISTOR, NTC 6.0 (EXCEPT EA)			
		< VARISTOR >			
⚠ VDR901	1-805-482-11	VARISTOR			
**********					
		P-SW BOARD			
		**********			
		< CAPACITOR >			
C170	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
		< SWITCH >			
S108	1-762-875-21	SWITCH, KEYBOARD (I/⏻)			
**********					

Ref. No.	Part No.	Description			Remark
	A-1438-875-A	S-AIR-CON BOARD, COMPLETE (DZ570K/DZ777K)			
		**********			
		< CONNECTOR >			
* CN110	1-564-720-11	PIN, CONNECTOR (SMALL TYPE) 4P			
* CN111	1-564-517-11	PLUG, CONNECTOR 2P			
CN112	1-779-554-21	CONNECTOR, FFC (LIF(NON-ZIF)) 17P			
CN113	1-821-744-11	CONNECTOR, CARD EDGE 30P (EZW-T100)			
		< TRANSISTOR >			
Q120	8-729-038-28	TRANSISTOR RT1N441C-TP-1			
Q121	6-550-363-01	TRANSISTOR 2SB1690KT146			
		< RESISTOR >			
R193	1-216-817-11	METAL CHIP	470	5%	1/10W
R194	1-216-817-11	METAL CHIP	470	5%	1/10W
R195	1-216-841-11	METAL CHIP	47K	5%	1/10W
R196	1-216-817-11	METAL CHIP	470	5%	1/10W
R197	1-216-833-11	METAL CHIP	10K	5%	1/10W
R198	1-216-833-11	METAL CHIP	10K	5%	1/10W
R199	1-216-833-11	METAL CHIP	10K	5%	1/10W
R200	1-216-833-11	METAL CHIP	10K	5%	1/10W
**********					
	A-1419-028-A	SCORE BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C301	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C302	1-126-947-11	ELECT	47uF	20%	35V
C303	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C304	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C305	1-126-947-11	ELECT	47uF	20%	35V
C306	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C307	1-126-947-11	ELECT	47uF	20%	35V
C308	1-126-947-11	ELECT	47uF	20%	35V
C309	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C310	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C311	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C312	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C313	1-126-947-11	ELECT	47uF	20%	35V
C314	1-104-662-11	ELECT	22uF	20%	25V
C315	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C316	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		< CONNECTOR >			
CN301	1-778-227-41	CONNECTOR, BOARD TO BOARD 6P			
		< DIODE >			
D301	6-501-579-01	DIODE MC2837			
D302	6-501-579-01	DIODE MC2837			
D303	6-501-817-01	DIODE MA2J1110GLS0			
D304	6-501-579-01	DIODE MC2837			
		< IC >			
IC301	8-759-100-96	IC uPC4558G2			
IC302	8-759-700-07	IC NJM2903M			
IC303	8-759-700-07	IC NJM2903M			

Ref. No.	Part No.	Description			Remark
		< JUMPER RESISTOR >			
JR451	1-216-864-11	SHORT CHIP	0		
JR452	1-216-864-11	SHORT CHIP	0		
JR453	1-216-864-11	SHORT CHIP	0		
		< RESISTOR >			
R302	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R303	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R304	1-216-821-11	METAL CHIP	1K	5%	1/10W
R305	1-216-845-11	METAL CHIP	100K	5%	1/10W
R306	1-216-845-11	METAL CHIP	100K	5%	1/10W
R307	1-216-821-11	METAL CHIP	1K	5%	1/10W
R308	1-216-821-11	METAL CHIP	1K	5%	1/10W
R309	1-216-851-11	METAL CHIP	330K	5%	1/10W
R310	1-216-853-11	METAL CHIP	470K	5%	1/10W
R311	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R312	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R313	1-216-841-11	METAL CHIP	47K	5%	1/10W
R314	1-216-841-11	METAL CHIP	47K	5%	1/10W
R319	1-216-842-11	METAL CHIP	56K	5%	1/10W
R320	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R322	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R323	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R324	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R325	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R326	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R327	1-216-837-11	METAL CHIP	22K	5%	1/10W
R328	1-216-833-11	METAL CHIP	10K	5%	1/10W
R329	1-216-833-11	METAL CHIP	10K	5%	1/10W
R330	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R334	1-216-864-11	SHORT CHIP	0		
R336	1-216-864-11	SHORT CHIP	0		
**********					
		SPEAKER BOARD **********			
		< CAPACITOR >			
C173	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V (RU,EA)
C174	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C175	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V (RU,EA)
C176	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C177	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V (RU,EA)
C178	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C179	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V (RU,EA)
C180	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C181	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V (RU,EA)
C182	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C183	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V (RU,EA)
C184	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C185	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V (RU,EA)
C186	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C187	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V (RU,EA)
C188	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
		< CONNECTOR >			
* CN114	1-564-523-11	PLUG, CONNECTOR 8P			
		< TERMINAL BOARD >			
TB100	1-780-454-11	TERMINAL BOARD (SPEAKER) 4P (SPEAKER (FRONT R,FRONT L,SUR R,SUR L))			
**********					
		MISCELLANEOUS **********			
4	1-827-720-11	WIRE (FLAT TYPE) (11 CORE) (DZ265K/DZ266K)			
4	1-828-955-11	WIRE (FLAT TYPE) (9 CORE) (DZ270K/DZ570K/DZ777K)			
⚠ 5	1-834-288-11	CORD, POWER (TH)			
⚠ 5	1-834-966-21	CORD, POWER (EXCEPT TH)			
⚠ 7	1-770-019-61	ADAPTOR, CONVERSION PLUG (EA)			
11	1-828-350-11	WIRE (FLAT TYPE) (17 CORE) (DZ570K/DZ777K)			
⚠ 13	1-569-008-22	ADAPTOR, CONVERSION 2P (EA)			
63	1-828-307-11	WIRE (FLAT TYPE) (9 CORE)			
64	1-828-363-11	WIRE (FLAT TYPE) (19 CORE)			
106	1-828-293-11	WIRE (FLAT TYPE) (5 CORE)			
107	1-828-359-11	WIRE (FLAT TYPE) (19 CORE) (DZ270K/DZ570K/DZ777K)			
107	1-828-369-11	WIRE (FLAT TYPE) (21 CORE) (DZ265K/DZ266K)			
108	1-828-337-11	WIRE (FLAT TYPE) (15 CORE) (DZ265K/DZ266K/DZ270K)			
108	1-828-347-11	WIRE (FLAT TYPE) (17 CORE) (DZ570K/DZ777K)			
114	1-828-296-11	WIRE (FLAT TYPE) (7 CORE)			
⚠ 157	8-820-321-05	OPTICAL PICK-UP KHM-313CAA/C2RP			
158	1-828-773-51	WIRE (FLAT TYPE) (24 CORE)			
⚠ F901	1-576-233-51	FUSE (H.B.C.) (T6.3HA/250V) (EXCEPT EA)			
⚠ F901	1-576-300-51	FUSE, H.B.C. (T8HA/250V) (EA)			
FAN901	1-787-331-11	FAN, D.C.			
TU901	1-693-759-11	TUNER (FM/AM) (DZ265K/DZ266K)			
TU901	1-693-761-11	TUNER (FM/AM) (DZ270K/DZ570K/DZ777K)			

REVISION HISTORY

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Also, clicking the version at the top of the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision
1.0	2008.04	New