

HBD-DZ340/DZ340K/ DZ640K/DZ740

SERVICE MANUAL



Ver. 1.3 2011.06



AEP Model
HBD-DZ340/DZ740

E Model
HBD-DZ340K/DZ640K

- HBD-DZ340/DZ340K/DZ640K/DZ740 are the amplifier, DVD/CD and tuner section in DAV-DZ340/DZ340K/DZ640K/DZ740.

This system incorporates with Dolby* Digital and Dolby Pro Logic 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 under U.S. Patent #'s:

5,451,942; 5,956,674; 5,974,380; 5,978,762; 6,487,535 & other U.S. and worldwide patents issued & pending. DTS and DTS Digital Surround are registered trademarks and the DTS logos and Symbol are trademarks of DTS, Inc. © 1996-2008 DTS, Inc. All Rights Reserved.

Model Name Using Similar Mechanism	HBD-DZ330/DZ710/ DZ730
Mechanism Type	CDM85MB-DVBU102
Optical Pick-up Name	KHM-313CAA

SPECIFICATIONS

Amplifier Section (DAV-DZ340/DZ740)

POWER OUTPUT (rated): Front L/Front R/Center/
Surround L/Surround R:
108 W (per channel at 3
ohms, 1 kHz, 1% THD)

POWER OUTPUT (reference):

Front L/Front R/Center/
Surround L/Surround R:
167 W (per channel at 3
ohms, 1 kHz)
Subwoofer: 165 W
(at 3 ohms, 80 Hz)

Inputs (Analog)

TV (AUDIO IN)

Sensitivity: 450/250 mV

Inputs (Digital)

TV (Audio Return Channel/OPTICAL IN)

Input Stream: Dolby
Digital 5.1ch/DTS 5.1ch/
Linear PCM 2ch
(Sampling Frequency: less
than 48 kHz)

Amplifier Section (DAV-DZ340K/DZ640K)

POWER OUTPUT (rated): Front L/Front R/Center/
Surround L/Surround R:
108 W (per channel at 3
ohms, 1 kHz, 1% THD)

POWER OUTPUT (reference):

Front L/Front R/Center/
Surround L/Surround R:
167 W (per channel at 3
ohms, 1 kHz)
Subwoofer: 165 W (at 3
ohms, 80 Hz)

Inputs (Analog)

TV (AUDIO IN)

Sensitivity: 450/250 mV

AUDIO IN

Sensitivity: 250/125 mV

MIC

Sensitivity: 1 mV

Inputs (Digital)

TV (Audio Return Channel)

Input Stream: Dolby
Digital 5.1ch/DTS 5.1ch/
Linear PCM 2ch
(Sampling Frequency: less
than 48 kHz)

CD/DVD System

Laser Diode Properties

Emission Duration:

Continuous

Laser Output: Less than

44.6 μ W

* This output is the value measurement at a distance
of 200 mm from the objective lens surface on the
Optical Pick-up Block with 7 mm aperture.

Signal format system

Latin American models:

NTSC

Other models:

NTSC/PAL

– Continued on next page –

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DVD RECEIVER

SONY®

HBD-DZ340/DZ340K/DZ640K/DZ740

Ver. 1.1

USB Section

•⇄ (USB) port:
Maximum current: 500 mA

Tuner Section

System PLL quartz-locked digital synthesizer
Tuning range 87.5 MHz - 108.0 MHz (50 kHz step)
Antenna (aerial) FM wire antenna (aerial)
Antenna (aerial) terminals 75 ohms, unbalanced

Video Section (DAV-DZ340/DZ740)

Outputs VIDEO: 1 Vp-p 75 ohms
R/G/B: 0.7 Vp-p 75 ohms
HDMI OUT: Type A (19 pin)

Video Section (DAV-DZ340K/DZ640K)

Outputs
DAV-DZ340K: VIDEO: 1 Vp-p 75 ohms
HDMI OUT: Type A (19 pin)
DAV-DZ640K: VIDEO: 1 Vp-p 75 ohms
COMPONENT:
Y: 1 Vp-p 75 ohms
PB, PR: 0.7 Vp-p 75 ohms
HDMI OUT: Type A (19 pin)

General

Power requirements
Taiwan models: 120 V AC, 50/60 Hz
Argentine models: 220 V - 240 V AC, 50/60 Hz
Latin American models: 110 V - 240 V AC, 50/60 Hz
Saudi Arabian models: 127 V - 240 V AC, 50/60 Hz
Other models: 220 V - 240 V AC, 50/60 Hz
Power consumption On: 160 W
Standby: 0.3 W*

* Valid when the system is in the following status:
– “DEMO” is set to “OFF.”
– [CONTROL FOR HDMI] is set to [OFF].
Dimensions (approx.) 430 mm × 55 mm × 350 mm (w/h/d) incl. projecting parts
Mass (approx.) 3.5 kg

Supported file format

MP3 (MPEG 1 Audio Layer-3)
File Extension: mp3
Bitrate: 32 kbps - 320 kbps
Sampling frequencies: 32/44.1/48 kHz

WMA (USB device only)

File Extension: wma
Bitrate: 48 kbps - 192 kbps
Sampling frequencies: 44.1 kHz

AAC (USB device only)

File Extension: m4a
Bitrate: 48 kbps - 320 kbps
Sampling frequencies: 44.1 kHz

Xvid

File Extension: avi
Video codec: Xvid video
Bitrate: 4.854 Mbps (MAX)
Resolution/Frame rate: 720 × 480 30 fps
720 × 576 25 fps
Audio codec: MP3

MPEG4


File format: MP4 File Format
File Extension: mp4/m4v
Video codec: MPEG4 Simple Profile (AVC is not compatible.)
Bitrate: 4 Mbps
Frame rate: 30 fps
Resolution: 720 × 576
Audio codec: AAC-LC (HE-AAC is not compatible.)
DRM: Not compatible

Design and specifications are subject to change without notice.

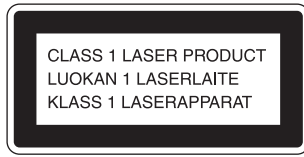
SAFETY-RELATED COMPONENT WARNING!

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.

SPECIAL COMPONENT NOTICE

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

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.

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.



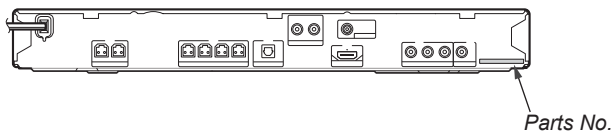
First 3 characters of the service number	Cause and/or corrective action
C 13	The disc is dirty. ➡Clean the disc with a soft cloth.
E XX (XX is a number)	To prevent a malfunction, the system has performed the self-diagnosis function. ➡Contact your nearest Sony dealer or local authorized Sony service facility and give the 5-character service number. Example: E 61 10

When the version number appears 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.



MODEL IDENTIFICATION
– Back Panel –



Model	Part No.
DZ340: AEP	4-267-102-0□
DZ340K: E3	4-267-102-1□
DZ740: AEP	4-267-102-2□
DZ640K: E3	4-267-102-3□
DZ640K: E15	4-267-102-4□
DZ340K: E12	4-267-102-9□
DZ340K: EA	4-267-103-0□
DZ340K: SP	4-267-103-1□
DZ340K: E32	4-267-103-2□
DZ640K: E12	4-267-103-4□
DZ640K: EA	4-267-103-5□
DZ640K: SP	4-267-103-6□
DZ340K: SAF	4-267-104-3□
DZ340K: PH	4-267-104-4□
DZ340K: TH	4-267-104-5□
DZ340K: TW	4-267-104-6□
DZ640K: PH	4-267-104-8□
DZ640K: TH	4-267-105-0□
DZ340K: AR	4-267-105-5□

- Abbreviation
 - AR : Argentina model
 - E3 : 240V AC area in E model
 - E12 : 220 – 240V AC area in E model
 - E15 : Iranian model
 - E32 : 110 – 240V AC area in E model
 - EA : Saudi Arabia model
 - PH : Philippines model
 - SAF : South African model
 - SP : Singapore model
 - TH : Thai model
 - TW : Taiwan model

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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/CD 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

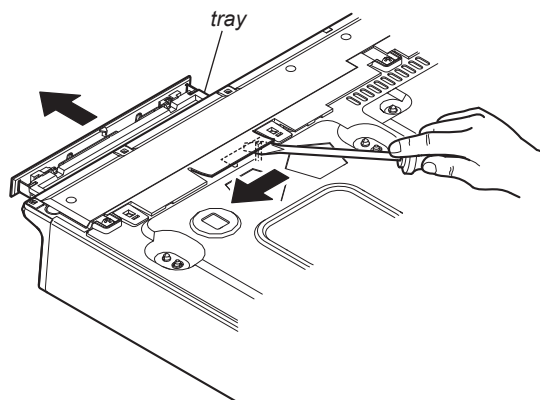
Caution: This system is capable of holding a still video image or on-screen display image on your television screen indefinitely. If you leave the still video image or on-screen display image displayed on your TV for an extended period of time you risk permanent damage to your television screen.

Projection televisions are especially susceptible to this.

How to open the disc table when power switch turns off

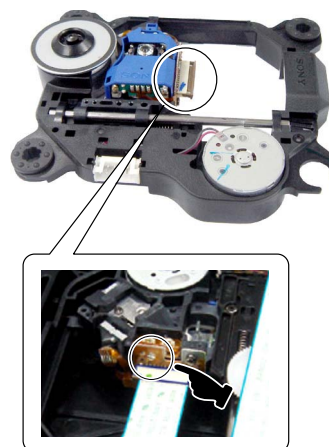
Insert a tapering driver into the aperture of the unit bottom, and slide it in the direction of the arrow.

Insert a screwdriver from between the front panel and the chassis and slide the rod 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.)

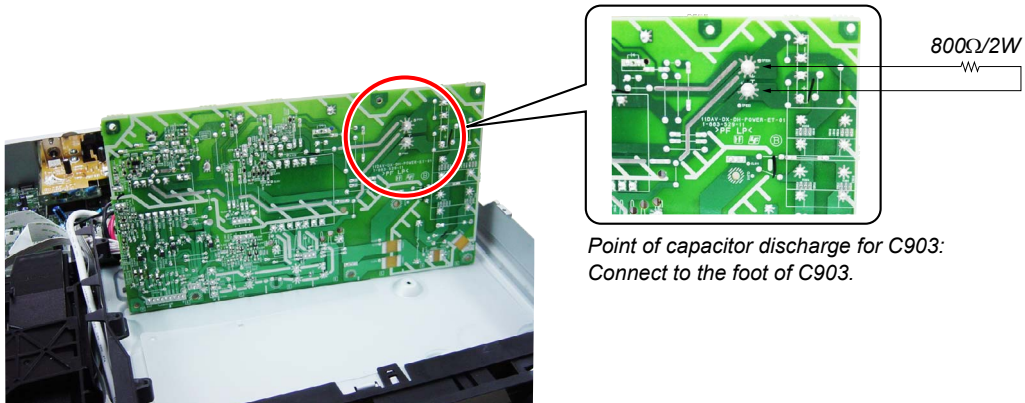
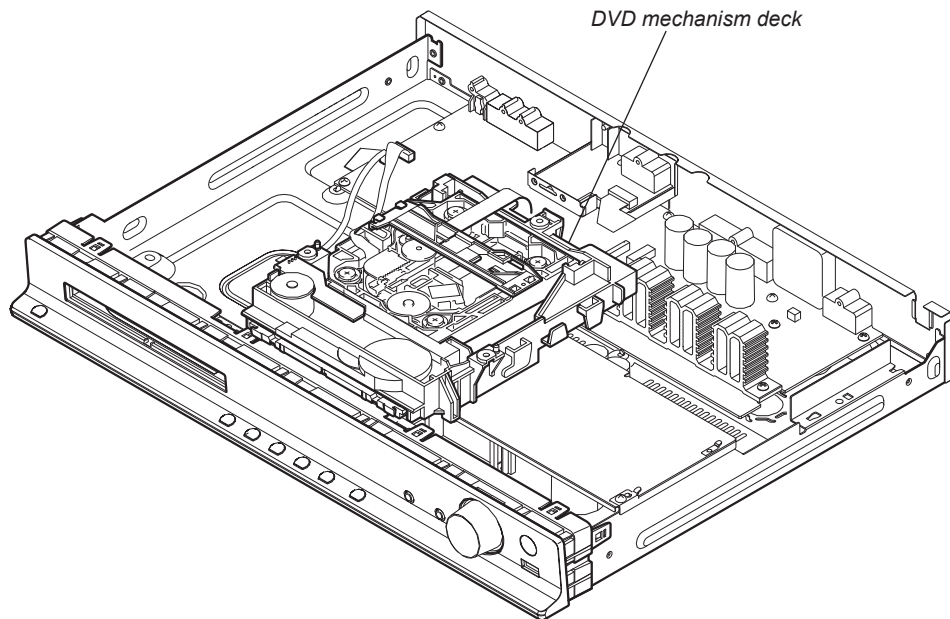
Discharge the charged electricity in capacitors to prevent electric shock as follows

When disassembling the machine, be sure to discharge the charged electricity in the following capacitors.
Use a resistor of 800 ohms, 2 Watts for discharging the following capacitors.

POWER board

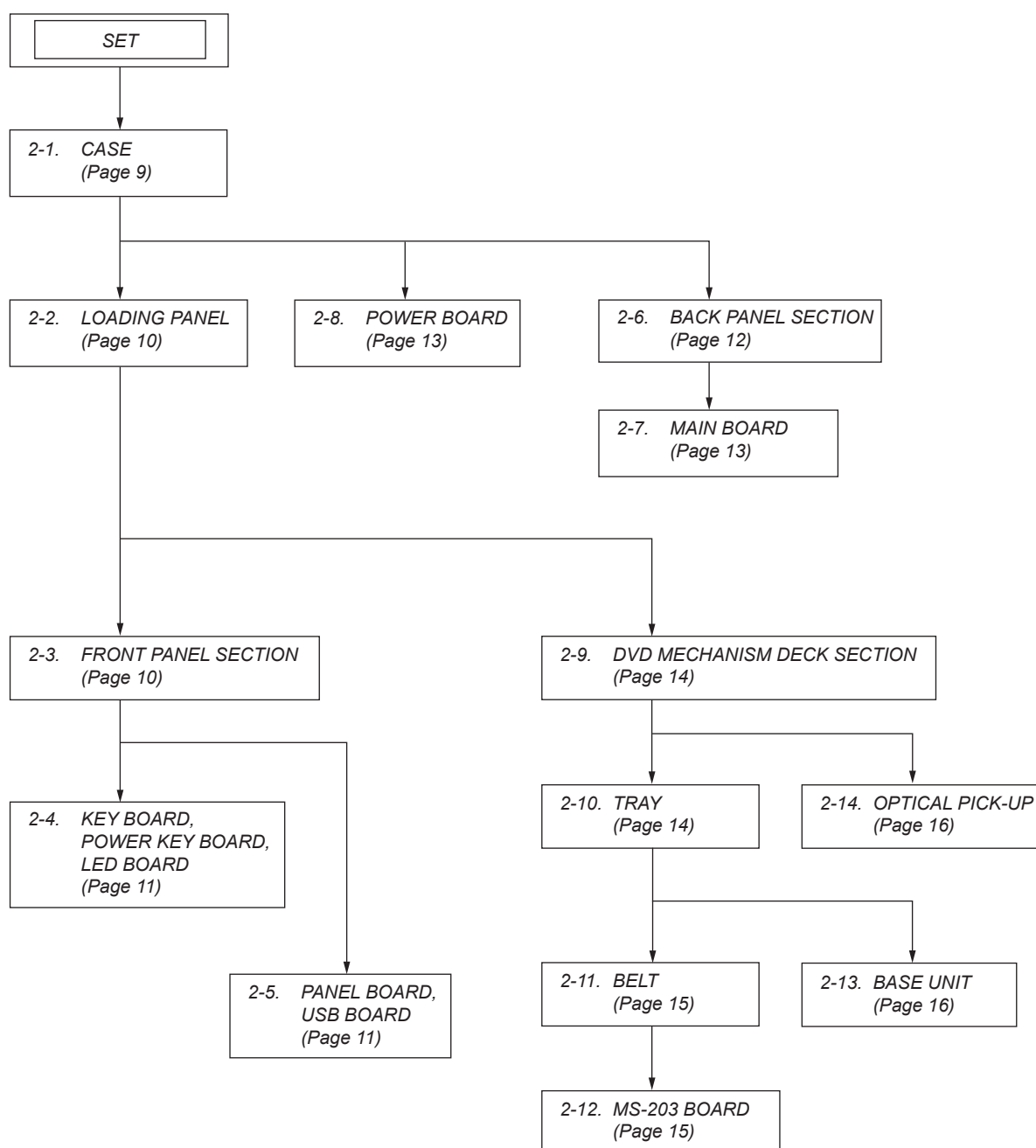
C903: 390V

C932, C933, C934, CN904: 30V

**CDM SERVICE POSITION**

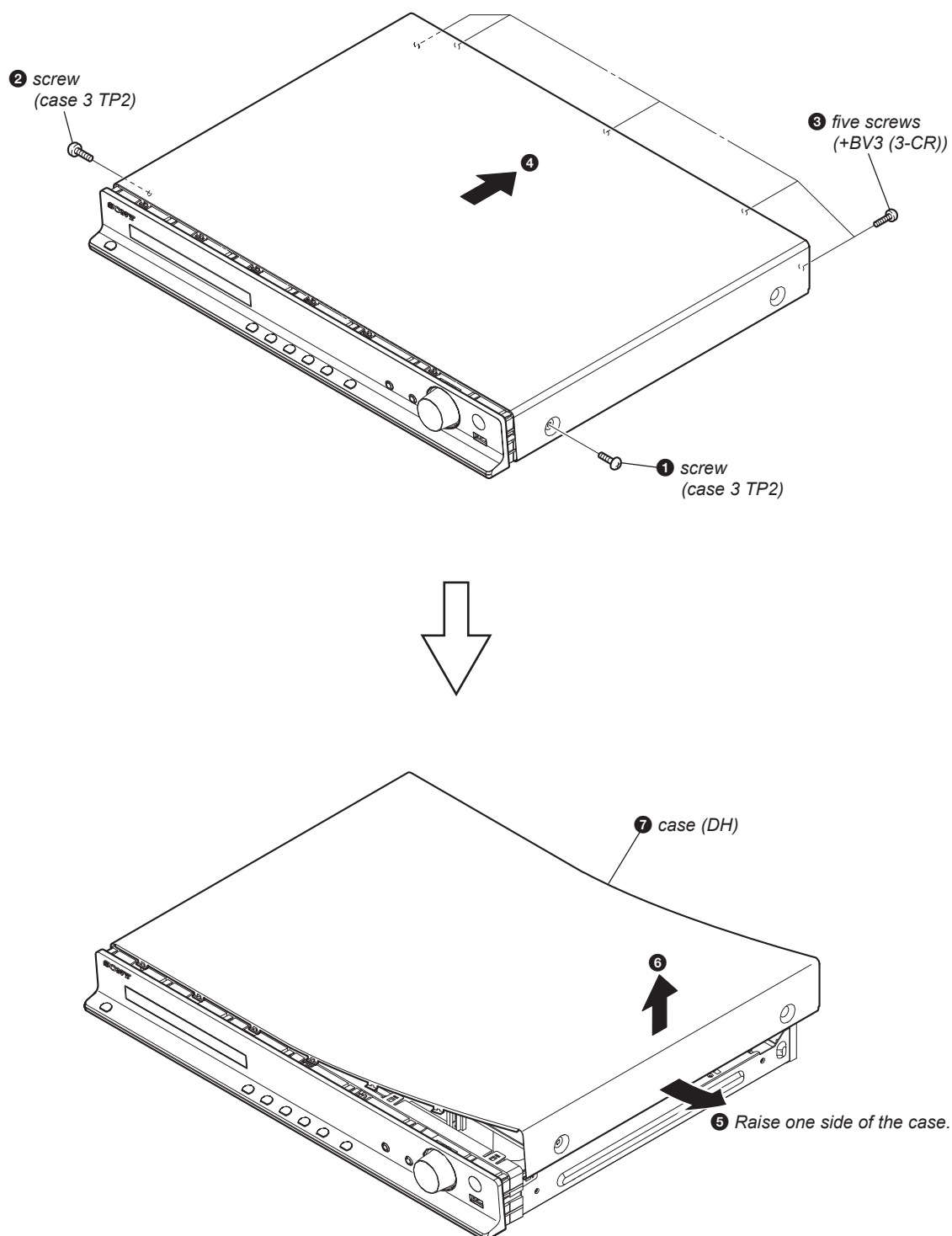
SECTION 2 DISASSEMBLY

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

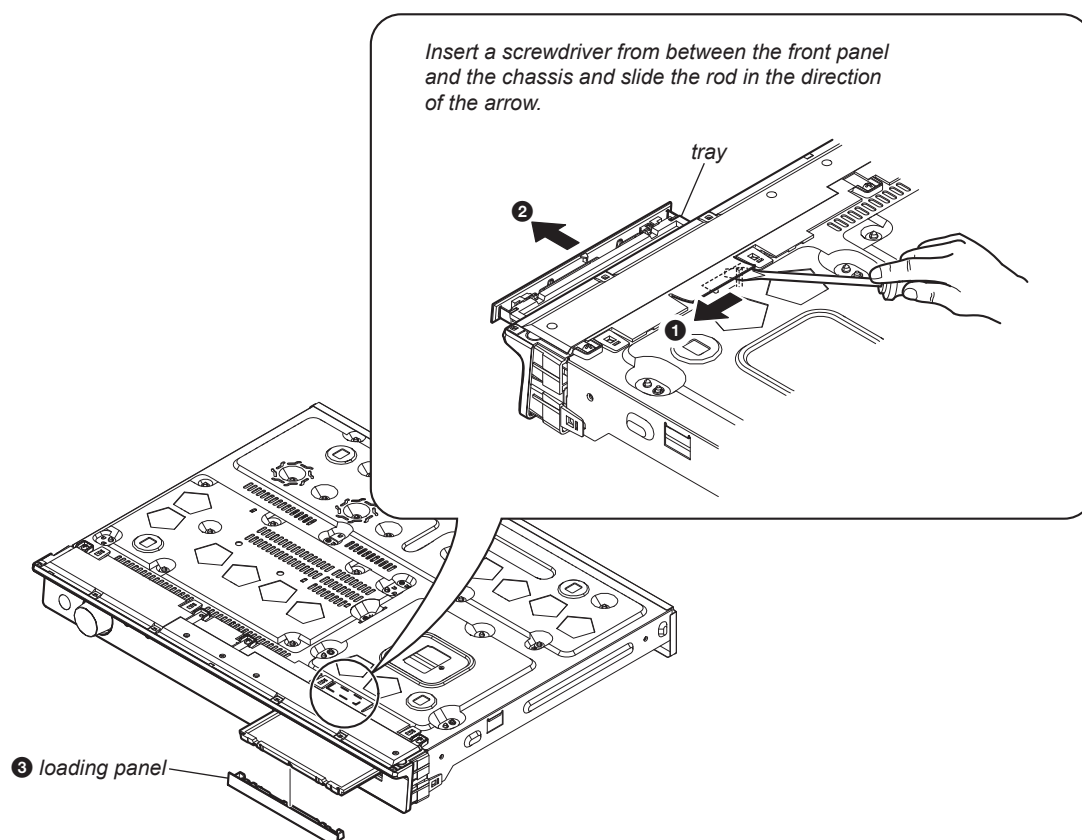


Note: Follow the disassembly procedure in the numerical order given.

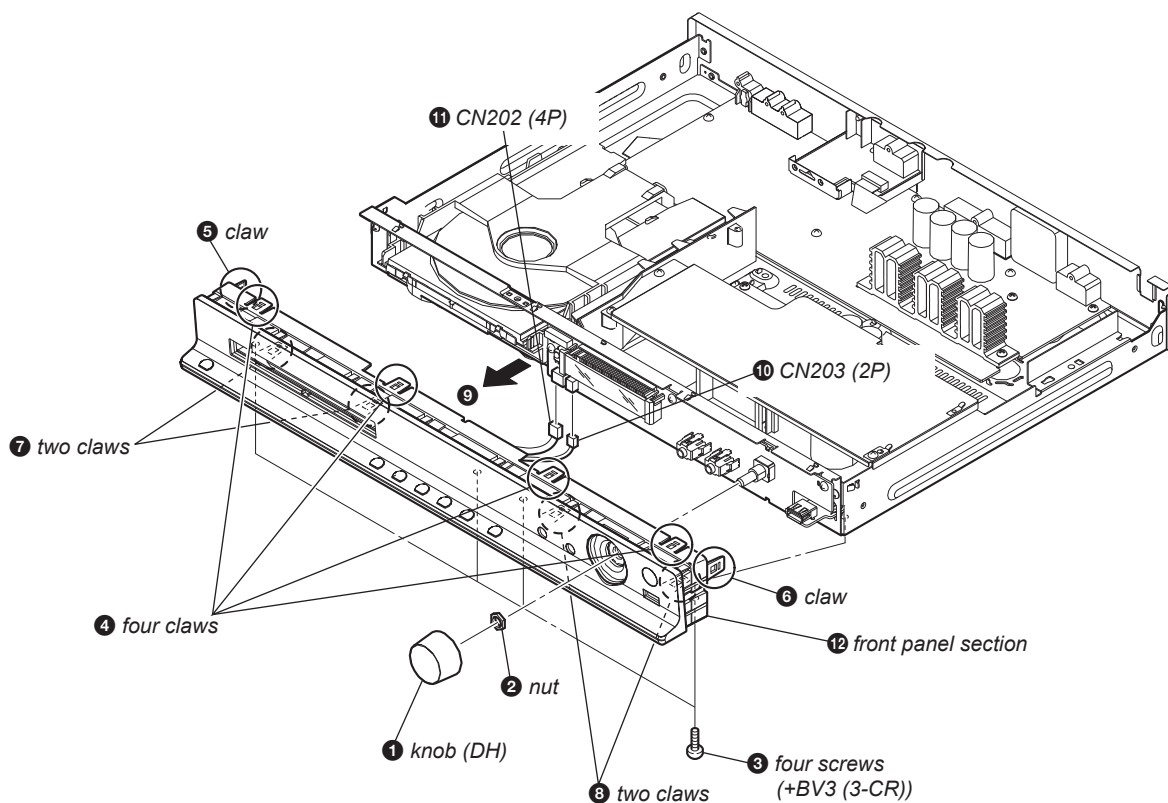
2-1. CASE



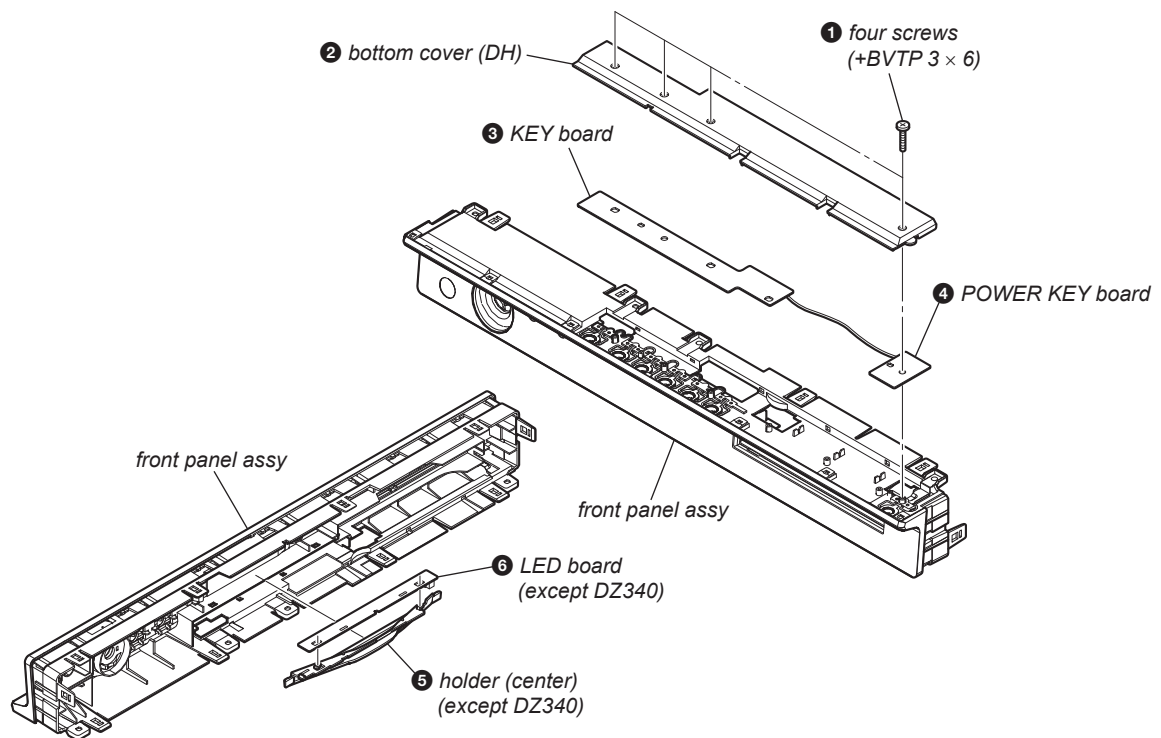
2-2. LOADING PANEL



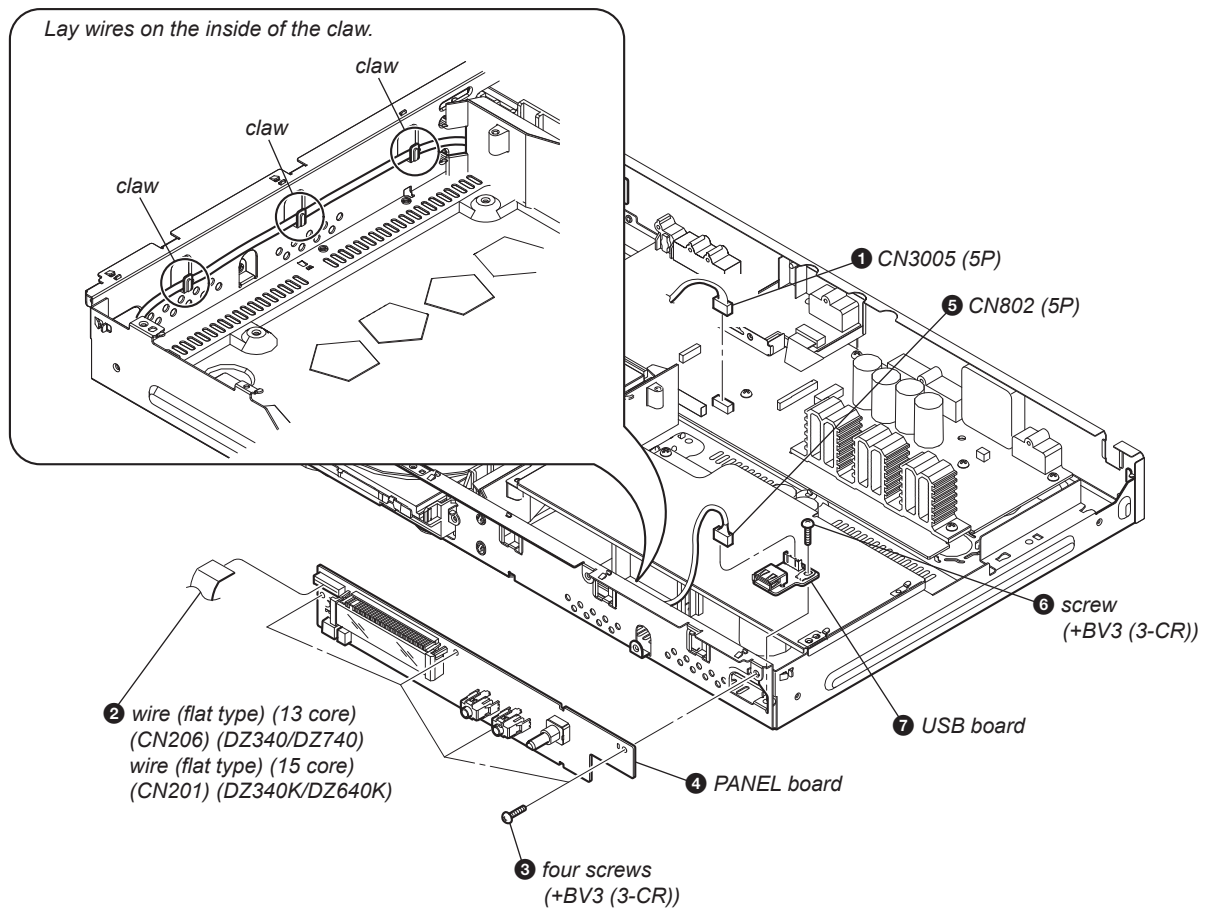
2-3. FRONT PANEL SECTION



2-4. KEY BOARD, POWER KEY BOARD, LED BOARD

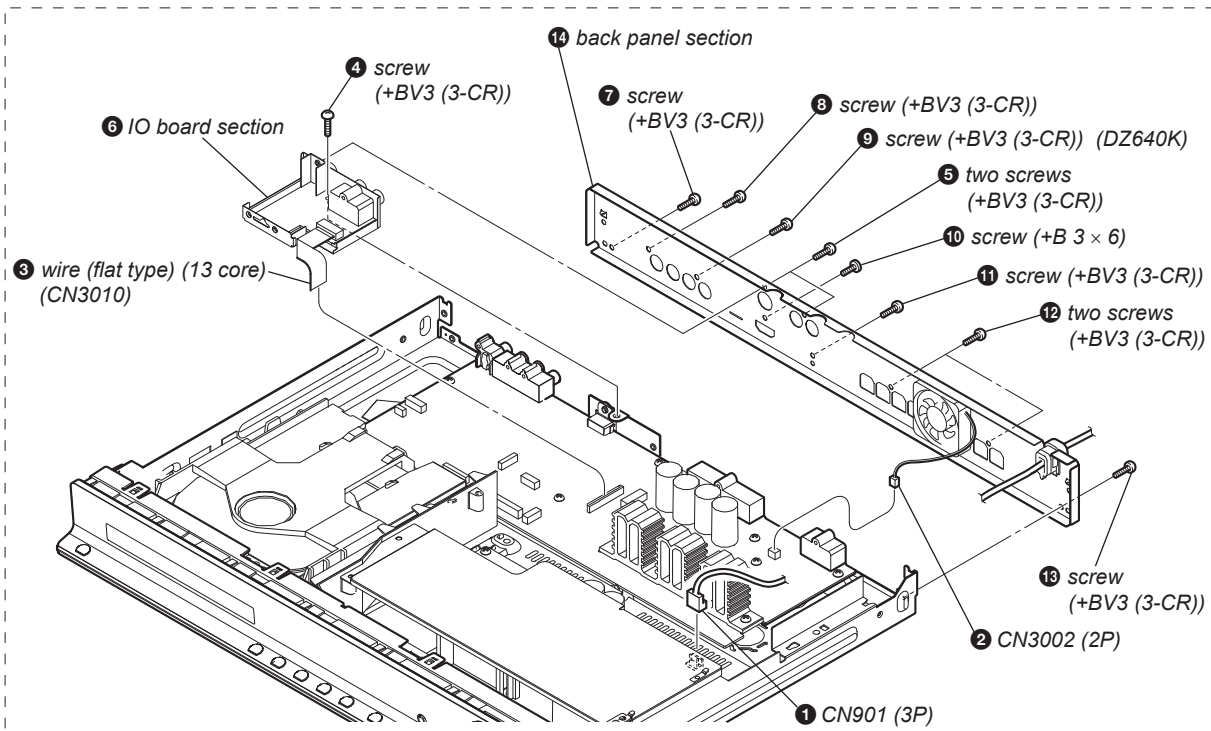


2-5. PANEL BOARD, USB BOARD

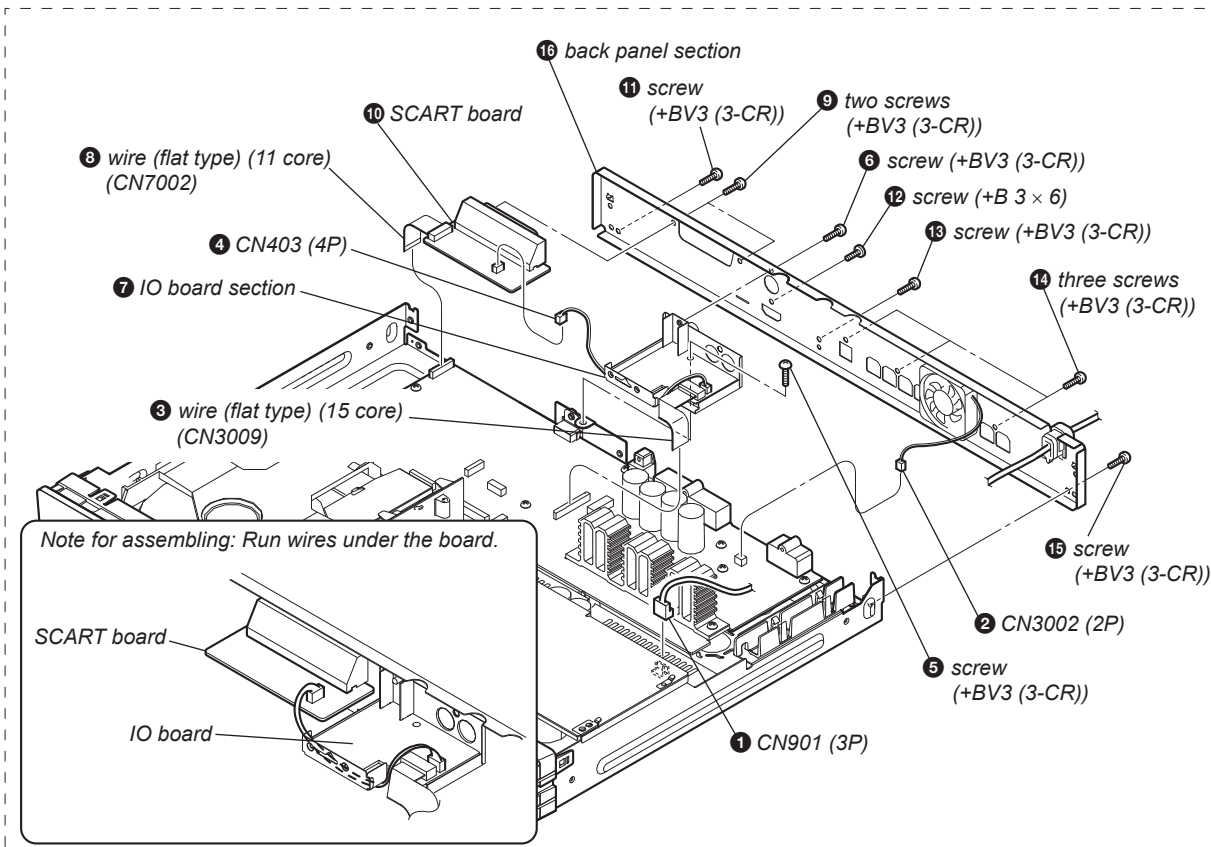


2-6. BACK PANEL SECTION

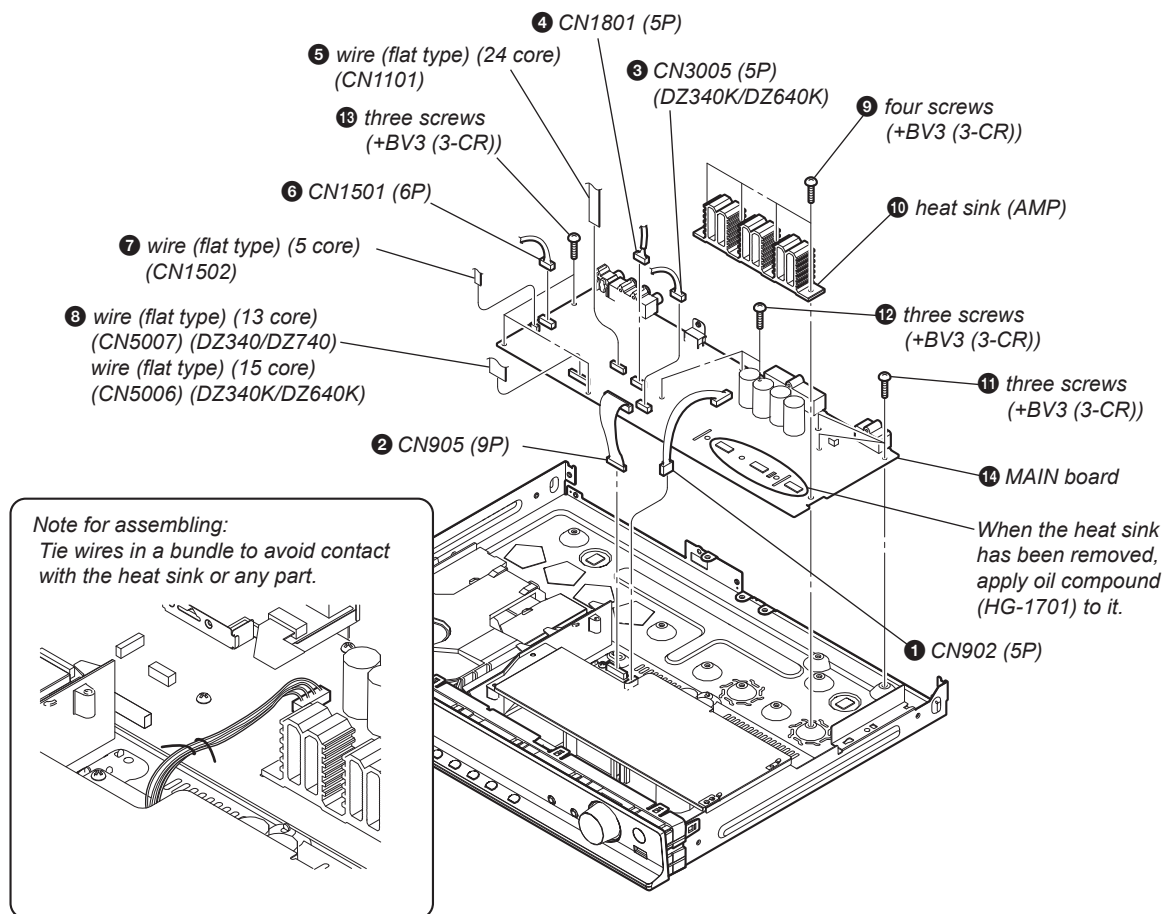
DZ340K/DZ640K



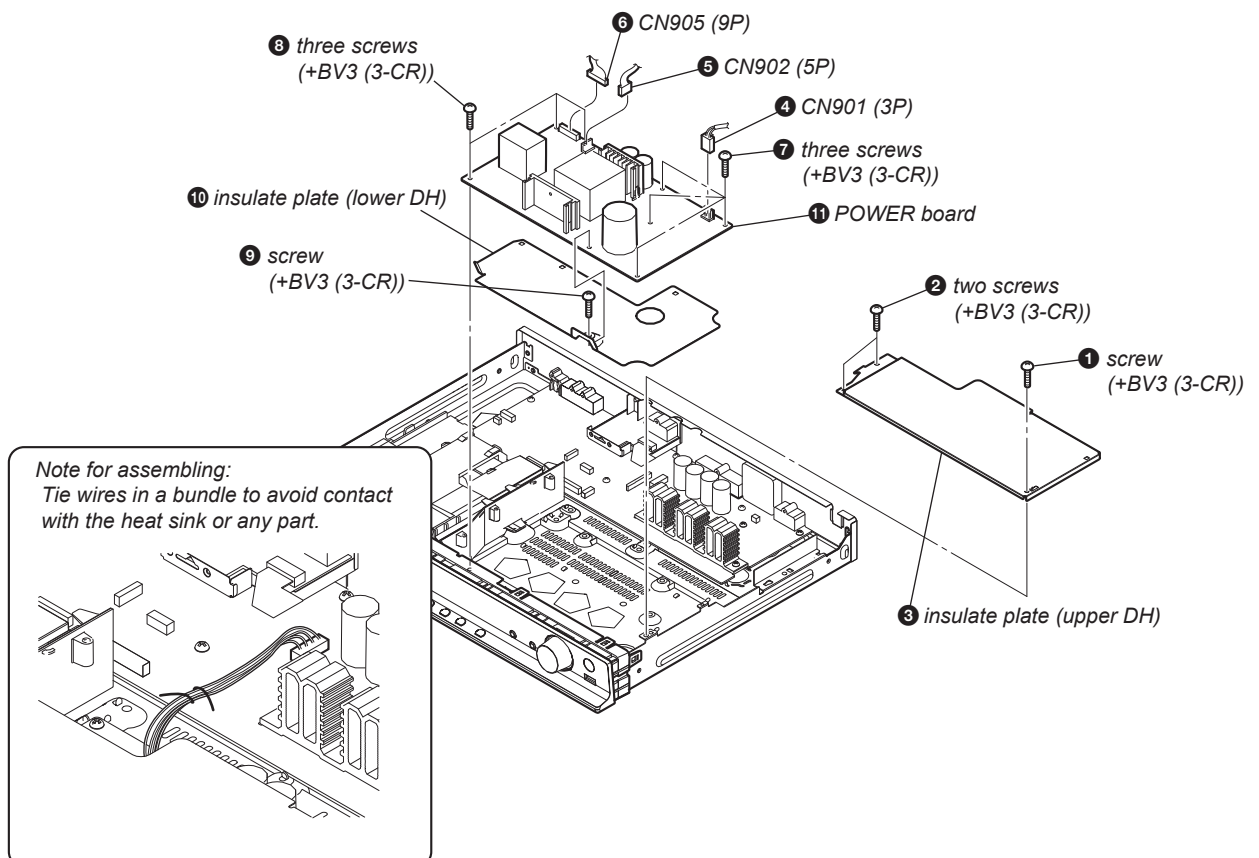
DZ340/DZ740



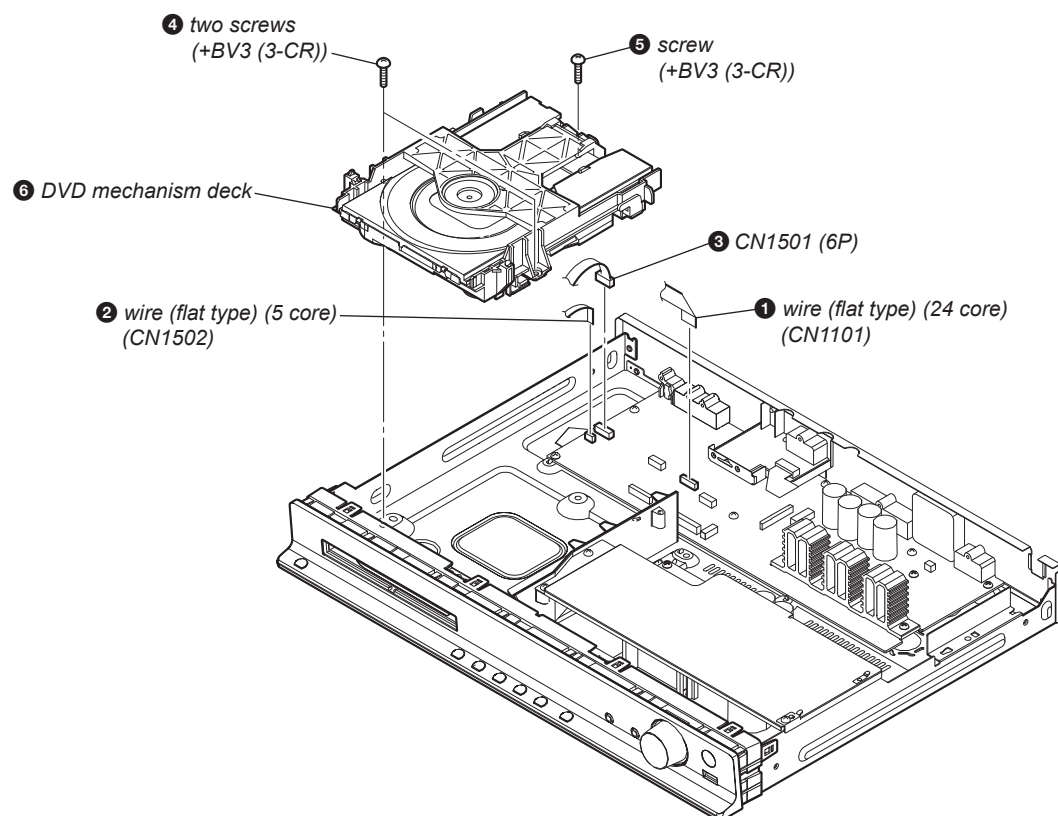
2-7. MAIN BOARD



2-8. POWER BOARD

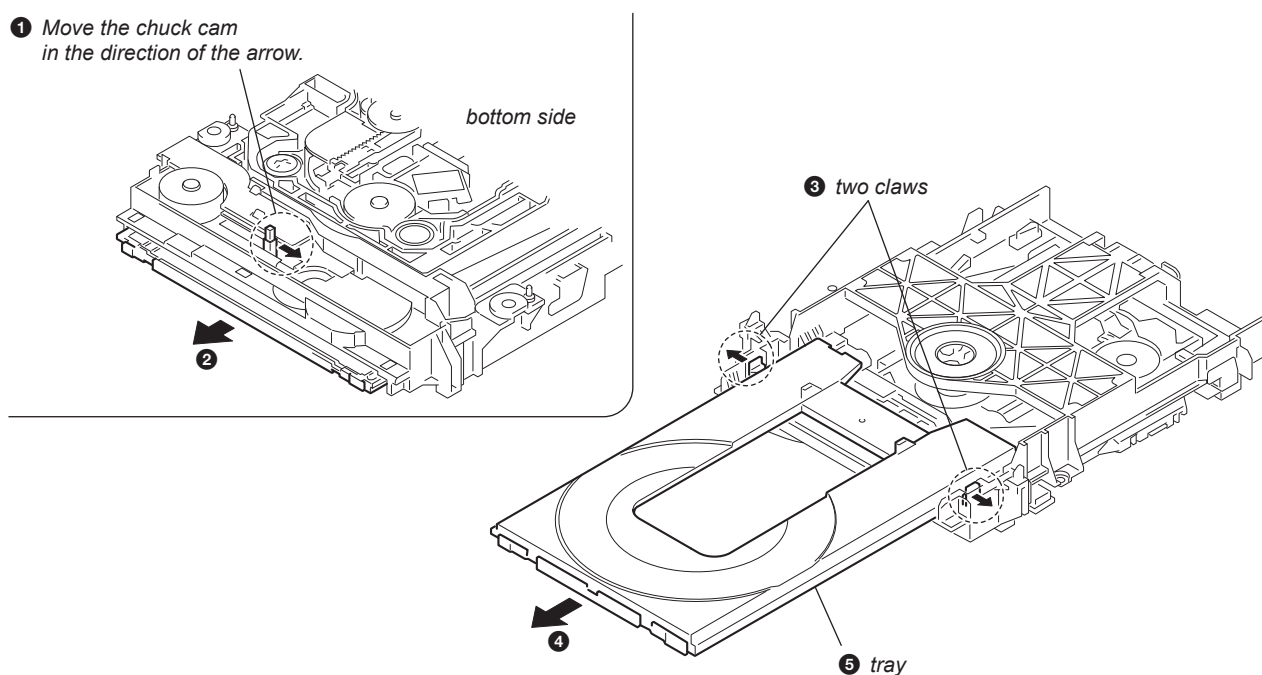


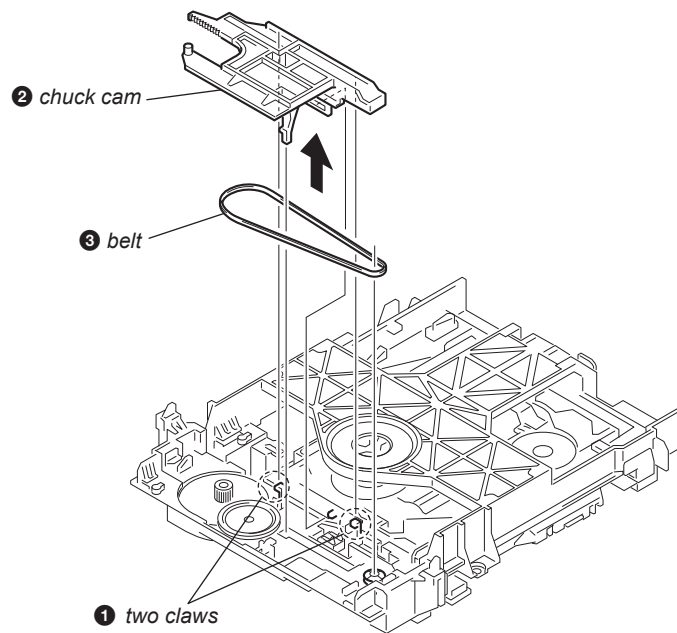
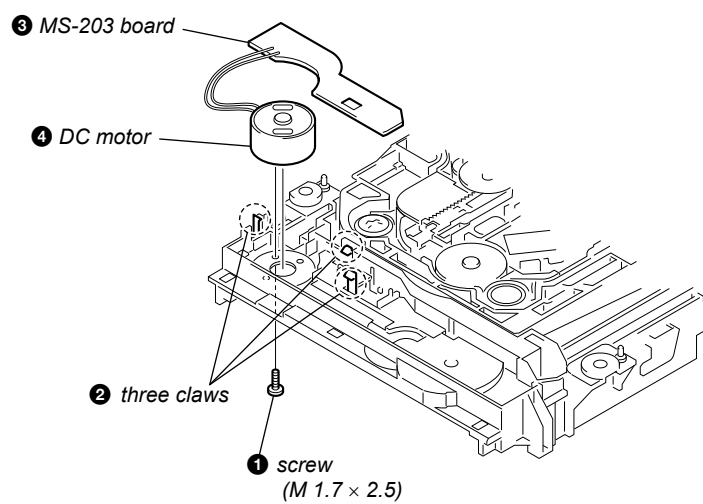
2-9. DVD MECHANISM DECK SECTION



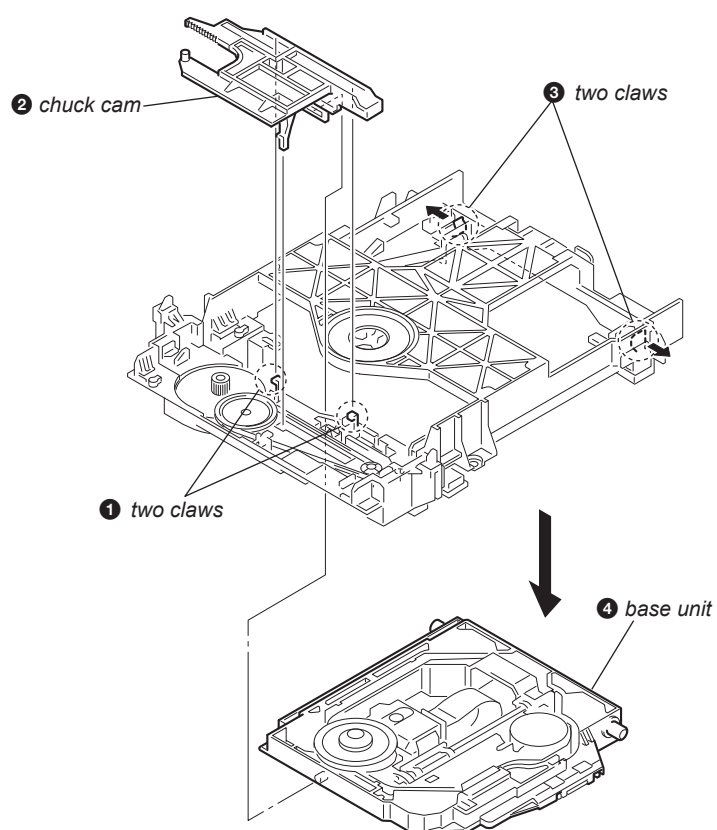
2-10. TRAY

- 1** Move the chuck cam in the direction of the arrow.

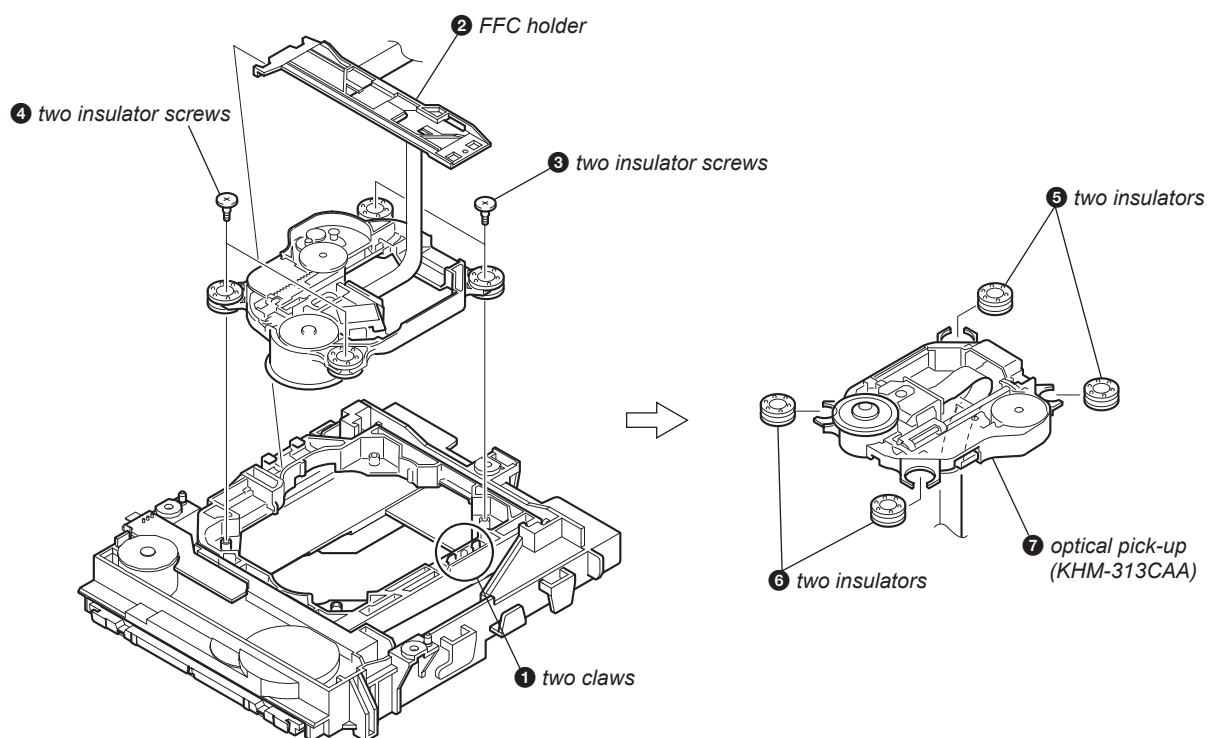


2-11. BELT**2-12. MS-203 BOARD**

2-13. BASE UNIT



2-14. OPTICAL PICK-UP



SECTION 3

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:

- Press the [I/⏻] button to turn the power on.
- Press three buttons [▶], [FUNCTION] and [I/⏻] simultaneously.
- When this button is operated, display as "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:

- Press the [I/⏻] button to turn the power on.
- While pressing the [■] and the [▶] buttons simultaneously, turn the [VOLUME] control in the direction of (+).
- When the display test mode is activated, all segments are turned on. When the mode in, "REC TO USB" and "VOLUME ILLUMINATION" is turn off.
- To exit from this mode, while pressing the [■] and the [▶] buttons simultaneously, turn the [VOLUME] control in the direction of (+).

2-2. Version Test Mode

Procedure:

- When the display test mode is activated, press the [FUNCTION] button and the message "DH1" (DZ340), "DH2K" (DZ340K), "DH4K" (DZ640K), "DH4" (DZ740) are displayed, the version test mode is activated.
- Whenever the [FUNCTION] button is pressed, the display changes in the following order.

→ "DH8" (Model name) → "NA"^{*1} (Destination) → MC Version →

*1: NA changes depending on destination.

- Press the [REC TO USB] button when the MC version is on display. The date of software production is displayed.
- Press the [REC TO USB] button again and the version is displayed.
- To exit from this mode, while pressing the [■] and the [▶] buttons simultaneously, turn the [VOLUME] control in the direction of (+).

2-3. FL Pattern Test Mode

Procedure:

- When the display test mode is activated, press the [▲] button, to select the FL pattern test mode. When the FL pattern test mode, half segments of FL display and "REC TO USB" are turn on.
- Press the [▲] button, half segments of FL display and "REC TO USB" is turned off.
- To exit from this mode, while pressing the [■] and the [▶] buttons simultaneously, turn the [VOLUME] control in the direction of (+).

2-4. Key Test Mode

Procedure:

- When the display test mode is activated, press the [I/⏻] button, to select the key test mode.
- To enter the KEY test mode, the fluorescent indicator displays "K0 V0". Each time 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.
- 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".
- To exit from this mode, while pressing the [■] and the [▶] buttons simultaneously, turn the [VOLUME] control in the direction of (+).

3. Disc Tray Lock

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

Setting Procedure :

- Press the [I/⏻] button to turn the set on.
- Press the [FUNCTION] button to set DVD function.
- Insert a disc.
- Press the [■] button and the [▲] button simultaneously for five seconds.
- The message "LOCKED" is displayed and the tray is locked.

Releasing Procedure :

- Press the [■] button and the [▲] button simultaneously for five seconds again.
- 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 Version Display

- The STR and DVD microprocessor versions are displayed.

Procedure:

- Press the [I/⏻] button to turn the set on.
- Press the [▶] button and the [I/⏻] button simultaneously for three seconds. SC version display is presented.
- Pressing the [FUNCTION] button presents a DV version display. Pressing the [FUNCTION] button again returns to the SC version display.
- To exit from this mode, press any button other than the [FUNCTION] button.

5. 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 STR RAM to initial conditions. Use this mode when returning the set to the customer after repair.

Procedure:

- Press the [I/⏻] button to turn the power on.
- Press the [FUNCTION] button to set the function "DVD/CD".
- Remove all discs, and then press three buttons [■], [▲] and turn the [VOLUME] control in the direction of (+).
- Displayed to message "SERVICE" on the fluorescent indicator tube when pressing in turn the [4] → [DVD MENU] → [CLEAR] buttons on the remote commander.
- After the "STANDBY" blinking display finishes, the message "LOCKED" ⇔ "UNPLUG" is displayed on the fluorescent indicator tube disconnect the AC power plug, then the product out mode is set.
The STR RAM initialization is executed upon a next power-on after the power is turned off.

6. Color System Change (E3, E12, E15, EA, PH, SP, TH models)

- Color system change to video signal format (NTSC/PAL).

Procedure:

- Press the [I/⏻] button to turn the set on.
- Press the [FUNCTION] button to set the function "DVD/CD".
- Press the [I/⏻] button to turn the set OFF.
- Press two buttons [FUNCTION] and [I/⏻] simultaneously, and the display of fluorescent indicator tube changes to "PAL" or "NTSC".

Abbreviation

E3	: 240V AC area in E model
E12	: 220 – 240V AC area in E model
E15	: Iranian model
EA	: Saudi Arabia model
PH	: Philippines model
SP	: Singapore model
TH	: Thai model

7. TUNER TUNED/STEREO Display

- The mode status of TUNED/STEREO is displayed.

- Press the [I/⏻] button to turn the power on.
- Press the buttons on the remote commander in the order given below to enter the Test Mode.
[RETURN] → [4] → [0] → [0] → [8] → [ANGLE]
- The mode status is displayed by the corresponding segment.



- ← On in STEREO mode
- ← On during MODE IN
- ← On in TUNED mode

(Indicated by the third segment from the top.)

- To terminate this mode, perform the operation described in Item 2 or turn the power off.

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

When an error is detected, the FL tube alternately displays "PROTECT" ⇔ "PUSH PWR".

↓ 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:

- 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.)
- The protection factor is displayed by pressing the [RETURN] → [3] → [2] → [0] → [0] → [ANGLE] buttons of the remote commander.
(during the "PROTECT" ⇔ "PUSH PWR" display).
 - ⇒ When SD is detected: Repeats "SD ERR" ⇔ "PROTECT".
 - ⇒ When DC is detected: Repeats "DC ERR" ⇔ "PROTECT".
 - ⇒ When TSD is detected: Repeats "TMP ERR" ⇔ "PROTECT".

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.

TSD detection

When the "L" output from the thermal shutdown port (TSDM) on the motor driver is detected.

DVD SECTION**9-1. 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.

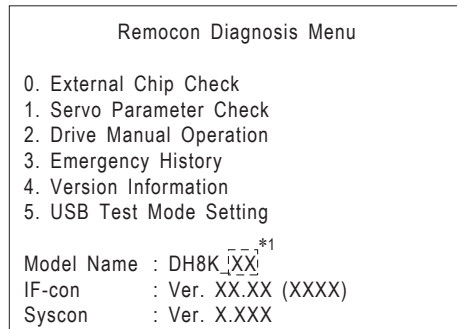
9-2. HOW TO ENTER TEST MODE

While pressing the [■] and the [▲] buttons simultaneously, turn the [VOLUME] control in the direction of (+) with the DVD player in power on.

The Test Mode starts, displayed "SERVICE" 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.

DZ340 : DH1
DZ340K : DH2K
DZ640K : DH4K
DZ740 : DH4



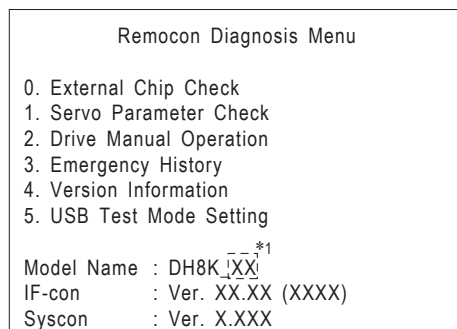
*1: Changes depending on destination

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 [I/⏻] button on the remote commander.

9-3. EXECUTING IOP MEASUREMENT

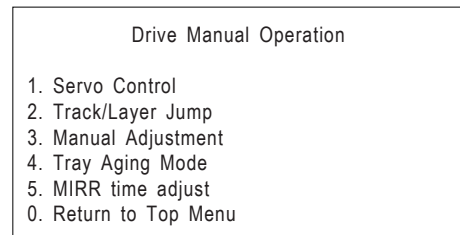
In order to execute IOP measurement, the following standard procedures must be followed.

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

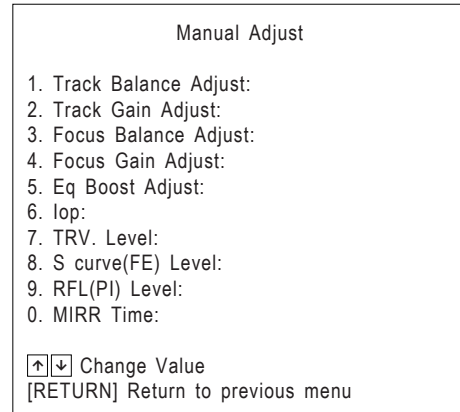


*1: Changes depending on destination

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

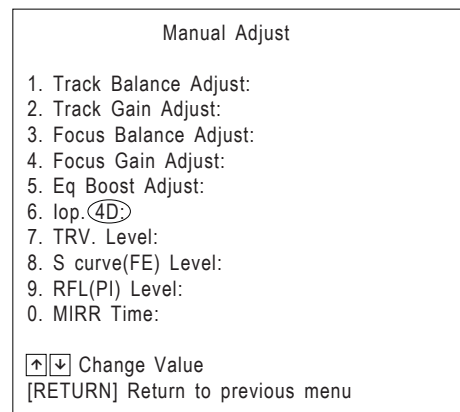


- (3) Select "3. Manual Adjustment" by pressing the [3] button on the remote commander. The screen will appear as shown.



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

- (5) Wait until a hexadecimal number appear.



- (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.

9-4. 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											
[0] 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 [◀◀] or [▶▶] 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			
01.	*1	*2		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											
[0] 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
- 51: Spindle stop error
- 52: Open kick spindle 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

9-4-1. 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											
[0] Return to Top Menu											

9-4-2. 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											
[0] Return to Top Menu											

9-4-3. 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			

9-4-4. Return to the Top Menu of Remocon Diagnosis Menu

Press [0] button on the remote commander.

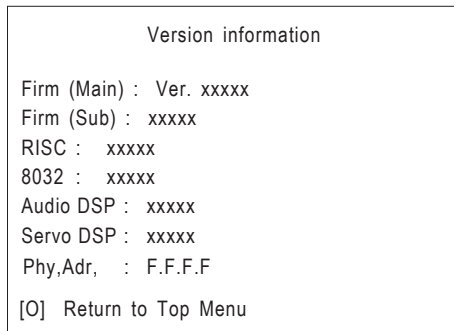
SECTION 4

ELECTRICAL ADJUSTMENTS

9-5. 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.



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

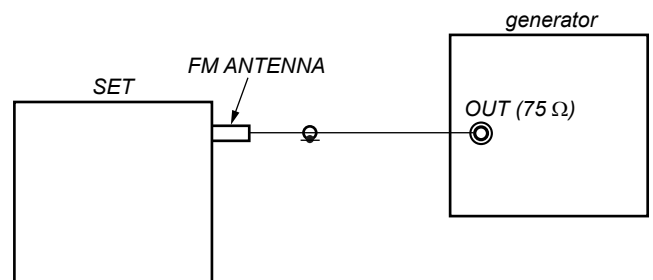
DVD SECTION

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

EXECUTING IOP MEASUREMENT (See page 19)

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.

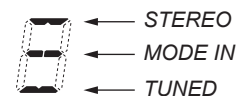
* Carrier Freq : A = 87.5 MHz, B = 98 MHz, C = 108 MHz
 Deviation : 75 kHz
 Modulation : 1 kHz
 ANT input : 35 dBu (EMF)

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” mark is lit on the display for A, B and C signals.

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

Note: The “TUNED” mark is displayed by the upper, middle, and lower segments.



SECTION 5 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.

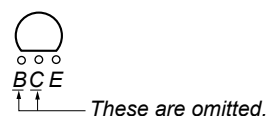
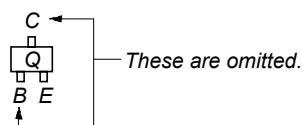
Note:

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

- Indication of transistor.



• Abbreviation

AR : Argentina model
E3 : 240V AC area in E model
E12 : 220 – 240V AC area in E model
E15 : Iranian model
E32 : 110 – 240V AC area in E model
EA : Saudi Arabia model
PH : Philippines model
SAF : South African model
SP : Singapore model
TH : Thai model
TW : Taiwan model

For Schematic Diagrams.

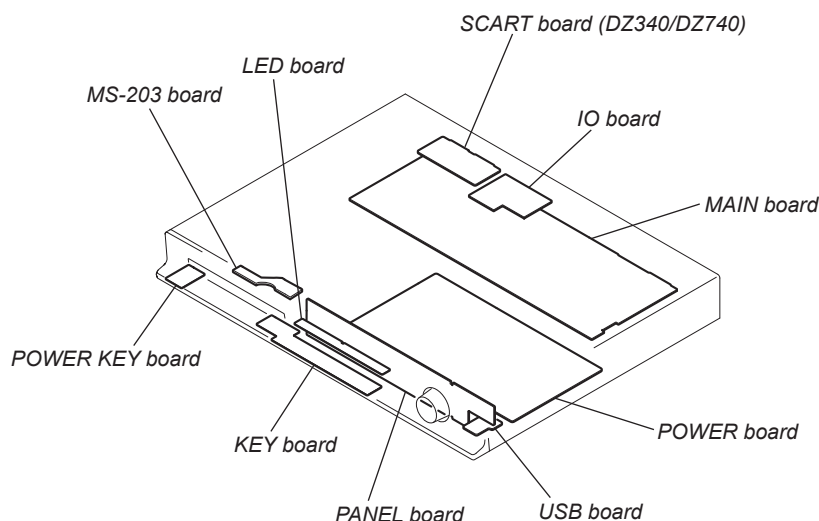
Note:

- 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.
- \triangle : Internal component.
- : Panel designation.

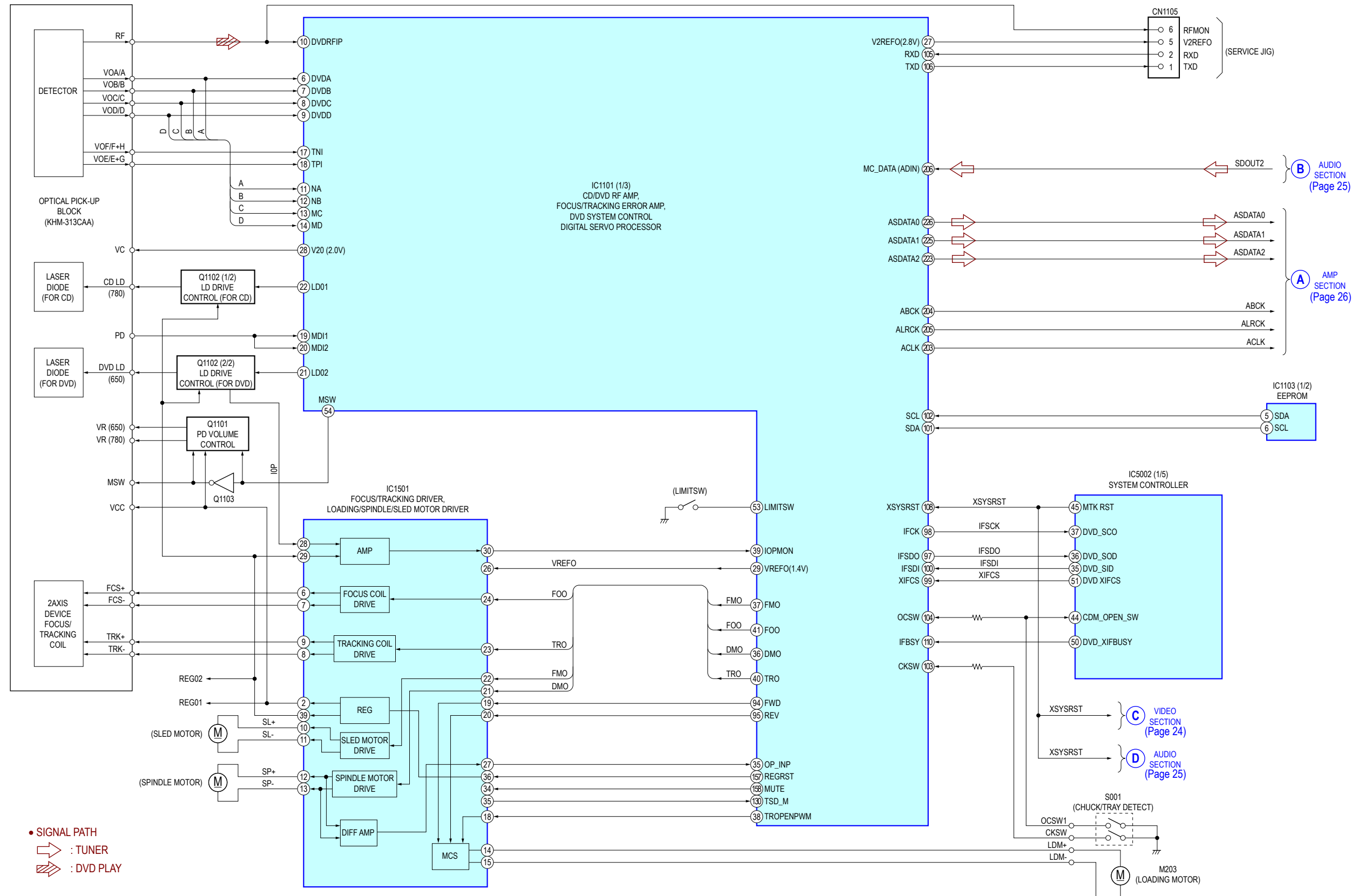
Note: The components identified by mark \triangle or dotted line with mark \triangle are critical for safety.
Replace only with part number specified.

- — : 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 M Ω).
- Circled numbers refer to waveforms.
- Signal path.
- ⇒ : TUNER
- ⇒ : DVD PLAY
- ⇒ : VIDEO
- ⇒ : COMPONENT VIDEO
- ▷ : MIC
- ▷ : AUDIO IN
- Abbreviation
- AR : Argentina model
- E3 : 240V AC area in E model
- E12 : 220 – 240V AC area in E model
- E15 : Iranian model
- E32 : 110 – 240V AC area in E model
- EA : Saudi Arabia model
- PH : Philippines model
- SAF : South African model
- SP : Singapore model
- TH : Thai model
- TW : Taiwan model

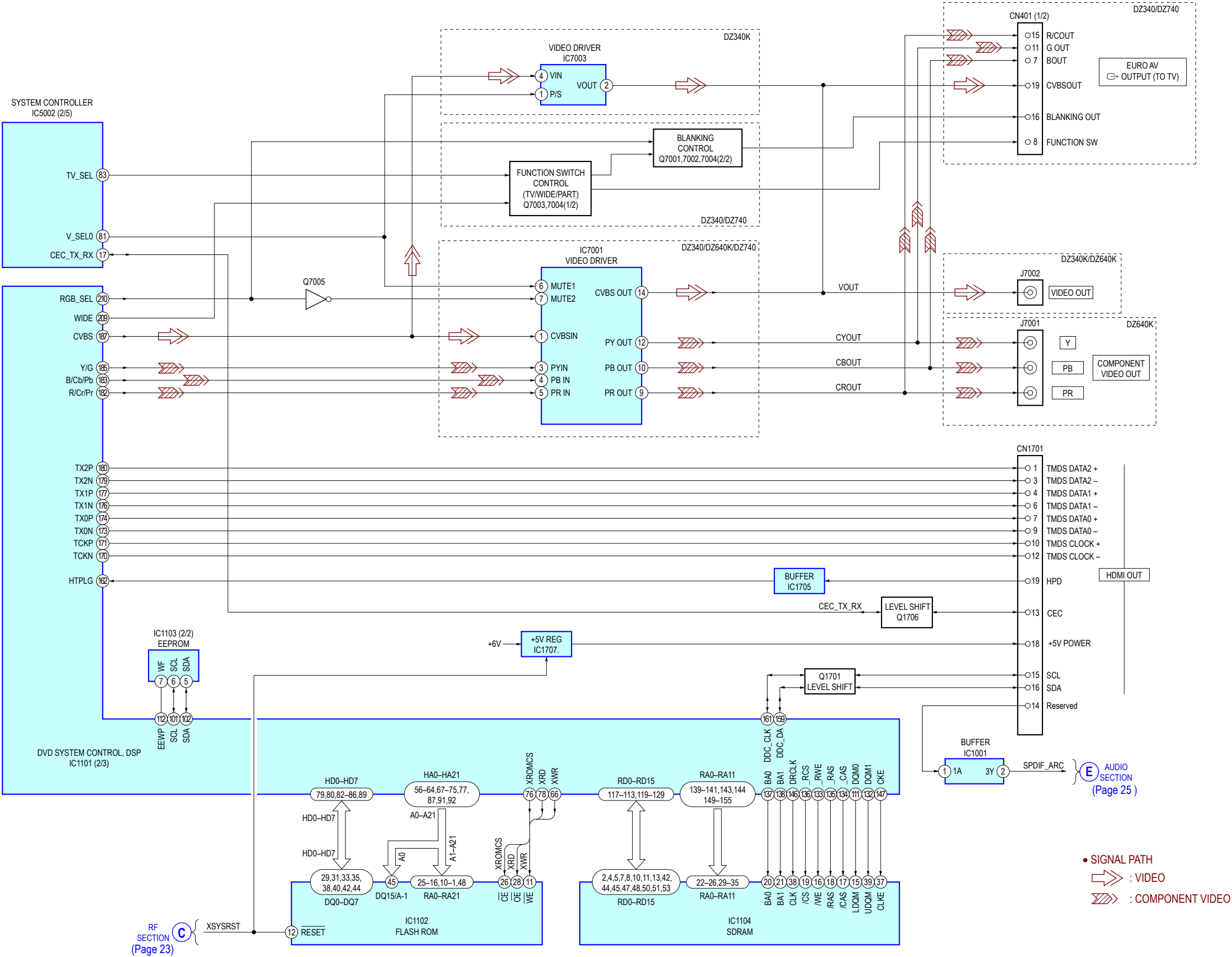
• Circuit Boards Location



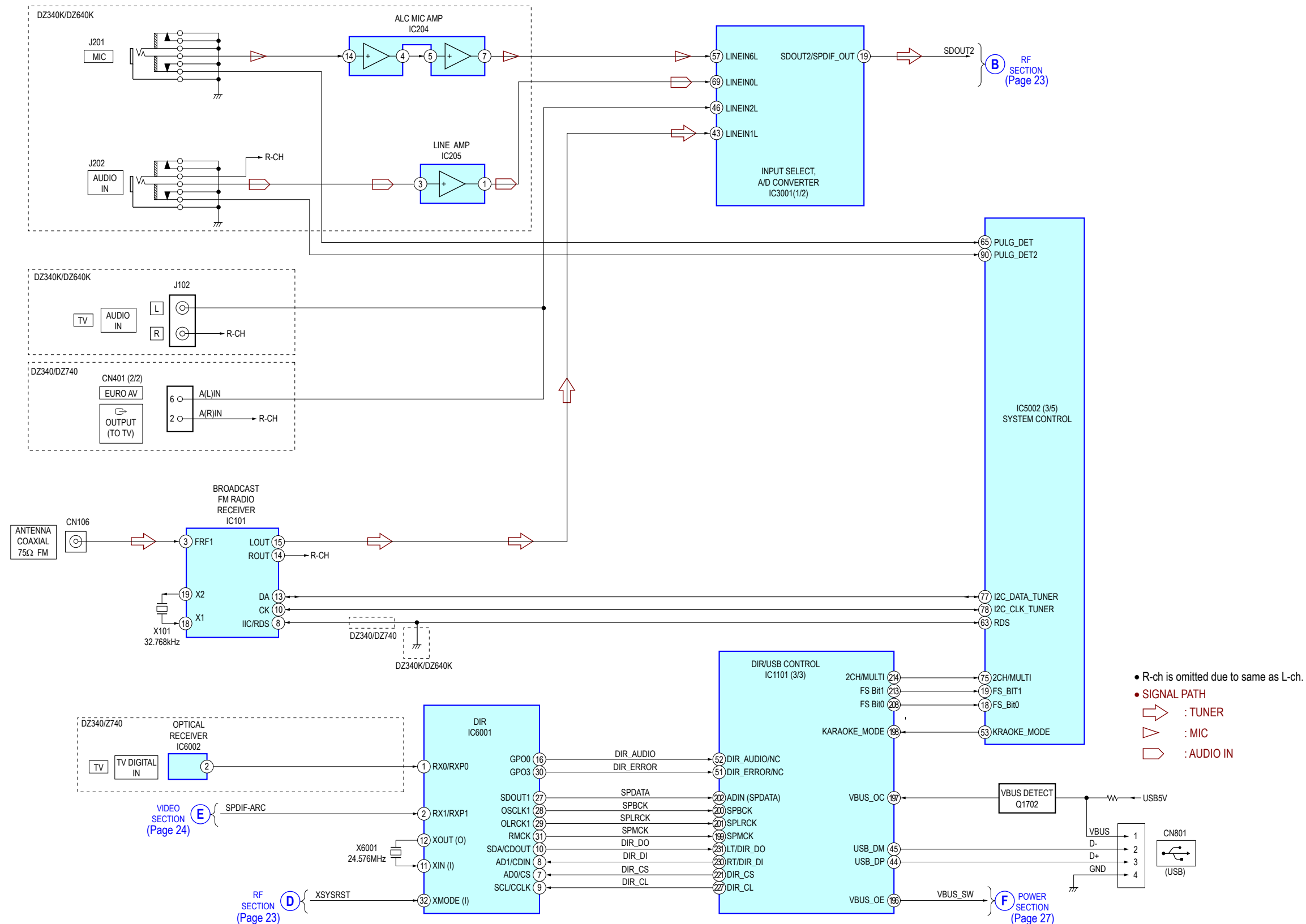
5-1. BLOCK DIAGRAM – RF Section –



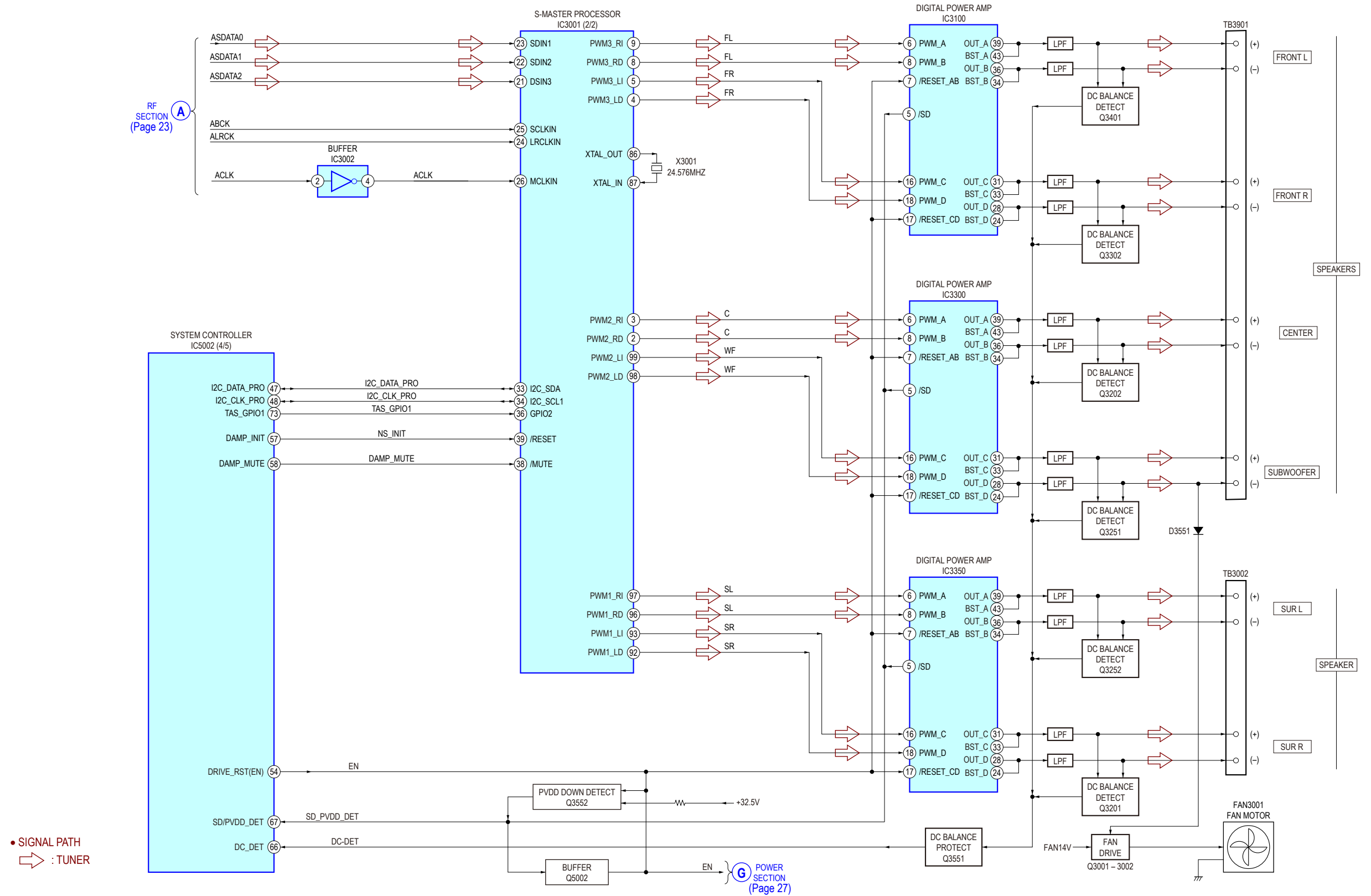
5-2. BLOCK DIAGRAM – VIDEO Section –



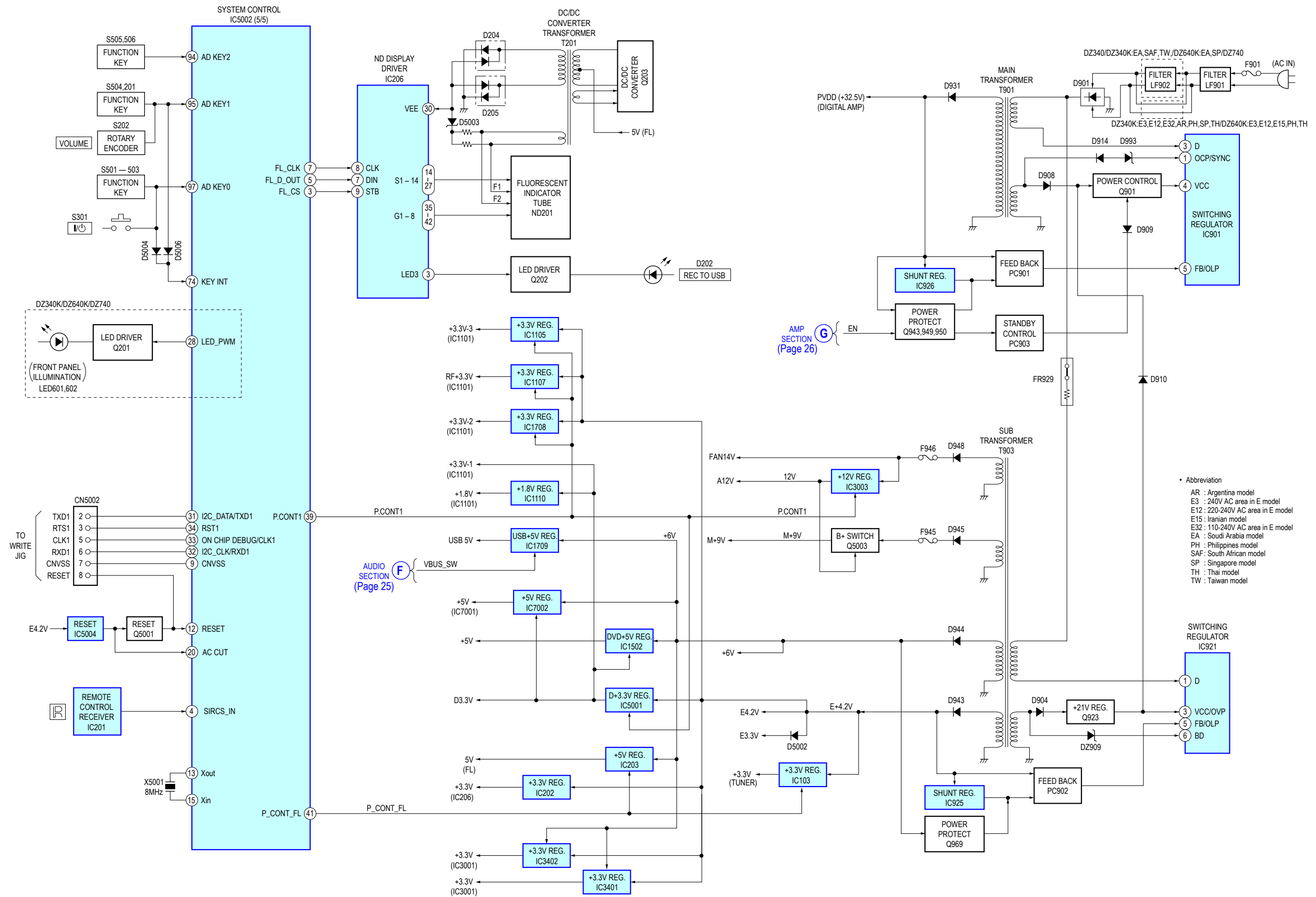
5-3. BLOCK DIAGRAM – AUDIO Section –



26

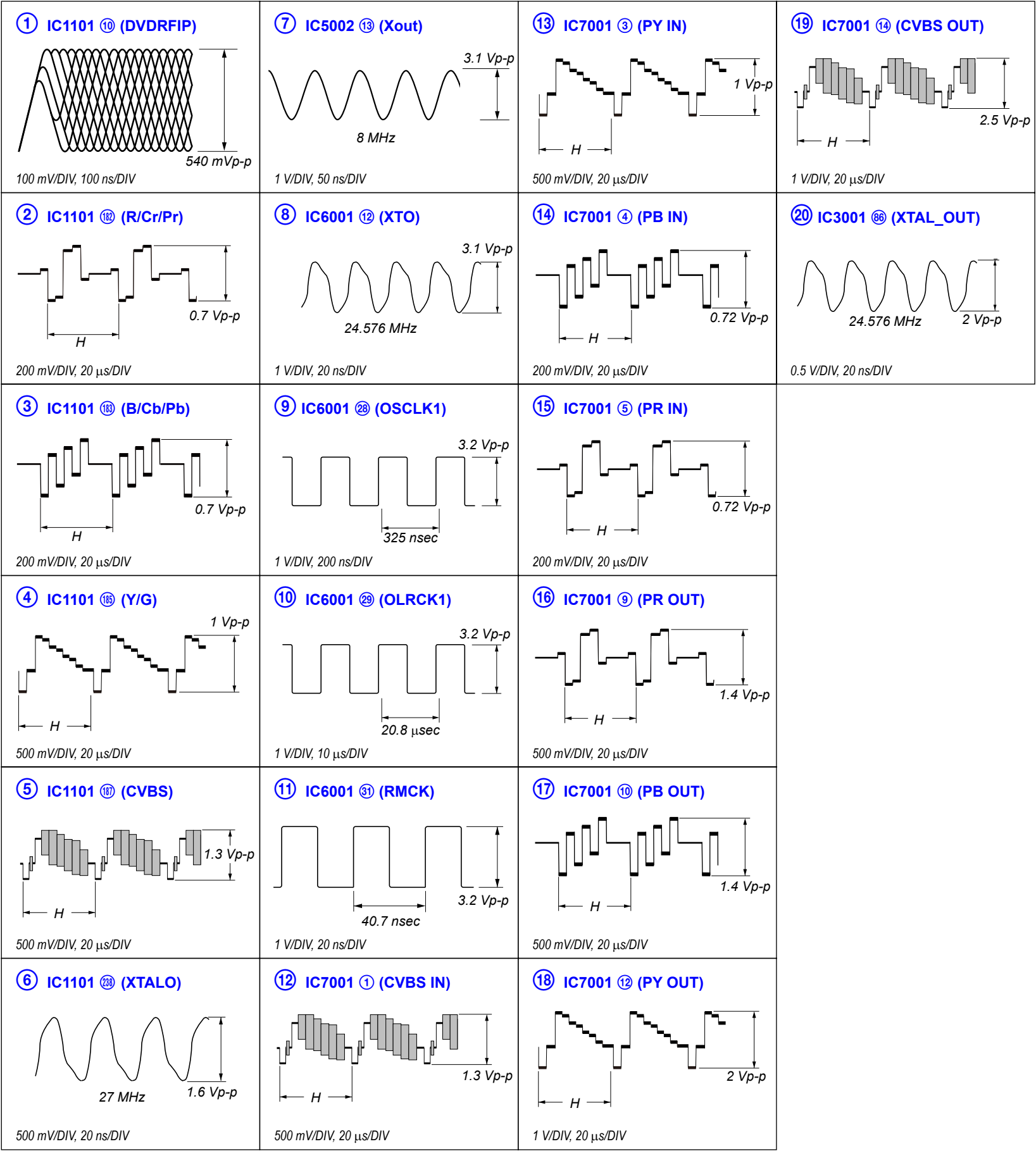


5-5. BLOCK DIAGRAM – POWER Section –

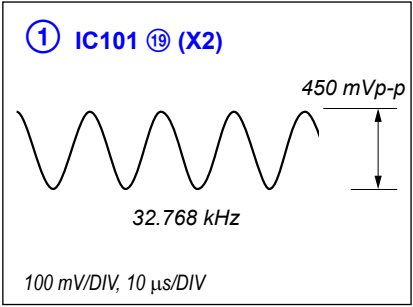


• Waveforms

– MAIN Board –



– IO Board –



A horizontal number line with 14 segments, numbered 14 down to 1 from left to right. The line is divided by vertical tick marks, and each segment is labeled with its corresponding number above the line.



5-7. PRINTED WIRING BOARD – MAIN Section (2/2) – • See page 22 for Circuit Boards Location. • : Uses unleaded solder.



A

MAIN BOARD (4/9) (5)
(Page 34)

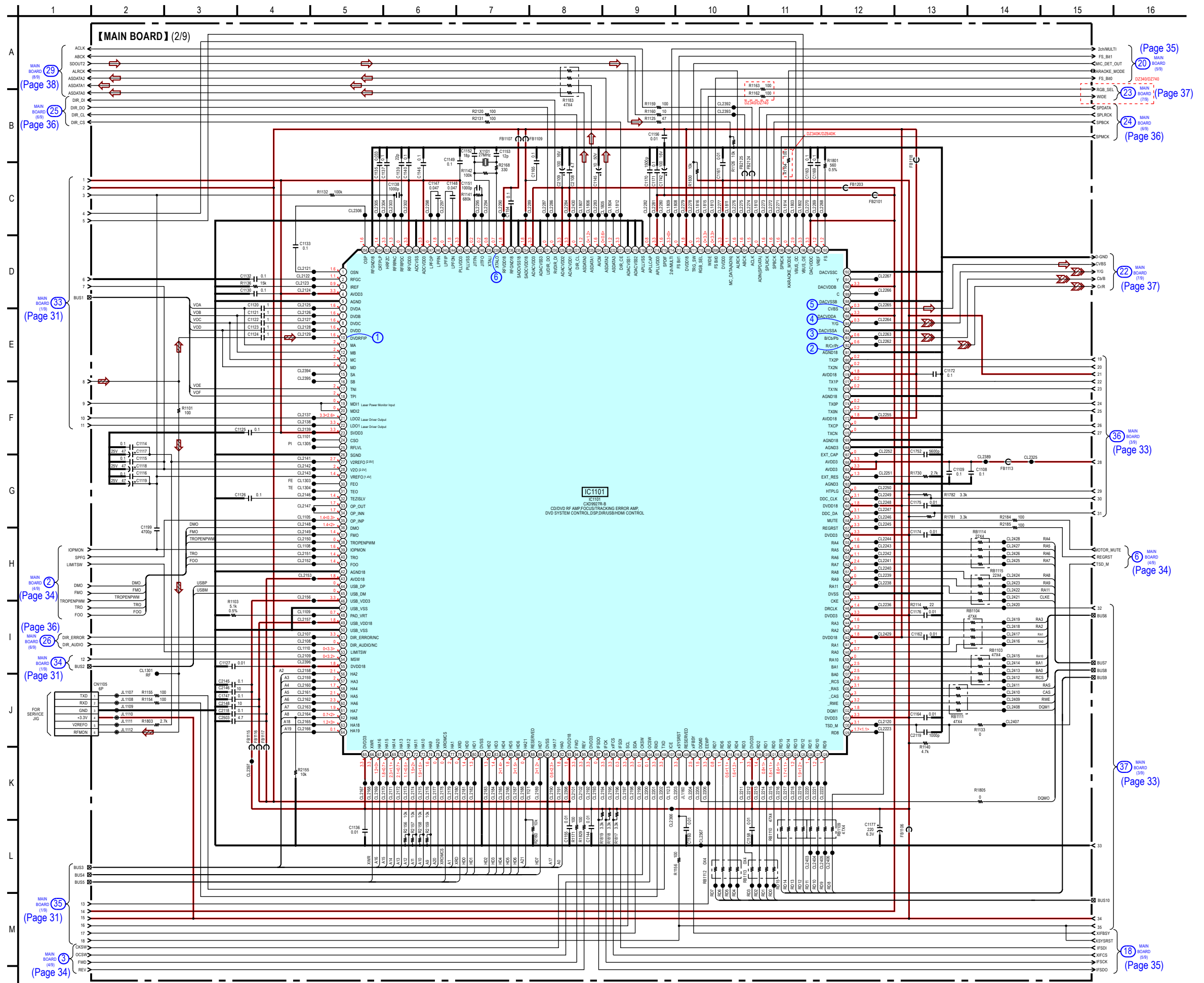
MAIN BOARD (8/9) (31)
(Page 38)

B

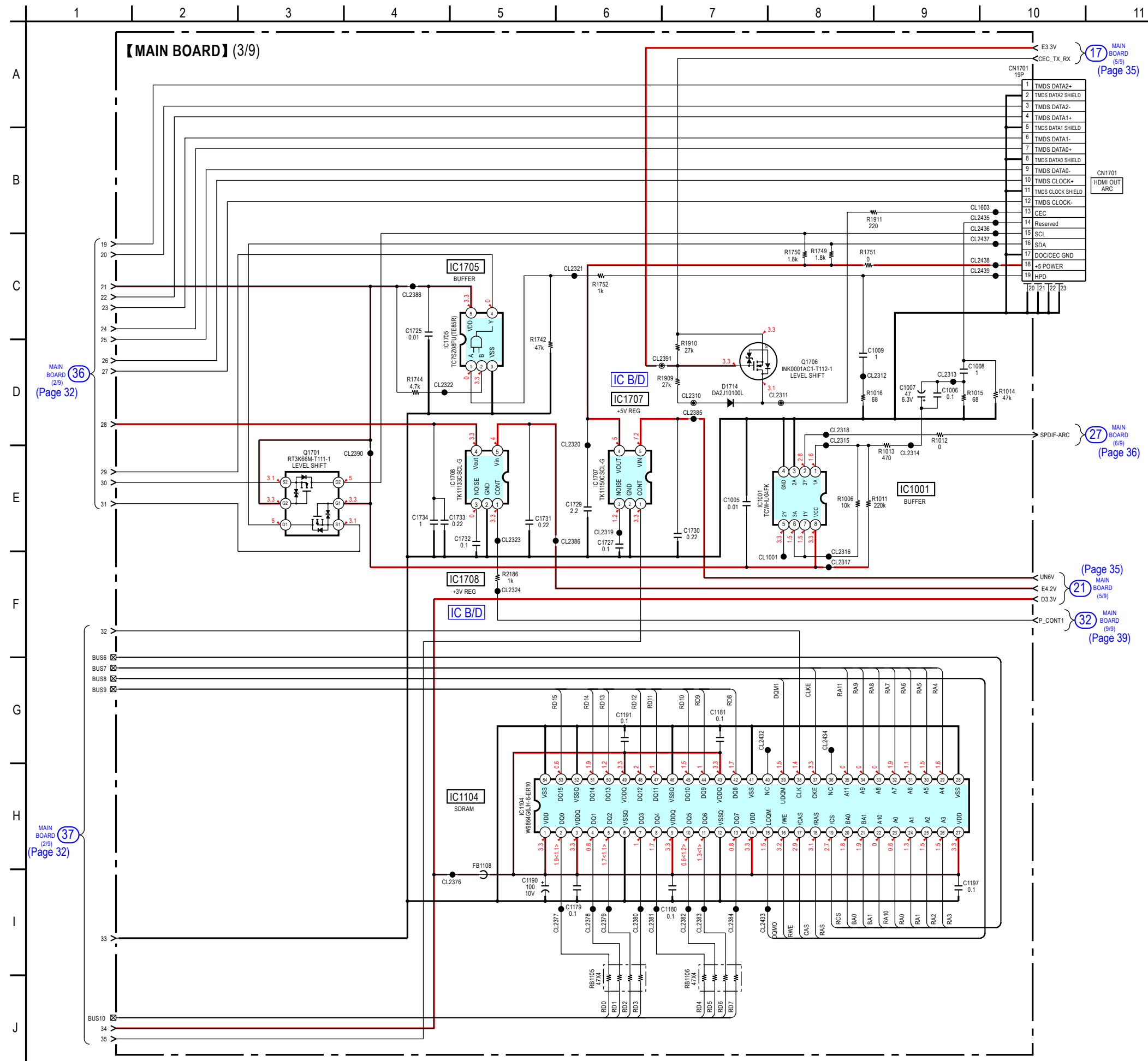
MAIN BOARD (8/9) (3)
(Page 38)



32

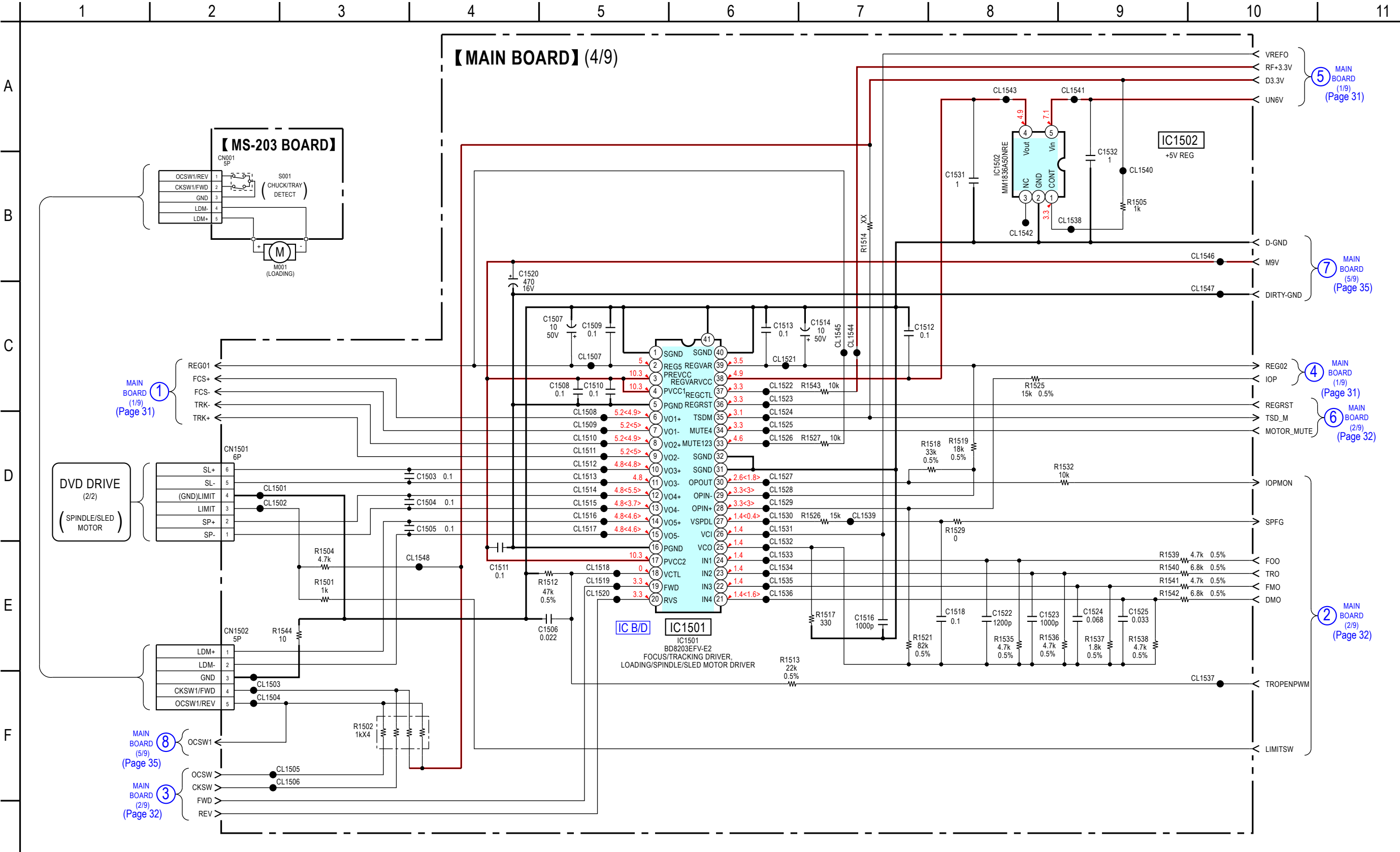


5-10. SCHEMATIC DIAGRAM – MAIN Section (3/9) – • See page 50 for IC Block Diagrams.



5-11. SCHEMATIC DIAGRAM – MAIN Section (4/9) – • See page 50 for IC Block Diagram.

Note: When IC1501 on the Main board is damaged, exchange the new Main board for the Main board which IC damaged.



【MAIN BOARD】(5/9)

This schematic diagram illustrates the electrical connections for the Main Board, centered around the IC5002 RSF3650KB0FA SYSTEM CONTROL IC. The diagram includes various input/output pins, power supply connections, and component values.

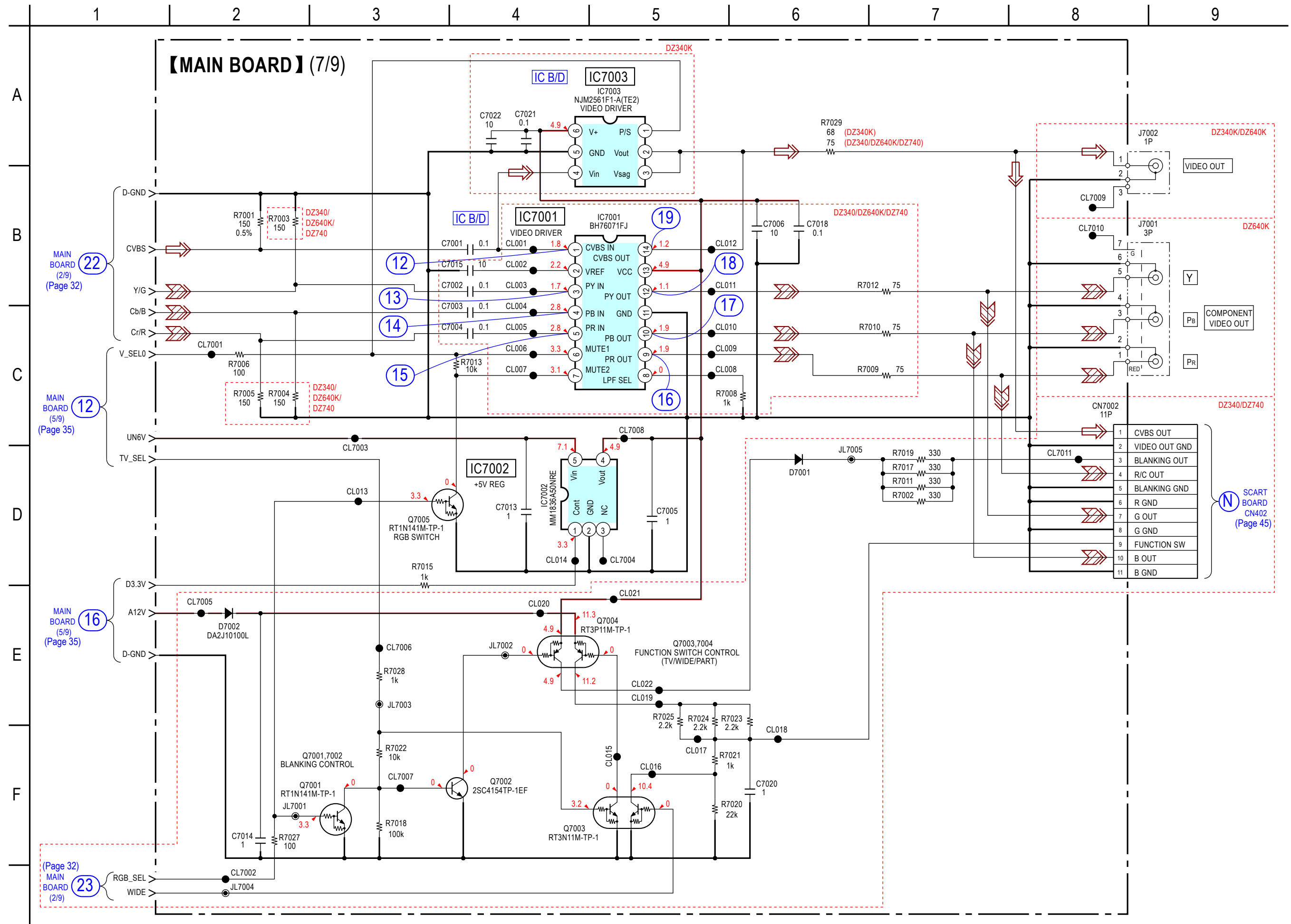
Key Components and Connections:

- IC5002 (RSF3650KB0FA):** SYSTEM CONTROL IC. Pins include:
 - 1: UNV6
 - 2: DIRTY_GND
 - 3: D_GND
 - 4: FL_DATA
 - 5: LED_PWM
 - 6: P_CONT_FL
 - 7: FL_CLK
 - 8: FL_CS
 - 9: SIRCS
 - 10: KEY2
 - 11: KEY1
 - 12: KEY0
 - 13: UNV6
 - 14: DIRTY_GND
 - 15: D_GND
 - 16: FL_DATA
 - 17: LED_PWM
 - 18: P_CONT_FL
 - 19: FL_CLK
 - 20: FL_CS
 - 21: SIRCS
 - 22: KEY2
 - 23: KEY1
 - 24: KEY0
 - 25: UNV6
 - 26: DIRTY_GND
 - 27: D_GND
 - 28: FL_DATA
 - 29: LED_PWM
 - 30: P_CONT_FL
 - 31: FL_CLK
 - 32: FL_CS
 - 33: SIRCS
 - 34: KEY2
 - 35: KEY1
 - 36: KEY0
 - 37: UNV6
 - 38: DIRTY_GND
 - 39: D_GND
 - 40: FL_DATA
 - 41: LED_PWM
 - 42: P_CONT_FL
 - 43: FL_CLK
 - 44: FL_CS
 - 45: SIRCS
 - 46: KEY2
 - 47: KEY1
 - 48: KEY0
 - 49: UNV6
 - 50: DIRTY_GND
 - 51: D_GND
 - 52: FL_DATA
 - 53: LED_PWM
 - 54: P_CONT_FL
 - 55: FL_CLK
 - 56: FL_CS
 - 57: SIRCS
 - 58: KEY2
 - 59: KEY1
 - 60: KEY0
 - 61: UNV6
 - 62: DIRTY_GND
 - 63: D_GND
 - 64: FL_DATA
 - 65: LED_PWM
 - 66: P_CONT_FL
 - 67: FL_CLK
 - 68: FL_CS
 - 69: SIRCS
 - 70: KEY2
 - 71: KEY1
 - 72: KEY0
 - 73: UNV6
 - 74: DIRTY_GND
 - 75: D_GND
 - 76: FL_DATA
 - 77: LED_PWM
 - 78: P_CONT_FL
 - 79: FL_CLK
 - 80: FL_CS
 - 81: SIRCS
 - 82: KEY2
 - 83: KEY1
 - 84: KEY0
 - 85: UNV6
 - 86: DIRTY_GND
 - 87: D_GND
 - 88: FL_DATA
 - 89: LED_PWM
 - 90: P_CONT_FL
 - 91: FL_CLK
 - 92: FL_CS
 - 93: SIRCS
 - 94: KEY2
 - 95: KEY1
 - 96: KEY0
 - 97: UNV6
 - 98: DIRTY_GND
 - 99: D_GND
 - 100: FL_DATA
- IC5001:** +3.3V REG.
- IC5003:** 2SK3577.
- IC5004:** RESET.
- IC5005:** 10k.
- IC5006:** 10k.
- IC5007:** 10k.
- IC5008:** 10k.
- IC5009:** 10k.
- IC5010:** 10k.
- IC5011:** 10k.
- IC5012:** 10k.
- IC5013:** 10k.
- IC5014:** 10k.
- IC5015:** 10k.
- IC5016:** 10k.
- IC5017:** 10k.
- IC5018:** 10k.
- IC5019:** 10k.
- IC5020:** 10k.
- IC5021:** 10k.
- IC5022:** 10k.
- IC5023:** 10k.
- IC5024:** 10k.
- IC5025:** 10k.
- IC5026:** 10k.
- IC5027:** 10k.
- IC5028:** 10k.
- IC5029:** 10k.
- IC5030:** 10k.
- IC5031:** 10k.
- IC5032:** 10k.
- IC5033:** 10k.
- IC5034:** 10k.
- IC5035:** 10k.
- IC5036:** 10k.
- IC5037:** 10k.
- IC5038:** 10k.
- IC5039:** 10k.
- IC5040:** 10k.
- IC5041:** 10k.
- IC5042:** 10k.
- IC5043:** 10k.
- IC5044:** 10k.
- IC5045:** 10k.
- IC5046:** 10k.
- IC5047:** 10k.
- IC5048:** 10k.
- IC5049:** 10k.
- IC5050:** 10k.
- IC5051:** 10k.
- IC5052:** 10k.
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- IC5056:** 10k.
- IC5057:** 10k.
- IC5058:** 10k.
- IC5059:** 10k.
- IC5060:** 10k.
- IC5061:** 10k.
- IC5062:** 10k.
- IC5063:** 10k.
- IC5064:** 10k.
- IC5065:** 10k.
- IC5066:** 10k.
- IC5067:** 10k.
- IC5068:** 10k.
- IC5069:** 10k.
- IC5070:** 10k.
- IC5071:** 10k.
- IC5072:** 10k.
- IC5073:** 10k.
- IC5074:** 10k.
- IC5075:** 10k.
- IC5076:** 10k.
- IC5077:** 10k.
- IC5078:** 10k.
- IC5079:** 10k.
- IC5080:** 10k.
- IC5081:** 10k.
- IC5082:** 10k.
- IC5083:** 10k.
- IC5084:** 10k.
- IC5085:** 10k.
- IC5086:** 10k.
- IC5087:** 10k.
- IC5088:** 10k.
- IC5089:** 10k.
- IC5090:** 10k.
- IC5091:** 10k.
- IC5092:** 10k.
- IC5093:** 10k.
- IC5094:** 10k.
- IC5095:** 10k.
- IC5096:** 10k.
- IC5097:** 10k.
- IC5098:** 10k.
- IC5099:** 10k.
- IC5100:** 10k.
- IC5101:** 10k.
- IC5102:** 10k.
- IC5103:** 10k.
- IC5104:** 10k.
- IC5105:** 10k.
- IC5106:** 10k.
- IC5107:** 10k.
- IC5108:** 10k.
- IC5109:** 10k.
- IC5110:** 10k.
- IC5111:** 10k.
- IC5112:** 10k.
- IC5113:** 10k.
- IC5114:** 10k.
- IC5115:** 10k.
- IC5116:** 10k.
- IC5117:** 10k.
- IC5118:** 10k.
- IC5119:** 10k.
- IC5120:** 10k.
- IC5121:** 10k.
- IC5122:** 10k.
- IC5123:** 10k.
- IC5124:** 10k.
- IC5125:** 10k.
- IC5126:** 10k.
- IC5127:** 10k.
- IC5128:** 10k.
- IC5129:** 10k.
- IC5130:** 10k.
- IC5131:** 10k.
- IC5132:** 10k.
- IC5133:** 10k.
- IC5134:** 10k.
- IC5135:** 10k.
- IC5136:** 10k.
- IC5137:** 10k.
- IC5138:** 10k.
- IC5139:** 10k.
- IC5140:** 10k.
- IC5141:** 10k.
- IC5142**

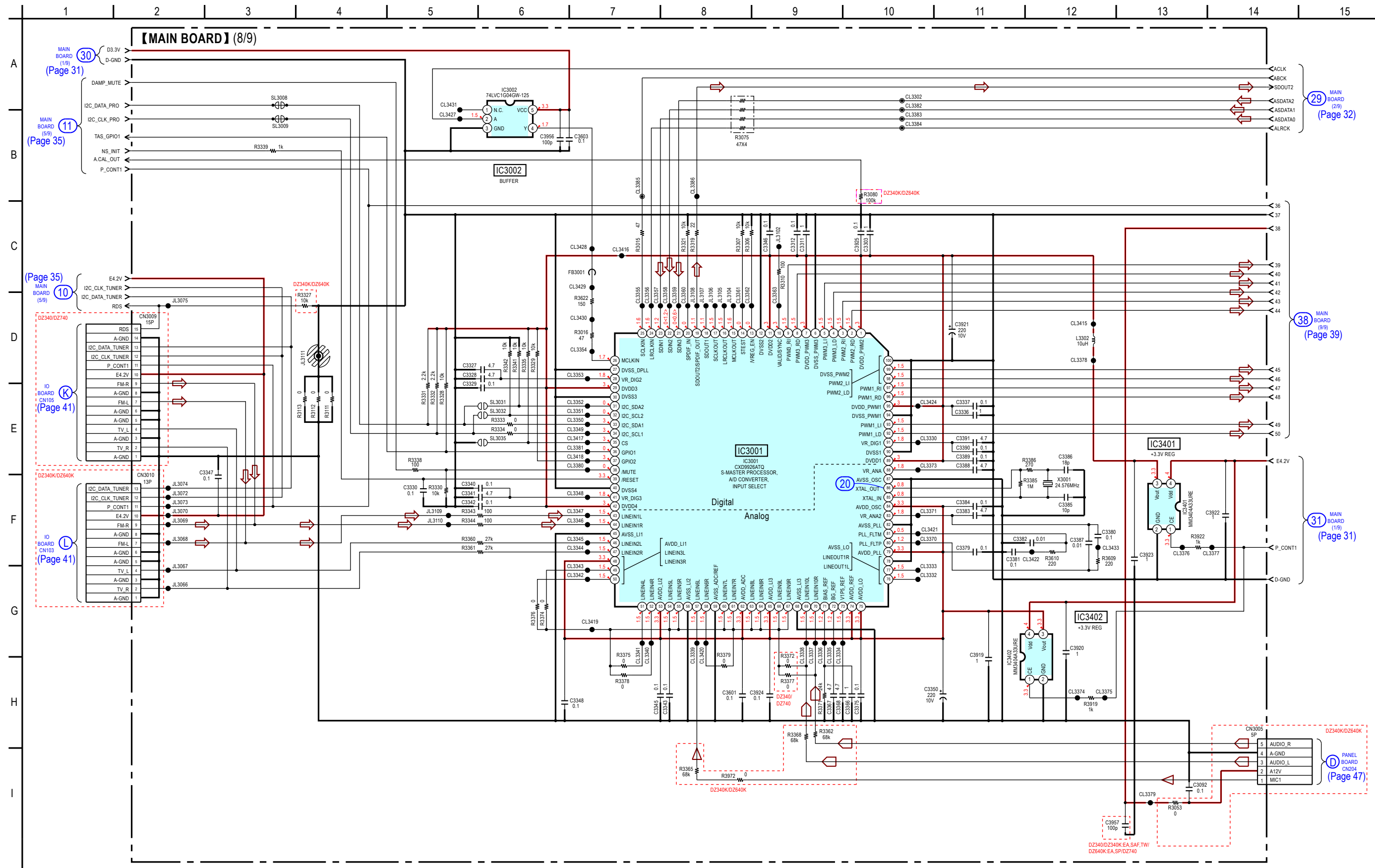
A
—
B
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C
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D
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E



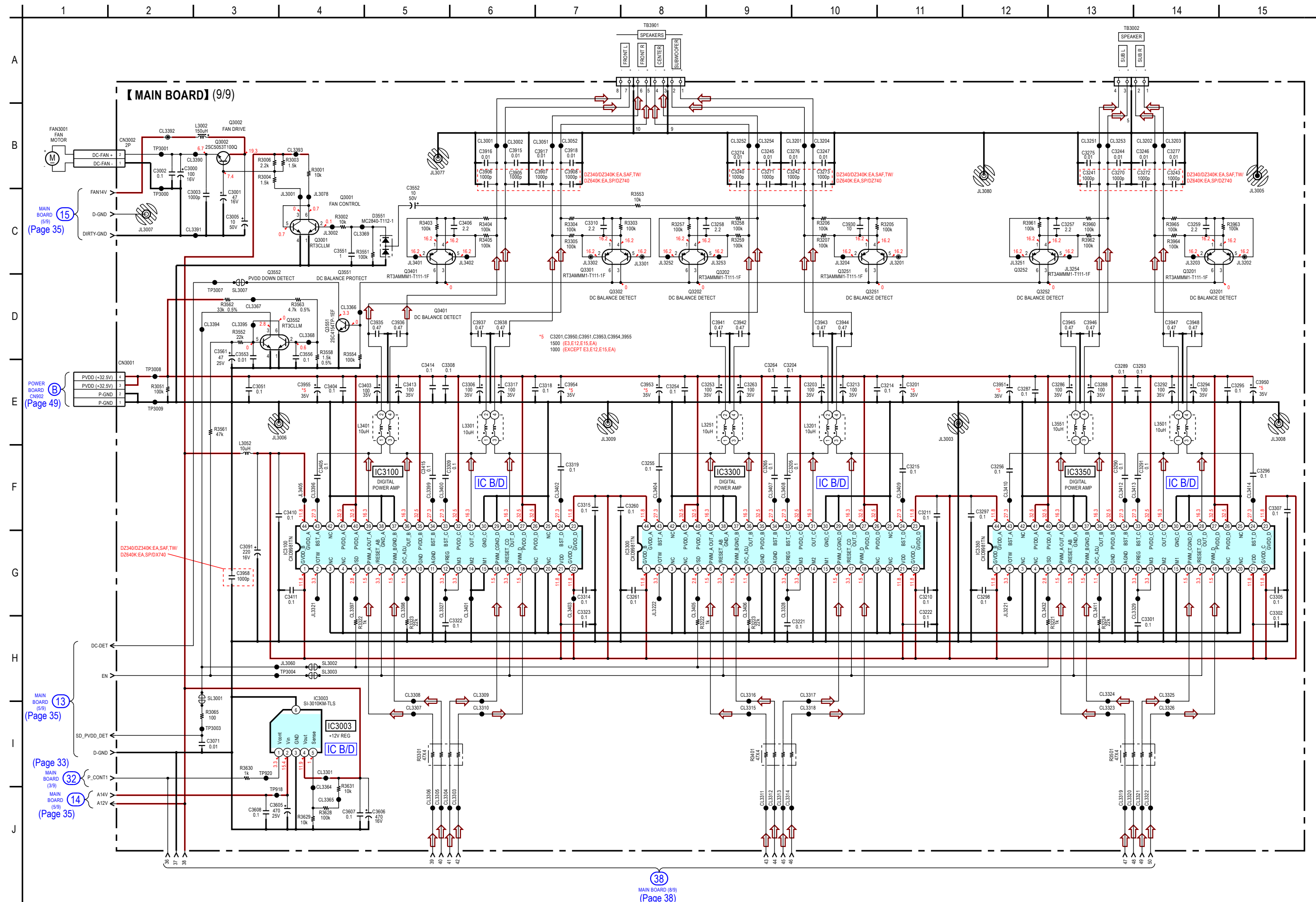
5-14. SCHEMATIC DIAGRAM – MAIN Section (7/9) – • See page 28 for waveforms. • See page 50 for IC Block Diagrams.



A horizontal timeline with 15 numbered segments from 1 to 15. Each segment is represented by a vertical tick mark on a horizontal line, with the number placed above the tick mark.



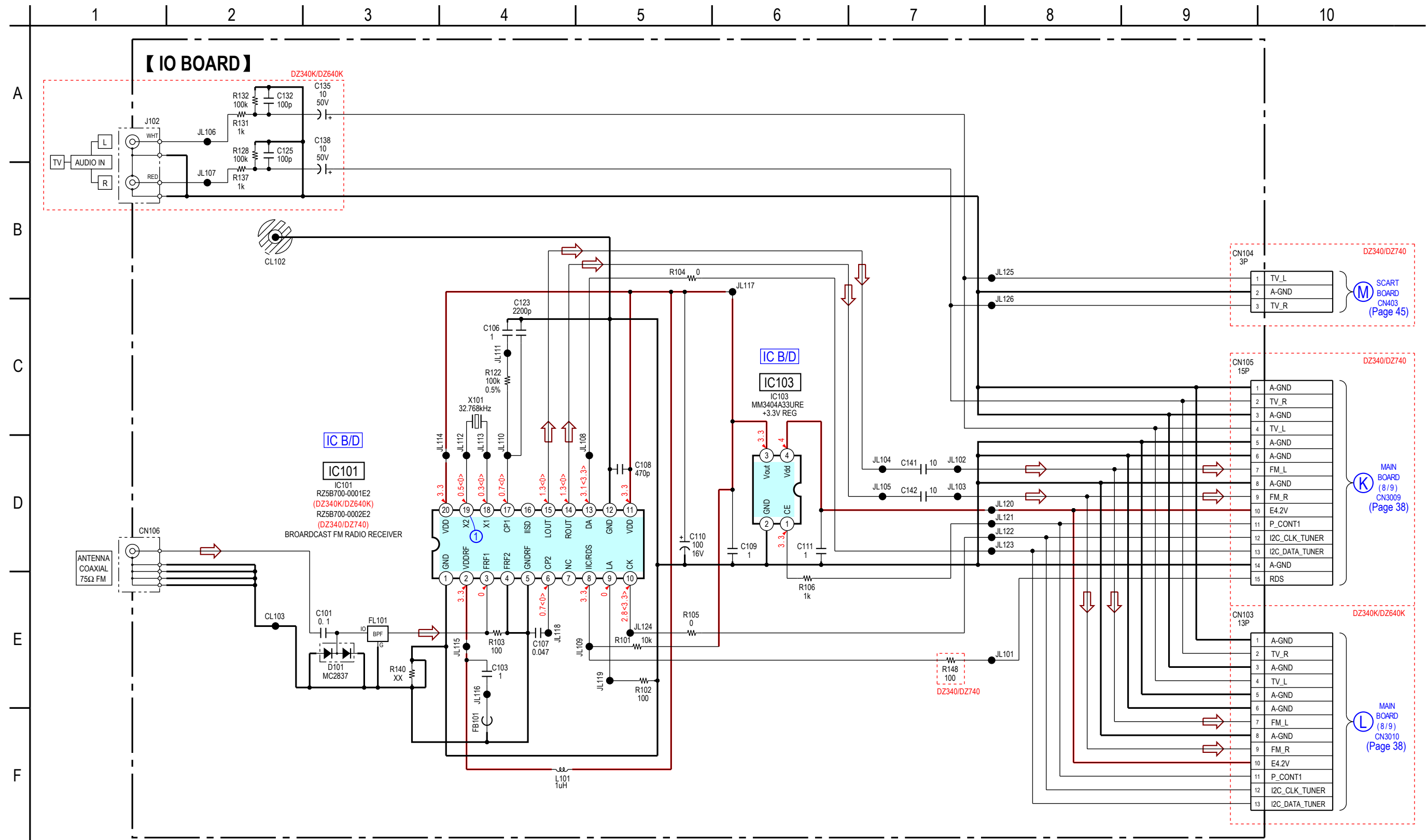
5-16. SCHEMATIC DIAGRAM – MAIN Section (9/9) – • See page 51 for IC Block Diagrams.



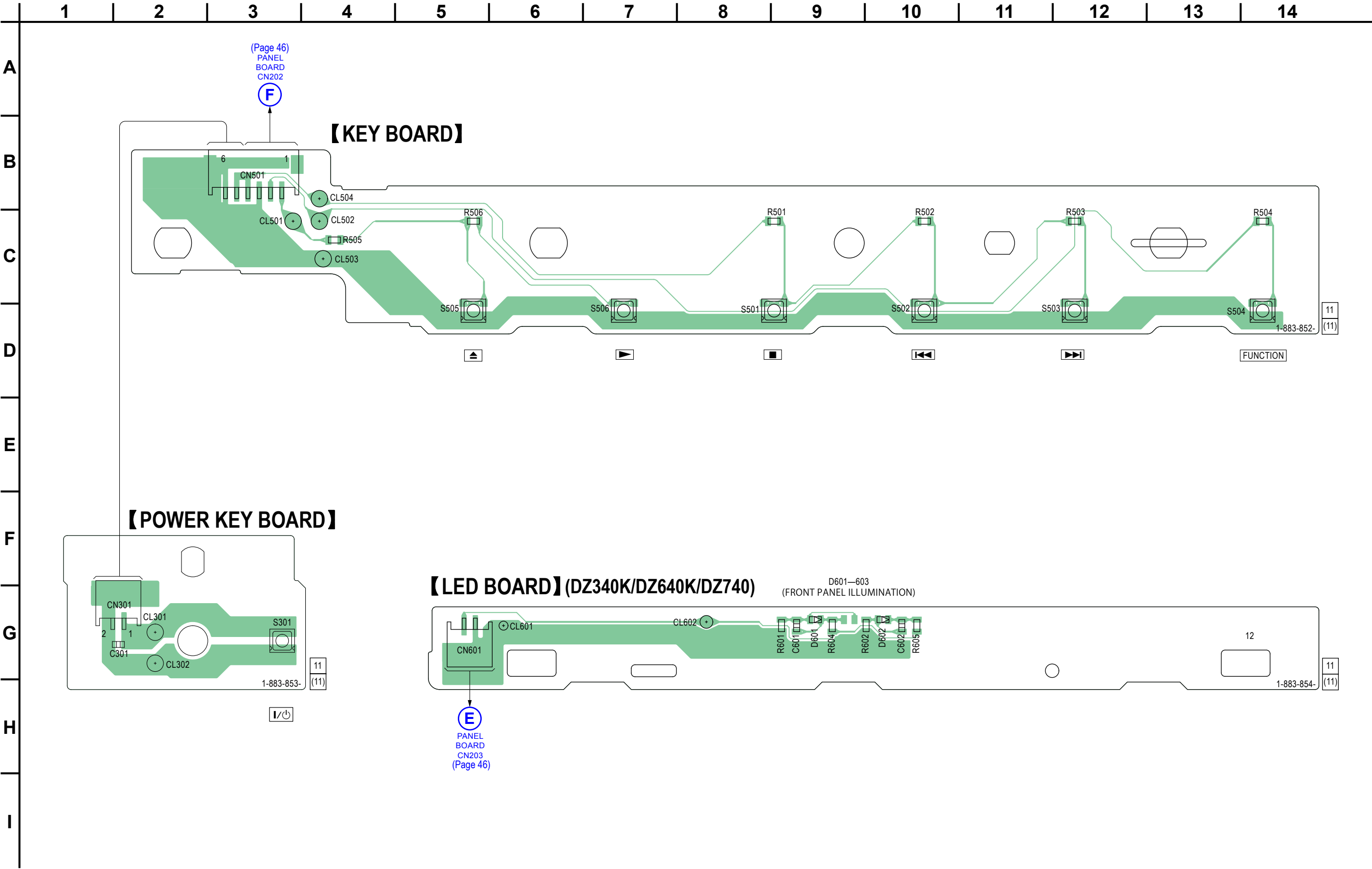
40 40



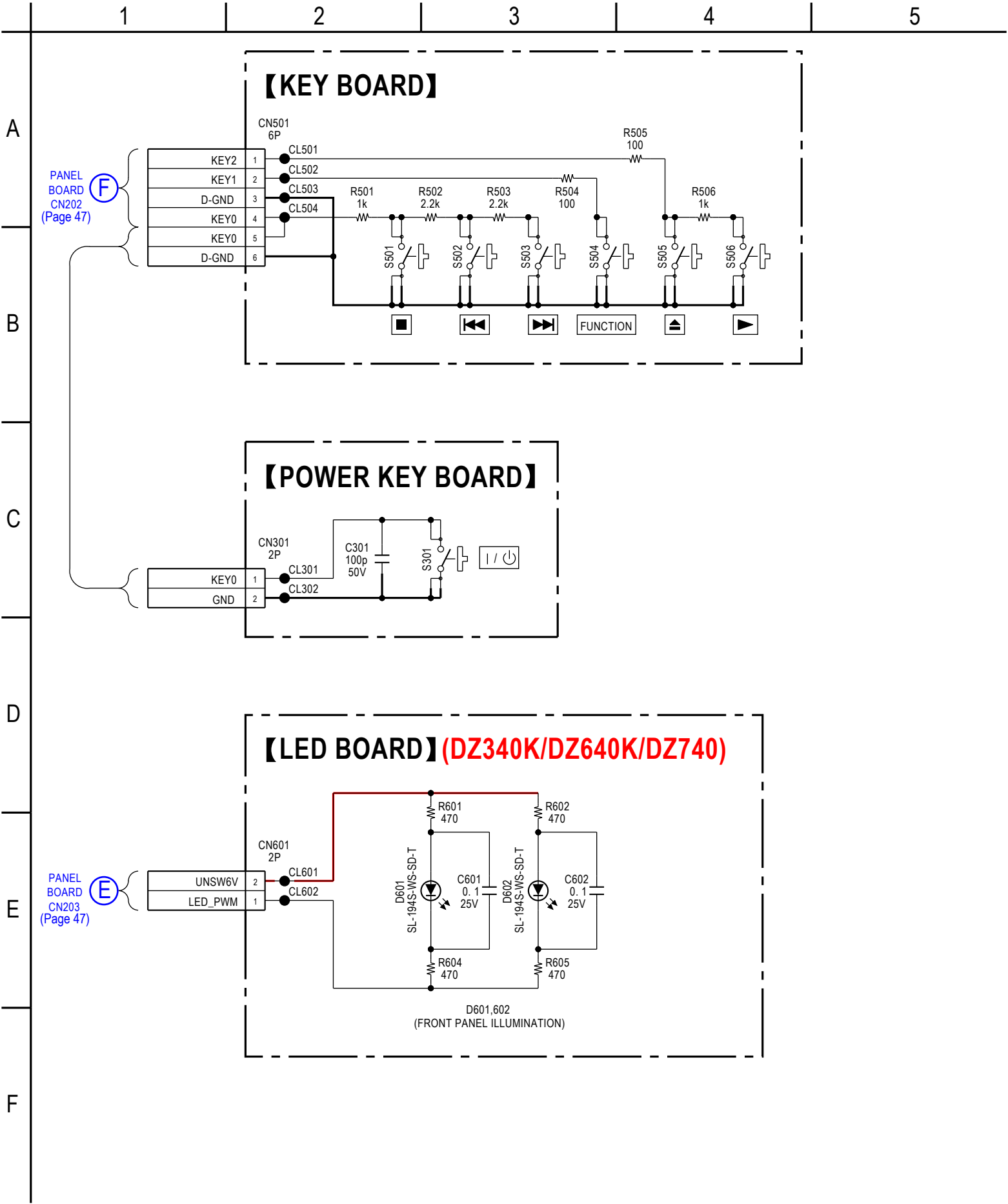
5-18. SCHEMATIC DIAGRAM – IO Section – • See page 28 for waveform. • See page 52, 53 for IC Block Diagrams.



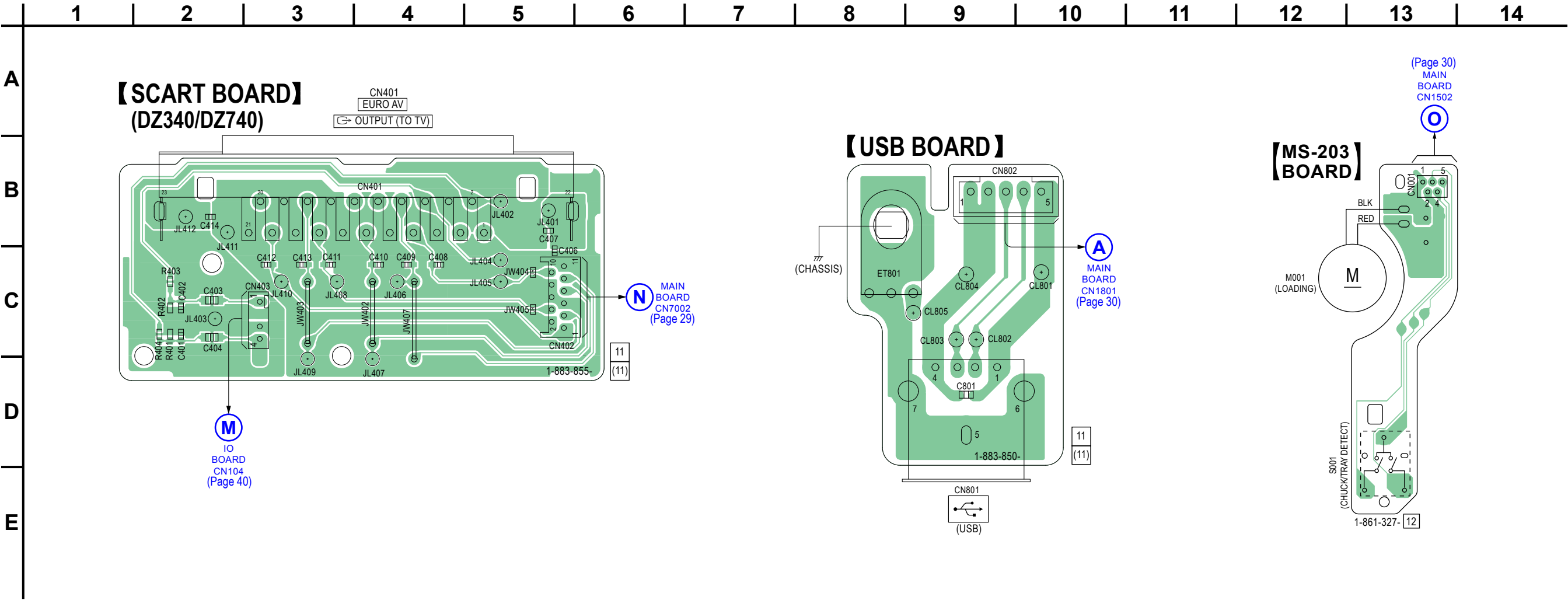
5-19. PRINTED WIRING BOARDS – KEY, POWER KEY, LED Section – • See page 22 for Circuit Boards Location. •  : Uses unleaded solder.



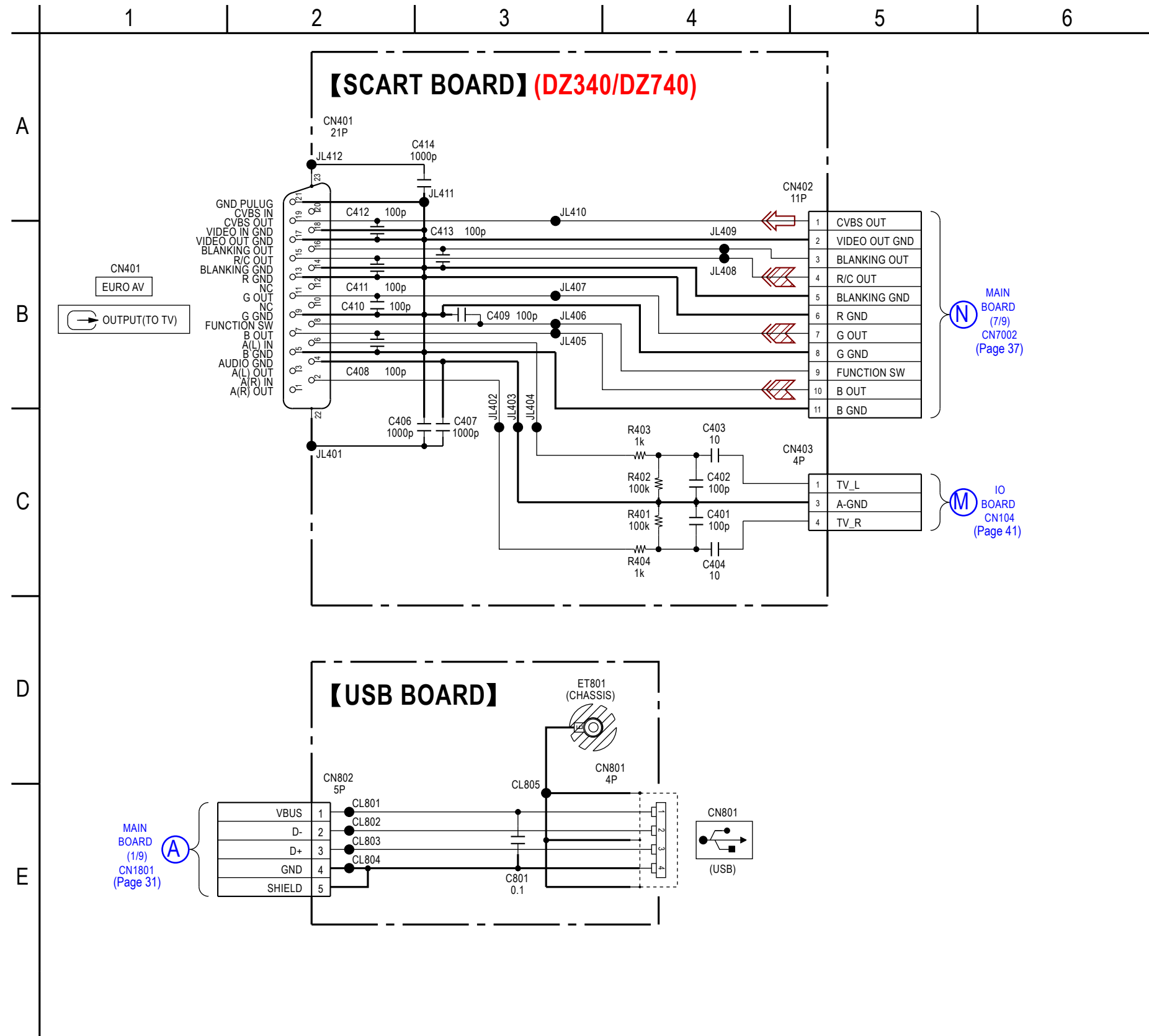
5-20. SCHEMATIC DIAGRAM – KEY, POWER KEY, LED Section –



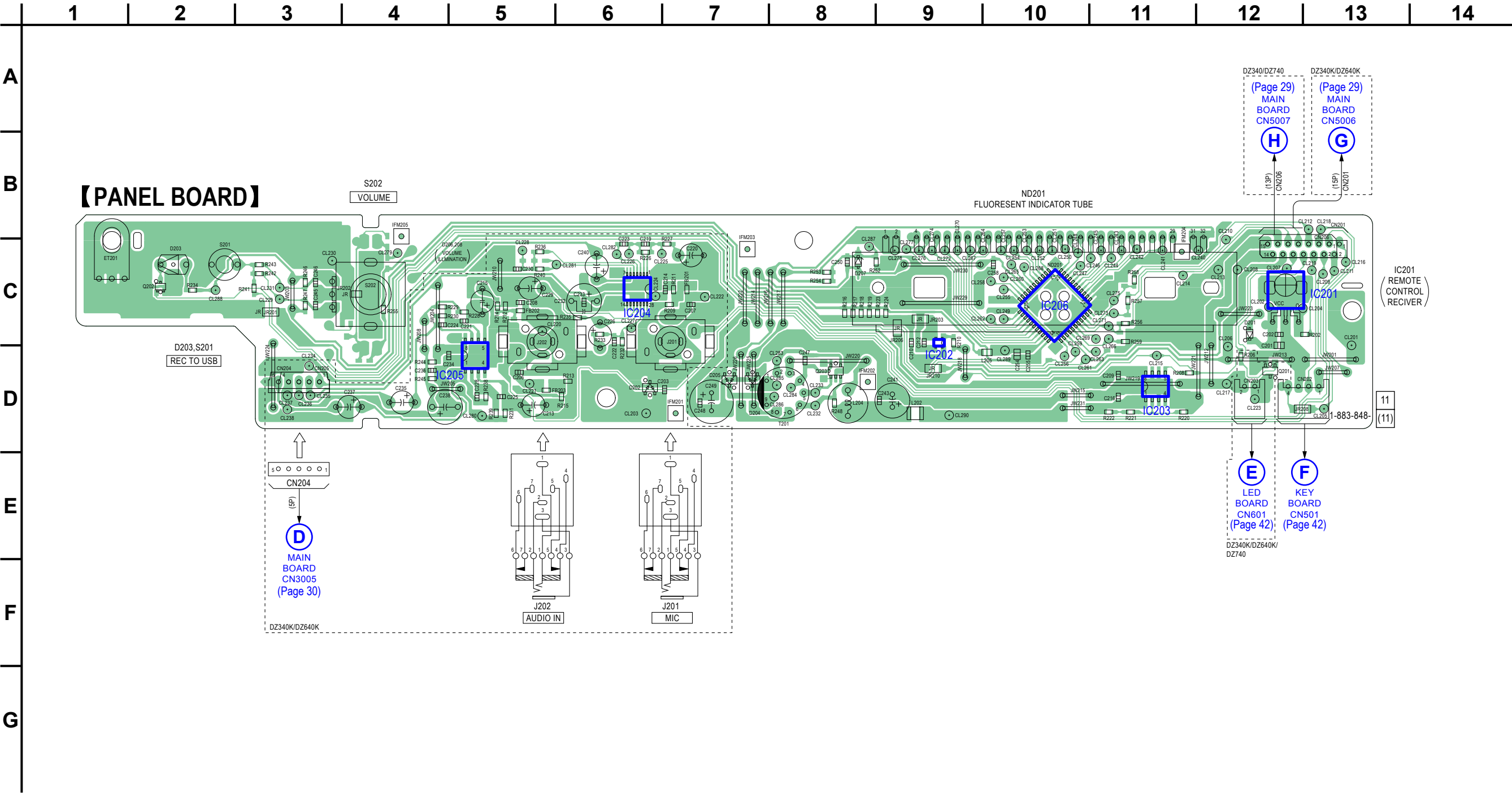
5-21. PRINTED WIRING BOARDS – SCART, USB, MS-203 Section – • See page 22 for Circuit Boards Location. •  : Uses unleaded solder.



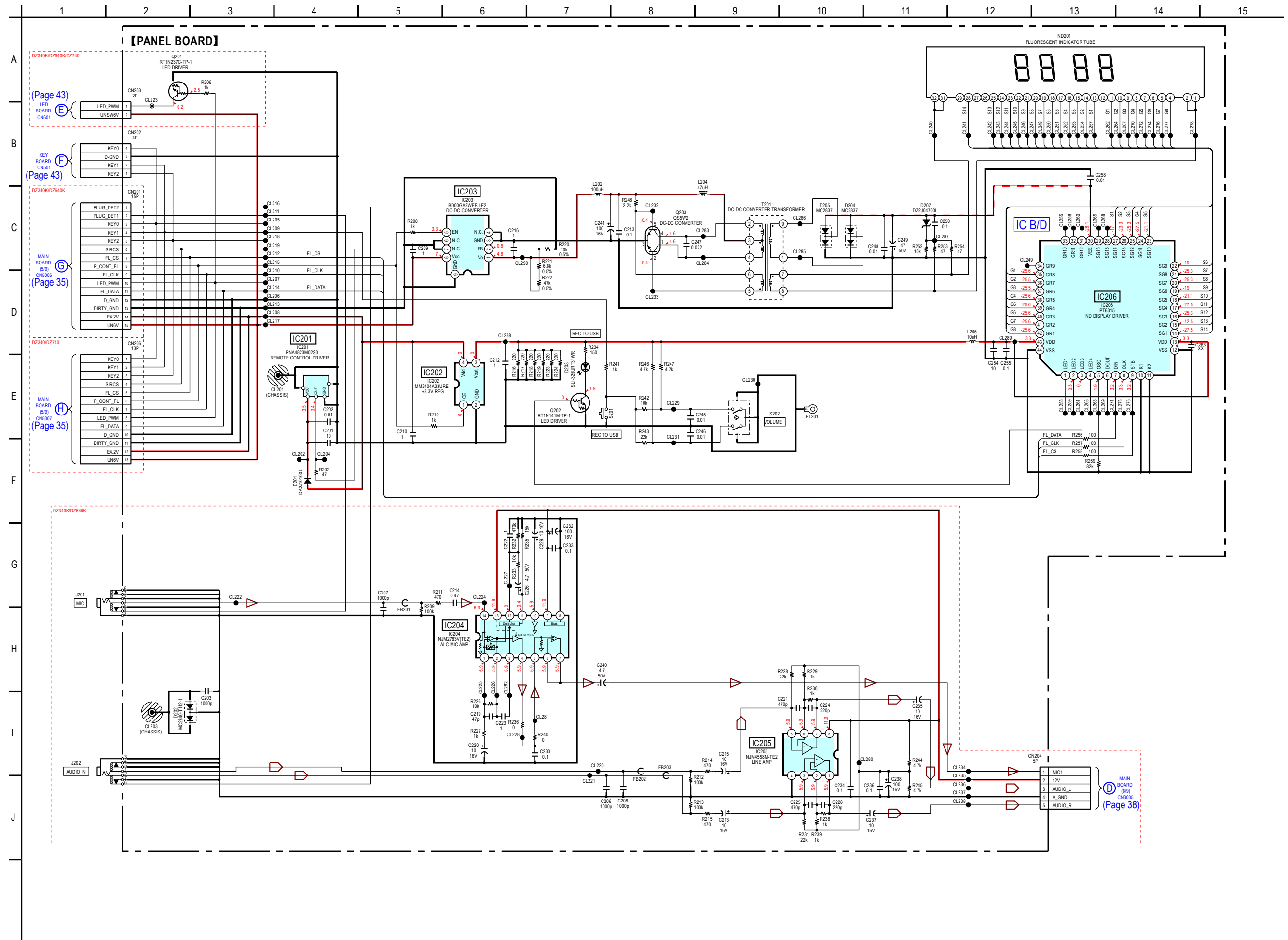
5-22. SCHEMATIC DIAGRAM – SCART, USB Section –



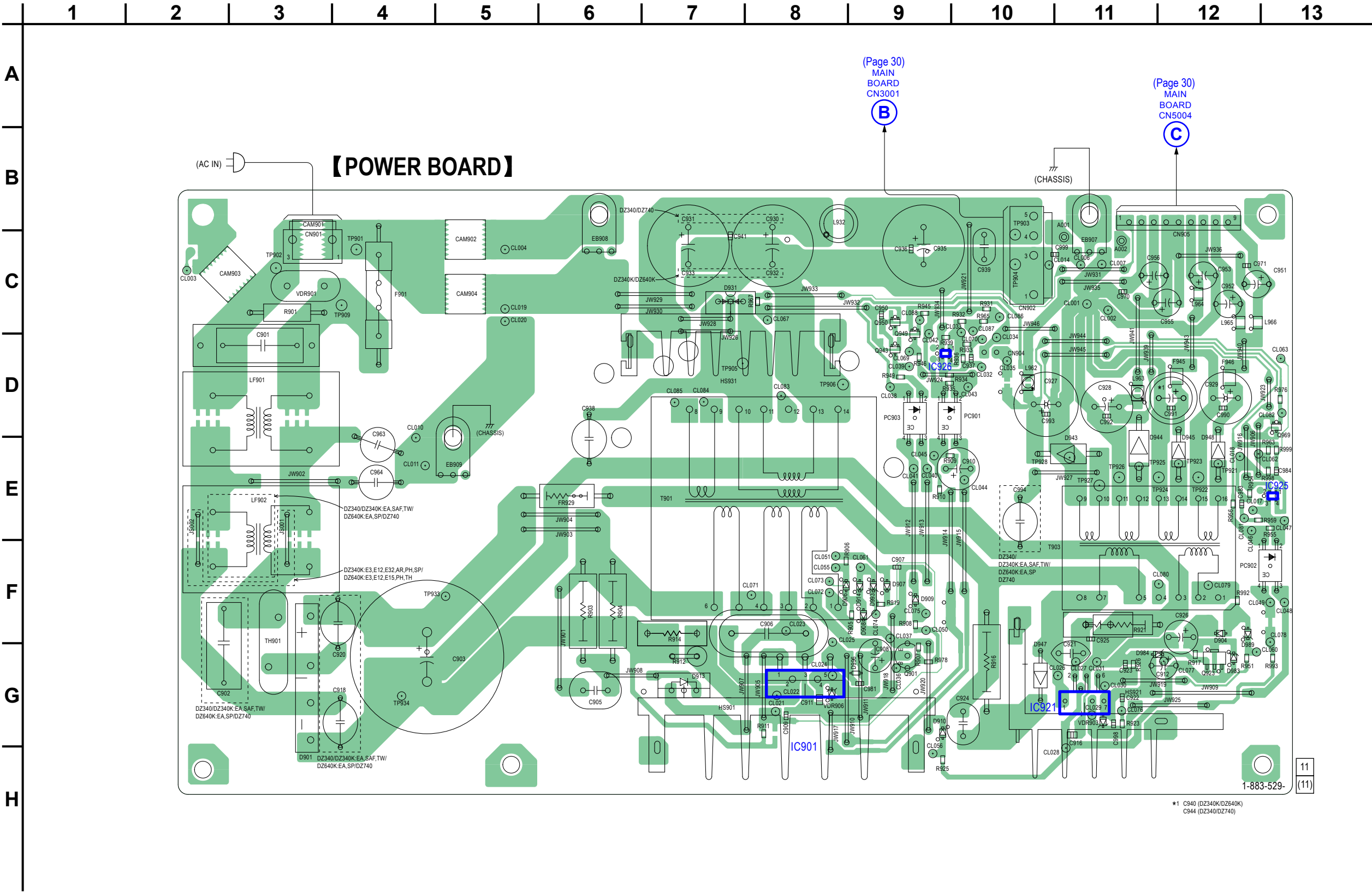
5-23. PRINTED WIRING BOARD – PANEL Section – • See page 22 for Circuit Boards Location. •  : Uses unleaded solder.



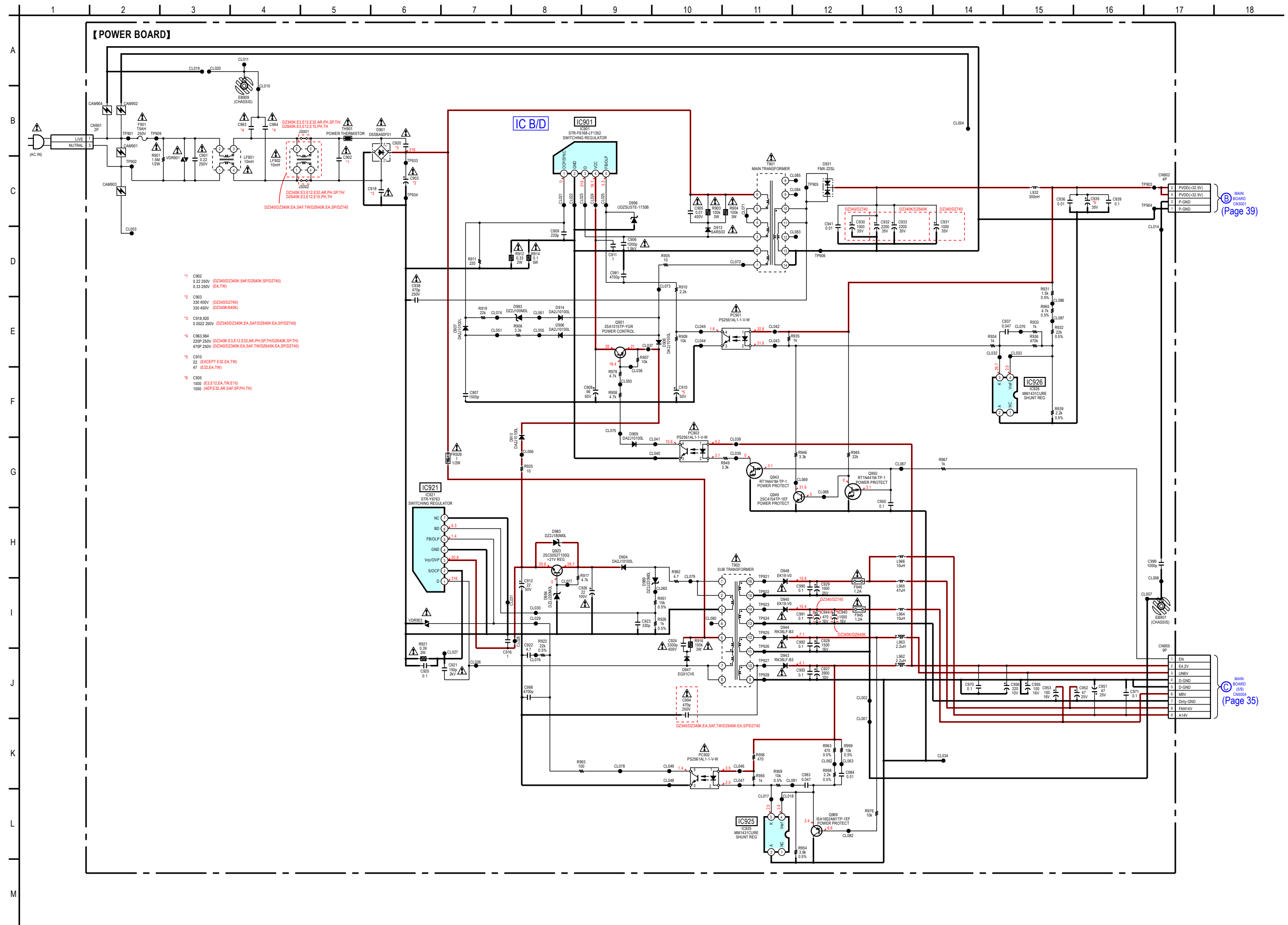
5-24. SCHEMATIC DIAGRAM – PANEL Section – • See page 53 for IC Block Diagram.



5-25. SCHEMATIC DIAGRAM – POWER Section – • See page 22 for Circuit Boards Location. •  : Uses unleaded solder.

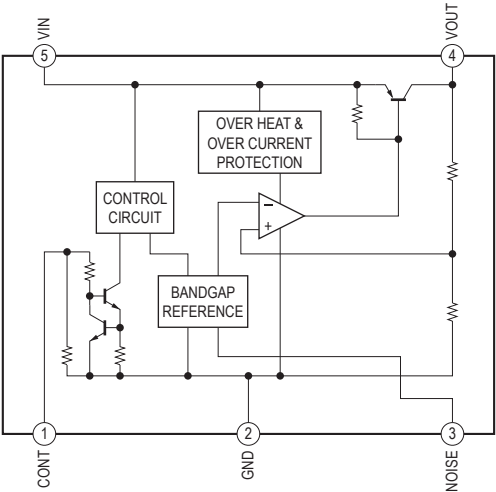


5-26. SCHEMATIC DIAGRAM – POWER Section – • See page 52 for IC Block Diagrams.

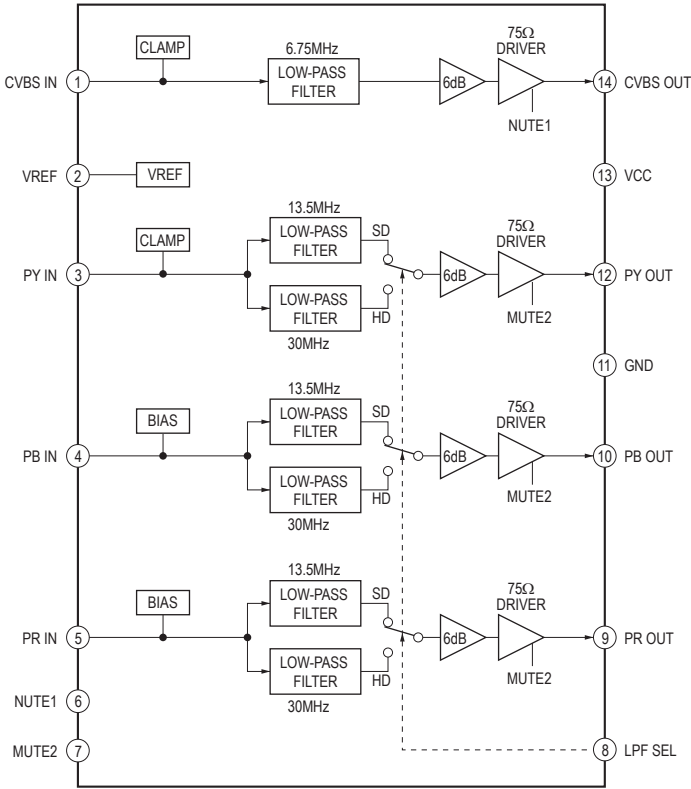


• IC Block Diagrams

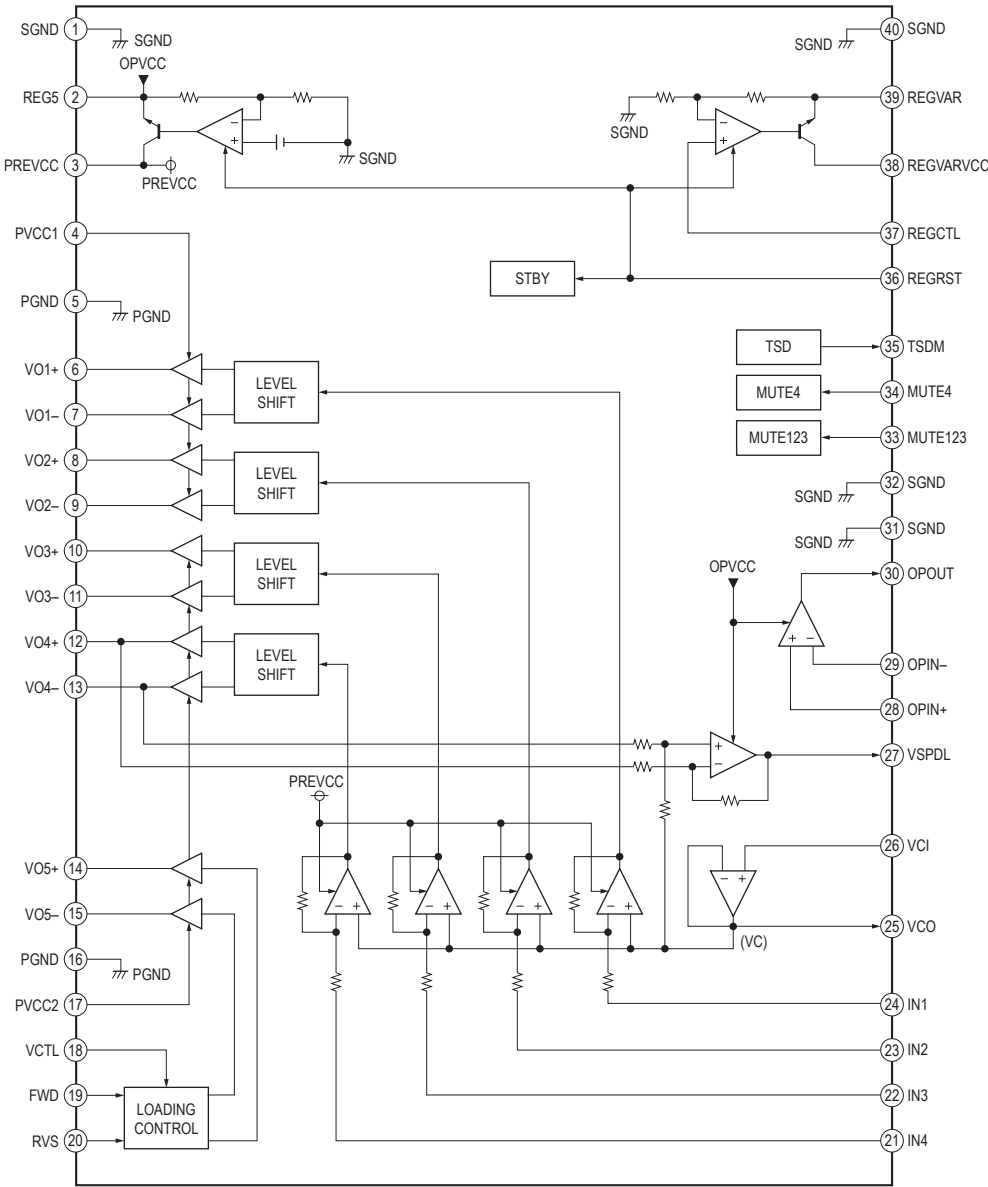
IC1707 TK11150CSCL-G (MAIN Board (3/9))
IC1708 TK11133CSCL-G (MAIN Board (3/9))



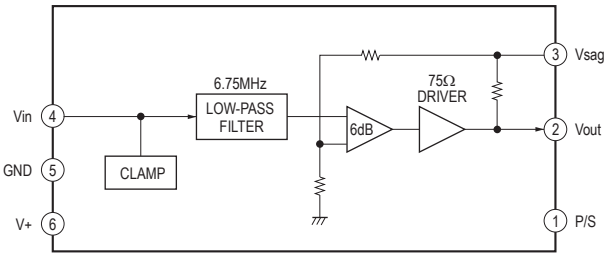
IC7001 BH76071FJ-E2 (MAIN Board (7/9))



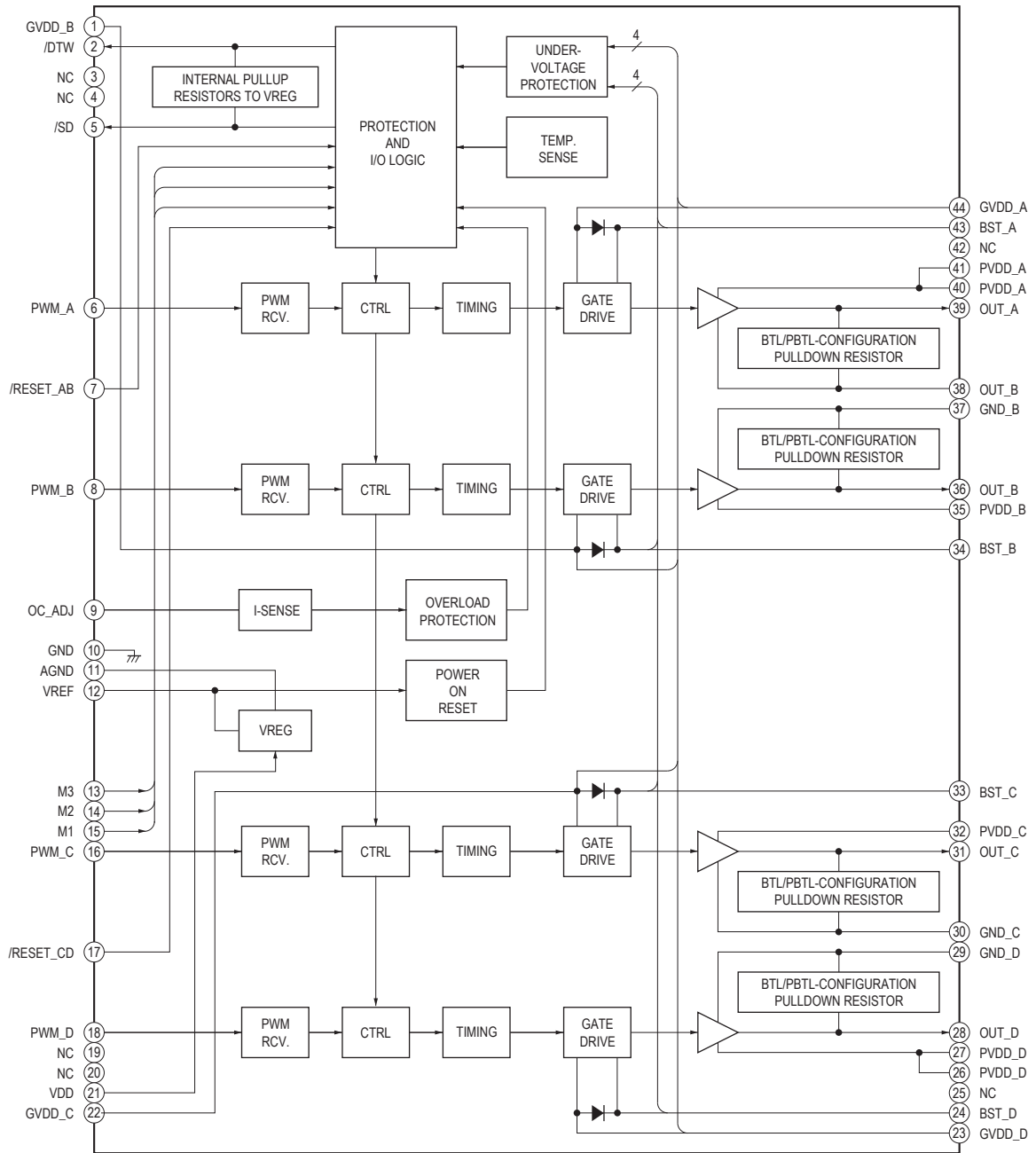
IC1501 BD8203EFV-E2 (MAIN Board (4/9))



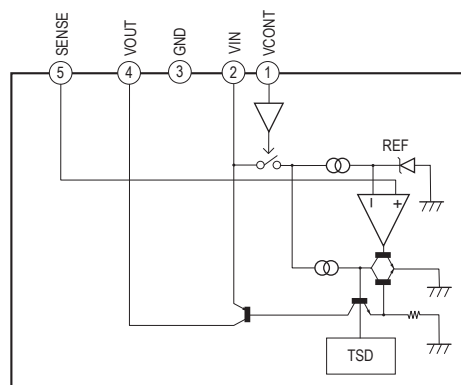
IC7003 NJM2561F1-A (TE2) (MAIN Board (7/9))



IC3100 CXD9981TN (MAIN Board (9/9))
 IC3300 CXD9981TN (MAIN Board (9/9))
 IC3350 CXD9981TN (MAIN Board (9/9))

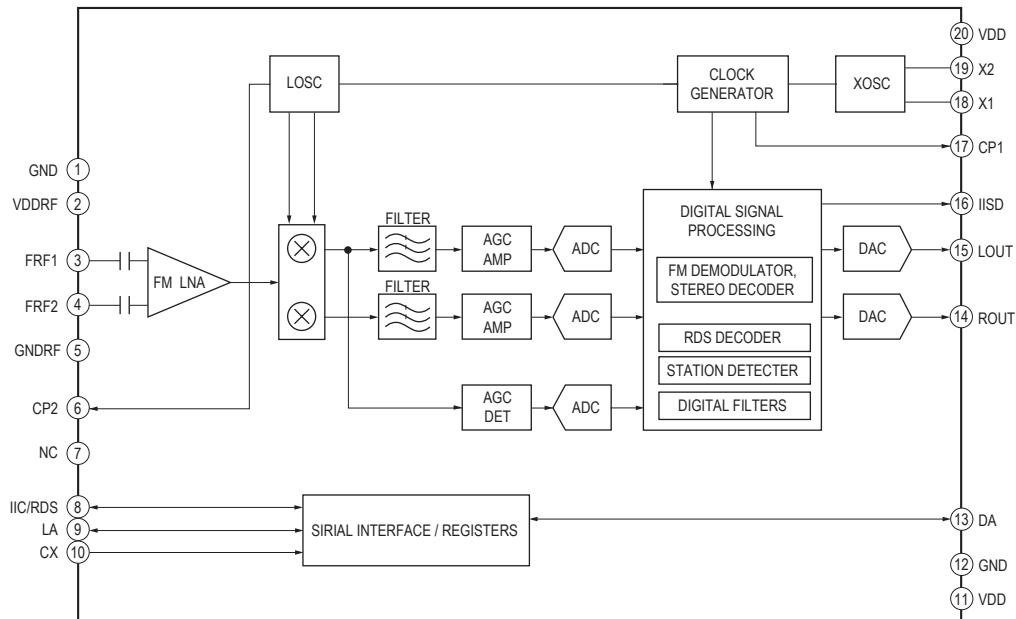


IC3003 SI-3010KM-TLS (MAIN Board (9/9))

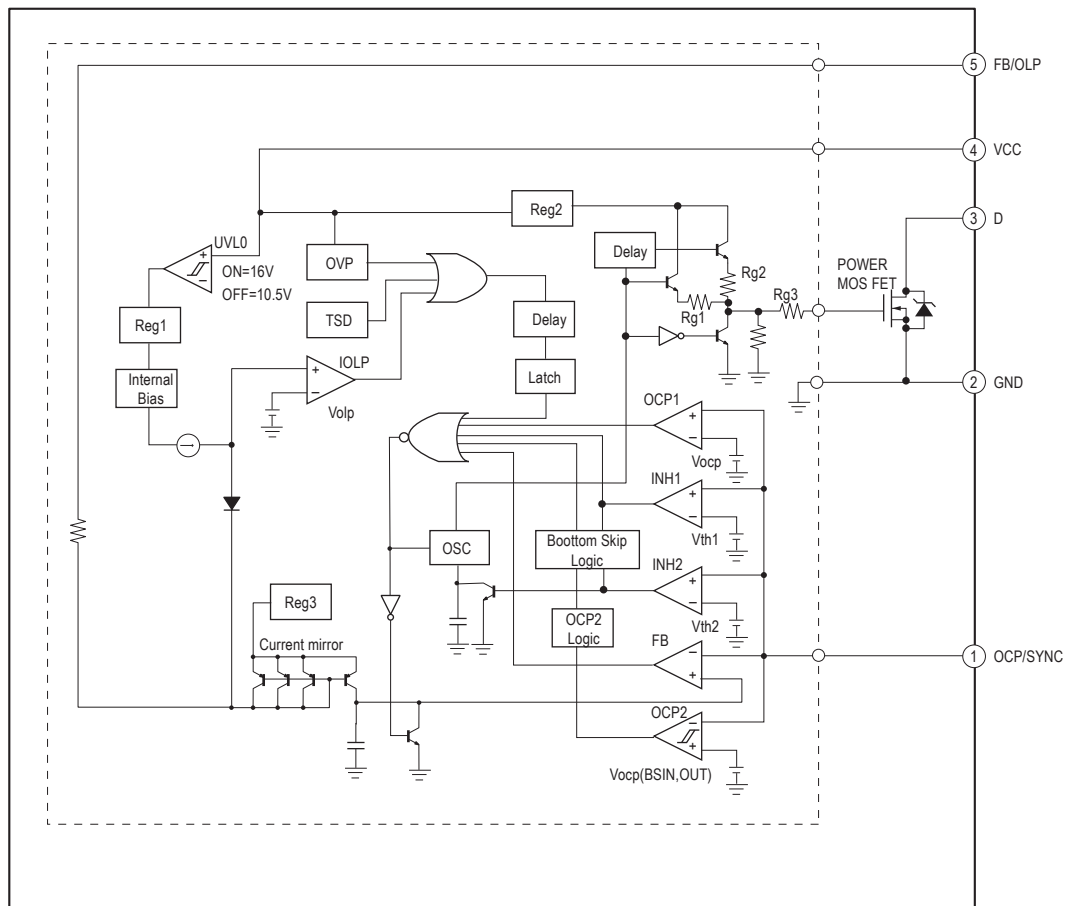


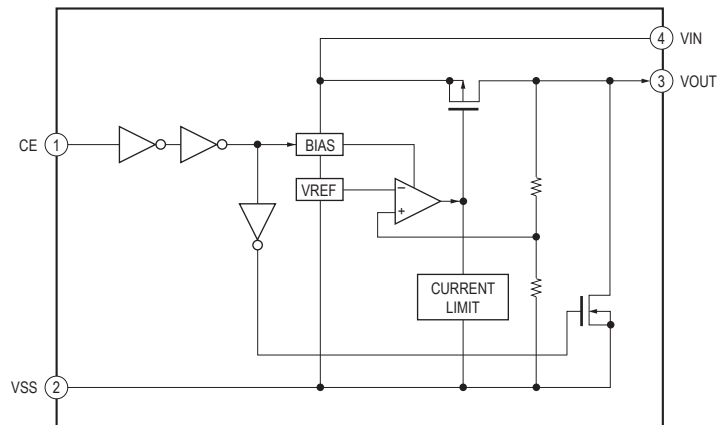
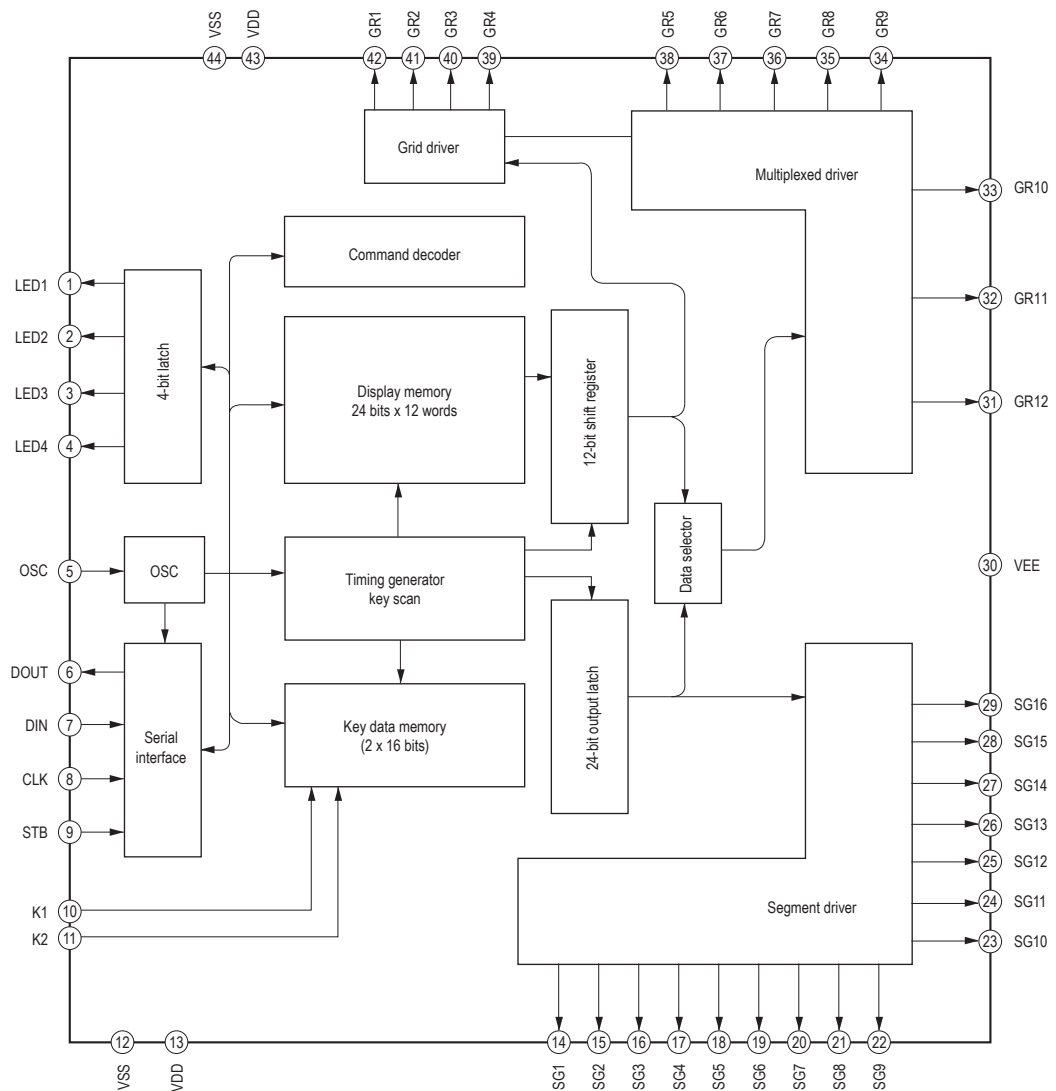
IC101 RZ5B700-0001E2 (IO Board) (DZ340K/DZ640K)

IC101 RZ5B700-0002E2 (IO Board) (DZ340/DZ740)



IC901 STR-F6168-LF1352 (POWER Board)



IC103 MM3404A33URE (IO Board)**IC206 PT6315 (PANEL Board)**

HBD-DZ340/DZ340K/DZ640K/DZ740

• IC Pin Function Description

MAIN BOARD (2/9) IC1101 CXD9927R-B

(CD/DVD RF AMP, FOCUS/TRACKING ERROR AMP, DVD SYSTEM CONTROL, DSP, DIR/USB/HDMI 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 output
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	Spindle motor control PWM signal output
37	FMO	O	Sled motor control PWM signal output
38	TROPENPWM	O	Tray Loading motor PWM signal 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	USB_DM	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. (Pull up)
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
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

Pin No.	Pin Name	I/O	Description
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
91, 92	HA17, HA0	O	Flash ROM address bus A17, A0 output
93	DVDD18	—	Power supply (+1.8V)
94	FWD	O	Tray loading motor control (FWR) signal output
95	REV	O	Tray 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	xFCS	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	xFBSY	I	Busy signal input from CPU I/F
111	DQM0	O	SDRAM lower byte mask enable signal output
112	EEWP	O	EEPROM ready/Busy wake up signal output
113 to 117	RD7 to RD3	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 upper byte mask enable 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
145	DVDD3	—	Power supply (+3.3V)
146	DRCLK	O	SDRAM clock output
147	CKE	O	SDRAM clock enable signal output
148	DVSS	—	Ground
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)

HBD-DZ340/DZ340K/DZ640K/DZ740

Pin No.	Pin Name	I/O	Description
157	REGRST	O	REG reset signal output for Focus/Tracking/Sledding motor driver
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	HTPLG	I	HDMI HPD signal input
163	AGND3	—	Ground
164	EXT_RES	—	Ext. resistor connected terminal
165, 166	AVDD3	—	Power supply (+3.3V)
167	EXT_CAP	—	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	AVDD18	—	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
188	DACVSSB	—	Ground
189	C	O	Video chroma signal output (Not used in this set)
190	DACVddb	—	Power supply (+3.3V)
191	Y	O	Video Y signal output (Not used in this set)
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 over current detect signal input
198	SCORE/DIR_XSTATE	I	DIR status signal input
199	SPMCK	I	DIR MCK clock input
200	SPBCK	I	DIR BCK clock input
201	SPLRCK	I	DIR LACK clock input
202	ADIN (SPDATA)	I	DIR digital data input
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 digital data input
207	DVDD3	—	Power supply (+3.3V)
208	FS_Bit1	O	FS Bit1 signal output
209	WIDE	O	WIDE select signal output
210	RGB_SEL/DSEL	O	Video output select signal output
211	TRG_SW	I	Not used. (Pull up)
212	DVDD18	—	Power supply (+3.3V)
213	FS_Bit0	O	FS Bit0 signal output
214	2ch/MULTI	I	2ch/MULTI exchange
215	SPDIF	O	Not used. (Open)
216	APLLVDD3	—	Power supply (+3.3V)
217	APLLCAP	—	Ext capacitor connected terminal

Pin No.	Pin Name	I/O	Description
218	APLLVSS	—	Ground
219	ADACVSS2	—	Ground
220	ADACVSS1	—	Ground
221	DIR_CE	O	DIR I/F chip select signal output
222	ASDATA3	O	Audio digital signal output to S-AIR transmitter (Not used in this set)
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
228	ADACVDD1	—	Power supply (+3.3V)
229	ADACVDD2	—	Power supply (+3.3V)
230	Rt/DIR_DI	O	DIR I/F data output
231	Lt/DIR_DO	I	DIR I/F data input
232	ADACVSS3	—	Ground
233	ADACVDD3	—	Power supply (+3.3V)
234	SADCVD18	—	Power supply (+1.8V)
235	SADCVSS18	—	Ground
236	RFGND18	—	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	ADCVD3	—	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 terminal

HBD-DZ340/DZ340K/DZ640K/DZ740

MAIN BOARD (5/9) IC5002 R5F3650KBDFA (SYSTEM CONTROL)

Pin No.	Pin Name	I/O	Description
1	NO USE	—	Not used. (Open)
2	NO USE	—	Not used. (Open)
3	FL_CS	O	FL driver chip select signal output
4	SIRCS_IN	I	Sircs signal input
5	FL_D_OUT	O	FL and LED driver data output
6	NO USE	—	Not used. (Open)
7	FL_CLK	O	FL and LED driver clock output
8	BYTE	I	External data bus input. (Connected to ground)
9	CNVSS	I	Change processor mode input
10	NO USE	—	Not used. (Open)
11	NO USE	—	Not used. (Open)
12	RESET	I	System reset signal input
13	XOUT	O	Crystal output for main clock (8MHz)
14	VSS	—	Ground
15	XIN	I	Crystal input for main clock (8MHz)
16	VCC	—	Power supply (BUP +3.3V)
17	CEC_TX_RX	I/O	CEC data input/output
18	FS_Bit0	I	FS Bit0 signal input
19	FS_Bit1	I	FS Bit1 signal input
20	AC_CUT	I	AC-CUT detect signal input
21	NO USE	—	Not used. (Open)
22	NO USE	—	Not used. (Open)
23	NO USE	—	Not used. (Open)
24	NO USE	—	Not used. (Open)
25	NO USE	—	Not used. (Open)
26	NO USE	—	Not used. (Open)
27	S-AIR_RST (SPC_RST)	O	Not used. (Open)
28	LED_PWM	O	LED drive PWM signal output for illumination
29	S-AIR_SCL	I/O	S-AIR serial clock input/output (Not used in this set)
30	S-AIR_SDA	I/O	S-AIR serial data input/output (Not used in this set)
31	I2C_DATA/TXD1	I/O	I2C data (debug) and Flash Write TXD data input/output
32	I2C_CLK/RXD1	I/O	I2C clock (debug) and Flash Write RXD data input/output
33	ON CHIP DEBUG/ CLK1	O	Flash Write CLK signal output
34	RST1	O	Flash Write RST signal output
35	DVD_SID	O	Media serial data output
36	DVD_SOD	I	Media serial data input
37	DVD_SCD	I	Media chip select signal input
38	GPIO2	—	Not used.
39	P_CONT1	O	Power control signal output
40	S_AIR_DET	—	Not used.
41	P_CONT_FL	O	Power control signal output
42	DC_CONT	O	A.CAL MIC DC control signal output (Not used in this set)
43	NO USE	—	Not used. (Open)
44	CDM_OPEN_SW	I	CDM open switch signal input
45	MTK_RST	O	Reset signal output to CDX9917R or CDX9927R
46	CE	I	Flash Write CE signal input (Not used (Pll up))
47	I2C_DATA_PAO	I/O	TAS3308 serial data input/output
48	I2C_CLK_PAO	I/O	TAS3308 serial clock input/output
49	NO USE	I	Not used. (Open)
50	DVD_XIFBUSY	O	Busy request signal output to CDX9927R
51	DVD_XIFCS	I	Chip select signal input
52	GAIN_CONT	O	Not used. (Open)
53	KARAOKE_MODE	I	KARAOKE mode information signal input.
54	DRIVER_RST(EN)	O	D-AMP driver reset signal output
55	NO USE	I	Not used. (Open)
56	NO USE	I	Not used. (Open)
57	DAMP_INIT	O	D-AMP processor reset signal output

Pin No.	Pin Name	I/O	Description
58	DAMP_MUTE	O	D-AMP processor soft muting signal output
59	NO USE	—	Not used. (Open)
60	NO USE	—	Not used. (Open)
61	NO USE	—	Not used. (Open)
62	VCC2	—	Power supply (BUP+3.3V)
63	RDS	I	RDS data detect signal input
64	VSS	—	Ground
65	PLUG_DET	I	MIC insert detect signal input
66	DC_DET	I	Speaker DC balance protect signal input
67	SD/PVDD_DET	I	D-AMP driver shut down signal and PVDD detect signal input
68	A.CAL_OUT_LEVEL	I	Speaker output detect signal input for audio calibration (Not used in this set)
69	NO USE	—	(Not used)
70	NO USE	—	(Not used)
71	NO USE	—	Not used. (Open)
72	MIC_DET_OUT	—	Not used.
73	TAS_GPI01	I	General Purpose signal input
74	KEY_INT	I	Key wakeup signal input
75	2ch/Multi	I	2ch/Multi exchange signal input
76	ST_CE	—	Not used. (Open)
77	I2C_DATE_TUNER	O	TUNER serial data output
78	I2C_CLK_TUNER	I	TUNER serial data input
79	ST_CLK	—	Not used. (Open)
80	TUNED	—	Not used. (Open)
81	V_SEL0	O	Video select signal output
82	V_SEL1	—	Not used. (Open)
83	NO USE	—	Not used. (Open)
84	NO USE	—	Not used. (Open)
85	NO USE	—	Not used. (Open)
86	NO USE	—	Not used. (Open)
87	NO USE	—	Not used. (Open)
88	NO USE	—	Not used. (Open)
89	NO USE	—	Not used. (Open)
90	PULG_DET2 (DH)/ MONO_ST_DET(D)	I	AUDIO IN insert detect signal input
91	A.SA2	I	EMS select (Not used in this set)
92	DESTINATION	I	Destination select input
93	MODEL	I	Model select input
94	KEY2	I	Key 2 input
95	KEY1	I	Key 1 input
96	VSS	—	Ground
97	KEY0	I	Key 0 input
98	Vref	—	Reference voltage (3.3V)
99	VCC	—	Power supply (+3.3V)
100	NO USE	I	Not used. (Open)

HBD-DZ340/DZ340K/DZ640K/DZ740

MAIN BOARD (6/9) IC6001 CS8422 (DIR)

Pin No.	Pin Name	I/O	Description
1	RX0/RXP0	I	SPDIF signal input
2	RX1/RXP0	I	SPDIF signal input
3	VA	I	Analog power input
4	AGND	—	Ground
5	RX2/RXP1	—	Not used
6	RX3/RXP1	—	Not used
7	AD0/CS	I	Address bit0/Chip select signal input
8	AD1/CDIN	I	Serial data input
9	SCL/CCLK	I	Serial clock input
10	SDA/CDOUT	O	Serial data output
11	XTI	I	Crystal oscillator input (24.576MHz)
12	XTO	O	Crystal oscillator output (24.576MHz)
13	ILRCK	—	Not used
14	ISCLK	—	Not used
15	SDIN	—	Not used
16	GPO0	O	DIR AUDIO signal output
17	GPO1	—	Not used
18	GPO2	—	Not used
19	V_REG	I	Voltage regulator input
20	VD_FILT	O	Digital voltage regulator output
21	DGND	—	Ground
22	VL	I	Logic power input
23	SDOUT2	O	Serial audio data output Not used
24	OSCLK2	O	Serial audio bit clock output Not used
25	OLRCK2	O	Serial audio left/right clock output Not used
26	TDM_IN	—	Not used
27	SDOUT1	O	Serial audio data output
28	OSCLK1	O	Serial audio bit clock output
29	OLRCK1	O	Serial audio left/right clock output
30	GPO3	O	DIR ERROR signal output
31	RMCK	O	Recovered master clock output
32	RST	I	Reset signal input

MAIN BOARD (8/9) IC3001 CXD9926ATQ (S-MASTER PROCESSOR, A/D CONVERTER, INPUT SELECT)


Pin No.	Pin Name	I/O	Description
1	DVDD_PWM2	—	Power supply terminal (+3.3V)
2, 3	PWM2_RD, PWM2_RI	O	Digital audio signal output terminal
4, 5	PWM3_LD, PWM3_LI	O	Digital audio (R-ch) signal output to the digital power amplifier
6	DVSS_PWM3	—	Ground
7	DVDD_PWM3	—	Power supply (+3.3V)
8, 9	PWM3_RD, PWM3_RI	O	Digital audio (L-ch) signal output to the digital power amplifier
10	VALID/SYNC	O	Valid signal output to the system controller Not used
11	DVDD2	—	Power supply (+3.3V)
12	DVSS2	—	Ground
13	XVREG_EN	I	Voltage regulator enable signal input terminal “L”: regulator on Fixed at “L” in this set
14	STEST	I	Test terminal
15	MCLKOUT	O	Master clock signal output Not used
16	LRCLKOUT	O	L/R sampling clock signal Not used
17	SCLKOUT	O	Bit clock signal output Not used
18	SDOUT1	O	Serial audio data output Not used
19	SDOUT2/SPDIF_OUT	O	Serial audio data or SPDIF signal output
20	SPDIF_IN	I	SPDIF signal input terminal Not used
21 to 23	SDIN3 to SDIN1	I	Serial audio data input
24	LRCLKIN	I	L/R sampling clock signal input
25	SCLKIN	I	Bit clock signal input
26	MCLKIN	I	Master clock signal input
27	DVSS_DPLL	—	Ground
28	VR_DIG2	—	External capacitor connection terminal for internal +1.8V regulator
29	DVDD3	—	Power supply (+3.3V)
30	DVSS3	—	Ground
31	I2C_SDA2	I/O	Two-way I2C data bus input/output Not used
32	I2C_SCL2	I	I2C clock signal input Not used
33	I2C_SDA1	I/O	Two-way I2C data bus with the system controller
34	I2C_SCL1	I	I2C clock signal input from the system controller
35	CS	I	Chip select signal input Not used
36, 37	GPIO1, GPIO2	I/O	Not used
38	/MUTE	I	Muting on/off control signal input from the system controller “L”: muting on
39	/RESET	I	Reset signal input from the system controller “L”: reset
40	DVSS4	—	Ground
41	VR_DIG3	—	External capacitor connection terminal for internal +1.8V regulator
42	DVDD4	—	Power supply (+3.3V)
43	LINEIN1L	I	Analog audio (L-ch) signal input
44	LINEIN1R	I	Analog audio (R-ch) signal input
45	AVSSL1	—	Ground terminal
46	LINEIN2L	I	Analog audio (L-ch) signal input
47	LINEIN2R	I	Analog audio (R-ch) signal input
48	AVDD_LI1	—	Power supply (+3.3V)
49	LINEIN3L	I	Analog audio (L-ch) signal input Not used
50	LINEIN3R	I	Analog audio (R-ch) signal input Not used
51	LINEIN4L	I	Analog audio (L-ch) signal input Not used
52	LINEIN4R	I	Analog audio (R-ch) signal input Not used
53	AVDD_LI2	—	Power supply (+3.3V)
54	LINEIN5L	I	Analog audio (L-ch) signal input Not used
55	LINEIN5R	I	Analog audio (R-ch) signal input Not used
56	AVSS_LI2	—	Ground
57	LINEIN6L	I	Analog audio (L-ch) signal input
58	LINEIN6R	I	Analog audio (R-ch) signal input
59	AVSS_ADC/REF	—	Ground terminal
60	LINEIN7L	I	Analog audio (L-ch) signal input Not used
61	LINEIN7R	I	Analog audio (R-ch) signal input Not used
62	AVDD_ADC	—	Power supply terminal (+3.3V)
63	LINEIN8L	I	Analog audio (L-ch) signal input Not used

HBD-DZ340/DZ340K/DZ640K/DZ740

Pin No.	Pin Name	I/O	Description
64	LINEIN8R	I	Analog audio (R-ch) signal input Not used
65	AVDD_LI3	—	Power supply terminal (+3.3V)
66	LINEIN9L	I	Analog audio (L-ch) signal input Not used
67	LINEIN9R	I	Analog audio (R-ch) signal input Not used
68	AVSS_LI2	—	Ground
69	LINEIN10L	I	Analog audio (L-ch) signal input
70	LINEIN10R	I	Analog audio (R-ch) signal input
71	BIAS_REF	O	Bias output terminal
72	BG_REF	O	Band gap output
73	V1P5_REF	O	Common mode output
74	AVDD_REF	—	Power supply (+3.3V)
75	AVDD_LO	—	Power supply (+3.3V)
76	LINEOUT1L	O	Analog audio (L-ch) signal output Not used
77	LINEOUT1R	O	Analog audio (R-ch) signal output Not used
78	AVSS_LO	—	Ground
79	AVDD_PLL	—	Power supply (+3.3V)
80, 81	PLL_FLTP, PLL_FLTM	—	PLL filter terminal
82	AVSS_PLL	—	Ground
83	VR_ANA2	—	External capacitor connection terminal for internal +1.8V regulator
84	AVDD_OSC	—	Power supply (+3.3V)
85	XTAL_IN	I	System clock input (24.576 MHz)
86	XTAL_OUT	O	System clock output (24.576 MHz)
87	AVSS_OSC	—	Ground
88	VR_ANA	—	External capacitor connection terminal for internal +1.8V regulator
89	DVDD1	—	Power supply (+3.3V)
90	DVSS1	—	Ground
91	VR_DIG1	—	External capacitor connection terminal for internal +1.8V regulator
92, 93	PWM1_LD, PWM1_LI	O	Digital audio (R-ch) signal output
94	DVSS_PWM1	—	Ground
95	DVDD_PWM1	—	Power supply (+3.3V)
96, 97	PWM1_RD, PWM1_RI	O	Digital audio (L-ch) signal output
98, 99	PWM2_LD, PWM2_LI	O	Digital audio signal output
100	DVSS_PWM2	—	Ground

Note:

- Accessories are given in the last of the electrical parts list.
- Abbreviation
 - AR : Argentina model
 - E3 : 240V AC area in E model
 - E12 : 220 – 240V AC area in E model
 - E15 : Iranian model
 - E32 : 110 – 240V AC area in E model
 - EA : Saudi Arabia model
 - PH : Philippines model
 - SAF : South African model
 - SP : Singapore model
 - TH : Thai model
 - TW : Taiwan model

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

1

2

3

2

front boards section

7

5

6

front panel section

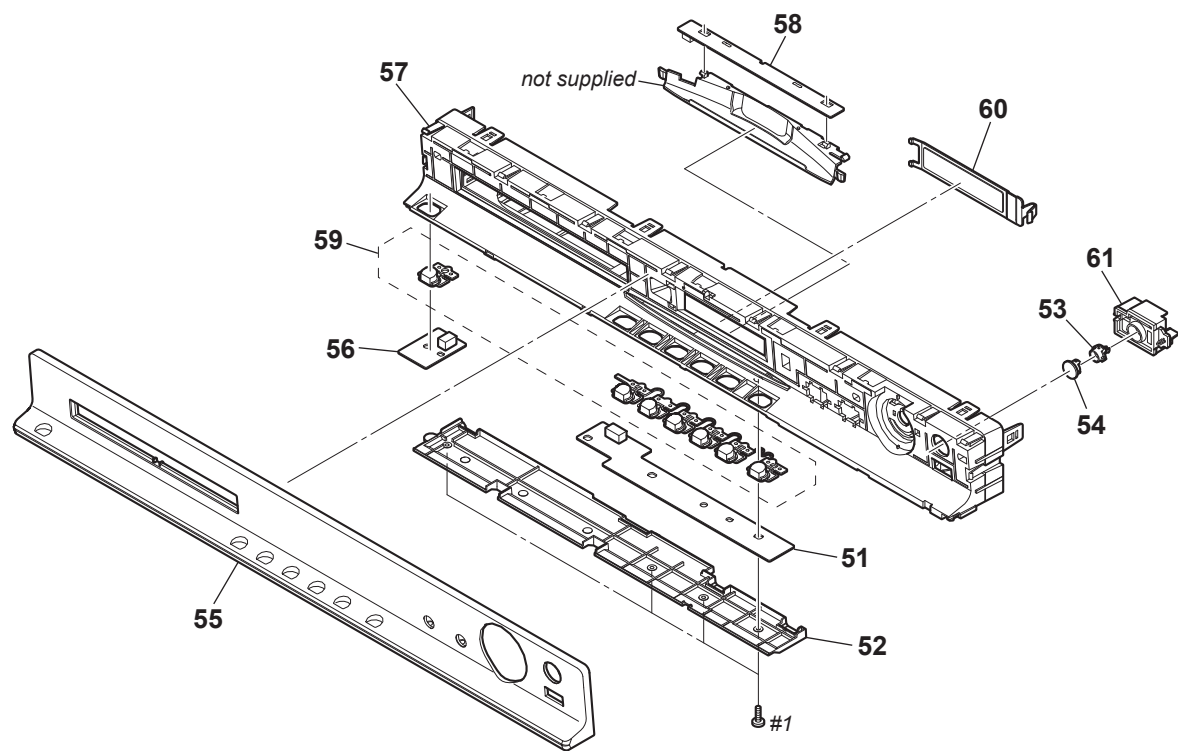
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supplied with S202

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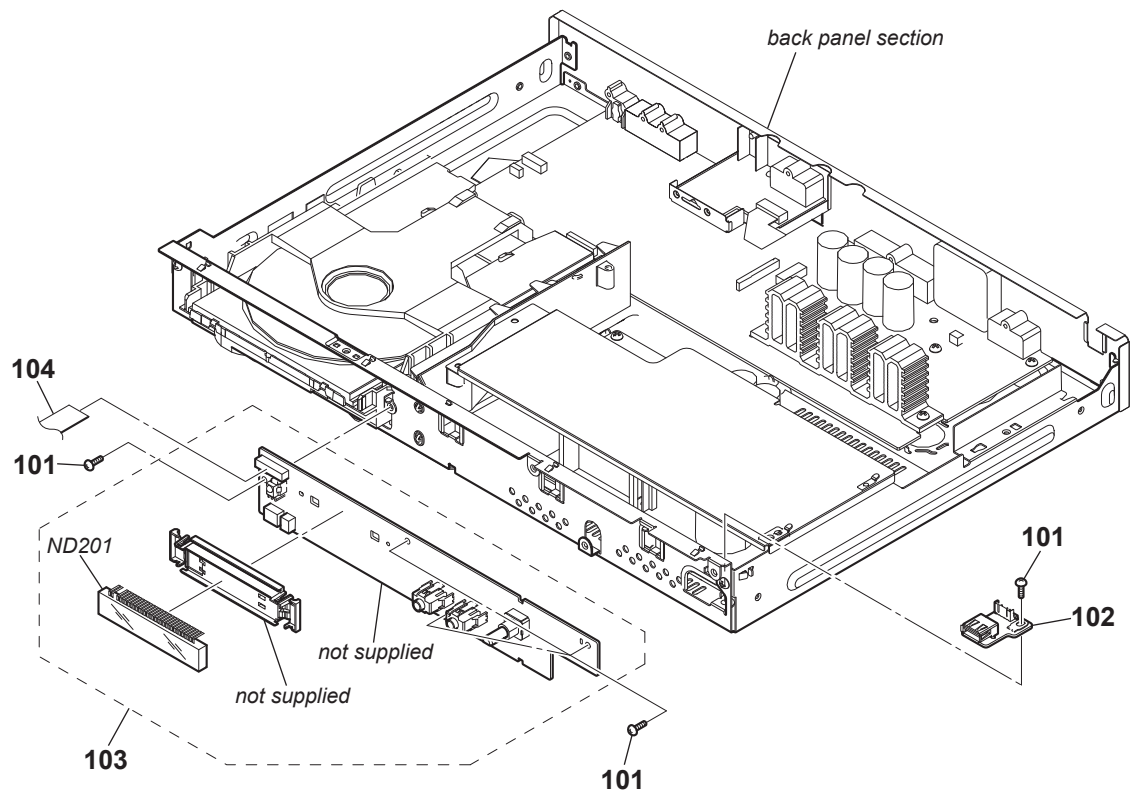
6-2. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark
51	A-1804-422-A	KEY BOARD, COMPLETE	
52	4-267-082-01	COVER (DH), BOTTOM	
53	4-267-087-01	BUTTON (USB), SPACER	
54	4-267-086-01	BUTTON (USB), TOP	
55	4-267-079-01	WINDOW (DH-1) (DZ340)	
55	4-267-079-21	WINDOW (DH-1) (DZ340K)	
55	4-267-079-31	WINDOW (DH-1) (DZ740)	
55	4-267-079-51	WINDOW (DH-1) (DZ640K)	

Ref. No.	Part No.	Description	Remark
56	A-1804-423-A	POWER KEY BOARD, COMPLETE	
57	4-267-081-01	PANEL (DH), BASE	
58	A-1804-424-A	LED BOARD, COMPLETE	(DZ340K/DZ640K/DZ740)
59	4-267-085-01	BUTTON (FUNCTION)	
60	4-267-093-01	FILTER (DH), COLOR	
61	4-267-088-01	BUTTON (USB), BASE	
#1	7-685-504-19	SCREW +BTP 2X6 TYPE2 N-S	

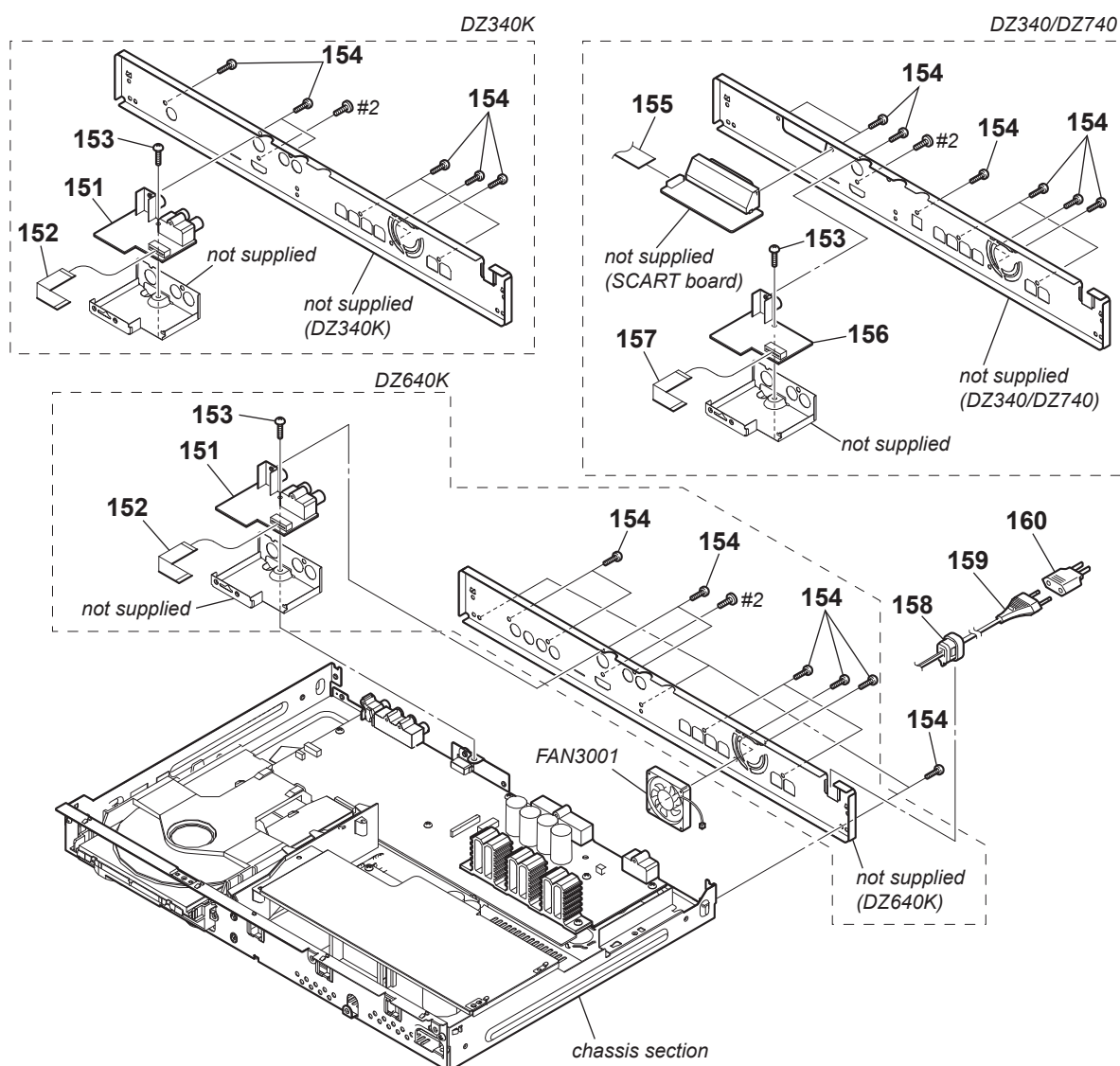
6-3. FRONT BOARDS SECTION



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

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	3-077-331-21	+BV3 (3-CR)		104	1-835-400-21	CABLE, FLEXIBLE FLAT (15 CORE)	
102	A-1804-412-A	USB BOARD, COMPLETE				(DZ340K/DZ640K)	
103	A-1804-403-A	PANEL BOARD, COMPLETE (DZ340)		104	1-839-029-21	CABLE, FLEXIBLE FLAT (13 CORE)	
103	A-1804-405-A	PANEL BOARD, COMPLETE (DZ340K/DZ640K)				(DZ340/DZ740)	
103	A-1804-406-A	PANEL BOARD, COMPLETE (DZ740)		ND201	1-483-358-11	VACUUM FLUORESCENT DISPLAY	

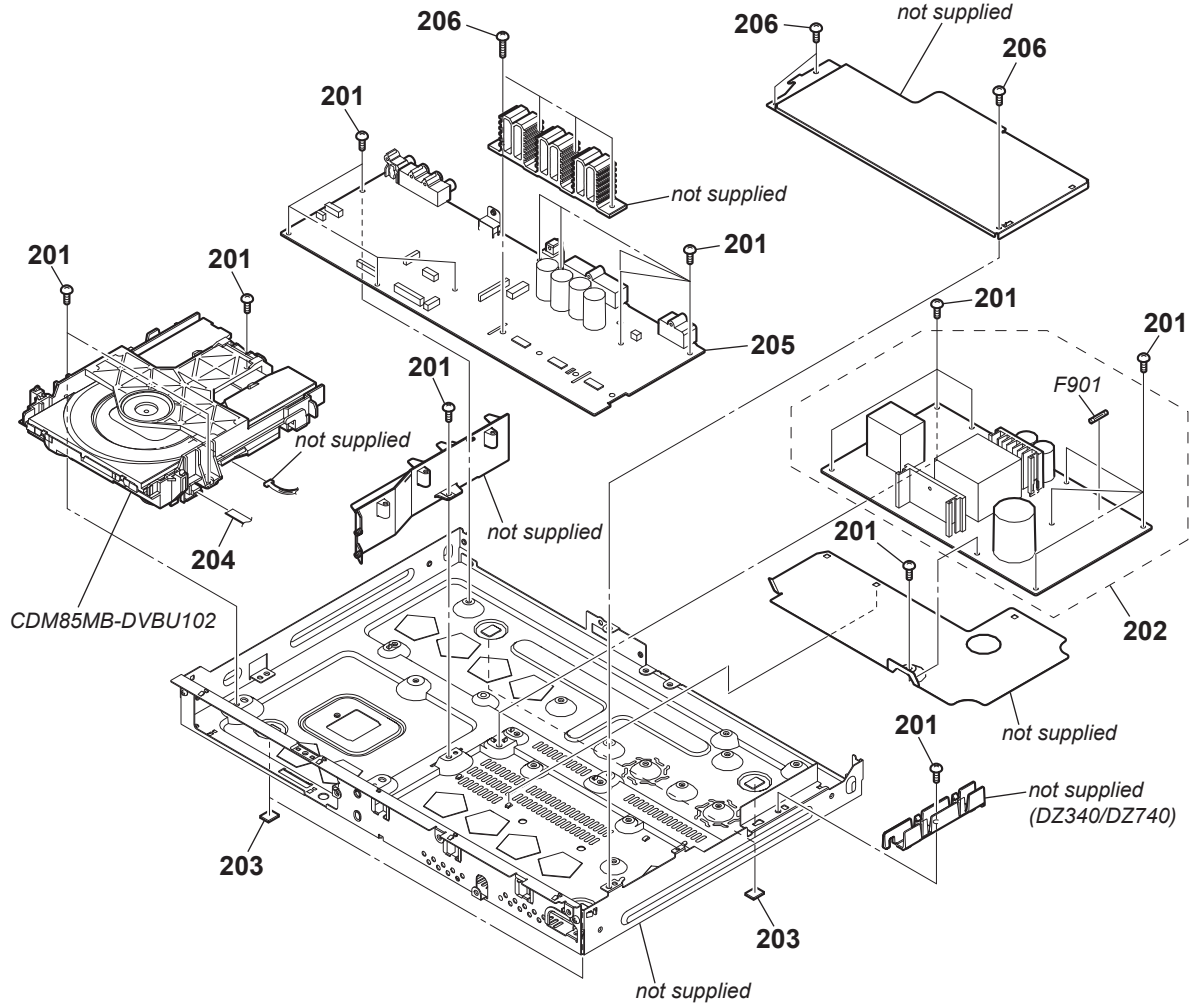
6-4. BACK PANEL SECTION



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

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
151	A-1831-271-A	IO BOARD, COMPLETE (DZ340K/DZ640K)		158	4-916-783-01	BUSHING, CORD (TH)	
152	1-832-572-21	CABLE, FLEXIBLE FLAT (13 CORE)	(DZ340K/DZ640K)	△ 159	1-834-288-12	CORD, POWER (TH)	
153	3-077-331-21	+BV3 (3-CR)		△ 159	1-834-966-41	CORD, POWER-SUPPLY	(AEP, E3, E15, E32, PH, SAF, SP)
154	3-077-331-01	+BV3 (3-CR)		△ 159	1-837-309-21	CORD, POWER-SUPPLY (EA)	
155	1-832-561-21	CABLE, FLEXIBLE FLAT (11 CORE)	(DZ340/DZ740)	△ 159	1-837-312-11	CORD, POWER-SUPPLY (AR)	
156	A-1831-269-A	IO BOARD, COMPLETE (DZ340/DZ740)		△ 159	1-837-345-11	CORD, POWER-SUPPLY (TW)	
157	1-832-582-21	CABLE, FLEXIBLE FLAT (15 CORE)	(DZ340/DZ740)	△ 159	1-839-012-11	CORD, POWER-SUPPLY (E12)	
158	3-703-244-21	BUSHING, CORD (2104) (EXCEPT TH)		△ 160	1-569-008-33	ADAPTOR, CONVERSION (E32, PH)	
				FAN3001	1-855-048-11	DC FAN (40mm)	
				#2	7-682-547-04	SCREW +B 3X6	

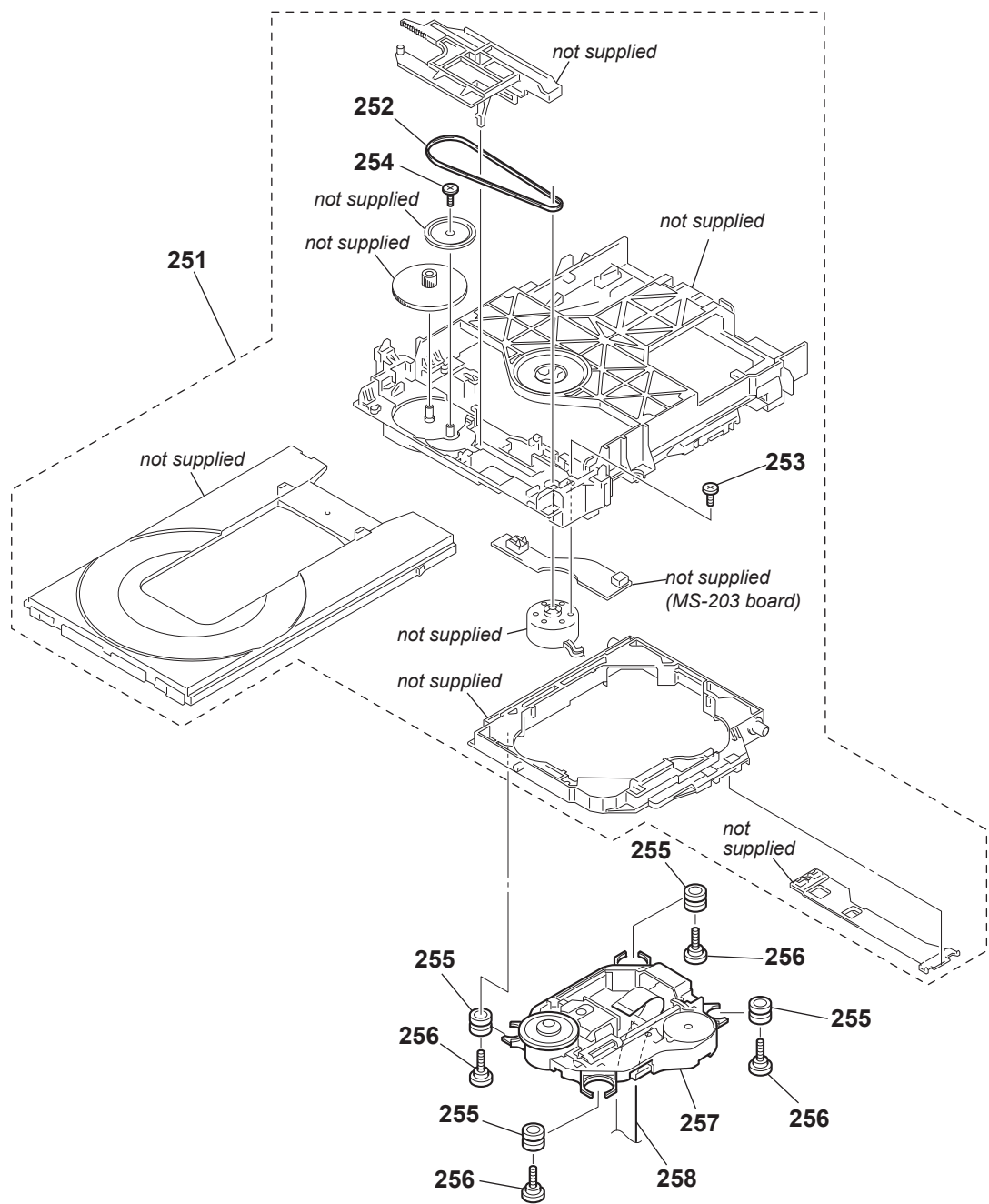
6-5. CHASSIS SECTION



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

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
201	3-077-331-21	+BV3 (3-CR)		205	A-1804-478-A	MAIN BOARD, COMPLETE (for SERVICE)	
202	A-1804-586-A	POWER BOARD, COMPLETE (DZ340/DZ740)		205	A-1804-479-A	MAIN BOARD, COMPLETE (for SERVICE)	(DZ340K: TH)
202	A-1804-587-A	POWER BOARD, COMPLETE		205	A-1804-480-A	MAIN BOARD, COMPLETE (for SERVICE)	(DZ340K: TW)
		(DZ340K: SAF/DZ640K: SP)		205	A-1804-482-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ740)	
202	A-1804-588-A	POWER BOARD, COMPLETE		205	A-1804-484-A	MAIN BOARD, COMPLETE (for SERVICE)	(DZ640K: E12)
		(DZ340K: AR, PH, SP/DZ640K: PH, TH)					
202	A-1804-589-A	POWER BOARD, COMPLETE (EA, TW)		205	A-1804-485-A	MAIN BOARD, COMPLETE (for SERVICE)	
202	A-1804-590-A	POWER BOARD, COMPLETE (E32)		205	A-1804-487-A	MAIN BOARD, COMPLETE (for SERVICE)	(DZ640K: E3)
202	A-1804-592-A	POWER BOARD, COMPLETE (E3, E12, E15)		205	A-1804-488-A	MAIN BOARD, COMPLETE (for SERVICE)	(DZ640K: E15)
203	4-151-413-01	CUSHION (EGD)		205	A-1804-489-A	MAIN BOARD, COMPLETE (for SERVICE)	(DZ640K: EA)
204	1-832-539-21	CABLE, FLEXIBLE FLAT (5 CORE)		205	A-1804-490-A	MAIN BOARD, COMPLETE (for SERVICE)	(DZ640K: SP)
205	A-1804-472-A	MAIN BOARD, COMPLETE (for SERVICE)		205	A-1804-492-A	MAIN BOARD, COMPLETE (for SERVICE)	(DZ640K: PH)
		(DZ340K: E12)					
205	A-1804-473-A	MAIN BOARD, COMPLETE (for SERVICE)		205	A-1832-701-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ340)	
		(DZ340K: E3)		206	3-077-331-11	+BV3 (3-CR)	
205	A-1804-474-A	MAIN BOARD, COMPLETE (for SERVICE)		F901	1-523-067-51	FUSE (T5AH/250V)	
		(DZ340K:EA)					
205	A-1804-475-A	MAIN BOARD, COMPLETE (for SERVICE)					
		(DZ340K: SAF)					
205	A-1804-476-A	MAIN BOARD, COMPLETE (for SERVICE)					
		(DZ340K: SP)					
205	A-1804-477-A	MAIN BOARD, COMPLETE (for SERVICE)					
		(DZ340K: PH)					

6-6. DVD MECHANISM DECK SECTION
(CDM85MB-DVBU102)



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

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
251	A-1749-923-A	CDM85 (MB) ASSY		255	2-634-618-01	INSULATOR	
252	3-088-371-01	BELT		256	3-087-599-01	SCREW, INSULATOR	
253	4-974-725-11	SCREW (M1.7X2.5), P		△ 257	8-820-321-12	OPTICAL PICK-UP (KHM313CAA/C2RP1)	
254	4-674-137-11	SCREW (PTP2X5)		258	1-838-443-11	FLEXIBLE FLAT CABLE 24P	

SECTION 7

ELECTRICAL PARTS LIST

IO	KEY
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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.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- RESISTORS**
All resistors are in ohms.
METAL: Metal-film resistor.
METAL OXIDE: Metal oxide-film resistor.
F: nonflammable
- CAPACITORS**
uF: μ F

- COILS**
uH: μ H
- SEMICONDUCTORS**
In each case, u: μ , for example:
uA... : μ A..., uPA..., μ PA...,
uPB... : μ PB..., uPC..., μ PC...,
uPD... : μ PD...
- Abbreviation**
AR : Argentina model
E3 : 240V AC area in E model
E12 : 220 – 240V AC area in E model
E15 : Iranian model
E32 : 110 – 240V AC area in E model
EA : Saudi Arabia model
PH : Philippines model
SAF : South African model

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

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

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

SP : Singapore model
TH : Thai model
TW : Taiwan model

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
	A-1831-269-A	IO BOARD, COMPLETE (DZ340/DZ740)		IC103	6-715-134-01	IC MM3404A33URE	
	A-1831-271-A	IO BOARD, COMPLETE (DZ340K/DZ640K)				< JACK >	
		*****		J102	1-821-886-11	JACK, PIN 2P (TV AUDIO IN) (DZ340K/DZ640K)	
		< CAPACITOR >				< COIL >	
C101	1-114-325-11	CERAMIC CHIP 0.1uF 10% 25V					
C103	1-165-908-11	CERAMIC CHIP 1uF 10% 10V		L101	1-481-813-21	INDUCTOR 1uH	
C106	1-165-908-11	CERAMIC CHIP 1uF 10% 10V				< RESISTOR >	
C107	1-114-146-91	CERAMIC CHIP 0.047uF 10% 25V		R101	1-216-833-11	METAL CHIP 10K 5% 1/10W	
C108	1-164-315-11	CERAMIC CHIP 470PF 5% 50V		R102	1-216-809-11	METAL CHIP 100 5% 1/10W	
C109	1-165-908-11	CERAMIC CHIP 1uF 10% 10V		R103	1-216-809-11	METAL CHIP 100 5% 1/10W	
C110	1-126-933-11	ELECT 100uF 20% 16V		R104	1-216-864-11	SHORT CHIP 0	
C111	1-165-908-11	CERAMIC CHIP 1uF 10% 10V		R105	1-216-864-11	SHORT CHIP 0	
C123	1-162-966-11	CERAMIC CHIP 0.0022uF 10% 50V		R106	1-216-821-11	METAL CHIP 1K 5% 1/10W	
C125	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	(DZ340K/DZ640K)	R122	1-218-895-11	METAL CHIP 100K 0.5% 1/10W	
C132	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	(DZ340K/DZ640K)	R128	1-216-845-11	METAL CHIP 100K 5% 1/10W	(DZ340K/DZ640K)
C135	1-126-964-11	ELECT 10uF 20% 50V	(DZ340K/DZ640K)	R131	1-216-821-11	METAL CHIP 1K 5% 1/10W	(DZ340K/DZ640K)
C138	1-126-964-11	ELECT 10uF 20% 50V	(DZ340K/DZ640K)	R132	1-216-845-11	METAL CHIP 100K 5% 1/10W	(DZ340K/DZ640K)
C141	1-100-909-11	CERAMIC CHIP 10uF 10% 6.3V		R137	1-216-821-11	METAL CHIP 1K 5% 1/10W	(DZ340K/DZ640K)
C142	1-100-909-11	CERAMIC CHIP 10uF 10% 6.3V		R148	1-216-809-11	METAL CHIP 100 5% 1/10W	(DZ340/DZ740)
		< CONNECTOR >				< VIBRATOR >	
CN103	1-779-550-21	CONNECTOR, FFC (LIF (NON-ZIF)) 13P	(DZ340K/DZ640K)	X101	1-767-317-11	VIBRATOR, CRYSTAL (32.768kHz)	*****
CN104	1-564-705-11	PIN, CONNECTOR (SMALL TYPE) 3P	(DZ340/DZ740)		A-1804-422-A	KEY BOARD, COMPLETE	*****
CN105	1-779-552-21	CONNECTOR, FFC (LIF (NON-ZIF)) 15P	(DZ340/DZ740)			< CONNECTOR >	
CN106	1-842-376-11	CONNECTOR, FM ANTENNA	(ANTENNA COAXIAL 75 Ω FM)	CN501	1-580-789-21	PIN, CONNECTOR (SMD) 6P	
		< DIODE >				< RESISTOR >	
D101	6-501-579-01	DIODE MC2837		R501	1-216-821-11	METAL CHIP 1K 5% 1/10W	
		< FERRITE BEAD >		R502	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
FB101	1-400-177-21	INDUCTOR, EMI FERRITE (1608)		R503	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
		< BPF >		R504	1-216-809-11	METAL CHIP 100 5% 1/10W	
FL101	1-236-711-21	FILTER, BAND PASS		R505	1-216-809-11	METAL CHIP 100 5% 1/10W	
		< IC >		R506	1-216-821-11	METAL CHIP 1K 5% 1/10W	
IC101	6-717-231-01	IC RZ5B700-0001E2 (DZ340K/DZ640K)					
IC101	6-717-232-01	IC RZ5B700-0002E2 (DZ340/DZ740)					

HBD-DZ340/DZ340K/DZ640K/DZ740

Ver. 1.1

KEY LED MAIN

Ref. No.	Part No.	Description	Remark
< SWITCH >			
S501	1-798-284-11	SWITCH, TACTILE (■)	
S502	1-798-284-11	SWITCH, TACTILE (I◀◀)	
S503	1-798-284-11	SWITCH, TACTILE (▶▶I)	
S504	1-798-284-11	SWITCH, TACTILE (FUNCTION)	
S505	1-798-284-11	SWITCH, TACTILE (▲)	
S506	1-798-284-11	SWITCH, TACTILE (▶)	

	A-1804-424-A	LED BOARD, COMPLETE (DZ340K/DZ640K/DZ740)	

< CAPACITOR >			
C601	1-114-325-11	CERAMIC CHIP 0.1uF	10% 25V
C602	1-114-325-11	CERAMIC CHIP 0.1uF	10% 25V
< CONNECTOR >			
* CN601	1-580-055-21	PIN, CONNECTOR (SMD) 2P	
< DIODE >			
D601	6-502-395-01	LED SL-194S-WS-SD-T (FRONT PANEL ILLUMINATION)	
D602	6-502-395-01	LED SL-194S-WS-SD-T (FRONT PANEL ILLUMINATION)	
< RESISTOR >			
R601	1-216-817-11	METAL CHIP 470	5% 1/10W
R602	1-216-817-11	METAL CHIP 470	5% 1/10W
R604	1-216-817-11	METAL CHIP 470	5% 1/10W
R605	1-216-817-11	METAL CHIP 470	5% 1/10W

Ⓐ	A-1804-472-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ340K: E12)	
Ⓐ	A-1804-473-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ340K: E3)	
Ⓐ	A-1804-474-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ340K: EA)	
Ⓐ	A-1804-475-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ340K: SAF)	
Ⓐ	A-1804-476-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ340K: SP)	
Ⓐ	A-1804-477-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ340K: PH)	
Ⓐ	A-1804-478-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ340K: TH)	
Ⓐ	A-1804-479-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ340K: TW)	
Ⓐ	A-1804-480-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ340K: E32, AR)	
Ⓐ	A-1804-482-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ740)	
Ⓐ	A-1804-484-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ640K: E12)	
Ⓐ	A-1804-485-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ640K: E3)	
Ⓐ	A-1804-487-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ640K: E15)	
Ⓐ	A-1804-488-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ640K: EA)	
Ⓐ	A-1804-489-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ640K: SP)	

Ref. No.	Part No.	Description	Remark
Ⓐ	A-1804-490-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ640K: PH)	
Ⓐ	A-1804-492-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ640K: TH)	
Ⓐ	A-1832-701-A	MAIN BOARD, COMPLETE (for SERVICE) (DZ340) *****	
< CAPACITOR >			
C1003	1-112-781-11	CERAMIC CHIP 1uF	10% 10V
C1004	1-114-130-11	CERAMIC CHIP 1uF	10% 6.3V
C1005	1-112-777-11	CERAMIC CHIP 0.01uF	10% 25V
C1006	1-114-325-11	CERAMIC CHIP 0.1uF	10% 25V
C1007	1-124-589-11	ELECT 47uF	20% 16V
C1008	1-114-130-11	CERAMIC CHIP 1uF	10% 6.3V
C1009	1-114-130-11	CERAMIC CHIP 1uF	10% 6.3V
C1101	1-112-777-11	CERAMIC CHIP 0.01uF	10% 25V
C1102	1-112-781-11	CERAMIC CHIP 1uF	10% 10V
C1105	1-126-947-11	ELECT 47uF	20% 35V
C1106	1-114-323-11	CERAMIC CHIP 0.01uF	10% 50V
C1108	1-114-325-11	CERAMIC CHIP 0.1uF	10% 25V
C1109	1-114-325-11	CERAMIC CHIP 0.1uF	10% 25V
C1110	1-100-916-11	CERAMIC CHIP 0.1uF	10% 16V
C1111	1-104-658-91	ELECT 100uF	20% 10V
C1112	1-126-947-11	ELECT 47uF	20% 35V
C1113	1-114-323-11	CERAMIC CHIP 0.01uF	10% 50V
C1114	1-114-325-11	CERAMIC CHIP 0.1uF	10% 25V
C1115	1-114-325-11	CERAMIC CHIP 0.1uF	10% 25V
C1116	1-114-325-11	CERAMIC CHIP 0.1uF	10% 25V
C1117	1-126-947-11	ELECT 47uF	20% 35V
C1118	1-126-947-11	ELECT 47uF	20% 35V
C1119	1-126-947-11	ELECT 47uF	20% 35V
C1120	1-114-130-11	CERAMIC CHIP 1uF	10% 6.3V
C1121	1-114-130-11	CERAMIC CHIP 1uF	10% 6.3V
C1122	1-114-130-11	CERAMIC CHIP 1uF	10% 6.3V
C1123	1-114-130-11	CERAMIC CHIP 1uF	10% 6.3V
C1124	1-114-130-11	CERAMIC CHIP 1uF	10% 6.3V
C1125	1-114-325-11	CERAMIC CHIP 0.1uF	10% 25V
C1126	1-114-325-11	CERAMIC CHIP 0.1uF	10% 25V
C1127	1-114-323-11	CERAMIC CHIP 0.01uF	10% 50V
C1129	1-100-909-11	CERAMIC CHIP 10uF	10% 6.3V
C1130	1-114-325-11	CERAMIC CHIP 0.1uF	10% 25V
C1132	1-100-916-11	CERAMIC CHIP 0.1uF	10% 16V
C1133	1-100-916-11	CERAMIC CHIP 0.1uF	10% 16V
C1135	1-100-436-91	CERAMIC CHIP 0.033uF	10% 25V
C1136	1-112-777-11	CERAMIC CHIP 0.01uF	10% 25V
C1137	1-100-916-11	CERAMIC CHIP 0.1uF	10% 16V
C1138	1-162-964-11	CERAMIC CHIP 0.001uF	10% 50V
C1139	1-164-858-11	CERAMIC CHIP 22PF	5% 50V
C1140	1-114-325-11	CERAMIC CHIP 0.1uF	10% 25V
C1144	1-114-323-11	CERAMIC CHIP 0.01uF	10% 50V
C1145	1-126-964-11	ELECT 10uF	20% 50V
C1146	1-114-325-11	CERAMIC CHIP 0.1uF	10% 25V
C1147	1-112-779-11	CERAMIC CHIP 0.047uF	10% 25V
C1148	1-112-779-11	CERAMIC CHIP 0.047uF	10% 25V
C1149	1-114-325-11	CERAMIC CHIP 0.1uF	10% 25V
C1151	1-162-964-11	CERAMIC CHIP 0.001uF	10% 50V
C1152	1-164-856-81	CERAMIC CHIP 18PF	5% 50V
C1153	1-164-852-11	CERAMIC CHIP 12PF	5% 50V
C1154	1-114-325-11	CERAMIC CHIP 0.1uF	10% 25V
C1155	1-114-323-11	CERAMIC CHIP 0.01uF	10% 50V
C1156	1-114-323-11	CERAMIC CHIP 0.01uF	10% 50V

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C1158	1-114-323-11	CERAMIC CHIP 0.01uF 10%	50V	C1742	1-126-933-11	ELECT 100uF 20%	16V
C1159	1-114-325-11	CERAMIC CHIP 0.1uF 10%	25V	C1747	1-114-325-11	CERAMIC CHIP 0.1uF 10%	25V
C1160	1-114-323-11	CERAMIC CHIP 0.01uF 10%	50V	C1751	1-114-323-11	CERAMIC CHIP 0.01uF 10%	50V
C1161	1-114-323-11	CERAMIC CHIP 0.01uF 10%	50V	C1752	1-164-172-11	CERAMIC CHIP 0.0056uF 10%	25V
C1162	1-114-323-11	CERAMIC CHIP 0.01uF 10%	50V	C1753	1-114-323-11	CERAMIC CHIP 0.01uF 10%	50V
C1163	1-114-325-11	CERAMIC CHIP 0.1uF 10%	25V	C2108	1-112-746-11	CERAMIC CHIP 4.7uF 10%	6.3V
C1164	1-114-323-11	CERAMIC CHIP 0.01uF 10%	50V	C2109	1-126-933-11	ELECT 100uF 20%	16V
C1165	1-114-325-11	CERAMIC CHIP 0.1uF 10%	25V	C2112	1-126-923-91	ELECT 220uF 20%	10V
C1169	1-114-325-11	CERAMIC CHIP 0.1uF 10%	25V	C2118	1-114-325-11	CERAMIC CHIP 0.1uF 10%	25V
C1170	1-162-965-11	CERAMIC CHIP 0.0015uF 10%	50V	C2119	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V
C1171	1-114-325-11	CERAMIC CHIP 0.1uF 10%	25V	C2145	1-114-325-11	CERAMIC CHIP 0.1uF 10%	25V
C1172	1-114-325-11	CERAMIC CHIP 0.1uF 10%	25V	C2146	1-100-909-11	CERAMIC CHIP 10uF 10%	6.3V
C1174	1-114-323-11	CERAMIC CHIP 0.01uF 10%	50V	C2148	1-100-909-11	CERAMIC CHIP 10uF 10%	6.3V
C1175	1-114-323-11	CERAMIC CHIP 0.01uF 10%	50V	C2503	1-112-746-11	CERAMIC CHIP 4.7uF 10%	6.3V
C1176	1-114-323-11	CERAMIC CHIP 0.01uF 10%	50V	C3000	1-126-933-11	ELECT 100uF 20%	16V
C1177	1-124-635-00	ELECT 220uF 20%	6.3V	C3001	1-126-786-11	ELECT 47uF 20%	16V
C1179	1-114-325-11	CERAMIC CHIP 0.1uF 10%	25V	C3002	1-114-325-11	CERAMIC CHIP 0.1uF 10%	25V
C1180	1-114-325-11	CERAMIC CHIP 0.1uF 10%	25V	C3003	1-164-937-11	CERAMIC CHIP 0.001uF 10%	50V
C1181	1-114-325-11	CERAMIC CHIP 0.1uF 10%	25V	C3005	1-126-795-11	ELECT 10uF 20%	50V
C1182	1-114-130-11	CERAMIC CHIP 1uF 10%	6.3V	C3051	1-114-868-11	CERAMIC CHIP 0.1uF 10%	50V
C1183	1-114-130-11	CERAMIC CHIP 1uF 10%	6.3V	C3071	1-112-777-11	CERAMIC CHIP 0.01uF 10%	25V
C1186	1-114-130-11	CERAMIC CHIP 1uF 10%	6.3V	C3091	1-126-934-11	ELECT 220uF 20%	16V
C1187	1-126-947-11	ELECT 47uF 20%	35V	C3092	1-114-325-11	CERAMIC CHIP 0.1uF 10%	25V
C1190	1-126-382-11	ELECT 100uF 20%	16V	C3201	1-112-254-11	ELECT 1000uF 20%	35V
C1191	1-114-325-11	CERAMIC CHIP 0.1uF 10%	25V	C3201	1-112-256-11	ELECT 1500uF 20%	35V (EXCEPT E3, E12, E15, EA) (E3, E12, E15, EA)
C1193	1-114-130-11	CERAMIC CHIP 1uF 10%	6.3V	C3203	1-112-246-11	ELECT 100uF 20%	35V
C1195	1-114-130-11	CERAMIC CHIP 1uF 10%	6.3V	C3204	1-114-868-11	CERAMIC CHIP 0.1uF 10%	50V
C1197	1-114-325-11	CERAMIC CHIP 0.1uF 10%	25V	C3205	1-114-325-11	CERAMIC CHIP 0.1uF 10%	25V
C1198	1-114-130-11	CERAMIC CHIP 1uF 10%	6.3V	C3210	1-100-916-11	CERAMIC CHIP 0.1uF 10%	16V
C1199	1-114-322-11	CERAMIC CHIP 0.0047uF 10%	50V	C3211	1-100-916-11	CERAMIC CHIP 0.1uF 10%	16V
C1503	1-100-916-11	CERAMIC CHIP 0.1uF 10%	16V	C3213	1-112-246-11	ELECT 100uF 20%	35V
C1504	1-100-916-11	CERAMIC CHIP 0.1uF 10%	16V	C3214	1-114-868-11	CERAMIC CHIP 0.1uF 10%	50V
C1505	1-114-325-11	CERAMIC CHIP 0.1uF 10%	25V	C3215	1-114-325-11	CERAMIC CHIP 0.1uF 10%	25V
C1506	1-112-778-11	CERAMIC CHIP 0.022uF 10%	25V	C3221	1-100-907-11	CERAMIC CHIP 0.1uF 10%	10V
C1507	1-126-964-11	ELECT 10uF 20%	50V	C3222	1-114-325-11	CERAMIC CHIP 0.1uF 10%	25V
C1508	1-100-916-11	CERAMIC CHIP 0.1uF 10%	16V	C3240	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V (DZ340/DZ340K: EA, SAF, TW/ DZ640K: EA, SP/DZ740)
C1509	1-100-916-11	CERAMIC CHIP 0.1uF 10%	16V	C3241	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V (DZ340/DZ340K: EA, SAF, TW/ DZ640K: EA, SP/DZ740)
C1510	1-100-916-11	CERAMIC CHIP 0.1uF 10%	16V	C3242	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V (DZ340/DZ340K: EA, SAF, TW/ DZ640K: EA, SP/DZ740)
C1511	1-100-916-11	CERAMIC CHIP 0.1uF 10%	16V	C3243	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V (DZ340/DZ340K: EA, SAF, TW/ DZ640K: EA, SP/DZ740)
C1512	1-100-916-11	CERAMIC CHIP 0.1uF 10%	16V	C3244	1-114-323-11	CERAMIC CHIP 0.01uF 10%	50V
C1513	1-100-916-11	CERAMIC CHIP 0.1uF 10%	16V	C3245	1-114-323-11	CERAMIC CHIP 0.01uF 10%	50V
C1514	1-126-964-11	ELECT 10uF 20%	50V	C3246	1-114-323-11	CERAMIC CHIP 0.01uF 10%	50V
C1516	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V	C3247	1-114-323-11	CERAMIC CHIP 0.01uF 10%	50V
C1518	1-114-325-11	CERAMIC CHIP 0.1uF 10%	25V	C3253	1-112-246-11	ELECT 100uF 20%	35V
C1520	1-126-935-11	ELECT 470uF 20%	16V	C3254	1-114-868-11	CERAMIC CHIP 0.1uF 10%	50V
C1522	1-164-730-11	CERAMIC CHIP 0.0012uF 10%	50V	C3255	1-114-325-11	CERAMIC CHIP 0.1uF 10%	25V
C1523	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V	C3256	1-114-325-11	CERAMIC CHIP 0.1uF 10%	25V
C1524	1-110-563-11	CERAMIC CHIP 0.068uF 10%	16V	C3257	1-165-884-11	CERAMIC CHIP 2.2uF 10%	6.3V
C1525	1-100-436-91	CERAMIC CHIP 0.033uF 10%	25V	C3258	1-165-884-11	CERAMIC CHIP 2.2uF 10%	6.3V
C1531	1-114-130-11	CERAMIC CHIP 1uF 10%	6.3V	C3259	1-165-884-11	CERAMIC CHIP 2.2uF 10%	6.3V
C1532	1-112-781-11	CERAMIC CHIP 1uF 10%	10V	C3260	1-100-916-11	CERAMIC CHIP 0.1uF 10%	16V
C1725	1-112-777-11	CERAMIC CHIP 0.01uF 10%	25V	C3261	1-100-916-11	CERAMIC CHIP 0.1uF 10%	16V
C1727	1-100-916-11	CERAMIC CHIP 0.1uF 10%	16V				
C1729	1-165-884-11	CERAMIC CHIP 2.2uF 10%	6.3V				
C1730	1-112-067-11	CERAMIC CHIP 0.22uF 10%	16V				
C1731	1-114-320-11	CERAMIC CHIP 0.22uF 10%	6.3V				
C1732	1-100-916-11	CERAMIC CHIP 0.1uF 10%	16V				
C1733	1-114-320-11	CERAMIC CHIP 0.22uF 10%	6.3V				
C1734	1-114-130-11	CERAMIC CHIP 1uF 10%	6.3V				
C1736	1-114-323-11	CERAMIC CHIP 0.01uF 10%	50V				

HBD-DZ340/DZ340K/DZ640K/DZ740

Ver. 1.1

MAIN

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C3263	1-112-246-11	ELECT	100uF	20%	35V	C3347	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C3264	1-114-868-11	CERAMIC CHIP	0.1uF	10%	50V	C3348	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3265	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V	C3350	1-126-923-91	ELECT	220uF	20%	10V
C3270	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C3366	1-114-130-11	CERAMIC CHIP	1uF	10%	6.3V
		(DZ340/DZ340K: EA, SAF, TW/ DZ640K: EA, SP/DZ740)				C3367	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V
C3271	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C3368	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V
		(DZ340/DZ340K: EA, SAF, TW/ DZ640K: EA, SP/DZ740)				C3375	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C3272	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C3379	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V
		(DZ340/DZ340K: EA, SAF, TW/ DZ640K: EA, SP/DZ740)				C3380	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V
C3273	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C3381	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V
		(DZ340/DZ340K: EA, SAF, TW/ DZ640K: EA, SP/DZ740)				C3382	1-114-323-11	CERAMIC CHIP	0.01uF	10%	50V
C3274	1-114-323-11	CERAMIC CHIP	0.01uF	10%	50V	C3383	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V
C3275	1-114-323-11	CERAMIC CHIP	0.01uF	10%	50V	C3384	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V
C3276	1-114-323-11	CERAMIC CHIP	0.01uF	10%	50V	C3385	1-164-850-11	CERAMIC CHIP	10PF	0.5PF	50V
C3277	1-114-323-11	CERAMIC CHIP	0.01uF	10%	50V	C3386	1-164-856-81	CERAMIC CHIP	18PF	5%	50V
C3286	1-112-246-11	ELECT	100uF	20%	35V	C3387	1-114-323-11	CERAMIC CHIP	0.01uF	10%	50V
C3287	1-114-868-11	CERAMIC CHIP	0.1uF	10%	50V	C3388	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V
C3288	1-112-246-11	ELECT	100uF	20%	35V	C3389	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3289	1-114-868-11	CERAMIC CHIP	0.1uF	10%	50V	C3390	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C3290	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V	C3391	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V
C3291	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V	C3403	1-112-246-11	ELECT	100uF	20%	35V
C3292	1-112-246-11	ELECT	100uF	20%	35V	C3404	1-114-868-11	CERAMIC CHIP	0.1uF	10%	50V
C3293	1-114-868-11	CERAMIC CHIP	0.1uF	10%	50V	C3405	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V
C3294	1-112-246-11	ELECT	100uF	20%	35V	C3406	1-165-884-11	CERAMIC CHIP	2.2uF	10%	6.3V
C3295	1-114-868-11	CERAMIC CHIP	0.1uF	10%	50V	C3410	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C3296	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V	C3411	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C3297	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V	C3413	1-112-246-11	ELECT	100uF	20%	35V
C3298	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V	C3414	1-114-868-11	CERAMIC CHIP	0.1uF	10%	50V
C3301	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V	C3415	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V
C3302	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V	C3551	1-112-781-11	CERAMIC CHIP	1uF	10%	10V
C3303	1-112-781-11	CERAMIC CHIP	1uF	10%	10V	C3552	1-126-964-11	ELECT	10uF	20%	50V
C3305	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V	C3553	1-112-777-11	CERAMIC CHIP	0.01uF	10%	25V
C3306	1-112-246-11	ELECT	100uF	20%	35V	C3556	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C3307	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V	C3561	1-126-947-11	ELECT	47uF	20%	35V
C3308	1-114-868-11	CERAMIC CHIP	0.1uF	10%	50V	C3601	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V
C3309	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V	C3603	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V
C3310	1-165-884-11	CERAMIC CHIP	2.2uF	10%	6.3V	C3605	1-126-941-11	ELECT	470uF	20%	25V
C3311	1-112-781-11	CERAMIC CHIP	1uF	10%	10V	C3606	1-126-935-11	ELECT	470uF	20%	16V
C3312	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V	C3607	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C3314	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V	C3608	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V
C3315	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V	C3905	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3317	1-112-246-11	ELECT	100uF	20%	35V			(DZ340/DZ340K: EA, SAF, TW/ DZ640K: EA, SP/DZ740)			
C3318	1-114-868-11	CERAMIC CHIP	0.1uF	10%	50V	C3906	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3319	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V			(DZ340/DZ340K: EA, SAF, TW/ DZ640K: EA, SP/DZ740)			
C3322	1-100-907-11	CERAMIC CHIP	0.1uF	10%	10V	C3907	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3323	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V			(DZ340/DZ340K: EA, SAF, TW/ DZ640K: EA, SP/DZ740)			
C3327	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V	C3908	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3328	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V			(DZ340/DZ340K: EA, SAF, TW/ DZ640K: EA, SP/DZ740)			
C3329	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V	C3915	1-114-323-11	CERAMIC CHIP	0.01uF	10%	50V
C3330	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V	C3916	1-114-323-11	CERAMIC CHIP	0.01uF	10%	50V
C3336	1-112-781-11	CERAMIC CHIP	1uF	10%	10V	C3917	1-114-323-11	CERAMIC CHIP	0.01uF	10%	50V
C3337	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V	C3918	1-114-323-11	CERAMIC CHIP	0.01uF	10%	50V
C3340	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V	C3919	1-114-130-11	CERAMIC CHIP	1uF	10%	6.3V
C3341	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V	C3920	1-114-130-11	CERAMIC CHIP	1uF	10%	6.3V
C3342	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V	C3921	1-137-649-31	ELECT	220uF	20%	10V
C3343	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V	C3922	1-114-130-11	CERAMIC CHIP	1uF	10%	6.3V
C3345	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V	C3923	1-114-130-11	CERAMIC CHIP	1uF	10%	6.3V
C3346	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V	C3924	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C3925	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V	C5022	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C3930	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V	C5023	1-112-777-11	CERAMIC CHIP	0.01uF	10%	25V
C3935	1-131-700-31	FILM	0.47uF	5%	50V	C5025	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C3936	1-131-700-31	FILM	0.47uF	5%	50V	C5026	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C3937	1-131-700-31	FILM	0.47uF	5%	50V	C6003	1-126-923-91	ELECT	220uF	20%	10V
C3938	1-131-700-31	FILM	0.47uF	5%	50V	C6004	1-114-323-11	CERAMIC CHIP	0.01uF	10%	50V
C3941	1-131-700-31	FILM	0.47uF	5%	50V	C6007	1-126-923-91	ELECT	220uF	20%	10V
C3942	1-131-700-31	FILM	0.47uF	5%	50V	C6011	1-164-856-81	CERAMIC CHIP	18PF	5%	50V
C3943	1-131-700-31	FILM	0.47uF	5%	50V	C6012	1-164-852-11	CERAMIC CHIP	12PF	5%	50V
C3944	1-131-700-31	FILM	0.47uF	5%	50V	C6018	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V
C3945	1-131-700-31	FILM	0.47uF	5%	50V	C6019	1-126-964-11	ELECT	10uF	20%	50V
C3946	1-131-700-31	FILM	0.47uF	5%	50V	C6020	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V
C3947	1-131-700-31	FILM	0.47uF	5%	50V	C6021	1-126-964-11	ELECT	10uF	20%	50V
C3948	1-131-700-31	FILM	0.47uF	5%	50V	C6022	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V
C3950	1-112-256-11	ELECT	1500uF	20%	35V	C6052	1-104-658-91	ELECT	100uF	20%	10V
			(E3, E12, E15, EA)						(DZ340/DZ740)		
C3950	1-116-856-11	ELECT	1000uF	20%	35V	C6053	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V
			(E32, AR, PH, SAF, SP, TH, TW)						(DZ340/DZ740)		
C3950	1-126-952-11	ELECT	1000uF	20%	35V (AEP)	C7001	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
C3951	1-112-256-11	ELECT	1500uF	20%	35V	C7002	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
			(E3, E12, E15, EA)						(DZ340/DZ640K/DZ740)		
C3951	1-116-856-11	ELECT	1000uF	20%	35V	C7003	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
			(E32, AR, PH, SAF, SP, TH, TW)						(DZ340/DZ640K/DZ740)		
C3951	1-126-952-11	ELECT	1000uF	20%	35V (AEP)	C7004	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
									(DZ340/DZ640K/DZ740)		
C3953	1-112-256-11	ELECT	1500uF	20%	35V						
			(E3, E12, E15, EA)								
C3953	1-116-856-11	ELECT	1000uF	20%	35V	C7005	1-114-130-11	CERAMIC CHIP	1uF	10%	6.3V
			(E32, AR, PH, SAF, SP, TH, TW)			C7006	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
									(DZ340/DZ640K/DZ740)		
C3953	1-126-952-11	ELECT	1000uF	20%	35V (AEP)	C7013	1-112-781-11	CERAMIC CHIP	1uF	10%	10V
C3954	1-112-256-11	ELECT	1500uF	20%	35V	C7014	1-114-813-11	CERAMIC CHIP	1uF	10%	16V
			(E3, E12, E15, EA)						(DZ340/DZ740)		
C3954	1-116-856-11	ELECT	1000uF	20%	35V	C7015	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
			(E32, AR, PH, SAF, SP, TH, TW)						(DZ340/DZ640K/DZ740)		
C3954	1-126-952-11	ELECT	1000uF	20%	35V (AEP)	C7018	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V
C3955	1-112-256-11	ELECT	1500uF	20%	35V				(DZ340/DZ640K/DZ740)		
			(E3, E12, E15, EA)			C7020	1-114-813-11	CERAMIC CHIP	1uF	10%	16V
									(DZ340/DZ740)		
C3955	1-116-856-11	ELECT	1000uF	20%	35V	C7021	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V
			(E32, AR, PH, SAF, SP, TH, TW)						(DZ340K)		
C3955	1-126-952-11	ELECT	1000uF	20%	35V (AEP)	C7022	1-100-909-11	CERAMIC CHIP	10uF	10%	6.3V
C3956	1-164-874-11	CERAMIC CHIP	100PF	5%	50V				(DZ340K)		
C3957	1-164-874-11	CERAMIC CHIP	100PF	5%	50V			< CONNECTOR >			
			(DZ340/DZ340K: EA, SAF, TW/ DZ640K: EA, SP/DZ740)								
C3958	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V	CN1101	(Not supplied)	CONNECTOR, FFC/FPC (ZIF) 24P			
			(DZ340/DZ340K: EA, SAF, TW/ DZ640K: EA, SP/DZ740)			CN1105	1-770-470-21	PIN, CONNECTOR (PC BOARD) 6P			
C5001	1-114-130-11	CERAMIC CHIP	1uF	10%	6.3V	CN1501	1-564-708-11	PIN, CONNECTOR (SMALL TYPE) 6P			
C5003	1-114-130-11	CERAMIC CHIP	1uF	10%	6.3V	CN1502	1-779-273-11	CONNECTOR, FFC (LIF (NON-ZIF)) 5P			
C5005	1-114-323-11	CERAMIC CHIP	0.01uF	10%	50V	CN1701	1-842-519-11	CONNECTOR, HDMI 19P (HDMI OUT (ARC))			
C5006	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V	CN1801	1-564-707-11	PIN, CONNECTOR (SMALL TYPE) 5P			
C5007	1-114-323-11	CERAMIC CHIP	0.01uF	10%	50V	CN3002	1-564-704-41	PIN, CONNECTOR (SMALL TYPE) 2P			
C5008	1-114-323-11	CERAMIC CHIP	0.01uF	10%	50V	* CN3005	1-564-508-11	PLUG, CONNECTOR 5P (DZ340K/DZ640K)			
C5009	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V	CN3009	1-820-115-41	CONNECTOR, FFC/FPC 15P (DZ340/DZ740)			
C5010	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V	CN3010	1-785-468-41	CONNECTOR, FFC/FPC 13P (DZ340K/DZ640K)			
C5011	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V	CN5002	1-784-861-51	CONNECTOR, FFC (LIF (NON-ZIF)) 9P			
C5012	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V	CN5006	1-820-115-41	CONNECTOR, FFC/FPC 15P (DZ340K/DZ640K)			
C5013	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V	CN5007	1-785-468-41	CONNECTOR, FFC/FPC 13P (DZ340/DZ740)			
C5014	1-114-320-11	CERAMIC CHIP	0.22uF	10%	6.3V	CN7002	1-820-113-41	CONNECTOR, FFC/FPC 11P (DZ340/DZ740)			
C5015	1-112-777-11	CERAMIC CHIP	0.01uF	10%	25V			< DIODE >			
C5016	1-100-916-11	CERAMIC CHIP	0.1uF	10%	16V	D1711	6-503-020-01	DIODE DZ2J082M0L			
C5018	1-112-778-11	CERAMIC CHIP	0.022uF	10%	25V	D1714	6-502-961-01	DIODE DA2J10100L			
C5019	1-104-656-11	ELECT	2200uF	20%	6.3V	D3551	6-500-848-01	DIODE MC2840-T112-1			
C5020	1-126-925-91	ELECT	470uF	20%	10V	D5001	6-502-961-01	DIODE DA2J10100L			

HBD-DZ340/DZ340K/DZ640K/DZ740

Ver. 1.3

MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
D5002	6-502-961-01	DIODE DA2J10100L				< JACK >	
D5004	6-502-961-01	DIODE DA2J10100L					
D5006	6-502-961-01	DIODE DA2J10100L		J7001	1-822-283-11	JACK, PIN 3P (COMPONENT VIDEO OUT)	
D7001	6-502-961-01	DIODE DA2J10100L (DZ340/DZ740)				(DZ640K)	
D7002	6-502-961-01	DIODE DA2J10100L (DZ340/DZ740)		J7002	1-794-970-11	JACK, PIN 1P (VIDEO OUT) (DZ340K/DZ640K)	
		< FERRITE BEAD >				< COIL >	
FB1106	(Not supplied)	FERRITE, EMI (SMD) (1608)		L1802	1-414-840-11	INDUCTOR 10nH	
FB1107	(Not supplied)	FERRITE, EMI (SMD) (1608)		L1803	1-414-840-11	INDUCTOR 10nH	
FB1108	(Not supplied)	FERRITE, EMI (SMD) (1608)		L3002	1-457-933-11	INDUCTOR 150uH	
FB1109	(Not supplied)	FERRITE, EMI (SMD) (1608)		L3052	1-400-791-21	INDUCTOR 10uH	
FB1111	(Not supplied)	FERRITE, EMI (SMD) (1608)		L3201	1-457-579-11	INDUCTOR 10uH	
FB1112	(Not supplied)	FERRITE, EMI (SMD) (1608)		L3251	1-457-579-11	INDUCTOR 10uH	
FB1113	(Not supplied)	FERRITE, EMI (SMD) (1608)		L3301	1-457-579-11	INDUCTOR 10uH	
FB1115	(Not supplied)	FERRITE, EMI (SMD) (1608)		L3302	1-469-525-91	INDUCTOR 10uH	
FB1116	(Not supplied)	FERRITE, EMI (SMD) (1608)		L3401	1-457-579-11	INDUCTOR 10uH	
FB1117	(Not supplied)	FERRITE, EMI (SMD) (1608)		L3501	1-457-579-11	INDUCTOR 10uH	
FB1118	(Not supplied)	FERRITE, EMI (SMD) (1608)		L3551	1-457-579-11	INDUCTOR 10uH	
FB1203	(Not supplied)	FERRITE, EMI (SMD) (1608)		* L6002	1-481-642-11	INDUCTOR 10uH (DZ340/DZ740)	
FB2101	(Not supplied)	FERRITE, EMI (SMD) (1608)		* L6003	1-481-642-11	INDUCTOR 10uH	
FB2124	1-400-632-21	BEAD, FERRITE (1005)		* L6007	1-481-642-11	INDUCTOR 10uH	
FB2125	1-400-632-21	BEAD, FERRITE (1005)				< TRANSISTOR >	
FB3001	1-400-632-21	BEAD, FERRITE (1005)		Q1101	6-552-279-01	FET RT3K66M-T111-1	
		< IC >		Q1102	6-550-653-01	TRANSISTOR QST8TR	
IC1001	6-709-888-01	IC TC7WHU04FK		Q1103	8-729-038-37	TRANSISTOR RT1N141M-TP-1	
IC1101	6-714-722-01	IC CXD9927R-B		Q1701	6-552-279-01	FET RT3K66M-T111-1	
IC1102	6-717-443-01	IC MX29LV320EBTI-70-OHD-1102UC (E32, AR)		Q1702	6-551-272-01	TRANSISTOR RT3CLLM	
IC1102	6-717-444-01	IC MX29LV320EBTI-70-OHD-1102CE (AEP, E3, E12, SAF, E15, EA)		Q1706	6-551-714-01	FET INK0001AC1-T112-1	
IC1102	6-717-445-01	IC MX29LV320EBTI-70-OHD-1102GA (SP, TW, PH, TH)		Q3001	6-551-272-01	TRANSISTOR RT3CLLM	
IC1103	(Not supplied)	IC R1EX24064ASAS0A		Q3002	8-729-056-46	TRANSISTOR 2SC5053T100Q	
IC1104	6-716-354-01	IC W9864G6JH-6-ER10		Q3201	6-552-772-01	TRANSISTOR RT3AMMAM1-T111-1F	
IC1105	6-715-134-01	IC MM3404A33URE		Q3202	6-552-772-01	TRANSISTOR RT3AMMAM1-T111-1F	
IC1107	6-715-134-01	IC MM3404A33URE		Q3251	6-552-772-01	TRANSISTOR RT3AMMAM1-T111-1F	
IC1110	6-716-833-01	IC MM3374A18PRE		Q3252	6-552-772-01	TRANSISTOR RT3AMMAM1-T111-1F	
IC1501	(Not supplied)	IC BD8203EFV-E2		Q3301	6-552-772-01	TRANSISTOR RT3AMMAM1-T111-1F	
IC1502	6-716-834-01	IC MM1836A50NRE		Q3401	6-552-772-01	TRANSISTOR RT3AMMAM1-T111-1F	
IC1705	8-759-592-47	IC TC7SZ08FU(Te85R)		Q3551	8-729-620-13	TRANSISTOR 2SC4154TP-1EF	
IC1707	6-705-337-01	IC TK11150CSCL-G		Q3552	6-551-272-01	TRANSISTOR RT3CLLM	
IC1708	6-702-302-01	IC TK11133CSCL-G		Q5001	8-729-620-13	TRANSISTOR 2SC4154TP-1EF	
IC1709	6-716-739-01	IC BD00GC0WEFJ-SE2		Q5002	6-551-272-01	TRANSISTOR RT3CLLM	
IC3001	6-712-974-01	IC CXD9926ATQ		Q5003	6-552-458-01	FET 2SK3577-T1B-AT	
IC3002	6-710-366-01	IC 74LVC1G04GW-125		Q7001	8-729-038-37	TRANSISTOR RT1N141M-TP-1 (DZ340/DZ740)	
IC3003	6-712-613-01	IC SI-3010KM-TLS		Q7002	8-729-620-13	TRANSISTOR 2SC4154TP-1EF (DZ340/DZ740)	
IC3100	6-714-477-01	IC CXD9981TN		Q7003	6-551-690-01	TRANSISTOR RT3N11M-TP-1 (DZ340/DZ740)	
IC3300	6-714-477-01	IC CXD9981TN		Q7004	6-551-691-01	TRANSISTOR RT3P11M-TP-1 (DZ340/DZ740)	
IC3350	6-714-477-01	IC CXD9981TN		Q7005	8-729-038-37	TRANSISTOR RT1N141M-TP-1 (DZ340/DZ740)	
IC3401	6-715-134-01	IC MM3404A33URE				< RESISTOR >	
IC3402	6-715-134-01	IC MM3404A33URE		R1001	1-218-953-11	METAL CHIP 1K 5% 1/16W	
IC5001	6-716-832-01	IC MM3374A33PRE		R1002	1-208-911-11	METAL CHIP 10K 0.5% 1/16W	
IC5002	A-1797-153-A	IC R5F3650KBDA (for SERVICE)		R1003	1-208-927-11	METAL CHIP 47K 0.5% 1/16W	
IC5004	(Not supplied)	IC S-80935CNNB-G85T2G		R1004	1-218-863-11	METAL CHIP 4.7K 0.5% 1/10W	
IC6001	(Not supplied)	IC CS8422		R1005	1-218-847-11	METAL CHIP 1K 0.5% 1/10W	
IC6002	6-600-466-01	IC TORX147L(SONY) (TV/OPTICAL DIGITAL IN) (DZ340/DZ740)		R1006	1-218-965-11	METAL CHIP 10K 5% 1/16W	
IC7001	6-716-592-01	IC BH76071FJ-E2 (DZ340/DZ640K/DZ740)		R1007	1-216-821-11	METAL CHIP 1K 5% 1/10W	
IC7002	6-716-834-01	IC MM1836A50NRE		R1011	1-216-849-11	METAL CHIP 220K 5% 1/10W	
IC7003	6-716-690-01	IC NJM2561F1-A(Te2 (DZ340K)		R1012	1-216-864-11	SHORT CHIP 0	
				R1013	1-216-817-11	METAL CHIP 470 5% 1/10W	
				R1014	1-216-841-11	METAL CHIP 47K 5% 1/10W	
				R1015	1-208-859-81	METAL CHIP 68 0.5% 1/16W	

Note: When IC1103, IC1501, IC5004 and IC6001 on the Main board are damaged, exchange the new Main board for the Main board which IC damaged.

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R1016	1-208-859-81	METAL CHIP	68	0.5%	1/16W	R1527	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1101	1-216-809-11	METAL CHIP	100	5%	1/10W	R1529	1-216-864-11	SHORT CHIP	0		
R1103	1-218-864-11	METAL CHIP	5.1K	0.5%	1/10W	R1532	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1105	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1535	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R1106	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1536	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R1107	1-218-965-11	METAL CHIP	10K	5%	1/16W	R1537	1-218-853-11	METAL CHIP	1.8K	0.5%	1/10W
R1108	1-218-989-11	METAL CHIP	1M	5%	1/16W	R1538	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R1109	1-218-990-81	SHORT CHIP	0			R1539	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R1110	1-218-973-11	METAL CHIP	47K	5%	1/16W	R1540	1-208-703-11	METAL CHIP	6.8K	0.5%	1/16W
R1111	1-218-941-81	METAL CHIP	100	5%	1/16W	R1541	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R1112	1-208-643-11	METAL CHIP	22	0.5%	1/16W	R1542	1-208-703-11	METAL CHIP	6.8K	0.5%	1/16W
R1113	1-208-643-11	METAL CHIP	22	0.5%	1/16W	R1543	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1114	1-218-977-11	METAL CHIP	100K	5%	1/16W	R1544	1-216-797-11	METAL CHIP	10	5%	1/10W
R1115	1-208-643-11	METAL CHIP	22	0.5%	1/16W	R1730	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R1116	1-218-953-11	METAL CHIP	1K	5%	1/16W	R1742	1-218-973-11	METAL CHIP	47K	5%	1/16W
R1117	1-218-973-11	METAL CHIP	47K	5%	1/16W	R1744	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1118	1-218-933-11	METAL CHIP	22	5%	1/16W	R1749	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R1120	1-218-933-11	METAL CHIP	22	5%	1/16W	R1750	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R1121	1-218-933-11	METAL CHIP	22	5%	1/16W	R1751	1-216-864-11	SHORT CHIP	0		
R1123	1-218-990-81	SHORT CHIP	0			R1752	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1124	1-218-973-11	METAL CHIP	47K	5%	1/16W	R1781	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1125	1-218-937-11	METAL CHIP	47	5%	1/16W	R1782	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1126	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1801	1-208-677-11	METAL CHIP	560	0.5%	1/16W
R1132	1-216-845-11	METAL CHIP	100K	5%	1/10W	R1803	1-218-958-11	METAL CHIP	2.7K	5%	1/16W
R1133	1-216-864-11	SHORT CHIP	0			R1805	1-218-990-81	SHORT CHIP	0		
R1135	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1811	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1136	1-218-967-11	METAL CHIP	15K	5%	1/16W	R1817	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1140	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R1818	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1141	1-216-855-11	METAL CHIP	680K	5%	1/10W	R1819	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1142	1-218-977-11	METAL CHIP	100K	5%	1/16W	R1828	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1151	1-218-965-11	METAL CHIP	10K	5%	1/16W	R1829	1-216-809-11	METAL CHIP	100	5%	1/10W
R1154	1-216-809-11	METAL CHIP	100	5%	1/10W	R1830	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1155	1-216-809-11	METAL CHIP	100	5%	1/10W	R1835	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1156	1-218-941-81	METAL CHIP	100	5%	1/16W	R1836	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1159	1-218-941-81	METAL CHIP	100	5%	1/16W	R1837	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1160	1-218-929-11	METAL CHIP	10	5%	1/16W	R1838	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R1162	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ340/DZ740)	R1909	1-218-970-11	METAL CHIP	27K	5%	1/16W
R1163	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ340/DZ740)	R1910	1-218-970-11	METAL CHIP	27K	5%	1/16W
R1164	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ340K/DZ640K)	R1911	1-218-945-11	METAL CHIP	220	5%	1/16W
R1171	1-216-809-11	METAL CHIP	100	5%	1/10W	R2114	1-218-933-11	METAL CHIP	22	5%	1/16W
R1183	1-234-371-21	RES, NETWORK 47X4 (1005)				R2120	1-218-941-81	METAL CHIP	100	5%	1/16W
R1186	1-218-953-11	METAL CHIP	1K	5%	1/16W	R2131	1-216-809-11	METAL CHIP	100	5%	1/10W
R1191	1-216-821-11	METAL CHIP	1K	5%	1/10W	R2155	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1192	1-216-821-11	METAL CHIP	1K	5%	1/10W	R2156	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1193	1-216-821-11	METAL CHIP	1K	5%	1/10W	R2157	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1198	1-216-809-11	METAL CHIP	100	5%	1/10W	R2158	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1501	1-216-821-11	METAL CHIP	1K	5%	1/10W	R2159	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1502	1-234-375-21	RES, NETWORK 1KX4 (1005)				R2160	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1504	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R2168	1-218-947-11	METAL CHIP	330	5%	1/16W
R1505	1-218-953-11	METAL CHIP	1K	5%	1/16W	R2184	1-216-809-11	METAL CHIP	100	5%	1/10W
R1512	1-208-927-11	METAL CHIP	47K	0.5%	1/16W	R2185	1-216-809-11	METAL CHIP	100	5%	1/10W
R1513	1-208-715-11	METAL CHIP	22K	0.5%	1/16W	R2186	1-218-953-11	METAL CHIP	1K	5%	1/16W
R1517	1-216-815-11	METAL CHIP	330	5%	1/10W	R3001	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1518	1-208-923-11	METAL CHIP	33K	0.5%	1/16W	R3002	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1519	1-208-713-11	METAL CHIP	18K	0.5%	1/16W	R3003	1-218-955-11	METAL CHIP	1.5K	5%	1/16W
R1521	1-218-893-11	METAL CHIP	82K	0.5%	1/10W	R3004	1-218-955-11	METAL CHIP	1.5K	5%	1/16W
R1525	1-208-711-11	METAL CHIP	15K	0.5%	1/16W	R3006	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R1526	1-218-967-11	METAL CHIP	15K	5%	1/16W	R3015	1-218-937-11	METAL CHIP	47	5%	1/16W
						R3016	1-218-937-11	METAL CHIP	47	5%	1/16W
						R3051	1-218-977-11	METAL CHIP	100K	5%	1/16W

HBD-DZ340/DZ340K/DZ640K/DZ740

Ver. 1.1

MAIN

Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description	Remark			
R3053	1-216-864-11	SHORT CHIP	0	(DZ340K/DZ640K)			R3385	1-218-989-11	METAL CHIP	1M	5%	1/16W	
R3065	1-218-941-81	METAL CHIP	100	5%	1/16W		R3386	1-218-946-11	METAL CHIP	270	5%	1/16W	
R3075	1-234-371-21	RES, NETWORK	47X4	(1005)			R3401	1-234-371-21	RES, NETWORK	47X4	(1005)		
R3080	1-216-845-11	METAL CHIP	100K	5%	1/10W	(DZ340K/DZ640K)	R3403	1-216-845-11	METAL CHIP	100K	5%	1/10W	
							R3404	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R3111	1-216-864-11	SHORT CHIP	0				R3405	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R3112	1-216-864-11	SHORT CHIP	0				R3501	1-234-371-21	RES, NETWORK	47X4	(1005)		
R3113	1-216-864-11	SHORT CHIP	0				R3551	1-218-977-11	METAL CHIP	100K	5%	1/16W	
R3205	1-216-845-11	METAL CHIP	100K	5%	1/10W		R3552	1-218-969-11	METAL CHIP	22K	5%	1/16W	
R3206	1-216-845-11	METAL CHIP	100K	5%	1/10W		R3553	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R3207	1-216-845-11	METAL CHIP	100K	5%	1/10W								
R3221	1-216-821-11	METAL CHIP	1K	5%	1/10W		R3554	1-218-977-11	METAL CHIP	100K	5%	1/16W	
R3222	1-216-821-11	METAL CHIP	1K	5%	1/10W		R3558	1-208-687-11	METAL CHIP	1.5K	0.5%	1/16W	
R3223	1-216-837-11	METAL CHIP	22K	5%	1/10W		R3561	1-218-973-11	METAL CHIP	47K	5%	1/16W	
R3224	1-216-837-11	METAL CHIP	22K	5%	1/10W		R3562	1-208-923-11	METAL CHIP	33K	0.5%	1/16W	
R3257	1-216-845-11	METAL CHIP	100K	5%	1/10W		R3563	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W	
R3258	1-216-845-11	METAL CHIP	100K	5%	1/10W		R3609	1-216-813-11	METAL CHIP	220	5%	1/10W	
R3259	1-216-845-11	METAL CHIP	100K	5%	1/10W		R3610	1-216-813-11	METAL CHIP	220	5%	1/10W	
R3301	1-234-371-21	RES, NETWORK	47X4	(1005)			R3622	1-218-943-11	METAL CHIP	150	5%	1/16W	
R3303	1-216-845-11	METAL CHIP	100K	5%	1/10W		R3628	1-218-977-11	METAL CHIP	100K	5%	1/16W	
R3304	1-216-845-11	METAL CHIP	100K	5%	1/10W		R3629	1-218-965-11	METAL CHIP	10K	5%	1/16W	
R3305	1-216-845-11	METAL CHIP	100K	5%	1/10W		R3630	1-218-953-11	METAL CHIP	1K	5%	1/16W	
R3306	1-216-833-11	METAL CHIP	10K	5%	1/10W		R3631	1-218-965-11	METAL CHIP	10K	5%	1/16W	
R3307	1-216-833-11	METAL CHIP	10K	5%	1/10W		R3919	1-218-953-11	METAL CHIP	1K	5%	1/16W	
R3310	1-218-941-81	METAL CHIP	100	5%	1/16W		R3922	1-218-953-11	METAL CHIP	1K	5%	1/16W	
R3319	1-218-933-11	METAL CHIP	22	5%	1/16W		R3960	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R3321	1-216-833-11	METAL CHIP	10K	5%	1/10W		R3961	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R3322	1-216-821-11	METAL CHIP	1K	5%	1/10W		R3962	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R3323	1-216-837-11	METAL CHIP	22K	5%	1/10W		R3963	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R3327	1-218-965-11	METAL CHIP	10K	5%	1/16W	(DZ340K/DZ640K)	R3964	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R3328	1-216-833-11	METAL CHIP	10K	5%	1/10W		R3965	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R3329	1-216-833-11	METAL CHIP	10K	5%	1/10W		R3972	1-216-864-11	SHORT CHIP	0	(DZ340K/DZ640K)		
R3330	1-218-965-11	METAL CHIP	10K	5%	1/16W		R5001	1-218-953-11	METAL CHIP	1K	5%	1/16W	
R3331	1-216-825-11	METAL CHIP	2.2K	5%	1/10W		R5002	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R3332	1-216-825-11	METAL CHIP	2.2K	5%	1/10W		R5008	1-216-857-11	METAL CHIP	1M	5%	1/10W	
R3333	1-218-990-81	SHORT CHIP	0				R5012	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R3334	1-218-990-81	SHORT CHIP	0				R5018	1-218-965-11	METAL CHIP	10K	5%	1/16W	
R3335	1-216-833-11	METAL CHIP	10K	5%	1/10W		R5019	1-218-965-11	METAL CHIP	10K	5%	1/16W	
R3338	1-218-941-81	METAL CHIP	100	5%	1/16W		R5020	1-218-973-11	METAL CHIP	47K	5%	1/16W	
R3339	1-216-821-11	METAL CHIP	1K	5%	1/10W		R5026	1-218-990-81	SHORT CHIP	0			
R3341	1-218-965-11	METAL CHIP	10K	5%	1/16W		R5027	1-218-989-11	METAL CHIP	1M	5%	1/16W	
R3342	1-218-965-11	METAL CHIP	10K	5%	1/16W		R5029	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R3343	1-218-941-81	METAL CHIP	100	5%	1/16W		R5030	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R3344	1-218-941-81	METAL CHIP	100	5%	1/16W		R5031	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R3360	1-218-970-11	METAL CHIP	27K	5%	1/16W		R5032	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R3361	1-218-970-11	METAL CHIP	27K	5%	1/16W		R5033	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R3362	1-218-975-11	METAL CHIP	68K	5%	1/16W	(DZ340K/DZ640K)	R5037	1-218-977-11	METAL CHIP	100K	5%	1/16W	
R3365	1-218-975-11	METAL CHIP	68K	5%	1/16W	(DZ340K/DZ640K)	R5038	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R3368	1-218-975-11	METAL CHIP	68K	5%	1/16W	(DZ340K/DZ640K)	R5040	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R3371	1-220-199-81	METAL CHIP	24K	5%	1/16W		R5041	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R3372	1-218-990-81	SHORT CHIP	0	(DZ340/DZ740)			R5046	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R3374	1-218-990-81	SHORT CHIP	0				R5047	1-218-981-91	METAL CHIP	220K	5%	1/16W	
R3375	1-218-990-81	SHORT CHIP	0				R5048	1-218-957-11	METAL CHIP	2.2K	5%	1/16W	
R3376	1-218-990-81	SHORT CHIP	0				R5050	1-218-953-11	METAL CHIP	1K	5%	1/16W	
R3377	1-218-990-81	SHORT CHIP	0	(DZ340/DZ740)			R5051	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R3378	1-218-990-81	SHORT CHIP	0				R5052	1-218-941-81	METAL CHIP	100	5%	1/16W	
R3379	1-216-864-11	SHORT CHIP	0				R5054	1-218-973-11	METAL CHIP	47K	5%	1/16W	
							R5055	1-218-953-11	METAL CHIP	1K	5%	1/16W	
							R5065	1-218-953-11	METAL CHIP	1K	5%	1/16W	
							R5066	1-216-833-11	METAL CHIP	10K	5%	1/10W	
							R5067	1-218-953-11	METAL CHIP	1K	5%	1/16W	

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R5075	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6051	1-216-809-11	METAL CHIP	100	5%	1/10W
R5077	1-216-829-11	METAL CHIP	4.7K	5%	1/10W						(DZ340/DZ740)
R5078	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R6052	1-216-864-11	SHORT CHIP	0	(DZ340K/DZ640K)	
R5089	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7001	1-218-827-11	METAL CHIP	150	0.5%	1/10W
					(EXCEPT SAF)	R7002	1-216-815-11	METAL CHIP	330	5%	1/10W
R5090	1-218-953-11	METAL CHIP	1K	5%	1/16W						(DZ340/DZ740)
						R7003	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R5091	1-218-953-11	METAL CHIP	1K	5%	1/16W						(DZ340/DZ640K/DZ740)
R5094	1-218-941-81	METAL CHIP	100	5%	1/16W	R7004	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R5095	1-218-941-81	METAL CHIP	100	5%	1/16W						(DZ340/DZ640K/DZ740)
R5096	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7005	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R5097	1-218-941-81	METAL CHIP	100	5%	1/16W						(DZ340/DZ640K/DZ740)
R5098	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7006	1-218-941-81	METAL CHIP	100	5%	1/16W
R5099	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7008	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5102	1-218-941-81	METAL CHIP	100	5%	1/16W						(DZ340/DZ640K/DZ740)
R5103	1-218-941-81	METAL CHIP	100	5%	1/16W	R7009	1-218-285-11	METAL CHIP	75	5%	1/10W
R5105	1-234-372-11	RES, NETWORK 100X4 (1005)									(DZ340/DZ640K/DZ740)
R5111	1-218-953-11	METAL CHIP	1K	5%	1/16W	R7010	1-218-285-11	METAL CHIP	75	5%	1/10W
					(DZ340)						(DZ340/DZ640K/DZ740)
R5111	1-218-965-11	METAL CHIP	10K	5%	1/16W	R7011	1-216-815-11	METAL CHIP	330	5%	1/10W
					(DZ340K)						(DZ340/DZ740)
R5111	1-218-969-11	METAL CHIP	22K	5%	1/16W	R7012	1-218-285-11	METAL CHIP	75	5%	1/10W
					(DZ740)						(DZ340/DZ640K/DZ740)
R5111	1-218-971-11	METAL CHIP	33K	5%	1/16W	R7013	1-218-965-11	METAL CHIP	10K	5%	1/16W
					(DZ640K)	R7015	1-218-953-11	METAL CHIP	1K	5%	1/16W
R5112	1-218-973-11	METAL CHIP	47K	5%	1/16W						
					(DZ340K: EXCEPT E12/DZ640K/DZ740)	R7017	1-216-815-11	METAL CHIP	330	5%	1/10W
											(DZ340/DZ740)
R5201	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7018	1-216-845-11	METAL CHIP	100K	5%	1/10W
R5203	1-218-973-11	METAL CHIP	47K	5%	1/16W						(DZ340/DZ740)
R5301	1-216-809-11	METAL CHIP	100	5%	1/10W	R7019	1-216-815-11	METAL CHIP	330	5%	1/10W
R5303	1-216-809-11	METAL CHIP	100	5%	1/10W						(DZ340/DZ740)
R5307	1-234-372-11	RES, NETWORK 100X4 (1005)				R7020	1-216-837-11	METAL CHIP	22K	5%	1/10W
											(DZ340/DZ740)
R5313	1-216-821-11	METAL CHIP	1K	5%	1/10W	R7021	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5391	1-218-965-11	METAL CHIP	10K	5%	1/16W						(DZ340/DZ740)
					(SAF)	R7022	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5555	1-218-953-11	METAL CHIP	1K	5%	1/16W						(DZ340/DZ740)
					(SP, PH, TH)	R7023	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R5555	1-218-959-11	METAL CHIP	3.3K	5%	1/16W						(DZ340/DZ740)
					(E3, SAF, E15)	R7024	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R5555	1-218-963-11	METAL CHIP	6.8K	5%	1/16W						(DZ340/DZ740)
					(E12)	R7025	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R5555	1-218-965-11	METAL CHIP	10K	5%	1/16W						(DZ340/DZ740)
					(EA)	R7027	1-218-941-81	METAL CHIP	100	5%	1/16W
R5555	1-218-971-11	METAL CHIP	33K	5%	1/16W						(DZ340/DZ740)
					(TW)	R7028	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5555	1-218-973-11	METAL CHIP	47K	5%	1/16W						(DZ340/DZ740)
					(E32, AR)	R7029	1-216-808-11	METAL CHIP	82	5%	1/10W
R5556	1-218-961-11	METAL CHIP	4.7K	5%	1/16W						(DZ340K)
					(DZ340/DZ740)	R7029	1-218-285-11	METAL CHIP	75	5%	1/10W
R5556	1-218-965-11	METAL CHIP	10K	5%	1/16W						(DZ340/DZ640K/DZ740)
					(E32, AR)						
R5556	1-218-973-11	METAL CHIP	47K	5%	1/16W						< NETWORK RESISTOR >
					(E3, E12, EA, SAF, TW, E15)	RB1103	1-234-371-21	RES, NETWORK 47X4 (1005)			
R5557	1-216-833-11	METAL CHIP	10K	5%	1/10W	RB1104	1-234-371-21	RES, NETWORK 47X4 (1005)			
R6001	1-216-809-11	METAL CHIP	100	5%	1/10W	RB1105	1-234-371-21	RES, NETWORK 47X4 (1005)			
					(DZ340/DZ740)	RB1106	1-234-371-21	RES, NETWORK 47X4 (1005)			
R6002	1-216-809-11	METAL CHIP	100	5%	1/10W	RB1109	1-234-371-21	RES, NETWORK 47X4 (1005)			
R6007	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R6011	1-218-989-11	METAL CHIP	1M	5%	1/16W	RB1110	1-234-371-21	RES, NETWORK 47X4 (1005)			
R6012	1-218-947-11	METAL CHIP	330	5%	1/16W	RB1111	1-234-371-21	RES, NETWORK 47X4 (1005)			
R6016	1-216-864-11	SHORT CHIP	0			RB1112	1-234-400-21	CONDUCTOR, NETWORK 0X4 (1005)			
R6027	1-234-371-21	RES, NETWORK 47X4 (1005)				RB1113	1-234-400-21	CONDUCTOR, NETWORK 0X4 (1005)			
R6033	1-216-833-11	METAL CHIP	10K	5%	1/10W	RB1114	1-234-370-21	RES, NETWORK 22X4 (1005)			
						RB1115	1-234-370-21	RES, NETWORK 22X4 (1005)			

HBD-DZ340/DZ340K/DZ640K/DZ740

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MAIN MS-203 PANEL

Ref. No.	Part No.	Description	Remark
< TERMINAL BOARD >			
TB3002	1-780-818-11	TERMINAL BOARD (SPEAKER) 2P (SPEAKERS (SUB L, SUB R))	
TB3901	1-780-884-11	TERMINAL BOARD (SPEAKER) 4P (SPEAKERS (FRONT L, FRONT R, CENTER, SUBWOOFER))	
< VARISTOR >			
VDR102	1-805-774-21	VARISTOR, CHIP	
VDR103	1-805-774-21	VARISTOR, CHIP	
< VIBRATOR >			
X1101	1-814-380-11	VIBRATOR, CRYSTAL (27MHz)	
X3001	1-814-414-11	QUARTZ CRYSTAL UNIT (24.576MHz)	
X5001	1-781-472-21	VIBRATOR, CERAMIC (8MHz)	
X6001	1-814-414-11	QUARTZ CRYSTAL UNIT (24.576MHz)	

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-1804-403-A	PANEL BOARD, COMPLETE (DZ340)	
	A-1804-405-A	PANEL BOARD, COMPLETE (DZ340K/DZ640K)	
	A-1804-406-A	PANEL BOARD, COMPLETE (DZ740)	

< CAPACITOR >			
C201	1-100-909-11	CERAMIC CHIP 10uF	10% 6.3V
C202	1-114-323-11	CERAMIC CHIP 0.01uF	10% 50V
C203	1-162-964-11	CERAMIC CHIP 0.001uF	10% 50V
			(DZ340K/DZ640K)
C206	1-162-964-11	CERAMIC CHIP 0.001uF	10% 50V
			(DZ340K/DZ640K)
C207	1-162-964-11	CERAMIC CHIP 0.001uF	10% 50V
			(DZ340K/DZ640K)
C208	1-162-964-11	CERAMIC CHIP 0.001uF	10% 50V
			(DZ340K/DZ640K)
C209	1-165-908-11	CERAMIC CHIP 1uF	10% 10V
C210	1-165-908-11	CERAMIC CHIP 1uF	10% 10V
C212	1-165-908-11	CERAMIC CHIP 1uF	10% 10V
C213	1-126-791-11	ELECT 10uF	20% 35V
			(DZ340K/DZ640K)
C214	1-112-780-11	CERAMIC CHIP 0.47uF	10% 16V
			(DZ340K/DZ640K)
C215	1-126-791-11	ELECT 10uF	20% 35V
			(DZ340K/DZ640K)
C216	1-165-908-11	CERAMIC CHIP 1uF	10% 10V
C219	1-162-923-11	CERAMIC CHIP 47PF	5% 50V
			(DZ340K/DZ640K)
C220	1-126-791-11	ELECT 10uF	20% 35V
			(DZ340K/DZ640K)
C221	1-164-315-11	CERAMIC CHIP 470PF	5% 50V
			(DZ340K/DZ640K)
* C222	1-112-298-91	CERAMIC CHIP 1uF	10% 16V
			(DZ340K/DZ640K)
* C223	1-112-298-91	CERAMIC CHIP 1uF	10% 16V
			(DZ340K/DZ640K)

Ref. No.	Part No.	Description	Remark
C224	1-162-960-11	CERAMIC CHIP 220PF 10% 50V (DZ340K/DZ640K)	
C225	1-164-315-11	CERAMIC CHIP 470PF 5% 50V (DZ340K/DZ640K)	
C226	1-126-794-11	ELECT 4.7uF 20% 50V (DZ340K/DZ640K)	
C228	1-162-960-11	CERAMIC CHIP 220PF 10% 50V (DZ340K/DZ640K)	
C229	1-126-791-11	ELECT 10uF 20% 35V (DZ340K/DZ640K)	
C230	1-114-325-11	CERAMIC CHIP 0.1uF 10% 25V (DZ340K/DZ640K)	
C232	1-126-382-11	ELECT 100uF 20% 16V (DZ340K/DZ640K)	
C233	1-114-325-11	CERAMIC CHIP 0.1uF 10% 25V (DZ340K/DZ640K)	
C234	1-114-325-11	CERAMIC CHIP 0.1uF 10% 25V (DZ340K/DZ640K)	
C235	1-126-791-11	ELECT 10uF 20% 35V (DZ340K/DZ640K)	
C236	1-114-325-11	CERAMIC CHIP 0.1uF 10% 25V (DZ340K/DZ640K)	
C237	1-126-791-11	ELECT 10uF 20% 35V (DZ340K/DZ640K)	
C238	1-126-382-11	ELECT 100uF 20% 16V (DZ340K/DZ640K)	
C240	1-126-794-11	ELECT 4.7uF 20% 50V (DZ340K/DZ640K)	
C241	1-126-382-11	ELECT 100uF 20% 16V	
C243	1-114-325-11	CERAMIC CHIP 0.1uF 10% 25V	
C245	1-114-323-11	CERAMIC CHIP 0.01uF 10% 50V	
C246	1-114-323-11	CERAMIC CHIP 0.01uF 10% 50V	
C247	1-114-324-11	CERAMIC CHIP 0.022uF 10% 50V	
C248	1-114-323-11	CERAMIC CHIP 0.01uF 10% 50V	
C249	1-119-943-11	ELECT 47uF 20% 50V	
C250	1-114-325-11	CERAMIC CHIP 0.1uF 10% 25V	
C254	1-100-909-11	CERAMIC CHIP 10uF 10% 6.3V	
C255	1-114-325-11	CERAMIC CHIP 0.1uF 10% 25V	
C258	1-162-974-11	CERAMIC CHIP 0.01uF 50V	
< CONNECTOR >			
CN201	1-779-283-11	CONNECTOR, FFC (LIF (NON-ZIF)) 15P (DZ340K/DZ640K)	
CN202	1-564-720-11	PIN, CONNECTOR (SMALL TYPE) 4P	
CN203	1-564-718-11	PIN, CONNECTOR (SMALL TYPE) 2P (DZ340K/DZ640K/DZ740)	
CN206	1-779-281-11	CONNECTOR, FFC (LIF (NON-ZIF)) 13P (DZ340/DZ740)	
< DIODE >			
D201	6-502-961-01	DIODE DA2J10100L	
D202	6-500-848-01	DIODE MC2840-T112-1 (DZ340K/DZ640K)	
D203	6-502-469-01	LED SLI-325URT31WR (REC TO USB)	
D204	6-501-579-01	DIODE MC2837	
D205	6-501-579-01	DIODE MC2837	
D207	6-502-963-01	DIODE DZ2J04700L	
< FERRITE BEAD >			
FB201	1-500-236-22	BEAD, FERRITE (CHIP) (1608) (DZ340K/DZ640K)	
FB202	1-500-236-22	BEAD, FERRITE (CHIP) (1608) (DZ340K/DZ640K)	
FB203	1-500-236-22	BEAD, FERRITE (CHIP) (1608) (DZ340K/DZ640K)	

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		< IC >		R224	1-216-813-11	METAL CHIP 220 5% 1/10W	
IC201	6-600-767-01	IC PNA4823M02S0 (IR)		R226	1-216-833-11	METAL CHIP 10K 5% 1/10W	
IC202	6-715-134-01	IC MM3404A33URE				(DZ340K/DZ640K)	
IC203	6-716-462-01	IC BD00GA3WEFJ-E2		R227	1-216-821-11	METAL CHIP 1K 5% 1/10W	
IC204	6-713-989-01	IC NJM2783V(Te2) (DZ340K/DZ640K)				(DZ340K/DZ640K)	
IC205	8-759-100-96	IC uPC4558G2 (DZ340K/DZ640K)		R228	1-216-837-11	METAL CHIP 22K 5% 1/10W	
						(DZ340K/DZ640K)	
IC206	6-701-729-01	IC PT6315		R229	1-216-821-11	METAL CHIP 1K 5% 1/10W	
						(DZ340K/DZ640K)	
		< JACK >		R230	1-216-821-11	METAL CHIP 1K 5% 1/10W	
J201	1-819-878-31	JACK (MIC) (DZ340K/DZ640K)				(DZ340K/DZ640K)	
J202	1-819-878-31	JACK (AUDIO IN) (DZ340K/DZ640K)		R231	1-216-837-11	METAL CHIP 22K 5% 1/10W	
						(DZ340K/DZ640K)	
		< JUMPER RESISTOR >		R232	1-216-853-11	METAL CHIP 470K 5% 1/10W	
JR201	1-216-296-11	SHORT CHIP 0				(DZ340K/DZ640K)	
JR202	1-216-295-91	SHORT CHIP 0		R233	1-216-833-11	METAL CHIP 10K 5% 1/10W	
JR203	1-216-296-11	SHORT CHIP 0				(DZ340K/DZ640K)	
JR206	1-216-296-11	SHORT CHIP 0		R234	1-216-811-11	METAL CHIP 150 5% 1/10W	
JR208	1-216-296-11	SHORT CHIP 0					
JR210	1-216-296-11	SHORT CHIP 0		R235	1-216-835-11	METAL CHIP 15K 5% 1/10W	
						(DZ340K/DZ640K)	
		< COIL >		R236	1-216-864-11	SHORT CHIP 0 (DZ340K/DZ640K)	
* L202	1-481-381-21	INDUCTOR 100uH		R238	1-216-821-11	METAL CHIP 1K 5% 1/10W	
L204	1-457-652-11	INDUCTOR 47uH				(DZ340K/DZ640K)	
L205	1-481-524-11	INDUCTOR 10uH		R239	1-216-821-11	METAL CHIP 1K 5% 1/10W	
						(DZ340K/DZ640K)	
		< VACUUM FLUORESCENT DISPLAY >		R240	1-216-864-11	SHORT CHIP 0 (DZ340K/DZ640K)	
ND201	1-483-358-11	VACUUM FLUORESCENT DISPLAY					
		< TRANSISTOR >		R241	1-216-821-11	METAL CHIP 1K 5% 1/10W	
Q201	8-729-027-50	TRANSISTOR DTC123JKA-T146		R242	1-216-833-11	METAL CHIP 10K 5% 1/10W	
		(DZ340K/DZ640K/DZ740)		R243	1-216-837-11	METAL CHIP 22K 5% 1/10W	
Q202	8-729-038-37	TRANSISTOR RT1N141M-TP-1		R244	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	
Q203	6-552-713-01	TRANSISTOR QS5W2TR				(DZ340K/DZ640K)	
				R245	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	
						(DZ340K/DZ640K)	
		< RESISTOR >		R246	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	
R202	1-216-805-11	METAL CHIP 47 5% 1/10W		R247	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	
R206	1-216-821-11	METAL CHIP 1K 5% 1/10W		R248	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
		(DZ340K/DZ640K/DZ740)		R252	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R208	1-216-821-11	METAL CHIP 1K 5% 1/10W		R253	1-216-805-11	METAL CHIP 47 5% 1/10W	
R209	1-216-845-11	METAL CHIP 100K 5% 1/10W					
		(DZ340K/DZ640K)		R254	1-216-805-11	METAL CHIP 47 5% 1/10W	
R210	1-216-821-11	METAL CHIP 1K 5% 1/10W		R256	1-216-809-11	METAL CHIP 100 5% 1/10W	
R211	1-216-817-11	METAL CHIP 470 5% 1/10W		R257	1-216-809-11	METAL CHIP 100 5% 1/10W	
		(DZ340K/DZ640K)		R258	1-216-809-11	METAL CHIP 100 5% 1/10W	
R212	1-216-845-11	METAL CHIP 100K 5% 1/10W		R259	1-216-844-11	METAL CHIP 82K 5% 1/10W	
		(DZ340K/DZ640K)					
R213	1-216-845-11	METAL CHIP 100K 5% 1/10W				< SWITCH >	
		(DZ340K/DZ640K)		S201	1-771-410-21	SWITCH, TACTILE (REC TO USB)	
R214	1-216-817-11	METAL CHIP 470 5% 1/10W		S202	1-480-136-41	ENCODER, ROTARY (12 TYPE) (VOLUME)	
		(DZ340K/DZ640K)					
R215	1-216-817-11	METAL CHIP 470 5% 1/10W				< TRANSFORMER >	
		(DZ340K/DZ640K)		T201	1-445-998-11	TRANSFORMER, DC-DC CONVERTER	

R216	1-216-813-11	METAL CHIP 220 5% 1/10W					
R217	1-216-813-11	METAL CHIP 220 5% 1/10W					
R218	1-216-813-11	METAL CHIP 220 5% 1/10W					
R219	1-216-813-11	METAL CHIP 220 5% 1/10W					
R220	1-218-871-11	METAL CHIP 10K 0.5% 1/10W					
R221	1-218-867-11	METAL CHIP 6.8K 0.5% 1/10W					
R222	1-218-887-11	METAL CHIP 47K 0.5% 1/10W					
R223	1-216-813-11	METAL CHIP 220 5% 1/10W					

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POWER

Ref. No.	Part No.	Description	Remark			
	A-1804-586-A	POWER BOARD, COMPLETE (DZ340/DZ740)				
	A-1804-587-A	POWER BOARD, COMPLETE (DZ340K: SAF/DZ640K: SP)				
	A-1804-588-A	POWER BOARD, COMPLETE (DZ340K: AR, PH, SP/DZ640K: PH, TH)				
	A-1804-589-A	POWER BOARD, COMPLETE (EA, TW)				
	A-1804-590-A	POWER BOARD, COMPLETE (E32)				
	A-1804-592-A	POWER BOARD, COMPLETE (E3, E12, E15) *****				
	7-685-647-71	SCREW +BVTP 3X10 TYPE2 IT-3 < CAPACITOR >				
△ C901	1-114-594-11	FILM 0.22uF 10% 250V				
△ C902	1-114-594-11	FILM 0.22uF 10% 250V (DZ340/DZ340K: SAF/DZ640K: SP/DZ740)				
△ C902	1-116-397-21	FILM 0.33uF 10% 250V (EA, TW)				
△ C903	1-114-346-21	ELECT(BLOCK) 330uF 20% 400V (DZ340/DZ740)				
△ C903	1-114-347-22	ELECT(BLOCK) 330uF 20% 450V (DZ340K/DZ640K)				
△ C905	1-116-393-11	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	1-135-371-31	ELECT 56uF 20% 50V				
C909	1-162-960-11	CERAMIC CHIP 220PF 10% 50V				
C910	1-126-965-91	ELECT 22uF 20% 50V (EXCEPT E32, EA, TW)				
C910	1-126-967-11	ELECT 47uF 20% 50V (E32, EA, TW)				
C911	1-100-912-11	CERAMIC CHIP 1uF 10% 25V				
C912	1-165-746-31	ELECT 22uF 20% 50V				
C916	1-100-912-11	CERAMIC CHIP 1uF 10% 25V				
△ C918	1-112-871-51	CERAMIC 0.0022uF 20% 250V (DZ340/DZ340K: EA, SAF, TW/ DZ640K: EA, SP/DZ740)				
△ C920	1-112-871-51	CERAMIC 0.0022uF 20% 250V (DZ340/DZ340K: EA, SAF, TW/ DZ640K: EA, SP/DZ740)				
△ C921	1-117-220-81	CERAMIC 150PF 5% 2KV				
C922	1-112-746-11	CERAMIC CHIP 4.7uF 10% 6.3V				
C923	1-162-959-11	CERAMIC CHIP 330PF 5% 50V				
△ C924	1-116-393-11	FILM 0.0033uF 5% 400V				
C925	1-114-325-11	CERAMIC CHIP 0.1uF 10% 25V				
△ C926	1-107-930-91	ELECT 22uF 20% 100V				
C927	1-112-223-11	ELECT 3300uF 20% 10V				
C928	1-112-229-11	ELECT 1500uF 20% 16V				
C929	1-112-241-21	ELECT 1000uF 20% 25V				
C930	1-112-254-11	ELECT 1000uF 20% 35V (DZ340/DZ740)				
C931	1-112-254-11	ELECT 1000uF 20% 35V (DZ340/DZ740)				
C932	1-114-994-11	ELECT 2200uF 20% 35V (DZ340K/DZ640K)				
C933	1-114-994-11	ELECT 2200uF 20% 35V (DZ340K/DZ640K)				
C935	1-112-256-11	ELECT 1500uF 20% 35V (E3, E12, EA, TW, E15)				
C935	1-116-856-11	ELECT 1000uF 20% 35V (E32, AR, SAF, SP, PH, TH)				
C935	1-126-952-11	ELECT 1000uF 20% 35V (DZ340/DZ740)				
C936	1-114-323-11	CERAMIC CHIP 0.01uF 10% 50V				

Ref. No.	Part No.	Description	Remark			
C937	1-116-077-11	CERAMIC CHIP	0.047uF	10%	50V	
△ C938	1-112-869-51	CERAMIC	470PF	10%	250V	
C939	1-136-165-00	FILM	0.1uF	5%	50V	
C940	1-112-228-21	ELECT	1000uF	20%	16V	
				(DZ340K/DZ640K)		
C941	1-114-323-11	CERAMIC CHIP	0.01uF	10%	50V	
C944	1-112-226-21	ELECT	470uF	20%	16V	
				(DZ340/DZ740)		
C950	1-114-868-11	CERAMIC CHIP	0.1uF	10%	50V	
C951	1-126-947-11	ELECT	47uF	20%	35V	
C952	1-126-947-11	ELECT	47uF	20%	35V	
C953	1-126-933-11	ELECT	100uF	20%	16V	
C955	1-126-933-11	ELECT	100uF	20%	16V	
C956	1-126-923-91	ELECT	220uF	20%	10V	
△ C963	1-112-867-51	CERAMIC	220PF	10%	250V	
				(DZ340K: E3, E12, E32, AR, PH, SP, TH/ DZ640K: E3, E12, E15, PH, TH)		
△ C963	1-112-869-51	CERAMIC	470PF	10%	250V	
				(DZ340/DZ340K: EA, SAF, TW/ DZ640K: EA, SP/DZ740)		
△ C964	1-112-867-51	CERAMIC	220PF	10%	250V	
				(DZ340K: E3, E12, E32, AR, PH, SP, TH/ DZ640K: E3, E12, E15, PH, TH)		
△ C964	1-112-869-51	CERAMIC	470PF	10%	250V	
				(DZ340/DZ340K: EA, SAF, TW/ DZ640K: EA, SP/DZ740)		
C970	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V	
C971	1-114-325-11	CERAMIC CHIP	0.1uF	10%	25V	
C981	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V	
C983	1-116-077-11	CERAMIC CHIP	0.047uF	10%	50V	
C984	1-114-323-11	CERAMIC CHIP	0.01uF	10%	50V	
C990	1-114-868-11	CERAMIC CHIP	0.1uF	10%	50V	
C991	1-114-868-11	CERAMIC CHIP	0.1uF	10%	50V	
C992	1-114-868-11	CERAMIC CHIP	0.1uF	10%	50V	
C993	1-114-868-11	CERAMIC CHIP	0.1uF	10%	50V	
△ C994	1-112-867-51	CERAMIC	220PF	10%	250V	
				(DZ340/DZ340K: EA, SAF, TW/ DZ640K: EA, SP/DZ740)		
C998	1-114-322-11	CERAMIC CHIP	0.0047uF	10%	50V	
C999	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
< CONNECTOR >						
CN901	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P				
CN902	1-785-102-11	PIN, CONNECTOR (3.96mm PITCH) 4P				
* CN905	1-564-512-11	PLUG, CONNECTOR 9P				
< DIODE >						
△ D901	8-719-082-57	DIODE	D5SBA60F01			
D904	6-502-961-01	DIODE	DA2J10100L			
D906	6-502-961-01	DIODE	DA2J10100L			
D907	6-502-961-01	DIODE	DA2J10100L			
D908	6-502-961-01	DIODE	DA2J10100L			
D909	6-502-961-01	DIODE	DA2J10100L			
D910	6-502-961-01	DIODE	DA2J10100L			
△ D913	6-500-241-01	DIODE	SARS03			
D914	6-502-961-01	DIODE	DA2J10100L			
D931	6-501-849-01	DIODE	FMX-22SL			
△ D943	8-719-080-53	DIODE	RK36LF-B3			
△ D944	8-719-080-53	DIODE	RK36LF-B3			
△ D945	8-719-080-59	DIODE	EK19-V0			
D947	8-719-030-25	DIODE	EG01CV0			
△ D948	8-719-080-59	DIODE	EK19-V0			

Ver. 1.1

POWER KEY81

HBD-DZ340/DZ340K/DZ640K/DZ740

Ver. 1.1

SCART USB

Ref. No.	Part No.	Description	Remark
		SCART BOARD (DZ340/DZ740)	

		< CAPACITOR >	
C401	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C402	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C403	1-137-710-91	CERAMIC CHIP 10uF 20% 6.3V	
C404	1-137-710-91	CERAMIC CHIP 10uF 20% 6.3V	
C406	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V	
C407	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V	
C408	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C409	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C410	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C411	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C412	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C413	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C414	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V	
		< CONNECTOR >	
CN401	1-816-044-11	CONNECTOR, SQUARE TYPE 21P (EURO AV/VIDEO OUTPUT (TO TV))	
CN402	1-779-548-21	CONNECTOR, FFC (LIF (NON-ZIF)) 11P	
		< JUMPER RESISTOR >	
JW404	1-216-864-11	SHORT CHIP 0	
JW405	1-216-864-11	SHORT CHIP 0	
		< RESISTOR >	
R401	1-216-845-11	METAL CHIP 100K 5% 1/10W	
R402	1-216-845-11	METAL CHIP 100K 5% 1/10W	
R403	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R404	1-216-821-11	METAL CHIP 1K 5% 1/10W	

	A-1804-412-A	USB BOARD, COMPLETE	

		< CAPACITOR >	
C801	1-114-325-11	CERAMIC CHIP 0.1uF 10% 25V	
		< CONNECTOR >	
CN801	1-822-423-11	CONNECTOR, USB (A) 4P (USB)	
CN802	1-564-707-11	PIN, CONNECTOR (SMALL TYPE) 5P	

Ref. No.	Part No.	Description	Remark
		MISCELLANEOUS	

104	1-835-400-21	CABLE, FLEXIBLE FLAT (15 CORE) (DZ340K/DZ640K)	
104	1-839-029-21	CABLE, FLEXIBLE FLAT (13 CORE) (DZ340/DZ740)	
152	1-832-572-21	CABLE, FLEXIBLE FLAT (13 CORE) (DZ340K/DZ640K)	
155	1-832-561-21	CABLE, FLEXIBLE FLAT (11 CORE) (DZ340/DZ740)	
157	1-832-582-21	CABLE, FLEXIBLE FLAT (15 CORE) (DZ340/DZ740)	
△ 159	1-834-288-12	CORD, POWER (TH)	
△ 159	1-834-966-41	CORD, POWER-SUPPLY (AEP, E3, E15, E32, PH, SAF, SP)	
△ 159	1-837-309-21	CORD, POWER-SUPPLY (EA)	
△ 159	1-837-312-11	CORD, POWER-SUPPLY (AR)	
△ 159	1-837-345-11	CORD, POWER-SUPPLY (TW)	
△ 159	1-839-012-11	CORD, POWER-SUPPLY (E12)	
△ 160	1-569-008-33	ADAPTOR, CONVERSION (E32, PH)	
204	1-832-539-21	CABLE, FLEXIBLE FLAT (5 CORE)	
△ 257	8-820-321-12	OPTICAL PICK-UP (KHM313CAA/C2RP1)	
258	1-838-443-11	FLEXIBLE FLAT CABLE 24P	
FAN3001	1-855-048-11	DC FAN (40mm)	

MEMO

REVISION HISTORY

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