

DAV-DZ555K/DZ556KB/ DZ750K

SERVICE MANUAL

Ver. 1.2 2007.06

E Model
DAV-DZ555K/DZ556KB/DZ750K

Australian Model

DAV-DZ555K/DZ750K

- DAV-DZ555K/DZ556KB/DZ750K are composed of following models.
As for the service manual, it is issued for each component model, then, please refer to them.

COMPONENT MODEL NAME

	DAV-DZ555K	DAV-DZ556KB	DAV-DZ750K
DVD RECEIVER	HCD-DZ555K	HCD-DZ556KB	HCD-DZ750K
FRONT SPEAKER	SS-TS73		SS-TS74
SURROUND SPEAKER	SS-TS71		SS-TS73
CENTER SPEAKER	SS-CT71		
SUB WOOFER	SS-WS72		SS-WS78

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

* Manufactured under license from Dolby Laboratories.

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

** Manufactured under license from DTS, Inc.

“DTS” and “DTS Digital Surround” are registered trademarks of DTS, Inc.

SPECIFICATIONS

General

Power requirements

Mexican models: 120 V AC, 60 Hz

Latin American models: 110 - 240 V AC, 50/60 Hz

Saudi Arabian models: 127 - 240 V AC, 50/60 Hz

Other models: 220 - 240 V AC, 50/60 Hz

Power output (DIGITAL MEDIA PORT)

DC OUT: 5 V, 700 mA

(except for Mexican and Latin American models)

Power consumption

DZ556KB model:

Latin American and Saudi Arabian models:

On: 165 W

Standby: 0.3 W (at the Power Saving mode)

Other models:

On: 150 W

Standby: 0.3 W (at the Power Saving mode)

DZ750K model:

On: 160 W

Standby: 0.3 W (at the Power Saving mode)

Dimensions (approx.)

430 × 63 × 380 mm (w/h/d) incl. projecting parts

Mass (approx.)

DZ555K/DZ556KB: 4.1 kg
DZ750K: 4.2 kg

Unpacking

• Front speakers (2)

• Center speaker (1)

• Surround speakers (2)

• Subwoofer (1)

• AM loop antenna (aerial) (1)

• FM wire antenna (aerial) (1)

• Speaker cords (6, red/white/green/gray/blue/purple)

• Video Cord (1)

• Remote Commander (remote) (1)

• R6 (size AA) batteries (2)

• Calibration mic (1)

• Foot pads (1 set)

• Posts (Short, 2)(DZ750K model)

• Posts (long, 2)

• Bases (large, 2)(DZ750K model)

• Bases (small, 2)

• Mounting plates (DZ555K/DZ556KB: 2, DZ750K: 4)

• Post covers (DZ555K/DZ556KB: 2, DZ750K: 4)

• Screws (large, with washer) (DZ555K/DZ556KB: 8, DZ750K: 16)

• Screws (small, silver) (DZ555K/DZ556KB: 4, DZ750K: 8)

• Screws (small, black) (DZ555K/DZ556KB: 2, DZ750K: 4)

• Parallel blade plug (Type A) (1) (Saudi Arabian model only)

• Operating Instructions

• HDMI CONTROL Guide

• Speaker and TV connections (card)

Design and specifications are subject to change without notice.

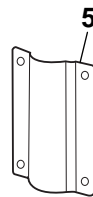
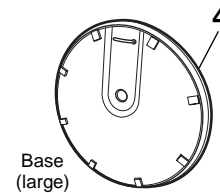
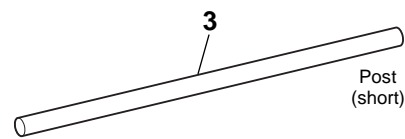
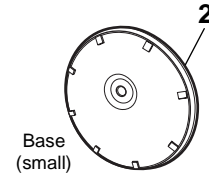
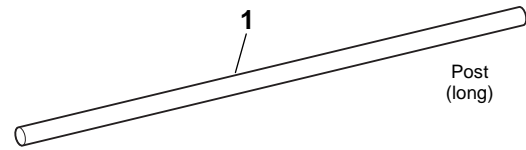
DAV-DZ555K/DZ556KB/DZ750K

Ver. 1.2

PARTS LIST

Ref. No.	Part No.	Description	Remark
		ACCESSORIES	

1	2-896-202-21	PIPE (M)	
2	A-1252-189-A	STAND BASE (M) ASSY (EA)	
2	X-2176-001-1	STAND BASE (M) ASSY (EXCEPT EA)	
3	2-896-202-31	PIPE (H) (DZ750K)	
4	X-2176-002-1	STAND BASE (H) ASSY (DZ750K)	
5	2-896-203-01	BRACKET (PIPE)	
6	2-896-204-01	STAND CAP	
7	2-630-050-01	+BVTT 3X6 (SUMITITE)	
8	7-682-973-19	SCREW +PSW 5X10	
9	7-685-871-09	SCREW +BVTT 3X6 (S)	
10	1-542-670-11	MEASUREMENT MIC (MONO) (Calibration mic) (EXCEPT EA)	
10	1-542-710-11	MEASUREMENT MIC (MONO) (Calibration mic)(EA)	
	1-480-003-11	COMMANDER, STANDARD (RM-ADU006) (Including Battery Case)	
	1-501-374-11	ANTENNA, LOOP (AM) (EXCEPT EA)	
△	1-569-008-22	ADAPTOR, CONVERSION 2P (Parallel blade plug) (EA)	
	1-754-059-12	ANTENNA, LOOP (AM) (EA)	
	1-793-184-23	CONNECTOR (F TYPE ADAPTOR) (FM)	
	1-833-579-11	CORD, CONNECTION (VIDEO, YELLOW 1.2m)	
	1-833-700-11	CORD (WITH CONNECTOR) (SPEAKER) (GREEN 3m/PURPLE 3.5m/RED, WHITE 4.5m/GRAY, BLUE 12m) (DZ555K/DZ556KB)	
	1-833-700-21	CORD (WITH CONNECTOR) (SPEAKER) (GREEN 3m/PURPLE 3.5m/RED, WHITE 4.5m/GRAY, BLUE 12m) (DZ750K)	
	2-639-385-01	FOOT (for Subwoofer)	
	2-895-969-11	MANUAL, INSTRUCTION (ENGLISH) (DZ555K/DZ556KB: E3, E12, E32)	
	2-895-969-21	MANUAL, INSTRUCTION (FRENCH) (DZ555K: SP/DZ556KB: E3)	
	2-895-969-31	MANUAL, INSTRUCTION (SPANISH) (DZ555K: SP/DZ556KB: MX, E32)	
	2-895-969-41	MANUAL, INSTRUCTION (TRADITIONAL CHINESE) (DZ555K: SP)	
	2-895-969-52	MANUAL, INSTRUCTION (ARABIC) (DZ556KB: E3)	
	2-895-969-71	MANUAL, INSTRUCTION (KOREAN) (KR)	
	2-895-973-11	MANUAL, INSTRUCTION (ENGLISH) (DZ750K)	
	2-895-973-21	MANUAL, INSTRUCTION (FRENCH) (DZ750K: SP, E3)	
	2-895-973-31	MANUAL, INSTRUCTION (SPANISH) (DZ750K: SP)	
	2-895-973-41	MANUAL, INSTRUCTION (TRADITIONAL CHINESE) (DZ750K: SP)	
	2-895-973-71	MANUAL, INSTRUCTION (ARABIC) (DZ750K: E3)	
	3-095-060-11	MANUAL, INSTRUCTION (ENGLISH) (EA)	
	3-095-060-21	MANUAL, INSTRUCTION (FRENCH) (EA)	
	3-095-060-51	MANUAL, INSTRUCTION (ARABIC) (EA)	
	3-099-783-31	MANUAL (CEC), INSTRUCTION (ENGLISH/SPANISH)(E32)	
	3-099-783-51	MANUAL (CEC), INSTRUCTION (ENGLISH) (AUS, E12, TH)	
	3-099-783-71	MANUAL (CEC), INSTRUCTION (ENGLISH/FRENCH/ARABIC)(E3)	
	3-099-783-81	MANUAL (CEC), INSTRUCTION (ENGLISH/FRENCH/SPANISH/TRADITIONAL CHINESE)(SP)	
	3-113-418-21	MANUAL (CEC), INSTRUCTION (KOREAN) (KR)	
	3-113-418-31	MANUAL (CEC), INSTRUCTION (SPANISH) (MX)	



Mounting plate



Post cover



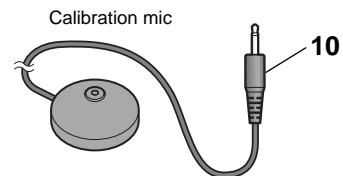
Screw (small, silver)



Screw (large, with washer)



Screw (small, black)



Calibration mic

- Abbreviation
 - AUS : Australian model
 - E3 : 220 – 240V AC area in E model
 - E12 : 220 – 240V AC area in E model
 - E32 : 110 – 240V AC area in E model
 - EA : Saudi Arabia model
 - KR : Korean model
 - MX : Mexican model
 - SP : Singapore model
 - TH : Thai model

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

MEMO

HCD-DZ555K/DZ556KB/ DZ750K

SERVICE MANUAL



Ver. 1.3 2007.07



Photo : HCD-DZ750K

Russian Model

HCD-DZ556KB

E Model

HCD-DZ555K/DZ556KB/DZ750K

Australian Model

HCD-DZ555K/DZ750K

HCD-DZ555K/DZ556KB/DZ750K are the amplifier, DVD/CD and tuner section in DAV-DZ555K/DZ556KB/DZ750K.

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

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Model Name Using Similar Mechanism	HCD-DZ150K
Mechanism Type	CDM85-DVBU102
Optical Pick-up Name	KHM-313CAA

SPECIFICATIONS

Amplifier section

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

Surround mode (reference)

DZ555K/DZ556KB models: RMS output power
FL/FR/C/SL/SR*: 142 watts
(per channel at 3 ohms, 1 kHz, 10 % THD)
Subwoofer*: 140 watts (at 3 ohms, 80 Hz, 10 % THD)

DZ750K model: RMS output power
FL/FR/C/SL/SR*: 143 watts
(per channel at 3 ohms, 1 kHz, 10 % THD)
Subwoofer*: 285 watts (at 1.5 ohms, 80 Hz, 10 % THD)

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

Inputs (Analog)

TV/VIDEO (AUDIO IN) Sensitivity: 450/250 mV

AUDIO IN/MIC 1 Sensitivity:
AUDIO IN 250/125 mV/
MIC 1 1 mV

MIC 2 Sensitivity: 1 mV

DVD system

Laser Semiconductor laser
(DVD: $\lambda \approx 650$ nm)
(CD: $\lambda \approx 790$ nm)
Emission duration: continuous

Signal format system

Mexican and Latin American models:

NTSC

Other models:

NTSC/PAL

Tuner section

System PLL quartz-locked digital synthesizer

FM tuner section
Tuning range 87.5-108.0 MHz (50 kHz step)

Antenna (aerial) FM wire antenna (aerial)

Antenna (aerial) terminals 75 ohms, unbalanced

Intermediate frequency 10.7 MHz

AM tuner section

Tuning range

Mexican, and Latin American models:

530 – 1,710 kHz (with the interval set at 10 kHz)

531 – 1,710 kHz (with the interval set at 9 kHz)

Russian and Middle Eastern models:

531 – 1,602 kHz (with the interval set at 9 kHz)

Australian and New Zealand models:

531 – 1,710 kHz (with the interval set at 9 kHz)

530 – 1,710 kHz (with the interval set at 10 kHz)

Other models: 531 – 1,602 kHz (with the interval set at 9 kHz)

530 – 1,610 kHz (with the interval set at 10 kHz)

Antenna (aerial) AM loop antenna (aerial)

Intermediate frequency 450 kHz

Video section

Outputs VIDEO: 1 Vp-p 75 ohms

S VIDEO:

Y: 1 Vp-p 75 ohms

C: 0.286 Vp-p 75 ohms

COMPONENT:

Y: 1 Vp-p 75 ohms

P_B/C_B, P_R/C_R: 0.7 Vp-p

75 ohms

HDMI OUT: Type A (19 pin)

— Continued on next page —

HCD-DZ555K/DZ556KB/DZ750K

Ver. 1.3

General

Power requirements

Mexican models:	120 V AC, 60 Hz
Latin American models:	110 - 240 V AC, 50/60 Hz
Saudi Arabian models:	127 - 240 V AC, 50/60 Hz
Taiwan models:	120 V AC, 50/60 Hz
Other models:	220 - 240 V AC, 50/60 Hz

Power output (DIGITAL MEDIA PORT)

DC OUT: 5 V, 700 mA
(except for Mexican and Latin American models)

Power consumption

DZ555K, DZ556KB model:

Latin American and Saudi Arabian models:

On: 165 W
Standby: 0.3 W (at the Power Saving mode)

Other models:

On: 150 W
Standby: 0.3 W (at the Power Saving mode)

DZ750K model:

On: 160 W
Standby: 0.3 W (at the Power Saving mode)

Dimensions (approx.)

430 × 103 × 380 mm (w/h/d)
incl. projecting parts

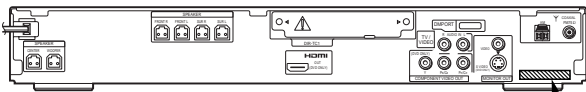
Mass (approx.)

DZ555K/DZ556KB: 4.1 kg
DZ750K: 4.2 kg

Design and specifications are subject to change without notice.

MODEL IDENTIFICATION

– Rear Panel –



Parts No.

Model	Part No.
DZ555K: SP model	2-896-163-0□
DZ555K: TW model	2-896-163-2□
DZ555K: AUS model	2-896-163-3□
DZ555K: KR model	2-896-163-4□
DZ555K: TH model	3-095-152-9□
DZ556KB: E3 model	3-094-633-3□
DZ556KB: MX model	3-094-633-4□
DZ556KB: E32 model	3-094-633-6□
DZ556KB: E12 model	3-094-633-7□
DZ556KB: EA model	3-095-152-5□
DZ556KB: RU model	3-215-699-2□
DZ750K: KR model	2-896-163-1□
DZ750K: E3 model	2-896-163-6□
DZ750K: SP model	2-896-163-7□
DZ750K: AUS model	2-896-163-9□
DZ750K: TH model	3-215-699-3□

• Abbreviation

AUS	: Australian model
E3	: 220 – 240V AC area in E model
E12	: 220 – 240V AC area in E model
E32	: 110 – 240V AC area in E model
EA	: Saudi Arabia model
KR	: Korean model
MX	: Mexican model
RU	: Russian model
SP	: Singapore model
TH	: Thai model
TW	: Taiwan model

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 exterior. (Except for Korean model)

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 the 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.

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.

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 screen and the 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
C 31	The disc is not inserted correctly. ➔ Restart the system, then re-insert the disc correctly.
E XX (xx is a number)	To prevent a malfunction, the system has performed the self-diagnosis function. ➔ Contact your nearest Sony dealer or local authorized Sony service facility and give the 5-character service number. Example: E 61 10

When displaying the version number on the TV screen

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



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		• Abbreviation	
		E32 : 110 – 240V AC area in E model	
		EA : Saudi Arabia model	
		MX : Mexican model	
		TH : Thai model	
		Note: Please show SUPPLEMENT-1 about information for other than	
		EA and TH (DZ555K) models on DMPORT board.	

SECTION 1 SERVICING NOTE

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.


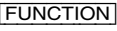


NOTES ON LASER DIODE EMISSION CHECK

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 pick-up block. Therefore, when checking the laser diode emission, observe from more than 30 cm away from the objective lens.



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  button to turn the set on.
2. Press the  button to set DVD function.
3. Insert a disc.
4. Press the  button and the  button simultaneously for five seconds.
5. The message "LOCKED" is displayed and the tray is locked.

Releasing Procedure :

1. Press the  button and the  button simultaneously for five seconds again.
2. The message "UNLOCKED" is displayed and the tray is unlocked.

Note: When "LOCKED" is displayed, the tray lock is not released by turning power on/off with the  button.

On cleaning discs, disc/lens cleaners

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

IMPORTANT NOTICE






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

Projection televisions are especially susceptible to this.

Attention when transported

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

Procedure:

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

Note about CDs/DVDs

The system can play CD-ROMs/CD-Rs/CDRWs recorded in the following formats:

- audio CD format
- VIDEO CD format
- MP3 audio tracks, JPEG image files, and DivX video files of format conforming to ISO 9660 Level 1/Level 2, or its extended format, Joliet

The system can play DVD-ROMs/DVD+RWs/DVD-RWs/DVD+Rs/DVD-Rs recorded in the following formats:

- MP3 audio tracks, JPEG image files, and DivX video files of format conforming to UDF (Universal Disc Format)

Example of discs that the system cannot play

The system cannot play the following discs:

- CD-ROMs/CD-Rs/CD-RWs other than those recorded in the formats listed on "Note about CDs/DVDs"
- CD-ROMs recorded in PHOTO CD format
- Data part of CD-Extras
- DVD Audios
- Super Audio CD
- DATA DVDs that do not contain MP3 audio tracks, JPEG image files, or DivX video files
- DVD-RAMs

Also, the system cannot play the following discs:

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

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

In some cases, CD-R/CD-RW/DVD-R/DVD-RW/DVD+R/DVD+RW cannot be played on this system due to the recording quality or physical condition of the disc, or the characteristics of the recording device and authoring software.

The disc will not play if it has not been correctly finalized. For more information, see the operating instructions for the recording device.

Note that some playback functions may not work with some DVD+RWs/DVD+Rs, even if they have been correctly finalized. In this case, view the disc by normal playback. Also some DATA CDs/DATA DVDs created in Packet Write format cannot be played.

Copyrights

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

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

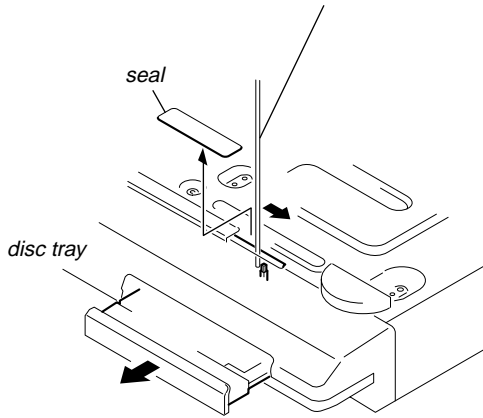
* Manufactured under license from Dolby Laboratories. "Dolby", "Pro Logic", and the double-D symbol are trademarks of Dolby Laboratories.

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

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.

Peel off the seal and so the lever is moved in the direction of the arrow with the thin rod.



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

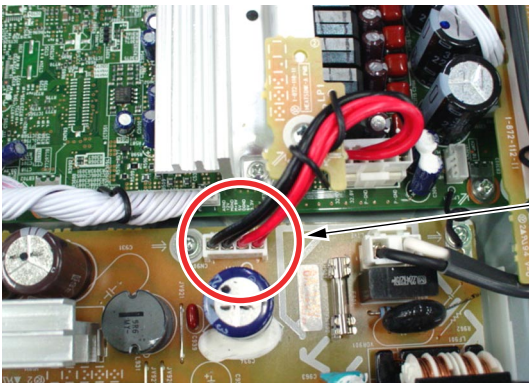
When disassembling the machine, be sure to discharge the charged electricity in the following capacitors. Use a resistor of 800 ohms, 2 Watts for discharging the following capacitors.

POWER board

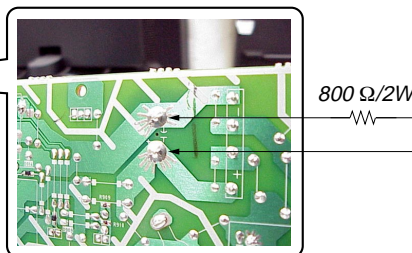
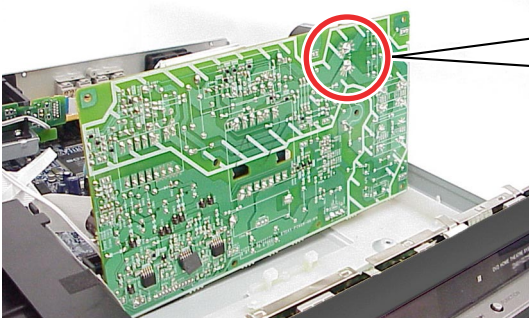
C903: 440 V (Except Mexican and Taiwan models) / 240 V (Mexican model) / 190 V (Taiwan model)
C932, C933, C934, CN904: 30 V

MAIN board

CN3002: 30 V



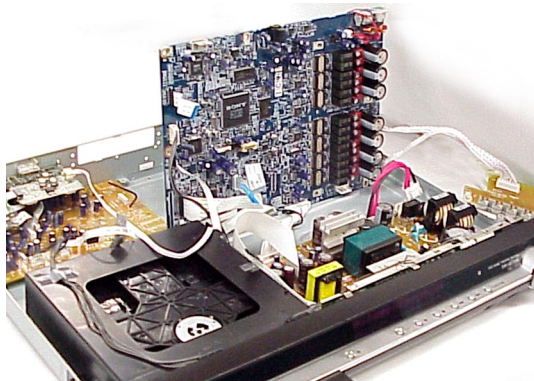
Point of capacitor discharge for C932, C933, C934:
Connect to the red and black wire of CN904



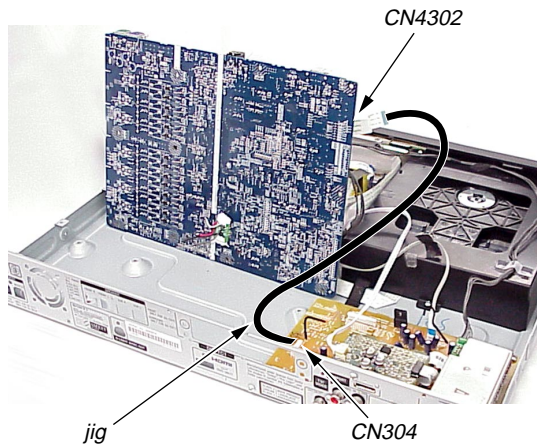
Point of capacitor discharge for C903:
Connect to the foot of CN903

MAIN board service position

Please take the above-mentioned position in the repair of MAIN board.
 In that case, it is necessary the following extension cable during CN304 on IO-S-OUT board and CN4302 on MAIN board.



jig P/N: J-2501-242-A
 (pitch 1.00 mm/11p/length 300 mm)

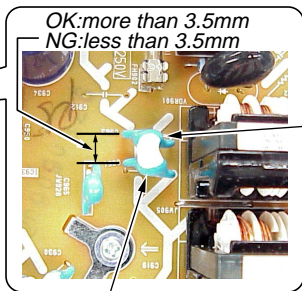
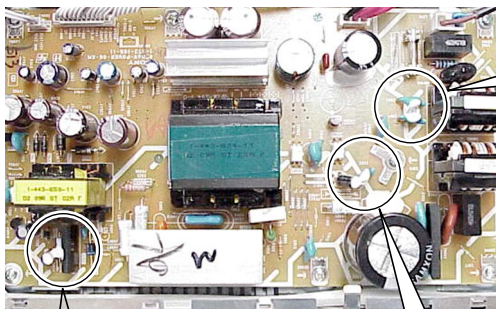


Parts that require fixing using adhesive agent

The following parts on the POWER board must be fixed by using the adhesive agent (such as Sony Bond Master) as it is specified by Safety Regulations. When any part or printed circuit board is replaced during repair work, be sure to confirm that the following capacitors and resistors are fixed by using the adhesive agent (such as Sony Bond Master) without fail.

- POWER board:
- C924 and R927 (refer to below fig.)
 - C913 (Push down to C903 side and so fix.)
 - C910 and C930 (refer to below fig.)
 - EB905 side of C903
 - EB905 side of C934
 - C964 and C963 (refer to below fig.)
 - Space between C933 and C932
 - C908 and Q901 (Don't touch IC901.)

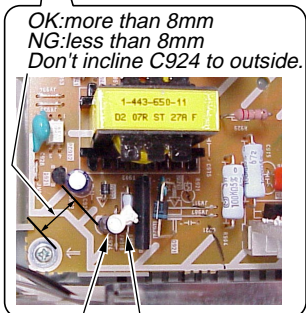
POWER BOARD



OK: more than 3.5mm
 NG: less than 3.5mm

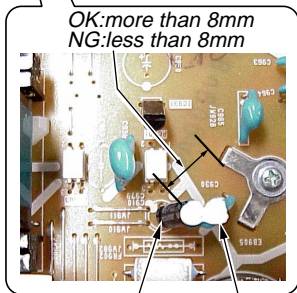
C963

C964



OK: more than 8mm
 NG: less than 8mm
 Don't incline C924 to outside.

C924 R927

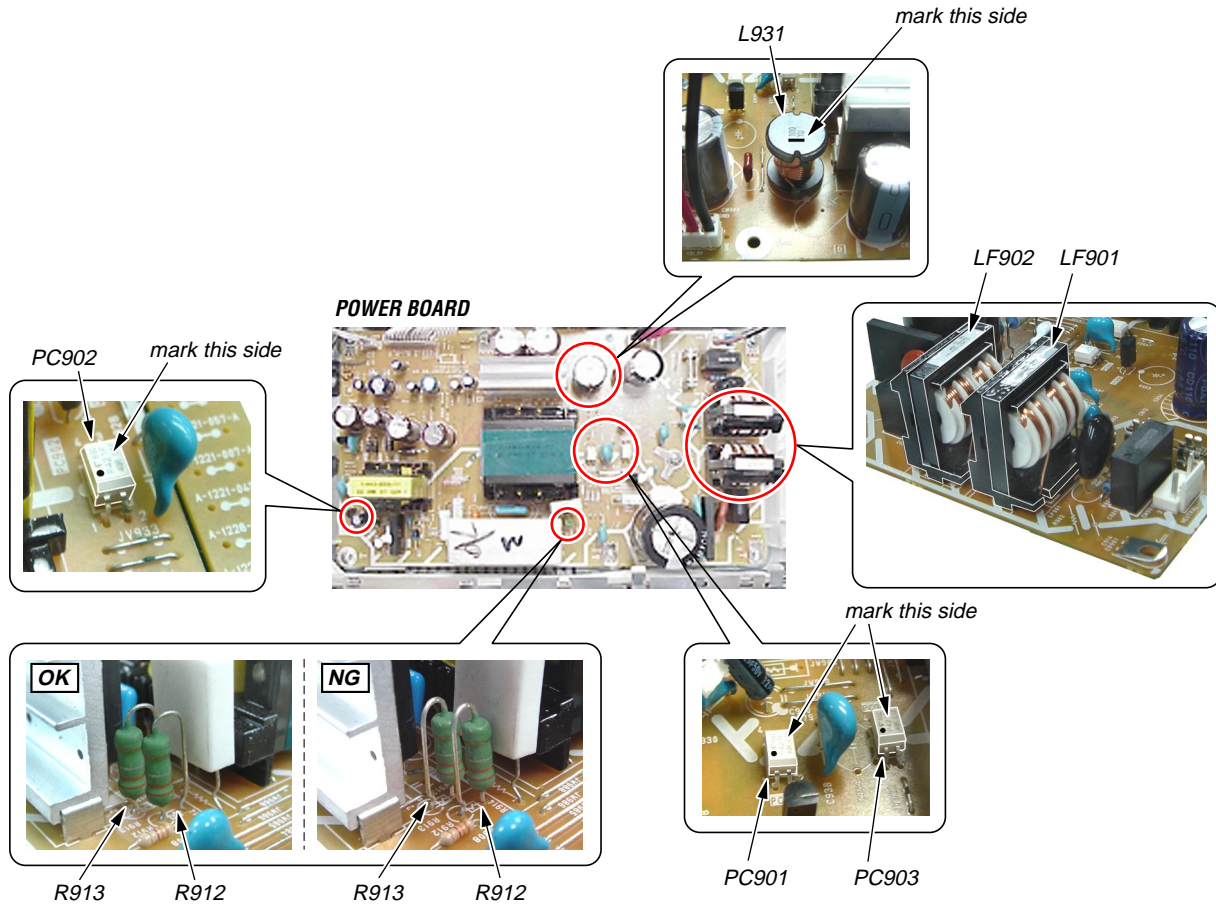


OK: more than 8mm
 NG: less than 8mm

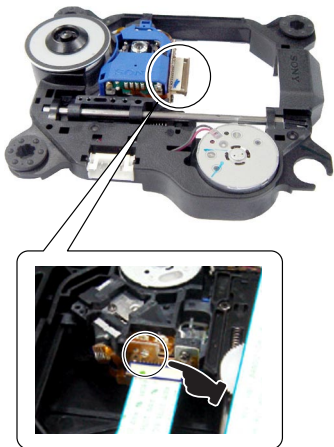
C910 C930

Attention of the direction at replacement

Please defend and install the direction of the below fig in the following parts on the POWER board.



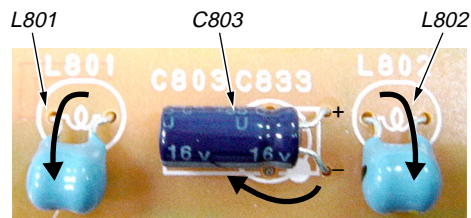
Precaution when installing a new OP unit / Precaution before unsoldering the static electricity prevention solder bridge



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.)

Note on replacement of C803, C802, L801, and L802

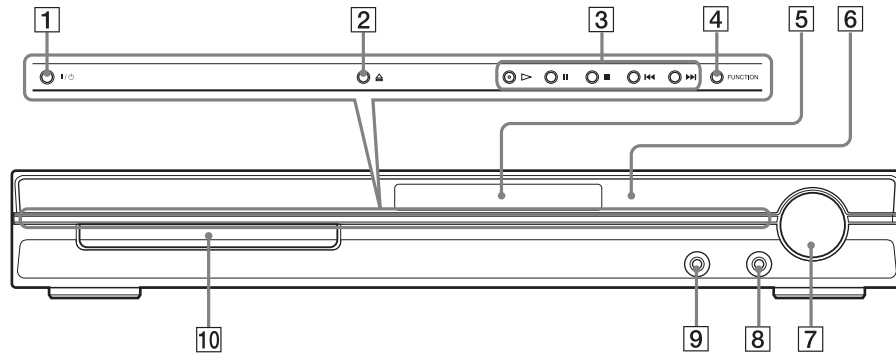
Please fold in the direction of the arrow and set up at replacement of C803, C802, L801, and L802 on FL board.



**SECTION 2
GENERAL**

This section is extracted from instruction manual.

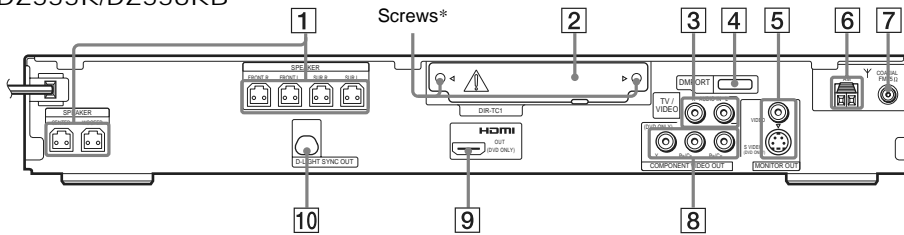
Front panel



- | | |
|------------------------------------|---|
| 1 I/⏻ (on/standby) (31) | 7 VOLUME control (31) |
| 2 ≡ (open/close) (31) | 8 MIC 2 jack (64) |
| 3 Disc operation (31) | 9 AUDIO IN/MIC 1/A.CAL MIC jack (20, 29, 64) |
| 4 FUNCTION (31) | 10 Disc tray (31) |
| 5 Front panel display (101) | |
| 6 (remote sensor) (9) | |

Rear panel

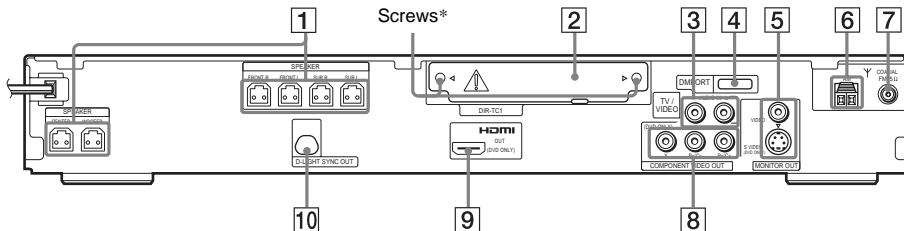
DZ555K/DZ556KB



- | | |
|---|--|
| 1 SPEAKER jacks (15) | 8 COMPONENT VIDEO OUT jacks (25) |
| 2 DIR-TC1 slot for the WAHT-SD1 (29) | 9 HDMI OUT jack (25) |
| 3 TV/VIDEO (AUDIO IN R/L) jacks (29) | 10 D-LIGHT SYNC OUT jack (29)
(Singaporean, Mexican, and Latin American models only)
(Terminals for TH destination are same as those for SP destination.) |
| 4 DMPORT (DIGITAL MEDIA PORT) jack (except for Mexican and Latin American models) (29, 69) | |
| 5 MONITOR OUT (S VIDEO/VIDEO) jacks (25) | |
| 6 AM terminal (15) | |
| 7 COAXIAL FM 75Ω jack (15) | |

* CAUTION
Please do not remove the screws before installing the WAHT-SD1.

DZ750K

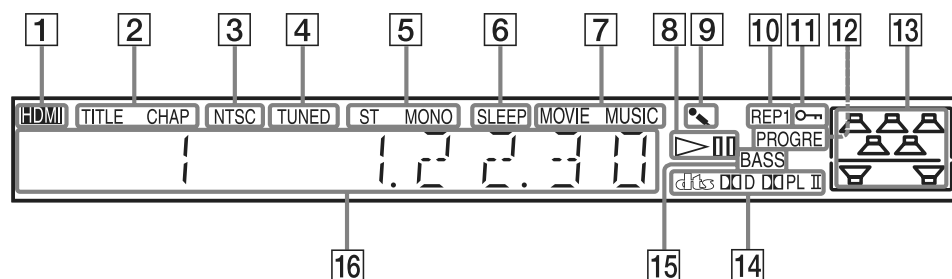


- | | |
|--|---|
| 1 SPEAKER jacks (19) | 8 COMPONENT VIDEO OUT jacks (29) |
| 2 DIR-TC1 slot for the WAHT-SD1 (33) | 9 HDMI OUT jack (29) |
| 3 TV/VIDEO (AUDIO IN R/L) jacks (33) | 10 D-LIGHT SYNC OUT (Singaporean model only) jack (33)
(Terminals for TH destination are same as those for SP destination.) |
| 4 DMPORT (DIGITAL MEDIA PORT) jack (33, 73) | |
| 5 MONITOR OUT (S VIDEO/VIDEO) jacks (29) | |
| 6 AM terminal (19) | |
| 7 COAXIAL FM 75Ω jack (19) | |

* CAUTION
Please do not remove the screws before installing the WAHT-SD1.

Front panel display

About the indications in the front panel display



- | | |
|--|---|
| <p>1 Lights up when the HDMI OUT jack is correctly connected to HDCP (high-bandwidth digital content protection) compliant device with HDMI or DVI (digital visual interface) input. (25)</p> <p>2 Lights up when the time information of a title or chapter appears in the front panel display. (DVD only) (47)</p> <p>3 Lights up when the color system is set to NTSC. (Asian, Australian, and Middle Eastern models only)
Lights up when an NTSC disc is loaded. (Russian models only)</p> <p>4 Lights up when a station is received. (Radio only) (60)</p> <p>5 Stereo/Monaural effect (Radio only) (61)</p> <p>6 Lights up when the sleep timer is set. (68)</p> <p>7 Lights up when the movie or music mode is selected. (34)</p> <p>8 Playing status (DVD function only)</p> | <p>9 Lights up when the karaoke mode is on. (64)</p> <p>10 Current repeat mode (43)</p> <p>11 Lights up when the child lock function is set to on. (70)</p> <p>12 Lights up when the system outputs progressive signals (DVD function only). (27)</p> <p>13 Indicates the selected [SPEAKER FORMATION]. (74)</p> <p>14 Current surround format (Except for JPEG)</p> <p>15 Lights up when the DYNAMIC BASS is selected. (68)</p> <p>16 Displays system's status such as chapter, title, or track number, time information, radio frequency, playing status, sound field, etc.</p> |
|--|---|

Remote control

ALPHABETICAL ORDER

A - O

- ANGLE **5** (49)
- AUDIO **4** (44)
- CLEAR **34** (38, 63, 79)
- D.TUNING **24** (61)
- DISPLAY **37** (47, 62)
- DVD MENU **26** (44, 57, 63)
- DVD TOP MENU **14** (44)
- DYNAMIC BASS **23** (68)
- ECHO **18** (65)
- ENTER **25** (63)
- FUNCTION **22** (27, 31, 32, 39, 60, 74)
- KARAOKE PON **2** (66)
- KEYCON #/b **21** (66)
- MIC VOL +/- **36** (65)
- MOVIE/MUSIC **17** (34)
- MUTING **7** (31)
- Number buttons* **15** (38, 61, 63, 71)

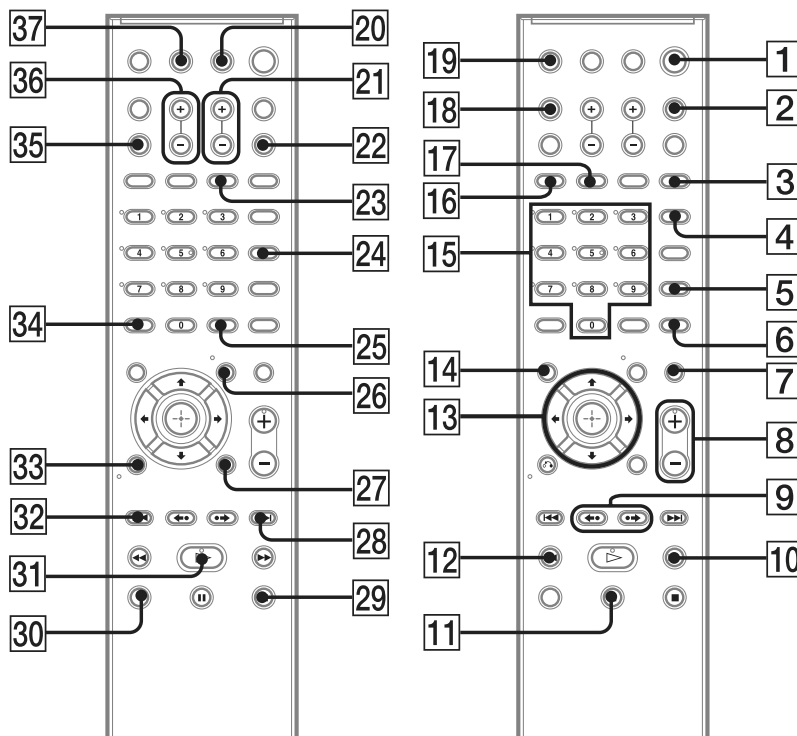
P - Z

- PICTURE NAVI **6** (39, 63)
- PRESET +/- **28** **32** (61)
- SCORE **35** (67)
- SOUND FIELD **16** (35)
- SUBTITLE **24** (50)
- SYSTEM MENU **25** (23, 33, 63, 69, 107)
- THEATRE SYNC **20** (64)
- TUNING +/- **10** **12** (60)
- TV **30** (63)
- TV CH +/- **28** **32** (63)
- TV INPUT **37** (63)
- TV VOL +/-* **8** (63)
- VIDEO FORMAT **3** (27)
- VOLUME +/-* **8** (31, 61, 85)

BUTTON DESCRIPTIONS

- 1** (on/standby) **1** (20, 23, 31, 39, 61)
- TV **1** (on/standby) **1** (63)
- 13** (20, 23, 33, 38, 60, 71)
- 9** REPLAY/ADVANCE **9** (31)
- 32** **28** (31)
- 12** **10** (37)
- 12** **10** SLOW **12** **10** (37)
- 31** (play)* **31** (31, 39, 73)
- 9** STEP **9** (37)
- 29** (stop) **29** (31, 39, 71)
- 11** (pause) **11** (31)
- 19** (open/close) **19** (31)
- 27** DISPLAY **27** (21, 38, 71, 102)
- 33** RETURN **33** (39)
- 34** (63)

* The **▷**, number 5, and VOLUME + (TV VOL+) buttons have tactile dots. Use the tactile dots as references when operating the system.

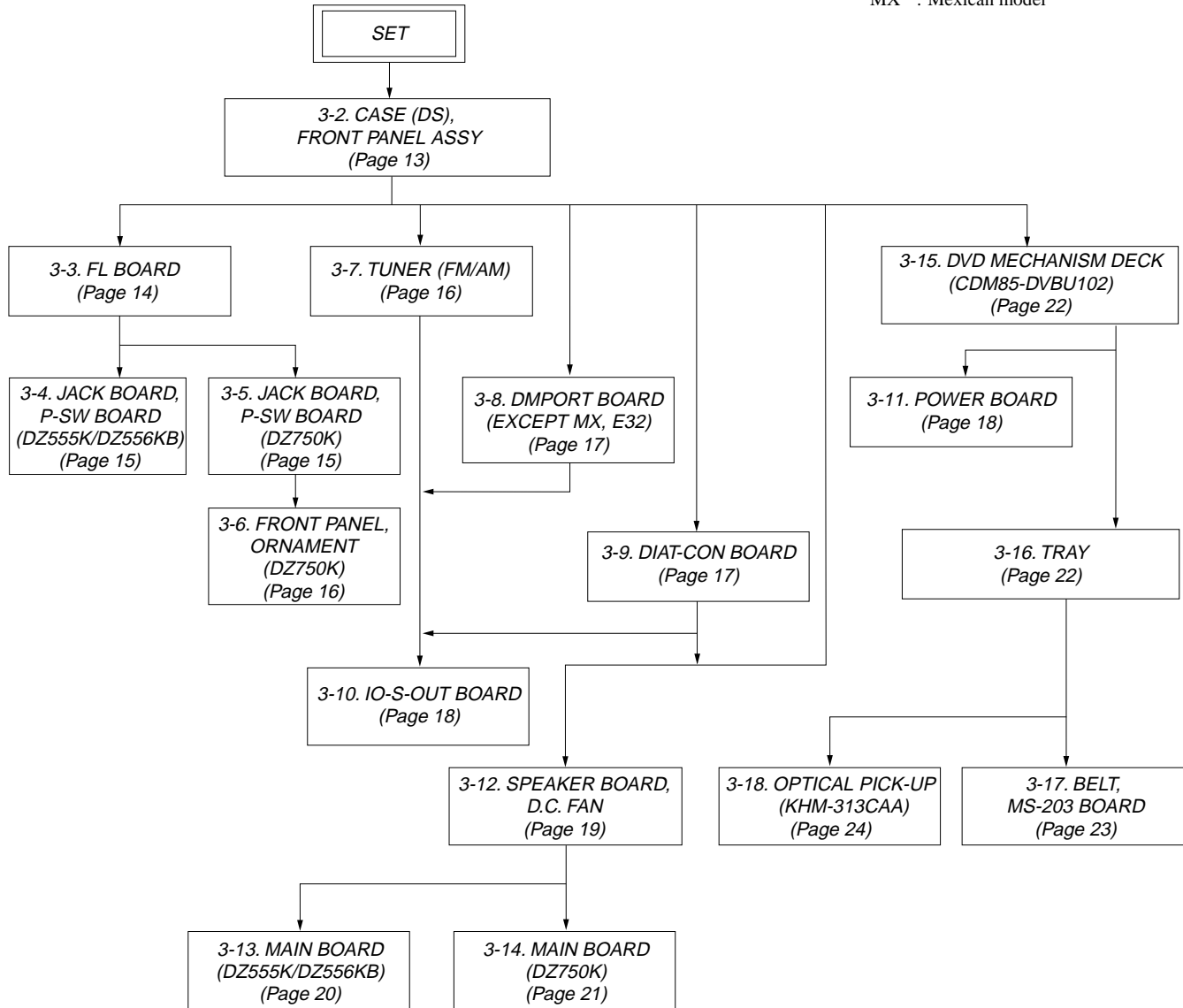


SECTION 3 DISASSEMBLY

3-1. DISASSEMBLY FLOW

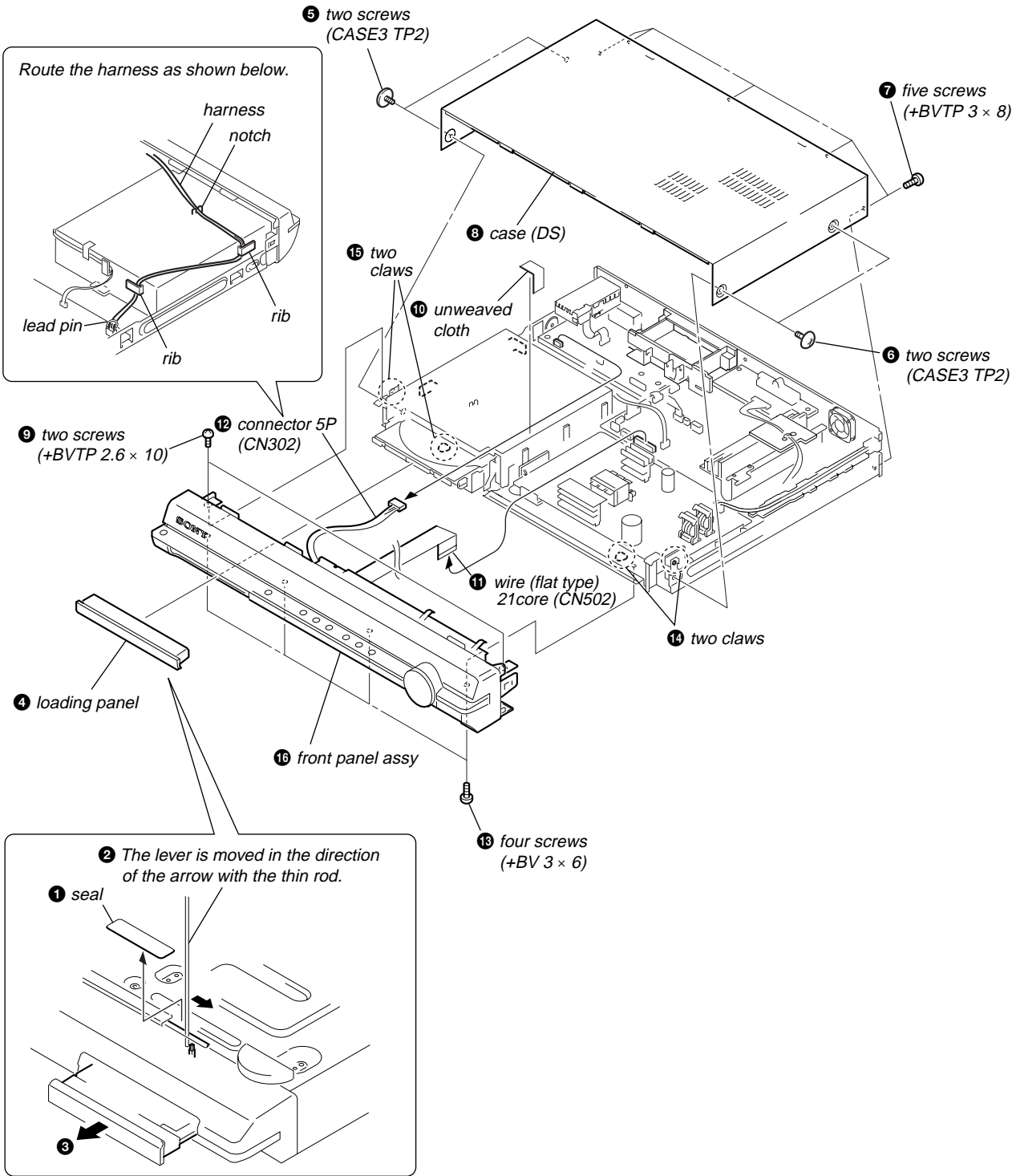
- This set can be disassembled in the order shown below.

- Abbreviation
E32 : 110 – 240V AC area in E model
MX : Mexican model

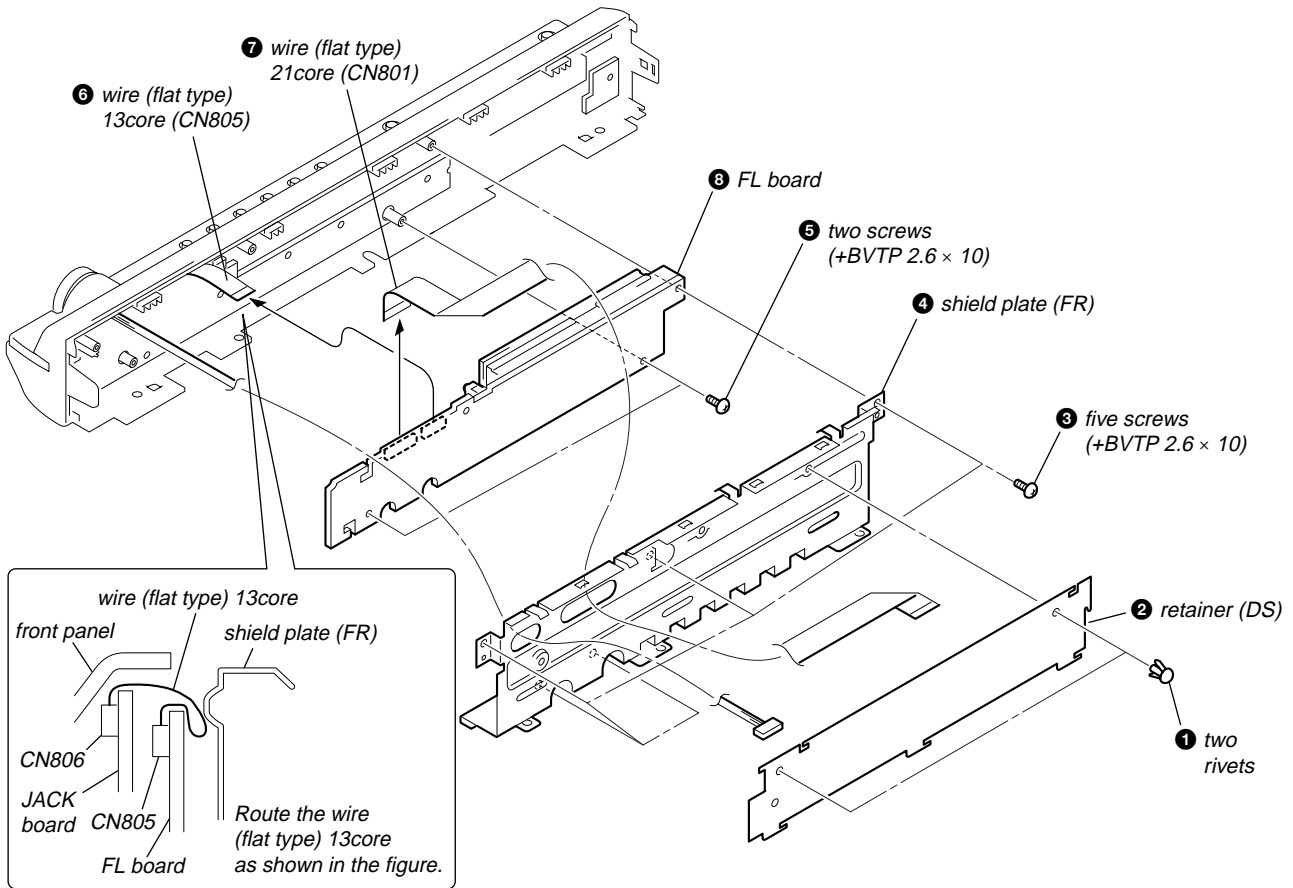


Note: Follow the disassembly procedure in the numerical order given.

3-2. CASE (DS), FRONT PANEL ASSY

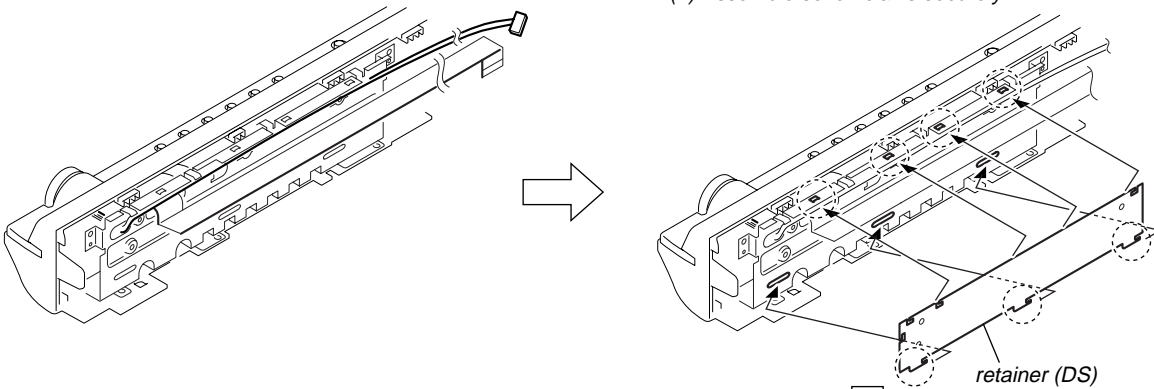


3-3. FL BOARD

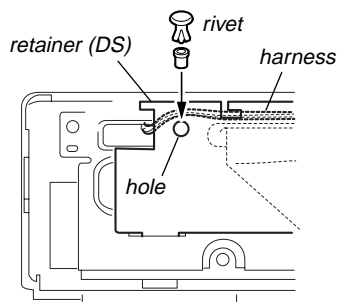


PRECAUTION DURING THE RETAINER (DS) INSTALLATION

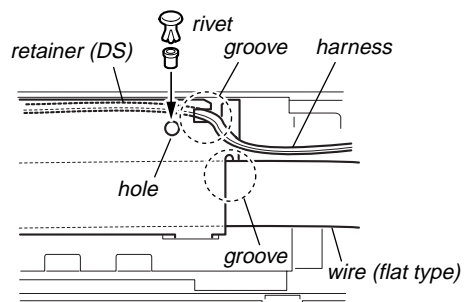
(1) Assemble seven claws securely.



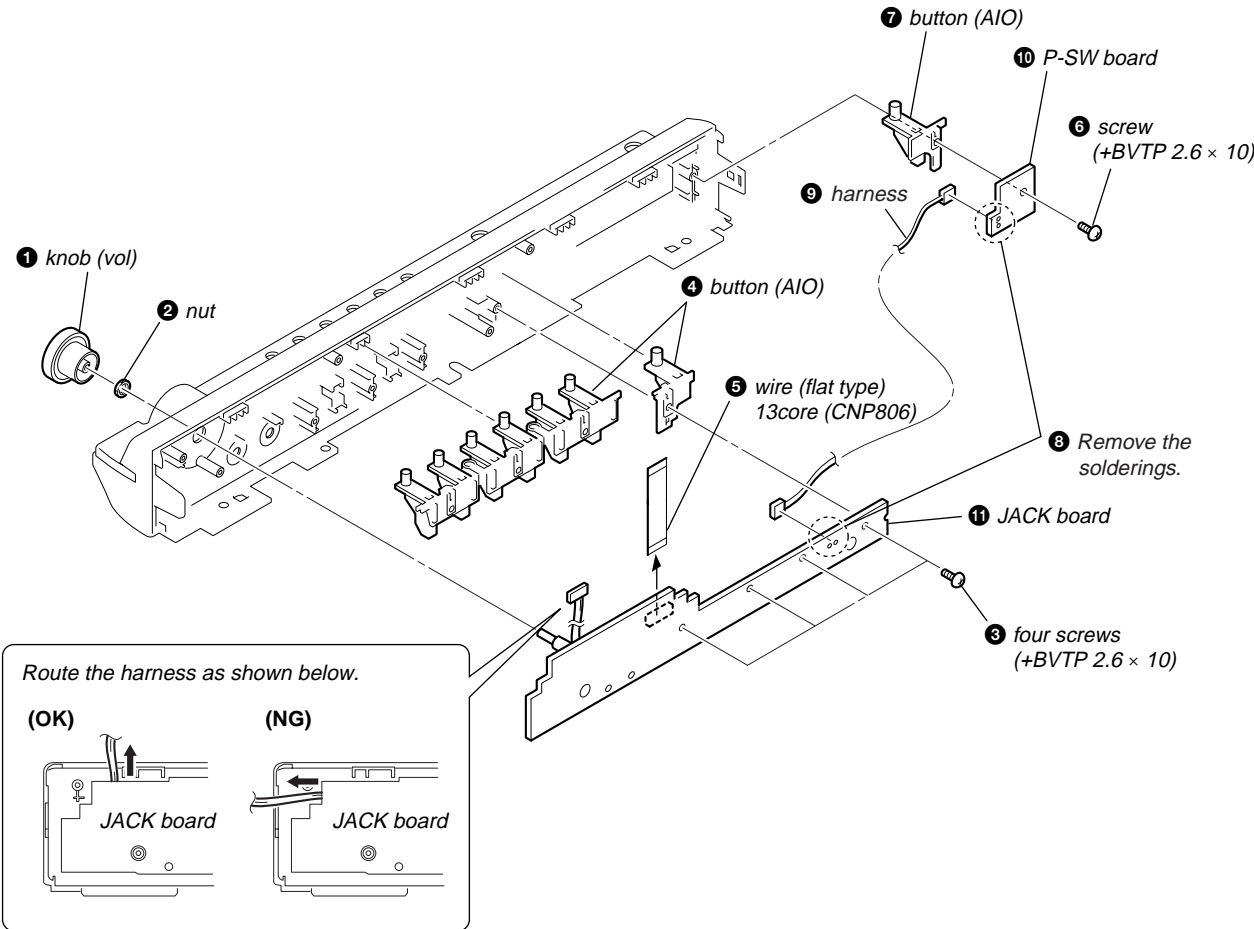
(2) Route the harness as shown below.



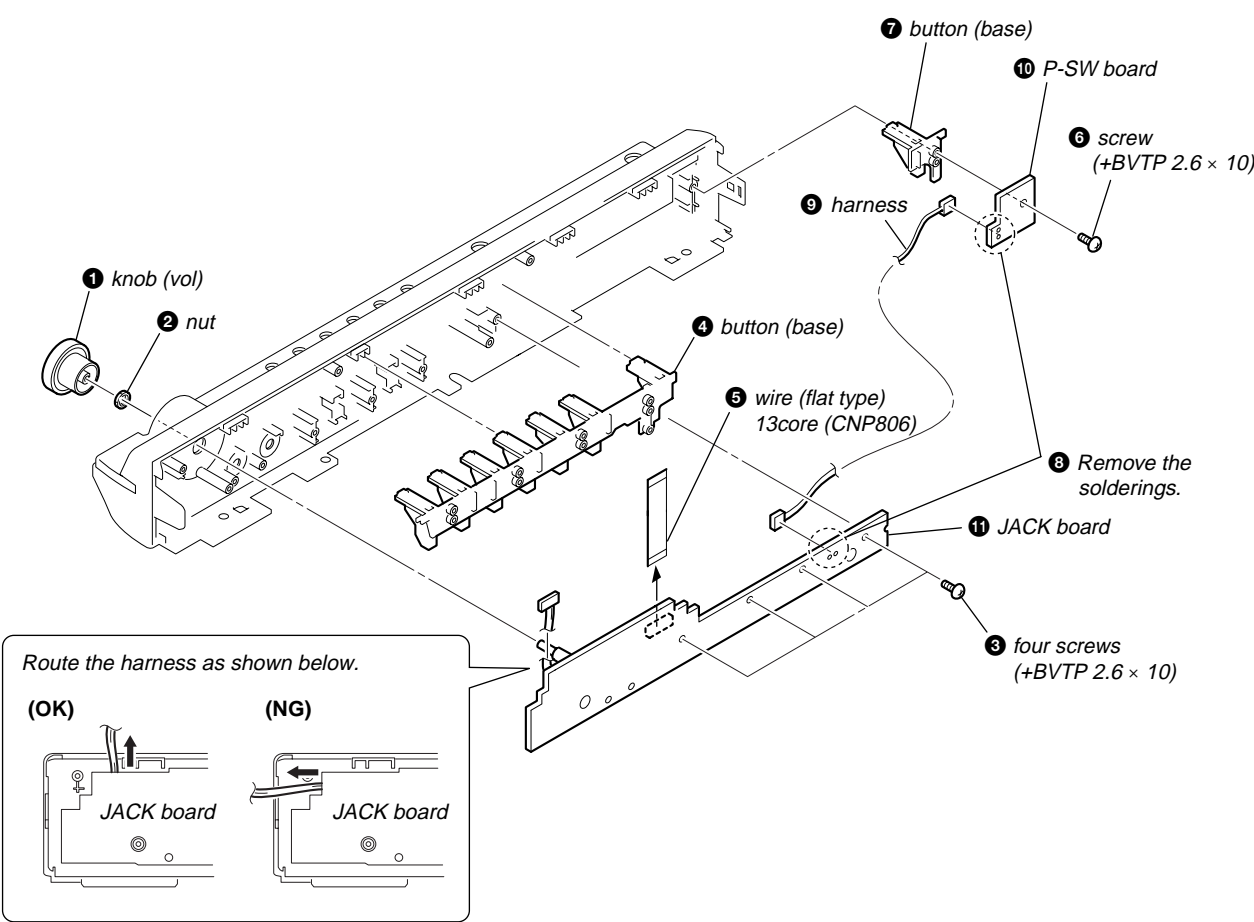
(3) Route the harness as shown below.



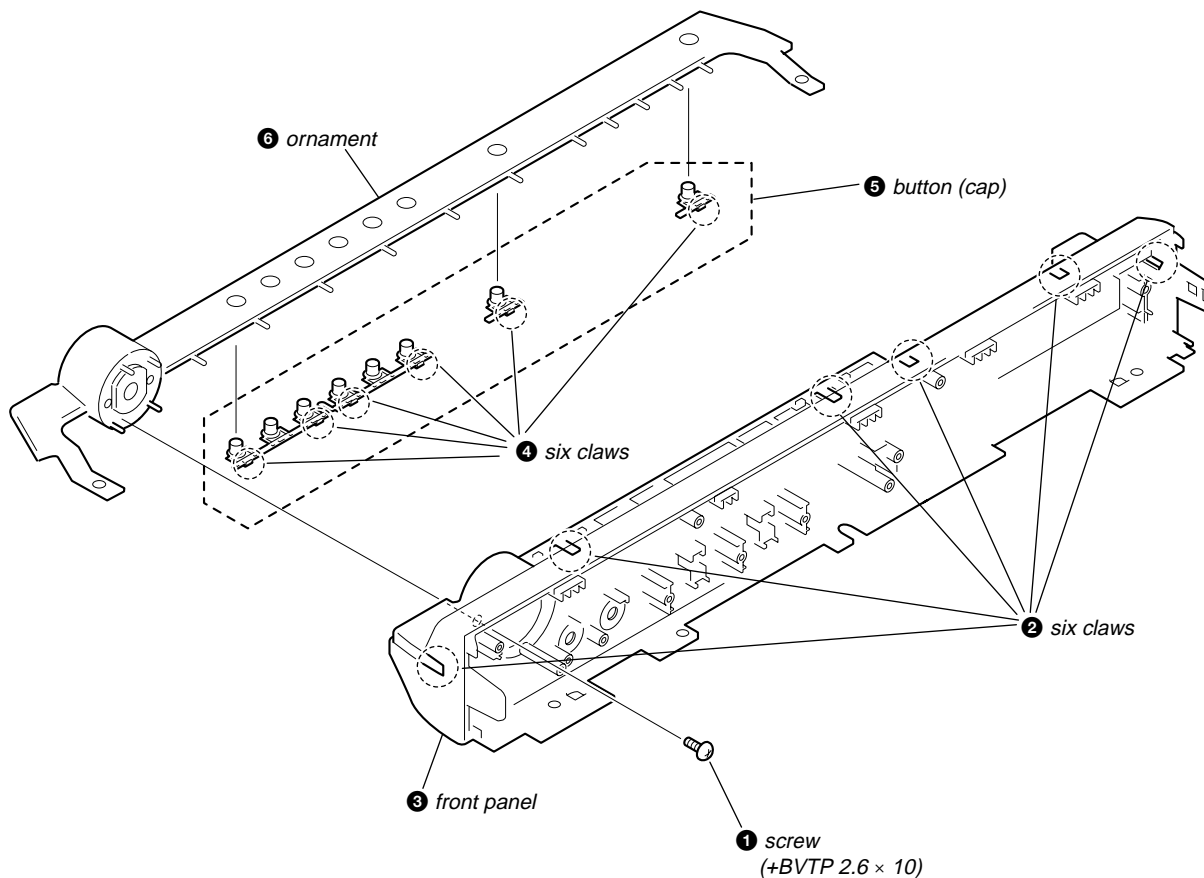
3-4. JACK BOARD, P-SW BOARD (DZ555K/DZ556KB)



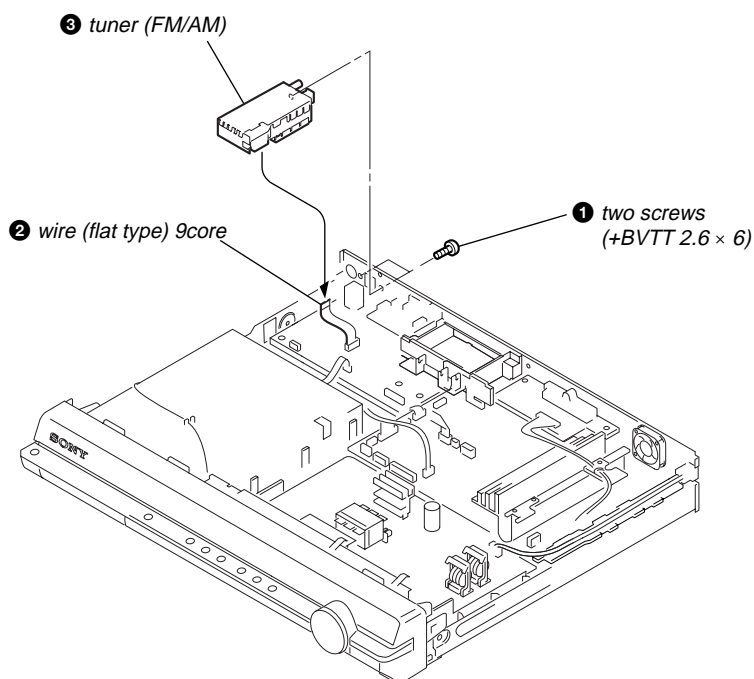
3-5. JACK BOARD, P-SW BOARD (DZ750K)



3-6. FRONT PANEL, ORNAMENT (DZ750K)

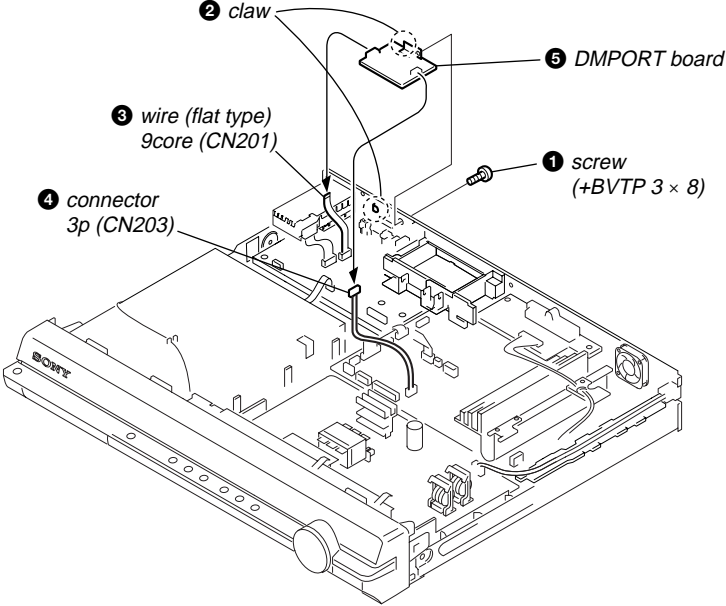


3-7. TUNER (FM/AM)

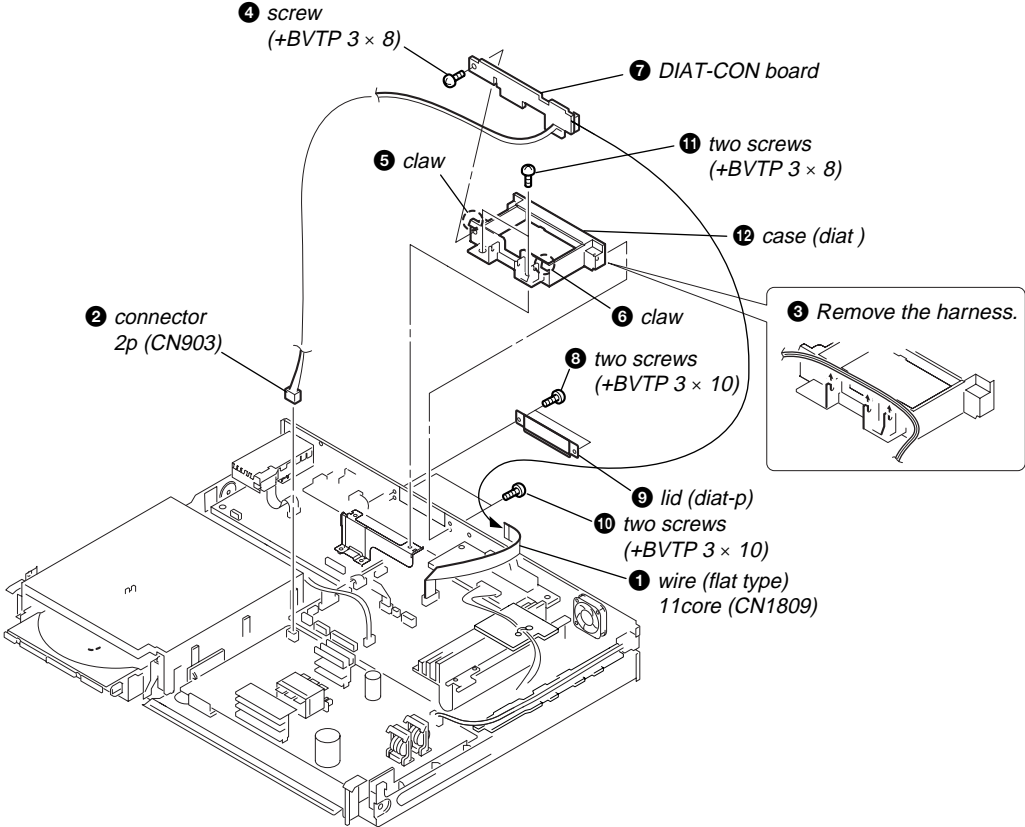


3-8. DMPORT BOARD (EXCEPT MX, E32)

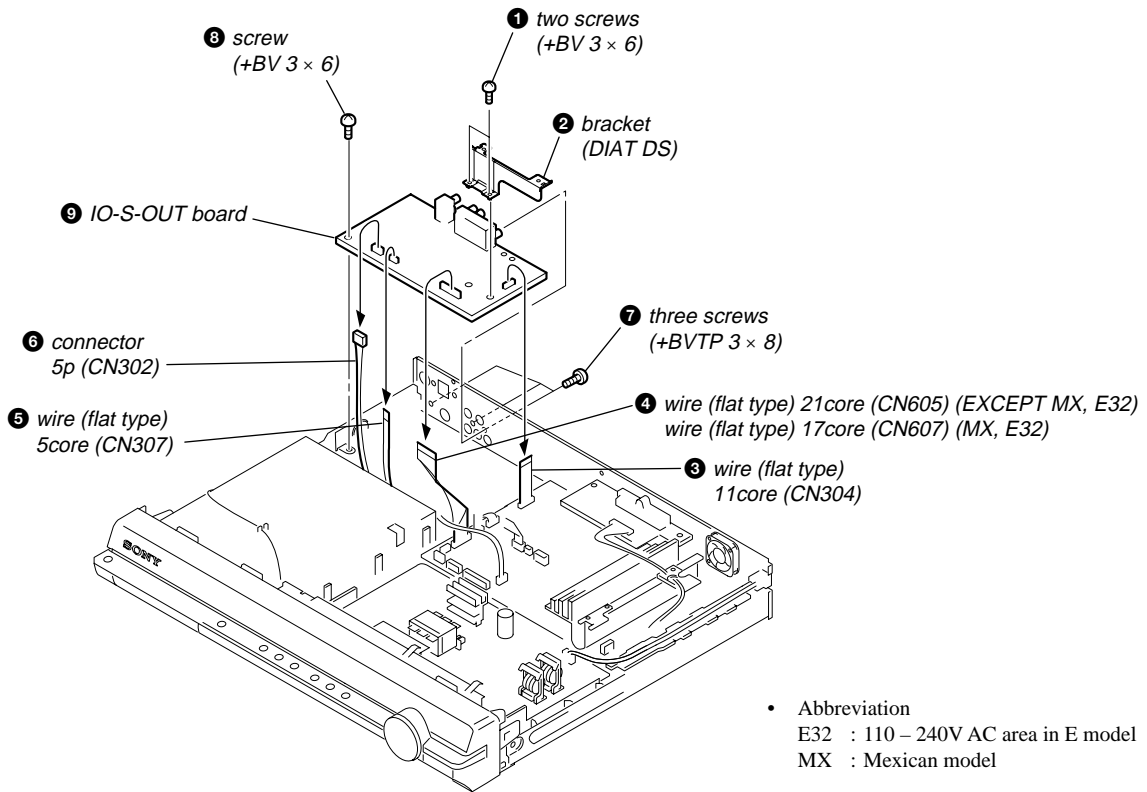
- Abbreviation
E32 : 110 – 240V AC area in E model
MX : Mexican model



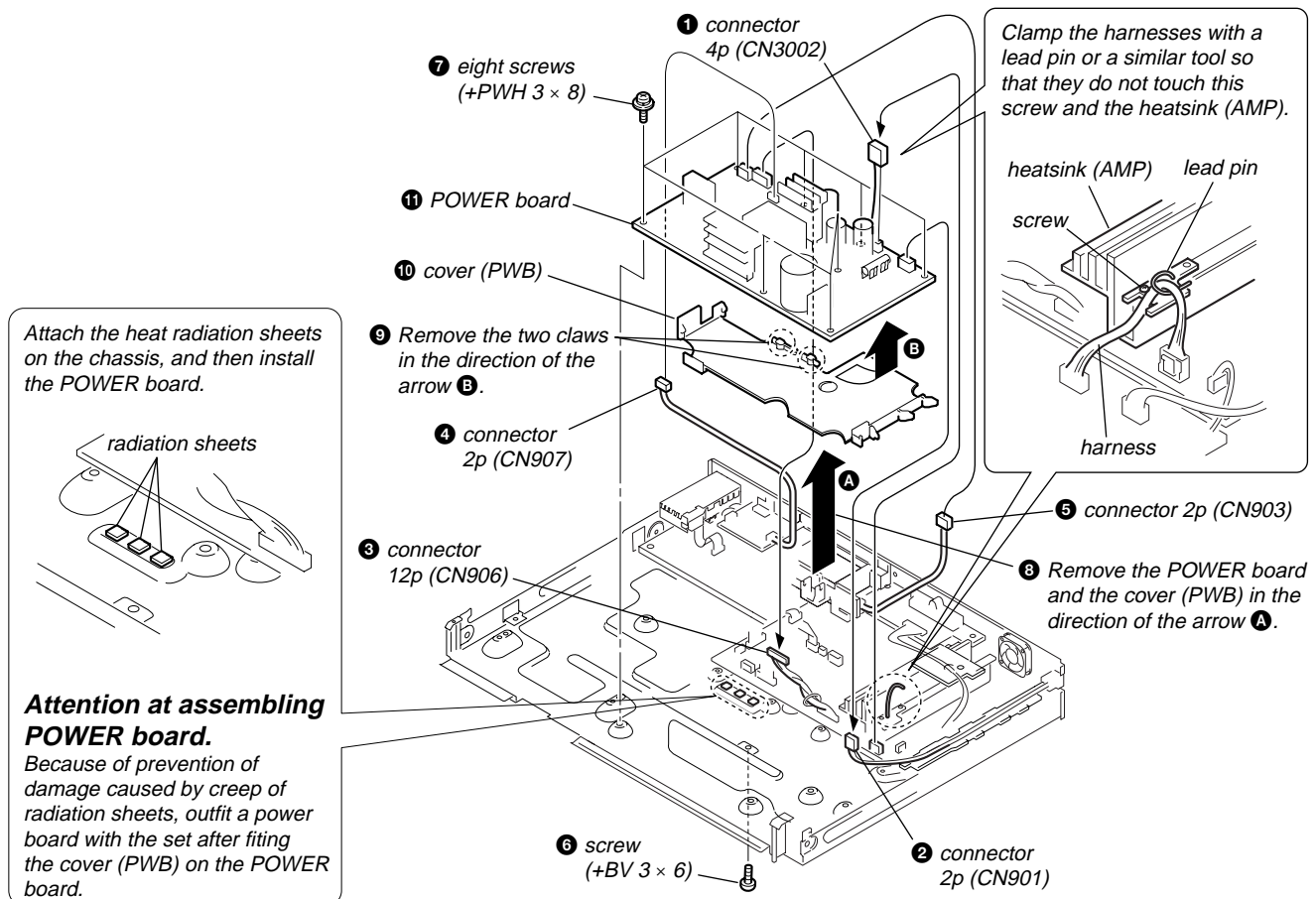
3-9. DIAT-CON BOARD



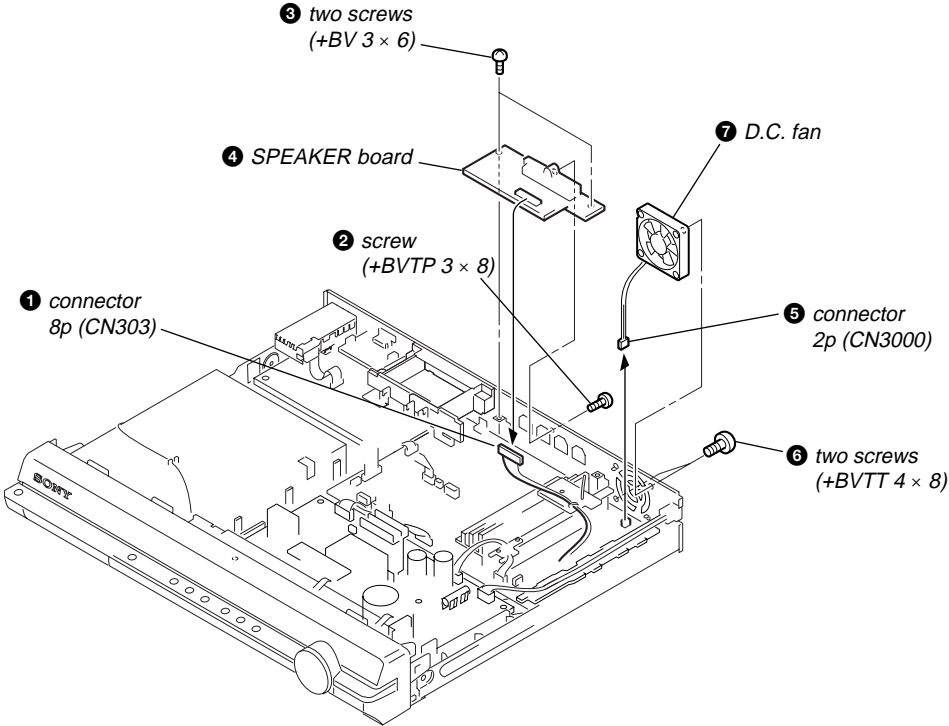
3-10. IO-S-OUT BOARD



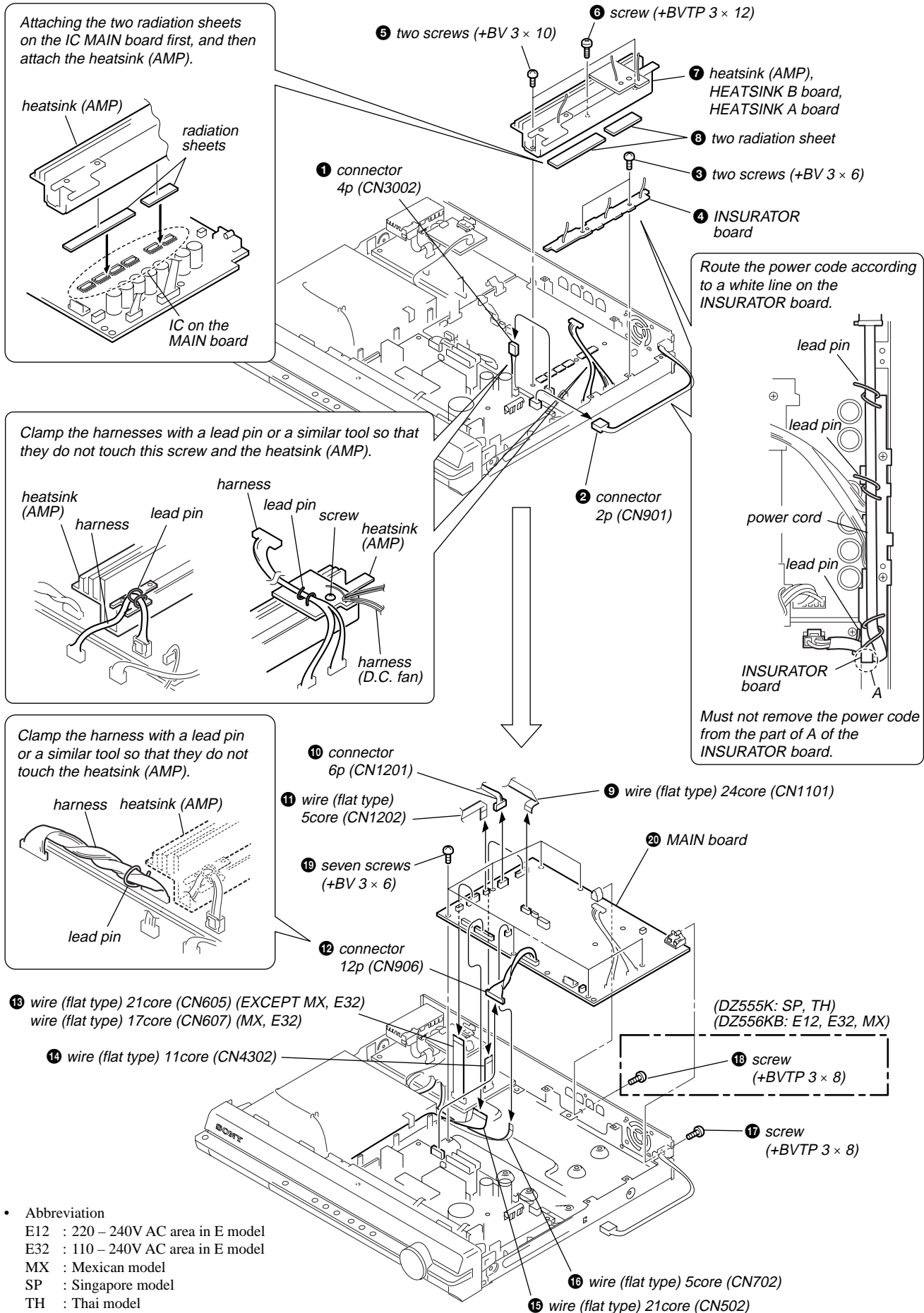
3-11. POWER BOARD



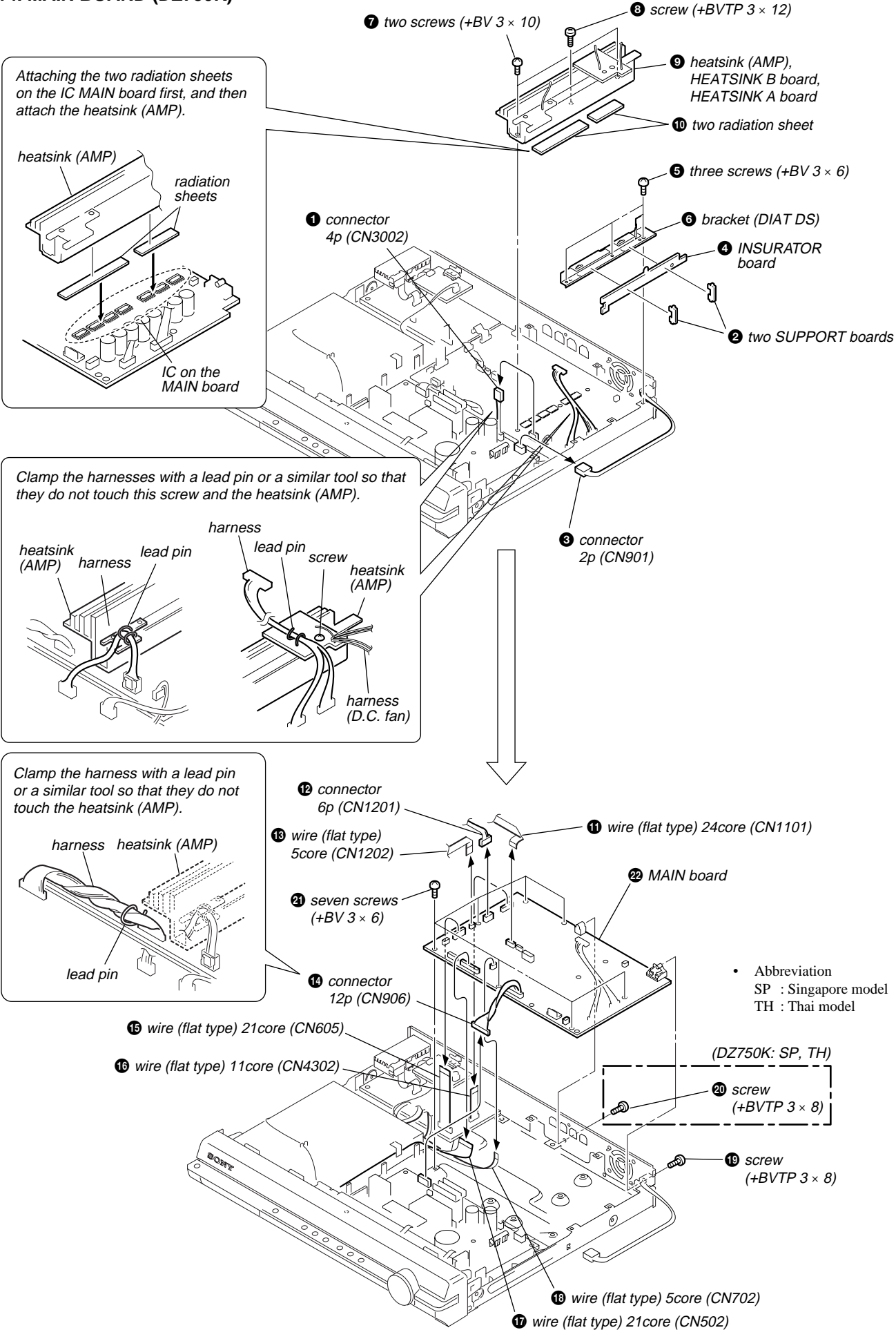
3-12. SPEAKER BOARD, D.C. FAN



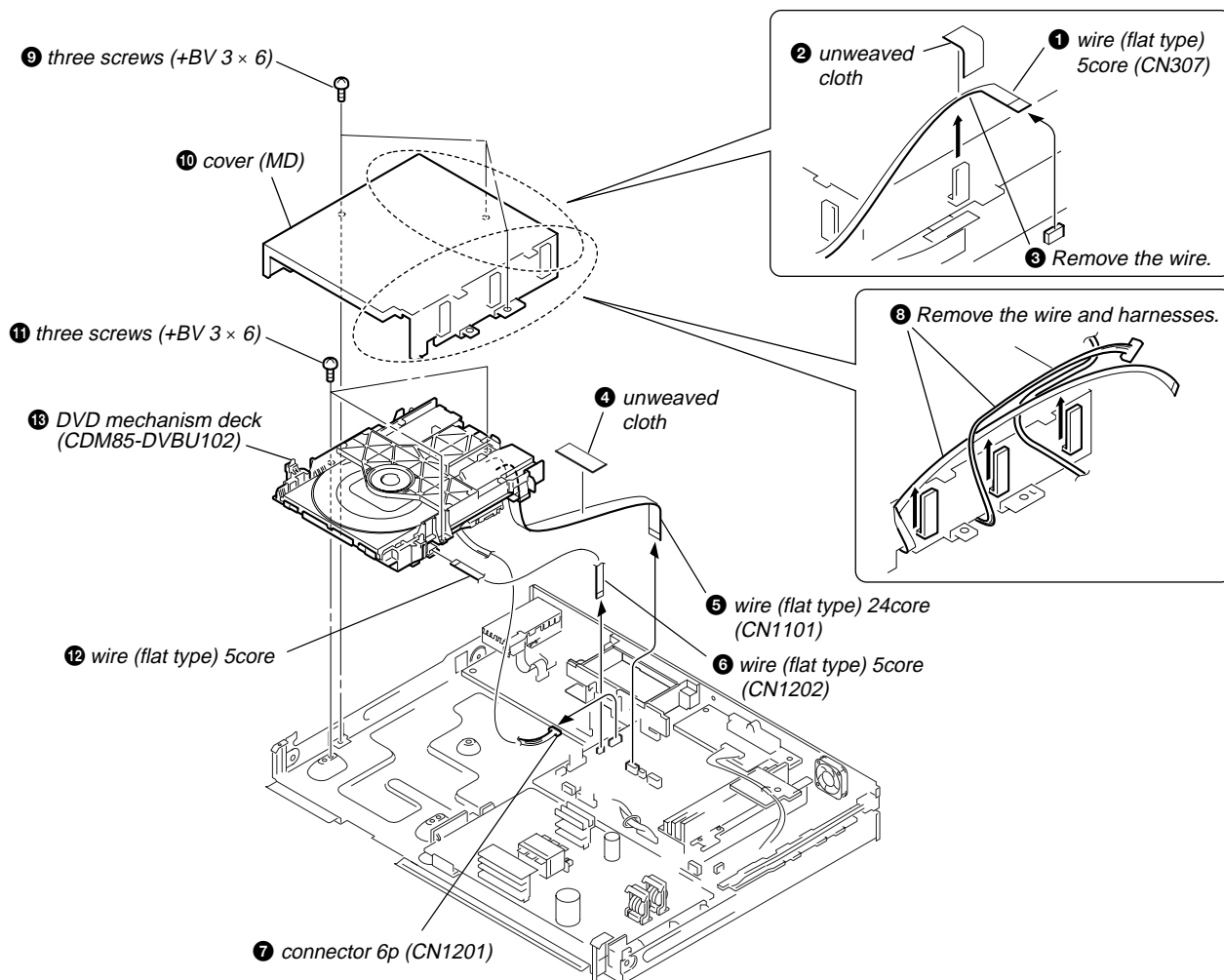
3-13. MAIN BOARD (DZ555K/DZ556KB)



3-14. MAIN BOARD (DZ750K)

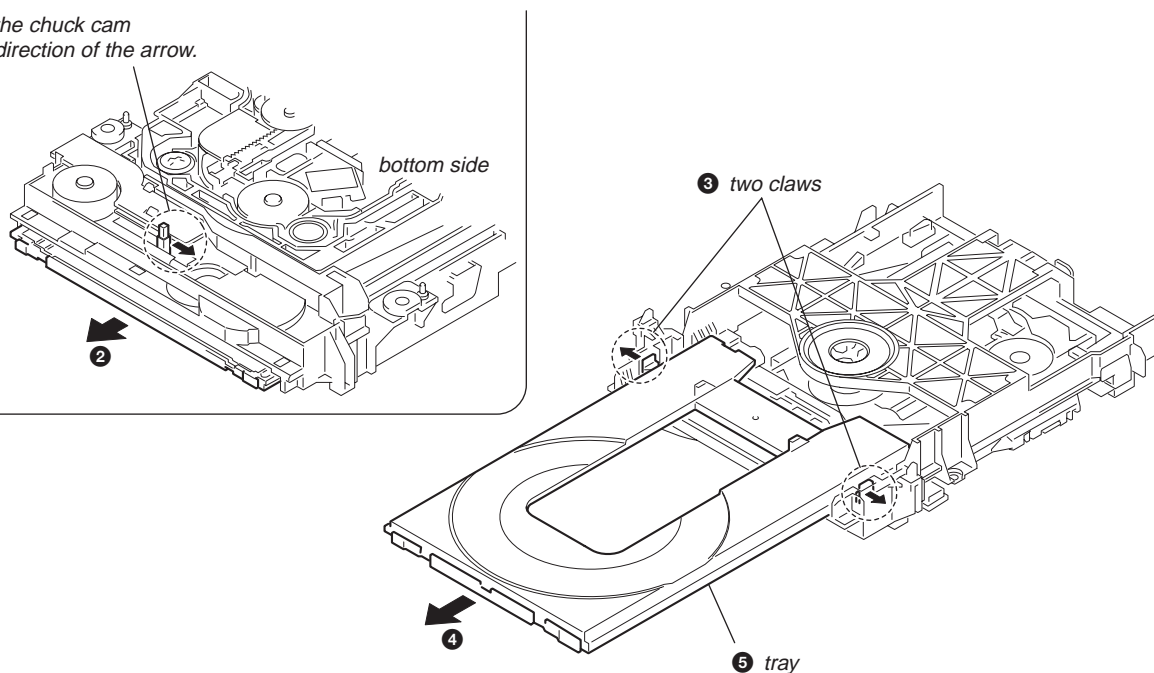


3-15. DVD MECHANISM DECK (CDM85-DVBU102)

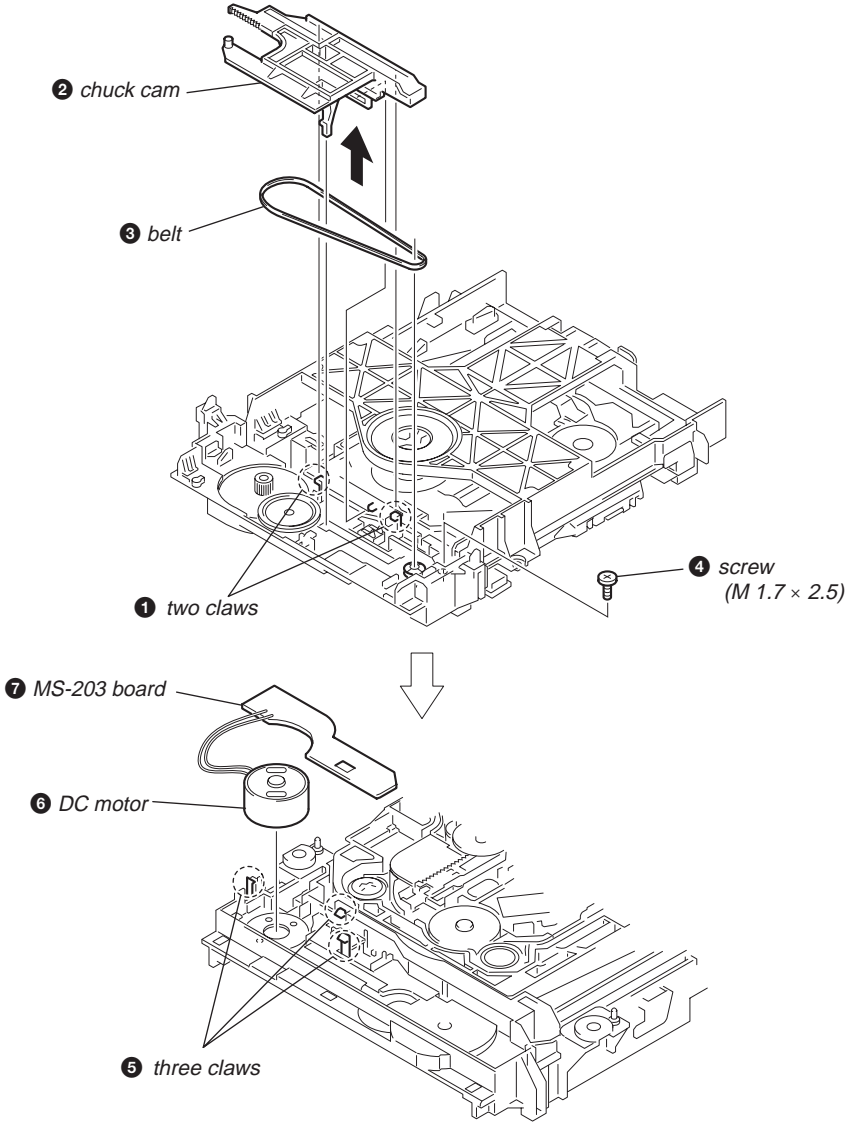


3-16. TRAY

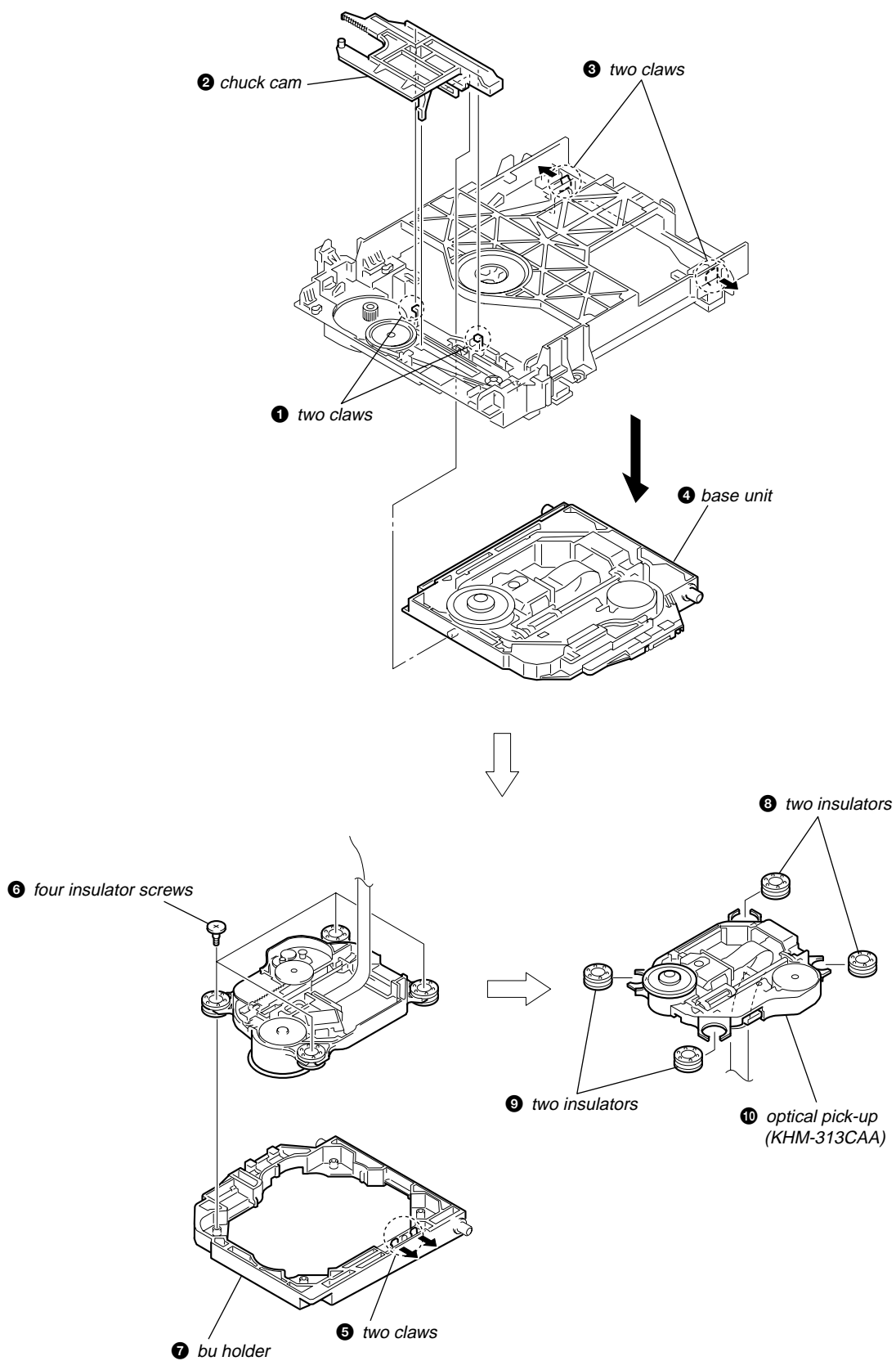
- 1 Move the chuck cam in the direction of the arrow.




3-17. BELT, MS-203 BOARD



3-18. OPTICAL PICK-UP (KHM-313CAA)







SECTION 4 TEST MODE

Note: Incorrect operations may be performed if the test mode is not entered properly.
In this case, press the  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  button to turn the power on.
- Press three buttons ,  and  simultaneously.
- When this button is operated, display as "COLD RESET" for a while and all of the settings are reset.

2. Panel Test Mode

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








2-1. Display Test Mode

Procedure:

- Press the  button to turn the power on.
- Press three buttons ,  and  simultaneously.
- When the display test mode is activated, all segments are turned on.
- To exit from this mode, press three buttons ,  and  simultaneously.


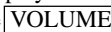




2-2. Version Test Mode

Procedure:

- When the display test mode is activated, press the  button and the message "DS4K/4KB" (DZ555K, DZ556KB), "DS8K" (DZ750K) are displayed, the version test mode is activated.
- Whenever the  button is pressed, the display changes in the following order:
"DS8K" (Model name) → "ASIA2*1" (Destination) → MC
↑
*1: ASIA2 changes depending on destination.
- Press the  button and the date of the software production is displayed.
- Press the  button again and the version is displayed.
- To exit from this mode, press three buttons ,  and  simultaneously.

2-3. Key Test Mode





Procedure:

- When the display test mode is activated, press the  button, to select the key test mode.
- To enter the KEY test mode, the fluorescent indicator displays "K0 V0". Each time an another button is pressed, "KEY" value increases. However, once a button is pressed, it is no longer taken into account. When all keys are pressed correctly, "K8 V0" is displayed.
- When the  control is turned in the direction of (+), "V0" is changed to "V1", then ... "V9".
When the  control is turned in the direction of (-), "V0" is changed to "V9", then ... "V1".
- To exit from this mode, press three buttons ,  and  simultaneously.



3. Disc Tray Lock


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

Setting Procedure :

- Press the  button to turn the power on.
- Press the  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  button.

4. DVD Ship Mode

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






Procedure:

- Press the  button to turn the power on.
- Press the  button to set the function "DVD".
- Remove all discs, and then press two buttons  and  simultaneously.
- After a message "MECHA LOCK" is displayed on the fluorescent indicator tube, pull out the AC plug.
- To exit from this mode, press the  button to turn the set on.

5. AM Step Change

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






Procedure:

- Press the  button to turn the power on.
- Select the function "TUNER", and press  button to select the BAND "AM".
- Press the  button to turn the power off.
- Press two buttons  and  simultaneously, and the display of fluorescent indicator tube changes to "AM 9k STEP" or "AM 10k STEP", and thus the channel step is changed over.

6. Product Out

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





Procedure:

- Press the  button to turn the power on.
- Press the  button to set the function "DVD".
- Remove all discs, and then press three buttons ,  and  simultaneously.
- After the "STANDBY" blinking display finishes, the message "MECHA LOCK" is displayed on the fluorescent indicator tube disconnect the AC power plug, then the ship mode is set.

7. Demo Play Out






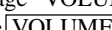

It is a mode to release the demonstration reproduct by the dedicated demonstration disc.

Setting Procedure:

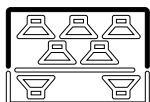
- Press the  button to turn the power on.
- Press the  button to set the function "DVD".
- During playback the DEMO Disc, press the  and  buttons for five seconds simultaneously.
- The message "DEMO OFF" is displayed, a mode to reproduct the demonstration is released.

8. Volume Test

Procedure:


1. Press the  button to turn the power on.
2. Press three buttons ,  and  simultaneously.
3. The message "VOLUME MIN" is displayed.
4. When the  control is turned in the direction of (+), the message "VOLUME MAX" is displayed.
5. When the  control is turned in the direction of (-), the message "VOLUME MIN" is displayed.
6. To exit from this mode, press the  button to turn the set off, the message "COLD RESET" is displayed.


Note: The segments of the frame of SPEAKER FORMATION are blinking while test mode.



9. Protection Factor (SD Detection/DC Detection) Identification Test Mode

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


Press the  button.

* Buttons other than the  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  button.

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

During the protection state:

1. If the AC plug is connected or disconnected during the protection state, the protection state is released, and the normal operation is established. (The protection state is not maintained.)
2. The protection factor is displayed by pressing the ,  and  buttons at the same time during the protection state (during the "PROTECTOR \leftrightarrow PUSH POWER" display).
 - \Rightarrow When SD is detected: Repeats "SD DETECT \leftrightarrow PUSH POWER".
 - \Rightarrow When DC is detected: Repeats "DC DETECT \leftrightarrow PUSH POWER".

PL: SD detection






When the "L" output from the SD (shutdown) port on the S-MASTER POWER Driver is detected, the power system other than that of the FL tube is turned off, and the protection state is established.

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.

10. Automatic Acoustic Field Calibration Microphone Test Mode

Procedure:

1. Press the  button to turn the power on.
2. Press the  button to set the function "DVD".
3. Insert ECM-AC2 supplied as an accessory into the AUDIO IN/MIC 1/A.CAL MIC jack.
4. While pressing the  and  buttons simultaneously, turn the  control in the direction of (+).
5. Confirm that the following are shown on the display panel.
 - ① The JACK inserted/non-inserted detection display and the STEREO/MONO detection display.

Content of display	Discriminant state
NON	Not detected
ST	STEREO
MN	MONO






- ② Presence of DIGITAL voice input to the microcomputer. (OK: input, NG: no input)
- ③ The value of the MIC input to the microcomputer. (shown "0 - 255" (Changes in real time))

* * *	* *	* * *
①	②	③

11. Color System Change-over (EXCEPT E32, MX)

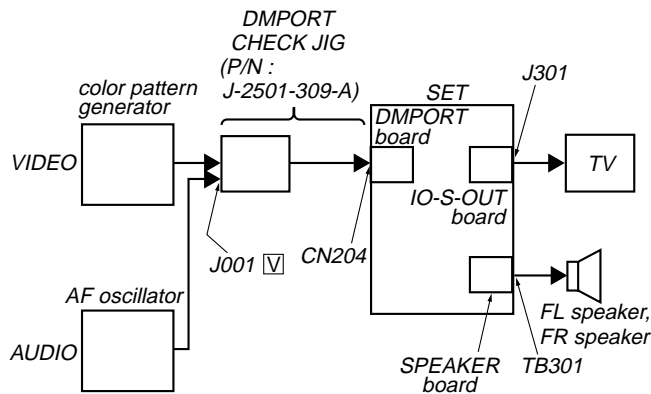
It is a mode to switch the color system (PAL/NTSC).

Procedure:

1. Press the  button to turn the power on
2. Press the  button to set the function "DVD".
3. Press the  button to turn the power off.
4. While pressing the  button, press the  button simultaneously.
5. Each time you perform this operation the color system toggles between PAL and NTSC. "NTSC" lights up in the front display when "NTSC" is selected.

12. Digital Media Port Test

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



DVD SECTION

13-1. 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.

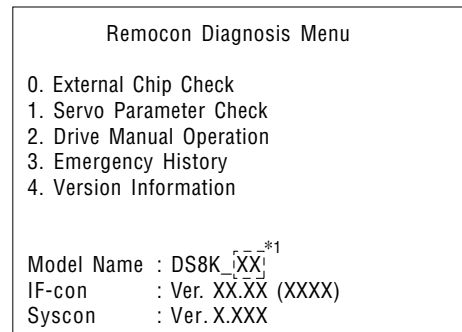
13-2. How To Enter Test Mode

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

The Test Mode starts, displayed "SERVICE IN" on this model display then the menu shown below will be displayed on the TV screen.

* The display of the "Model Name" of the "Remocon Diagnosis Menu" change with the model and the destination. Refer to below on the model name.

DZ555K, DZ556KB : DS4K
DZ750K : DS8K



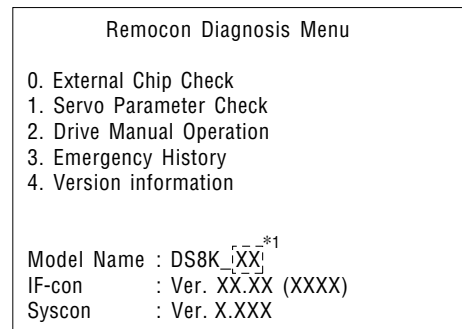
*1: Changes depending on destination

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 button on the remote commander.

13-3. Executing IOP Measurement

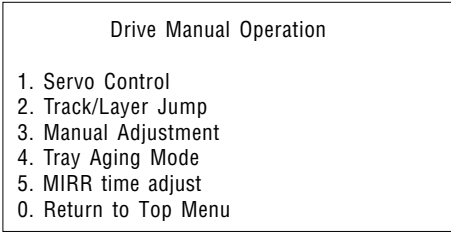
In order to execute IOP measurement, the following standard procedures must be followed.

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

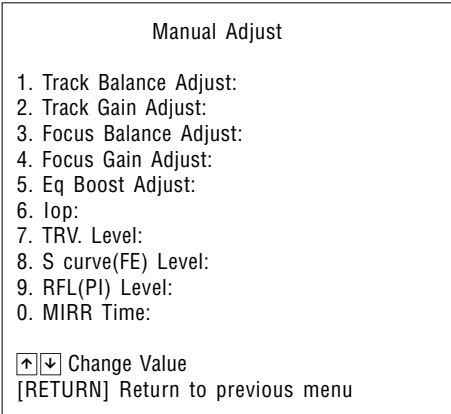


*1: Changes depending on destination

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

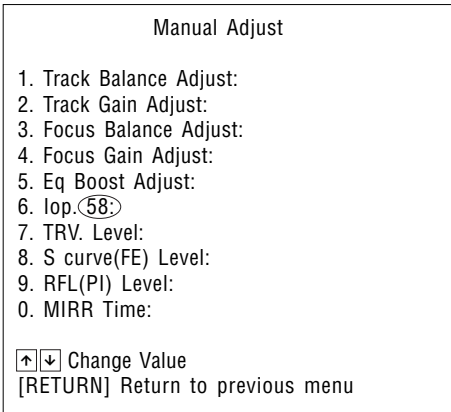


- (3) Select "3. Manual Adjustment" by pressing the [3] button on the remote commander. The screen will appear as shown.



- (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.

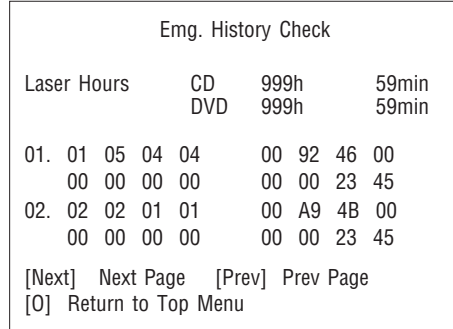
- (10) Press the [RETURN] button on the remote commander to return back to previous menu.

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

13-4. Emergency History

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

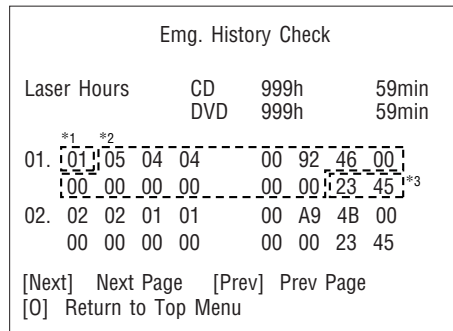
- (1) From the Top Menu of Remocon Diagnosis Menu, select "3. Emergency History Check" by pressing the [3] button on the remote commander. The following screen appears on the on-screen display.



- (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 [Left Arrow] or [Right Arrow] 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



*1 : Error Code

*2 : Parameter of error code

*3 : Time of error code

The meaning of error code is as below:

- 01: Communication error (No reply from syscon)
- 02: Syscon hung up
- 03: Power OFF request when syscon hung up
- 19: Thermal shutdown
- 24: MoveSledHome error
- 25: Mechanical move error (5 Changer)
- 26: Mechanical move stack error
- 30: DC motor adjustment error
- 31: DPD offset adjustment error
- 32: TE balance adjustment error
- 33: TE sensor adjustment error
- 34: TE loop gain adjustment error
- 35: FE loop gain adjustment error
- 36: Bad jitter after adjustment
- 40: Focus NG
- 42: Focus layer jump NG

- 52: Open kick spindle error
- 51: Spindle stop error
- 60: Focus on error
- 61: Seek fail error
- 62: Read Q data/ID error
- 70: Lead in data read fail
- 71: TOC read time out (CD)
- 80: Can't buffering
- 81: Unknown media type

13-4-1. 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 23 45		
	00 00 00	00	00 00 23	45			
02.	02 02 01	01	00 A9 4B	00	00 23 45		
	00 00 00	00	00 00 23	45			

[Next] Next Page [Prev] Prev Page
[0] Return to Top Menu

13-4-2. 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 00 00	00	00 00 00		
02.	00 00 00	00	00 00 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

13-4-3. 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
[0] Return to Top Menu

13-4-4. Return to the Top Menu of Remocon Diagnosis Menu

Press **0** button on the remote commander.

• Check Version Information

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

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

Version information	
Firm (Main) :	Ver. x.xxx
Firm (Sub) :	xx.xx
RISC :	xxxxxx
8032 :	xxxxxx
Audio DSP :	xx.xx.xx.xx
Servo DSP :	xx.xx.xx.xx
[0] Return to Top Menu	

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

SECTION 5 ELECTRICAL ADJUSTMENT

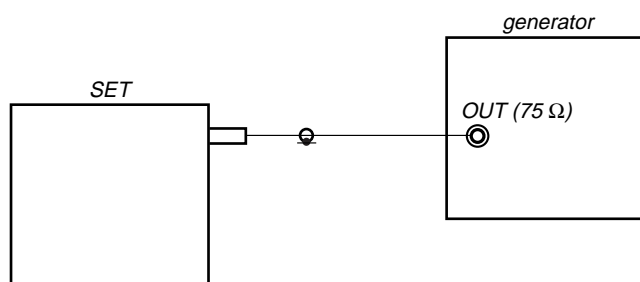
DVD SECTION

When the optical pick-up assy is replaced, perform the "Executing IOP Measurement".

Executing IOP Measurement (See page 27)

TUNER SECTION

[FM Tune Level Check]



Procedure:

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

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

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

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

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

SECTION 6 DIAGRAMS










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

For 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 $1/4\text{W}$ or less unless otherwise specified.
- \triangle : internal component.
- \square : 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 : DVD STOP
- * : Impossible to measure
- Voltages are taken with VOM (Input impedance 10 M Ω).
- Circled numbers refer to waveforms.
- Signal path.
 -  : AUDIO
 -  : CD PLAY
 -  : DVD PLAY
 -  : TUNER
 -  : VIDEO
 -  : Y
 -  : CHROMA
 -  : COMPONENT VIDEO
 -  : AUDIO IN
- Abbreviation
 - AUS : Australian model
 - E3 : 220 – 240V AC area in E model
 - E12 : 220 – 240V AC area in E model
 - E32 : 110 – 240V AC area in E model
 - EA : Saudi Arabia model
 - KR : Korean model
 - MX : Mexican model
 - RU : Russian model
 - SP : Singapore model
 - TH : Thai model
 - TW : Taiwan model

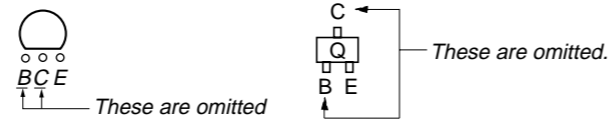
For Printed Wiring Boards.

Note:

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

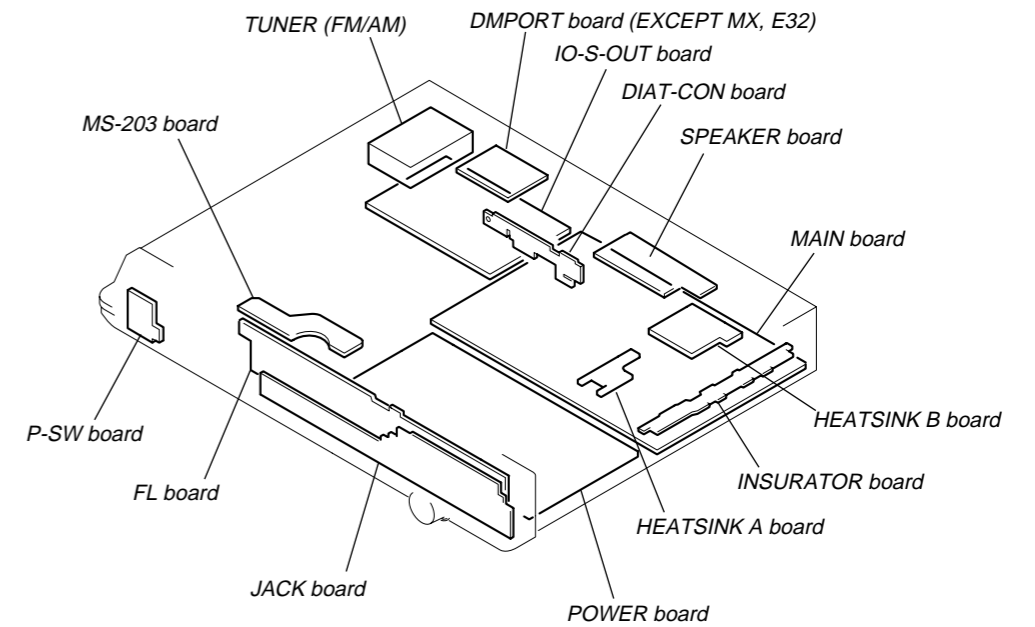
Caution:
Pattern face side: Parts on the pattern face side seen from (SIDE B) the pattern face are indicated.
Parts face side: Parts on the parts face side seen from (SIDE A) the parts face are indicated.

- Indication of transistor.

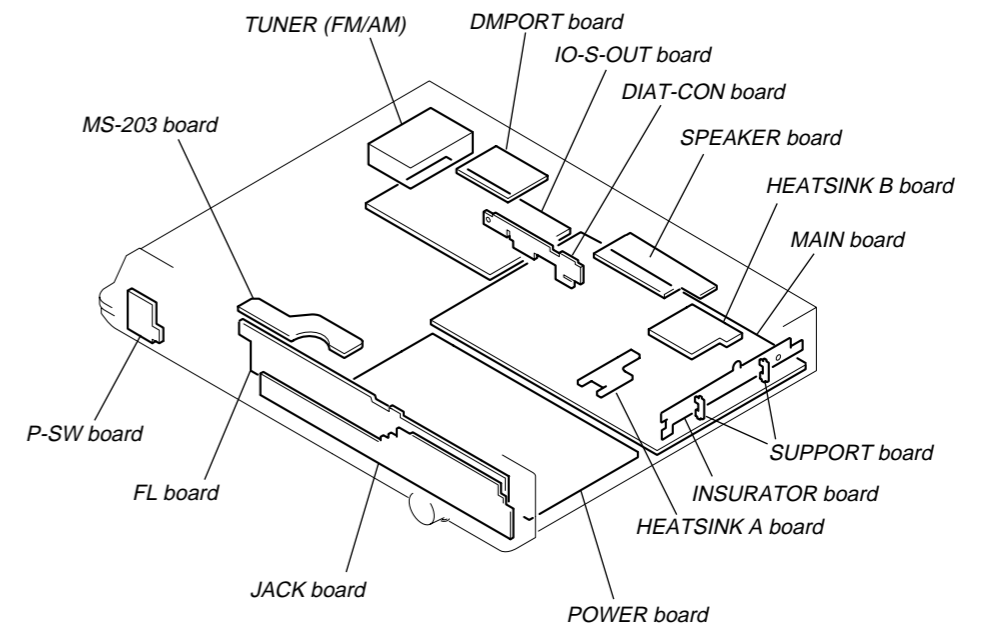


• Circuit Boards Location

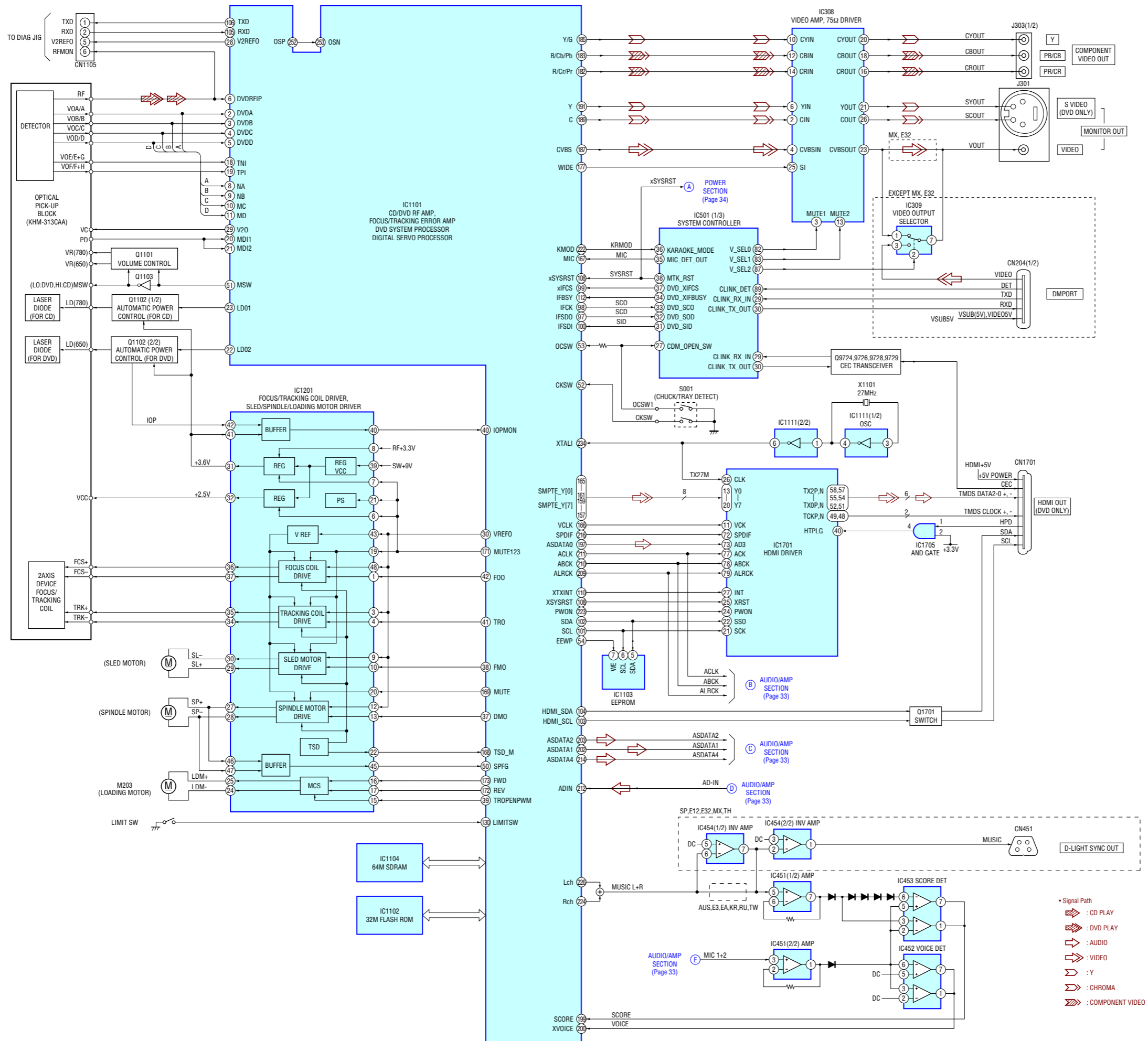
(DZ555K/DZ556KB)



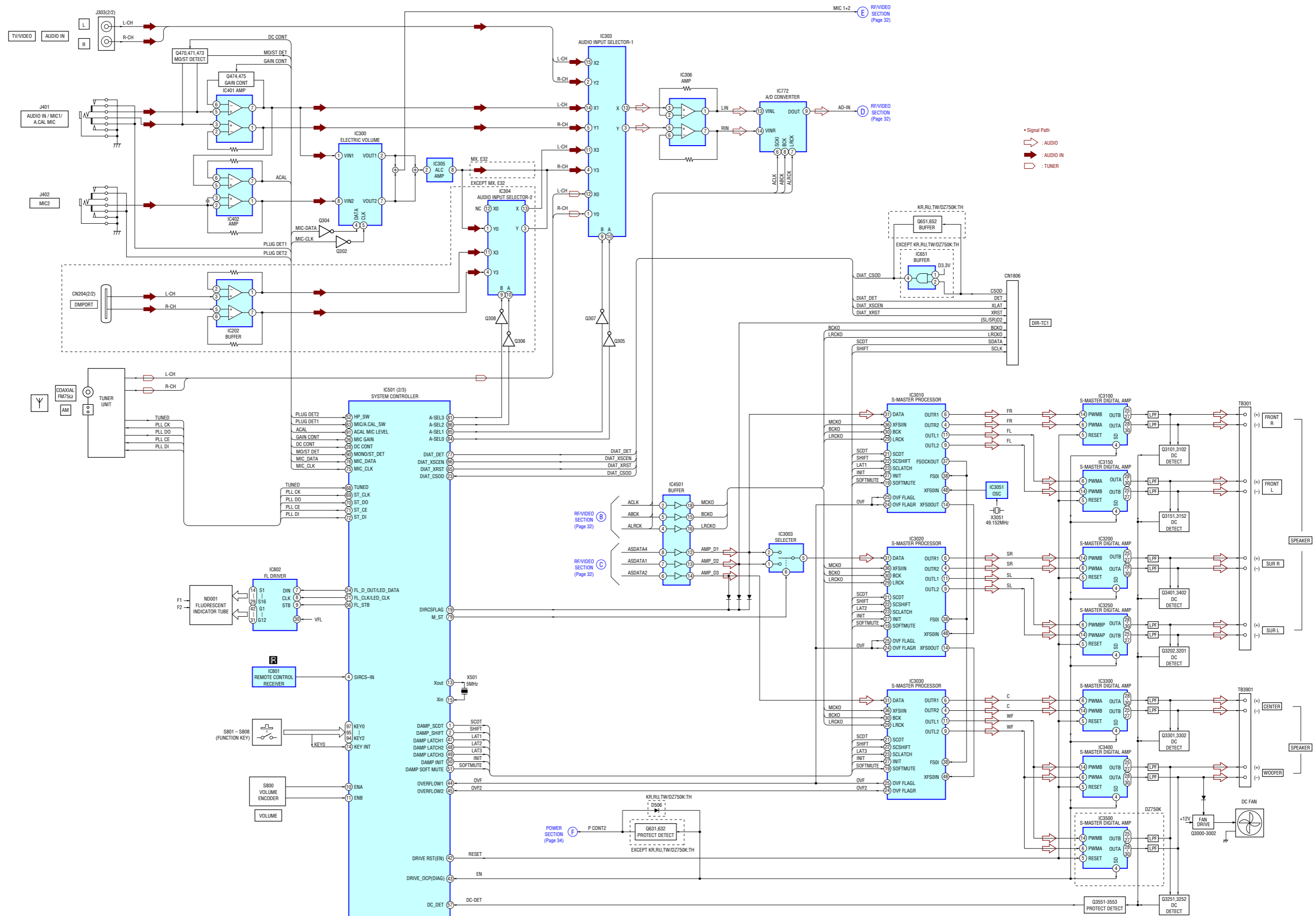
(DZ750K)



6-1. BLOCK DIAGRAM – RF/VIDEO SECTION –

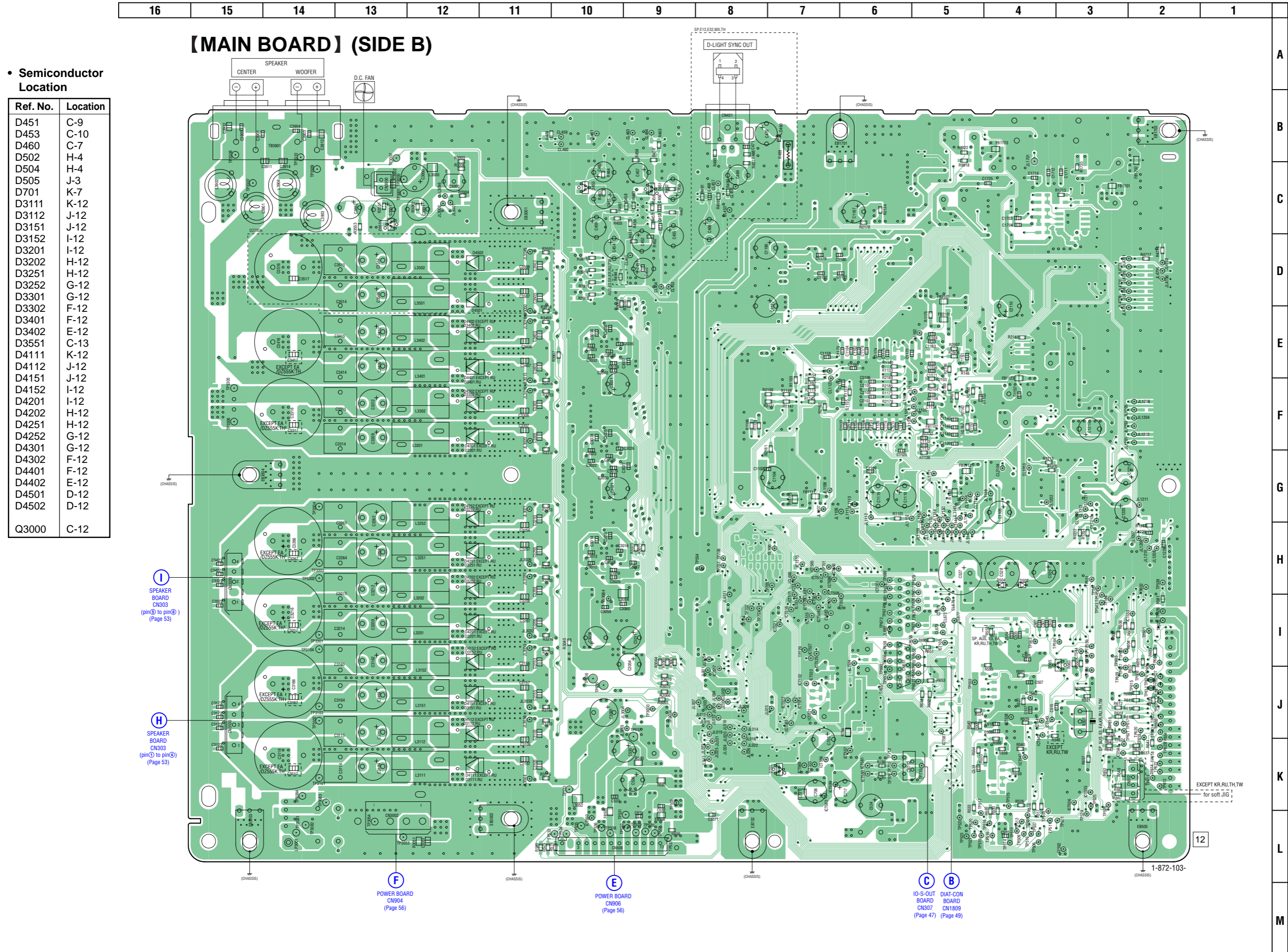


6-2. BLOCK DIAGRAM – AUDIO/AMP SECTION –

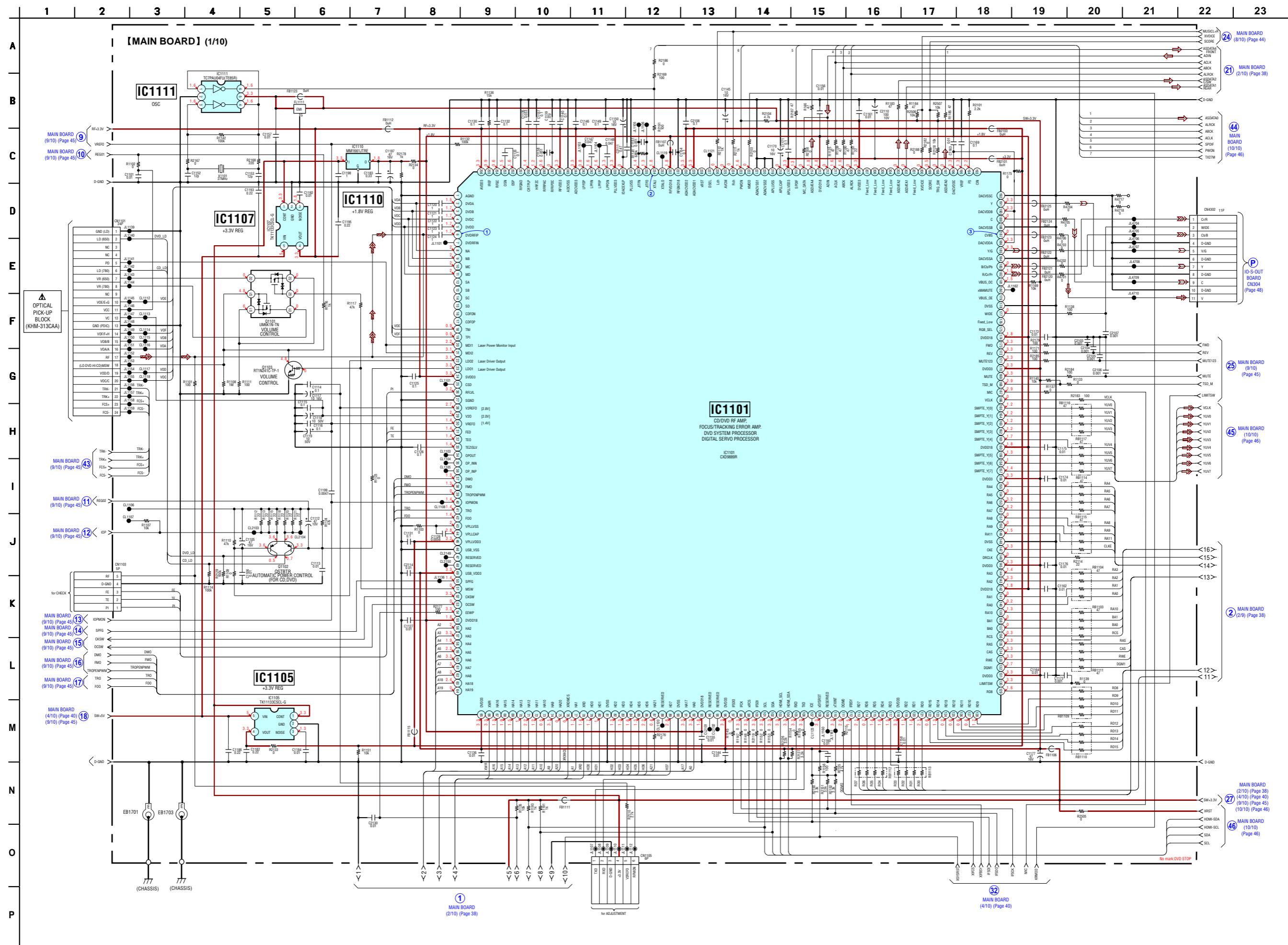


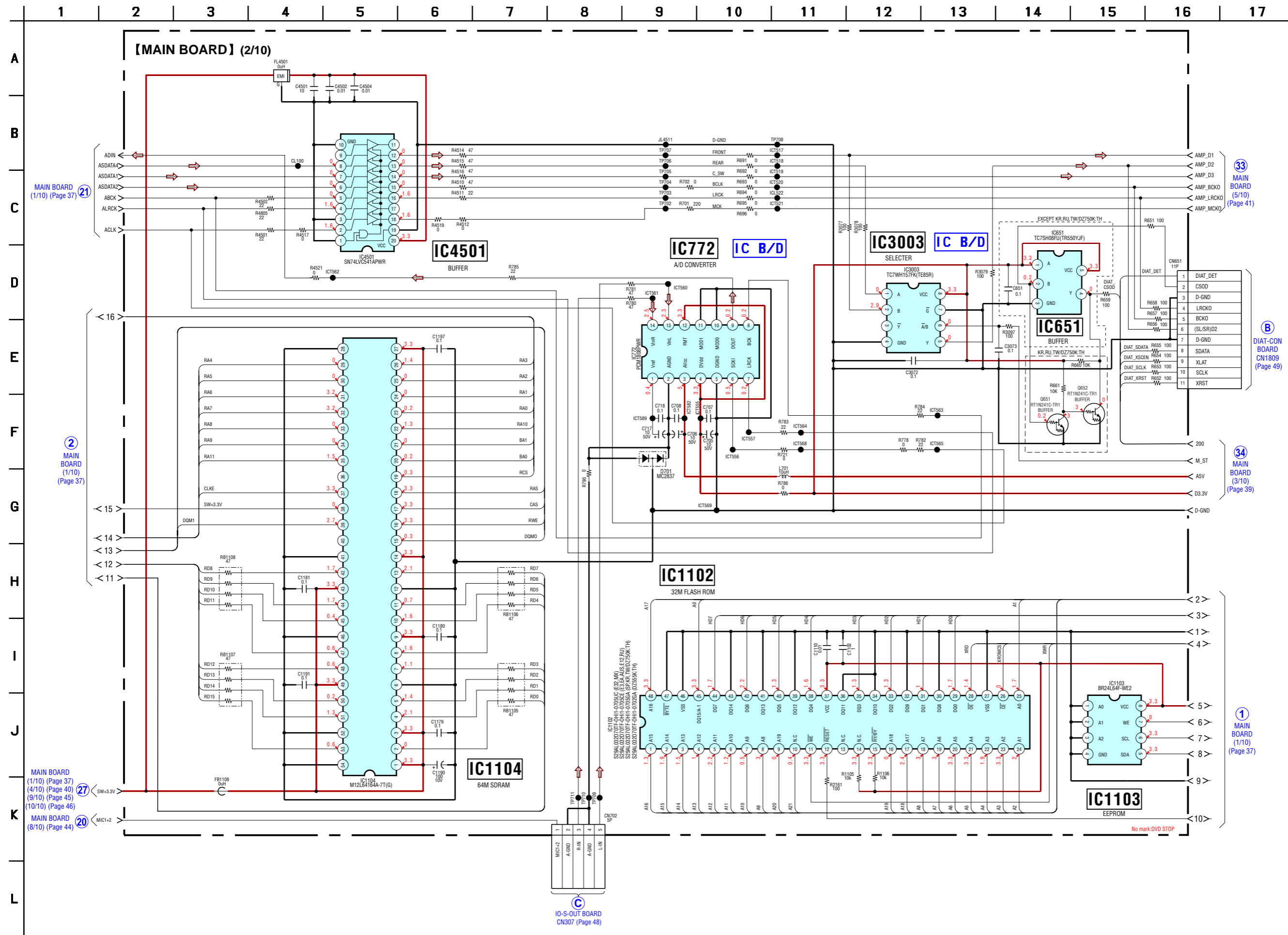
• Semiconductor Location

Ref. No.	Location
D451	C-9
D453	C-10
D460	C-7
D502	H-4
D504	H-4
D505	J-3
D701	K-7
D3111	K-12
D3112	J-12
D3151	J-12
D3152	I-12
D3201	I-12
D3202	H-12
D3251	H-12
D3252	G-12
D3301	G-12
D3302	F-12
D3401	F-12
D3402	E-12
D3551	C-13
D4111	K-12
D4112	J-12
D4151	J-12
D4152	I-12
D4201	I-12
D4202	H-12
D4251	H-12
D4252	G-12
D4301	G-12
D4302	F-12
D4401	F-12
D4402	E-12
D4501	D-12
D4502	D-12
Q3000	C-12



6-6. SCHEMATIC DIAGRAM – MAIN BOARD (1/10) – • See page 58 for Waveforms. • See page 64 for IC Pin Function Description.





MAIN BOARD (1/10) (Page 37) 21

2 MAIN BOARD (1/10) (Page 37)

MAIN BOARD (1/10) (Page 37) 27

MAIN BOARD (1/10) (Page 40) 28

MAIN BOARD (1/10) (Page 45) 29

MAIN BOARD (1/10) (Page 46) 30

MAIN BOARD (1/10) (Page 44) 20

33 MAIN BOARD (5/10) (Page 41)

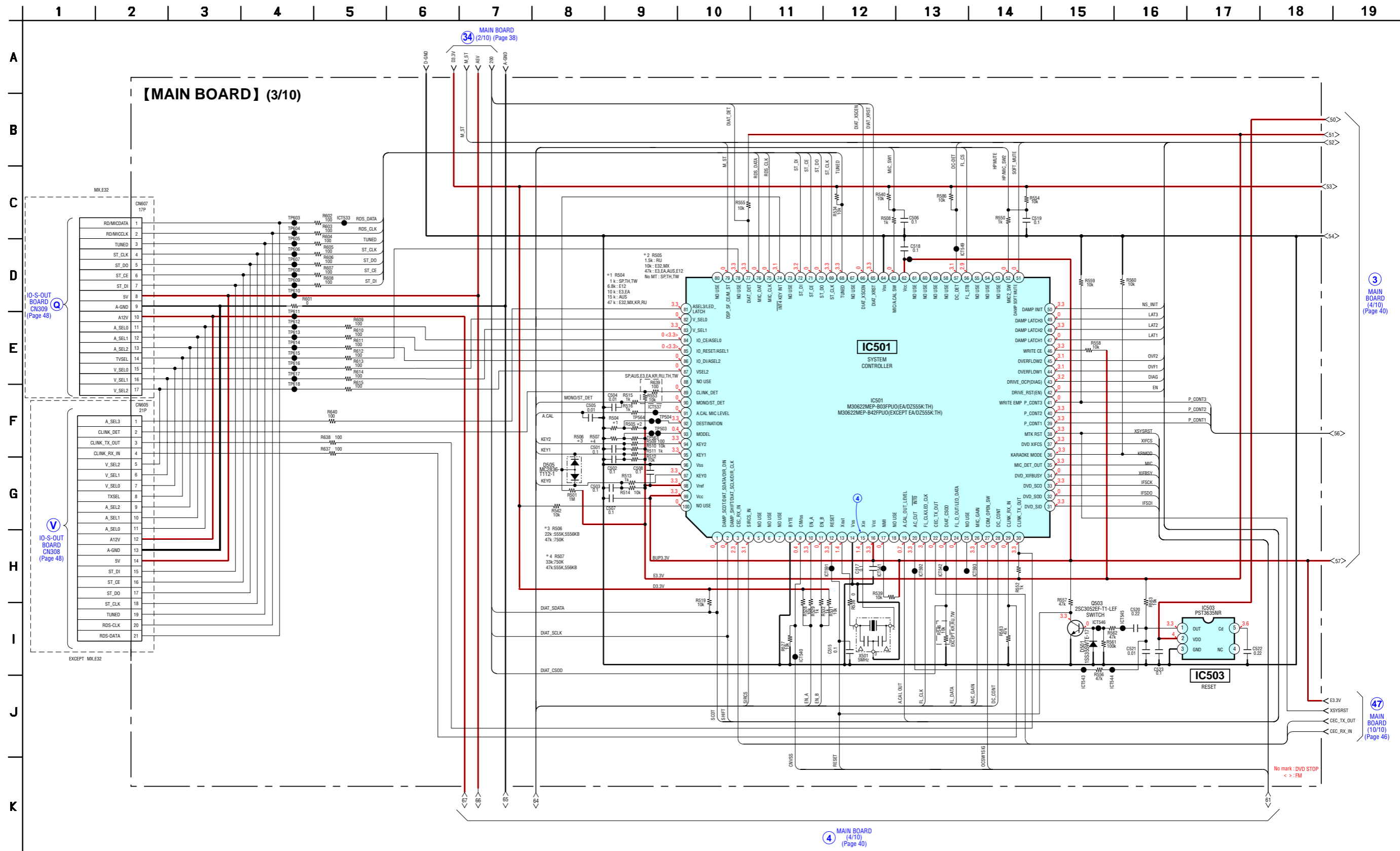
B DIAT-CON BOARD CN1809 (Page 49)

34 MAIN BOARD (3/10) (Page 39)

1 MAIN BOARD (1/10) (Page 37)

C IO-S-OUT BOARD CN307 (Page 48)

6-8. SCHEMATIC DIAGRAM – MAIN BOARD (3/10) – • See page 58 for Waveform. • See page 69 for IC Pin Function Description.

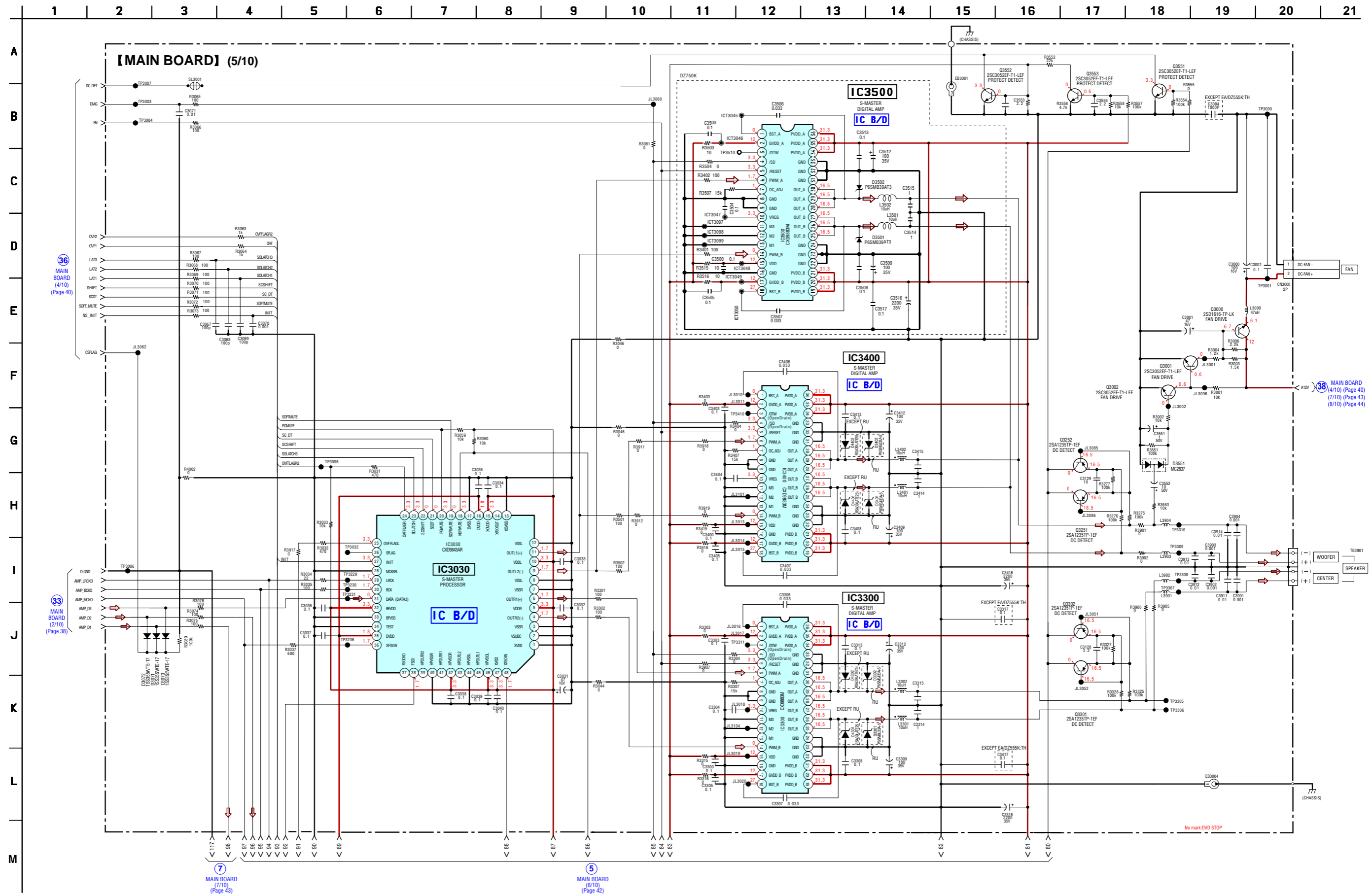


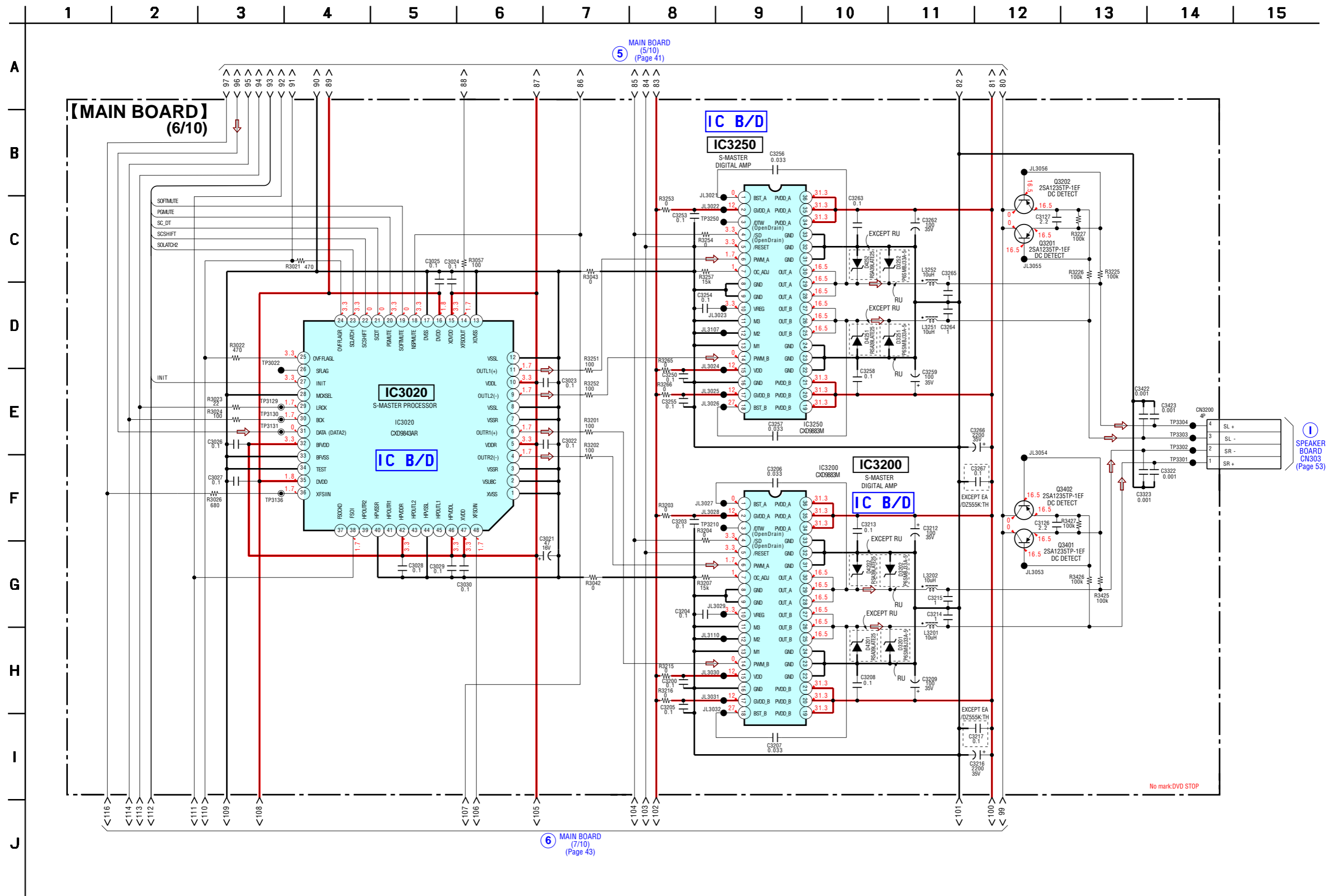
3 MAIN BOARD (4/10) (Page 40)

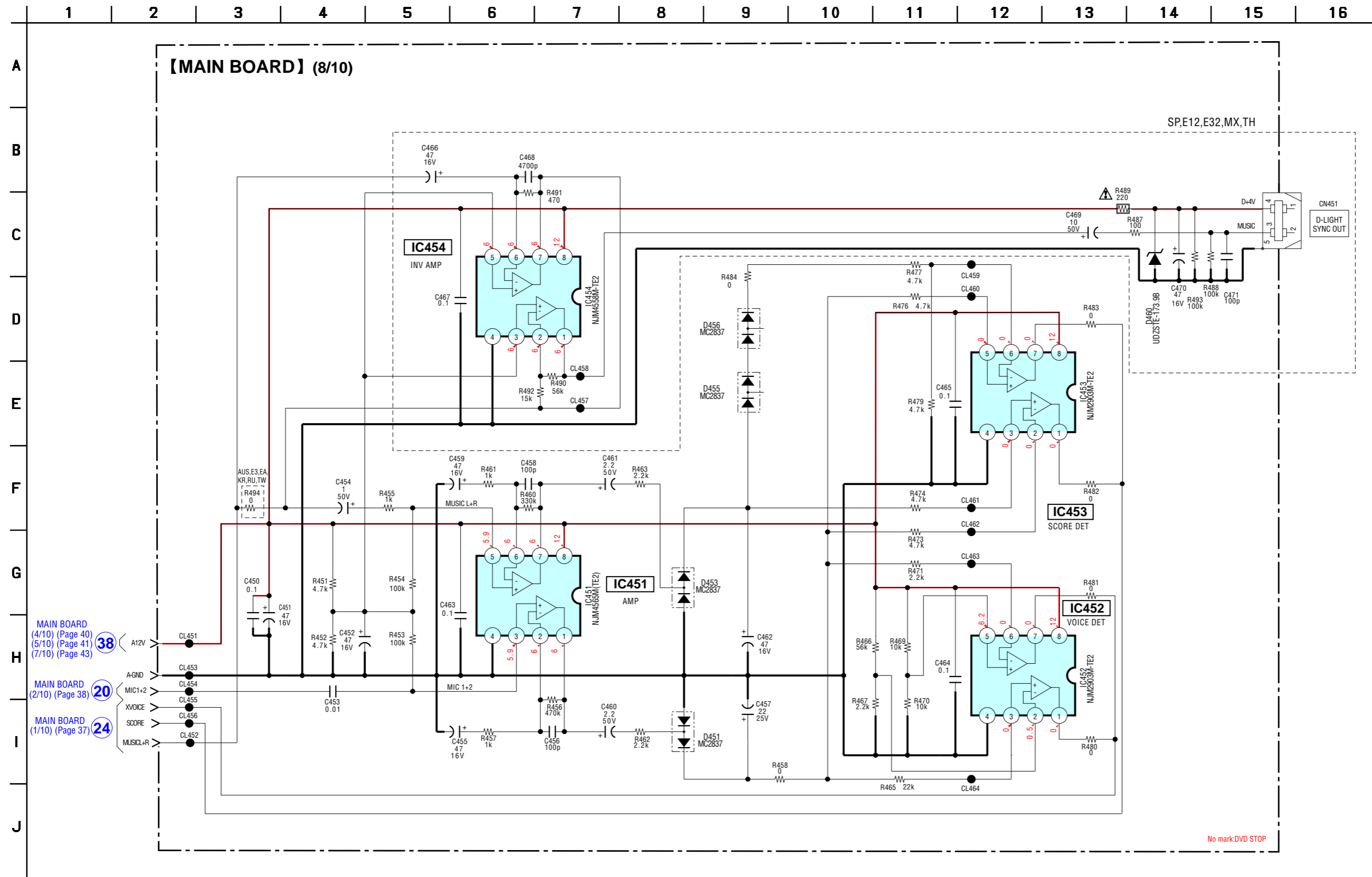
47 MAIN BOARD (10/10) (Page 46)

4 MAIN BOARD (4/10) (Page 40)

6-10. SCHEMATIC DIAGRAM – MAIN BOARD (5/10) – • See page 59, 60 for IC Block Diagrams.







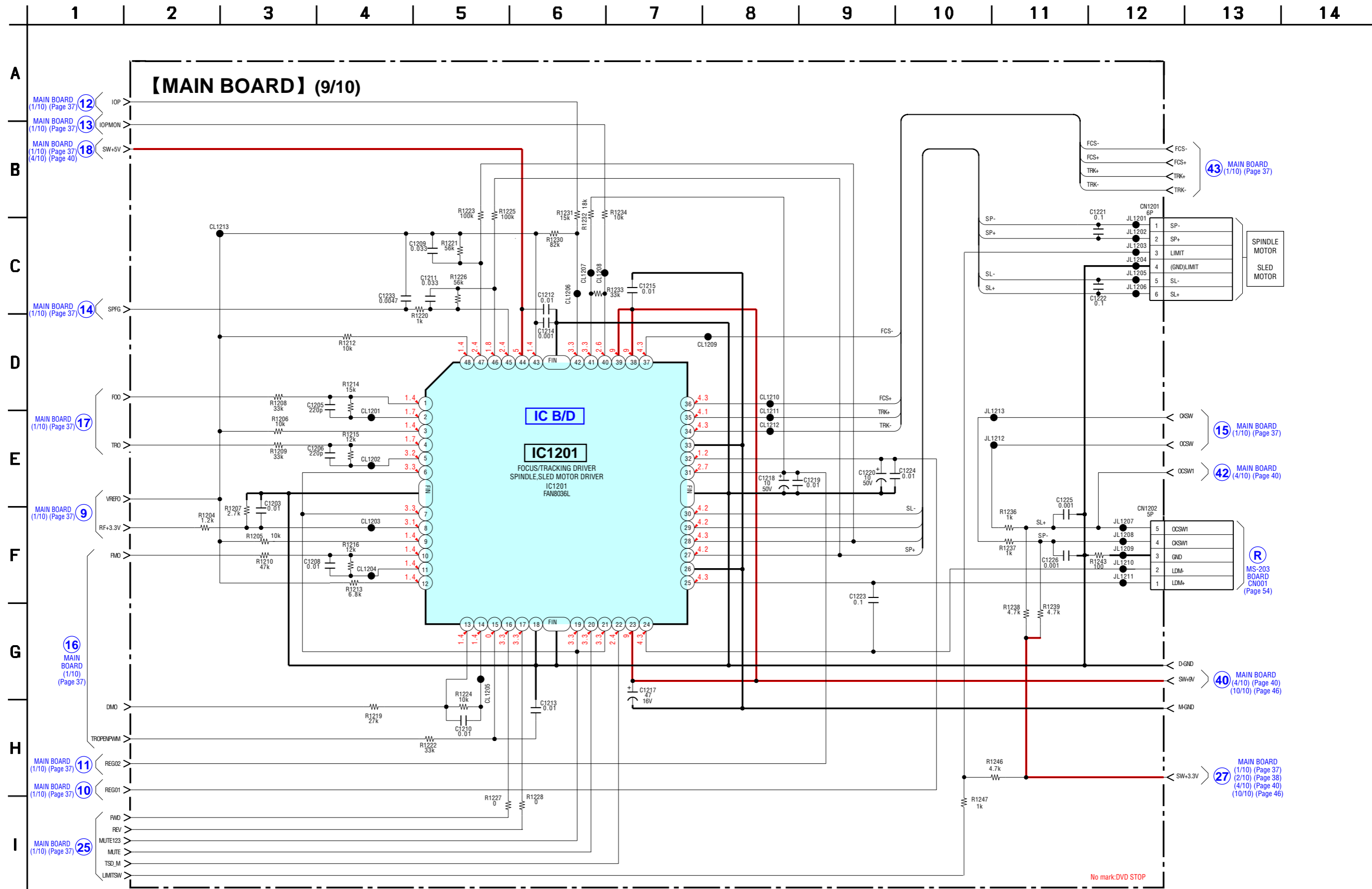
MAIN BOARD
(4/10) (Page 40)
(5/10) (Page 41)
(7/10) (Page 43)


MAIN BOARD
(2/10) (Page 38)

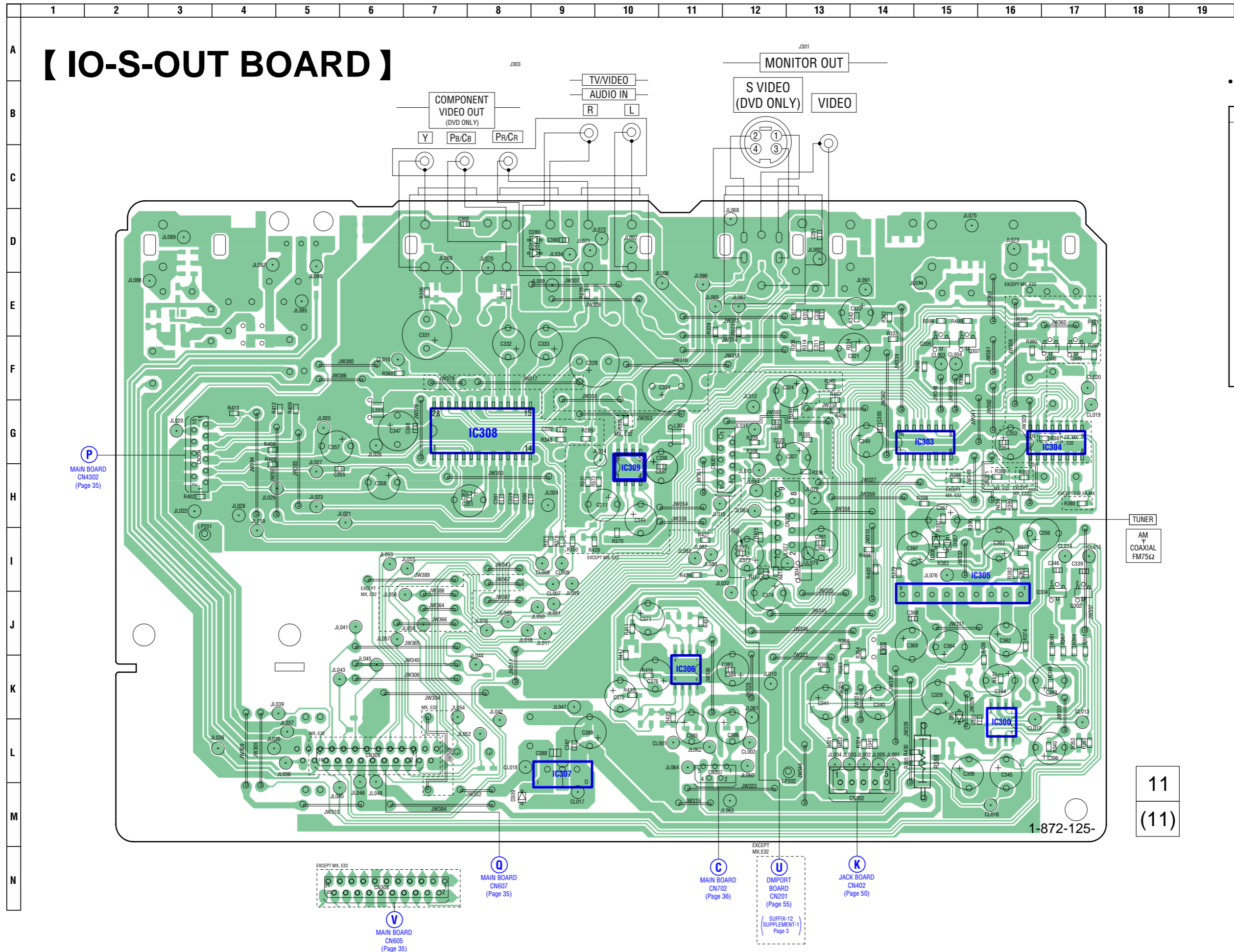
MAIN BOARD
(1/10) (Page 37)

No mark: DVD STOP

6-14. SCHEMATIC DIAGRAM – MAIN BOARD (9/10) – • See page 58 for IC Block Diagram.



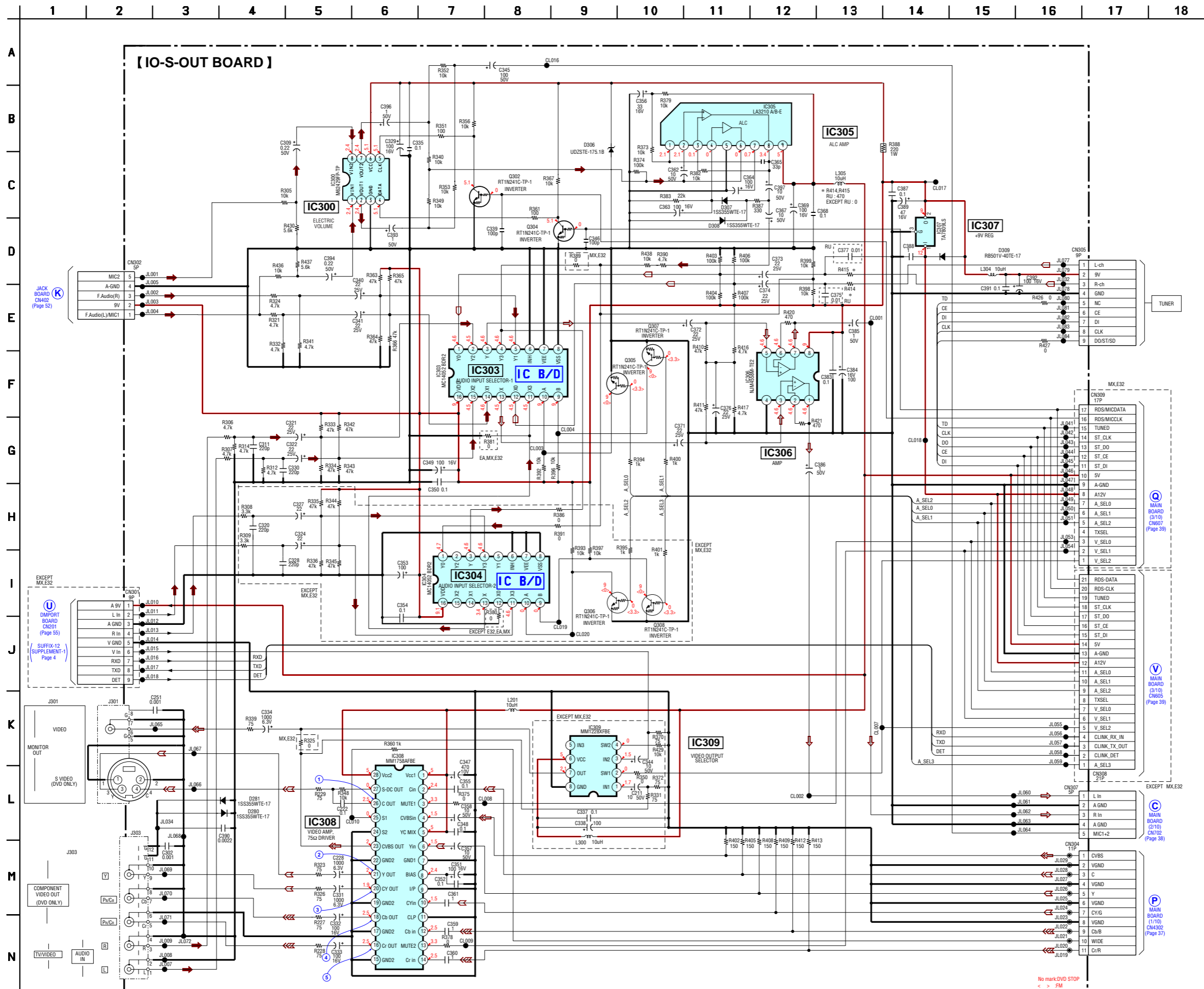
6-16. PRINTED WIRING BOARD – IO-S-OUT BOARD – • See page 31 for Circuit Boards Location.  :Uses unleaded solder.



• Semiconductor Location

Ref. No.	Location
D280	D-9
D281	D-9
D306	L-15
D307	I-15
D308	I-15
D309	M-8
IC300	L-16
IC303	G-15
IC304	G-17
IC305	J-16
IC306	K-11
IC307	L-9
IC308	G-8
IC309	N-10
Q302	J-17
Q304	J-17
Q305	E-15
Q306	F-17
Q307	E-15
Q308	F-17

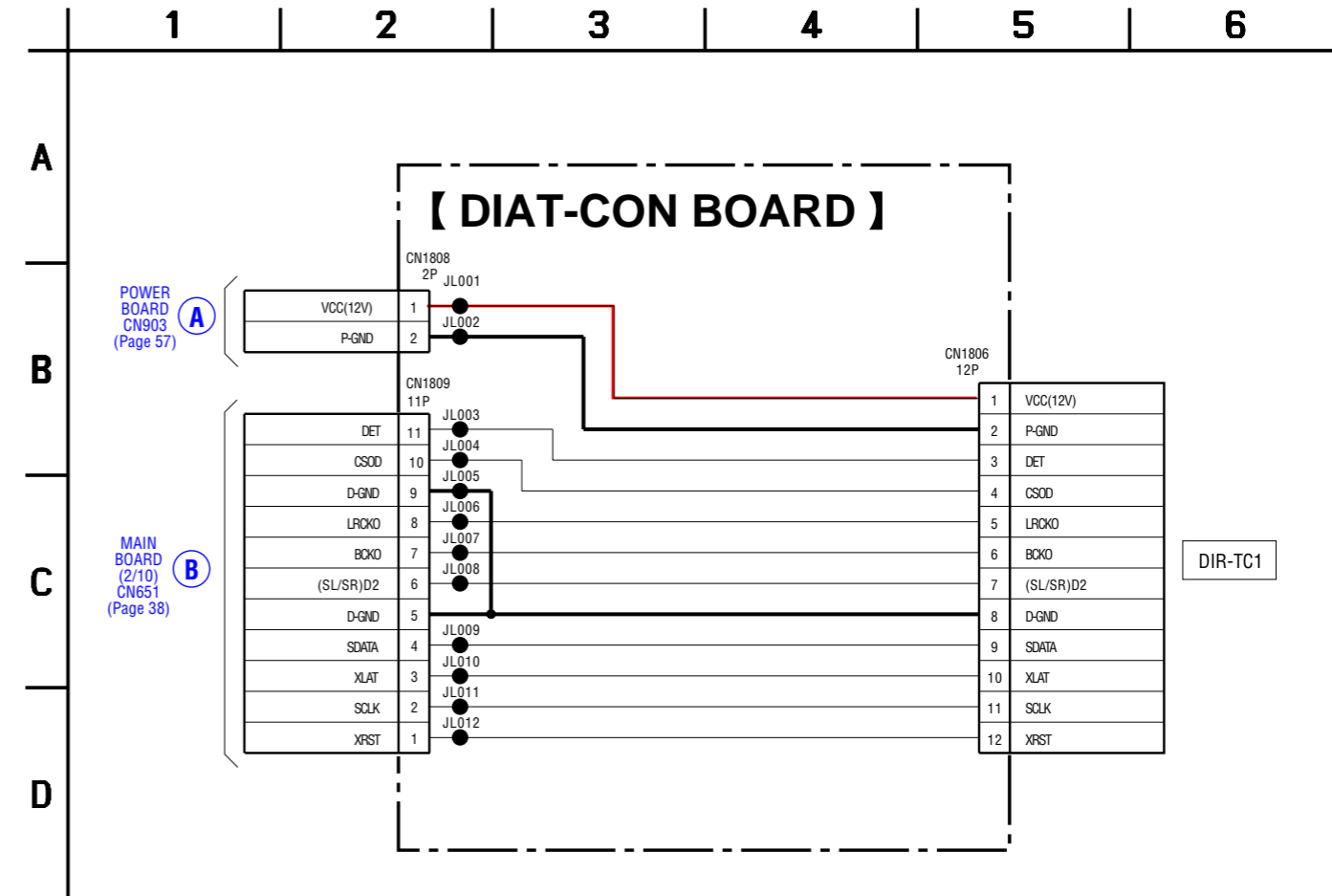
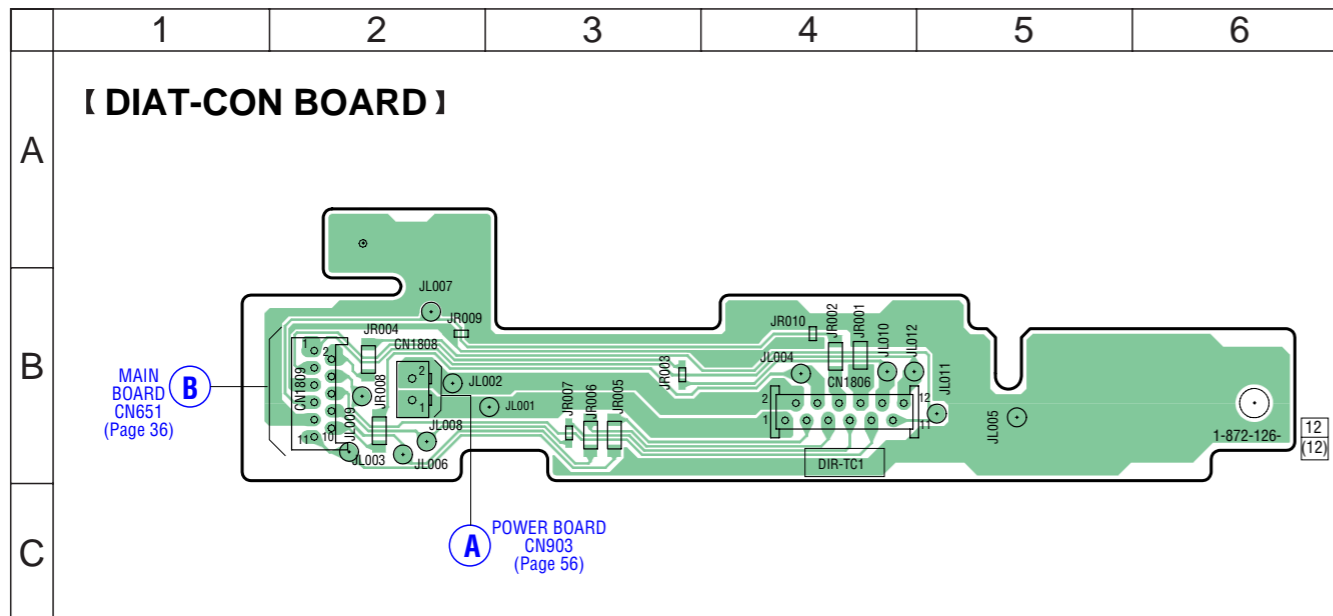
11
(11)

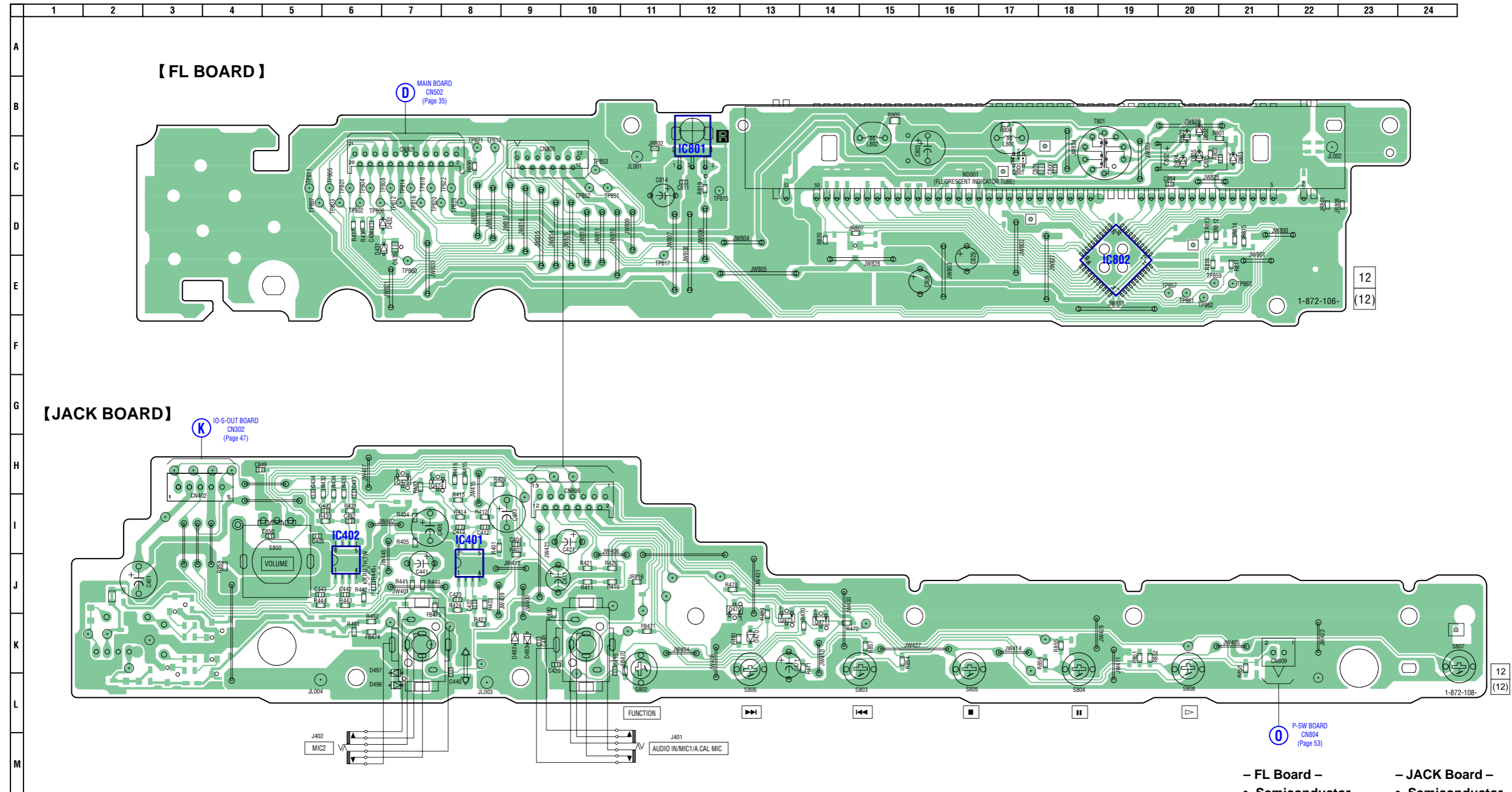


6-18. PRINTED WIRING BOARD – DIAT-CON BOARD – • See page 31 for Circuit Boards Location.

 :Uses unleaded solder.

6-19. SCHEMATIC DIAGRAM – DIAT-CON BOARD –



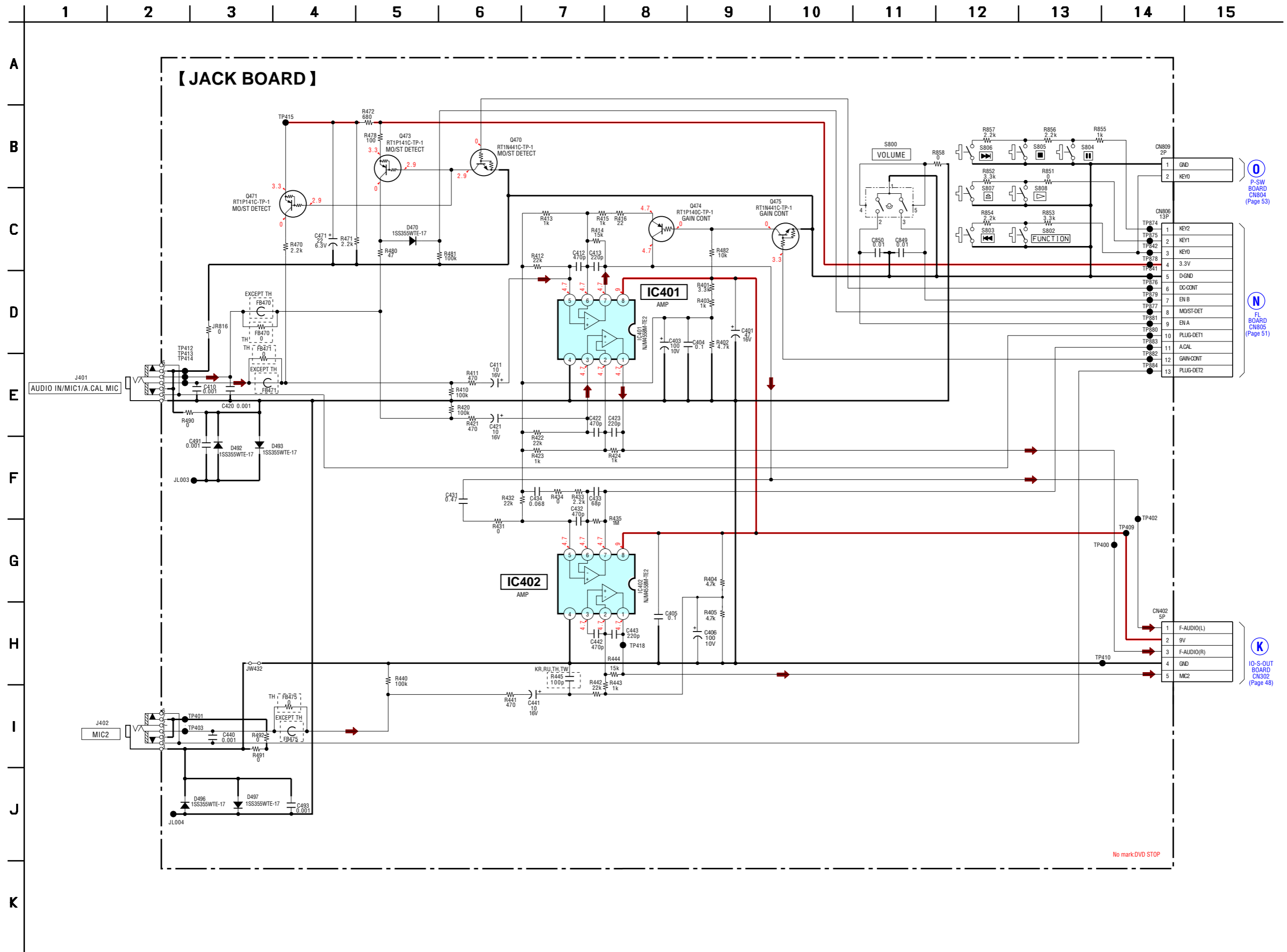


– FL Board –
• Semiconductor Location

Ref. No.	Location
D431	D-7
D432	D-7
D801	B-20
D802	B-20
D803	C-21
D804	C-20
D805	C-20
IC801	C-12
IC802	E-19
Q801	C-17

– JACK Board –
• Semiconductor Location

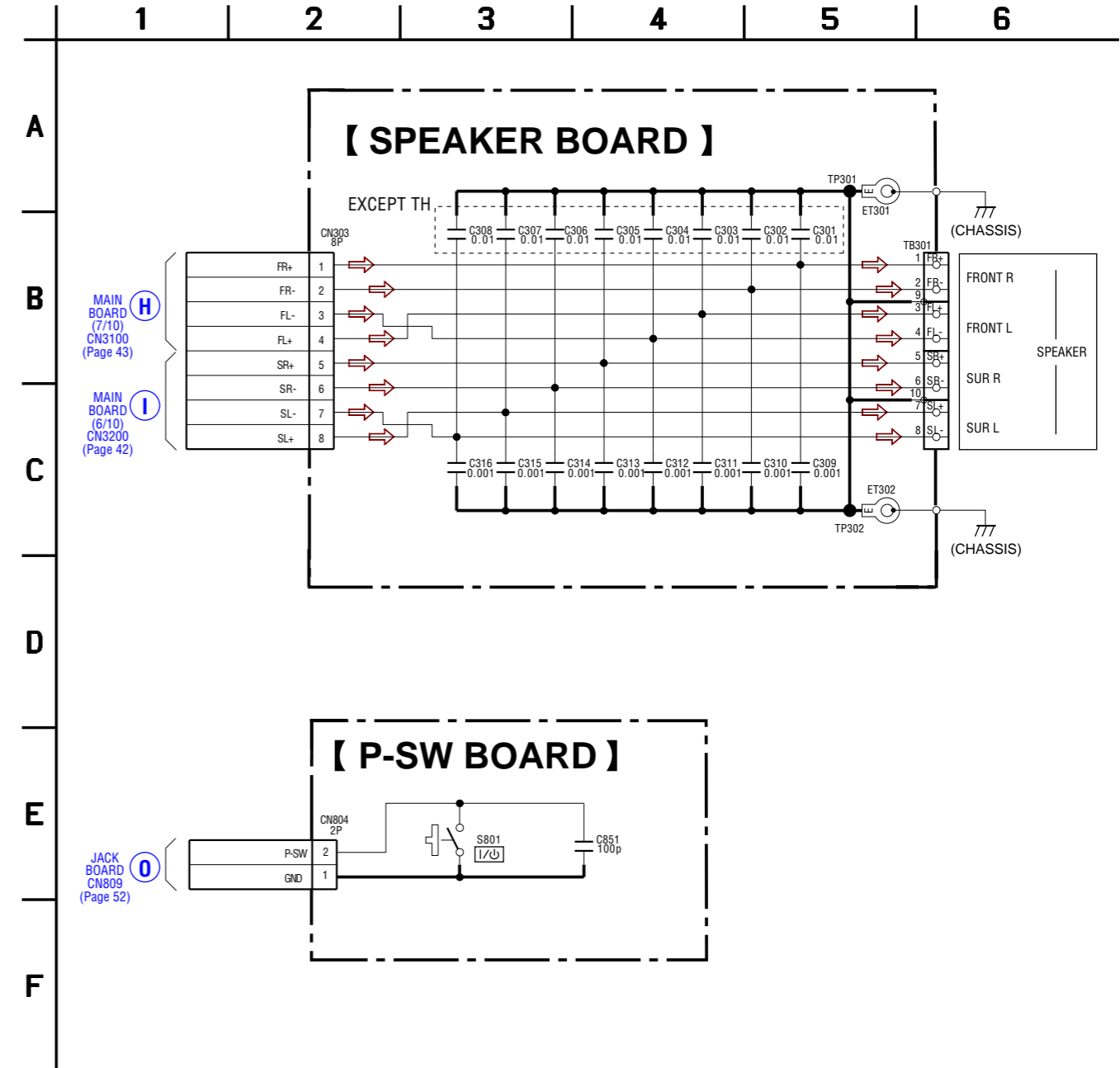
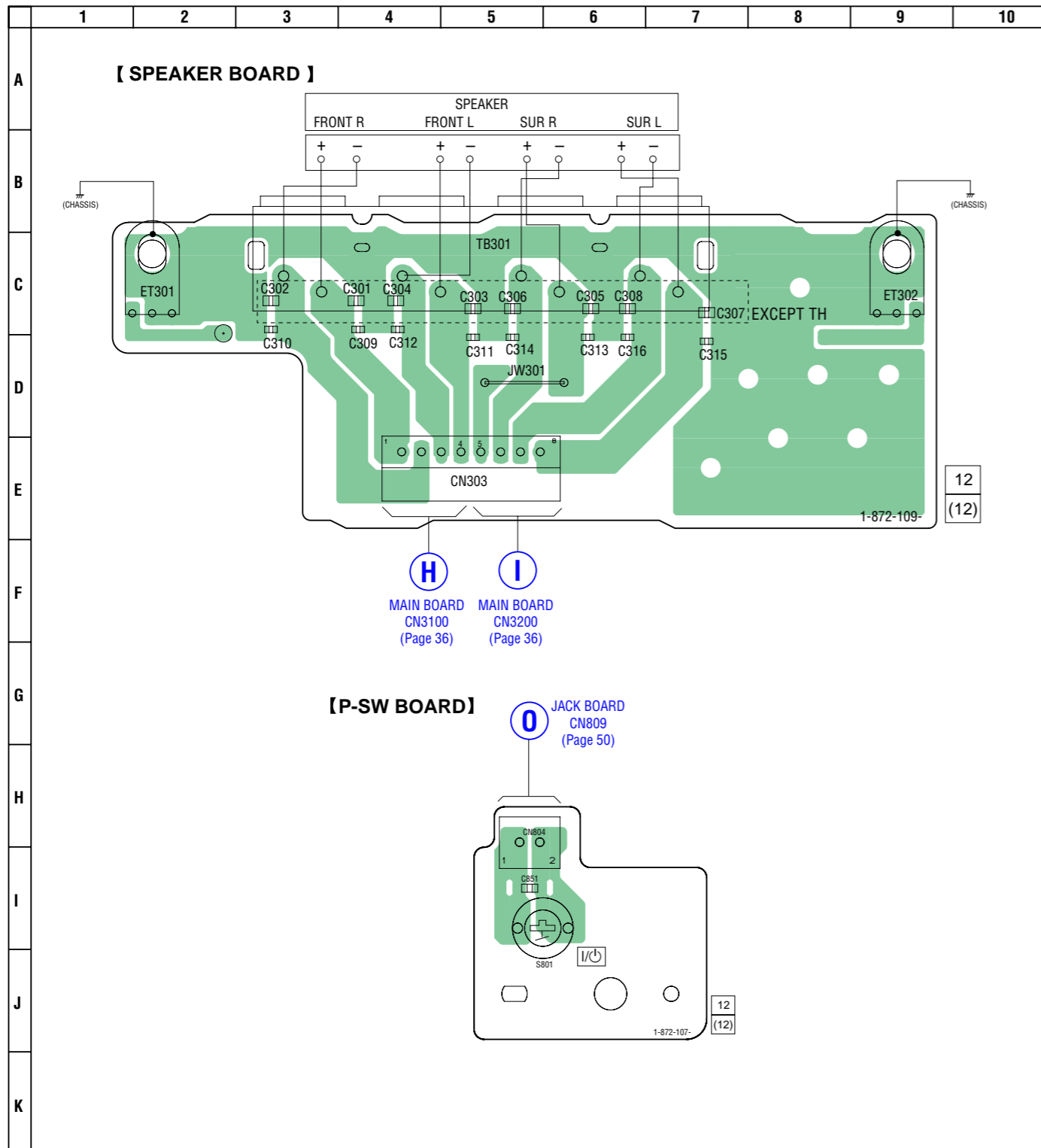
Ref. No.	Location
D470	K-13
D492	K-9
D493	K-9
D496	L-7
D497	K-7
IC401	J-8
IC402	J-6
Q470	J-12
Q471	K-14
Q473	K-13
Q474	H-7
Q475	H-7



6-23. PRINTED WIRING BOARDS – SPEAKER, P-SW BOARD – • See page 31 for Circuit Boards Location.

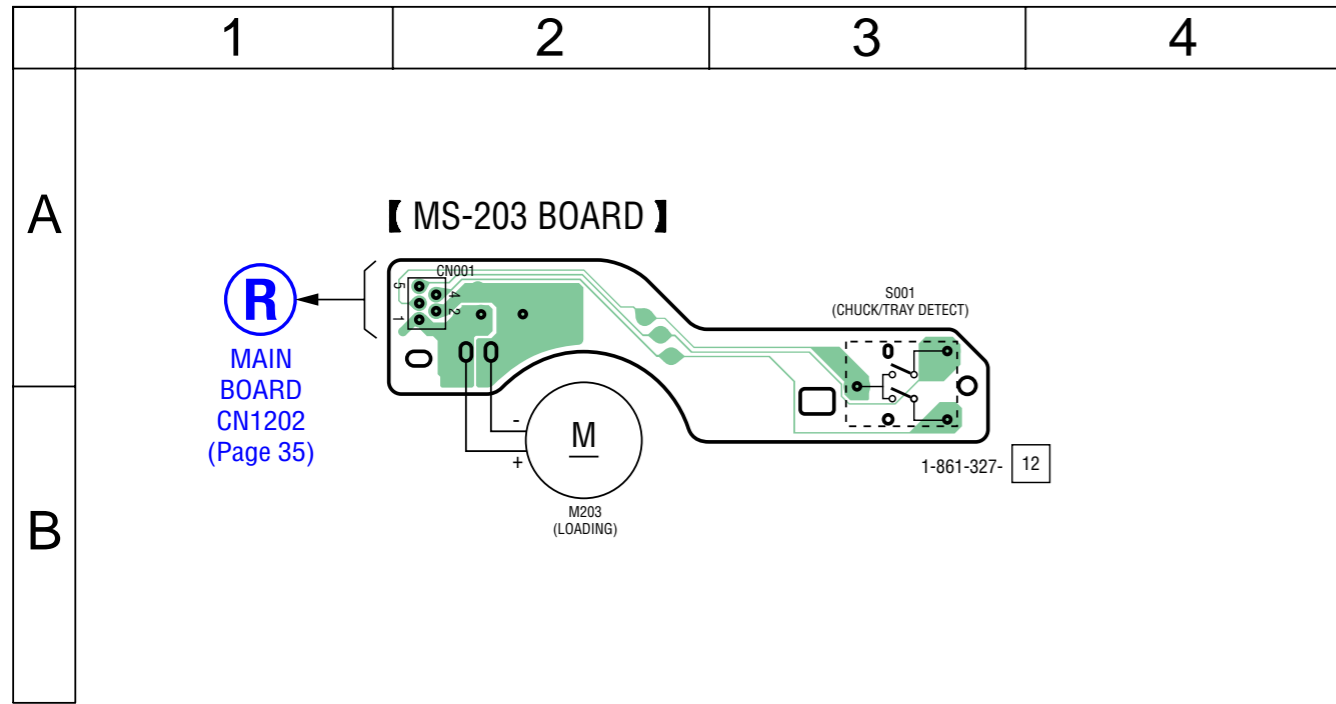
 :Uses unleaded solder.

6-24. SCHEMATIC DIAGRAM – SPEAKER, P-SW BOARD –

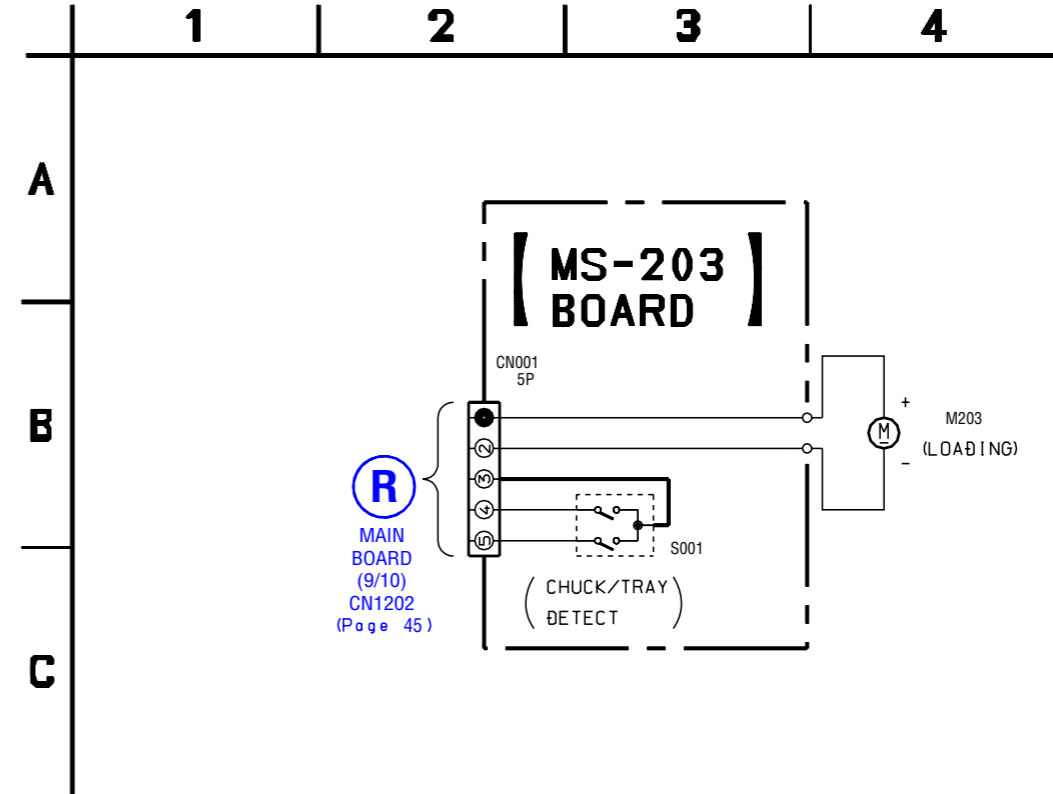


6-25. PRINTED WIRING BOARD – MS-203 BOARD – • See page 31 for Circuit Boards Location.

 :Uses unleaded solder.

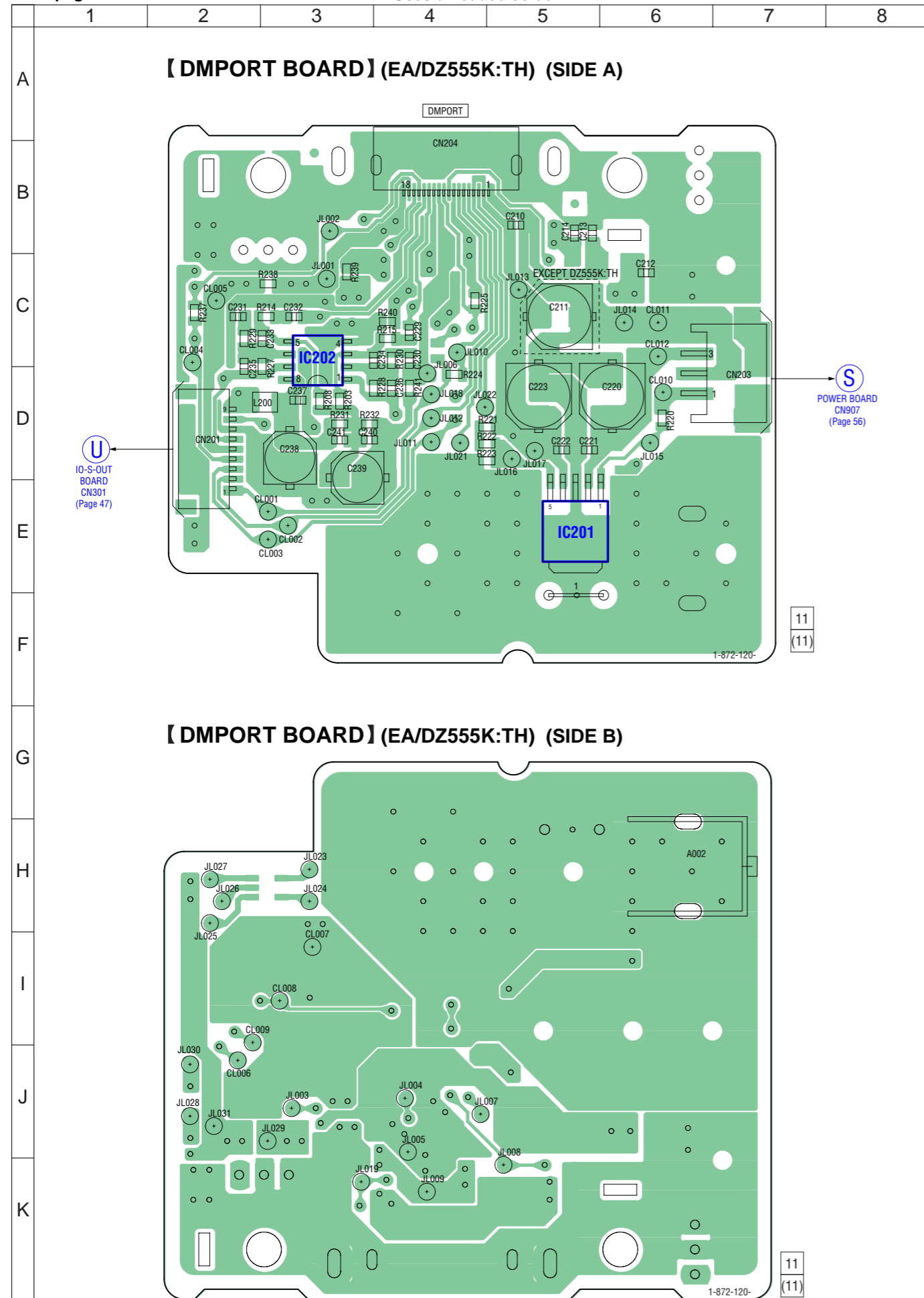


6-26. SCHEMATIC DIAGRAM – MS-203 BOARD –



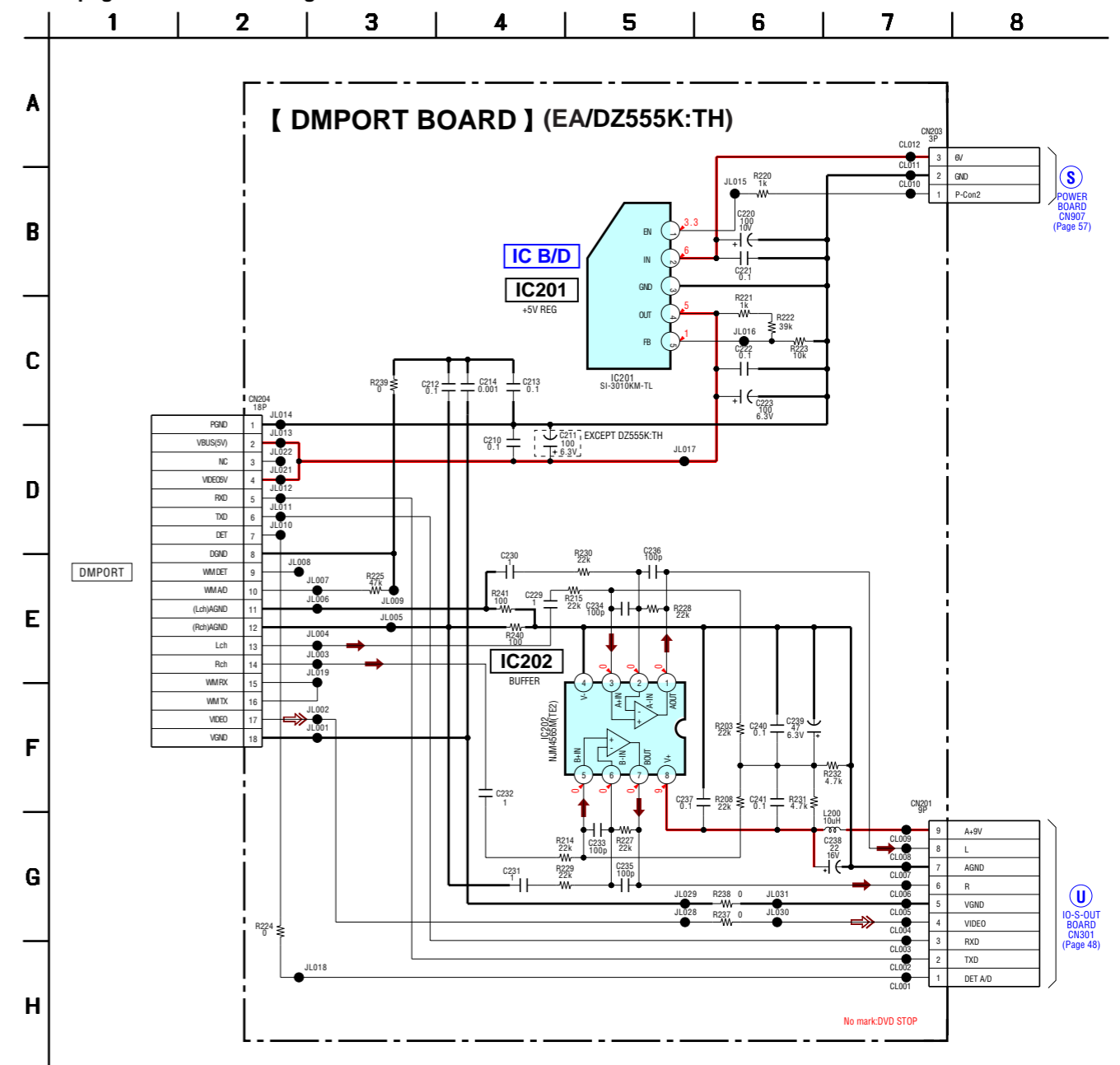
6-27. PRINTED WIRING BOARD – DMPORT BOARD (EA/DZ555K: TH) –

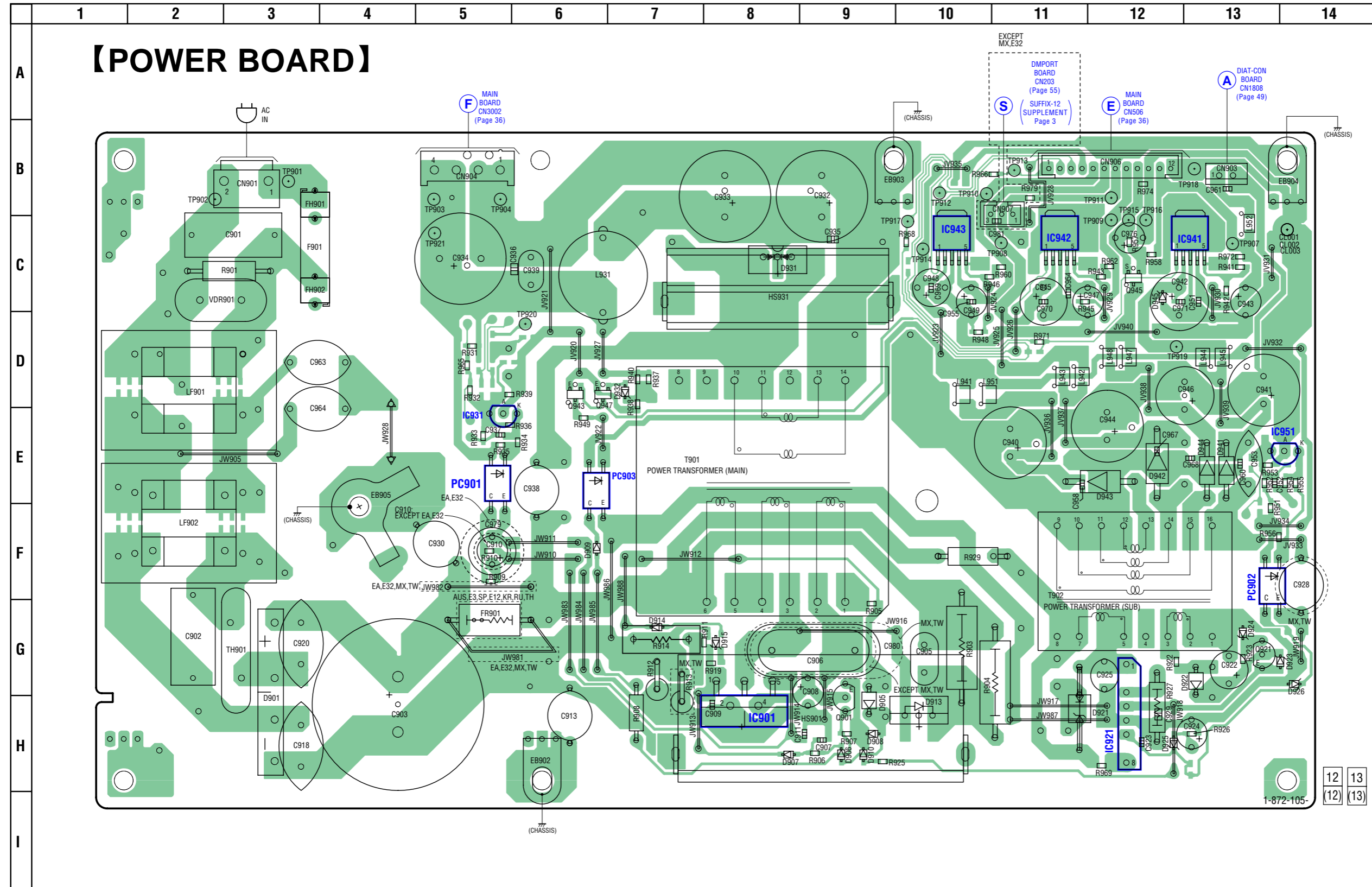
• See page 31 for Circuit Boards Location.  :Uses unleaded solder.



6-28. SCHEMATIC DIAGRAM – DMPORT BOARD (EA/DZ555K: TH) –

• See page 61 for IC Block Diagram.

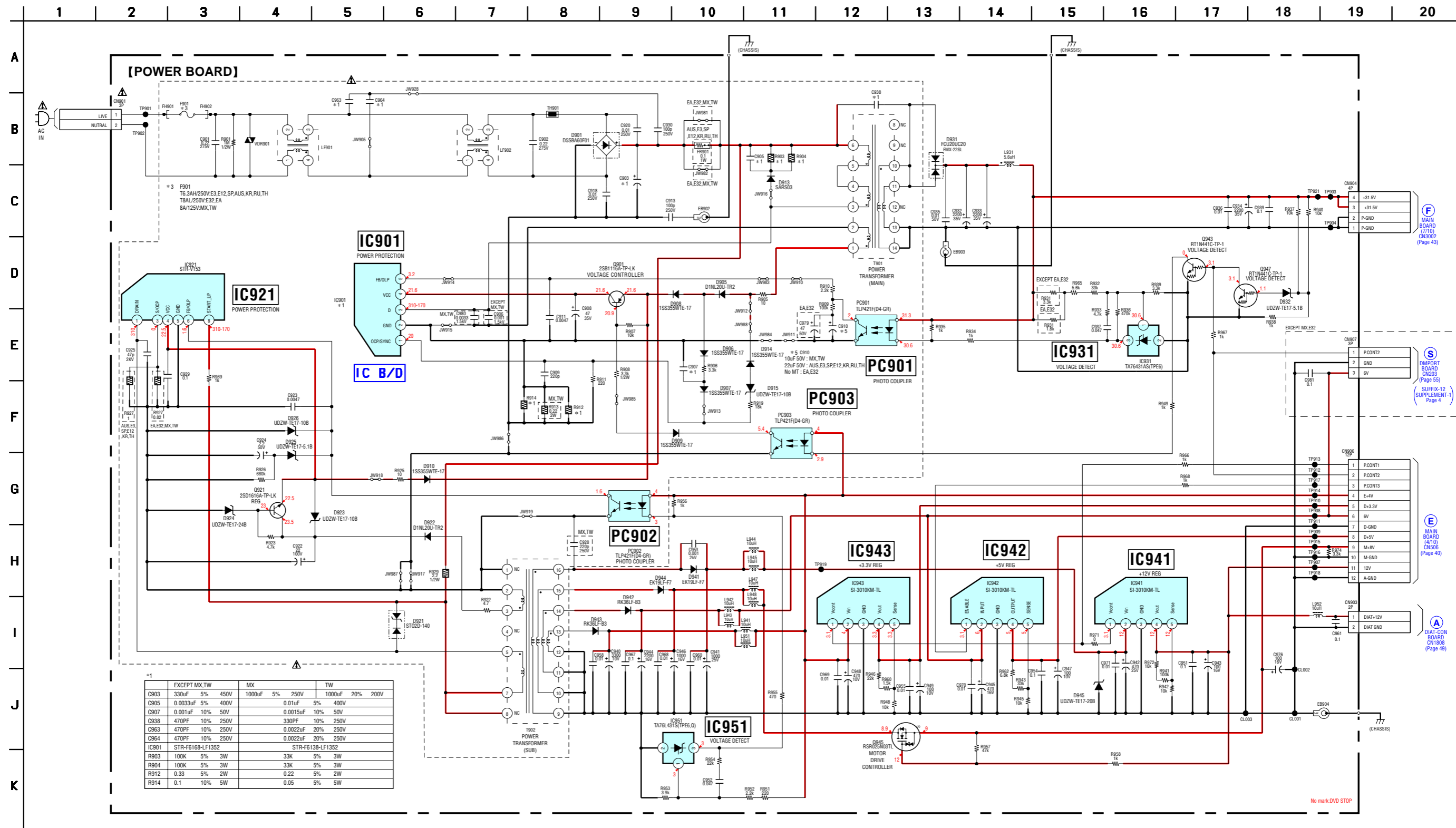




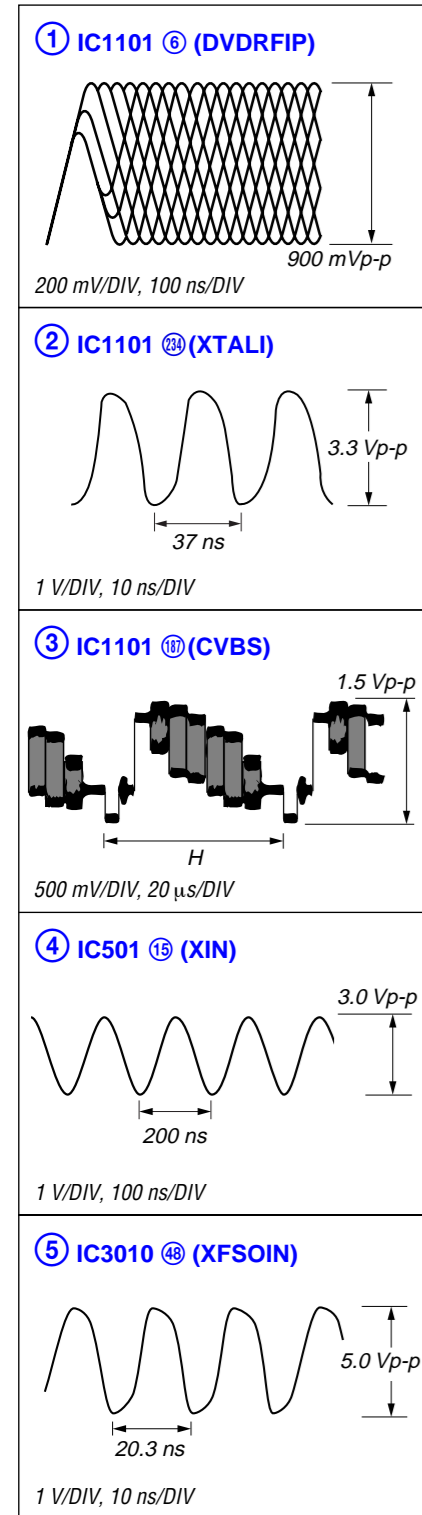
• Semiconductor Location

Ref. No.	Location
D901	G-3
D905	H-9
D906	H-9
D907	H-8
D908	H-9
D909	F-6
D910	H-9
D913	H-10
D914	G-7
D915	G-8
D921	H-11
D922	G-13
D923	G-14
D924	G-13
D925	H-12
D926	G-14
D931	C-8
D932	D-7
D941	E-13
D942	E-12
D943	E-12
D944	E-13
D945	C-12
IC901	H-8
IC921	H-12
IC931	E-5
IC941	C-13
IC942	C-11
IC943	C-10
IC951	E-14
PC901	E-5
PC902	F-13
PC903	E-6
Q901	H-9
Q921	G-13
Q943	D-6
Q945	C-12
Q947	D-6

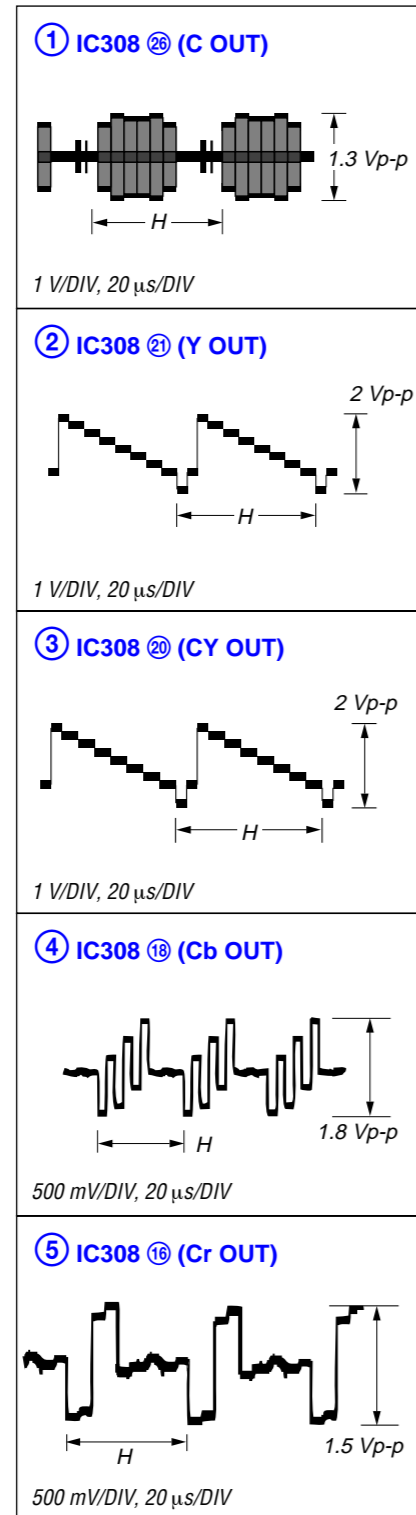
6-30. SCHEMATIC DIAGRAM – POWER BOARD – • See page 63 for IC Block Diagram.



• Waveforms
- MAIN Board -

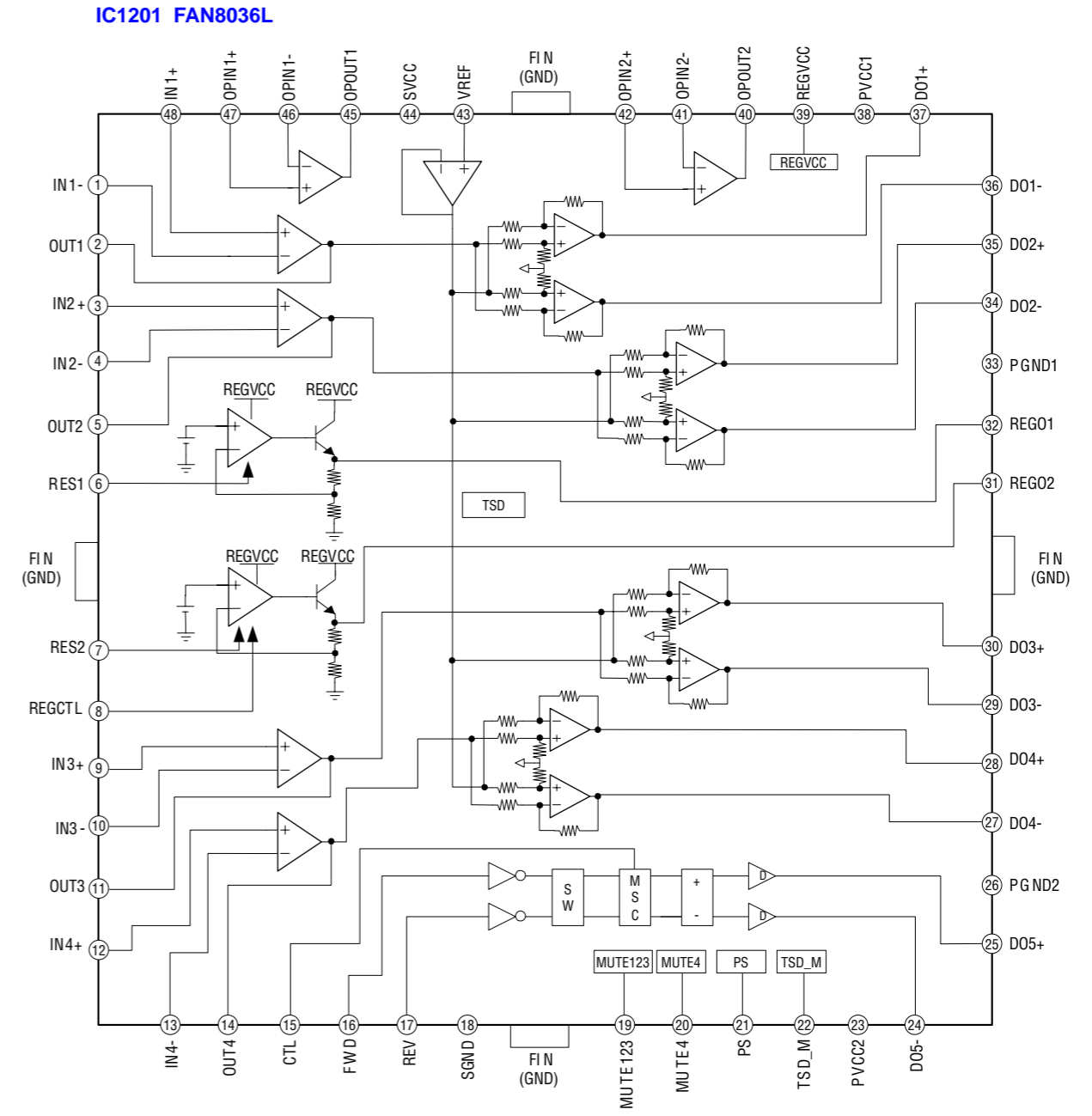


- IO-S-OUT Board -

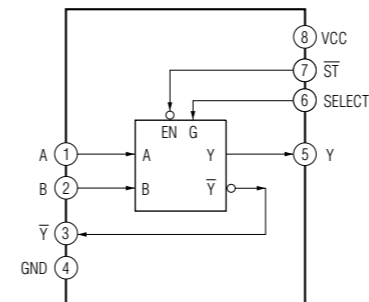


• IC Block Diagrams

- MAIN Board -

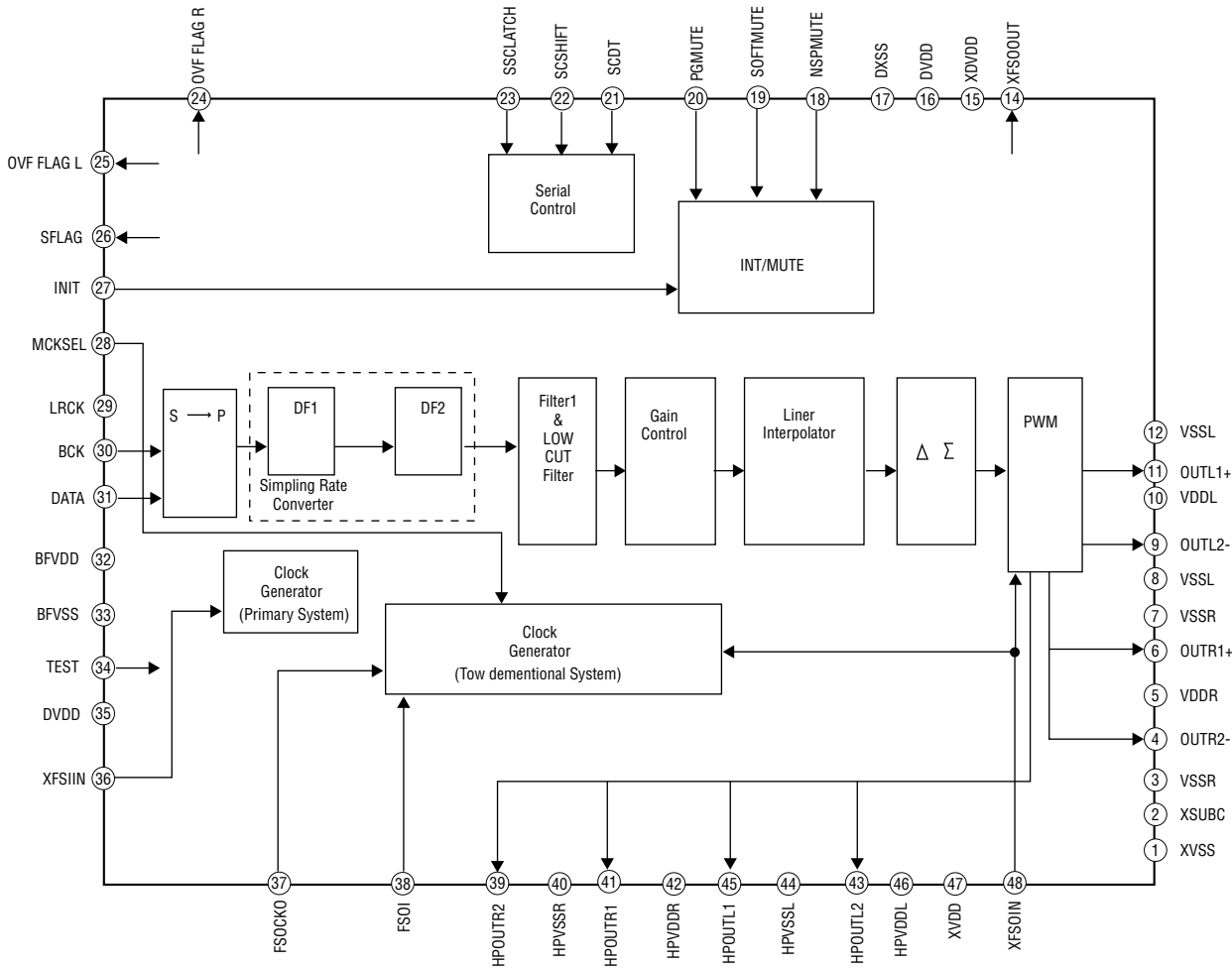


IC3003 TC7WH157FK (TE85R)

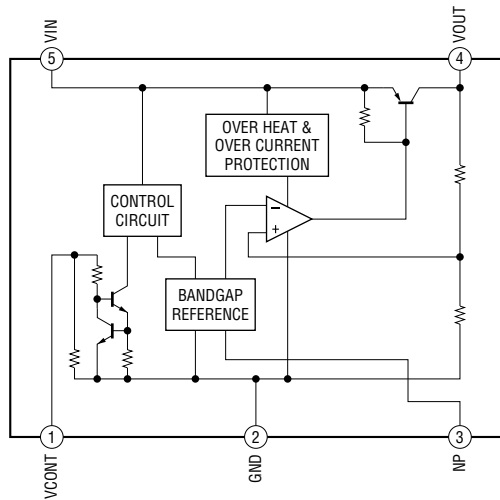


– MAIN Board –

IC3010, IC3020, IC3030 CXD9843AR



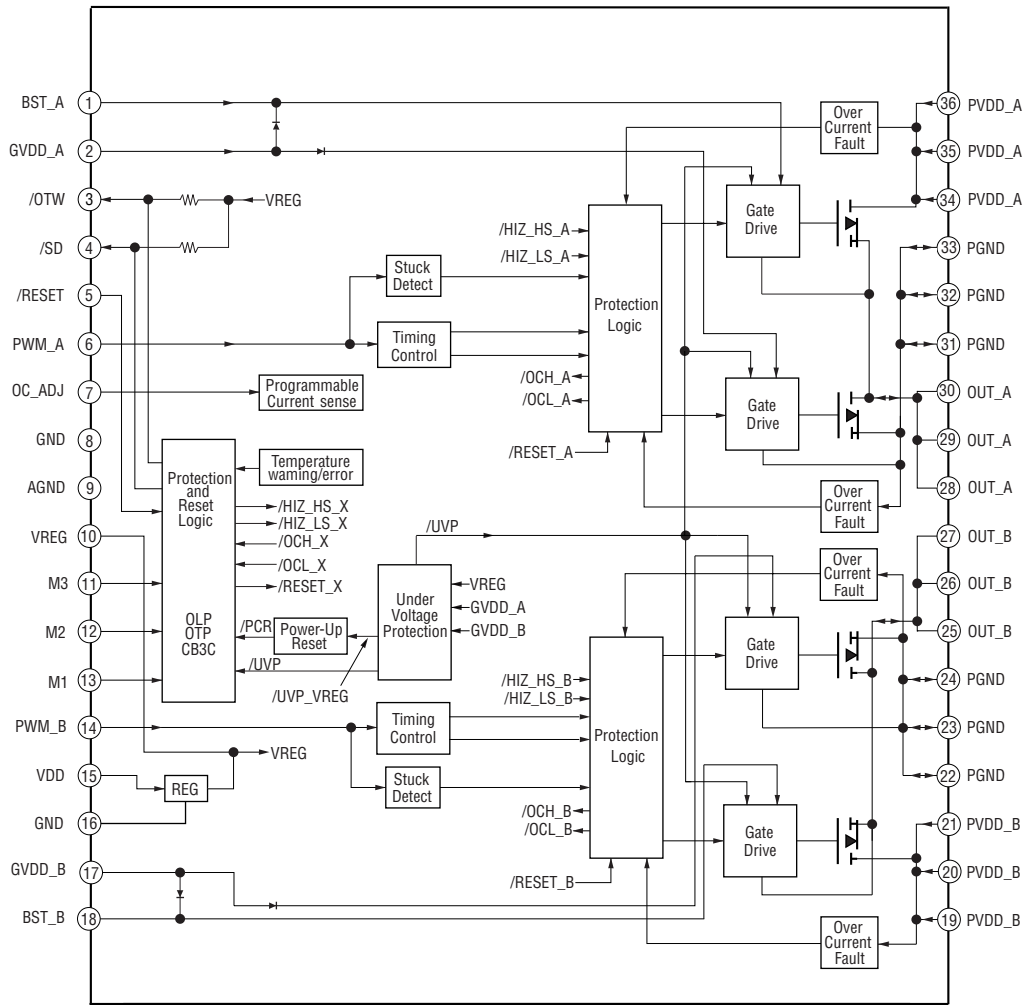
IC3050 TK1118CSCL-G



HCD-DZ555K/DZ556KB/DZ750K

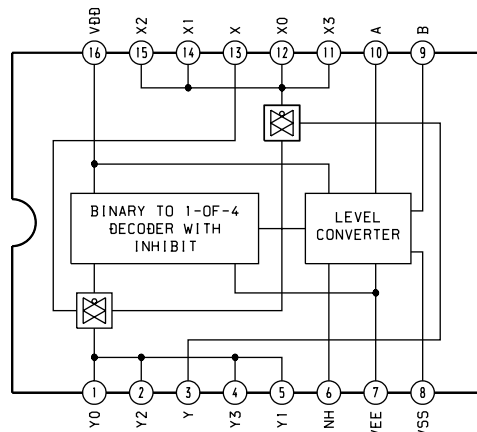
- MAIN Board -

IC3100, IC3150, IC3200, IC3250, IC3300, IC3400, IC3500 CXD9883M



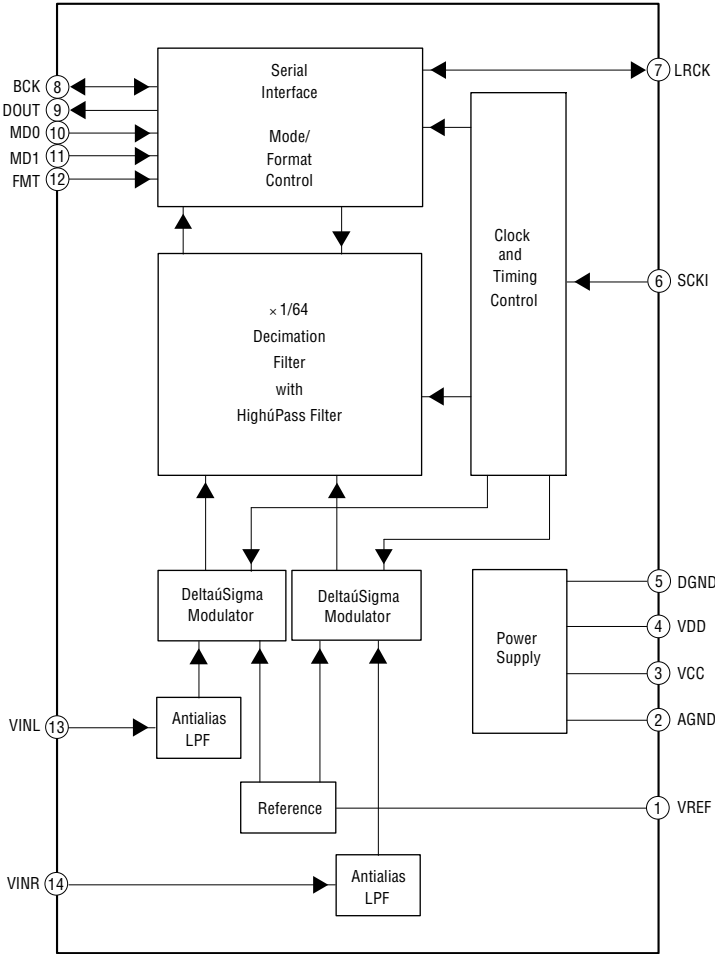
- IO-S-OUT Board -

IC303, IC304 MC14052BDR2



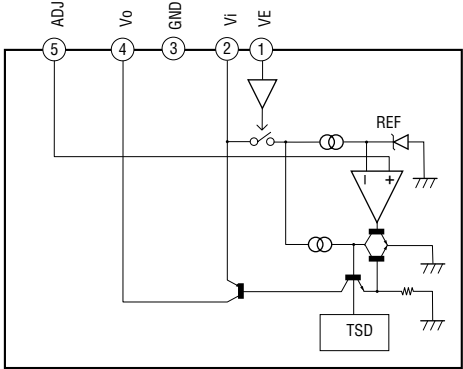
– MAIN Board –

IC772 PCM1808PWR



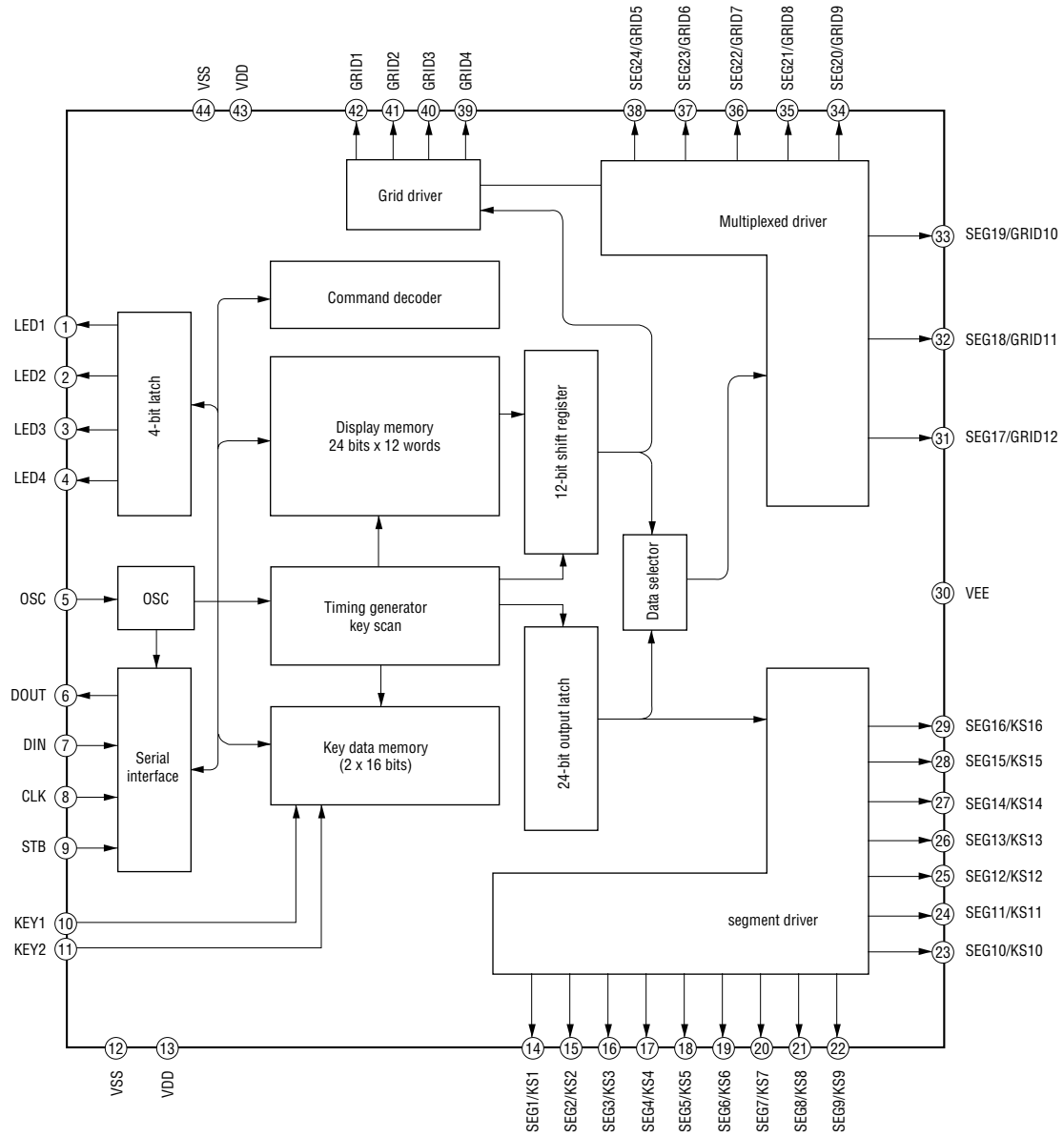
– DMPort Board (Except MX, E32) –

IC201 SI-3010KM-TL



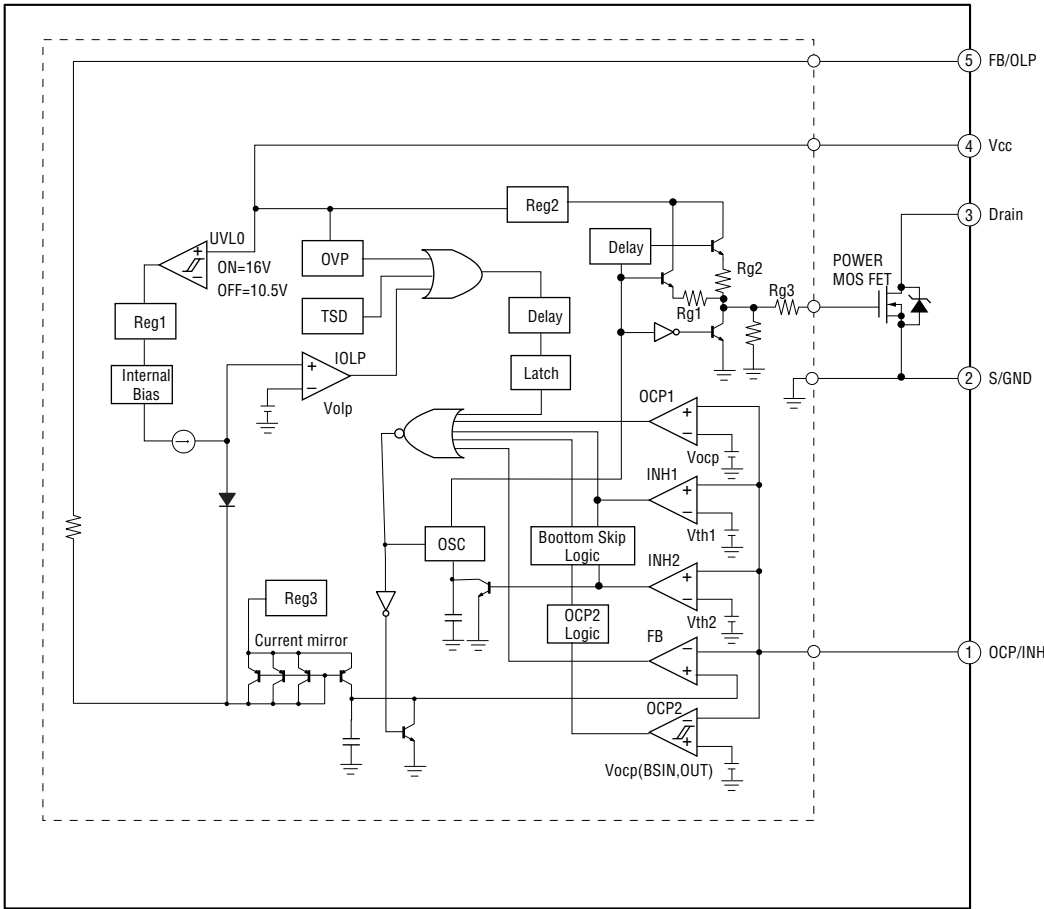
– FL Board –

IC802 uPD16315GB-3BS/PT6315



- POWER Board -

IC901 STR-F6138-LF1352



HCD-DZ555K/DZ556KB/DZ750K

• IC Pin Function Description

MAIN BOARD IC1101 CXD9889R

(CD/DVD RF AMP, FOCUS/TRACKING ERR AMP, DVD SYSTEM PROCESSOR, DIGITAL SERVO PROCESSOR)

Pin No.	Pin Name	I/O	Description
1	AGND	—	Ground terminal
2	DVDA	I	AC coupled input path A
3	DVDB	I	AC coupled input path B
4	DVDC	I	AC coupled input path C
5	DVDD	I	AC coupled input path D
6	DVDRFIP	I	AC coupled DVD RF signal input RFIP
7	DVDRFIN	I	AC coupled DVD RF signal input RFIN (not used (Open))
8	NA	I	DC coupled main-beam RF signal input A
9	NB	I	DC coupled main-beam RF signal input B
10	MC	I	DC coupled main-beam RF signal input C
11	MD	I	DC coupled main-beam RF signal input D
12	SA	I	DC coupled sub-beam RF signal input A (not used (Open))
13	SB	I	DC coupled sub-beam RF signal input B (not used (Open))
14	SC	I	DC coupled sub-beam RF signal input C (not used (Open))
15	SD	I	DC coupled sub-beam RF signal input D (not used (Open))
16	SDFON	I	CD focusing error negative input (not used (Open))
17	SDFOP	I	CD focusing error positive input (not used (Open))
18	TNI	I	3 beam satellite PD signal negative input
19	TPI	I	3 beam satellite PD signal positive input
20	MDI1	I	Laser power monitor input
21	MDI2	I	Laser power monitor input
22	LDO2	O	Laser driver output
23	LDO1	O	Laser driver output
24	SVDD3	—	Power supply (RF+3.3V)
25	CSO	O	Central servo (not used (Open))
26	RFLVL	O	RFRP low pass output for jig
27	SGND	—	Ground terminal
28	V2REFO	O	Reference voltage 2.8V
29	V20	O	Reference voltage 2.0V
30	VREFO	O	Reference voltage 1.4V
31	FEO	O	Focus error monitor output for jig
32	TEO	O	Tracking error monitor output for jig
33	TEZISLV	O	TE Slicing Level
34	OP_OUT	O	Op amp output (not used (Open))
35	OP_INN	I	Op amp negative input (not used (Open))
36	OP_INP	I	Op amp positive input (not used (Open))
37	DMO	O	Disc motor control output. PWM output
38	FMO	O	Feed motor control. PWM output
39	TROPENPWM	O	Tray PWM output / Tray open output
40	IOPMON	I	Iop Monitor
41	TRO	O	Tracking servo output
42	FOO	O	Focus servo output
43	VPLLVSS	—	Ground terminal
44	VPLLCAP	—	PLL External Capacitor
45	VPLLVDD3	—	Power supply (+3.3V from IC1105)
46	USB_VSS	—	Ground terminal
47	RESERVED	—	Not used (Open)

Pin No.	Pin Name	I/O	Description
48	RESERVED	—	Not used (Open)
49	USB_VDD3	—	Power supply (SW+3.3V)
50	SPFG	I	Spindle FG input
51	MSW	O	DVD/CD switch (H:DVD / L:CD)
52	CKSW	I	CKSW input
53	OCSW	I	OCSW input
54	EEWP	O	EEPROM Write Protect control (L:Write allowed)
55	DVDD18	—	Power supply (+1.8V from IC1110)
56 to 64	HA2 to 8, 18, 19	O	Host address bus 2 to 8, 18, 19 output to Flash ROM (IC1102)
65	DVDD3	—	Power supply (SW+3.3V)
66	XWR	O	Write enable output to Flash ROM (IC1102) (active Low)
67 to 75	HA16 to 9, 20	O	Host address bus 16 to 9, 20 output to Flash ROM (IC1102)
76	XROMCS	O	Chip select output to Flash ROM (IC1102) (active Low)
77	HA1	O	Host address bus 1 output to Flash ROM (IC1102)
78	XRD	O	Read enable output to Flash ROM (IC1102) (active Low)
79, 80	HD0,1	I/O	Host data bus 0,1 input/output for Flash ROM (IC1102)
81	DVSS	—	Ground terminal
82 to 86	HD2 to 6	I/O	Host data bus 2 to 6 input/output for Flash ROM (IC1102)
87	HA21	O	Host address bus 21 output to Flash ROM (IC1102)
88	RESERVED	—	Not used (Open)
89	HD7	I/O	Host data bus 7 input/output for Flash ROM (IC1102)
90	DVSS	—	Ground terminal
91, 92	HA17, 0	O	Host address bus 17, 0 output to Flash ROM (IC1102)
93	DVDD18	—	Power supply (+1.8V from IC1110)
94	RESERVED	—	Not used (Open)
95	RESERVED	—	Not used (Open)
96	DVDD3	—	Power supply (SW+3.3V)
97	IFSDO	O	Ext. CPU Serial data output (H/W method)
98	IFCK	O	Ext. CPU Serial clock (H/W method)
99	xIFCS	O	Chip select for Ext.CPU (Low Active, H/W method)
100	IFSDI	I	Ext. CPU Serial data input (H/W method)
101	SCL	O	IIC clock output to EEPROM
102	SDA	I/O	IIC data input/output for EEPROM
103	HDMI_SCL	O	HDMI DDC line SCL (not used)
104	HDMI_SDA	I/O	HDMI DDC line SDA (not used)
105	RXD	I	RS232C RXD signal input from Jig
106	TXD	O	RS232C TXD signal output to Jig
107	ICE	O	ICE mode enable (not used (Open))
108	xSYSRST	I	Reset input from system controller (IC501) (active Low)
109	RESERVED	I	Not used (Open)
110	xTXINT	I	Interrupt signal from HDMI controller (not used (Fixed to "H" (SW+3.3V)))
111	DQM0	O	Lower byte mask output to SDRAM (IC1104) (H:Mask / L:Enable)
112	IFBSY	I	Ready/Busy interrupt signal input from system controller (IC501) (H:Busy / L:Ready)
113 to 117	RD7 to 3	I/O	Data bus 7 to 3 input/output for SDRAM (IC1104)
118	DVDD3	—	Power supply (SW+3.3V)
119 to 129	RD2 to 0, 15 to 8	I/O	Data bus 2 to 0, 15 to 8 input/output for SDRAM (IC1104)
130	LIMITSW	I	LIMITSW signal input
131	DVDD3	—	Power supply (SW+3.3V)
132	DQM1	O	Upper byte mask output to SDRAM (IC1104) (H:Mask / L:Enable)

HCD-DZ555K/DZ556KB/DZ750K

Pin No.	Pin Name	I/O	Description
133	RWE#	O	Write enable output to SDRAM (IC1104)
134	CAS#	O	Column address strobe output to SDRAM (IC1104)
135	RAS#	O	Row address strobe output to SDRAM (IC1104)
136	RCS#	O	Chip select output to SDRAM (IC1104)
137, 138	BA0, 1	O	Bank address 0, 1 output to SDRAM (IC1104)
139 to 141	RA10, 0, 1	O	Address bus 10, 0, 1 output to SDRAM (IC1104)
142	DVDD18	—	Power supply (+1.8V from IC1110)
143, 144	RA2, 3	O	Address bus 2, 3 output to SDRAM (IC1104)
145	DVDD3	—	Power supply (SW+3.3V)
146	DRCLK	O	Clock output to SDRAM (IC1104)
147	CKE	O	Clock enable output to SDRAM (IC1104)
148	DVSS	—	Ground terminal
149 to 155	RA11, 9 to 4	O	Address bus 11,9 to 4 output to SDRAM (IC1104)
156	DVDD3	—	Power supply (SW+3.3V)
157 to 159	SMPTE_Y[7] to [5]	O	Video data output bit7 to 5 (not used (Open))
160	DVDD18	—	Power supply (+1.8V from IC1110)
161 to 165	SMPTE_Y[4] to [0]	O	Video data output bit4 to 0 (not used (Open))
166	VCLK	O	27MHz synchronous clock output for Video data (not used (Open))
167	MIC	I	Karaoke microphone detect signal (H:MIC exist / L:MIC removed)
168	TSD_M	I	TSD signal input
169	MUTE	O	Mute output for Spindle motor
170	DVDD3	—	Power supply (SW+3.3V)
171	MUTE123	O	Mute output for Focus/Tracking/Sleding
172, 173	REV, FWD	O	Direction control signal output for Loading motor
174	DVDD18	—	Power supply (+1.8V from IC1110)
175	RGB_SEL	O	RGB/YCbCr select output signal (H:RGB disable / L:RGB enable) (not used (Open))
176	Fixed_low	O	Reserved (not used (Open))
177	WIDE	O	WIDE select output for Multi connector (H:16:9 / L:4:3)
178	DVSS	—	Ground terminal
179	VBUS_OE	O	VBUS_control OE (H:ON / L:OFF) (not used (Open))
180	xMAMUTE	O	Main Audio Mute signal (H:Un Mute / L:Mute) (not used (Open))
181	VBUS_OC	I	VBUS_control OC (H: Non_OVER / L:OVER) (Fixed to "H" (SW+3.3V))
182	R/Cr/Pr	O	CR/PR signal output
183	B/Cb/Pb	O	CB/PB signal output
184	DACVSSA	—	Ground terminal
185	Y/G	O	Y signal output
186	DACVDDA	—	Power supply (+3.3V from IC1105)
187	CVBS	O	Composite video signal output
188	DACVSSB	—	Ground terminal
189	C	O	Chroma signal output for S-Video
190	DACVDDB	—	Power supply (+3.3V from IC1105)
191	Y	O	Y signal output for S-Video
192	DACVSSC	—	Ground terminal
193	CIN	O	Compensation Capacitor (not used (Open))
194	FS	I	Full Scale Adjustment
195	VREF	I	Bandgap Ref Voltage
196	DACVDDC	—	Power supply (+3.3V from IC1105)
197	ASDATA0	O	Audio serial data 4: Down-mixed L/R
198	TRG_SW	I	Slot-in MECHA Trigger SW detect (not used (Fixed to "H" (SW+3.3V)))

Pin No.	Pin Name	I/O	Description
199	SCORE	I	Calculation of SCORE
200	XVOICE	I	Detection of MIC signal (H:Voice exist / L:Voice is absence)
201	Fixed_Low	—	Not used (Open)
202	ASDATA1	O	Audio serial data 1: SL/SR
203	ASDATA2	O	Audio serial data 2: C/SW
204	Fixed_Low	—	Not used (Open)
205	Fixed_Low	—	Not used (Open)
206	Fixed_Low	—	Not used (Open)
207	Fixed_Low	—	Not used (Open)
208	DVDD3	—	Power supply (SW+3.3V)
209	ALRCK	O	Audio left/right channel clock output
210	ABCK	O	Audio bit clock output
211	ACLK	O	Master clock output for Audio DAC
212	ADIN	I	Ex. Analog Audio data input
213	DVDD18	—	Power supply (+1.8V from IC1110)
214	ASDATA4	O	Audio serial data 0: FL/FR
215	MC_DATA	I	Mic signal Input (not used (Fixed to Ground))
216	SPDIF	O	SPDIF output
217	APLLVDD3	—	Power supply (+3.3V from IC1105)
218	APLLCAP	I	APLL External Capacitance connection
219	APLLVSS	—	Ground terminal
220	ADACVSS2	—	Ground terminal
221	ADACVSS1	—	Ground terminal
222	KMOD	O	Karaoke mode status output (H:Karaoke / L:Normal)
223	PWON	O	Power down control signal to HDMI controller (not used (Fixed to "H" (SW+3.3V)))
224	Rch	O	Audio DAC Right channel output
225	AVCM	—	Audio DAC Reference Voltage
226	Lch	O	Audio DAC Left channel output
227	DSEL	O	Interlace/Progressive select output signal (H:480i / L:480p) (not used (Open))
228	xRST	O	Reset output signal for ADAC (Low Active) (not used (Open))
229	ADACVDD1	—	Power supply (+3.3V from IC1105)
230	ADACVDD2	—	Power supply (+3.3V from IC1105)
231	RFGND18	—	Ground terminal
232	RFVDD18	—	Power supply (+1.8V from IC1110)
233	XTALO	O	27MHz crystal output (not used (Open))
234	XTALI	I	27MHz crystal input
235	JITFO	O	The output terminal of RF jitter meter
236	JITFN	I	The input terminal of RF jitter meter
237	PLLVSS	—	Ground terminal
238	IDACEXP	I	RF Data PLL DAC LPF
239	PLLVDD3	—	Power supply (RF+3.3V)
240	LPFON	O	The negative output of loop filter amplifier
241	LPFIP	I	The positive input terminal of loop filter amplifier
242	LPFIN	I	The negative input terminal of loop filter amplifier
243	LPFOP	O	The positive output of loop filter amplifier
244	ADCVDD3	—	Power supply (RF+3.3V)
245	ADCVSS	—	Ground terminal
246	RFVDD3	—	Power supply (RF+3.3V)
247	RFRPDC	O	RF ripple detect output

HCD-DZ555K/DZ556KB/DZ750K

Pin No.	Pin Name	I/O	Description
248	RFRPAC	I	RF ripple detect input (through AC-coupling)
249	HRFZC	I	High frequency RF ripple zero crossing
250	CRTPLP	O	Defect level filter capacitor connecting
251	RFGND18	—	Ground terminal
252	OSP	O	RF offset cancellation capacitor connecting
253	OSN	O	RF offset cancellation capacitor connecting
254	RFGC	O	RF AGC loop capacitor connecting for DVD-ROM
255	IREF	I	Current reference input
256	AVDD3	—	Power supply (RF+3.3V)

**MAIN BOARD IC501 M30622MEP-B03FPU0 (EA/DZ555K: TH), M30622MEP-B42FPU0 (EXCEPT EA/DZ555K: TH)
(SYSTEM CONTROLLER)**

Pin No.	Pin Name	I/O	Description
1	DAMP_SCDT/ DIAT_SDATA/DIR_DIN	O	DAMP processor data output, DIAT serial data output
2	DAMP_SHIFT/ DIAT_SCLK/DIR_CLK	O	DAMP processor clock output, DIAT serial clock output
3	CEC_RX_IN	I	CEC Data input
4	SIRCS_IN	I	Sircs input
5	NO USE	O	Not used (Open)
6	NO USE	O	Not used (Open)
7	NO USE	O	Not used (Open)
8	BYTE	I	External data bus (Ground terminal)
9	CNVSS	I	Change processor mode (Pull down)
10, 11	EN_A, EN_B	I	Volume control for ENCODER (Pull up)
12	RESET	I	System reset signal input
13	XOUT	O	Crystal output for main clock (5MHz)
14	VSS	—	Ground terminal
15	XIN	I	Crystal input for main clock (5MHz)
16	VCC	—	Power supply (BUP+3.3V)
17	NMI	I	Not used (Fixed to “H” (BUP+3.3V))
18	NO USE	O	Not used (Open)
19	A.CAL_OUT_LEVEL	I	Out level detect for auto calibration
20	AC_CUT	I	Detect AC-CUT
21	FL_CLK/LED_CLK	O	FL and LED driver clock output
22	CEC_TX_OUT	O	CEC data output
23	DIAT_CSOD	I	DIAT CSOD signal input
24	FL_D_OUT/LED_DATA	O	FL and LED driver data output
25	NO USE	—	Not used (Open)
26	MIC_GAIN	O	MIC gain control
27	CDM_OPEN_SW	I	CDM open switch input
28	DC_CONT	O	A.CAL MIC DC control output
29	CLINK_RX_IN	I	C-Link data input (Except MX, E32)
30	CLINK_TX_OUT	O	C-Link data output (Except MX, E32)
31	DVD_SID	O	Media Tek data out / Flash write TXD1
32	DVD_SOD	I	Media Tek data in / Flash write RXD1
33	DVD_SCO	I	Media Tek clock in / Flash write CLK1
34	DVD_XIFBUSY	O	Media Tek busy request / Flash write RTS1
35	MIC_DET_OUT	O	MIC detect status out to Media Tek
36	KARAOKE MODE	I	KARAOKE mode information from Media Tek
37	DVD XIFCS	I	Media Tek chip select
38	MTK_RST	O	Media Tek reset
39	P_CONT1	O	Control for power supply 1
40	P_CONT2	O	Control for power supply 2
41	P_CONT3	O	Control for power supply 3
42	DRIVE_RST(EN)	O	DAMP driver reset
43	DRIVE_OCP(DIAG)	I	DAMP driver shut down
44	OVERFLOW1	I	DAMP processor F/C/S over flow detect
45	OVERFLOW2	I	DAMP processor SW over flow detect
46	WRITE CE	I	Flash write CE (not used (Fixed to “H” (E3.3V)))
47	DAMPLATCH1	O	DAMP processor latch1

HCD-DZ555K/DZ556KB/DZ750K

Pin No.	Pin Name	I/O	Description
48	DAMP LATCH2	O	DAMP processor latch2
49	DAMP LATCH3	O	DAMP processor latch3
50	DAMP INIT	O	DAMP processor reset
51	DAMP SOFT MUTE	O	DAMP processor soft muting
52	MIC2 SW	I	MIC2 insert switch
53	NO USE	O	Not used (Open)
54	NO USE	O	Not used (Open)
55	NO USE	O	Not used (Open)
56	FL_STB	O	FL driver chip select output
57	DC_DET	I	Speaker DC detect input
58	NO USE	O	Not used (Open)
59	NO USE	O	Not used (Open)
60	NO USE	O	Not used (Open)
61	NO USE	O	Not used (Open)
62	VCC	—	Power supply (BUP+3.3V)
63	MIC/A.CAL_SW	I	MIC insert switch
64	VSS	—	Ground terminal
65	DIAT_XRST	O	DIAT reset
66	DIAT_XSCEN	O	DIAT chip enable
67	NO USE	O	Not used (Open)
68	TUNED	I	TUNER tuned input
69	ST_CLK	O	TUNER clock output
70	ST_DO	I	TUNER data input
71	ST_CE	O	TUNER chip enable
72	ST_DI	O	TUNER data output
73	NO USE	O	Not used (Open)
74	KEY INT	I	Wakeup from ECO mode by key input
75	MIC_CLK	O	MIC electric volume clock output
76	MIC-DAT	O	MIC electric volume data output
77	DIAT_DET	I	DIAT ready detect input
78	NO USE	O	Not used
79	M_ST	O	LINK (Multi STEREO) control output
80	NO USE	O	Not used (Open)
81	ASEL3	O	Audio selector 3 (Except MX, E32)
82	V_SEL0	O	Video selector 0
83	V_SEL1	O	Video selector 1
84	ASEL0	O	Audio selector 0
85	ASEL1	O	Audio selector 1
86	ASEL2	O	Audio selector 2 (Except MX, E32)
87	VSEL2	O	Video selector 2 (Except MX, E32)
88	NO USE	O	Not used (Open)
89	CLINK_DET	O	C-Link detect input (Except MX, E32)
90	MONO/ST_DET	I	Front jack MONO or STEREO detect
91	A.CAL MIC LEVEL	I	MIC level detect for auto calibration
92	DESTINATION	I	Destination select input
93	MODEL	I	Model select input
94	KEY2	I	Key input 2 input
95	KEY1	I	Key input 1 input
96	VSS	—	Ground terminal

Pin No.	Pin Name	I/O	Description
97	KEY0	I	Key input 0 input
98	VREF	—	Reference voltage (E3.3V)
99	VCC	—	Power supply (BUP+3.3V)
100	NO USE	O	Not used (Fixed to “H” (D+3.3V))

SECTION 7
EXPLODED VIEWS

NOTE:

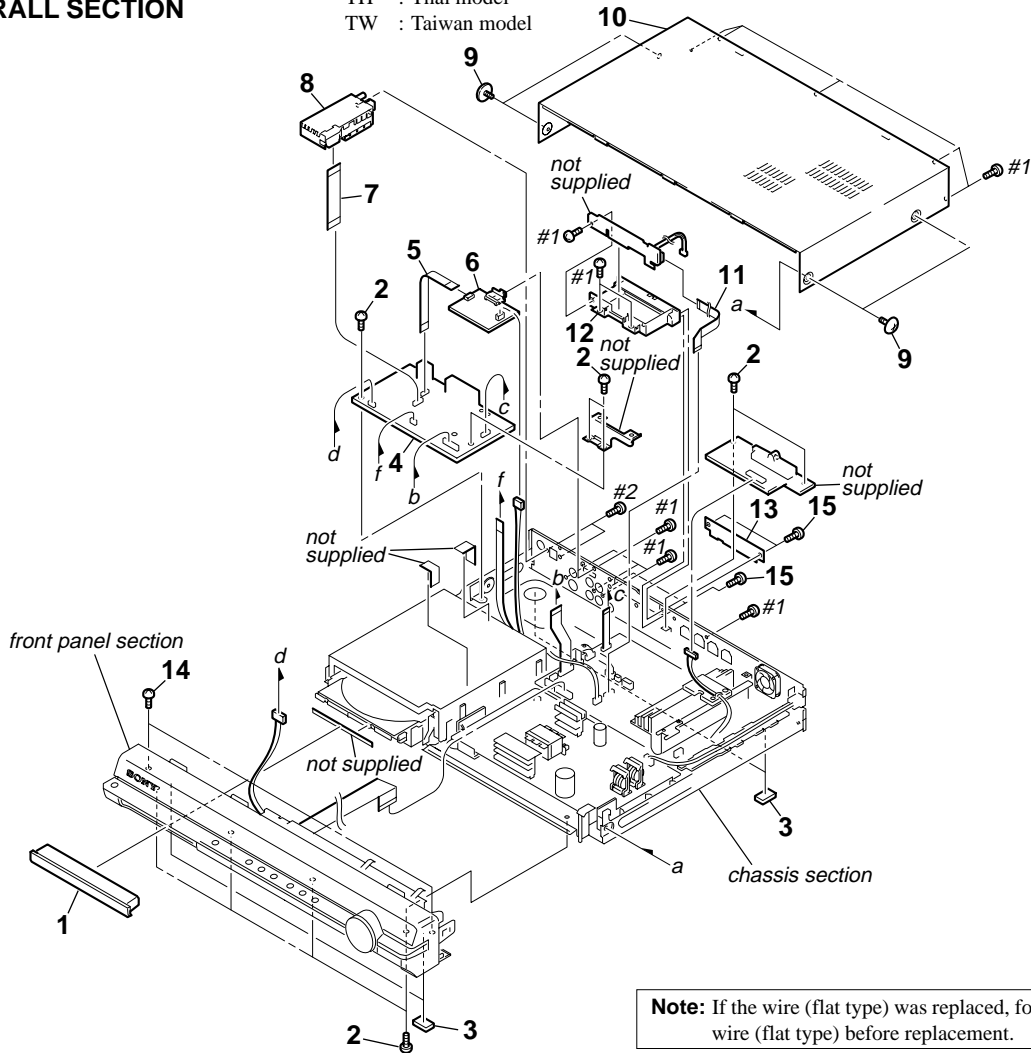
- XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded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

- Abbreviation
- AUS : Australian model
- E3 : 220 – 240V AC area in E model
- E12 : 220 – 240V AC area in E model
- E32 : 110 – 240V AC area in E model
- EA : Saudi Arabia model
- KR : Korean model
- MX : Mexican model
- RU : Russian model
- SP : Singapore model
- TH : Thai model
- TW : Taiwan model

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.

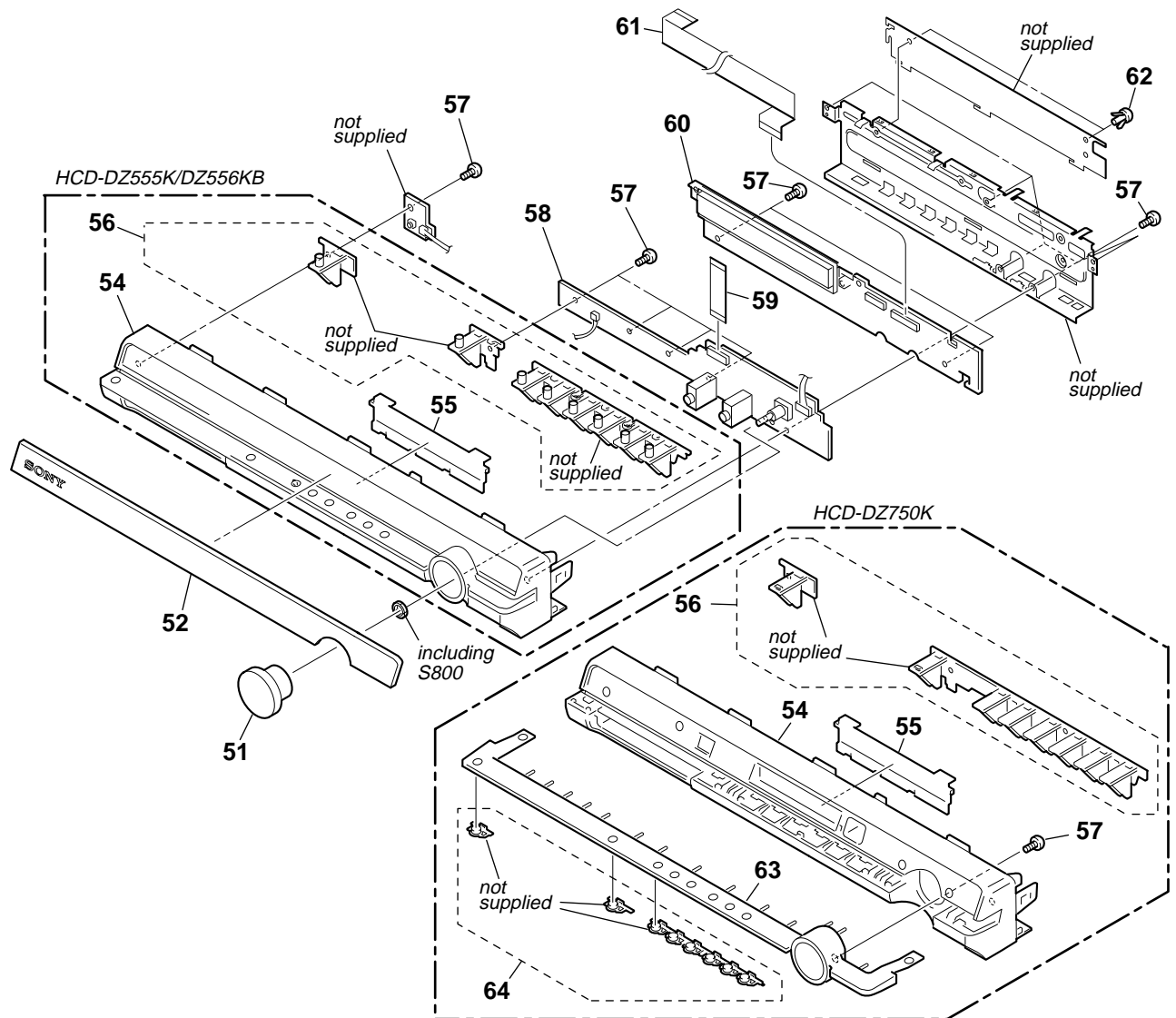
7-1. OVERALL SECTION



Ref. No.	Part No.	Description	Remark
1	2-889-987-01	PANEL, LOADING (DZ555K)	
1	2-889-987-11	PANEL, LOADING (DZ556KB/DZ750K)	
2	3-077-331-21	+BV3 (3-CR)	
3	4-232-478-31	FOOT	
4	A-1222-560-A	IO-S-OUT BOARD, COMPLETE (SP, AUS, E3, E12, KR, TW/DZ750K: TH)	
4	A-1222-570-A	IO-S-OUT BOARD, COMPLETE (E32, MX)	
4	A-1239-729-A	IO-S-OUT BOARD, COMPLETE (EA/DZ555K: TH)	
4	A-1256-656-A	IO-S-OUT BOARD, COMPLETE (RU)	
5	1-828-307-11	WIRE (FLAT TYPE) (9 CORE) (EA, RU/DZ555K: TH)	
5	1-828-951-51	WIRE (FLAT TYPE) (9 CORE) (SP, AUS, E3, E12, KR, TW/DZ750K: TH)	
6	A-1218-025-A	DMPORT BOARD, COMPLETE (SP, AUS, E3, E12, KR, RU, TW/DZ750K: TH)	
6	A-1234-885-A	DMPORT BOARD, COMPLETE (EA/DZ555K: TH)	
7	1-828-951-51	WIRE (FLAT TYPE) (9 CORE) (EXCEPT EA, RU/DZ555K: TH)	
7	1-828-952-11	WIRE (FLAT TYPE) (9 CORE) (EA, RU/DZ555K: TH)	

Ref. No.	Part No.	Description	Remark
8	1-693-725-11	TUNER (FM/AM) (KR, RU)	
8	1-693-726-11	TUNER (FM/AM) (EXCEPT KR, RU/DZ750: TH)	
8	1-693-727-11	TUNER (FM/AM) (DZ750: TH)	
9	3-363-099-51	SCREW (CASE 3 TP2)(DZ555K)	
9	3-363-099-22	SCREW (CASE 3 TP2)(DZ556KB/DZ750K)	
10	2-889-996-11	CASE (DS) (SILVER)(DZ555K)	
10	2-889-996-31	CASE (DS) (BLACK)(DZ556KB/DZ750K)	
11	1-828-319-11	WIRE (FLAT TYPE) (11 CORE) (EA, RU/DZ555K: TH)	
11	1-828-319-51	WIRE (FLAT TYPE) (11 CORE) (EXCEPT EA, RU/DZ555K: TH)	
12	2-892-554-11	CASE (DIAT)	
13	2-892-739-01	LID (DIAT-P)	
14	3-087-053-11	+BVTP2.6 (3CR)	
15	3-077-331-11	+BV3 (3-CR)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
#2	7-685-862-01	SCREW +BVTT 2.6X6 (S) (RU, TH, TW/DZ750K: KR)	
#2	7-685-862-09	SCREW +BVTT 2.6X6 (S) (EXCEPT RU, TH, TW/DZ750K: KR)	

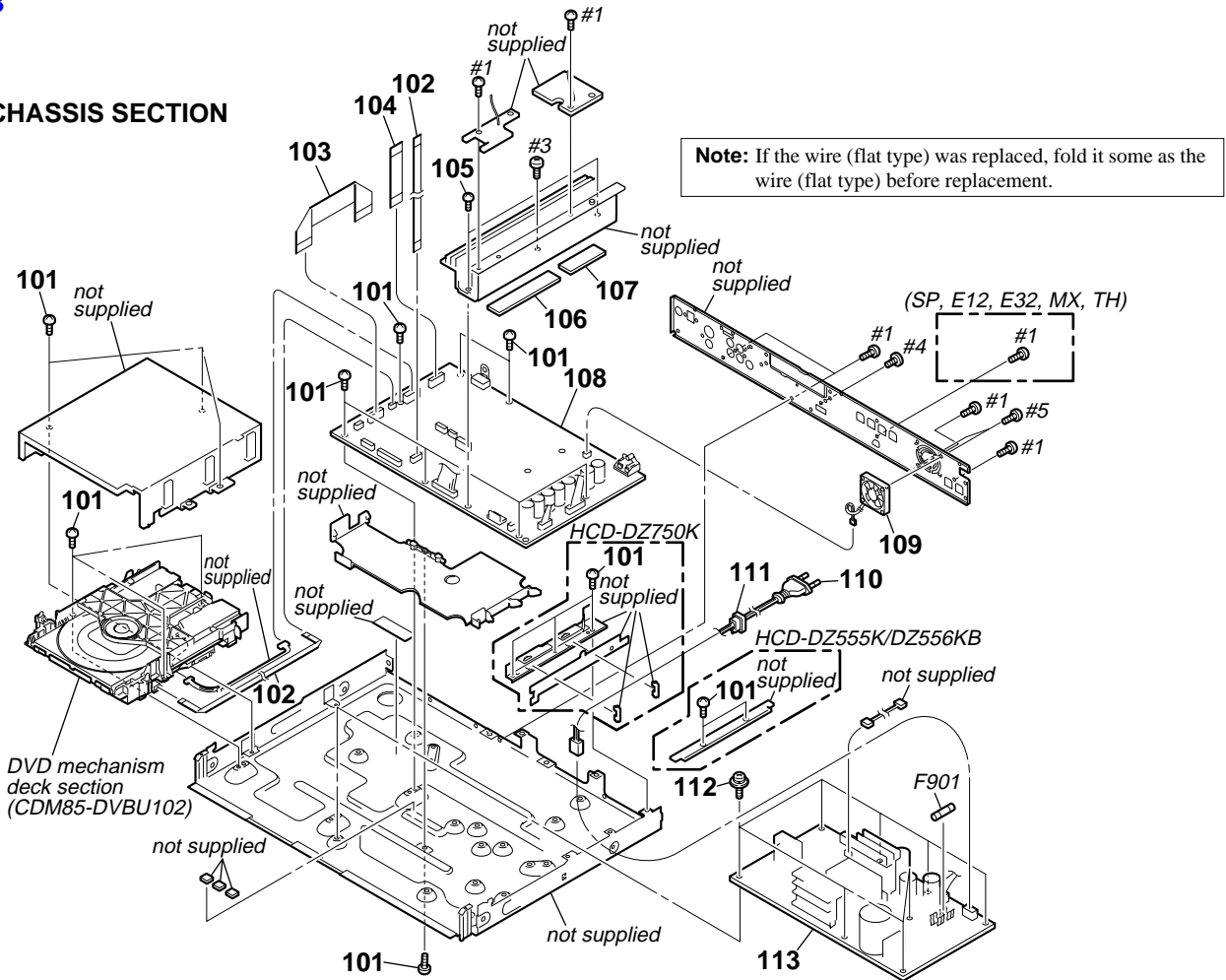
7-2. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	2-889-990-01	KNOB (VOL)		57	3-087-053-11	+BVTP2.6 (3CR)	
52	2-889-985-01	WINDOW, INDICATION (HM) (DZ555K)		58	A-1222-521-A	JACK BOARD, COMPLETE (EXCEPT EA, TH)	
52	2-889-985-21	WINDOW, INDICATION (HM) (DZ750K)		58	A-1239-706-A	JACK BOARD, COMPLETE (EA)	
52	2-889-985-91	WINDOW, INDICATION (HM) (DZ556KB)		58	A-1361-271-A	JACK BOARD, COMPLETE (DZ750K: TH)	
54	2-889-981-31	PANEL, FRONT (AIO) (DZ555K)		58	A-1361-274-A	JACK BOARD, COMPLETE (DZ555K: TH)	
54	2-889-981-81	PANEL, FRONT (AIO) (DZ556KB: E3, E12, MX, E32)		59	1-828-325-11	WIRE (FLAT TYPE) (13 CORE) (EA, RU/DZ555K: TH)	
54	2-889-984-51	PANEL, FRONT (DZ750K)		59	1-828-325-51	WIRE (FLAT TYPE) (13 CORE) (EXCEPT EA, RU/DZ555K: TH)	
54	3-095-150-71	PANEL, FRONT (AIO) (DZ556KB: EA)		60	A-1222-520-A	FL BOARD, COMPLETE (EXCEPT EA/DZ555K: TH)	
54	3-275-312-31	PANEL, FRONT (AIO) (DZ555: TH)		60	A-1239-705-A	FL BOARD, COMPLETE(EA/DZ555K: TH)	
54	3-275-312-71	PANEL, FRONT (AIO-2) (RU)		61	1-828-374-51	WIRE (FLAT TYPE) (21 CORE)	
55	2-889-992-01	FILTER, COLOR		62	3-531-576-01	RIVET	
56	2-889-983-01	BUTTON (AIO) (EA/DZ555K: TH)		63	2-889-986-01	ORNAMENT (DZ750K)	
56	2-889-983-11	BUTTON (AIO) (DZ555K: AUS, KR, SP/DZ556KB: E3, E12, MX, E32, RU)		64	2-889-988-11	BUTTON (CAP) (DZ750K)	
56	2-889-989-11	BUTTON (BASE) (DZ750K)					

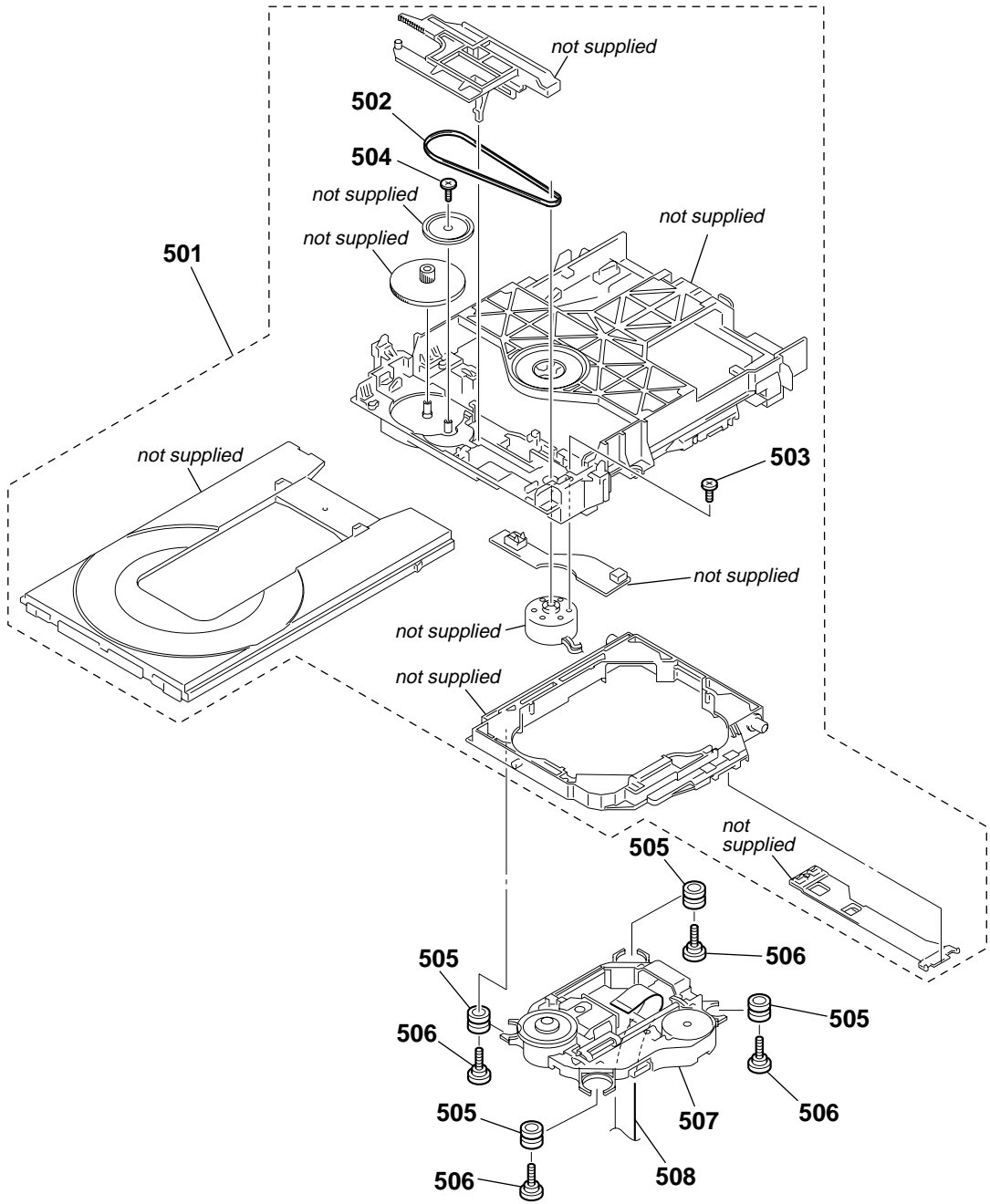
Note: If the wire (flat type) was replaced, fold it some as the wire (flat type) before replacement.

7-3. CHASSIS SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	3-077-331-21	+BV3 (3-CR)		108	A-1259-108-A	MAIN BOARD, COMPLETE (DZ556KB: E12)	
102	1-828-292-11	WIRE (FLAT TYPE) (5 CORE) (EA, RU/DZ555K: TH)		109	1-787-331-11	FAN, D.C.	
102	1-828-292-51	WIRE (FLAT TYPE) (5 CORE) (EXCEPT EA, RU/DZ555K: TH)		110	1-696-848-81	CORD, POWER (AUS)	
103	1-828-349-51	WIRE (FLAT TYPE) (17 CORE) (MX, E32)		110	1-769-079-61	CORD, POWER (KR)	
103	1-828-369-11	WIRE (FLAT TYPE) (21 CORE) (RU)		110	1-777-071-23	CORD, POWER (SP, E3, EA)	
103	1-828-374-51	WIRE (FLAT TYPE) (21 CORE) (EXCEPT MX, E32, RU)		110	1-827-226-41	CORD, POWER (MX)	
104	1-828-316-11	WIRE (FLAT TYPE) (11 CORE) (EA, RU/DZ555K: TH)		110	1-827-597-41	CORD, POWER (TW)	
104	1-828-316-51	WIRE (FLAT TYPE) (11 CORE) (EXCEPT EA, RU/DZ555K: TH)		110	1-830-188-11	CORD, POWER (E12, E32, RU)	
105	3-077-331-11	+BV3 (3-CR)		110	1-834-288-11	CORD, POWER (TH)	
106	2-597-972-11	SHEET, RADIATION (DZ555K: AUS, TH)		111	3-703-244-00	BUSHING (2104), CORD (EXCEPT MX, EA, TH)	
106	3-100-158-11	SHEET, RADIATION (DZ555K: SP, KR, TW/DZ556KB/DZ750K)		111	3-703-244-21	CORD BUSH (2104) (EA)	
107	2-597-972-21	SHEET, RADIATION (DZ555K: AUS, TH)		111	3-703-571-12	BUSHING (S) (4516), CORD (MX)	
107	3-100-158-01	SHEET, RADIATION (DZ750K)		111	4-916-783-01	BUSHING, CORD (TH)	
107	3-100-158-21	SHEET, RADIATION (DZ555K: SP, KR, TW/DZ556KB)		112	2-677-839-01	+PWH 3X8 (SUMITITE)	
108	A-1243-097-A	MAIN BOARD, COMPLETE (DZ556KB: E3)		113	A-1221-008-A	POWER BOARD, COMPLETE (TW)	
108	A-1243-106-A	MAIN BOARD, COMPLETE (TW)		113	A-1221-034-A	POWER BOARD, COMPLETE (SP, AUS, E3, E12, KR, RU/DZ750K: TH)	
108	A-1243-178-A	MAIN BOARD, COMPLETE (DZ555K: SP)		113	A-1222-531-A	POWER BOARD, COMPLETE (E32)	
108	A-1243-179-A	MAIN BOARD, COMPLETE (MX, E32)		113	A-1222-540-A	POWER BOARD, COMPLETE (MX)	
108	A-1243-180-A	MAIN BOARD, COMPLETE (RU)		113	A-1239-723-A	POWER BOARD, COMPLETE (DZ555K: TH)	
108	A-1243-181-A	MAIN BOARD, COMPLETE (DZ750K: E3)		113	A-1242-990-A	POWER BOARD, COMPLETE (EA)	
108	A-1243-182-A	MAIN BOARD, COMPLETE (DZ750K: SP, TH)		F901	1-533-311-12	FUSE, GLASS CYLINDRICAL (DIA.5) (8A/125V) (MX, TW)	
108	A-1243-184-A	MAIN BOARD, COMPLETE (DZ750K: AUS)		F901	1-533-949-33	FUSE, CYLINDRICAL (TIME LAG) (T8AL/250V) (EA, E32)	
108	A-1243-185-A	MAIN BOARD, COMPLETE (DZ750K: KR)		F901	1-576-233-51	FUSE (H.B.C.) (T6.3AH/250V) (SP, AUS, E3, E12, KR, RU, TH)	
108	A-1249-208-A	MAIN BOARD, COMPLETE (DZ555K: AUS)		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
108	A-1249-216-A	MAIN BOARD, COMPLETE (DZ555K: KR)		#3	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3 (EXCEPT EA/DZ555K: TH)	
108	A-1253-103-A	MAIN BOARD, COMPLETE (DZ555K: TH)		#3	7-685-649-79	SCREW +BVTP 3X14 TYPE2 IT-3 (EA/DZ555K: TH)	
108	A-1253-104-A	MAIN BOARD, COMPLETE (DZ556KB: EA)		#4	7-682-547-04	SCREW +B 3X6	
				#5	7-685-881-09	SCREW +BVTT 4X8 (S)	

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



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
501	A-6071-669-A	LOADING ASSY (M)		506	3-087-599-01	INSULATOR SCREW	
502	3-088-371-01	BELT		△507	8-820-321-05	OPTICAL PICK UP ASSY (KHM-313CAA/C2RP)	
503	4-974-725-11	SCREW (M1.7X2.5), P		508	1-828-773-51	WIRE (FLAT TYPE) (24 CORE)	
504	4-674-137-11	SCREW (PTP2X5)					
505	2-634-618-01	INSULATOR					

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

SECTION 8
ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked “**” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS
uF: μF
- COILS
uH: μH

- RESISTORS
All resistors are in ohms.
METAL: Metal-film resistor.
METAL OXIDE: Metal oxide-film resistor.
F: nonflammable
- SEMICONDUCTORS
In each case, u: μ, for example:
uA. . : μA. ., uPA. . : μPA. .,
uPB. . : μPB. ., uPC. . : μPC. .,
uPD. . : μPD. .
- Abbreviation
AUS : Australian model
E3 : 220 – 240V AC area in E model
E12 : 220 – 240V AC area in E model
E32 : 110 – 240V AC area in E model
EA : Saudi Arabia model
KR : Korean model

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

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

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

- MX : Mexican model
- RU : Russian model
- SP : Singapore model
- TH : Thai model
- TW : Taiwan model

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		DIAT-CON BOARD *****		C236	1-162-927-11	CERAMIC CHIP 100PF 5%	50V
		< CONNECTOR >		C237	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
CN1806	1-770-382-11	CONNECTOR, BOARD TO BOARD 12P		C238	1-126-395-11	ELECT CHIP 22uF 20%	16V
CN1809	1-779-548-21	CONNECTOR, FFC (LIF (NON-ZIF)) 11P		C239	1-126-205-11	ELECT CHIP 47uF 20%	6.3V
		< JUMPER RESISTOR >		C240	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
JR001	1-216-296-11	SHORT CHIP 0		C241	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
JR002	1-216-296-11	SHORT CHIP 0				< CONNECTOR >	
JR003	1-216-864-11	SHORT CHIP 0		CN201	1-784-861-51	CONNECTOR, FFC (LIF (NON-ZIF)) 9P	
JR004	1-216-296-11	SHORT CHIP 0		CN203	1-774-730-21	PIN, CONNECTOR (PC BOARD) 3P	
JR005	1-216-296-11	SHORT CHIP 0		CN204	1-817-615-21	CONNECTOR BOARD TO BOARD 18P(DMPORT)	
JR006	1-216-296-11	SHORT CHIP 0				< IC >	
JR007	1-216-864-11	SHORT CHIP 0		IC201	6-705-308-01	IC SI-3010KM-TL	
JR008	1-216-296-11	SHORT CHIP 0		IC202	8-759-710-97	IC NJM4565M-D	
JR009	1-216-864-11	SHORT CHIP 0				< COIL >	
JR010	1-216-864-11	SHORT CHIP 0		L200	1-469-525-91	INDUCTOR 10uH	
		*****				< RESISTOR >	
A-1218-025-A		DMPORT BOARD, COMPLETE (SP, AUS, E3, E12)		R203	1-218-879-11	METAL CHIP 22K 0.5%	1/10W
A-1234-885-A		DMPORT BOARD, COMPLETE (EA/DZ555K: TH) *****		R208	1-218-879-11	METAL CHIP 22K 0.5%	1/10W
		< CAPACITOR >		R214	1-218-879-11	METAL CHIP 22K 0.5%	1/10W
C210	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V	R215	1-218-879-11	METAL CHIP 22K 0.5%	1/10W
C211	1-126-206-11	ELECT CHIP 100uF 20%	6.3V (EXCEPT DZ555K: TH)	R220	1-216-821-11	METAL CHIP 1K 5%	1/10W
C212	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V	R221	1-216-821-11	METAL CHIP 1K 5%	1/10W
C213	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V	R222	1-216-840-11	METAL CHIP 39K 5%	1/10W
C214	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V	R223	1-216-833-11	METAL CHIP 10K 5%	1/10W
C220	1-128-995-21	ELECT CHIP 100uF 20%	10V	R224	1-216-864-11	SHORT CHIP 0	
C221	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V	R225	1-218-887-11	METAL CHIP 47K 0.5%	1/10W
C222	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V	R227	1-218-879-11	METAL CHIP 22K 0.5%	1/10W
C223	1-126-206-11	ELECT CHIP 100uF 20%	6.3V	R228	1-218-879-11	METAL CHIP 22K 0.5%	1/10W
C229	1-165-908-11	CERAMIC CHIP 1uF 10%	10V	R229	1-218-879-11	METAL CHIP 22K 0.5%	1/10W
C230	1-165-908-11	CERAMIC CHIP 1uF 10%	10V	R230	1-218-879-11	METAL CHIP 22K 0.5%	1/10W
C231	1-165-908-11	CERAMIC CHIP 1uF 10%	10V	R231	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
C232	1-165-908-11	CERAMIC CHIP 1uF 10%	10V	R232	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
C233	1-162-927-11	CERAMIC CHIP 100PF 5%	50V	R237	1-216-864-11	SHORT CHIP 0	
C234	1-162-927-11	CERAMIC CHIP 100PF 5%	50V	R238	1-216-864-11	SHORT CHIP 0	
C235	1-162-927-11	CERAMIC CHIP 100PF 5%	50V	R239	1-216-864-11	SHORT CHIP 0	
		*****		R240	1-216-809-11	METAL CHIP 100 5%	1/10W
				R241	1-216-809-11	METAL CHIP 100 5%	1/10W

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
	A-1222-520-A	FL BOARD, COMPLETE (EXCEPT EA)		R804	1-216-828-11	METAL CHIP 3.9K 5%	1/10W
	A-1239-705-A	FL BOARD, COMPLETE (EA/DZ555K: TH)		R805	1-216-295-91	SHORT CHIP 0	
		*****		R811	1-216-844-11	METAL CHIP 82K 5%	1/10W
		< CAPACITOR >		R812	1-216-845-11	METAL CHIP 100K 5%	1/10W
				R813	1-216-845-11	METAL CHIP 100K 5%	1/10W
C435	1-107-823-11	CERAMIC CHIP 0.47uF 10%	16V	R814	1-216-809-11	METAL CHIP 100 5%	1/10W
C436	1-115-156-11	CERAMIC CHIP 1uF	10V	R815	1-216-809-11	METAL CHIP 100 5%	1/10W
C800	1-162-968-11	CERAMIC CHIP 0.0047uF 10%	50V	R816	1-216-809-11	METAL CHIP 100 5%	1/10W
C801	1-163-037-11	CERAMIC CHIP 0.022uF 10%	50V	R819	1-216-805-11	METAL CHIP 47 5%	1/10W
C802	1-126-947-11	ELECT 47uF 20%	35V	R820	1-216-845-11	METAL CHIP 100K 5%	1/10W
		< TRANSFORMER >					
C803	1-126-933-11	ELECT 100uF 20%	16V	T801	1-443-645-11	TRANSFORMER, DC CONVERTER	(EA/DZ555K: TH)
C804	1-162-974-11	CERAMIC CHIP 0.01uF	50V	T801	1-445-285-11	TRANSFORMER, DC CONVERTER	(EXCEPT EA/DZ555K: TH)
C805	1-164-360-11	CERAMIC CHIP 0.1uF	16V				
C809	1-126-157-11	ELECT 10uF 20%	16V				
C811	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V				
C814	1-126-157-11	ELECT 10uF 20%	16V				
C829	1-124-259-11	ELECT 4.7uF 20%	50V				
		< CONNECTOR >					
CN801	1-779-558-11	CONNECTOR, FFC (LIF (NON-ZIF)) 21P	(EXCEPT EA/DZ555K: TH)				
CN801	1-815-387-11	CONNECTOR, FPC/FFC 21P	(EA/DZ555K: TH)				
CN805	1-794-506-51	CONNECTOR, FFC/FPC 13P					
		< DIODE >					
D431	6-501-193-01	DIODE 1SS355WTE-17					
D432	6-501-193-01	DIODE 1SS355WTE-17					
D801	6-501-193-01	DIODE 1SS355WTE-17					
D802	6-501-193-01	DIODE 1SS355WTE-17					
D803	6-501-169-01	DIODE UDZW-TE17-6.2B					
D804	6-501-193-01	DIODE 1SS355WTE-17					
D805	6-501-193-01	DIODE 1SS355WTE-17					
		< IC >					
IC801	6-600-349-21	IC NJL23H400A					
IC802	8-759-643-83	IC uPD16315GB-3BS					
		< JUMPER RESISTOR >					
JR801	1-216-864-11	SHORT CHIP 0					
JR802	1-216-864-11	SHORT CHIP 0					
JR807	1-216-864-11	SHORT CHIP 0					
JR808	1-216-864-11	SHORT CHIP 0					
		< COIL >					
L801	1-410-671-31	INDUCTOR 47uH					
L802	1-410-671-31	INDUCTOR 47uH					
		< FLUORESCENT INDICATOR TUBE >					
ND001	1-451-590-11	VACUUM FLUORESCENT DISPLAYS					
		< TRANSISTOR >					
Q801	6-550-065-01	TRANSISTOR CPH5504-TL-E					
		< RESISTOR >					
R436	1-216-834-11	METAL CHIP 12K 5%	1/10W				
R437	1-216-835-11	METAL CHIP 15K 5%	1/10W				
R800	1-216-864-11	SHORT CHIP 0					
R801	1-216-839-11	METAL CHIP 33K 5%	1/10W				
R802	1-216-809-11	METAL CHIP 100 5%	1/10W				
		< CAPACITOR >					
C211	1-126-964-11	ELECT 10uF 20%	50V				
		(EXCEPT MX, E32)					
C222	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V				
C228	1-126-916-11	ELECT 1000uF 20%	6.3V				
C251	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V				
C302	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V				
C309	1-126-957-11	ELECT 0.22uF 20%	50V				
C311	1-162-960-11	CERAMIC CHIP 220PF 10%	50V				
C320	1-162-960-11	CERAMIC CHIP 220PF 10%	50V				
		(EXCEPT MX, E32)					
C321	1-104-662-91	ELECT 22uF 20%	25V				
C322	1-104-662-91	ELECT 22uF 20%	25V				
C324	1-104-662-91	ELECT 22uF 20%	25V				
		(EXCEPT MX, E32)					
C327	1-104-662-91	ELECT 22uF 20%	25V				
		(EXCEPT MX, E32)					
C328	1-162-960-11	CERAMIC CHIP 220PF 10%	50V				
		(EXCEPT MX, E32)					
C329	1-126-933-11	ELECT 100uF 20%	16V				
C330	1-162-960-11	CERAMIC CHIP 220PF 10%	50V				
C331	1-126-916-11	ELECT 1000uF 20%	6.3V				
C332	1-126-933-11	ELECT 100uF 20%	16V				
C333	1-126-933-11	ELECT 100uF 20%	16V				
C334	1-126-916-11	ELECT 1000uF 20%	6.3V				
C335	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V				
C337	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V				
		(EXCEPT MX, E32)					
C338	1-126-933-11	ELECT 100uF 20%	16V				
		(EXCEPT MX, E32)					
C339	1-162-927-11	CERAMIC CHIP 100PF 5%	50V				
C340	1-104-662-91	ELECT 22uF 20%	25V				
C341	1-104-662-91	ELECT 22uF 20%	25V				
C344	1-126-964-11	ELECT 10uF 20%	50V				
		(EXCEPT MX, E32)					
C345	1-126-933-11	ELECT 100uF 20%	16V				
C346	1-162-927-11	CERAMIC CHIP 100PF 5%	50V				
C347	1-126-925-91	ELECT 470uF 20%	10V				

HCD-DZ555K/DZ556KB/DZ750K

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IO-S-OUT

Ref. No.	Part No.	Description	Remark
C348	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C349	1-126-933-11	ELECT 100uF 20%	16V
C350	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C351	1-126-933-11	ELECT 100uF 20%	16V
C352	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C353	1-126-933-11	ELECT 100uF 20%	16V (EXCEPT MX, E32)
C354	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V (EXCEPT MX, E32)
C355	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C356	1-126-966-11	ELECT 33uF 20%	50V
C357	1-126-964-11	ELECT 10uF 20%	50V
C358	1-126-964-11	ELECT 10uF 20%	50V
C359	1-165-908-11	CERAMIC CHIP 1uF 10%	10V
C360	1-165-908-11	CERAMIC CHIP 1uF 10%	10V
C361	1-165-908-11	CERAMIC CHIP 1uF 10%	10V
C362	1-126-964-11	ELECT 10uF 20%	50V
C363	1-126-933-11	ELECT 100uF 20%	16V
C364	1-126-933-11	ELECT 100uF 20%	16V
C365	1-162-921-11	CERAMIC CHIP 33PF 5%	50V
C367	1-126-964-11	ELECT 10uF 20%	50V
C368	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C369	1-126-933-11	ELECT 100uF 20%	16V
C371	1-104-662-91	ELECT 22uF 20%	25V
C372	1-104-662-91	ELECT 22uF 20%	25V
C373	1-104-662-91	ELECT 22uF 20%	25V
C374	1-104-662-91	ELECT 22uF 20%	25V
C375	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V (RU)
C376	1-104-662-91	ELECT 22uF 20%	25V
C377	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V (RU)
C383	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C384	1-126-933-11	ELECT 100uF 20%	16V
C385	1-126-960-11	ELECT 1uF 20%	50V
C386	1-126-960-11	ELECT 1uF 20%	50V
C387	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C388	1-127-573-11	CERAMIC CHIP 1uF 10%	16V
C389	1-126-947-11	ELECT 47uF 20%	35V
C390	1-162-966-11	CERAMIC CHIP 0.0022uF 10%	50V
C391	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C392	1-126-933-11	ELECT 100uF 20%	16V
C393	1-126-960-11	ELECT 1uF 20%	50V
C394	1-126-957-11	ELECT 0.22uF 20%	50V
C396	1-126-960-11	ELECT 1uF 20%	50V
C397	1-126-964-11	ELECT 10uF 20%	50V
< CONNECTOR >			
CN301	1-779-277-11	CONNECTOR, FFC (LIF (NON-ZIF)) 9P (EXCEPT MX, E32, EA/DZ555K: TH)	
CN301	1-794-479-11	CONNECTOR, FPC/FFC 9P (EA/DZ555K: TH)	
CN302	1-564-707-11	PIN, CONNECTOR (SMALL TYPE) 5P (EXCEPT DZ555K: TH)	
* CN302	1-568-954-11	PIN, CONNECTOR 5P (DZ555K: TH)	
CN304	1-779-279-11	CONNECTOR, FFC (LIF (NON-ZIF)) 11P	
CN305	1-568-828-11	CONNECTOR, FFC 9P	
CN307	1-779-273-11	CONNECTOR, FFC (LIF (NON-ZIF)) 5P (EXCEPT EA/DZ555K: TH)	
CN307	1-815-381-11	CONNECTOR, FPC/FFC 5P (EA/DZ555K: TH)	
CN308	1-779-289-11	CONNECTOR, FFC (LIF (NON-ZIF)) 21P (EXCEPT MX, E32, EA/DZ555K: TH)	
CN308	1-815-149-11	CONNECTOR, FPC/FFC (1MM PIC) 21P (EA/DZ555K: TH)	

Ref. No.	Part No.	Description	Remark
CN309	1-779-285-11	CONNECTOR, FFC (LIF (NON-ZIF)) 17P (MX, E32)	
< DIODE >			
D280	6-501-193-01	DIODE 1SS355WTE-17	
D281	6-501-193-01	DIODE 1SS355WTE-17	
D306	8-719-069-54	DIODE UDZSTE-175.1B	
D307	6-501-193-01	DIODE 1SS355WTE-17	
D308	6-501-193-01	DIODE 1SS355WTE-17	
D309	8-719-058-24	DIODE RB501V-40TE-17	
< IC >			
IC300	6-706-078-01	IC M62429FP-TP	
IC303	8-759-385-76	IC MC14052 BDR2	
IC304	8-759-385-76	IC MC14052 BDR2 (EXCEPT MX, E32)	
IC305	8-759-832-10	IC LA3210 A/B-E	
IC306	8-759-100-96	IC uPC4558G2	
IC307	6-703-550-01	IC TA7809LS	
IC308	6-710-470-01	IC MM1758AFBE	
IC309	8-759-677-33	IC MM1228XFBE (EXCEPT MX, E32)	
< JACK >			
J301	1-694-920-11	TERMINAL BOARD (S TERMINAL+1P) (MONITOR OUT)	
J303	1-820-784-11	JACK, PIN 5P (COMPONENT VIDEO OUT,TV/VIDEO)	
< COIL >			
L201	1-469-525-91	INDUCTOR 10uH	
L300	1-469-525-91	INDUCTOR 10uH (EXCEPT MX, E32)	
L304	1-469-525-91	INDUCTOR 10uH	
L305	1-469-525-91	INDUCTOR 10uH	
< TRANSISTOR >			
Q302	8-729-027-52	TRANSISTOR DTC124EKA-T146	
Q304	8-729-027-52	TRANSISTOR DTC124EKA-T146	
Q305	8-729-027-52	TRANSISTOR DTC124EKA-T146	
Q306	8-729-027-52	TRANSISTOR DTC124EKA-T146 (EXCEPT MX, E32)	
Q307	8-729-027-52	TRANSISTOR DTC124EKA-T146	
Q308	8-729-027-52	TRANSISTOR DTC124EKA-T146 (EXCEPT MX, E32)	
< RESISTOR >			
R227	1-218-285-11	METAL CHIP 75 5%	1/10W
R228	1-218-285-11	METAL CHIP 75 5%	1/10W
R229	1-218-285-11	METAL CHIP 75 5%	1/10W
R305	1-216-833-11	METAL CHIP 10K 5%	1/10W
R306	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
R307	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
R308	1-216-827-11	METAL CHIP 3.3K 5%	1/10W (EXCEPT MX, E32)
R309	1-216-827-11	METAL CHIP 3.3K 5%	1/10W (EXCEPT MX, E32)
R312	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
R314	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
R321	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
R323	1-218-285-11	METAL CHIP 75 5%	1/10W
R324	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
R325	1-216-864-11	SHORT CHIP 0 (MX, E32)	
R326	1-218-285-11	METAL CHIP 75 5%	1/10W

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R331	1-218-285-11	METAL CHIP	75 5% 1/10W (EXCEPT MX, E32)	R399	1-216-833-11	METAL CHIP	10K 5% 1/10W
R332	1-216-829-11	METAL CHIP	4.7K 5% 1/10W	R400	1-216-821-11	METAL CHIP	1K 5% 1/10W
R333	1-216-841-11	METAL CHIP	47K 5% 1/10W	R401	1-216-821-11	METAL CHIP	1K 5% 1/10W (EXCEPT MX, E32)
R334	1-216-841-11	METAL CHIP	47K 5% 1/10W	R402	1-218-827-11	METAL CHIP	150 0.5% 1/10W
R335	1-216-841-11	METAL CHIP	47K 5% 1/10W (EXCEPT MX, E32)	R403	1-216-845-11	METAL CHIP	100K 5% 1/10W
R336	1-216-841-11	METAL CHIP	47K 5% 1/10W (EXCEPT MX, E32)	R404	1-216-845-11	METAL CHIP	100K 5% 1/10W
R339	1-218-285-11	METAL CHIP	75 5% 1/10W	R405	1-218-827-11	METAL CHIP	150 0.5% 1/10W
R340	1-216-833-11	METAL CHIP	10K 5% 1/10W	R406	1-216-845-11	METAL CHIP	100K 5% 1/10W
R341	1-216-829-11	METAL CHIP	4.7K 5% 1/10W	R407	1-216-845-11	METAL CHIP	100K 5% 1/10W
R342	1-216-841-11	METAL CHIP	47K 5% 1/10W	R408	1-218-827-11	METAL CHIP	150 0.5% 1/10W
R343	1-216-841-11	METAL CHIP	47K 5% 1/10W	R409	1-218-827-11	METAL CHIP	150 0.5% 1/10W
R344	1-216-841-11	METAL CHIP	47K 5% 1/10W (EXCEPT MX, E32)	R410	1-216-841-11	METAL CHIP	47K 5% 1/10W
R345	1-216-841-11	METAL CHIP	47K 5% 1/10W (EXCEPT MX, E32)	R411	1-216-841-11	METAL CHIP	47K 5% 1/10W
R348	1-216-833-11	METAL CHIP	10K 5% 1/10W	R412	1-218-827-11	METAL CHIP	150 0.5% 1/10W
R349	1-216-833-11	METAL CHIP	10K 5% 1/10W	R413	1-218-827-11	METAL CHIP	150 0.5% 1/10W
R350	1-216-864-11	SHORT CHIP	0 (EXCEPT MX, E32)	R414	1-216-817-11	METAL CHIP	470 5% 1/10W (RU)
R351	1-216-809-11	METAL CHIP	100 5% 1/10W	R414	1-216-864-11	SHORT CHIP	0 (EXCEPT RU)
R352	1-216-833-11	METAL CHIP	10K 5% 1/10W	R415	1-216-817-11	METAL CHIP	470 5% 1/10W (RU)
R353	1-216-833-11	METAL CHIP	10K 5% 1/10W	R415	1-216-864-11	SHORT CHIP	0 (EXCEPT RU)
R356	1-216-833-11	METAL CHIP	10K 5% 1/10W	R416	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R360	1-216-821-11	METAL CHIP	1K 5% 1/10W	R417	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R361	1-216-809-11	METAL CHIP	100 5% 1/10W	R420	1-216-817-11	METAL CHIP	470 5% 1/10W
R363	1-216-841-11	METAL CHIP	47K 5% 1/10W	R421	1-216-817-11	METAL CHIP	470 5% 1/10W
R364	1-216-841-11	METAL CHIP	47K 5% 1/10W	R426	1-216-864-11	SHORT CHIP	0
R365	1-216-841-11	METAL CHIP	47K 5% 1/10W	R427	1-216-864-11	SHORT CHIP	0
R366	1-216-841-11	METAL CHIP	47K 5% 1/10W	R429	1-216-833-11	METAL CHIP	10K 5% 1/10W (EXCEPT MX, E32)
R367	1-216-833-11	METAL CHIP	10K 5% 1/10W	R430	1-216-830-11	METAL CHIP	5.6K 5% 1/10W
R370	1-218-285-11	METAL CHIP	75 5% 1/10W (EXCEPT MX, E32)	R436	1-216-833-11	METAL CHIP	10K 5% 1/10W
R372	1-218-285-11	METAL CHIP	75 5% 1/10W (EXCEPT MX, E32)	R437	1-216-830-11	METAL CHIP	5.6K 5% 1/10W
R373	1-216-833-11	METAL CHIP	10K 5% 1/10W	R438	1-216-833-11	METAL CHIP	10K 5% 1/10W
R374	1-216-845-11	METAL CHIP	100K 5% 1/10W	*****			
R375	1-216-864-11	SHORT CHIP	0	A-1222-521-A	JACK BOARD, COMPLETE (EXCEPT EA, TH)		
R378	1-216-864-11	SHORT CHIP	0	A-1239-706-A	JACK BOARD, COMPLETE (EA)		
R379	1-216-833-11	METAL CHIP	10K 5% 1/10W	A-1361-271-A	JACK BOARD, COMPLETE (DZ750K: TH)		
R380	1-216-864-11	SHORT CHIP	0	A-1361-274-A	JACK BOARD, COMPLETE (DZ555K: TH)		
(SP, AUS, E3, E12, KR, RU, TH, TW)				*****			
R381	1-216-864-11	SHORT CHIP	0 (EA, MX, E32)	< CAPACITOR >			
R382	1-216-833-11	METAL CHIP	10K 5% 1/10W	C401	1-124-589-11	ELECT	47uF 20% 16V
R383	1-216-837-11	METAL CHIP	22K 5% 1/10W	C403	1-124-584-00	ELECT	100uF 20% 10V
R386	1-216-864-11	SHORT CHIP	0 (EXCEPT MX, E32)	C404	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
R387	1-216-815-11	METAL CHIP	330 5% 1/10W	C405	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
R388	1-215-865-11	METAL OXIDE	220 5% 1W	C406	1-124-584-00	ELECT	100uF 20% 10V
R389	1-216-864-11	SHORT CHIP	0 (MX, E32)	C410	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
R390	1-216-829-11	METAL CHIP	4.7K 5% 1/10W	C411	1-126-157-11	ELECT	10uF 20% 16V
R391	1-216-864-11	SHORT CHIP	0 (EXCEPT MX, E32)	C412	1-164-315-11	CERAMIC CHIP	470PF 5% 50V
R392	1-216-833-11	METAL CHIP	10K 5% 1/10W	C413	1-162-960-11	CERAMIC CHIP	220PF 10% 50V
R393	1-216-833-11	METAL CHIP	10K 5% 1/10W (EXCEPT MX, E32)	C420	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
R394	1-216-821-11	METAL CHIP	1K 5% 1/10W	C421	1-126-157-11	ELECT	10uF 20% 16V
R395	1-216-821-11	METAL CHIP	1K 5% 1/10W (EXCEPT MX, E32)	C422	1-164-315-11	CERAMIC CHIP	470PF 5% 50V
R396	1-216-833-11	METAL CHIP	10K 5% 1/10W	C423	1-162-960-11	CERAMIC CHIP	220PF 10% 50V
R397	1-216-833-11	METAL CHIP	10K 5% 1/10W (EXCEPT MX, E32)	C431	1-117-863-11	CERAMIC CHIP	0.47uF 10% 6.3V
R398	1-216-833-11	METAL CHIP	10K 5% 1/10W	C432	1-164-315-11	CERAMIC CHIP	470PF 5% 50V
				C433	1-162-925-11	CERAMIC CHIP	68PF 5% 50V
				C434	1-110-563-11	CERAMIC CHIP	0.068uF 10% 16V
				C440	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
				C441	1-126-157-11	ELECT	10uF 20% 16V

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JACK **MAIN**

Ref. No.	Part No.	Description	Remark
C442	1-164-315-11	CERAMIC CHIP 470PF 5%	50V
C443	1-162-960-11	CERAMIC CHIP 220PF 10%	50V
C471	1-124-222-91	ELECT 22uF 20%	6.3V
C491	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V
C493	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V
C849	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V
C850	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V
< CONNECTOR >			
CN806	1-779-550-21	CONNECTOR, FFC (LIF (NON-ZIF)) 13P (EXCEPT EA/DZ555K: TH)	
CN806	1-818-172-11	CONNECTOR, FPC/FFC 13P (EA/DZ555K: TH)	
< DIODE >			
D470	6-501-193-01	DIODE 1SS355WTE-17	
D492	6-501-193-01	DIODE 1SS355WTE-17	
D493	6-501-193-01	DIODE 1SS355WTE-17	
D496	6-501-193-01	DIODE 1SS355WTE-17	
D497	6-501-193-01	DIODE 1SS355WTE-17	
< FERRITE BEAD >			
FB470	1-216-864-11	SHORT CHIP 0 (TH)	
FB470	1-500-236-22	BEAD, FERRITE (CHIP) (1608)(EXCEPT TH)	
FB471	1-216-864-11	SHORT CHIP 0 (TH)	
FB471	1-500-236-22	BEAD, FERRITE (CHIP) (1608)(EXCEPT TH)	
FB474	1-216-864-11	SHORT CHIP 0 (TH)	
FB474	1-500-236-22	BEAD, FERRITE (CHIP) (1608)(EXCEPT TH)	
FB475	1-216-864-11	SHORT CHIP 0 (TH)	
FB475	1-500-236-22	BEAD, FERRITE (CHIP) (1608)(EXCEPT TH)	
< IC >			
IC401	8-759-100-96	IC uPC4558G2	
IC402	8-759-100-96	IC uPC4558G2	
< JACK >			
J401	1-819-878-21	JACK (AUDIO IN/MIC1/A.CAL MIC)	
J402	1-819-878-21	JACK (MIC2)	
< JUMPER RESISTOR >			
JR816	1-216-864-11	SHORT CHIP 0	
< TRANSISTOR >			
Q470	8-729-038-28	TRANSISTOR RT1N441C-TP-1	
Q471	8-729-027-23	TRANSISTOR DTA114EKA-T146	
Q473	8-729-027-23	TRANSISTOR DTA114EKA-T146	
Q474	8-729-038-11	TRANSISTOR RT1P140C-TP-1	
Q475	8-729-038-28	TRANSISTOR RT1N441C-TP-1	
< RESISTOR >			
R401	1-216-827-11	METAL CHIP 3.3K 5%	1/10W
R402	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
R403	1-216-821-11	METAL CHIP 1K 5%	1/10W
R404	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
R405	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
R410	1-216-845-11	METAL CHIP 100K 5%	1/10W
R411	1-216-817-11	METAL CHIP 470 5%	1/10W
R412	1-216-837-11	METAL CHIP 22K 5%	1/10W
R413	1-216-821-11	METAL CHIP 1K 5%	1/10W
R414	1-216-835-11	METAL CHIP 15K 5%	1/10W
R415	1-216-821-11	METAL CHIP 1K 5%	1/10W

Ref. No.	Part No.	Description	Remark
R416	1-216-801-11	METAL CHIP 22 5%	1/10W
R420	1-216-845-11	METAL CHIP 100K 5%	1/10W
R421	1-216-817-11	METAL CHIP 470 5%	1/10W
R422	1-216-837-11	METAL CHIP 22K 5%	1/10W
R423	1-216-821-11	METAL CHIP 1K 5%	1/10W
R424	1-216-821-11	METAL CHIP 1K 5%	1/10W
R431	1-216-864-11	SHORT CHIP 0	
R432	1-216-837-11	METAL CHIP 22K 5%	1/10W
R433	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R434	1-216-864-11	SHORT CHIP 0	
R435	1-216-857-11	METAL CHIP 1M 5%	1/10W
R440	1-216-845-11	METAL CHIP 100K 5%	1/10W
R441	1-216-817-11	METAL CHIP 470 5%	1/10W
R442	1-216-837-11	METAL CHIP 22K 5%	1/10W
R443	1-216-821-11	METAL CHIP 1K 5%	1/10W
R444	1-216-835-11	METAL CHIP 15K 5%	1/10W
R445	1-162-927-11	CERAMIC CHIP 100PF 5%	50V (KR, RU, TW/DZ750K: TH)
R470	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R471	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R472	1-216-819-11	METAL CHIP 680 5%	1/10W
R478	1-216-809-11	METAL CHIP 100 5%	1/10W
R480	1-216-805-11	METAL CHIP 47 5%	1/10W
R481	1-216-845-11	METAL CHIP 100K 5%	1/10W
R482	1-216-833-11	METAL CHIP 10K 5%	1/10W
R490	1-216-864-11	SHORT CHIP 0	
R491	1-216-864-11	SHORT CHIP 0	
R492	1-216-864-11	SHORT CHIP 0	
R851	1-216-864-11	SHORT CHIP 0	
R852	1-216-827-11	METAL CHIP 3.3K 5%	1/10W
R853	1-216-827-11	METAL CHIP 3.3K 5%	1/10W
R854	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R855	1-216-821-11	METAL CHIP 1K 5%	1/10W
R856	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R857	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R858	1-216-864-11	SHORT CHIP 0	
< SWITCH >			
S800	1-480-136-11	ENCODER, ROTARY (12 TYPE) (VOLUME)	
S802	1-762-875-21	SWITCH, KEYBOARD (FUNCTION)	
S803	1-762-875-21	SWITCH, KEYBOARD (◀◀)	
S804	1-762-875-21	SWITCH, KEYBOARD (▣)	
S805	1-762-875-21	SWITCH, KEYBOARD (■)	
S806	1-762-875-21	SWITCH, KEYBOARD (▶▶)	
S807	1-762-875-21	SWITCH, KEYBOARD (≡)	
S808	1-762-875-21	SWITCH, KEYBOARD (▷)	

Ⓔ	A-1243-097-A	MAIN BOARD, COMPLETE (DZ556KB:E3)	
Ⓔ	A-1243-106-A	MAIN BOARD, COMPLETE (TW)	
Ⓔ	A-1243-178-A	MAIN BOARD, COMPLETE (DZ555K:SP)	
Ⓔ	A-1243-179-A	MAIN BOARD, COMPLETE (MX,E32)	
Ⓔ	A-1243-180-A	MAIN BOARD, COMPLETE (RU)	
Ⓔ	A-1243-181-A	MAIN BOARD, COMPLETE (DZ750K:E3)	
Ⓔ	A-1243-182-A	MAIN BOARD, COMPLETE (D750K:SP, TH)	
Ⓔ	A-1243-184-A	MAIN BOARD, COMPLETE (DZ750K:AUS)	
Ⓔ	A-1243-185-A	MAIN BOARD, COMPLETE (DZ750K:KR)	
Ⓔ	A-1249-208-A	MAIN BOARD, COMPLETE (DZ555K:AUS)	
Ⓔ	A-1249-216-A	MAIN BOARD, COMPLETE (DZ555K:KR)	
Ⓔ	A-1253-103-A	MAIN BOARD, COMPLETE (DZ555K:TH)	
Ⓔ	A-1253-104-A	MAIN BOARD, COMPLETE (EA)	
Ⓔ	A-1259-108-A	MAIN BOARD, COMPLETE (E12)	

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		< CAPACITOR >		C538	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V
C450	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C651	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C451	1-126-947-11	ELECT 47uF	20% 35V			(EXCEPT KR, RU, TW/DZ750K: TH)	
C452	1-126-947-11	ELECT 47uF	20% 35V	C705	1-126-964-11	ELECT 10uF	20% 50V
C453	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V	C706	1-126-964-11	ELECT 10uF	20% 50V
C454	1-126-960-11	ELECT 1uF	20% 50V	C707	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
				C708	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C455	1-126-947-11	ELECT 47uF	20% 35V				
C456	1-162-927-11	CERAMIC CHIP 100PF	5% 50V	C717	1-126-964-11	ELECT 10uF	20% 50V
C457	1-104-662-91	ELECT 22uF	20% 25V	C718	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C458	1-162-927-11	CERAMIC CHIP 100PF	5% 50V	C1101	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
C459	1-126-947-11	ELECT 47uF	20% 35V	C1102	1-125-837-91	CERAMIC CHIP 1uF	10% 6.3V
				C1105	1-126-947-11	ELECT 47uF	20% 35V
C460	1-126-961-11	ELECT 2.2uF	20% 50V				
C461	1-126-961-11	ELECT 2.2uF	20% 50V	C1106	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
C462	1-126-947-11	ELECT 47uF	20% 35V	C1110	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
C463	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C1112	1-128-994-21	ELECT CHIP 47uF	20% 10V
C464	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C1113	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
				C1114	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C465	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V				
C466	1-126-947-11	ELECT 47uF	20% 35V	C1115	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
		(SP, E12, MX, E32, TH)		C1116	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C467	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C1117	1-124-779-00	ELECT CHIP 10uF	20% 16V
		(SP, E12, MX, E32, TH)		C1118	1-126-964-11	ELECT 10uF	20% 50V
C468	1-162-968-11	CERAMIC CHIP 0.0047uF	10% 50V	C1119	1-126-964-11	ELECT 10uF	20% 50V
		(SP, E12, MX, E32, TH)					
C469	1-126-964-11	ELECT 10uF	20% 50V	C1120	1-165-908-11	CERAMIC CHIP 1uF	10% 10V
		(SP, E12, MX, E32, TH)		C1121	1-165-908-11	CERAMIC CHIP 1uF	10% 10V
				C1122	1-165-908-11	CERAMIC CHIP 1uF	10% 10V
C470	1-126-947-11	ELECT 47uF	20% 35V	C1123	1-165-908-11	CERAMIC CHIP 1uF	10% 10V
		(SP, E12, MX, E32, TH)		C1124	1-165-908-11	CERAMIC CHIP 1uF	10% 10V
C471	1-162-927-11	CERAMIC CHIP 100PF	5% 50V				
		(SP, E12, MX, E32, TH)		C1125	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C501	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C1126	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C502	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C1127	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
C503	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C1128	1-164-172-11	CERAMIC CHIP 0.0056uF	10% 25V
				C1130	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C504	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V				
C505	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V	C1131	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C506	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C1132	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C507	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C1133	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C508	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C1135	1-164-677-11	CERAMIC CHIP 0.033uF	10% 16V
				C1136	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
C509	1-165-908-11	CERAMIC CHIP 1uF	10% 10V				
C510	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C1137	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C511	1-162-964-11	CERAMIC CHIP 0.001uF	10% 50V	C1138	1-162-964-11	CERAMIC CHIP 0.001uF	10% 50V
		(EXCEPT KR, RU, TW/DZ750K: TH)		C1139	1-162-919-11	CERAMIC CHIP 22PF	5% 50V
C515	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C1140	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C516	1-165-908-11	CERAMIC CHIP 1uF	10% 10V	C1144	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
C517	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C1145	1-124-779-00	ELECT CHIP 10uF	20% 16V
C518	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C1146	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C519	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C1147	1-165-176-11	CERAMIC CHIP 0.047uF	10% 16V
C520	1-127-715-91	CERAMIC CHIP 0.22uF	10% 16V	C1148	1-165-176-11	CERAMIC CHIP 0.047uF	10% 16V
C521	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V	C1149	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C522	1-127-715-91	CERAMIC CHIP 0.22uF	10% 16V	C1150	1-124-779-00	ELECT CHIP 10uF	20% 16V
C523	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C1151	1-162-964-11	CERAMIC CHIP 0.001uF	10% 50V
C524	1-126-947-11	ELECT 47uF	20% 35V	C1152	1-162-916-11	CERAMIC CHIP 12PF	5% 50V
C525	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C1153	1-162-916-11	CERAMIC CHIP 12PF	5% 50V
C526	1-104-658-91	ELECT 100uF	20% 10V	C1154	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C527	1-126-916-11	ELECT 1000uF	20% 6.3V	C1155	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
C528	1-126-916-11	ELECT 1000uF	20% 6.3V	C1156	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
C529	1-107-823-11	CERAMIC CHIP 0.47uF	10% 16V	C1157	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
C531	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C1158	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
C532	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C1160	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
C533	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C1161	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
C534	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C1162	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
C535	1-126-947-11	ELECT 47uF	20% 35V	C1163	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
C536	1-126-947-11	ELECT 47uF	20% 35V	C1164	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V

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Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C1169	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1711	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1170	1-124-779-00	ELECT CHIP	10uF	20%	16V	C1712	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1171	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1713	1-164-172-11	CERAMIC CHIP	0.0056uF	10%	25V
C1172	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C1714	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1173	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C1715	1-126-947-11	ELECT	47uF	20%	35V
C1174	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C1716	1-127-715-91	CERAMIC CHIP	0.22uF	10%	16V
C1175	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C1717	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1176	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C1718	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1177	1-126-947-11	ELECT	47uF	20%	35V	C1719	1-127-715-91	CERAMIC CHIP	0.22uF	10%	16V
C1179	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1720	1-127-715-91	CERAMIC CHIP	0.22uF	10%	16V
C1180	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1723	1-127-715-91	CERAMIC CHIP	0.22uF	10%	16V
C1181	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C1725	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1182	1-127-715-91	CERAMIC CHIP	0.22uF	10%	16V	C1727	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1183	1-128-934-91	CERAMIC CHIP	0.33uF	20%	10V	C1729	1-127-715-91	CERAMIC CHIP	0.22uF	10%	16V
C1184	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C1730	1-127-715-91	CERAMIC CHIP	0.22uF	10%	16V
C1186	1-127-715-91	CERAMIC CHIP	0.22uF	10%	16V	C1736	1-126-947-11	ELECT	47uF	20%	35V
C1187	1-126-947-11	ELECT	47uF	20%	35V	C2103	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1190	1-104-658-91	ELECT	100uF	20%	10V	C2104	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1191	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2105	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1192	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C2106	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1193	1-127-715-91	CERAMIC CHIP	0.22uF	10%	16V	C2107	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1195	1-127-715-91	CERAMIC CHIP	0.22uF	10%	16V	C2108	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1197	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2110	1-104-658-91	ELECT	100uF	20%	10V
C1198	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C2111	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C1199	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V	C2114	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1203	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C2130	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1205	1-164-230-11	CERAMIC CHIP	220PF	5%	50V	C3000	1-126-382-11	ELECT	100uF	20%	16V
C1206	1-164-230-11	CERAMIC CHIP	220PF	5%	50V	C3001	1-126-947-11	ELECT	47uF	20%	35V
C1208	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3002	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C1209	1-164-677-11	CERAMIC CHIP	0.033uF	10%	16V	C3003	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1210	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3004	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1211	1-164-677-11	CERAMIC CHIP	0.033uF	10%	16V						(EXCEPT EA/DZ555K: TH)
C1212	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3011	1-126-947-11	ELECT	47uF	20%	35V
C1213	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3012	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1214	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C3013	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1215	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3014	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1217	1-126-947-11	ELECT	47uF	20%	35V	C3015	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1218	1-126-964-11	ELECT	10uF	20%	50V	C3016	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1219	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3017	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1220	1-126-964-11	ELECT	10uF	20%	50V	C3018	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1221	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C3019	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1222	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C3020	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1223	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C3021	1-126-947-11	ELECT	47uF	20%	35V
C1224	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3022	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1225	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C3023	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1226	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C3024	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1233	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V	C3025	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1602	1-128-994-21	ELECT CHIP	47uF	20%	10V	C3026	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1603	1-128-994-21	ELECT CHIP	47uF	20%	10V	C3027	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1701	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C3028	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1702	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C3029	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1703	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3030	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1704	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C3031	1-126-947-11	ELECT	47uF	20%	35V
C1706	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C3032	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1707	1-126-965-91	ELECT	22uF	20%	50V	C3033	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1709	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C3034	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1710	1-126-964-11	ELECT	10uF	20%	50V	C3035	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C3036	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	C3166	1-112-831-11	ELECT	2200uF 20% 35V
C3037	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V				
C3038	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	C3167	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V (EXCEPT EA/DZ555K: TH)
C3039	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	C3172	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
C3040	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	C3173	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
C3051	1-115-339-11	CERAMIC CHIP	0.1uF 10% 50V	C3200	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V
C3052	1-165-908-11	CERAMIC CHIP	1uF 10% 10V	C3203	1-107-725-11	CERAMIC CHIP	0.1uF 10% 16V
C3053	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V (EXCEPT KR, RU, TW/DZ750K: TH)	C3204	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C3054	1-126-933-11	ELECT	100uF 20% 16V	C3205	1-107-725-11	CERAMIC CHIP	0.1uF 10% 16V
C3055	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	C3206	1-115-185-11	CERAMIC CHIP	0.033uF 10% 50V
C3056	1-126-923-91	ELECT	220uF 20% 10V	C3207	1-115-185-11	CERAMIC CHIP	0.033uF 10% 50V
C3057	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	C3208	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V
C3058	1-162-910-11	CERAMIC CHIP	5PF 0.25PF 50V	C3209	1-112-246-11	ELECT	100uF 20% 35V
C3059	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	C3212	1-112-246-11	ELECT	100uF 20% 35V
C3060	1-162-915-11	CERAMIC CHIP	10PF 0.5PF 50V	C3213	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V
C3067	1-162-927-11	CERAMIC CHIP	100PF 5% 50V	C3214	1-137-198-81	FILM	1uF 5% 50V
C3068	1-162-927-11	CERAMIC CHIP	100PF 5% 50V	C3215	1-137-198-81	FILM	1uF 5% 50V
C3069	1-162-927-11	CERAMIC CHIP	100PF 5% 50V	C3216	1-112-831-11	ELECT	2200uF 20% 35V
C3070	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	C3217	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V (EXCEPT EA/DZ555K: TH)
C3071	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	C3250	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V
C3072	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	C3253	1-107-725-11	CERAMIC CHIP	0.1uF 10% 16V
C3073	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	C3254	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C3091	1-126-934-11	ELECT	220uF 20% 16V	C3255	1-107-725-11	CERAMIC CHIP	0.1uF 10% 16V
C3100	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V	C3256	1-115-185-11	CERAMIC CHIP	0.033uF 10% 50V
C3103	1-107-725-11	CERAMIC CHIP	0.1uF 10% 16V	C3257	1-115-185-11	CERAMIC CHIP	0.033uF 10% 50V
C3104	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C3258	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V
C3105	1-107-725-11	CERAMIC CHIP	0.1uF 10% 16V	C3259	1-112-246-11	ELECT	100uF 20% 35V
C3106	1-115-185-11	CERAMIC CHIP	0.033uF 10% 50V	C3262	1-112-246-11	ELECT	100uF 20% 35V
C3107	1-115-185-11	CERAMIC CHIP	0.033uF 10% 50V	C3263	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V
C3108	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V	C3264	1-137-198-81	FILM	1uF 5% 50V
C3109	1-112-246-11	ELECT	100uF 20% 35V	C3265	1-137-198-81	FILM	1uF 5% 50V
C3112	1-112-246-11	ELECT	100uF 20% 35V	C3266	1-112-831-11	ELECT	2200uF 20% 35V
C3113	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V	C3267	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V (EXCEPT EA/DZ555K: TH)
C3114	1-137-198-81	FILM	1uF 5% 50V	C3300	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V
C3115	1-137-198-81	FILM	1uF 5% 50V	C3303	1-107-725-11	CERAMIC CHIP	0.1uF 10% 16V
C3116	1-112-831-11	ELECT	2200uF 20% 35V	C3304	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C3117	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V (EXCEPT EA/DZ555K: TH)	C3305	1-107-725-11	CERAMIC CHIP	0.1uF 10% 16V
C3122	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	C3306	1-115-185-11	CERAMIC CHIP	0.033uF 10% 50V
C3123	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	C3307	1-115-185-11	CERAMIC CHIP	0.033uF 10% 50V
C3124	1-164-505-11	CERAMIC CHIP	2.2uF 16V	C3308	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V
C3125	1-164-505-11	CERAMIC CHIP	2.2uF 16V	C3309	1-112-246-11	ELECT	100uF 20% 35V
C3126	1-164-505-11	CERAMIC CHIP	2.2uF 16V	C3312	1-112-246-11	ELECT	100uF 20% 35V
C3127	1-164-505-11	CERAMIC CHIP	2.2uF 16V	C3313	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V
C3128	1-164-505-11	CERAMIC CHIP	2.2uF 16V	C3314	1-137-198-81	FILM	1uF 5% 50V
C3129	1-117-370-11	CERAMIC CHIP	10uF 10V	C3315	1-137-198-81	FILM	1uF 5% 50V
C3150	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V	C3316	1-112-831-11	ELECT	2200uF 20% 35V
C3153	1-107-725-11	CERAMIC CHIP	0.1uF 10% 16V	C3317	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V (EXCEPT EA/DZ555K: TH)
C3154	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C3322	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
C3155	1-107-725-11	CERAMIC CHIP	0.1uF 10% 16V	C3323	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
C3156	1-115-185-11	CERAMIC CHIP	0.033uF 10% 50V	C3400	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V
C3157	1-115-185-11	CERAMIC CHIP	0.033uF 10% 50V	C3403	1-107-725-11	CERAMIC CHIP	0.1uF 10% 16V
C3158	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V	C3404	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C3159	1-112-246-11	ELECT	100uF 20% 35V	C3405	1-107-725-11	CERAMIC CHIP	0.1uF 10% 16V
C3162	1-112-246-11	ELECT	100uF 20% 35V	C3406	1-115-185-11	CERAMIC CHIP	0.033uF 10% 50V
C3163	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V	C3407	1-115-185-11	CERAMIC CHIP	0.033uF 10% 50V
C3164	1-137-198-81	FILM	1uF 5% 50V				
C3165	1-137-198-81	FILM	1uF 5% 50V				

HCD-DZ555K/DZ556KB/DZ750K

Ver. 1.3

MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C3408	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V	CN607	1-784-376-51	CONNECTOR, FFC/FPC 17P (MX, E32)	
C3409	1-112-246-11	ELECT	100uF 20% 35V	CN651	1-779-279-11	CONNECTOR, FFC (LIF (NON-ZIF)) 11P	
C3412	1-112-246-11	ELECT	100uF 20% 35V	CN702	1-779-273-11	CONNECTOR, FFC (LIF (NON-ZIF)) 5P	
C3413	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V			(EXCEPT EA/DZ555K: TH)	
C3414	1-137-198-81	FILM	1uF 5% 50V	CN702	1-815-381-11	CONNECTOR, FPC/FFC 5P (EA/DZ555K: TH)	
C3415	1-137-198-81	FILM	1uF 5% 50V	CN1101	1-815-763-32	CONNECTOR, FFC/FPC 24P	
C3416	1-112-831-11	ELECT	2200uF 20% 35V	* CN1105	1-770-470-21	PIN, CONNECTOR (PC BOARD) 6P	
C3417	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V	* CN1201	1-770-470-21	PIN, CONNECTOR (PC BOARD) 6P	
		(EXCEPT EA/DZ555K: TH)		CN1202	1-784-365-51	CONNECTOR, FFC/FPC 5P	
C3422	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	CN1701	1-820-735-11	HDMI CONNECTOR (HDMI OUT)	
C3423	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	CN3000	1-564-704-41	PIN, CONNECTOR (SMALL TYPE) 2P	
C3500	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V	CN3002	1-785-102-11	PIN, CONNECTOR (3.96mm PITCH) 4P	
C3503	1-107-725-11	CERAMIC CHIP	0.1uF 10% 16V	CN4302	1-784-370-51	CONNECTOR, FFC/FPC 11P	
		(DZ750K)				< DIODE >	
C3504	1-164-156-11	CERAMIC CHIP	0.1uF 25V	D451	6-501-579-01	DIODE MC2837	
		(DZ750K)		D453	6-501-579-01	DIODE MC2837	
C3505	1-107-725-11	CERAMIC CHIP	0.1uF 10% 16V	D455	6-501-579-01	DIODE MC2837	
		(DZ750K)		D456	6-501-579-01	DIODE MC2837	
C3506	1-115-185-11	CERAMIC CHIP	0.033uF 10% 50V	D460	8-719-083-58	DIODE UDZSTE-173.9B (SP, E12, MX, E32, TH)	
		(DZ750K)		D501	6-501-193-01	DIODE 1SS355WTE-17	
C3507	1-115-185-11	CERAMIC CHIP	0.033uF 10% 50V	D502	6-501-193-01	DIODE 1SS355WTE-17	
		(DZ750K)		D504	6-501-193-01	DIODE 1SS355WTE-17	
C3508	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V	D505	6-500-334-01	DIODE MC2836-T112-1	
		(DZ750K)		D506	6-501-193-01	DIODE ISS355WTE-17	
C3509	1-112-246-11	ELECT	100uF 20% 35V			(KR, RU, TW/DZ750K: TH)	
		(DZ750K)		D701	6-501-579-01	DIODE MC2837	
C3512	1-112-246-11	ELECT	100uF 20% 35V	D3071	6-501-193-01	DIODE 1SS355WTE-17	
		(DZ750K)		D3072	6-501-193-01	DIODE 1SS355WTE-17	
C3513	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V	D3073	6-501-193-01	DIODE 1SS355WTE-17	
		(DZ750K)		D3111	6-500-885-01	DIODE P6SMBJ33A-5 (RU)	
C3514	1-137-198-81	FILM	1uF 5% 50V	D3112	6-500-885-01	DIODE P6SMBJ33A-5 (RU)	
		(DZ750K)		D3151	6-500-885-01	DIODE P6SMBJ33A-5 (RU)	
C3515	1-137-198-81	FILM	1uF 5% 50V	D3152	6-500-885-01	DIODE P6SMBJ33A-5 (RU)	
		(DZ750K)		D3201	6-500-885-01	DIODE P6SMBJ33A-5 (RU)	
C3516	1-112-831-11	ELECT	2200uF 20% 35V	D3202	6-500-885-01	DIODE P6SMBJ33A-5 (RU)	
		(DZ750K)		D3251	6-500-885-01	DIODE P6SMBJ33A-5 (RU)	
C3517	1-104-329-11	CERAMIC CHIP	0.1uF 10% 50V	D3252	6-500-885-01	DIODE P6SMBJ33A-5 (RU)	
		(DZ750K)		D3301	6-500-885-01	DIODE P6SMBJ33A-5 (RU)	
C3551	1-126-960-11	ELECT	1uF 20% 50V	D3302	6-500-885-01	DIODE P6SMBJ33A-5 (RU)	
C3552	1-126-964-11	ELECT	10uF 20% 50V	D3401	6-500-885-01	DIODE P6SMBJ33A-5 (RU)	
C3553	1-164-505-11	CERAMIC CHIP	2.2uF 16V	D3402	6-500-885-01	DIODE P6SMBJ33A-5 (RU)	
C3556	1-164-505-11	CERAMIC CHIP	2.2uF 16V	D3551	6-501-579-01	DIODE MC2837	
C3901	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	D4111	6-501-696-01	DIODE RSA39LATE25 (EXCEPT RU)	
C3902	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	D4112	6-501-696-01	DIODE RSA39LATE25 (EXCEPT RU)	
C3903	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	D4151	6-501-696-01	DIODE RSA39LATE25 (EXCEPT RU)	
C3904	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	D4152	6-501-696-01	DIODE RSA39LATE25 (EXCEPT RU)	
C3911	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V	D4201	6-501-696-01	DIODE RSA39LATE25 (EXCEPT RU)	
C3912	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V	D4202	6-501-696-01	DIODE RSA39LATE25 (EXCEPT RU)	
C3913	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V	D4251	6-501-696-01	DIODE RSA39LATE25 (EXCEPT RU)	
C3914	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V	D4252	6-501-696-01	DIODE RSA39LATE25 (EXCEPT RU)	
C4501	1-117-370-11	CERAMIC CHIP	10uF 10V	D4301	6-501-696-01	DIODE RSA39LATE25 (EXCEPT RU)	
C4502	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	D4302	6-501-696-01	DIODE RSA39LATE25 (EXCEPT RU)	
C4504	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	D4401	6-501-696-01	DIODE RSA39LATE25 (EXCEPT RU)	
C9772	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	D4402	6-501-696-01	DIODE RSA39LATE25 (EXCEPT RU)	
		< CONNECTOR >		D4501	6-501-696-01	DIODE RSA39LATE25 (DZ750K)	
CN451	1-820-048-11	CONNECTOR (LIGHTING)		D4502	6-501-696-01	DIODE RSA39LATE25 (DZ750K)	
		(SP, E12, MX, E32, TH)(D-LIGHT SYNC OUT)		D9712	6-501-193-01	DIODE 1SS355WTE-17	
CN502	1-778-692-51	CONNECTOR, FFC/FPC 21P				< TERMINAL GROUND >	
CN503	1-784-368-51	CONNECTOR, FFC/FPC 9P		EB505	1-537-738-21	TERMINAL, GROUND (EA/DZ555K: TH)	
		(EXCEPT KR, RU, TH, TW)		EB702	1-537-738-21	TERMINAL, GROUND (EA/DZ555K: TH)	
CN512	1-506-469-11	PIN, CONNECTOR 4P (EXCEPT KR, RU, TH, TW)					
CN605	1-778-692-51	CONNECTOR, FFC/FPC 21P (EXCEPT MX, E32)					

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
EB1701	1-537-738-21	TERMINAL, GROUND (EA/DZ555K: TH)		IC1102	6-807-664-01	IC S29AL032D70TF-OH11-0705CE (AUS, E3, EA, E12, RU)	
EB1703	1-537-738-21	TERMINAL, GROUND (EA/DZ555K: TH)		IC1102	6-807-665-01	IC S29AL032D70TF-OH11-0705GA (SP, KR, TW/DZ750K: TH)	
EB3001	1-537-738-21	TERMINAL, GROUND (EA/DZ555K: TH)		IC1103	not supplied	IC BR24L64F-WE2	
EB3002	1-537-738-21	TERMINAL, GROUND (EA/DZ555K: TH)		IC1104	6-709-737-01	IC M12L64164A-7T (G)	
EB3004	1-537-738-21	TERMINAL, GROUND (EA/DZ555K: TH)		IC1105	6-702-302-01	IC TK11133CSCL-G	
< FERRITE BEAD >							
FB504	1-469-324-21	FERRITE, EMI (SMD) (2012)		IC1107	6-702-302-01	IC TK11133CSCL-G	
FB505	1-469-324-21	FERRITE, EMI (SMD) (2012)		IC1110	6-707-739-01	IC MM1661JTRE	
FB506	1-469-324-21	FERRITE, EMI (SMD) (2012)		IC1111	6-704-100-01	IC TC7PAU04FU (TE85R)	
FB507	1-469-324-21	FERRITE, EMI (SMD) (2012)		IC1201	6-704-524-01	IC FAN8036L	
FB508	1-469-324-21	FERRITE, EMI (SMD) (2012)		IC1701	6-708-682-01	IC CXD9873Q	
FB509	1-469-324-21	FERRITE, EMI (SMD) (2012)		IC1702	6-702-300-01	IC TK11118CSCL-G	
FB510	1-469-324-21	FERRITE, EMI (SMD) (2012)		IC1703	6-702-302-01	IC TK11133CSCL-G	
FB1106	1-469-324-21	FERRITE, EMI (SMD) (2012)		IC1705	8-759-592-47	IC TC7SZ08FU (TE85R)	
FB1107	1-469-324-21	FERRITE, EMI (SMD) (2012)		IC1707	6-705-337-01	IC TK11150CSCL-G	
FB1108	1-469-324-21	FERRITE, EMI (SMD) (2012)		IC3003	8-759-680-48	IC TC7WH157FK (TE85R)	
FB1111	1-469-670-21	FERRITE, EMI (SMD) (2012)		IC3010	6-707-939-01	IC CXD9843AR	
FB1112	1-469-670-21	FERRITE, EMI (SMD) (2012)		IC3020	6-707-939-01	IC CXD9843AR	
FB1115	1-469-670-21	FERRITE, EMI (SMD) (2012)		IC3030	6-707-939-01	IC CXD9843AR	
FB1123	1-469-324-21	FERRITE, EMI (SMD) (2012)		IC3050	6-702-300-01	IC TK11118CSCL-G (EXCEPT KR, RU, TW/DZ750K: TH)	
FB1601	1-469-324-21	FERRITE, EMI (SMD) (2012)		IC3050	6-705-311-01	IC S-T111B18MC-OGDTFG (KR, RU, TW/DZ750K: TH)	
FB1602	1-469-324-21	FERRITE, EMI (SMD) (2012)		IC3051	6-706-492-01	IC TC7SHU04FU (T5RSOJF)	
FB1603	1-469-324-21	FERRITE, EMI (SMD) (2012)		IC3100	6-708-921-01	IC CXD9883M	
FB1701	1-469-324-21	FERRITE, EMI (SMD) (2012)		IC3150	6-708-921-01	IC CXD9883M	
FB1702	1-469-324-21	FERRITE, EMI (SMD) (2012)		IC3200	6-708-921-01	IC CXD9883M	
FB1703	1-469-324-21	FERRITE, EMI (SMD) (2012)		IC3250	6-708-921-01	IC CXD9883M	
FB2101	1-469-324-21	FERRITE, EMI (SMD) (2012)		IC3300	6-708-921-01	IC CXD9883M	
FB2103	1-469-324-21	FERRITE, EMI (SMD) (2012)		IC3400	6-708-921-01	IC CXD9883M	
FB2120	1-469-118-21	FERRITE, EMI (SMD) (1608)		IC3500	6-708-921-01	IC CXD9883M (DZ750K)	
FB2121	1-469-118-21	FERRITE, EMI (SMD) (1608)		IC4501	8-759-573-97	IC SN74LVC541APWR	
FB2122	1-469-118-21	FERRITE, EMI (SMD) (1608)		< COIL >			
FB2123	1-469-118-21	FERRITE, EMI (SMD) (1608)		L701	1-414-754-11	INDUCTOR 10uH	
FB2124	1-469-118-21	FERRITE, EMI (SMD) (1608)		L3000	1-469-527-91	INDUCTOR 47uH	
FB2125	1-469-118-21	FERRITE, EMI (SMD) (1608)		L3051	1-414-754-11	INDUCTOR 10uH	
FB3051	1-216-295-91	SHORT CHIP 0		L3052	1-414-754-11	INDUCTOR 10uH	
< FILTER >							
FL1111	1-234-494-21	FILTER, EMI REMOVAL (SMD)		L3053	1-414-754-11	INDUCTOR 10uH	
FL4501	1-234-177-21	FILTER, CHIP EMI		L3054	1-412-939-11	INDUCTOR 1uH	
< IC >							
IC451	8-759-710-97	IC NJM4565M-D		L3111	1-456-680-11	INDUCTOR 10uH	
IC452	8-759-700-07	IC NJM2903M		L3112	1-456-680-11	INDUCTOR 10uH	
IC453	8-759-700-07	IC NJM2903M		L3151	1-456-680-11	INDUCTOR 10uH	
IC454	8-759-100-96	IC uPC4558G2 (SP, E12, MX, E32, TH)		L3152	1-456-680-11	INDUCTOR 10uH	
IC501	6-807-590-01	IC M30622MEP-B32FPU0 (EA/DZ555K: TH)		L3201	1-456-680-11	INDUCTOR 10uH	
IC501	6-807-799-01	IC M30622MEP-B42FPU0 (EXCEPT EA/DZ555K: TH)		L3202	1-456-680-11	INDUCTOR 10uH	
IC502	6-702-302-01	IC TK11133CSCL-G (EXCEPT KR, RU, TW/DZ750K: TH)		L3251	1-456-680-11	INDUCTOR 10uH	
IC502	6-702-312-01	IC S-T111B33MC-OGSTFG (KR, RU, TW/DZ750K: TH)		L3252	1-456-680-11	INDUCTOR 10uH	
IC503	6-708-922-01	IC PST3635NR		L3301	1-456-680-11	INDUCTOR 10uH	
IC504	6-709-034-01	IC NJM2887DL3 (TE2)		L3302	1-456-680-11	INDUCTOR 10uH	
IC651	6-706-487-01	IC TC7SH08FU (T5RSOYJF) (EXCEPT KR, RU, TW/DZ750K: TH)		L3401	1-456-680-11	INDUCTOR 10uH	
IC772	6-710-554-01	IC PCM1808PWR		L3402	1-456-680-11	INDUCTOR 10uH	
IC1101	6-710-093-01	IC CXD9889R		L3501	1-456-680-11	INDUCTOR 10uH (DZ750K)	
IC1102	6-807-167-01	IC S29AL032D70TF-OH11-0702GA (DZ555K: TH)		L3502	1-456-680-11	INDUCTOR 10uH (DZ750K)	
IC1102	6-807-663-01	IC S29AL032D70TF-OH11-0705UC (MX, E32)		L3901	1-457-077-11	AIR-CORE COIL (EXCEPT EA/DZ555K: TH)	
				L3901	1-457-077-21	AIR-CORE COIL (EA/DZ555K: TH)	
				L3902	1-457-078-11	AIR-CORE COIL (EXCEPT EA/DZ555K: TH)	
				L3902	1-457-078-21	AIR-CORE COIL (EA/DZ555K: TH)	
				L3903	1-457-077-11	AIR-CORE COIL (EXCEPT EA/DZ555K: TH)	
				L3903	1-457-077-21	AIR-CORE COIL (EA/DZ555K: TH)	
				L3904	1-457-078-11	AIR-CORE COIL (EXCEPT EA/DZ555K: TH)	
				L3904	1-457-078-21	AIR-CORE COIL (EA/DZ555K: TH)	

HCD-DZ555K/DZ556KB/DZ750K

Ver. 1.3

MAIN

Ref. No.	Part No.	Description	Remark
< TRANSISTOR >			
Q503	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q504	6-550-718-01	TRANSISTOR RSR025N03TL	
Q631	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF (EXCEPT KR, RU, TW/DZ750K: TH)	
Q632	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF (EXCEPT KR, RU, TW/DZ750K: TH)	
Q651	8-729-027-52	TRANSISTOR DTC124EKA-T146 (KR, RU, TW/DZ750K: TH)	
Q652	8-729-027-52	TRANSISTOR DTC124EKA-T146 (KR, RU, TW/DZ750K: TH)	
Q1101	6-550-008-01	TRANSISTOR UM6K1N-TN	
Q1102	6-550-653-01	TRANSISTOR QST8TR	
Q1103	8-729-027-52	TRANSISTOR DTC124EKA-T146	
Q1701	6-550-008-01	TRANSISTOR UM6K1N-TN	
Q3000	8-729-142-48	TRANSISTOR 2SD1616-TP-LK	
Q3001	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q3002	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q3101	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3102	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3151	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3152	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3201	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3202	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3251	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3252	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3301	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3302	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3401	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3402	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3551	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q3552	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q3553	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q9724	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR	
Q9726	8-729-905-35	TRANSISTOR 2SC4081-R	
Q9728	8-729-905-35	TRANSISTOR 2SC4081-R	
Q9729	8-729-027-43	TRANSISTOR DTC114EKA-T146	
< RESISTOR >			
R146	1-216-805-11	METAL CHIP 47	5% 1/10W
R451	1-216-829-11	METAL CHIP 4.7K	5% 1/10W
R452	1-216-829-11	METAL CHIP 4.7K	5% 1/10W
R453	1-216-845-11	METAL CHIP 100K	5% 1/10W
R454	1-216-845-11	METAL CHIP 100K	5% 1/10W
R455	1-216-821-11	METAL CHIP 1K	5% 1/10W
R456	1-216-853-11	METAL CHIP 470K	5% 1/10W
R457	1-216-821-11	METAL CHIP 1K	5% 1/10W
R458	1-216-864-11	SHORT CHIP 0	
R459	1-216-841-11	METAL CHIP 47K	5% 1/10W
R460	1-216-851-11	METAL CHIP 330K	5% 1/10W
R461	1-216-821-11	METAL CHIP 1K	5% 1/10W
R462	1-216-825-11	METAL CHIP 2.2K	5% 1/10W
R463	1-216-825-11	METAL CHIP 2.2K	5% 1/10W
R464	1-216-841-11	METAL CHIP 47K	5% 1/10W
R465	1-216-837-11	METAL CHIP 22K	5% 1/10W
R466	1-216-842-11	METAL CHIP 56K	5% 1/10W
R467	1-216-825-11	METAL CHIP 2.2K	5% 1/10W
R469	1-216-833-11	METAL CHIP 10K	5% 1/10W
R470	1-216-833-11	METAL CHIP 10K	5% 1/10W
R471	1-216-825-11	METAL CHIP 2.2K	5% 1/10W
R473	1-216-829-11	METAL CHIP 4.7K	5% 1/10W

Ref. No.	Part No.	Description	Remark
R474	1-216-829-11	METAL CHIP 4.7K	5% 1/10W
R476	1-216-829-11	METAL CHIP 4.7K	5% 1/10W
R477	1-216-829-11	METAL CHIP 4.7K	5% 1/10W
R479	1-216-829-11	METAL CHIP 4.7K	5% 1/10W
R480	1-216-864-11	SHORT CHIP 0	
R481	1-216-864-11	SHORT CHIP 0	
R482	1-216-864-11	SHORT CHIP 0	
R483	1-216-864-11	SHORT CHIP 0	
R484	1-216-864-11	SHORT CHIP 0	
R487	1-216-809-11	METAL CHIP 100	5% 1/10W (SP, E12, MX, E32, TH)
R488	1-216-845-11	METAL CHIP 100K	5% 1/10W (SP, E12, MX, E32, TH)
△R489	1-260-320-11	CARBON 220	5% 1/2W F (SP, E12, MX, E32, TH)
R490	1-216-842-11	METAL CHIP 56K	5% 1/10W (SP, E12, MX, E32, TH)
R491	1-216-817-11	METAL CHIP 470	5% 1/10W (SP, E12, MX, E32, TH)
R492	1-216-835-11	METAL CHIP 15K	5% 1/10W (SP, E12, MX, E32, TH)
R493	1-216-845-11	METAL CHIP 100K	5% 1/10W (SP, E12, MX, E32, TH)
R494	1-216-864-11	SHORT CHIP 0	(AUS, E3, EA, KR, RU, TW)
R501	1-216-857-11	METAL CHIP 1M	5% 1/10W
R504	1-216-821-11	METAL CHIP 1K	5% 1/10W (SP, TH, TW)
R504	1-218-867-11	METAL CHIP 6.8K	0.5% 1/10W (E12)
R504	1-216-833-11	METAL CHIP 10K	5% 1/10W (E3, EA)
R504	1-216-835-11	METAL CHIP 15K	5% 1/10W (AUS)
R504	1-216-841-11	METAL CHIP 47K	5% 1/10W (MX, E32, KR, RU)
R505	1-216-823-11	METAL CHIP 1.5K	5% 1/10W (RU)
R505	1-216-833-11	METAL CHIP 10K	5% 1/10W (MX, E32)
R505	1-216-835-11	METAL CHIP 15K	5% 1/10W (KR)
R505	1-216-841-11	METAL CHIP 47K	5% 1/10W (AUS, E3, EA, E12)
R506	1-216-837-11	METAL CHIP 22K	5% 1/10W (DZ555K/DZ556KB)
R506	1-216-841-11	METAL CHIP 47K	5% 1/10W (DZ750K)
R507	1-216-839-11	METAL CHIP 33K	5% 1/10W (DZ750K)
R507	1-216-841-11	METAL CHIP 47K	5% 1/10W (DZ555K/DZ556KB)
R508	1-216-821-11	METAL CHIP 1K	5% 1/10W
R509	1-216-809-11	METAL CHIP 100	5% 1/10W
R510	1-216-833-11	METAL CHIP 10K	5% 1/10W
R511	1-216-821-11	METAL CHIP 1K	5% 1/10W
R512	1-216-833-11	METAL CHIP 10K	5% 1/10W
R513	1-216-821-11	METAL CHIP 1K	5% 1/10W
R514	1-216-833-11	METAL CHIP 10K	5% 1/10W
R515	1-216-821-11	METAL CHIP 1K	5% 1/10W
R516	1-216-821-11	METAL CHIP 1K	5% 1/10W
R517	1-216-809-11	METAL CHIP 100	5% 1/10W
R518	1-216-809-11	METAL CHIP 100	5% 1/10W
R519	1-216-833-11	METAL CHIP 10K	5% 1/10W
R526	1-216-821-11	METAL CHIP 1K	5% 1/10W
R527	1-216-833-11	METAL CHIP 10K	5% 1/10W

Ref. No.	Part No.	Description	Quantity	Percentage	Remark	Ref. No.	Part No.	Description	Quantity	Percentage	Remark
R528	1-216-833-11	METAL CHIP	10K	5%	1/10W	R608	1-216-809-11	METAL CHIP	100	5%	1/10W
R529	1-216-821-11	METAL CHIP	1K	5%	1/10W	R609	1-216-809-11	METAL CHIP	100	5%	1/10W
R530	1-216-809-11	METAL CHIP	100	5%	1/10W	R610	1-216-809-11	METAL CHIP	100	5%	1/10W
R531	1-216-833-11	METAL CHIP	10K	5%	1/10W	R611	1-216-809-11	METAL CHIP	100	5%	1/10W
R532	1-216-821-11	METAL CHIP	1K	5%	1/10W	R612	1-216-809-11	METAL CHIP	100	5%	1/10W
R533	1-216-809-11	METAL CHIP	100	5%	1/10W	R613	1-216-809-11	METAL CHIP	100	5%	1/10W
R534	1-216-833-11	METAL CHIP	10K	5%	1/10W	R614	1-216-809-11	METAL CHIP	100	5%	1/10W
R535	1-216-809-11	METAL CHIP	100	5%	1/10W	R615	1-216-809-11	METAL CHIP	100	5%	1/10W
R536	1-216-864-11	SHORT CHIP	0			R631	1-216-833-11	METAL CHIP	10K	5%	1/10W (EXCEPT KR, RU, TW/DZ750K: TH)
R539	1-216-833-11	METAL CHIP	10K	5%	1/10W	R632	1-216-841-11	METAL CHIP	47K	5%	1/10W (EXCEPT KR, RU, TW/DZ750K: TH)
R540	1-216-833-11	METAL CHIP	10K	5%	1/10W	R636	1-216-864-11	SHORT CHIP	0		
R542	1-216-833-11	METAL CHIP	10K	5%	1/10W	R637	1-216-809-11	METAL CHIP	100	5%	1/10W
R546	1-216-833-11	METAL CHIP	10K	5%	1/10W (EXCEPT KR, RU, TW)	R638	1-216-809-11	METAL CHIP	100	5%	1/10W
R547	1-216-864-11	SHORT CHIP	0		(EXCEPT KR, RU, TH, TW)	R639	1-216-809-11	METAL CHIP	100	5%	1/10W (SP, AUS, E3, EA, KR, RU, TH, TW)
R548	1-216-864-11	SHORT CHIP	0		(EXCEPT KR, RU, TH, TW)	R640	1-216-809-11	METAL CHIP	100	5%	1/10W
R550	1-216-821-11	METAL CHIP	1K	5%	1/10W	R641	1-216-809-11	METAL CHIP	100	5%	1/10W
R552	1-216-821-11	METAL CHIP	1K	5%	1/10W	R642	1-216-809-11	METAL CHIP	100	5%	1/10W
R553	1-216-833-11	METAL CHIP	10K	5%	1/10W (SP, AUS, E3, EA, KR, RU, TH, TW)	R651	1-216-809-11	METAL CHIP	100	5%	1/10W
R554	1-216-833-11	METAL CHIP	10K	5%	1/10W	R652	1-216-809-11	METAL CHIP	100	5%	1/10W
R555	1-216-833-11	METAL CHIP	10K	5%	1/10W	R653	1-216-809-11	METAL CHIP	100	5%	1/10W
R556	1-216-841-11	METAL CHIP	47K	5%	1/10W	R654	1-216-809-11	METAL CHIP	100	5%	1/10W
R557	1-216-841-11	METAL CHIP	47K	5%	1/10W	R655	1-216-809-11	METAL CHIP	100	5%	1/10W
R558	1-216-833-11	METAL CHIP	10K	5%	1/10W	R656	1-216-809-11	METAL CHIP	100	5%	1/10W
R559	1-216-833-11	METAL CHIP	10K	5%	1/10W	R657	1-216-809-11	METAL CHIP	100	5%	1/10W
R560	1-216-833-11	METAL CHIP	10K	5%	1/10W	R658	1-216-809-11	METAL CHIP	100	5%	1/10W
R561	1-216-845-11	METAL CHIP	100K	5%	1/10W	R659	1-216-809-11	METAL CHIP	100	5%	1/10W
R562	1-216-841-11	METAL CHIP	47K	5%	1/10W	R660	1-216-833-11	METAL CHIP	10K	5%	1/10W (KR, RU, TW/DZ750K: TH)
R563	1-216-833-11	METAL CHIP	10K	5%	1/10W	R661	1-216-833-11	METAL CHIP	10K	5%	1/10W (KR, RU, TW/DZ750K: TH)
R564	1-216-864-11	SHORT CHIP	0		(EXCEPT KR, RU, TH, TW)	R691	1-216-864-11	SHORT CHIP	0		
R565	1-216-864-11	SHORT CHIP	0		(EXCEPT KR, RU, TH, TW)	R692	1-216-864-11	SHORT CHIP	0		
R566	1-216-864-11	SHORT CHIP	0		(EXCEPT KR, RU, TH, TW)	R693	1-216-864-11	SHORT CHIP	0		
R567	1-216-864-11	SHORT CHIP	0		(EXCEPT KR, RU, TH, TW)	R694	1-216-864-11	SHORT CHIP	0		
R568	1-216-864-11	SHORT CHIP	0		(EXCEPT KR, RU, TH, TW)	R695	1-216-864-11	SHORT CHIP	0		
R569	1-216-864-11	SHORT CHIP	0		(EXCEPT KR, RU, TH, TW)	R696	1-216-864-11	SHORT CHIP	0		
R572	1-218-751-11	METAL CHIP	300K	0.5%	1/10W	R701	1-216-813-11	METAL CHIP	220	5%	1/10W
R573	1-216-845-11	METAL CHIP	100K	5%	1/10W	R702	1-216-864-11	SHORT CHIP	0		
R575	1-216-821-11	METAL CHIP	1K	5%	1/10W	R721	1-216-864-11	SHORT CHIP	0		
R576	1-216-821-11	METAL CHIP	1K	5%	1/10W	R770	1-216-809-11	METAL CHIP	100	5%	1/10W
R577	1-216-841-11	METAL CHIP	47K	5%	1/10W	R775	1-216-801-11	METAL CHIP	22	5%	1/10W
R578	1-216-809-11	METAL CHIP	100	5%	1/10W	R776	1-216-801-11	METAL CHIP	22	5%	1/10W
R579	1-216-821-11	METAL CHIP	1K	5%	1/10W	R777	1-216-801-11	METAL CHIP	22	5%	1/10W
R580	1-216-809-11	METAL CHIP	100	5%	1/10W	R778	1-216-864-11	SHORT CHIP	0		
R581	1-216-809-11	METAL CHIP	100	5%	1/10W	R780	1-216-805-11	METAL CHIP	47	5%	1/10W
R582	1-216-864-11	SHORT CHIP	0		(EXCEPT KR, RU, TH, TW)	R781	1-216-805-11	METAL CHIP	47	5%	1/10W
R583	1-216-841-11	METAL CHIP	47K	5%	1/10W	R782	1-216-801-11	METAL CHIP	22	5%	1/10W
R586	1-216-833-11	METAL CHIP	10K	5%	1/10W	R783	1-216-801-11	METAL CHIP	22	5%	1/10W
R587	1-216-833-11	METAL CHIP	10K	5%	1/10W	R784	1-216-801-11	METAL CHIP	22	5%	1/10W
R589	1-216-295-91	SHORT CHIP	0			R785	1-216-801-11	METAL CHIP	22	5%	1/10W
R590	1-216-295-91	SHORT CHIP	0			R786	1-216-295-91	SHORT CHIP	0		
R596	1-216-295-91	SHORT CHIP	0			R790	1-216-864-11	SHORT CHIP	0		
R597	1-216-295-91	SHORT CHIP	0			R1101	1-216-809-11	METAL CHIP	100	5%	1/10W
R598	1-216-296-11	SHORT CHIP	0			R1102	1-216-295-91	SHORT CHIP	0		
R599	1-216-295-91	SHORT CHIP	0			R1103	1-216-864-11	SHORT CHIP	0		
R601	1-216-864-11	SHORT CHIP	0			R1105	1-216-833-11	METAL CHIP	10K	5%	1/10W
R602	1-216-809-11	METAL CHIP	100	5%	1/10W	R1106	1-216-833-11	METAL CHIP	10K	5%	1/10W
R603	1-216-809-11	METAL CHIP	100	5%	1/10W	R1107	1-216-833-11	METAL CHIP	10K	5%	1/10W
R604	1-216-809-11	METAL CHIP	100	5%	1/10W	R1108	1-216-857-11	METAL CHIP	1M	5%	1/10W
R605	1-216-809-11	METAL CHIP	100	5%	1/10W						
R606	1-216-809-11	METAL CHIP	100	5%	1/10W						
R607	1-216-809-11	METAL CHIP	100	5%	1/10W						

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MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R1109	1-216-864-11	SHORT CHIP	0	R1223	1-218-895-11	METAL CHIP	100K 0.5% 1/10W
R1110	1-216-841-11	METAL CHIP	47K 5% 1/10W	R1224	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1111	1-216-809-11	METAL CHIP	100 5% 1/10W	R1225	1-218-895-11	METAL CHIP	100K 0.5% 1/10W
R1112	1-211-977-11	METAL CHIP	22 0.5% 1/10W	R1226	1-218-889-11	METAL CHIP	56K 0.5% 1/10W
R1113	1-211-977-11	METAL CHIP	22 0.5% 1/10W	R1227	1-216-864-11	SHORT CHIP	0
R1114	1-216-845-11	METAL CHIP	100K 5% 1/10W	R1228	1-216-864-11	SHORT CHIP	0
R1115	1-211-977-11	METAL CHIP	22 0.5% 1/10W	R1230	1-218-893-11	METAL CHIP	82K 0.5% 1/10W
R1116	1-216-821-11	METAL CHIP	1K 5% 1/10W	R1231	1-218-875-11	METAL CHIP	15K 0.5% 1/10W
R1117	1-216-841-11	METAL CHIP	47K 5% 1/10W	R1232	1-218-877-11	METAL CHIP	18K 0.5% 1/10W
R1118	1-216-801-11	METAL CHIP	22 5% 1/10W	R1233	1-218-883-11	METAL CHIP	33K 0.5% 1/10W
R1120	1-216-801-11	METAL CHIP	22 5% 1/10W	R1234	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1121	1-216-801-11	METAL CHIP	22 5% 1/10W	R1236	1-216-821-11	METAL CHIP	1K 5% 1/10W
R1123	1-216-864-11	SHORT CHIP	0	R1237	1-216-821-11	METAL CHIP	1K 5% 1/10W
R1124	1-216-841-11	METAL CHIP	47K 5% 1/10W	R1238	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R1125	1-216-805-11	METAL CHIP	47 5% 1/10W	R1239	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R1132	1-216-845-11	METAL CHIP	100K 5% 1/10W	R1243	1-216-809-11	METAL CHIP	100 5% 1/10W
R1133	1-216-864-11	SHORT CHIP	0	R1246	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R1135	1-216-833-11	METAL CHIP	10K 5% 1/10W	R1247	1-216-821-11	METAL CHIP	1K 5% 1/10W
R1136	1-216-835-11	METAL CHIP	15K 5% 1/10W	R1601	1-216-295-91	SHORT CHIP	0
R1137	1-216-864-11	SHORT CHIP	0	R1602	1-216-295-91	SHORT CHIP	0
R1138	1-216-809-11	METAL CHIP	100 5% 1/10W	R1603	1-216-295-91	SHORT CHIP	0
R1139	1-216-864-11	SHORT CHIP	0	R1604	1-216-295-91	SHORT CHIP	0
R1140	1-216-833-11	METAL CHIP	10K 5% 1/10W	R1605	1-216-296-11	SHORT CHIP	0
R1141	1-216-855-11	METAL CHIP	680K 5% 1/10W	R1606	1-216-295-91	SHORT CHIP	0
R1142	1-216-845-11	METAL CHIP	100K 5% 1/10W	R1701	1-216-809-11	METAL CHIP	100 5% 1/10W
R1145	1-216-864-11	SHORT CHIP	0	R1702	1-216-864-11	SHORT CHIP	0
R1147	1-216-864-11	SHORT CHIP	0	R1703	1-216-864-11	SHORT CHIP	0
R1148	1-216-864-11	SHORT CHIP	0	R1704	1-216-809-11	METAL CHIP	100 5% 1/10W
R1151	1-216-833-11	METAL CHIP	10K 5% 1/10W	R1705	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1152	1-216-864-11	SHORT CHIP	0	R1706	1-216-864-11	SHORT CHIP	0
R1153	1-216-864-11	SHORT CHIP	0	R1707	1-216-864-11	SHORT CHIP	0
R1154	1-216-864-11	SHORT CHIP	0	R1712	1-216-809-11	METAL CHIP	100 5% 1/10W
R1155	1-216-864-11	SHORT CHIP	0	R1713	1-218-841-11	METAL CHIP	560 0.5% 1/10W
R1156	1-216-809-11	METAL CHIP	100 5% 1/10W	R1714	1-216-864-11	SHORT CHIP	0
R1159	1-216-805-11	METAL CHIP	47 5% 1/10W	R1721	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1160	1-216-805-11	METAL CHIP	47 5% 1/10W	R1722	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1161	1-216-801-11	METAL CHIP	22 5% 1/10W	R1723	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1169	1-216-833-11	METAL CHIP	10K 5% 1/10W	R1726	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1171	1-216-809-11	METAL CHIP	100 5% 1/10W	R1727	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1175	1-216-864-11	SHORT CHIP	0	R1728	1-216-864-11	SHORT CHIP	0
R1183	1-216-805-11	METAL CHIP	47 5% 1/10W	R1730	1-218-840-11	METAL CHIP	510 0.5% 1/10W
R1184	1-216-805-11	METAL CHIP	47 5% 1/10W	R1731	1-216-864-11	SHORT CHIP	0
R1185	1-216-805-11	METAL CHIP	47 5% 1/10W	R1734	1-216-864-11	SHORT CHIP	0
R1191	1-216-821-11	METAL CHIP	1K 5% 1/10W	R1736	1-216-864-11	SHORT CHIP	0
R1193	1-216-821-11	METAL CHIP	1K 5% 1/10W	R1738	1-216-864-11	SHORT CHIP	0
R1204	1-216-822-11	METAL CHIP	1.2K 5% 1/10W	R1740	1-216-864-11	SHORT CHIP	0
R1205	1-216-833-11	METAL CHIP	10K 5% 1/10W	R1742	1-216-841-11	METAL CHIP	47K 5% 1/10W
R1206	1-216-833-11	METAL CHIP	10K 5% 1/10W	R1744	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R1207	1-216-826-11	METAL CHIP	2.7K 5% 1/10W	R1746	1-216-864-11	SHORT CHIP	0
R1208	1-216-839-11	METAL CHIP	33K 5% 1/10W	R1747	1-216-864-11	SHORT CHIP	0
R1209	1-216-839-11	METAL CHIP	33K 5% 1/10W	R1748	1-216-864-11	SHORT CHIP	0
R1210	1-216-841-11	METAL CHIP	47K 5% 1/10W	R1749	1-216-824-11	METAL CHIP	1.8K 5% 1/10W
R1212	1-216-833-11	METAL CHIP	10K 5% 1/10W	R1750	1-216-824-11	METAL CHIP	1.8K 5% 1/10W
R1213	1-218-867-11	METAL CHIP	6.8K 0.5% 1/10W	R1751	1-216-864-11	SHORT CHIP	0
R1214	1-216-835-11	METAL CHIP	15K 5% 1/10W	R1752	1-216-864-11	SHORT CHIP	0
R1215	1-216-834-11	METAL CHIP	12K 5% 1/10W	R1753	1-216-864-11	SHORT CHIP	0
R1216	1-216-834-11	METAL CHIP	12K 5% 1/10W	R1756	1-216-864-11	SHORT CHIP	0
R1219	1-216-838-11	METAL CHIP	27K 5% 1/10W	R1757	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1220	1-216-821-11	METAL CHIP	1K 5% 1/10W	R1758	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1221	1-218-889-11	METAL CHIP	56K 0.5% 1/10W	R1759	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1222	1-216-839-11	METAL CHIP	33K 5% 1/10W	R1783	1-216-864-11	SHORT CHIP	0

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R1784	1-216-864-11	SHORT CHIP	0			R3003	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R1785	1-216-864-11	SHORT CHIP	0			R3004	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R1786	1-216-864-11	SHORT CHIP	0			R3006	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1788	1-216-864-11	SHORT CHIP	0			R3011	1-216-817-11	METAL CHIP	470	5%	1/10W
R1791	1-216-864-11	SHORT CHIP	0			R3012	1-216-817-11	METAL CHIP	470	5%	1/10W
R1793	1-216-864-11	SHORT CHIP	0			R3013	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2101	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W	R3014	1-216-801-11	METAL CHIP	22	5%	1/10W
R2103	1-216-864-11	SHORT CHIP	0			R3015	1-216-809-11	METAL CHIP	100	5%	1/10W
R2104	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R3017	1-216-819-11	METAL CHIP	680	5%	1/10W
R2108	1-216-864-11	SHORT CHIP	0			R3021	1-216-817-11	METAL CHIP	470	5%	1/10W
R2110	1-216-826-11	METAL CHIP	2.7K	5%	1/10W	R3022	1-216-817-11	METAL CHIP	470	5%	1/10W
R2111	1-216-821-11	METAL CHIP	1K	5%	1/10W	R3023	1-216-801-11	METAL CHIP	22	5%	1/10W
R2112	1-216-821-11	METAL CHIP	1K	5%	1/10W	R3024	1-216-809-11	METAL CHIP	100	5%	1/10W
R2114	1-216-801-11	METAL CHIP	22	5%	1/10W	R3026	1-216-819-11	METAL CHIP	680	5%	1/10W
R2115	1-216-864-11	SHORT CHIP	0			R3031	1-216-817-11	METAL CHIP	470	5%	1/10W
R2119	1-216-864-11	SHORT CHIP	0			R3032	1-216-817-11	METAL CHIP	470	5%	1/10W
R2126	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R3033	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2127	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R3034	1-216-801-11	METAL CHIP	22	5%	1/10W
R2128	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3035	1-216-809-11	METAL CHIP	100	5%	1/10W
R2129	1-216-845-11	METAL CHIP	100K	5%	1/10W	R3037	1-216-819-11	METAL CHIP	680	5%	1/10W
R2133	1-216-864-11	SHORT CHIP	0			R3040	1-216-864-11	SHORT CHIP	0		
R2134	1-216-864-11	SHORT CHIP	0			R3041	1-216-864-11	SHORT CHIP	0		
R2135	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R3042	1-216-864-11	SHORT CHIP	0		
R2150	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R3043	1-216-864-11	SHORT CHIP	0		
R2151	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R3044	1-216-864-11	SHORT CHIP	0		
R2152	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R3045	1-216-864-11	SHORT CHIP	0		
R2161	1-216-809-11	METAL CHIP	100	5%	1/10W	R3046	1-216-864-11	SHORT CHIP	0		
R2167	1-216-864-11	SHORT CHIP	0			R3051	1-216-097-11	RES-CHIP	100K	5%	1/10W
R2168	1-216-813-11	METAL CHIP	220	5%	1/10W	R3052	1-216-857-11	METAL CHIP	1M	5%	1/10W
R2169	1-216-809-11	METAL CHIP	100	5%	1/10W	R3053	1-216-809-11	METAL CHIP	100	5%	1/10W
R2176	1-216-864-11	SHORT CHIP	0			R3054	1-216-801-11	METAL CHIP	22	5%	1/10W
R2177	1-216-809-11	METAL CHIP	100	5%	1/10W	R3055	1-216-809-11	METAL CHIP	100	5%	1/10W
R2178	1-216-821-11	METAL CHIP	1K	5%	1/10W	R3057	1-216-809-11	METAL CHIP	100	5%	1/10W
R2179	1-216-809-11	METAL CHIP	100	5%	1/10W	R3059	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2182	1-216-864-11	SHORT CHIP	0			R3060	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2183	1-216-809-11	METAL CHIP	100	5%	1/10W	R3061	1-216-864-11	SHORT CHIP	0		
R2184	1-216-809-11	METAL CHIP	100	5%	1/10W	R3063	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2185	1-216-809-11	METAL CHIP	100	5%	1/10W	R3064	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2186	1-216-864-11	SHORT CHIP	0			R3065	1-216-809-11	METAL CHIP	100	5%	1/10W
R2187	1-216-805-11	METAL CHIP	47	5%	1/10W	R3066	1-216-809-11	METAL CHIP	100	5%	1/10W
R2188	1-216-864-11	SHORT CHIP	0			R3067	1-216-809-11	METAL CHIP	100	5%	1/10W
R2191	1-216-809-11	METAL CHIP	100	5%	1/10W	R3068	1-216-809-11	METAL CHIP	100	5%	1/10W
R2505	1-216-864-11	SHORT CHIP	0			R3069	1-216-809-11	METAL CHIP	100	5%	1/10W
R2506	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3070	1-216-809-11	METAL CHIP	100	5%	1/10W
R2507	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3071	1-216-809-11	METAL CHIP	100	5%	1/10W
R2705	1-216-821-11	METAL CHIP	1K	5%	1/10W	R3072	1-216-809-11	METAL CHIP	100	5%	1/10W
R2706	1-216-821-11	METAL CHIP	1K	5%	1/10W	R3073	1-216-809-11	METAL CHIP	100	5%	1/10W
R2711	1-208-635-11	METAL CHIP	10	0.5%	1/16W	R3074	1-216-809-11	METAL CHIP	100	5%	1/10W
R2712	1-208-635-11	METAL CHIP	10	0.5%	1/16W	R3075	1-216-809-11	METAL CHIP	100	5%	1/10W
R2713	1-208-635-11	METAL CHIP	10	0.5%	1/16W	R3076	1-216-809-11	METAL CHIP	100	5%	1/10W
R2714	1-208-635-11	METAL CHIP	10	0.5%	1/16W	R3077	1-216-809-11	METAL CHIP	100	5%	1/10W
R2715	1-208-635-11	METAL CHIP	10	0.5%	1/16W	R3078	1-216-809-11	METAL CHIP	100	5%	1/10W
R2716	1-208-635-11	METAL CHIP	10	0.5%	1/16W	R3079	1-216-809-11	METAL CHIP	100	5%	1/10W
R2717	1-208-635-11	METAL CHIP	10	0.5%	1/16W	R3080	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2718	1-208-635-11	METAL CHIP	10	0.5%	1/16W	R3097	1-216-809-11	METAL CHIP	100	5%	1/10W
R2751	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3101	1-216-809-11	METAL CHIP	100	5%	1/10W
R3001	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3102	1-216-809-11	METAL CHIP	100	5%	1/10W
R3002	1-216-833-11	METAL CHIP	10K	5%	1/10W						

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MAIN

Ref. No.	Part No.	Description	Quantity	Unit	Remark	Ref. No.	Part No.	Description	Quantity	Unit	Remark
R3103	1-216-864-11	SHORT CHIP	0			R3425	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3104	1-216-864-11	SHORT CHIP	0			R3426	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3107	1-216-835-11	METAL CHIP	15K	5%	1/10W	R3427	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3115	1-216-864-11	SHORT CHIP	0			R3501	1-216-809-11	METAL CHIP	100	5%	1/10W
R3116	1-216-864-11	SHORT CHIP	0			R3502	1-216-809-11	METAL CHIP	100	5%	1/10W
R3125	1-216-845-11	METAL CHIP	100K	5%	1/10W	R3503	1-216-864-11	SHORT CHIP	0 (DZ750K)		
R3126	1-216-845-11	METAL CHIP	100K	5%	1/10W	R3504	1-216-864-11	SHORT CHIP	0 (DZ750K)		
R3127	1-216-845-11	METAL CHIP	100K	5%	1/10W	R3507	1-216-835-11	METAL CHIP	15K	5%	1/10W (DZ750K)
R3151	1-216-809-11	METAL CHIP	100	5%	1/10W	R3515	1-216-864-11	SHORT CHIP	0 (DZ750K)		
R3152	1-216-809-11	METAL CHIP	100	5%	1/10W	R3516	1-216-864-11	SHORT CHIP	0 (DZ750K)		
R3153	1-216-864-11	SHORT CHIP	0			R3551	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3154	1-216-864-11	SHORT CHIP	0			R3552	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3157	1-216-835-11	METAL CHIP	15K	5%	1/10W	R3553	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3165	1-216-864-11	SHORT CHIP	0			R3554	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3166	1-216-864-11	SHORT CHIP	0			R3555	1-216-864-11	SHORT CHIP	0		
R3175	1-216-845-11	METAL CHIP	100K	5%	1/10W	R3556	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3176	1-216-845-11	METAL CHIP	100K	5%	1/10W	R3557	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3177	1-216-845-11	METAL CHIP	100K	5%	1/10W	R3558	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3201	1-216-809-11	METAL CHIP	100	5%	1/10W	R3901	1-216-296-11	SHORT CHIP	0		
R3202	1-216-809-11	METAL CHIP	100	5%	1/10W	R3902	1-216-296-11	SHORT CHIP	0		
R3203	1-216-864-11	SHORT CHIP	0			R3905	1-216-296-11	SHORT CHIP	0		
R3204	1-216-864-11	SHORT CHIP	0			R3906	1-216-296-11	SHORT CHIP	0		
R3207	1-216-835-11	METAL CHIP	15K	5%	1/10W	R3907	1-216-864-11	SHORT CHIP	0		
R3215	1-216-864-11	SHORT CHIP	0			R3911	1-216-864-11	SHORT CHIP	0		
R3216	1-216-864-11	SHORT CHIP	0			R3912	1-216-864-11	SHORT CHIP	0		
R3225	1-216-845-11	METAL CHIP	100K	5%	1/10W	R3913	1-216-864-11	SHORT CHIP	0		
R3226	1-216-845-11	METAL CHIP	100K	5%	1/10W	R3914	1-216-864-11	SHORT CHIP	0		
R3227	1-216-845-11	METAL CHIP	100K	5%	1/10W	R3917	1-216-864-11	SHORT CHIP	0		
R3251	1-216-809-11	METAL CHIP	100	5%	1/10W	R3918	1-216-864-11	SHORT CHIP	0		
R3252	1-216-809-11	METAL CHIP	100	5%	1/10W	R3919	1-216-864-11	SHORT CHIP	0		
R3253	1-216-864-11	SHORT CHIP	0			R3920	1-216-864-11	SHORT CHIP	0 (DZ750K)		
R3254	1-216-864-11	SHORT CHIP	0			R3921	1-216-864-11	SHORT CHIP	0 (DZ750K)		
R3257	1-216-835-11	METAL CHIP	15K	5%	1/10W	R4002	1-216-864-11	SHORT CHIP	0		
R3265	1-216-864-11	SHORT CHIP	0			R4501	1-216-801-11	METAL CHIP	22	5%	1/10W
R3266	1-216-864-11	SHORT CHIP	0			R4502	1-216-801-11	METAL CHIP	22	5%	1/10W
R3275	1-216-845-11	METAL CHIP	100K	5%	1/10W	R4510	1-216-805-11	METAL CHIP	47	5%	1/10W
R3276	1-216-845-11	METAL CHIP	100K	5%	1/10W	R4511	1-216-801-11	METAL CHIP	22	5%	1/10W
R3277	1-216-845-11	METAL CHIP	100K	5%	1/10W	R4512	1-216-864-11	SHORT CHIP	0		
R3301	1-216-809-11	METAL CHIP	100	5%	1/10W	R4514	1-216-805-11	METAL CHIP	47	5%	1/10W
R3302	1-216-809-11	METAL CHIP	100	5%	1/10W	R4515	1-216-805-11	METAL CHIP	47	5%	1/10W
R3303	1-216-864-11	SHORT CHIP	0			R4516	1-216-805-11	METAL CHIP	47	5%	1/10W
R3304	1-216-864-11	SHORT CHIP	0			R4517	1-216-864-11	SHORT CHIP	0		
R3307	1-216-835-11	METAL CHIP	15K	5%	1/10W	R4519	1-216-864-11	SHORT CHIP	0		
R3315	1-216-864-11	SHORT CHIP	0			R4521	1-216-864-11	SHORT CHIP	0		
R3316	1-216-864-11	SHORT CHIP	0			R4701	1-216-864-11	SHORT CHIP	0		
R3325	1-216-845-11	METAL CHIP	100K	5%	1/10W	R4702	1-216-864-11	SHORT CHIP	0		
R3326	1-216-845-11	METAL CHIP	100K	5%	1/10W	R4703	1-216-864-11	SHORT CHIP	0		
R3327	1-216-845-11	METAL CHIP	100K	5%	1/10W	R4704	1-216-864-11	SHORT CHIP	0		
R3401	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ750K)	R4705	1-216-864-11	SHORT CHIP	0		
R3402	1-216-809-11	METAL CHIP	100	5%	1/10W (DZ750K)	R4706	1-216-864-11	SHORT CHIP	0		
R3403	1-216-864-11	SHORT CHIP	0			R4717	1-216-864-11	SHORT CHIP	0		
R3404	1-216-864-11	SHORT CHIP	0			R4718	1-216-864-11	SHORT CHIP	0		
R3407	1-216-835-11	METAL CHIP	15K	5%	1/10W	R4805	1-216-801-11	METAL CHIP	22	5%	1/10W
R3415	1-216-864-11	SHORT CHIP	0			R9918	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3416	1-216-864-11	SHORT CHIP	0			R9920	1-216-864-11	SHORT CHIP	0		
						R9922	1-216-833-11	METAL CHIP	10K	5%	1/10W

HCD-DZ555K/DZ556KB/DZ750K

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POWER

Ref. No.	Part No.	Description	Remark
C961	1-100-566-91	CERAMIC CHIP	0.1uF 10% 25V
△C963	1-117-697-51	CERAMIC	470PF 10% 250V (EXCEPT MX, TW)
△C963	1-117-700-51	CERAMIC	0.0022uF 99% 250V (MX, TW)
△C964	1-117-697-51	CERAMIC	470PF 10% 250V (EXCEPT MX, TW)
△C964	1-117-700-51	CERAMIC	0.0022uF 99% 250V (MX, TW)
C967	1-100-566-91	CERAMIC CHIP	0.1uF 10% 25V
C968	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C969	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C970	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C971	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C976	1-126-933-11	ELECT	100uF 20% 16V
C979	1-126-967-11	ELECT	47uF 20% 50V (EA, E32)
△C980	1-117-828-11	FILM	3300PF 3% 1.5KV (MX, TW)
C981	1-100-566-91	CERAMIC CHIP	0.1uF 10% 25V (EXCEPT MX, E32)
< CONNECTOR >			
△CN901	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P	
CN903	1-564-505-11	PLUG, CONNECTOR 2P	
* CN906	1-564-714-11	PIN, CONNECTOR (SMALL TYPE) 12P	
CN907	1-564-705-11	PIN, CONNECTOR (SMALL TYPE) 3P (EXCEPT MX, E32)	
< DIODE >			
△D901	8-719-082-57	DIODE	D5SBA60F01
△D905	8-719-063-74	DIODE	D1NL20U-TR2
△D906	6-501-193-01	DIODE	1SS355WTE-17
△D907	6-501-193-01	DIODE	1SS355WTE-17
△D908	6-501-193-01	DIODE	1SS355WTE-17
△D909	6-501-193-01	DIODE	1SS355WTE-17
△D910	6-501-193-01	DIODE	1SS355WTE-17
△D913	6-500-241-01	DIODE	SARS03
△D914	6-501-193-01	DIODE	1SS355WTE-17
△D915	6-501-174-01	DIODE	UDZW-TE17-10B
△D921	6-501-424-01	DIODE	STO2D-140
△D922	8-719-063-74	DIODE	D1NL20U-TR2
△D923	6-501-174-01	DIODE	UDZW-TE17-10B
△D924	6-501-183-01	DIODE	UDZW-TE17-24B
△D925	6-501-167-01	DIODE	UDZW-TE17-5.1B
△D926	6-501-174-01	DIODE	UDZW-TE17-10B
D931	6-501-849-01	DIODE	FMX-22SL
D932	6-501-167-01	DIODE	UDZW-TE17-5.1B
D941	6-500-288-11	DIODE	EK19LF-F7
D942	8-719-080-53	DIODE	RK36LF-B3
D943	8-719-080-53	DIODE	RK36LF-B3
D944	6-500-288-11	DIODE	EK19LF-F7
D945	6-501-181-01	DIODE	UDZW-TE17-20B
< TERMINAL GROUND >			
EB901	1-537-770-21	TERMINAL BOARD, GROUND (EXCEPT EA/DZ555K: TH)	
EB901	1-537-738-21	TERMINAL, GROUND (EA/DZ555K: TH)	
EB902	1-537-770-21	TERMINAL BOARD, GROUND (EXCEPT EA/DZ555K: TH)	
EB902	1-537-738-21	TERMINAL, GROUND (EA/DZ555K: TH)	

Ref. No.	Part No.	Description	Remark
EB903	1-537-770-21	TERMINAL BOARD, GROUND (EXCEPT EA/DZ555K: TH)	
EB903	1-537-738-21	TERMINAL, GROUND (EA/DZ555K: TH)	
EB904	1-537-770-21	TERMINAL BOARD, GROUND (EXCEPT EA/DZ555K: TH)	
EB904	1-537-738-21	TERMINAL, GROUND (EA/DZ555K: TH)	
EB906	1-537-770-21	TERMINAL BOARD, GROUND (EXCEPT EA/DZ555K: TH)	
EB906	1-537-738-21	TERMINAL, GROUND (EA/DZ555K: TH)	
< FUSE HOLDER >			
FH901	1-533-217-41	HOLDER, FUSE	
FH902	1-533-217-41	HOLDER, FUSE	
< FUSIBLE RESISTOR >			
△FR901	1-242-949-11	FUSIBLE	0.1 10% 1W (SP, AUS, E3, E12, KR, RU, TH)
< IC >			
△IC901	6-707-741-01	IC STR-F6138-LF1352 (MX, TW)	
△IC901	6-707-742-01	IC STR-F6168-LF1352 (EXCEPT MX, TW)	
△IC921	6-707-740-01	IC STR-V153	
IC931	8-759-648-34	IC TA76431AS (TPE6)	
IC941	6-705-308-01	IC SI-3010KM-TL	
IC942	6-705-308-01	IC SI-3010KM-TL	
IC943	6-705-308-01	IC SI-3010KM-TL	
IC951	6-707-743-01	IC TA76L431S (TPE6, Q)	
< COIL >			
L931	1-457-438-11	INDUCTOR	5.6uH
L941	1-414-398-11	INDUCTOR	10uH
L942	1-414-398-11	INDUCTOR	10uH
L943	1-414-398-11	INDUCTOR	10uH
L944	1-414-398-11	INDUCTOR	10uH
L945	1-414-398-11	INDUCTOR	10uH
L947	1-414-398-11	INDUCTOR	10uH
L948	1-414-398-11	INDUCTOR	10uH
L951	1-414-398-11	INDUCTOR	10uH
L952	1-414-398-11	INDUCTOR	10uH
< LINE FILTER >			
△LF901	1-457-054-21	COIL, LINE FILTER	
△LF902	1-457-054-21	COIL, LINE FILTER	
< PHOTO COUPLER >			
△PC901	6-600-438-01	IC TLP421F (D4-GR)	
△PC902	6-600-438-01	IC TLP421F (D4-GR)	
△PC903	6-600-438-01	IC TLP421F (D4-GR)	
< TRANSISTOR >			
△Q901	8-729-141-88	TRANSISTOR	2SB1116A-TP-LK
△Q921	8-729-142-51	TRANSISTOR	2SD1616A-TP-LK
Q943	8-729-038-28	TRANSISTOR	RT1N441C-TP-1
Q945	6-550-718-01	TRANSISTOR	RSR025N03TL
Q947	8-729-038-28	TRANSISTOR	RT1N441C-TP-1
< RESISTOR >			
△R901	1-219-759-11	METAL	1M 5% 1/2W
△R903	1-215-926-00	METAL OXIDE	33K 5% 3W (MX, TW)

POWER

P-SW

SPEAKER

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
△ R903	1-215-929-11	METAL OXIDE	100K 5% 3W (EXCEPT MX, TW)	R966	1-216-821-11	METAL CHIP	1K 5% 1/10W
△ R904	1-215-926-00	METAL OXIDE	33K 5% 3W (MX, TW)	R967	1-216-821-11	METAL CHIP	1K 5% 1/10W
△ R904	1-215-929-11	METAL OXIDE	100K 5% 3W (EXCEPT MX, TW)	R968	1-216-821-11	METAL CHIP	1K 5% 1/10W
△ R905	1-216-797-11	METAL CHIP	10 5% 1/10W	△ R969	1-216-821-11	METAL CHIP	1K 5% 1/10W
△ R906	1-216-827-11	METAL CHIP	3.3K 5% 1/10W	R971	1-216-864-11	SHORT CHIP	0
△ R907	1-216-833-11	METAL CHIP	10K 5% 1/10W	R972	1-216-833-11	METAL CHIP	10K 5% 1/10W
△ R908	1-260-105-11	CARBON	3.3K 5% 1/2W	R974	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
△ R909	1-216-845-11	METAL CHIP	100K 5% 1/10W	R979	1-216-864-11	SHORT CHIP	0 (EXCEPT MX, E32)
△ R910	1-216-825-11	METAL CHIP	2.2K 5% 1/10W	< TRANSFORMER >			
△ R911	1-216-813-11	METAL CHIP	220 5% 1/10W	△ T901	1-443-649-11	TRANSFORMER, CONVERTER	(MX, TW)
△ R912	1-216-361-61	METAL OXIDE	0.22 5% 2W (MX, TW)	△ T901	1-443-874-11	TRANSFORMER, CONVERTER	(EXCEPT MX, TW)
△ R912	1-216-363-00	METAL OXIDE	0.33 5% 2W (EXCEPT MX, TW)	△ T902	1-443-650-11	TRANSFORMER, CONVERTER	
△ R913	1-216-361-61	METAL OXIDE	0.22 5% 2W (MX, TW)	< THERMISTOR >			
△ R914	1-220-891-11	METAL	0.1 10% 5W (EXCEPT MX, TW)	△ TH901	1-805-841-21	THERMISTOR, NTC 3.0	(EA, MX, E32, TW)
△ R914	1-243-669-11	METAL	0.05 5% 5W (MX, TW)	△ TH901	1-805-842-21	THERMISTOR, NTC 6.0	(SP, AUS, E3, E12, KR, TH)
△ R919	1-216-836-11	METAL CHIP	18K 5% 1/10W	< VARISTOR >			
△ R922	1-216-793-11	METAL CHIP	4.7 5% 1/10W	△ VDR901	1-805-482-11	VARISTOR	
△ R923	1-216-829-11	METAL CHIP	4.7K 5% 1/10W	*****			
△ R925	1-216-797-11	METAL CHIP	10 5% 1/10W	P-SW BOARD			
△ R926	1-216-855-11	METAL CHIP	680K 5% 1/10W	*****			
△ R927	1-216-348-00	METAL OXIDE	0.82 5% 1W (EA, MX, E32, TW)	< CAPACITOR >			
△ R927	1-216-349-00	METAL OXIDE	1 5% 1W (SP, AUS, E3, E12, KR, TH)	C851	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
△ R929	1-246-106-11	METAL OXIDE	2.2 5% 1/2W	< SWITCH >			
R931	1-218-853-11	METAL CHIP	1.8K 0.5% 1/10W (EA, E32)	S801	1-762-875-21	SWITCH, KEYBOARD (I/⏻)	
R931	1-218-859-11	METAL CHIP	3.3K 0.5% 1/10W (EXCEPT EA, E32)	*****			
R932	1-218-883-11	METAL CHIP	33K 0.5% 1/10W	SPEAKER BOARD			
R933	1-216-829-11	METAL CHIP	4.7K 5% 1/10W	*****			
R934	1-216-821-11	METAL CHIP	1K 5% 1/10W	< CAPACITOR >			
R935	1-216-821-11	METAL CHIP	1K 5% 1/10W	C301	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V (EXCEPT TH)
R936	1-216-853-11	METAL CHIP	470K 5% 1/10W	C302	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V (EXCEPT TH)
R937	1-216-833-11	METAL CHIP	10K 5% 1/10W	C303	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V (EXCEPT TH)
R938	1-216-821-11	METAL CHIP	1K 5% 1/10W	C304	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V (EXCEPT TH)
R939	1-218-859-11	METAL CHIP	3.3K 0.5% 1/10W	C305	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V (EXCEPT TH)
R940	1-216-833-11	METAL CHIP	10K 5% 1/10W	C306	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V (EXCEPT TH)
R941	1-216-845-11	METAL CHIP	100K 5% 1/10W	C307	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V (EXCEPT TH)
R942	1-216-833-11	METAL CHIP	10K 5% 1/10W	C308	1-163-021-91	CERAMIC CHIP	0.01uF 10% 50V (EXCEPT TH)
R943	1-216-839-11	METAL CHIP	33K 5% 1/10W	C309	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
R945	1-216-833-11	METAL CHIP	10K 5% 1/10W	C310	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
R946	1-216-837-11	METAL CHIP	22K 5% 1/10W	C311	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
R948	1-216-833-11	METAL CHIP	10K 5% 1/10W	C312	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
R949	1-216-821-11	METAL CHIP	1K 5% 1/10W	C313	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
R951	1-218-831-11	METAL CHIP	220 0.5% 1/10W	C314	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
R952	1-218-855-11	METAL CHIP	2.2K 0.5% 1/10W	C315	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
R953	1-218-861-11	METAL CHIP	3.9K 0.5% 1/10W	C316	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V
R954	1-216-837-11	METAL CHIP	22K 5% 1/10W				
R955	1-216-817-11	METAL CHIP	470 5% 1/10W				
R956	1-216-821-11	METAL CHIP	1K 5% 1/10W				
R957	1-216-841-11	METAL CHIP	47K 5% 1/10W				
R958	1-216-821-11	METAL CHIP	1K 5% 1/10W				
R960	1-216-823-11	METAL CHIP	1.5K 5% 1/10W				
R962	1-218-867-11	METAL CHIP	6.8K 0.5% 1/10W				
R965	1-218-865-11	METAL CHIP	5.6K 0.5% 1/10W				

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SPEAKER

Ref. No.	Part No.	Description	Remark
		< CONNECTOR >	
* CN303	1-564-523-11	PLUG, CONNECTOR 8P	
		< TERMINAL GROUND >	
ET301	1-537-738-21	TERMINAL, GROUND (EA)	
ET302	1-537-738-21	TERMINAL, GROUND (EA)	
		< TERMINAL >	
TB301	1-780-454-11	TERMINAL BOARD (SPEAKER) 4P (SPEAKER/FRONT R,FRONT L,SUR R,SUR L)	

MISCELLANEOUS *****			
5	1-828-307-11	WIRE (FLAT TYPE) (9 CORE) (EA, RU/DZ555K: TH)	
5	1-828-951-51	WIRE (FLAT TYPE) (9 CORE) (SP, AUS, E3, E12, KR, TW/DZ750K: TH)	
7	1-828-951-51	WIRE (FLAT TYPE) (9 CORE) (EXCEPT EA, RU/DZ555K: TH)	
7	1-828-952-11	WIRE (FLAT TYPE) (9 CORE) (EA, RU/DZ555K: TH)	
8	1-693-725-11	TUNER (FM/AM)(KR, RU)	
8	1-693-726-11	TUNER (FM/AM)(EXCEPT KR, RU/DZ750K: TH)	
8	1-693-727-11	TUNER (FM/AM)(DZ750K: TH)	
11	1-828-319-11	WIRE (FLAT TYPE) (11 CORE) (EA, RU/DZ555K: TH)	
11	1-828-319-51	WIRE (FLAT TYPE) (11 CORE) (EXCEPT EA, RU/DZ555K: TH)	
59	1-828-325-11	WIRE (FLAT TYPE) (13 CORE) (EA, RU/DZ555K: TH)	
59	1-828-325-51	WIRE (FLAT TYPE) (13 CORE) (EXCEPT EA, RU/DZ555K: TH)	
61	1-828-374-51	WIRE (FLAT TYPE) (21 CORE)	
102	1-828-292-11	WIRE (FLAT TYPE) (5 CORE) (EA, RU/DZ555K: TH)	
102	1-828-292-51	WIRE (FLAT TYPE) (5 CORE) (EXCEPT EA, RU/DZ555K: TH)	
103	1-828-349-51	WIRE (FLAT TYPE) (17 CORE) (MX, E32)	
103	1-828-374-51	WIRE (FLAT TYPE) (21 CORE) (EXCEPT MX, E32)	
104	1-828-316-11	WIRE (FLAT TYPE) (11 CORE) (EA, RU/DZ555K: TH)	
104	1-828-316-51	WIRE (FLAT TYPE) (11 CORE) (EXCEPT EA, RU/DZ555K: TH)	
109	1-787-331-11	FAN, D.C.	
△ 110	1-696-848-81	CORD, POWER (AUS)	
△ 110	1-769-079-61	CORD, POWER (KR)	
△ 110	1-777-071-23	CORD, POWER (SP, E3, EA)	
△ 110	1-827-226-41	CORD, POWER (MX)	
△ 110	1-827-597-41	CORD, POWER (TW)	
△ 110	1-830-188-11	CORD, POWER (E12, E32, RU)	
△ 110	1-834-288-11	CORD, POWER (TH)	
△ 507	8-820-321-05	OPTICAL PICK UP ASSY (KHM-313CAA/C2RP)	
508	1-828-773-51	WIRE (FLAT TYPE) (24 CORE)	
△ F901	1-533-311-12	FUSE, GLASS CYLINDRICAL (DIA.5) (8A/125V) (MX, TW)	
△ F901	1-533-949-33	FUSE, CYLINDRICAL (TIME LAG) (T8AL/250V) (EA, E32)	

Ref. No.	Part No.	Description	Remark
△ F901	1-576-233-51	FUSE (H.B.C.) (T6.3AH/250V) (SP, AUS, E3, E12, KR, RU, TH)	

HCD-DZ555K/DZ556KB/ DZ750K

SONY®

SERVICE MANUAL

Ver. 1.3 2007.07

Russian Model

HCD-DZ556KB

E Model

HCD-DZ555K/DZ556KB/DZ750K

Australian Model

HCD-DZ555K/DZ750K

SUPPLEMENT-1

Subject: DMPORT board changed to suffix-12 from suffix-11

Part number of DMPORT board changed to suffix-12 from suffix-11.

It has any difference between suffix-11 and suffix-12.

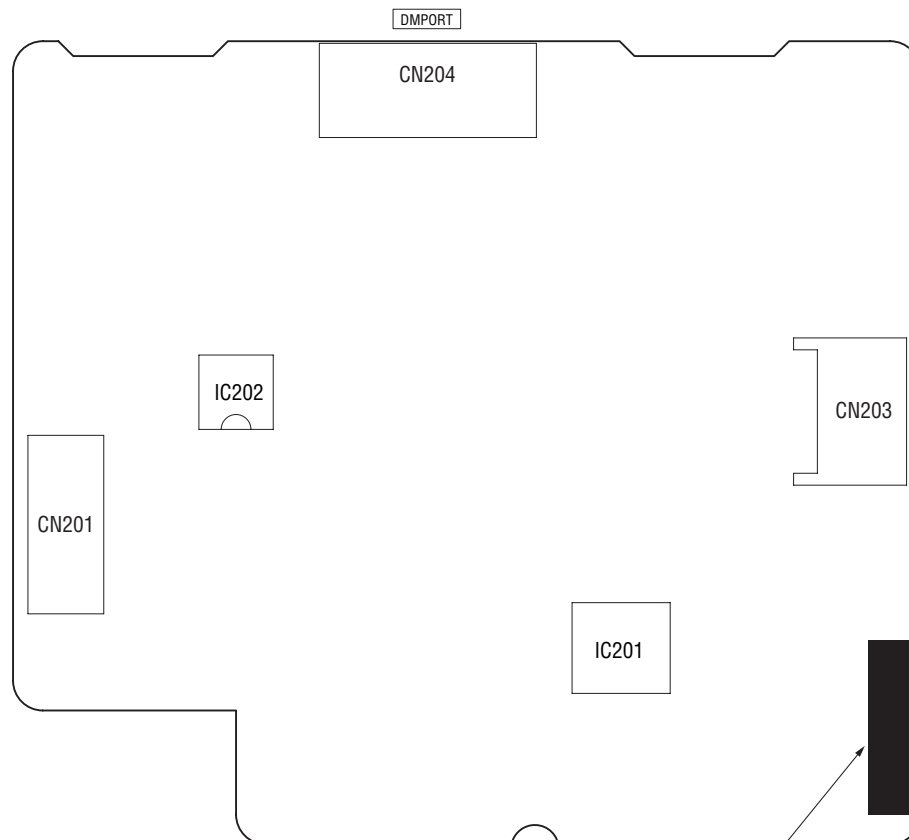
This supplement-1 describes the difference in the two boards.

Refer to original service manual (9-887-602-0□) for other information.

- **How to distinguish**

Location of part number on changed DMPORT board

【 DMPORT BOARD 】 (SP,AUS,E3,E12,KR,RU,TW/DZ750K: TH) (SIDE A)



Before change: 1-872-120-11

After change: 1-872-120-12

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

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 $\frac{1}{4} \text{ W}$ or less unless otherwise specified.
- Δ : internal component.
- : panel designation.
- : B+ Line.
- Voltages are dc with respect to ground under no-signal (detuned) conditions.
- Voltages are dc with respect to ground in service mode.
Voltage variations may be noted due to normal production tolerances.
- no mark : DVD STOP
- Voltages are taken with VOM (Input impedance 10 M Ω).
- Signal path.
- : VIDEO
- : AUDIO IN
- Abbreviation
- AUS : Australian model
- E3 : 220 – 240V AC area in E model
- E12 : 220 – 240V AC area in E model
- E32 : 110 – 240V AC area in E model
- EA : Saudi Arabia model
- KR : Korean model
- MX : Mexican model
- RU : Russian model
- SP : Singapore model
- TH : Thai model
- TW : Taiwan model

For Printed Wiring Boards.

Note:

- : parts extracted from the component side.
- \bigcirc : Through hole.
- : Pattern from the side which enables seeing.
(The other layers' patterns are not indicated.)

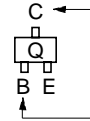
Caution:

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

- Indication of transistor.



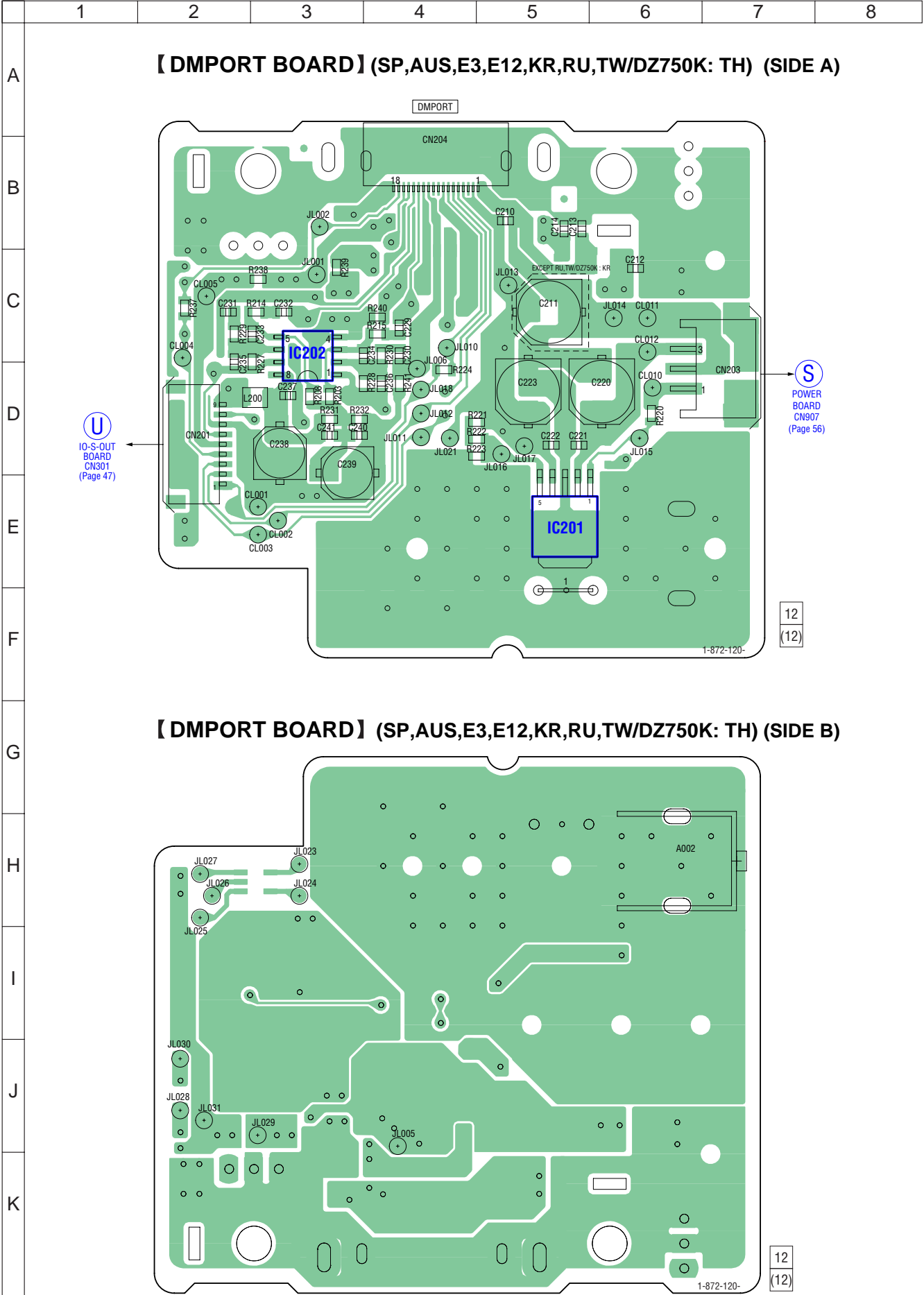
These are omitted



These are omitted.

PRINTED WIRING BOARD – DMPort BOARD (SP, AUS, E3, E12, KR, RU, TW/DZ750K: TH) –

 :Uses unleaded solder.



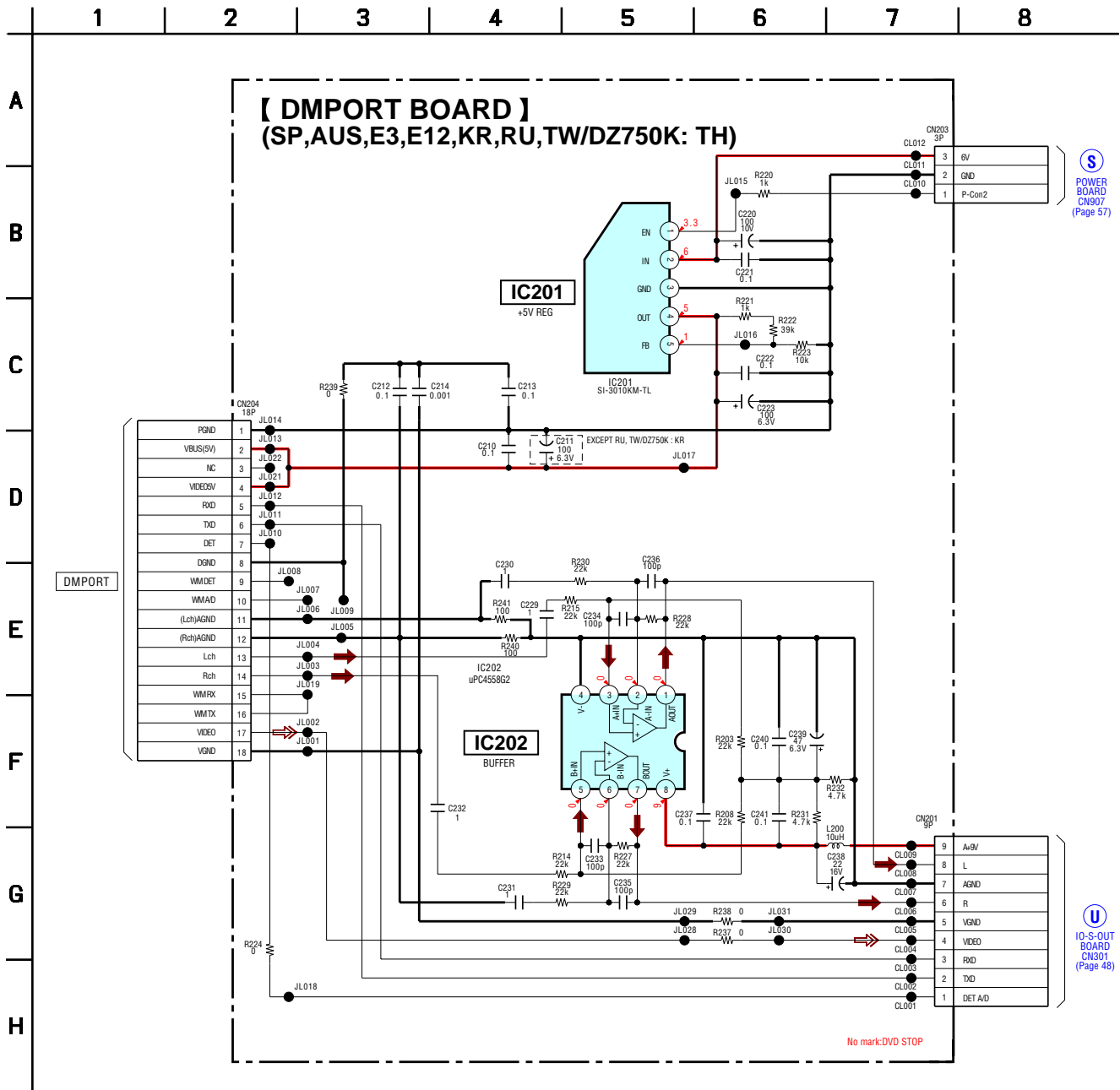
U
IO-S-OUT BOARD
CN301
(Page 47)

S
POWER BOARD
CN907
(Page 56)

12
(12)

12
(12)

SCHEMATIC DIAGRAM – DMPORT BOARD (SP, AUS, E3, E12, KR, RU, TW/DZ750K: TH) –



HCD-DZ555K/DZ556KB/DZ750K ELECTRICAL PARTS LIST

Ver. 1.3

DMPORT

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS
uF: μF
- COILS
uH: μH

- RESISTORS
All resistors are in ohms.
METAL: Metal-film resistor.
METAL OXIDE: Metal oxide-film resistor.
F: nonflammable
- SEMICONDUCTORS
In each case, u: μ, for example:
uA. . : μA. ., uPA. . : μPA. .,
uPB. . : μPB. ., uPC. . : μPC. .,
uPD. . : μPD. .
- Abbreviation
AUS : Australian model
E3 : 220 – 240V AC area in E model
E12 : 220 – 240V AC area in E model
E32 : 110 – 240V AC area in E model

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

- EA : Saudi Arabia model
- KR : Korean model
- MX : Mexican model
- RU : Russian model
- SP : Singapore model
- TH : Thai model
- TW : Taiwan model

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
	A-1218-025-A	DMPORT BOARD, COMPLETE (SP, AUS, E3, E12, KR, RU, TW/DZ750: TH) *****				< RESISTOR >	
		< CAPACITOR >		R203	1-218-879-11	METAL CHIP 22K	0.5% 1/10W
				R208	1-218-879-11	METAL CHIP 22K	0.5% 1/10W
				R214	1-218-879-11	METAL CHIP 22K	0.5% 1/10W
				R215	1-218-879-11	METAL CHIP 22K	0.5% 1/10W
				R220	1-216-821-11	METAL CHIP 1K	5% 1/10W
C210	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		R221	1-216-821-11	METAL CHIP 1K	5% 1/10W
C211	1-126-206-11	ELECT CHIP 100uF 20% 6.3V (EXCEPT RU, TW/DZ750K: KR)		R222	1-216-840-11	METAL CHIP 39K	5% 1/10W
C212	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		R223	1-216-833-11	METAL CHIP 10K	5% 1/10W
C213	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		R224	1-216-864-11	SHORT CHIP 0	
C214	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V		R227	1-218-879-11	METAL CHIP 22K	0.5% 1/10W
C220	1-128-995-21	ELECT CHIP 100uF 20% 10V		R228	1-218-879-11	METAL CHIP 22K	0.5% 1/10W
C221	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		R229	1-218-879-11	METAL CHIP 22K	0.5% 1/10W
C222	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		R230	1-218-879-11	METAL CHIP 22K	0.5% 1/10W
C223	1-126-206-11	ELECT CHIP 100uF 20% 6.3V		R231	1-216-829-11	METAL CHIP 4.7K	5% 1/10W
C229	1-165-908-11	CERAMIC CHIP 1uF 10% 10V		R232	1-216-829-11	METAL CHIP 4.7K	5% 1/10W
C230	1-165-908-11	CERAMIC CHIP 1uF 10% 10V		R237	1-216-864-11	SHORT CHIP 0	
C231	1-165-908-11	CERAMIC CHIP 1uF 10% 10V		R238	1-216-864-11	SHORT CHIP 0	
C232	1-165-908-11	CERAMIC CHIP 1uF 10% 10V		R239	1-216-864-11	SHORT CHIP 0	
C233	1-162-927-11	CERAMIC CHIP 100PF 5% 50V		R240	1-216-809-11	METAL CHIP 100	5% 1/10W
C234	1-162-927-11	CERAMIC CHIP 100PF 5% 50V		R241	1-216-809-11	METAL CHIP 100	5% 1/10W
C235	1-162-927-11	CERAMIC CHIP 100PF 5% 50V					
C236	1-162-927-11	CERAMIC CHIP 100PF 5% 50V					
C237	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V					
C238	1-126-395-11	ELECT CHIP 22uF 20% 16V					
C239	1-126-205-11	ELECT CHIP 47uF 20% 6.3V					
C240	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V					
C241	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V					
		< CONNECTOR >					
CN201	1-784-861-51	CONNECTOR, FFC (LIF (NON-ZIF)) 9P					
CN203	1-774-730-21	PIN, CONNECTOR (PC BOARD) 3P					
CN204	1-817-615-21	CONNECTOR BOARD TO BOARD 18P(DMPORT)					
		< IC >					
IC201	6-705-308-01	IC SI-3010KM-TL					
IC202	8-759-100-96	IC uPC4558G2					
		< COIL >					
L200	1-469-525-91	INDUCTOR 10uH					

SS-CT72/TS73/TS74/ WS72/WS74/WS75

SERVICE MANUAL

Ver. 1.5 2007.10

- SS-CT72 is the speaker section in DAV-DZ531W/DZ7T/DZ830W/DZ850KW/DZ850M/HDX500/HDX501W/HDX900W.
- SS-TS73 is the speaker section in DAV-DZ530/DZ531W/DZ555K/DZ555M/DZ556KB/DZ630/DZ750K/HDX465/HDX466/HDX501W/HDX665.
- SS-TS74 is the speaker section in DAV-DZ750K/DZ830W/DZ850KW/DZ850M/HDX500/HDX900W.
- SS-WS72 is the speaker section in DAV-DZ150K/DZ151KB/DZ250M/DZ555K/DZ555M/DZ556KB/HDX266.
- SS-WS74 is the speaker section in DAV-HDX265/HDX267W/HDX465/HDX466/HDX500/HDX501W/HDX665.
- SS-WS75 is the speaker section in DAV-DZ20.



US Model
SS-CT72/TS73/TS74/WS72/WS74

Canadian Model

SS-CT72/TS73/TS74/WS74

AEP Model

SS-CT72/TS73/TS74/WS72/WS75

UK Model

SS-CT72/TS73/TS74/WS75

E Model

SS-CT72/TS73/TS74/WS72/WS74/WS75

Australian Model

SS-CT72/TS73/TS74/WS72/WS74

SPECIFICATIONS

SS-CT72

Speaker system	Closed, magnetically shielded
Speaker unit	30 × 60 mm (1 3/16 × 2 3/8 inches), cone type
Rated impedance	3.0 ohms
Dimensions (approx.)	381 × 48 × 62 mm (15 × 1 15/16 × 2 1/2 inches) (w/h/d)
Mass (approx.)	0.5 kg (1 lb 2 oz)

SS-TS73

Speaker system	Bass reflex, magnetically shielded
Speaker unit	65 mm (2 5/8 inches) dia, cone type
Rated impedance	3.0 ohms
Dimensions (approx.)	93 × 539 × 75 mm (3 3/4 × 21 1/4 × 3 inches) (w/h/d) 300 × 1,039 - 1,230 × 300 mm (11 7/8 × 41 - 48 1/2 × 11 7/8 inches) (w/h/d) with stand
Mass (approx.)	1.2 kg (2 lb 11 oz) 3.0 kg (6 lb 10 oz) with stand

SS-TS74

Speaker system	Two way, Bass reflex, magnetically shielded
Speaker unit	Woofer: 65 mm (2 5/8 inches) dia, cone type × 2 Tweeter: 50 mm (2 inches) dia, cone type
Rated impedance	3.0 ohms
Dimensions (approx.)	111 × 827 × 75 mm (4 3/8 × 32 5/8 × 3 inches) (w/h/d) 316 × 1,041 - 1,339 × 316 mm (12 1/2 × 41 - 52 3/4 × 12 1/2 inches) (w/h/d) with stand
Mass (approx.)	2.3 kg (5 lb 2 oz) 4.6 kg (10 lb 3 oz) with stand

SS-WS72

Speaker system	Bass reflex
Speaker unit	160 mm dia, cone type
Rated impedance	3.0 ohms
Dimensions (approx.)	220 × 394 × 350 mm (w/h/d)
Mass (approx.)	6.5 kg

SS-WS74

Speaker system	Bass reflex
Speaker unit	160 mm (6 3/8 inches) dia, cone type
Rated impedance	1.5 ohms
Dimensions (approx.)	220 × 394 × 350 mm (8 3/4 × 15 5/8 × 13 7/8 inches) (w/h/d)
Mass (approx.)	6.5 kg (14 lb 6 oz)

SS-WS75

Speaker system	Bass reflex, magnetically shielded
Speaker unit	150 mm dia, cone type
Rated impedance	3.0 ohms
Dimensions (approx.)	169 × 300 × 335 mm (w/h/d)
Mass (approx.)	3.8 kg

Design and specifications are subject to change without notice.

SPEAKER SYSTEM

EXPLODED VIEWS

NOTE:

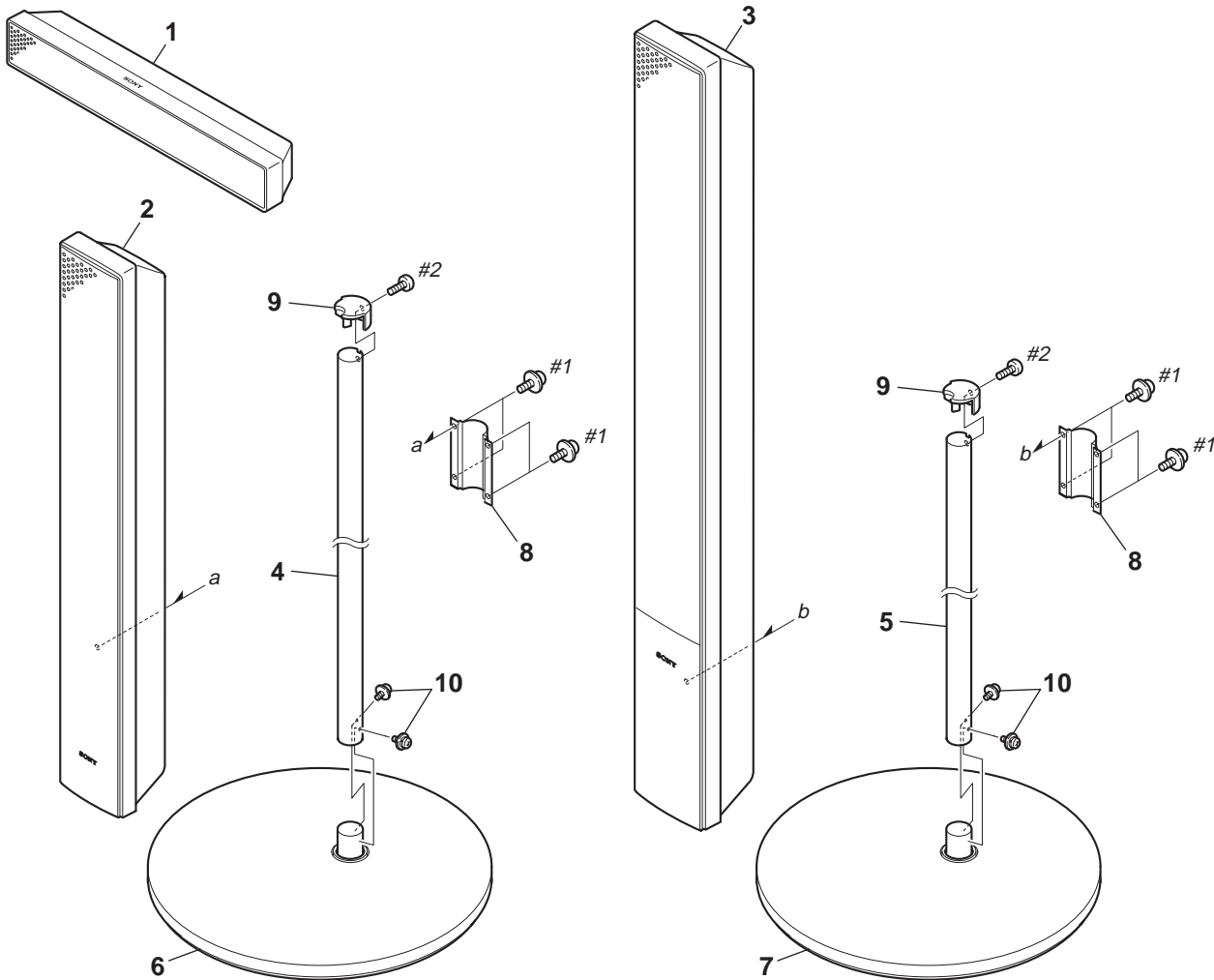
- The mechanical parts with no reference number in the exploded views are not supplied.
- XX and -X mean standardized parts, so they may have some difference from the original one.

Abbreviation

- AR : Argentine model
- AUS : Australian model
- E3 : 220 – 240V AC area in E model
- E12 : 220 – 240V AC area in E model
- E32 : 110 – 240V AC area in E model

- EA : Saudi Arabia model
- KR : Korean model
- MX : Mexican model
- SP : Singapore model
- TH : Thai model
- TW : Taiwan model

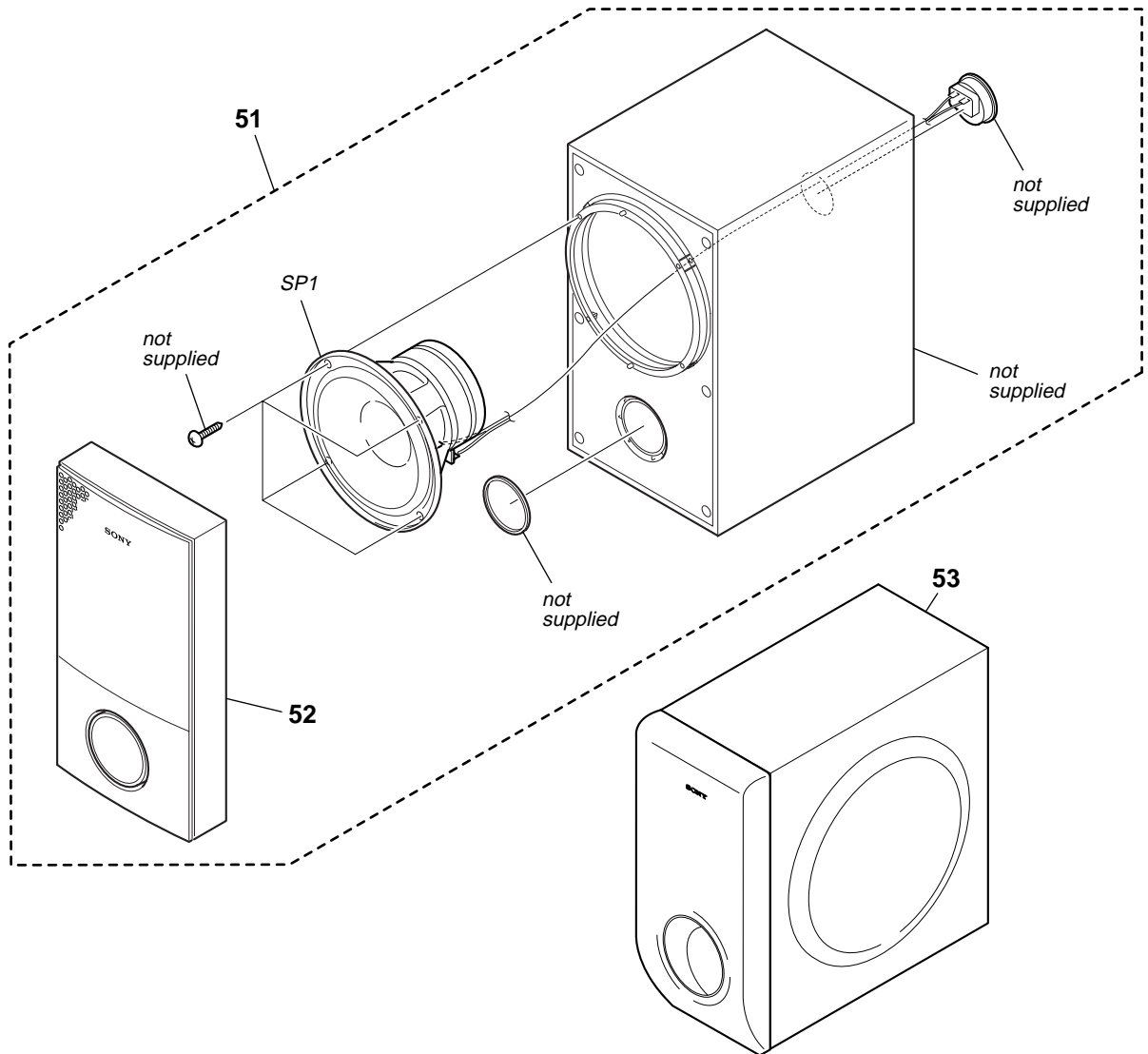
SS-CT72/TS73/TS74



Ref. No.	Part No.	Description	Remark
1	A-1221-436-A	SS-CT72 (AEP, UK, RU, E3, SP, TH)	
1	A-1221-437-A	SS-CT72 (US, CND, AUS, KR, TW)	
1	A-1221-438-A	SS-CT72 (E32, MX)	
2	A-1221-386-A	SS-TS73 FL (for FRONT L ch) (AEP, UK, RU, E3, SP, E12)	
2	A-1221-387-A	SS-TS73 FR (for FRONT R ch) (AEP, UK, RU, E3, SP, E12)	
2	A-1221-388-A	SS-TS73 SL (for SURROUND L ch) (AEP, UK, E3, SP, TH)	
2	A-1221-389-A	SS-TS73 SR (for SURROUND R ch) (AEP, UK, E3, SP, TH)	
2	A-1221-390-A	SS-TS73 FL (for FRONT L ch) (US, CND, KR, TW, AUS)	
2	A-1221-391-A	SS-TS73 FR (for FRONT R ch) (US, CND, KR, TW, AUS)	
2	A-1221-392-A	SS-TS73 SL (for SURROUND L ch) (CND, KR, AUS)	
2	A-1221-393-A	SS-TS73 SR (for SURROUND R ch) (CND, KR, AUS)	
2	A-1221-394-A	SS-TS73 FL (for FRONT L ch) (E32, MX)	
2	A-1221-395-A	SS-TS73 FR (for FRONT R ch) (E32, MX)	
2	A-1251-941-A	SS-TS73 (for FRONT) (DZ556KB: EA)	

Ref. No.	Part No.	Description	Remark
3	A-1221-411-A	SS-TS74 FL (for FRONT L ch) (AEP, UK, RU, E3, SP, TH)	
3	A-1221-412-A	SS-TS74 FR (for FRONT R ch) (AEP, UK, RU, E3, SP, TH)	
3	A-1221-415-A	SS-TS74 FL (for FRONT L ch) (US, CND, KR, TW, AUS)	
3	A-1221-416-A	SS-TS74 FR (for FRONT R ch) (US, CND, KR, TW, AUS)	
3	A-1221-419-A	SS-TS74 FL (for FRONT L ch) (MX)	
3	A-1221-420-A	SS-TS74 FR (for FRONT R ch) (MX)	
4	2-896-202-21	PIPE (M) (for SS-TS73)	
5	2-896-202-31	PIPE (H) (for SS-TS74)	
6	A-1252-189-A	STAND BASE (M) ASSY (for SS-TS73) (EA)	
6	X-2176-001-1	STAND BASE (M) ASSY (for SS-TS73) (EXCEPT EA)	
7	X-2176-002-1	STAND BASE (H) ASSY (for SS-TS74)	
8	2-896-203-01	BRACKET (PIPE)	
9	2-896-204-01	STAND CAP	
10	2-630-050-01	+BVTT 3X6 (SUMITITE)	
#1	7-682-973-19	SCREW +PSW 5X10	
#2	7-685-871-09	SCREW +BVTT 3X6 (S)	

SS-WS72/WS74/WS75



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	A-1223-405-A	SS-WS72 (RU, E12, SP, TH)		51	A-1221-444-A	SS-WS74 (US, CND, AUS)	
51	A-1223-405-B	SS-WS72 (E3)		52	X-2176-000-1	FRONT PANEL ASSY	
51	A-1223-406-A	SS-WS72 (US, KR, TW, AUS)		53	A-1231-246-A	SS-WS75 (AEP, UK)	
51	A-1223-407-A	SS-WS72 (AR, E32, MX)		53	A-1231-247-A	SS-WS75 (RU, E12, E3, SP, TH)	
51	A-1247-087-A	SS-WS72 (DZ150K: EA)		53	A-1231-248-A	SS-WS75 (AR, E32, MX)	
51	A-1247-093-A	SS-WS72 (DZ556KB: EA)		SP1	1-826-559-12	LOUDSPEAKER (16CM) (for SS-WS74)	
51	A-1221-443-A	SS-WS74 (E3)		SP1	1-826-603-12	LOUDSPEAKER (16CM) (for SS-WS72)	

SS-TS75/WS73/WS78

SERVICE MANUAL

Ver. 1.3 2007.12

- SS-TS75 is the speaker section in DAV-DZ830W/DZ850KW/DZ850M/HDX900W.
- SS-WS73 is the speaker section in DAV-DZ531W/DZ830W.
- SS-WS78 is the speaker section in DAV-DZ750K/DZ850KW/DZ850M/HDX900W.



Canadian Model
SS-TS75/WS78
AEP Model
UK Model
SS-TS75/WS73
E Model
Australian Model
SS-TS75/WS78

SPECIFICATIONS

SS-TS75

Speaker system	Bass reflex, magnetically shielded
Speaker unit	65 mm dia, cone type
Rated impedance	3.0 ohms
Dimensions (approx.)	111 × 827 × 75 mm (w/h/d) 316 × 1,041 - 1,339 × 316 mm (w/h/d) with stand
Mass (approx.)	1.7 kg 4.1 kg with stand

SS-WS78

Speaker system	Bass reflex
Speaker unit	160 mm dia, cone type
Rated impedance	1.5 ohms
Dimensions (approx.)	220 × 394 × 350 mm (w/h/d)
Mass (approx.)	6.5 kg

Design and specifications are subject to change without notice.

SS-WS73

Speaker system	Bass reflex
Speaker unit	160 mm dia, cone type
Rated impedance	1.5 ohms
Dimensions (approx.)	197 × 322 × 345 mm (w/h/d)
Mass (approx.)	5.6 kg

SPEAKER SYSTEM

EXPLODED VIEWS

NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- XX and -X mean standardized parts, so they may have some difference from the original one.

• Abbreviation

AUS : Australian model

CND : Canadian model

E3 : 220 – 240V AC area in E model

E32 : 110 – 240V AC area in E model

KR : Korean model

MX : Mexican model

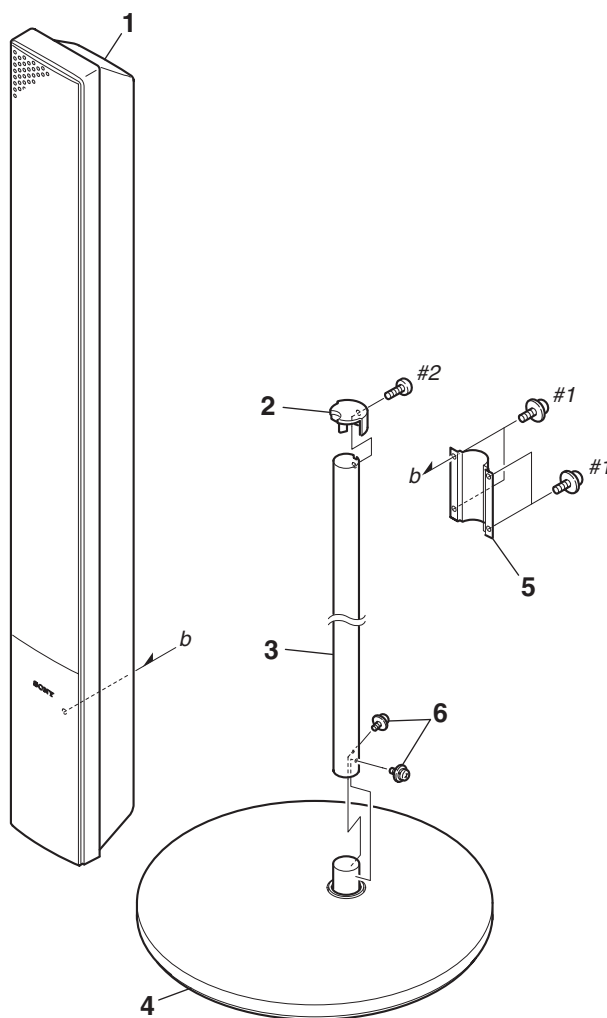
RU : Russian model

SP : Singapore model

TH : Thai model

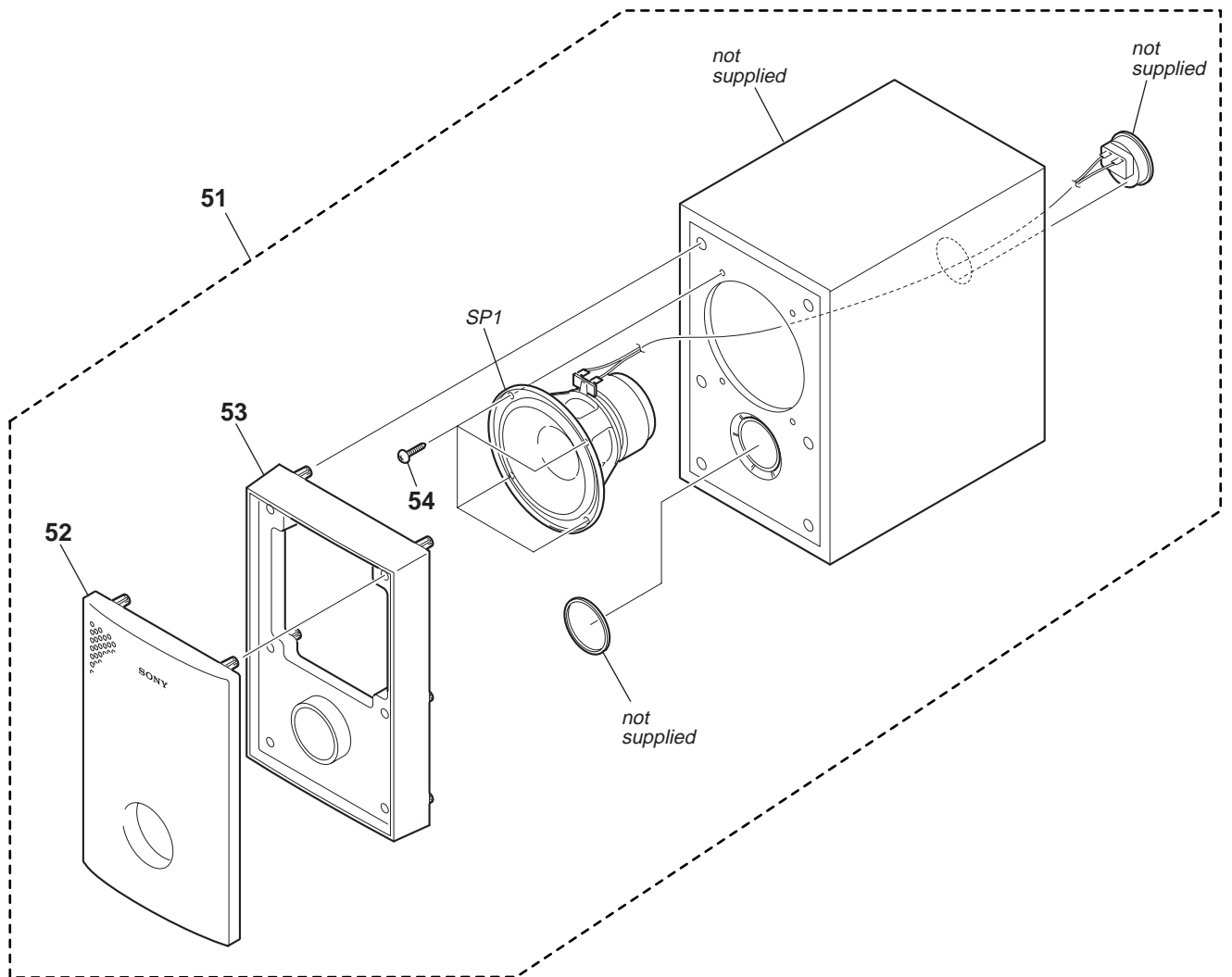
TW : Taiwan model

SS-TS75



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	A-1221-413-A	SS-TS75 SL (for SURROUND L ch) (RU)		3	2-896-202-31	PIPE (H)	
1	A-1221-414-A	SS-TS75 SR (for SURROUND R ch) (AEP, UK, RU, E3, SP, TH)		4	X-2176-002-1	STAND BASE (H) ASSY	
1	A-1221-418-A	SS-TS75 SR (for SURROUND R ch) (CND, KR, TW, AUS)		5	2-896-203-01	BRACKET (PIPE)	
1	A-1221-422-A	SS-TS75 SR (for SURROUND R ch) (MX, E32)		6	2-630-050-01	+BVTT 3X6 (SUMITITE)	
2	2-896-204-01	STAND CAP		#1	7-682-973-19	SCREW +PSW 5X10	
				#2	7-685-871-09	SCREW +BVTT 3X6 (S)	

SS-WS73

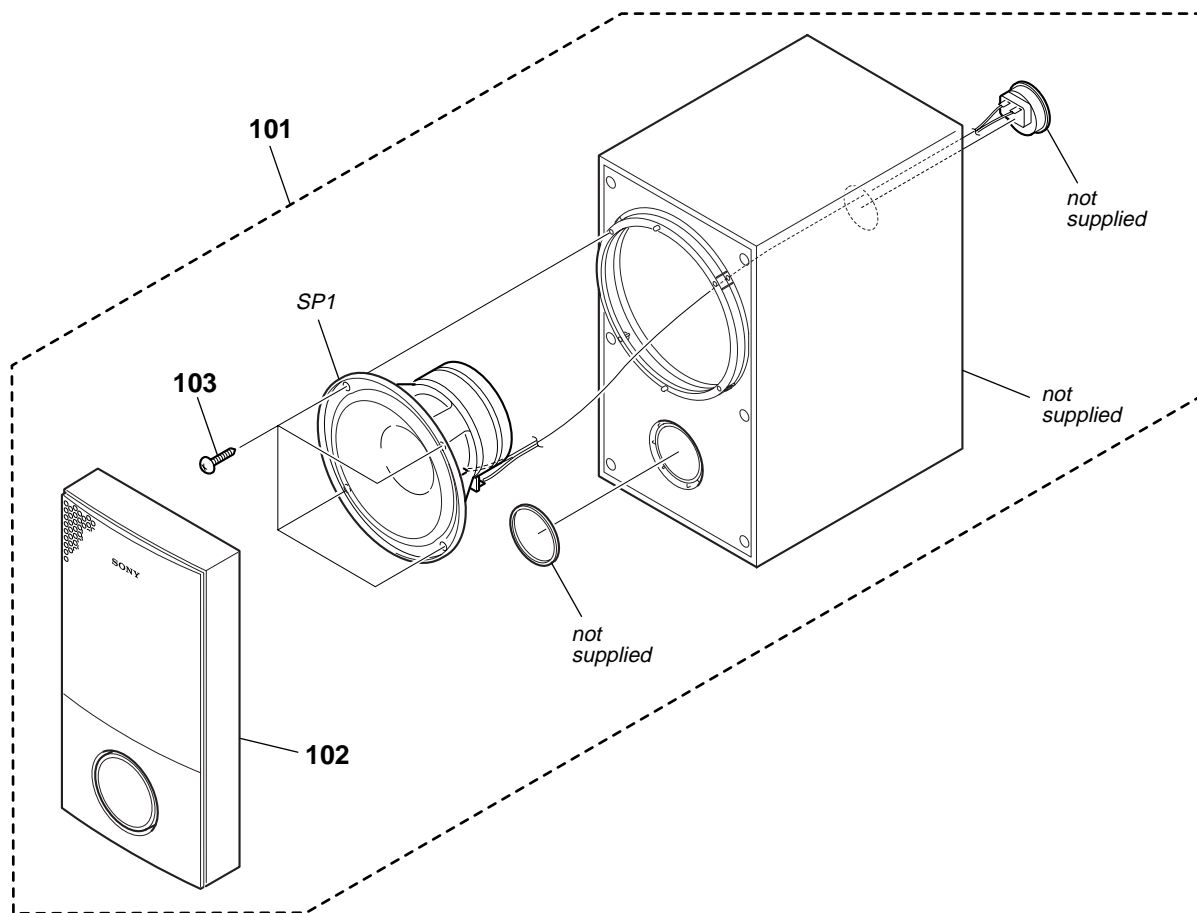


Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	A-1231-744-A	SS-WS73		54	4-874-614-82	SCREW	
52	X-2159-721-1	GRILLE FRAME ASSY		SP1	1-826-552-11	LOUDSPEAKER (16CM)	
53	2-893-658-01	FRONT PANEL (S)					

SS-TS75/WS73/WS78

Ver. 1.2

SS-WS78



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	A-1249-411-A	SS-WS78 (CND, KR, TW, AUS)		103	4-874-614-82	SCREW	
101	A-1249-412-A	SS-WS78 (E32, MX)		SP1	1-826-559-12	LOUDSPEAKER (16CM)	
101	A-1249-413-A	SS-WS78 (RU, E3, SP, TH)					
102	X-2176-494-1	FRONT PANEL ASSY					

MEMO

