

STR-DG820

SERVICE MANUAL

Ver. 1.1 2008.08

US Model
Canadian Model
AEP Model
UK Model
E Model
Australian Model



This receiver incorporates Dolby* Digital and Pro Logic Surround and the DTS** Digital Surround System.

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

** Manufactured under license under U.S. Patent #'s: 5,451,942; 5,956,674; 5,974,380; 5,978,762; 6,226,616; 6,487,535 & other U.S. and worldwide patents issued & pending. DTS is a registered trademark and the DTS logos, Symbol, DTS-HD and DTS-HD Master Audio are trademarks of DTS, Inc. © 1996-2007 DTS, Inc. All Rights Reserved.

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

XM Ready® is a registered trademark of XM Satellite Radio Inc. All rights reserved.

This product is manufactured under license from Neural Audio Corporation and THX Ltd. Sony Corporation hereby grants the user a non-exclusive, non-transferable, limited right of use to this product under USA and foreign patent, patent pending and other technology or trademarks owned by Neural Audio Corporation and THX Ltd. "Neural Surround", "Neural Audio", "Neural" and "NRL" are trademarks and logos owned by Neural Audio Corporation, THX is a trademark of THX Ltd., which may be registered in some jurisdictions. All rights reserved. "x.v.Color" and "x.v.Color" logo are trademarks of Sony Corporation.

"BRAVIA" and BRAVIA are trademarks of Sony Corporation.

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS (US model)

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 8 ohm loads, both channels driven, from 20 Hz – 20,000 Hz; rated 100 watts per channel minimum RMS power, with no more than 0.09% total harmonic distortion from 250 milliwatts to rated output.

Amplifier section Models of area code U, CA

Power Output¹⁾

Minimum RMS Output Power
(8 ohms, 20 Hz – 20 kHz, THD 0.09%)
100 W + 100 W

Stereo Mode Output Power
(8 ohms, 1 kHz, THD 0.7%)
110 W + 110 W

Surround Mode Output Power²⁾
(8 ohms, 1 kHz, THD 10%)
150 W per channel

Models of area code CEL, CEK, ECE, AU, TW, E51¹⁾

Minimum RMS Output Power
(8 ohms, 20 Hz – 20 kHz, THD 0.09%)
85 W + 85 W

Stereo Mode Output Power
(8 ohms, 1 kHz, THD 0.7%)
100 W + 100 W

Surround Mode Output Power²⁾
(8 ohms, 1 kHz, THD 10%)
140 W per channel

Models of area code KR¹⁾

Minimum RMS Output Power
(8 ohms, 20 Hz – 20 kHz, THD 0.09%)
75 W + 75 W

Stereo Mode Output Power
(8 ohms, 1 kHz, THD 0.7%)
90 W + 90 W

Surround Mode Output Power²⁾
(8 ohms, 1 kHz, THD 10%)
130 W per channel

¹⁾Measured under the following conditions:

Area code	Power requirements
U, CA	120 V AC, 60 Hz
CEL, CEK, ECE	230 V AC, 50 Hz
AU, E51	240 V AC, 50 Hz
TW	110 V AC, 60 Hz
KR	220 V AC, 60 Hz

²⁾Reference power output for front, center, surround and surround back speakers. Depending on the sound field settings and the source, there may be no sound output.

Frequency response

Analog
10 Hz – 70 kHz,
+0.5/-2 dB (with sound
field and equalizer
bypassed)

Input
Analog

Sensitivity: 500 mV/
50 kohms
S/N³⁾: 96 dB
(A, 500 mV⁴⁾)

Digital (Coaxial) Impedance: 75 ohms
S/N: 100 dB
(A, 20 kHz LPF)
Digital (Optical) S/N: 100 dB
(A, 20 kHz LPF)

Output (analog)

AUDIO OUT Voltage: 500 mV/
10 kohms

SUBWOOFER Voltage: 2 V/1 kohm

Equalizer

Gain levels ±10 dB, 1 dB step

³⁾INPUT SHORT (with sound field and equalizer
bypassed).

⁴⁾Weighted network, input level.

FM tuner section

Tuning range 87.5 MHz – 108.0 MHz
Antenna (aerial) FM wire antenna (aerial)
Antenna (aerial) terminals 75 ohms, unbalanced
Intermediate frequency 10.7 MHz

– Continued on next page –

MULTI CHANNEL AV RECEIVER

9-889-096-02

2008H05-1

© 2008.08

Sony Corporation

Audio&Video Business Group

Published by Sony Techno Create Corporation

SONY®

AM tuner section

Table with 2 columns: Area code, Tuning scale. Rows include U, CA; CEL, CEK, ECE; AU, E51; KR, TW; and Antenna (aerial) / Intermediate frequency.

5) You can change the AM tuning scale to 9 kHz or 10 kHz. After tuning in any AM station, turn off the receiver. While holding down TUNING MODE, press POWER on the receiver. All preset stations will be erased when you change the tuning scale. To reset the scale to 10 kHz (or 9 kHz), repeat the procedure.

Video section

Table with 2 columns: Inputs/Outputs, Video. Rows include COMPONENT VIDEO: Y, Pb/Cb, Pr/Cr, and 80 MHz HD Pass Through.

General

Table with 2 columns: Area code, Power requirements. Rows include U, CA; CEL, CEK, ECE; AU; TW; KR; and E51.

Table with 2 columns: Power output (DIGITAL MEDIA PORT), DC OUT. Row includes 5V, 0.7 A MAX.

Power consumption

Table with 2 columns: Area code, Power consumption. Rows include U; CA; CEL, CEK, ECE, AU, KR, E51; and TW.

Table with 2 columns: Power consumption (during standby mode). Row includes 0.7 W (When "CTRL:HDMI" in HDMI menu is set to "CTRL OFF").

Table with 2 columns: Dimensions (width/height/depth) (Approx.). Row includes 17 x 6 1/4 x 12 5/8 inches (430 x 157.5 x 318 mm) including projecting parts and controls.

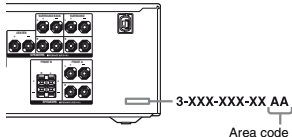
Table with 2 columns: Mass (Approx.). Row includes 18 lb 12 oz (8.5 kg) (U, CA) and 8.4 kg (CEL, CEK, ECE, AU, TW, KR, E51).

Supplied accessories

- Operating instructions
- Quick Setup Guide (1)
- FM wire antenna (aerial) (1)
- AM loop antenna (aerial) (1)
- Remote commander (RM-AAP021) (1)
- R6 (size-AA) batteries (2)
- Optimizer microphone (ECM-AC2) (1)

Design and specifications are subject to change without notice.

About area codes
The area code of the receiver you purchased is shown on the lower right portion of the rear panel (see the illustration below).



Any differences in operation, according to the area code, are clearly indicated in the text, for example, "Models of area code AA only".

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.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer: Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes.). Leakage current can be measured by any one of three methods.

- A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
- A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
- Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

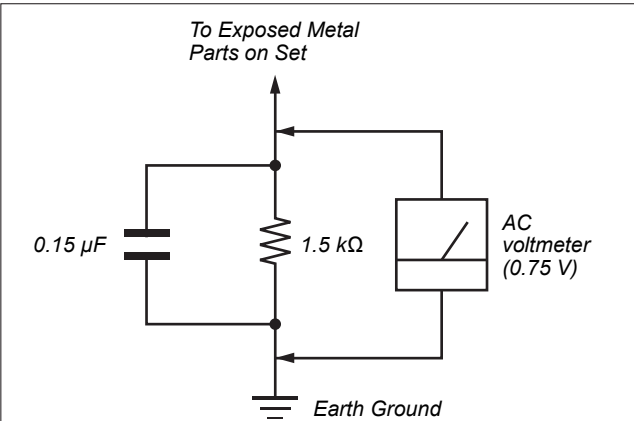


Fig. A. Using an AC voltmeter to check AC leakage.

SAFETY-RELATED COMPONET WARNING!

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

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE Δ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COM- POSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DON- NÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

SECTION 1

SERVICING NOTES

TABLE OF CONTENTS

1. SERVICING NOTES	3
2. GENERAL	4
3. DISASSEMBLY	
3-1. Disassembly Flow	9
3-2. Case	9
3-3. Front Panel Block	10
3-4. Back Panel Block	10
3-5. Main Block	11
3-6. MAIN Board	11
4. TEST MODE	12
5. ELECTRICAL CHECK	13
6. DIAGRAMS	
6-1. Block Diagram - MAIN Section -	14
6-2. Block Diagram - HDMI Section -	15
6-3. Block Diagram - DSP/XM Section -	16
6-4. Block Diagram - AUDIO Section -	17
6-5. Block Diagram - POWER SUPPLY Section -	18
6-6. Printed Wiring Board - MAIN Board -	20
6-7. Schematic Diagram - MAIN Board (1/3) -	21
6-8. Schematic Diagram - MAIN Board (2/3) -	22
6-9. Schematic Diagram - MAIN Board (3/3) -	23
6-10. Printed Wiring Board - HDMI Board (Component Side) -	24
6-11. Printed Wiring Board - HDMI Board (Conductor Side) -	25
6-12. Schematic Diagram - HDMI Board (1/2) -	26
6-13. Schematic Diagram - HDMI Board (2/2) -	27
6-14. Printed Wiring Board - XM Board (US, Canadian models) -	28
6-15. Schematic Diagram - XM Board (US, Canadian models) -	29
6-16. Printed Wiring Board - DSP Board -	30
6-17. Schematic Diagram - DSP Board -	31
6-18. Printed Wiring Boards - DIGITAL AUDIO Section (1/2) -	32
6-19. Printed Wiring Board - DIGITAL AUDIO Section (2/2) -	33
6-20. Schematic Diagram - DIGITAL AUDIO Section (1/2) -	34
6-21. Schematic Diagram - DIGITAL AUDIO Section (2/2) -	35
6-22. Printed Wiring Board - MICOM Board -	36
6-23. Schematic Diagram - MICOM Board -	37
6-24. Printed Wiring Board - DISPLAY Board -	38
6-25. Schematic Diagram - DISPLAY Board -	39
6-26. Printed Wiring Board - VIDEO Board -	40
6-27. Schematic Diagram - VIDEO Board -	41
6-28. Printed Wiring Boards - PANEL Section -	42
6-29. Schematic Diagram - PANEL Section -	43
6-30. Printed Wiring Board - SPEAKER Board -	44
6-31. Schematic Diagram - SPEAKER Board -	44
6-32. Printed Wiring Board - DCDC Board -	45
6-33. Schematic Diagram - DCDC Board -	45
6-34. Printed Wiring Boards - POWER Section -	46
6-35. Schematic Diagram - POWER Section -	47
7. EXPLODED VIEWS	
7-1. Case Section	70
7-2. Front Panel Section	71
7-3. Back Panel Section	72
7-4. Chassis Section	73
8. ELECTRICAL PARTS LIST	74

UNLEADED SOLDER

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

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

: LEAD FREE MARK

Unleaded solder has the following characteristics.

- Unleaded solder melts at a temperature about 40 °C higher than ordinary solder.
Ordinary soldering irons can be used but the iron tip has to be applied to the solder joint for a slightly longer time.
Soldering irons using a temperature regulator should be set to about 350 °C.
Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!
- Strong viscosity
Unleaded solder is more viscous (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.
- Usable with ordinary solder
It is best to use only unleaded solder but unleaded solder may also be added to ordinary solder.

NOTE OF REPLACING THE IC3506 AND IC3508 ON THE HDMI BOARD

IC3506 and IC3508 on the HDMI board cannot exchange with single. When IC3506 and IC3508 on the HDMI board are damaged, exchange the entire mounted board.

NOTE OF REPLACING THE IC5021 ON THE DSP BOARD

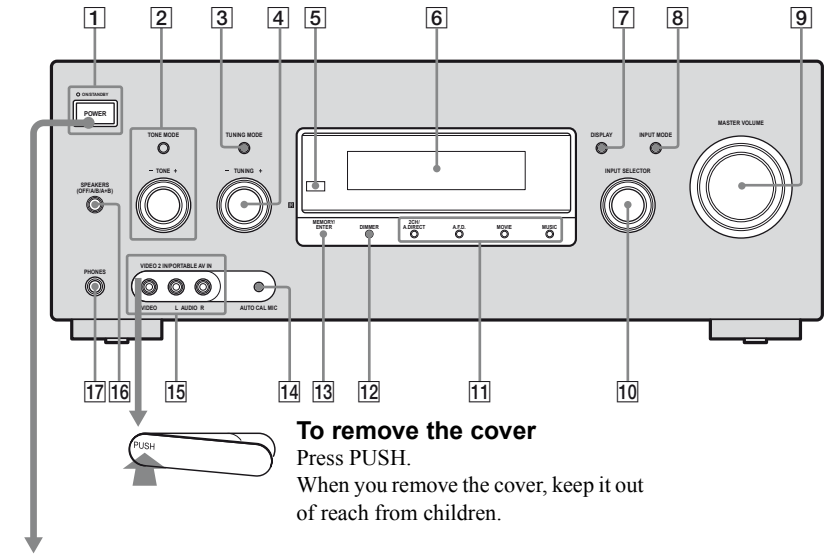
IC5021 on the DSP board cannot exchange with single. When IC5021 on the DSP board is damaged, exchange the entire mounted board.

NOTE OF REPLACING THE IC7005 ON THE MICOM BOARD

IC7005 on the MICOM board cannot exchange with single. When IC7005 on the MICOM board is damaged, exchange the entire mounted board.

Note: Refer to supplement-1 for the HDMI and DSP boards of printed wiring boards, schematic diagram and electrical parts list of Chilean, Peruvian, Korean, Taiwan and Australian models.

Front panel



To remove the cover
Press PUSH.
When you remove the cover, keep it out
of reach from children.

Status of the POWER button
Off
The receiver is turned off (initial
setting).
The ON/STANDBY lamp lights off.
Press POWER to turn the receiver on.
You cannot turn the receiver on using
the remote.

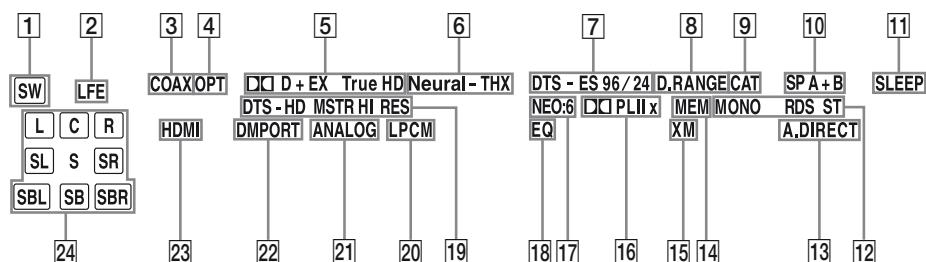
On/Standby
Press I/ on the remote to turn the
receiver on or set it to the standby mode.
When you press POWER on the
receiver, the receiver will be turned off.
The ON/STANDBY lamp lights up in
green when the receiver is on.
The ON/STANDBY lamp lights up in
red when the receiver is set to standby
mode.

Name	Function
1 POWER	Press to turn the receiver on or off.
ON/STANDBY lamp	Show the status of the receiver.
2 TONE MODE TONE +/-	Adjusts the tonal quality (bass/treble level) of the front speakers. Press TONE MODE repeatedly to select bass or treble level, then turn TONE +/- to adjust the level.
3 TUNING MODE	Press to select the tuning mode.
4 TUNING +/-	Turn to scan a station.
5 Remote sensor	Receives signals from remote commander.
6 Display window	The current status of the selected component or a list of selectable items appears here.

Name	Function
7 DISPLAY	Press repeatedly to select information displayed on the display.
8 INPUT MODE	Press to select the input mode when the same components are connected to both digital and analog jacks.
9 MASTER VOLUME	Turn to adjust the volume level of all speakers at the same time.
10 INPUT SELECTOR	Turn to select the input source to playback.
11 2CH/A.DIRECT A.F.D. MOVIE MUSIC	Press to select a sound field.

Name	Function
12 DIMMER	Press repeatedly to adjust the brightness of the display.
13 MEMORY/ ENTER	Press to store a station or enter the selection when selecting the settings.
14 AUTO CAL MIC jack	Connects to the supplied optimizer microphone for the Digital Cinema Auto Calibration function.
15 VIDEO 2 IN/ PORTABLE AV IN jacks	Connects to a portable audio/video component such as a camcorder or video game.
16 SPEAKERS (OFF/A/B/A+B)	Switch to OFF, A, B, A+B of the front speakers.
17 PHONES jack	Connects to headphones.

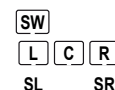
About the indicators on the display



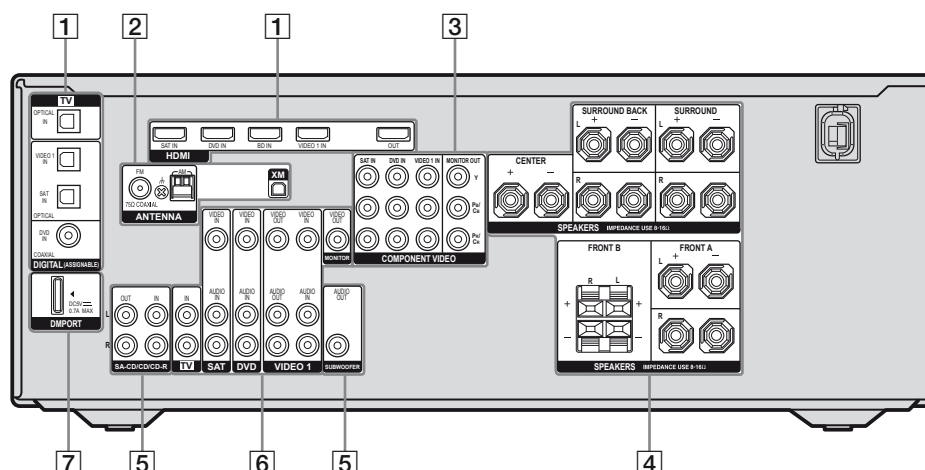
Name	Function
1 SW	Lights up when the audio signal is output from the SUBWOOFER jacks.
2 LFE	Lights up when the disc being played back contains an LFE (Low Frequency Effect) channel and the LFE channel signal is actually being reproduced.
3 COAX	Lights up when INPUT MODE is set to "AUTO" and the source signal is a digital signal being input through the COAXIAL jack.
4 OPT	Lights up when INPUT MODE is set to "AUTO" and the source signal is a digital signal being input through the OPTICAL jack.
5 ☐ D/ ☐ D EX/ ☐ D+/ ☐ TrueHD	" ☐ D " lights up when the receiver is decoding Dolby Digital signals. " ☐ D EX " lights up when the receiver is decoding Dolby Digital Surround EX signals. " ☐ D+ " lights up when the receiver is decoding Dolby Digital Plus signals. " ☐ TrueHD " lights up when the receiver is decoding Dolby TrueHD signals.
6 Neural - THX	Lights up when the receiver applies Neural - THX processing to input signals.
7 DTS/ DTS-ES/ DTS 96/24	"DTS" lights up when the receiver is decoding DTS signals. "DTS-ES" lights up when the receiver is decoding DTS-ES signals. "DTS 96/24" lights up when the receiver is decoding DTS 96 kHz/24 bit signals. Note When playing a DTS format disc, be sure that you have made digital connections and that INPUT MODE is set to "AUTO".
8 D.RANGE	Lights up when dynamic range compression is activated.

Name	Function
9 CAT (US, Canadian models)	Lights up when category mode is set to "ONE CAT" during XM Radio operation.
10 SP A/SP B/ SP A+B	Lights up according to the speaker system used. However, these indicators do not light up if the speaker output is turned off or if headphones are connected.
11 SLEEP	Lights up when the sleep timer is activated.
12 Tuner indicators	Lights up when using the receiver to tune in radio stations, etc. Note "RDS" appears for models of area code CEL, CEK, ECE only.
13 A.DIRECT	Lights up when the receiver is processing Analog Direct signals.
14 MEM	Lights up when a memory function, such as Preset Memory etc., is activated.
15 XM (US, Canadian models)	Lights up when XM Mini Tuner and Home Dock are connected and "XM RADIO" is selected.
16 ☐ PL/ ☐ PL II/ ☐ PL IIX	" ☐ PL " lights up when the receiver applies Pro Logic processing to 2 channel signals in order to output the center and surround channel signals. " ☐ PL II " lights up when the Pro Logic II decoder is activated. " ☐ PL IIX " lights up when the Pro Logic IIX decoder is activated. Note Dolby Pro Logic IIX decoding does not function for signals with a sampling frequency of more than 48 kHz.
17 NEO:6	Lights up when DTS Neo:6 Cinema/Music decoder is activated.
18 EQ	Lights up when the equalizer is activated.

Name	Function
19 DTS-HD MSTR/ DTS-HD HI RES	"DTS-HD MSTR" lights up when the receiver is decoding DTS-HD Master Audio signals. "DTS-HD HI RES" lights up when the receiver is decoding DTS-HD High Resolution signals.
20 LPCM	Lights up when Linear PCM signals are detected.
21 ANALOG	Lights up when INPUT MODE is set to "ANALOG" or no digital signals are detected when INPUT MODE is set to "AUTO".
22 DMP	Lights up when DIGITAL MEDIA PORT adapter is connected and "DMP" is selected.
23 HDMI	Lights up when the receiver recognizes a component connected via an HDMI IN jack.
24 Playback channel indicators	The letters (L, C, R, etc.) indicate the channels being played back. The boxes around the letters vary to show how the receiver downmixes the source sound (based on the speaker settings). Front Left Front Right Center (monaural) Surround Left Surround Right Surround (monaural or the surround components obtained by Pro Logic processing) Surround Back Left Surround Back Right Surround Back (the surround back components obtained by 6.1 channel decoding) Example: Speaker pattern: 3/0.1 Recording format: 3/2.1 Sound Field: A.F.D. AUTO



Rear panel

**1 DIGITAL INPUT/OUTPUT section**

	OPTICAL IN jacks	Connects to a DVD player, etc. The COAXIAL jack provides a better sound quality.
	COAXIAL IN jack	
	HDMI IN/OUT* jacks	Connects to a DVD player, satellite tuner, or a Blu-ray disc player, etc. The image is output to a TV or a projector while the sound can be output from a TV or/and speakers connected to this receiver.

2 ANTENNA section

	FM ANTENNA jack	Connects to the supplied FM wire antenna.
	AM ANTENNA terminals	Connects to the supplied AM loop antenna.
	XM jack	Connects to the XM Mini-Tuner and Home Dock (not supplied).

(US, Canadian models)

3 COMPONENT VIDEO INPUT/OUTPUT section

	Green (Y)	Connects to a DVD player, TV, satellite tuner, etc.
	Blue (Pb/Cb)	
	Red (Pr/Cr)	

4 SPEAKERS section

		Connects to speakers.

5 AUDIO INPUT/OUTPUT section

	White (L) AUDIO IN/OUT jacks	Connects to a Super Audio CD player, etc.
	Red (R)	
	Black AUDIO OUT jack	Connects to a subwoofer.

6 VIDEO/AUDIO INPUT/OUTPUT section

	White (L) AUDIO IN/OUT jacks	Connects to a VCR, DVD player, etc.
	Red (R)	
	Yellow VIDEO IN/OUT* jacks	

7 DMPORT section

	DMPORT jack	Connects to a DIGITAL MEDIA PORT adapter.
--	-------------	---

* You can watch the selected input image when you connect the HDMI OUT or MONITOR OUT jack to a TV.

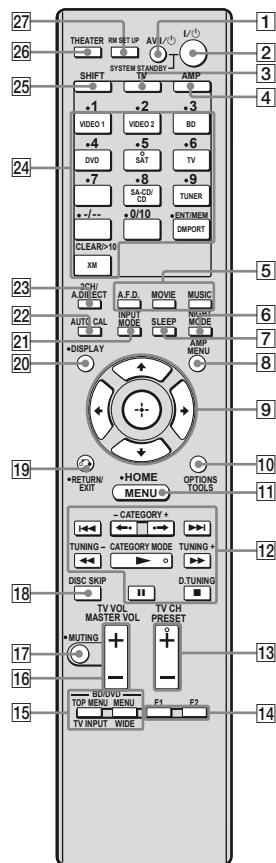
Remote commander

You can use the supplied remote to operate the receiver and to control the Sony audio/video components that the remote is assigned to operate.

You can also program the remote to control non-Sony audio/video components. For details, see "Programming the remote".

RM-AAP021 (US, Canadian models)

RM-AAP022 (Except US, Canadian models)



Name	Function
1 AV I/⏻ (on/standby)	Press to turn on or off the audio/video components that the remote is programmed to operate. To turn the TV on or off, press TV (3) and then press AV I/⏻. If you press I/⏻ (2) at the same time, it will turn off the receiver and other components (SYSTEM STANDBY). Note The function of the AV I/⏻ switch changes automatically each time you press the input buttons (24).
2 I/⏻ (on/standby)	Press to turn the receiver on or set it to standby mode. To turn off all components, press I/⏻ and AV I/⏻ (1) at the same time (SYSTEM STANDBY). To save the power in standby mode, set "CTRL:HDMI" to "CTRL OFF".
3 TV	Press to light up the button. It changes the remote key function to activate the buttons with yellow printing. It also activate the ⏮ (9), ⏭/⏮/⏭ (10), MENU/HOME (11), RETURN/EXIT (19), and DISPLAY (20) buttons to perform menu operations for Sony TVs only.

Name	Function
4 AMP	Press to light up the button to activate the receiver operation.
5 A.F.D. MOVIE MUSIC	Press to select a sound field.
6 NIGHT MODE	Press to activate the Night Mode function.
7 SLEEP	Press to activate the Sleep Timer function and the duration which the receiver turns off automatically.
8 AMP MENU	Press to display the menu to operate the receiver.
9 ⏮, ⏭/⏮/⏭	After pressing AMP (4), press MENU/HOME (11) for receiver operation, then press ⏮/⏭/⏮/⏭ to select the settings. After pressing DVD/BD TOP MENU (15) or DVD/BD MENU (15), press ⏮/⏭/⏮/⏭ to select the settings, and then press ⏮ to enter the selection. Press ⏮ also to enter the selection of the receiver, VCR, satellite tuner, DVD player, Blu-ray disc recorder, PSX, DVD/VHS COMBO, or DVD/HDD COMBO.
10 OPTIONS TOOLS	Press to display and select items from the options menus for DVD player or Blu-ray disc player. To display the options of Sony TV, press TV (3) and then press OPTIONS TOOLS.
11 MENU/HOME	Press to display the menus of the receiver, VCR, DVD player, satellite tuner, Blu-ray disc recorder, PSX, DVD/VHS COMBO, or DVD/HDD COMBO on the TV screen. Then, use ⏮/⏭/⏮/⏭ and ⏮ to perform menu operations. To display the menus of Sony TV, press TV (3) and then press MENU.
12 ⏮/⏭/⏮/⏭ ^{a)}	Press to skip tracks of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc recorder, PSX, DVD/VHS COMBO, or DVD/HDD COMBO.
⏮/⏭	Press to replay the previous scene or fast forward the current scene of the DVD player, Blu-ray disc recorder, DVD/VHS COMBO, or DVD/HDD COMBO.
⏮/⏭ ^{a)}	Press to – search tracks in the forward/backward direction of the CD player, VCD player, DVD player, LD player, MD deck, Blu-ray disc recorder, PSX, DVD/VHS COMBO, or DVD/HDD COMBO. – fast forward/rewind of the VCR, DAT deck, or tape deck.
▶a)b)	Press to start playback of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc recorder, PSX, DVD/VHS COMBO, or DVD/HDD COMBO.

Name	Function
11^{a)}	Press to pause playback or recording of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc recorder, PSX, DVD/VHS COMBO, or DVD/HDD COMBO. (Also starts recording with components in recording standby.)
11^{a)}	Press to stop playback of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc recorder, PSX, DVD/VHS COMBO, or DVD/HDD COMBO.
CATEGORY +/- (US, Canadian models)	Press to select a category for XM Radio.
TUNING +/-	Press to scan a station.
D.TUNING	Press to enter direct tuning mode.
CATEGORY MODE (US, Canadian models)	Press to select the category mode for XM Radio.
13 TV CH +b)/-	Press TV (3) and then press TV CH +/- to select preset TV channels.
PRESET +b)/-	Press to – select preset stations. – select preset channels of the VCR, satellite tuner, Blu-ray disc recorder, DVD player, DVD/VHS COMBO, or DVD/HDD COMBO.
14 F1, F2	Press F1 or F2 to select a component. • DVD/HDD COMBO F1: HDD mode F2: DVD mode • DVD/VHS COMBO F1: DVD mode F2: VHS mode
15 BD/DVD TOP MENU	Press to display the menu or on-screen guide of the DVD or Blu-ray disc on the TV screen. Then, use ⏮/⏭/⏮/⏭ and ⏮ to perform menu operations.
BD/DVD MENU	Press to display the menu of the DVD or Blu-ray disc on the TV screen. Then, use ⏮/⏭/⏮/⏭ and ⏮ to perform menu operations.
TV INPUT	Press TV (3) and then press TV INPUT to select the input signal (TV input or video input).
WIDE	Press TV (3) and then press WIDE to select the wide picture mode.
16 TV VOL +/-	Press TV (3) and then press TV VOL +/- to adjust the TV volume level.
MASTER VOL +/-	Press to adjust the volume level of all speakers at the same time.
17 MUTING	Press to turn off the sound temporarily. Press MUTING again to restore the sound. Press TV (3) and then press MUTING to activate the TV's muting function.

Name	Function
18 DISC SKIP	Press to skip disc of the CD player, VCD player, DVD player, or MD deck (multi-disc changer only).
19 RETURN/EXIT 	Press to – return to the previous menu. – exit the menu while the menu or on-screen guide of the VCD player, LD player, DVD player, Blu-ray disc recorder, PSX, DVD/VHS COMBO, or satellite tuner is displayed on the TV screen. To return to the previous menu of Sony TV, press TV (3) and then press RETURN/EXIT  .
20 DISPLAY	Press to select information displayed on the display window or TV screen of the VCR, VCD player, LD player, DVD player, CD player, MD deck, Blu-ray disc recorder, PSX, satellite tuner, DVD/VHS COMBO, or DVD/HDD COMBO. To select information of Sony TV, press TV (3) and then press DISPLAY.
21 INPUT MODE	Press AMP (4), then press INPUT MODE to select the input mode when the same components are connected to both digital and analog jacks.
22 AUTO CAL	Press to activate the Digital Cinema Auto Calibration function.
23 2CH/A.DIRECT	Press to select sound field or to switch the audio of the selected input to analog signal without any adjustment.
24 Input buttons	Press one of the buttons to select the component you want to use. When you press any of the input buttons, the receiver turns on. The buttons are factory assigned to control Sony components as follows. You can program the remote to control non-Sony components following the steps in “Programming the remote”.

Name	Function
Button	Assigned Sony component
VIDEO 1	VCR (VTR mode 3)
VIDEO 2	VCR (VTR mode 2)
BD	Blu-ray disc player
DVD	DVD player
SAT	Satellite tuner
TV	TV
SA-CD/CD	Super Audio CD/CD player
TUNER	Built-in tuner
DMPORT	DIGITAL MEDIA PORT adapter
XM	XM Mini-Tuner and Home Dock (US, Canadian models)
Numeric buttons (number 5^b)	Press SHIFT (25) and then press numeric buttons to – preset/tune to preset stations. – select track numbers of the CD player, VCD player, LD player, DVD player, MD deck, DAT deck, or tape deck. Press 0/10 to select track number 10. – select channel numbers of the VCR, satellite tuner, Blu-ray disc recorder, PSX, DVD/VHS COMBO, or DVD/HDD COMBO. Press TV (3) and then press the numeric buttons to select the TV channels.
ENT/MEM	Press SHIFT (25) and then press ENT/MEM to enter the value after selecting a channel, disc or track using the numeric buttons of the VCR, CD player, VCD player, LD player, MD deck, DAT deck, tape deck, satellite tuner, Blu-ray disc recorder, or PSX. To enter the value of Sony TV, press TV (3) and then press ENT/MEM. Press SHIFT (25) and then press ENT/MEM to store a station during tuner operation.

Name	Function
CLEAR/>10	Press SHIFT (25) and then press CLEAR/>10 to clear a mistake when you press the incorrect numeric button of the DVD player, Blu-ray disc recorder, PSX, satellite tuner, DVD/VHS COMBO, or DVD/HDD COMBO. Press SHIFT (25) and then press CLEAR/>10 to select track numbers over 10 of the CD player, VCD player, LD player, MD deck, tape deck, TV, VCR, or satellite tuner.
-/--	Press SHIFT (25) and then press -/-- to select the channel entry mode, either one or two digit of the VCR or satellite tuner. To select the channel entry mode of the TV, press TV (3) and then press -/--.
25 SHIFT	Press to light up the buttons. It changes the remote button function to activate the buttons with pink printing.
26 THEATER	Press to enjoy optimal image suited for movies and to output the sound from the speakers connected to this receiver automatically. Note This button will only function if your TV is compatible with Theater Mode. Refer to the operating instructions supplied with the TV for details.
27 RM SET UP	Press to set up the remote.

^{a)}This button is also available for DIGITAL MEDIA PORT adapter operation. For details on the function of the button, refer to the operating instructions supplied with the DIGITAL MEDIA PORT adapter.

^{b)}The number 5/SAT, TV CH +/PRESET + and /CATEGORY MODE (US, Canadian models) buttons have tactile dots.

Use the tactile dots as references when operating the receiver.

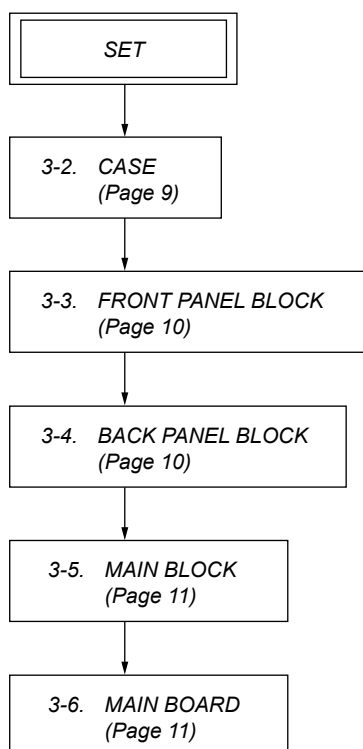
Notes

- Some functions explained in this section may not work depending on the model.
- The above explanation is intended to serve as an example only. Therefore, depending on the component, the above operation may not be possible or may operate differently than described.

SECTION 3 DISASSEMBLY

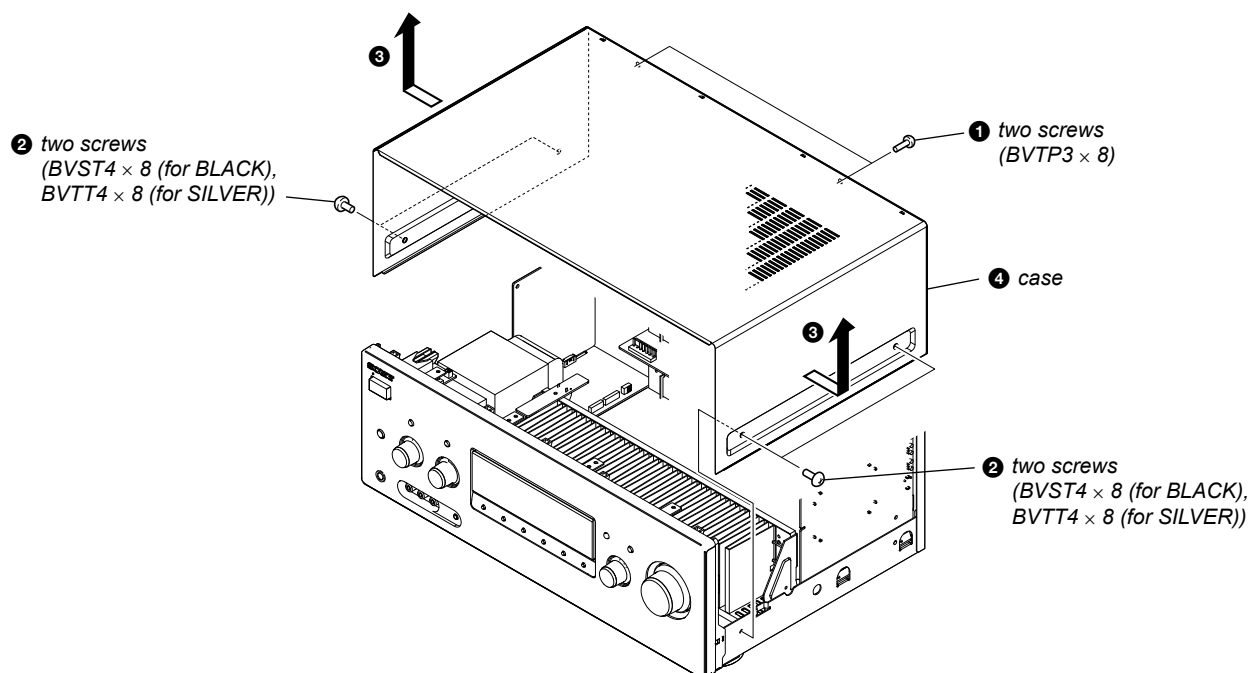
- This set can be disassembled in the order shown below.

3-1. DISASSEMBLY FLOW

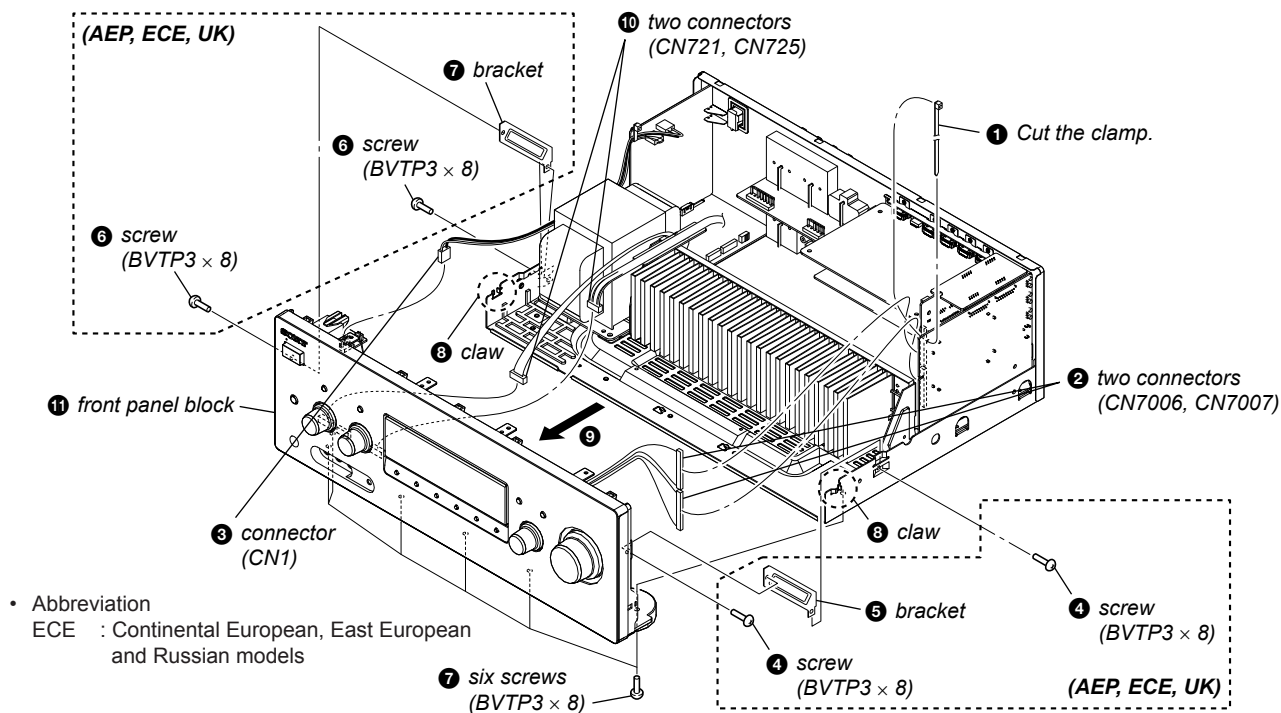


Note: Follow the disassembly procedure in the numerical order given.

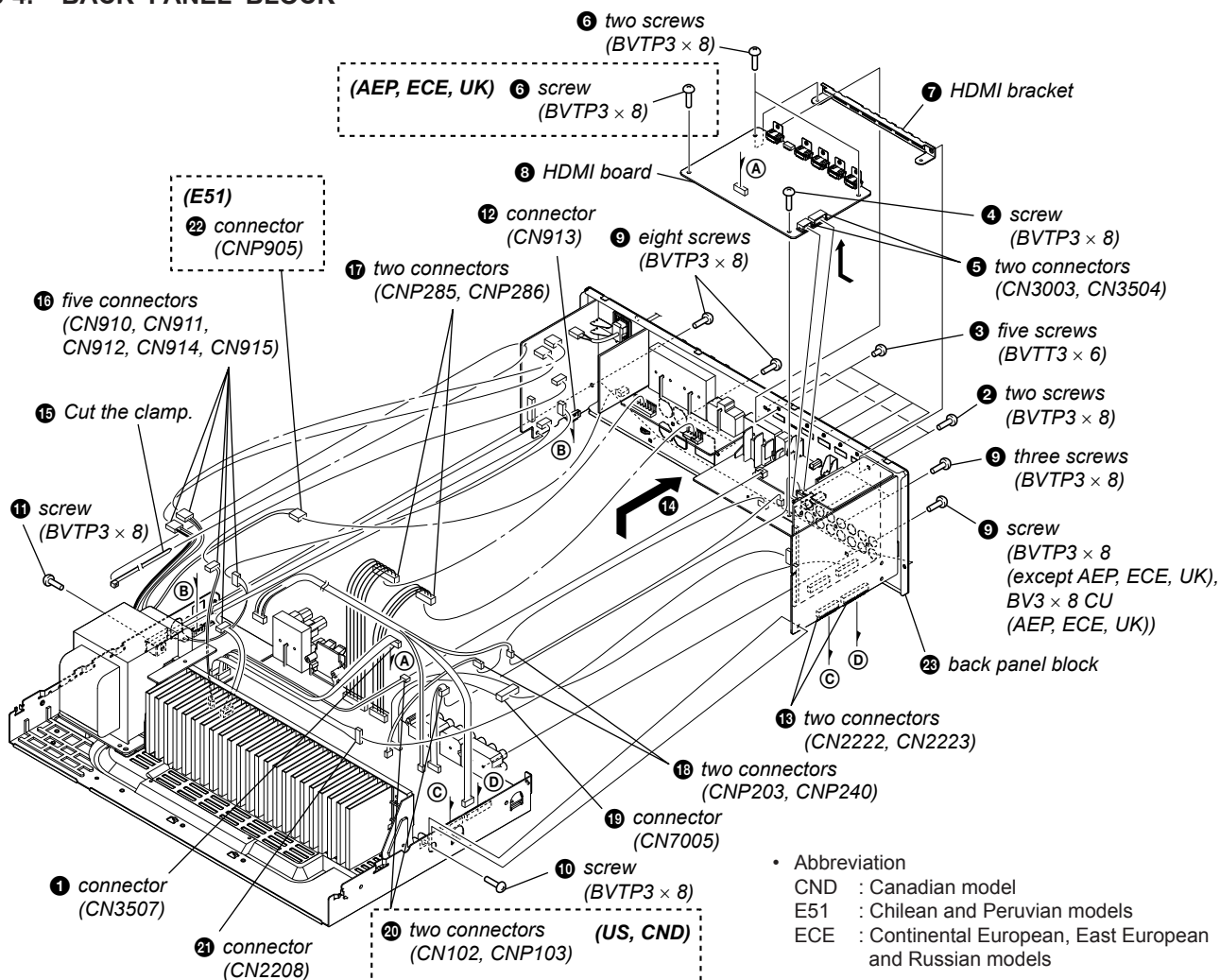
3-2. CASE



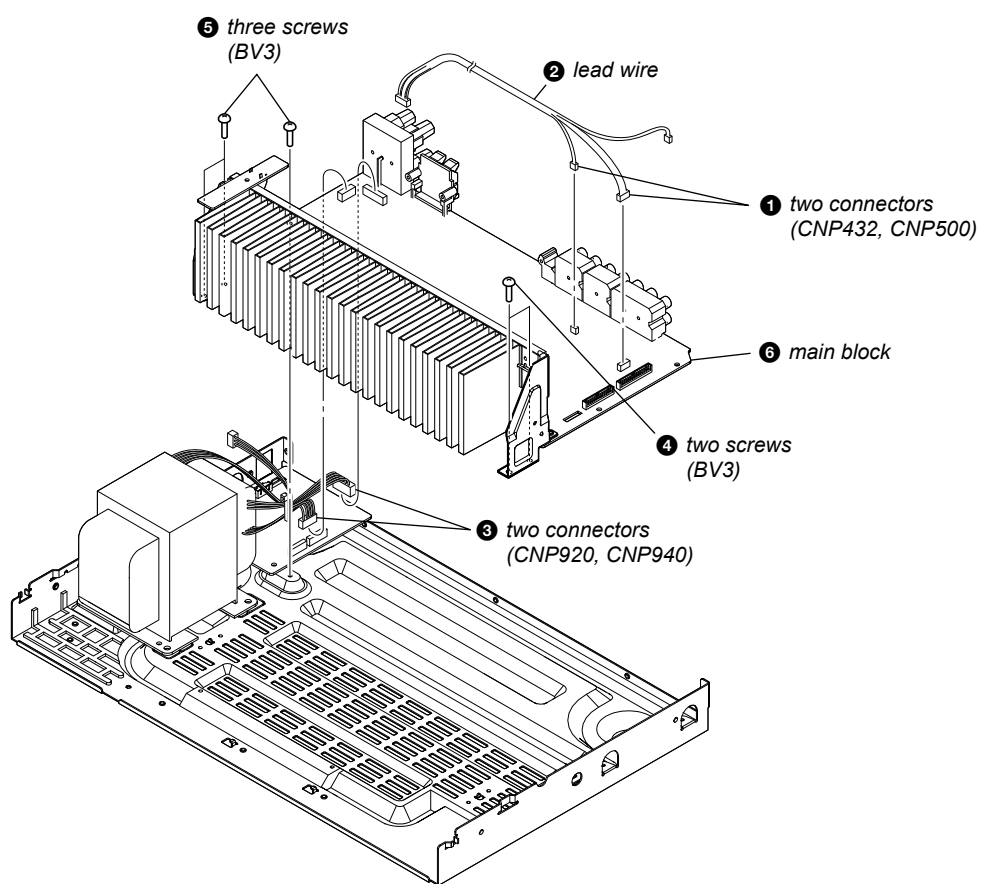
3-3. FRONT PANEL BLOCK



3-4. BACK PANEL BLOCK

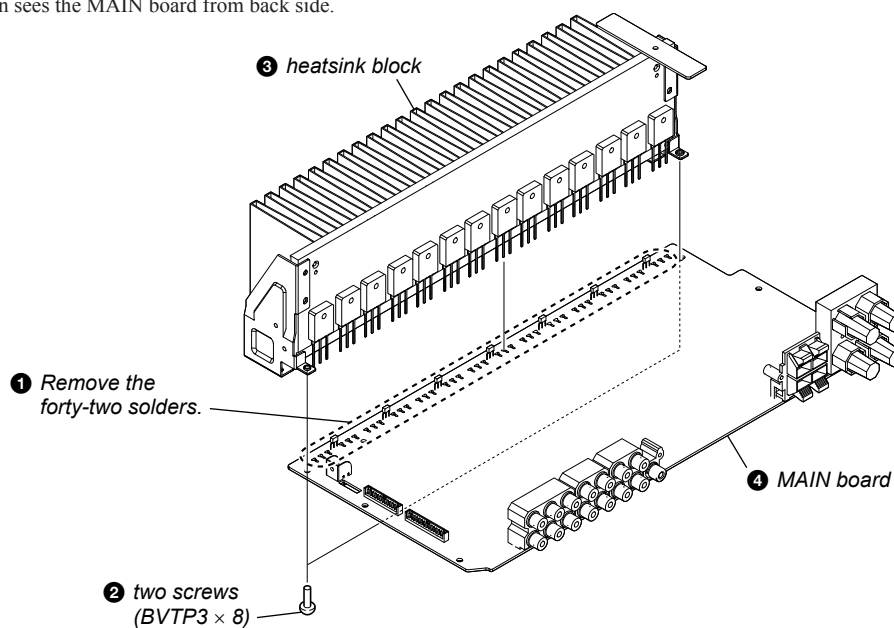


3-5. MAIN BLOCK



3-6. MAIN BOARD

Note: This illustration sees the MAIN board from back side.

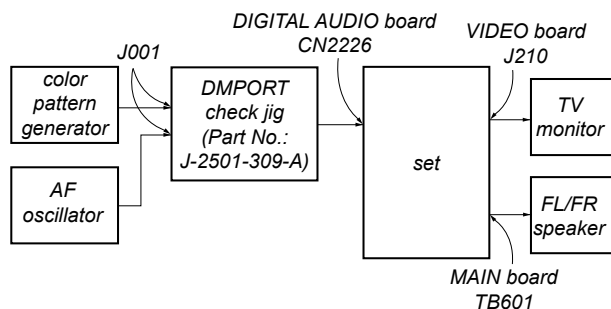


SECTION 4 TEST MODE

DIGITAL MEDIA PORT TEST

Procedure:

1. Connect the DMPORT check jig (P/N: J-2501-309-A) with the DMPORT jack (CN2226) on the DIGITAL AUDIO board.
2. While pressing the [MEMORY/ENTER] and [A.F.D.] buttons, press the [POWER] button to turn on the main power.
3. The message "DMPORT T." appears on the fluorescent indicator tube and enter the digital media port test mode. (Confirmation of communication line)
When "NO DETECT", "UART NG" and "UART TO" are displayed on the fluorescent indicator tube, confirm the connection of the DMPORT check jig, and enter the mode again.
Each time the [▶▶] button on the remote commander is pressed, the connect check and adaptor version check are switched.
Press the [◀◀] button on the remote commander, connected confirmation of the DMPORT check jig is done again.
4. To a pinjack of the DMPORT check jig input information relevant to audio signal (sine-wave 1.0V rms) and composite video signal (white 100% 1.0Vp-p, color bar, etc.).
5. Confirm the output of speakers and monitor TV. (Confirmation of analog signal)
6. To release from this mode, press the [■] button on the remote commander.



XM FACTORY TEST MODE

(US and Canadian models only)

Mode to confirm operation of XM. Doing display of ID of XM antenna and output of audio signal that XM antenna generates, it is confirmed that there are no problems in the communication of the XM antenna and the transmission of the audio signal.

Procedure:

1. The XM antenna was connected, while pressing the [TUNING MODE] and [MOVIE] buttons, press the [POWER] button to turn on the main power.
2. Whenever the [DISPLAY] button is pressed, the output of the audio signal of 1 kHz L/R, 20 Hz L/R, 5 kHz L/R, muting, 1 kHz L and 1kHz R are switched.

COMMAND MODE CHANGE MODE

The command mode of the remote-commander which this set receives can be changed.

Procedure:

1. While pressing the [2CH/A. DIRECT] button, press the [POWER] button to turn on the main power.
2. Either the message "C.MODE AV1" or "C.MODE AV2" appears. Select the desired mode.

FLUORESCENT INDICATOR TUBE PATTERN CHECK MODE

All fluorescent segments are tested. When this test is activated, all segments turn on at the same time, then each segment turns on one after another.

Procedure:

1. While pressing the [TONE MODE] and [A.F.D.] buttons, press the [POWER] button to turn on the main power.
2. All segments turn on.

MEMORY CLEARING MODE

All preset contents are cleared when this mode is activated. Use this mode before returning the product to clients upon completion of repair.

Procedure:

1. While pressing the [TONE MODE] and [2CH/A.DIRECT] buttons, press the [POWER] button to turn on the main power.
2. The message "CLEARING" appears and the memories are reset to the default values.
3. When done, the message "CLEARED" appears.

SOUND FIELD CLEAR MODE

The preset sound field is cleared when this mode is activated. Use this mode before returning the product to clients upon completion of repair.

Procedure:

1. While pressing the [MUSIC] button, press the [POWER] button to turn on the main power.
2. The message "S. F. CLEAR" appears and initialization is performed.

TUNER AM STEP CHANGE MODE

(US, Canadian, Chilean, Peruvian, Korean, Taiwan and Australian models only)

Either the 9 kHz step or 10 kHz step can be selected for the AM channel step.

Procedure:

1. Press the [POWER] button to turn on the main power.
2. Turn the [INPUT SELECTOR] dial to select the "AM TUNER".
3. Press the [POWER] button to turn off the main power.
4. While pressing the [TUNING MODE] button, press the [POWER] button to turn on the main power.
5. Either the message "AM9k Step" or "AM10k Step" appears, select the desired step.

HISTORY MODE

The state that the set is used is memorized.

Procedure:

1. While pressing the [MEMORY/ENTER] and [MUSIC] buttons, press the [POWER] button to turn on the power and "HISTORY" is displayed.
2. Each time the [↑] [↓] key of remote commander is pressed, the item is switched in order as follows.

Items	Display
Protector count	COUNT XX
Total single power on time	S xxHxxM
Sound field	xxxxxxxxxx
Input function	xxxxxxxxxx
Input mode	xxxxxxxxxx
Digital select	xxxxxxxxxx
Stream information	xxxxxxxxxx
Signal configuration	CONF xxxxx
Headphones	HEADPH xxx
Volume	VOL xxx
Bass	BASS xxdB
Treble	TREB xxdB
Level FL/FR	FL/R xx xx
Level SL/SR	SL/R xx xx
Level CT/SW	C/SW xx xx
Level BL/BR	BL/R xx xx
Total power on time	T xxHxxM
Muting	MUTING xxx
Power on counter (Rebox test mode)	REBOX xx

SECTION 5
ELECTRICAL CHECK

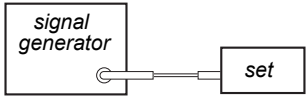
SPECIAL MENU MODE

Procedure:

1. Press the [POWER] button to turn on the main power, then while pressing the [TONE MODE] button, press the [A.F.D.], [2CH/A. DIRECT], [MUSIC], [MOVIE] button in order, the message “SPECIALIZE” appears.
2. Press the [↑] [↓] button on the remote commander, the message “< SPECIAL>” appears.
3. Press the [→] button on the remote commander, the item is appears.
4. Each time the [↑] [↓] button on the remote commander is pressed, the item is switched in order as follows.
Some items can change the content. Display the cursor by pressing the [→] button on the remote commander, and changing the content by pressing the [↑] [↓] button on the remote commander, and fix the content by pressing the [←] button on the remote commander when you want to change the content of the item.
5. To release from this mode, while pressing the [TONE MODE] button, press the [A.F.D.], [2CH/A. DIRECT], [MUSIC], [MOVIE] button in order again, the message “OFF” appears.

Items	Display	Remark
Model/Destination change	MODEL	When [→] button on the remote commander is pressed, the message “G82 ** XXX” is appears **· Destination XXX: FIX or AUT
Main micom version display	M.Ver X.XX	X.XX: System controller software version
HDMI mico mversion display	H.Ver X.XX	X.XX: HDMI controller software version
DSP serial flash version display	S.Ver X.XX	X.XX: Serial flash software version
HD update	HD UPDATE	When [→] button on the remote commander is pressed, the message “ON” or “OFF” is appears
HDCP key read	HDCP KEY	When [→] button on the remote commander is pressed, the message “ON” or “OFF” is appears
Auto cal mic test	SP OUT	When [→] button on the remote commander is pressed, the message “SOURCE” or “mic” is appears SOURCE: normal mode, MIC: mode that output audio from mic input
FL display fonts test	FL FONT	When [→] button on the remote commander is pressed, the message “0X**=X” is appears **· 20 to FF, X: character
FL display test	All segments turn on	Each time [DISPLAY] button to change as follows all on → test pattern 1 → test pattern 2 → all off → all on
DSP halt	DSP HALT	When [→] button on the remote commander is pressed, the message “ON” or “OFF” is appears
Super reset	RESET	Not used for the servicing When EEPROM initialization is required, perform the “memory clearing mode”
RAM watch menu	RAM WATCH	When [→] button on the remote commander is pressed, the message “XXXXXXXXXX” is appears XXXXXXXXXX: Various internal RAM (Switching with [↑] [↓] button on the remote commander)
EEPROM debug	EEPROM	When [→] button on the remote commander is pressed, the message “**** XX” is appears ****: EEPROM address, XX: EEPROM data
Protector on/off	PROTECTOR	When [→] button on the remote commande is pressed, the message “ON” or “OFF” is appears
Audio swap	SWAP MODE	When [→] button on the remote commander is pressed, the message “XXXXXXXXXX” is appears XXXXXXXXXX: audio swap mode Switching with [↑] [↓] button on the remote commander
Volume value display (FL/FR)	F****RXXXX	****: Front L-ch volume value, XXXX: Front R-ch volume value (for design evaluation)
Volume value display (SL/SR)	S****AXXXX	****: Surround L-ch volume value, XXXX: Surround R-ch volume value (for design evaluation)
Volume value display (CT/SW)	C****WXXXX	****: Center volume value, XXXX: Sub woofer volume value (for design evaluation)
Volume value display (SBL/SBR)	B****BXXXX	****: Surround back L-ch volume value, XXXX: Surround back R-ch volume value (for design evaluation)
DAC mute information disclosure 1	U XXXXXXXX	Display of module information to demand muting in system controller (for design evaluation)
DAC mute information disclosure 2	L XXXXXXXX	Display of module information to demand muting in system controller (for design evaluation)
FL display duty change	DUTY	When [→] button on the remote commander is pressed, the message “XXX” is appears XXX: Duty value of FL display (1% to 100%) (for design evaluation)

FM AUTO STOP CHECK



Procedure:

1. Turn on the set.
2. Input the following signal from signal generator to FM antenna input directly.

Carrier frequency : A = 87.5 MHz, B = 98 MHz, C = 108 MHz
Deviation : 75 kHz
Modulation : 1 kHz
ANT input : 1 kHz

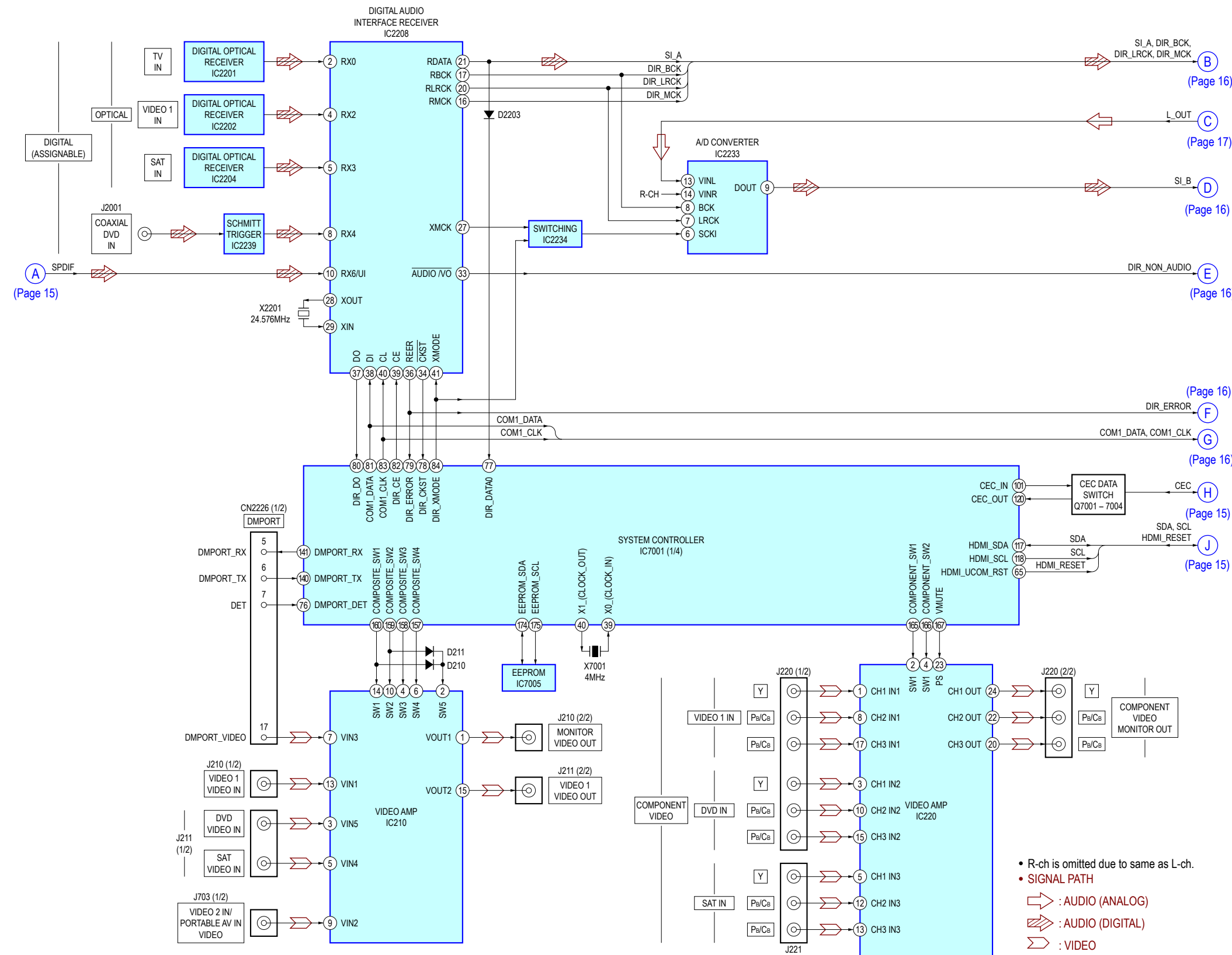
Note: Use 75 ohm coaxial cable to connect signal generator and the set.
You cannot use video cable for checking.
Use signal generator whose output impedance is 75 ohm.

3. Set to FM tuner function and scan the input FM signal with automatic scanning.
4. Confirm that input frequency of A, B and C are detected and automatic scanning stops.

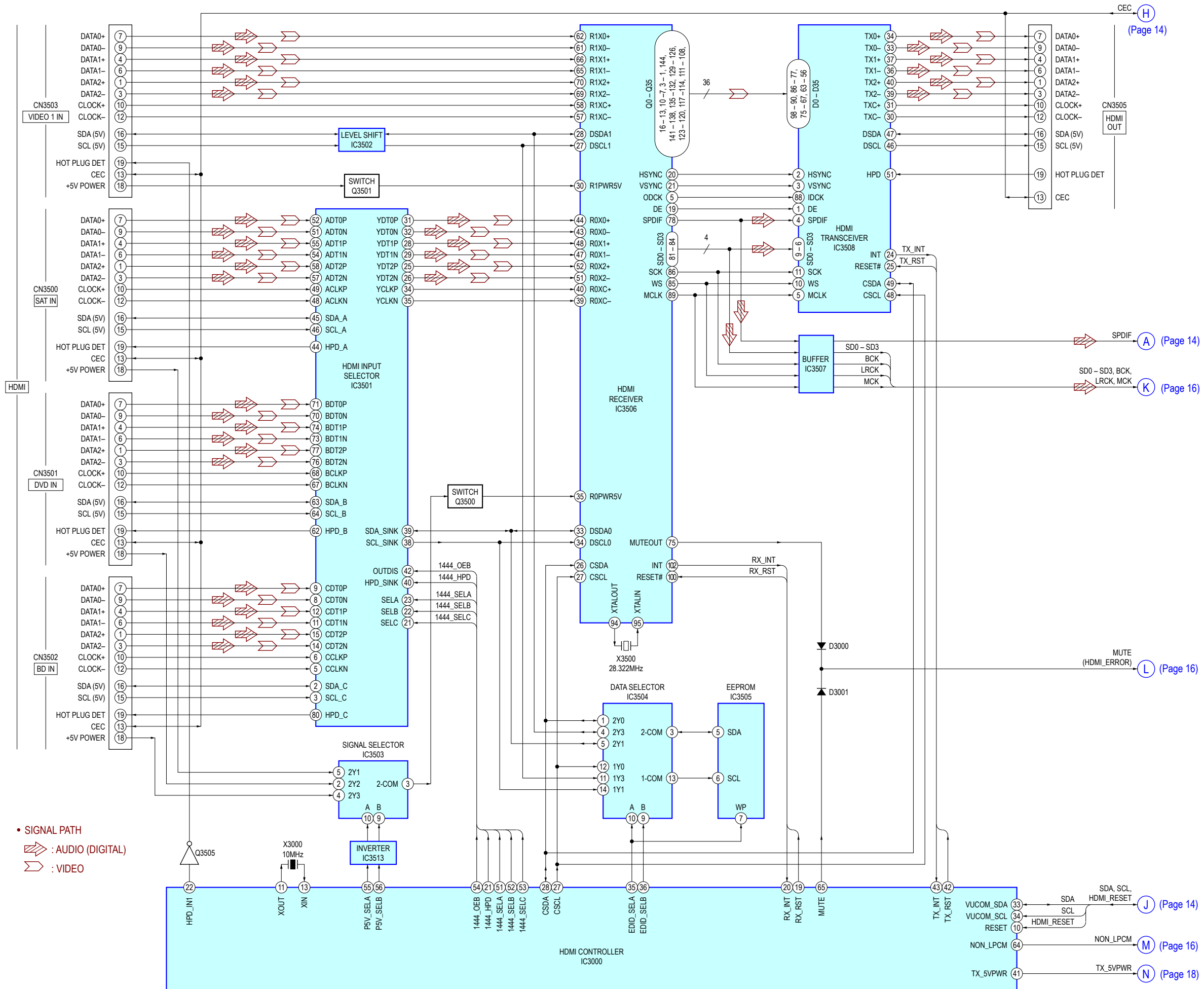
When the station signal is received in good condition, automatic scanning stops.

SECTION 6
DIAGRAMS

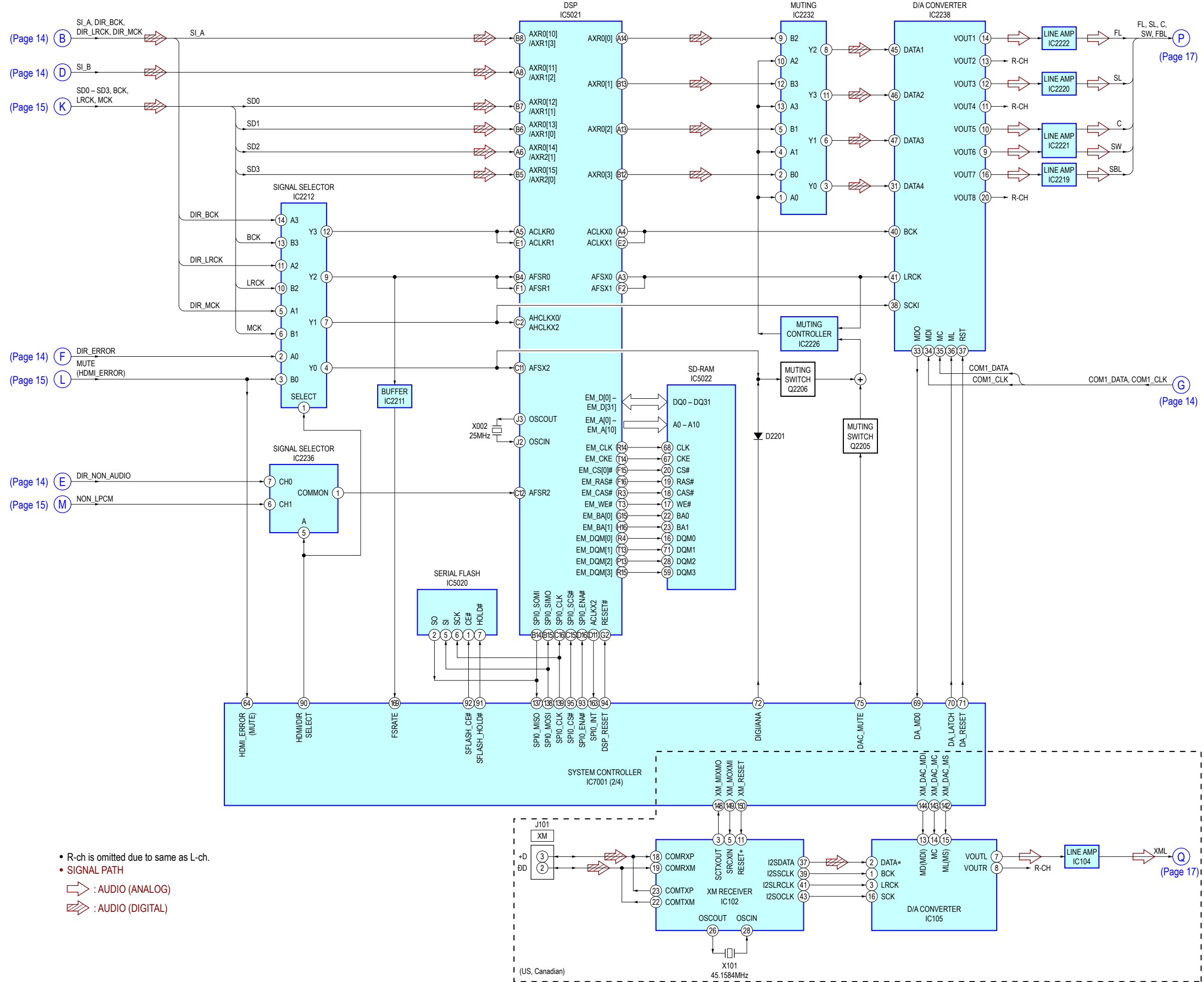
6-1. BLOCK DIAGRAM - MAIN Section -



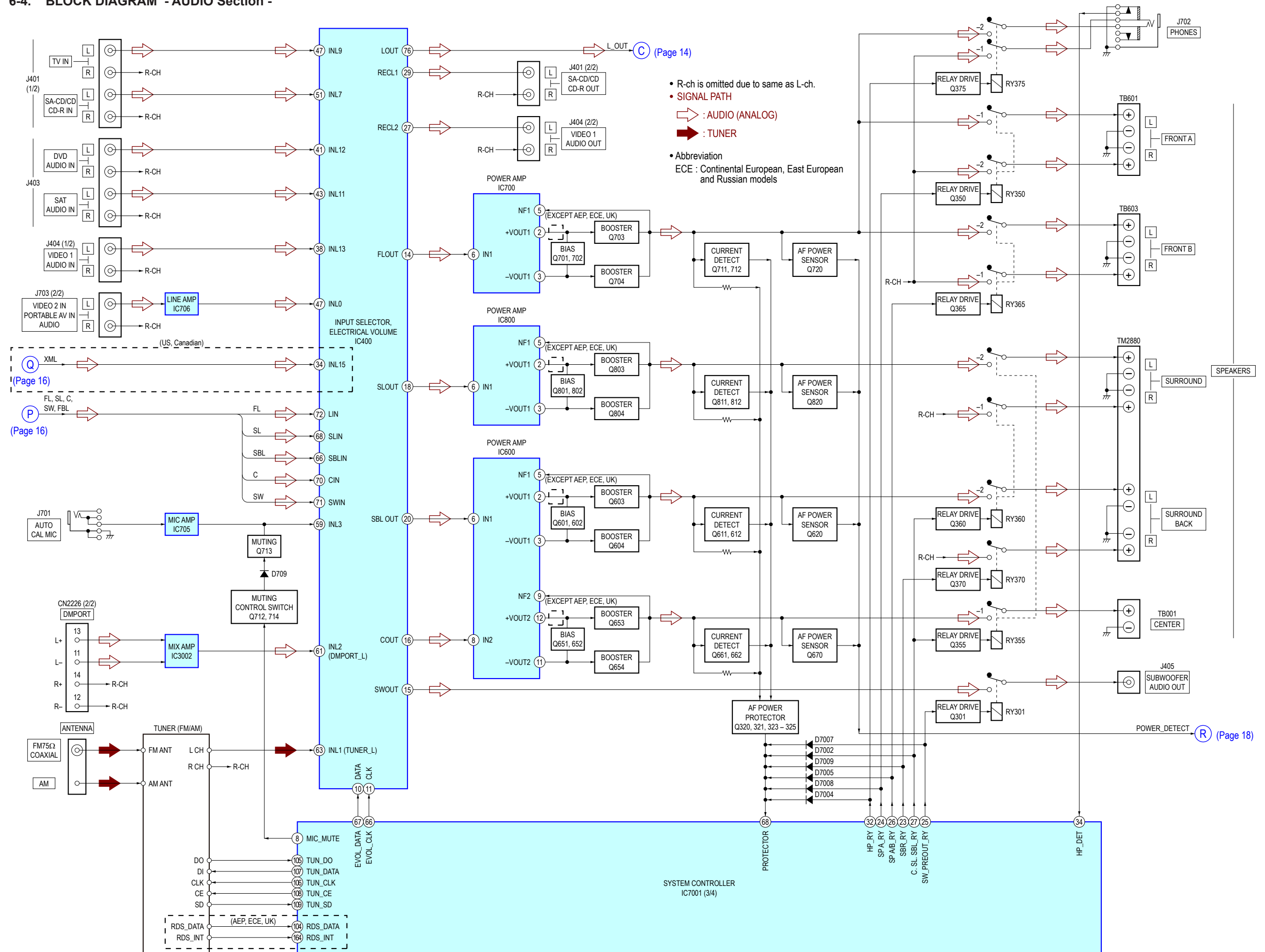
6-2. BLOCK DIAGRAM - HDMI Section -



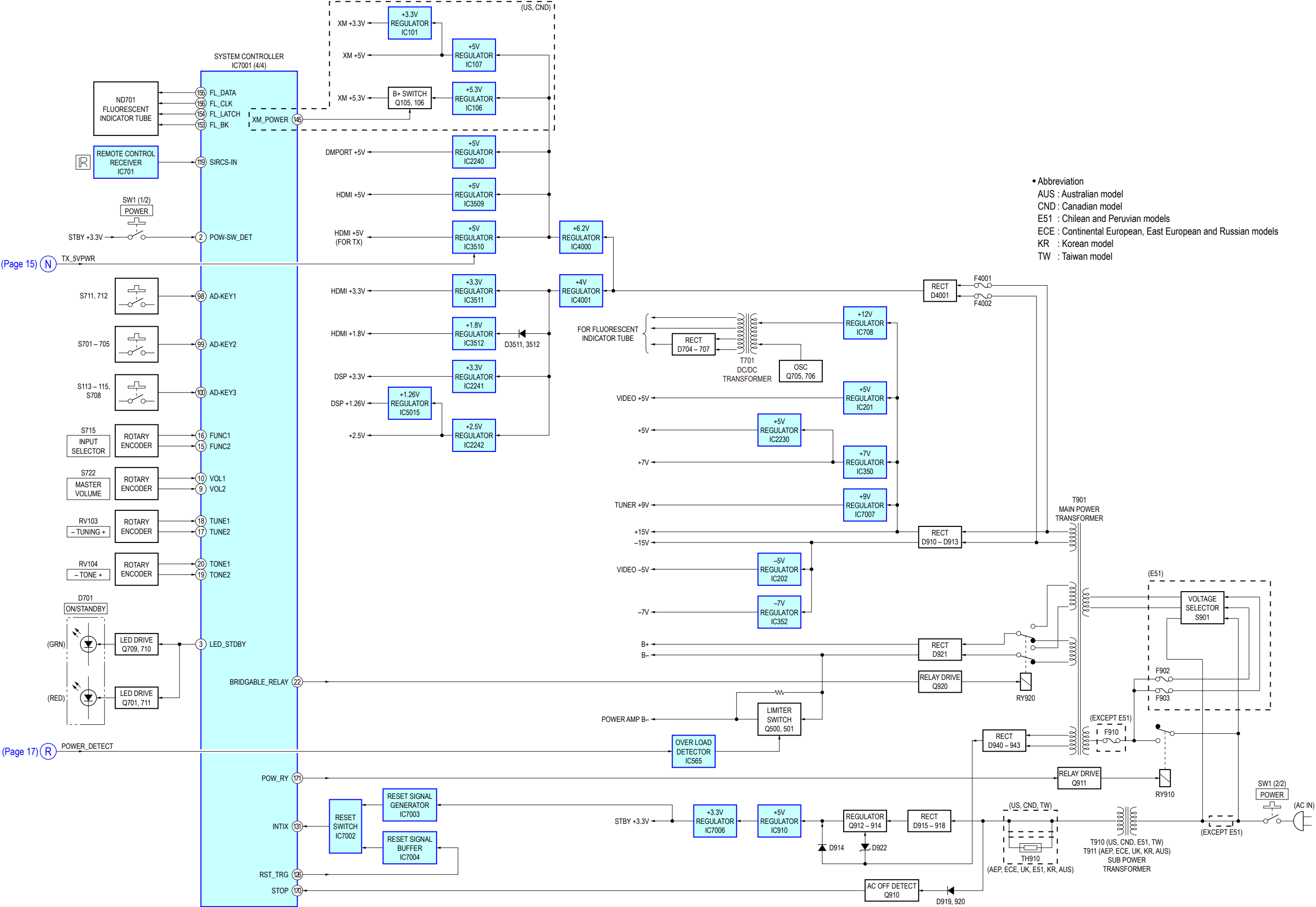
6-3. BLOCK DIAGRAM - DSP/XM Section -



6-4. BLOCK DIAGRAM - AUDIO Section -



6-5. BLOCK DIAGRAM - POWER SUPPLY Section -



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

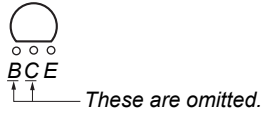
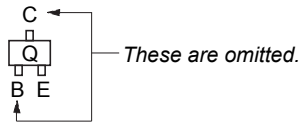
For Printed Wiring Boards.

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

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

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

- HDMI board and DSP board are multi-layer printed boards. However, the patterns of intermediate-layers have not been included in diagrams.
- Indication of transistor.



For Schematic Diagrams.

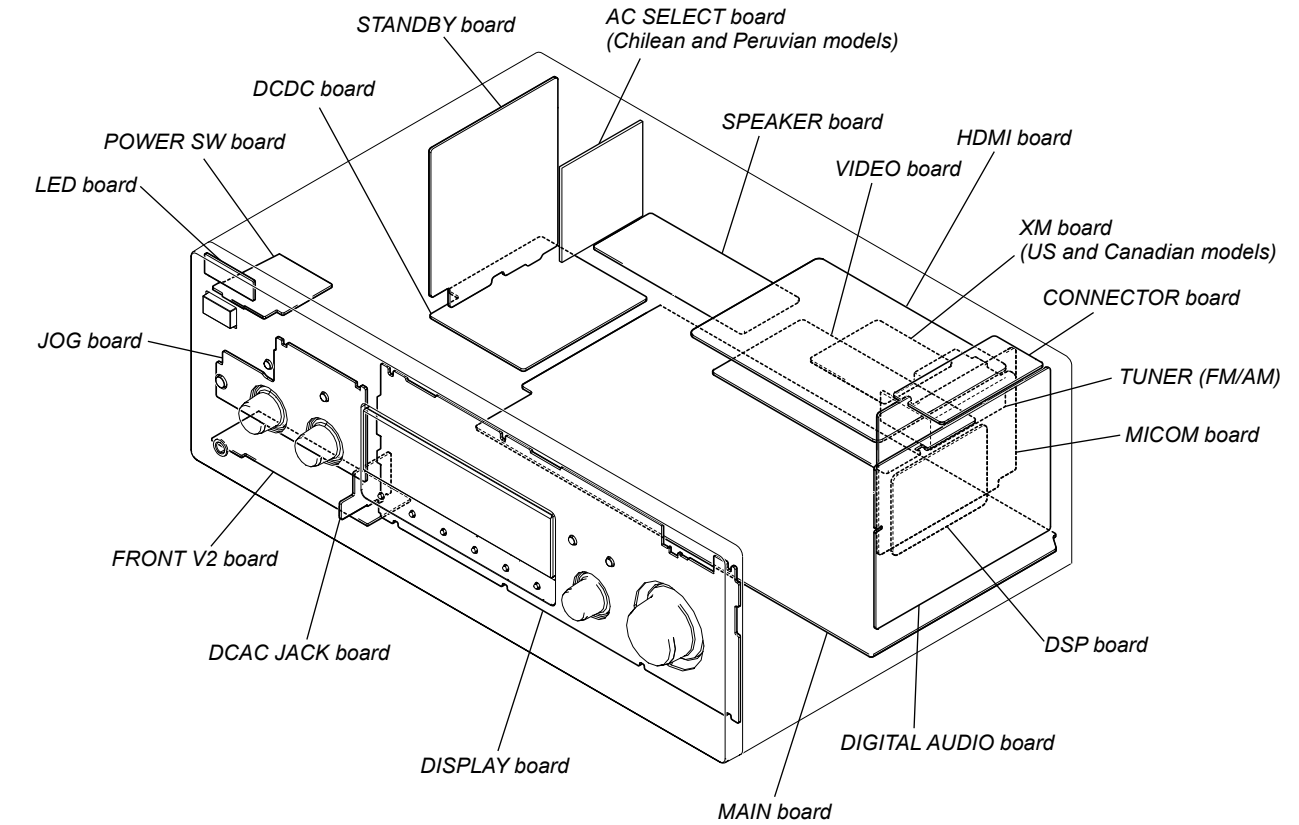
- Note:**
- All capacitors are in μF unless otherwise noted. (p: pF)
50 WV or less are not indicated except for electrolytics and tantalums.
 - All resistors are in Ω and $1/4\text{ W}$ or less unless otherwise specified.
 - △ : internal component.
 - ⊞ : nonflammable resistor.
 - ⊞ : fusible resistor.
 - : panel designation.

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

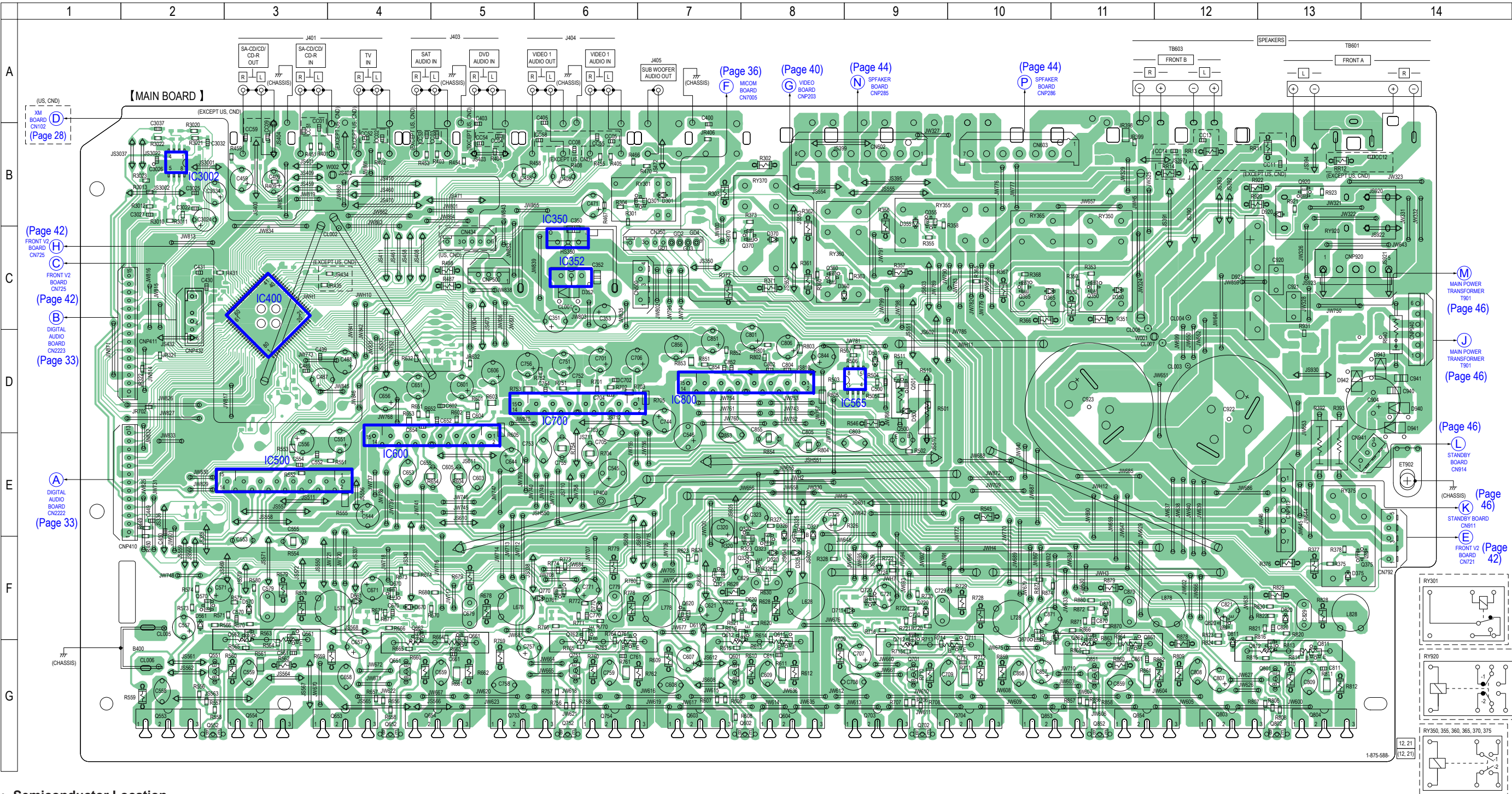
Note:
Les composants identifiés par une marque △ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

- : B+ Line.
- - - : B- Line.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
no mark : TUNER
- Voltages are taken with a VOM (Input impedance $10\text{ M}\Omega$).
Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
 - ⇒ : AUDIO (DIGITAL)
 - ⇒ : AUDIO (ANALOG)
 - ⇒ : TUNER
 - ⇒ : VIDEO
- Abbreviation
 - AUS : Australian model
 - E51 : Chilean and Peruvian models
 - CND : Canadian model
 - ECE : Continental European, East European and Russian models
 - KR : Korean model
 - TW : Taiwan model

• Circuit Boards Location



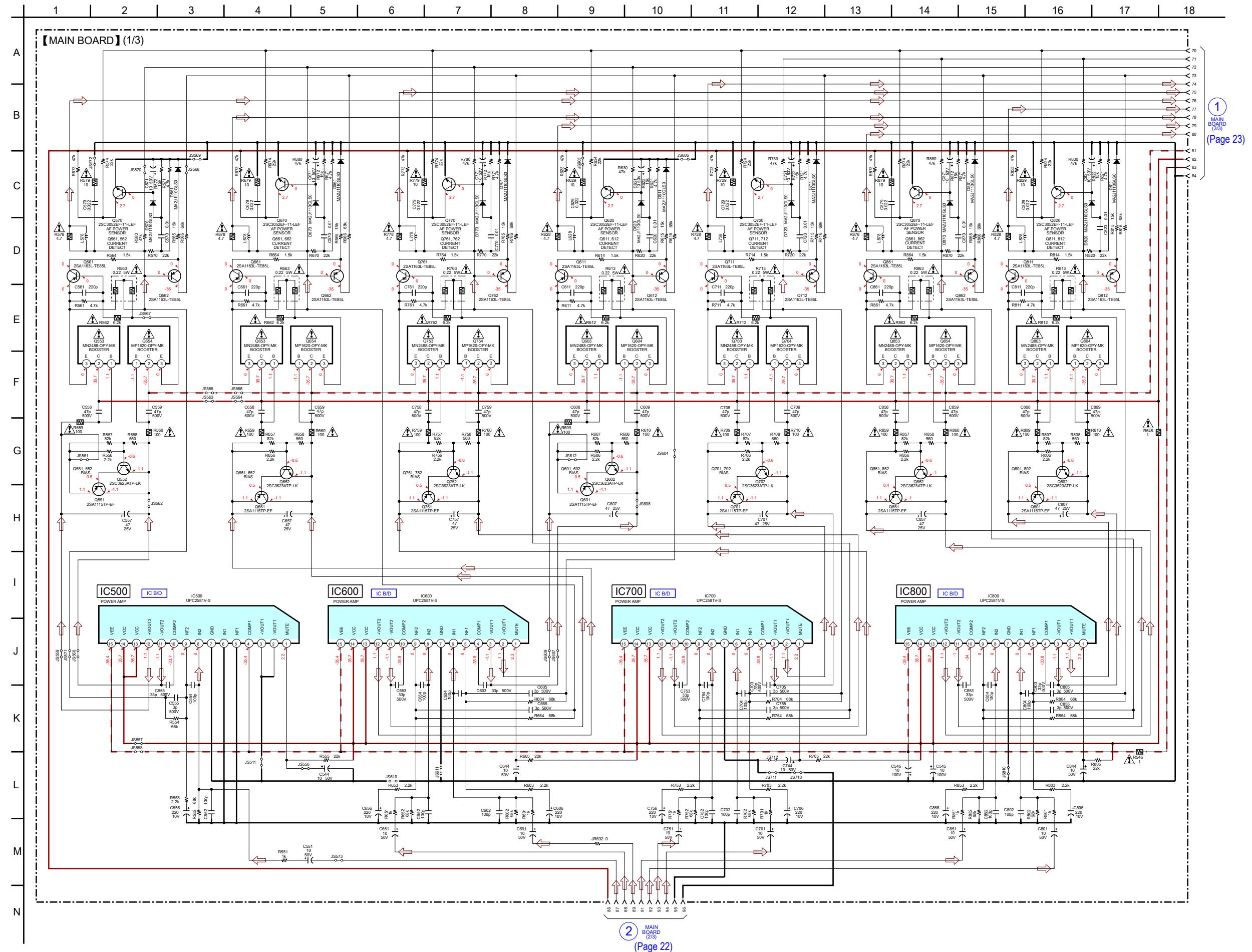
6-6. PRINTED WIRING BOARD - MAIN Board - • See page 19 for Circuit Boards Location. • : Uses unleaded solder.



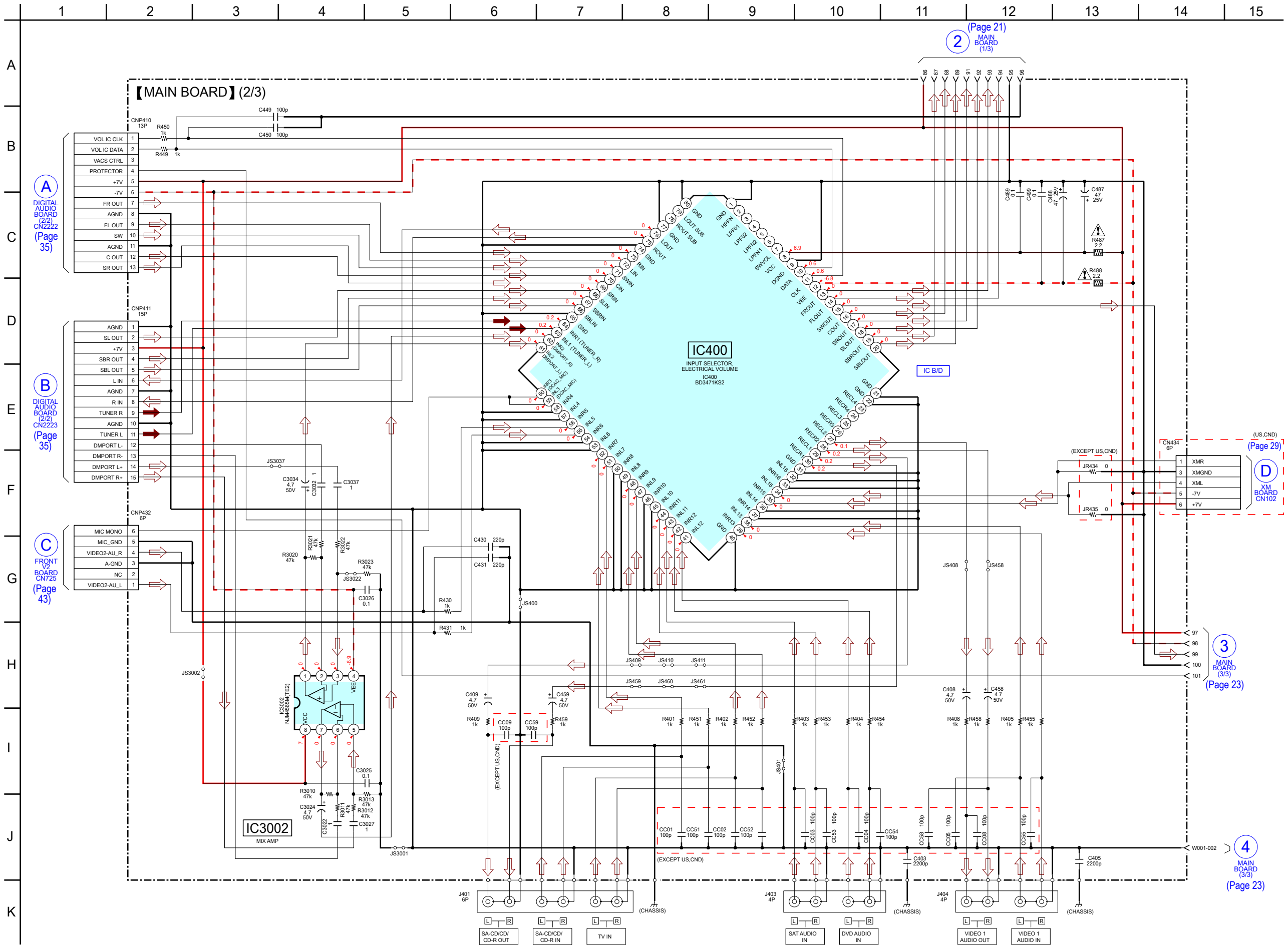
• Semiconductor Location

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D301	B-7	D370	C-8	D711	F-9	D940	D-14	IC600	E-4	Q325	E-8	Q552	G-2	Q652	G-4
D320	F-8	D375	F-13	D720	F-9	D941	D-14	IC700	D-6	Q350	C-11	Q561	F-3	Q661	F-5
D325	F-8	D500	D-9	D761	F-6	D942	D-13	IC800	D-7	Q355	B-9	Q562	F-3	Q662	F-4
D326	E-8	D501	D-9	D770	F-6	D943	D-14	IC3002	B-2	Q360	C-8	Q570	F-2	Q670	F-4
D327	E-8	D561	F-2	D811	F-12					Q365	C-10	Q601	G-7	Q701	G-9
D350	C-11	D570	F-3	D820	F-13	IC350	C-6	Q301	B-7	Q370	C-8	Q602	G-8	Q702	G-9
D352	C-6	D611	F-7	D861	F-11	IC352	C-6	Q320	E-8	Q375	F-13	Q611	F-8	Q711	F-10
D355	B-9	D620	F-8	D870	F-11	IC400	C-3	Q321	E-7	Q500	E-9	Q612	F-7	Q712	F-9
D360	C-8	D661	F-4	D920	B-13	IC500	E-3	Q323	F-8	Q501	D-9	Q620	F-7	Q720	F-9
D365	C-10	D670	F-4	D921	C-12	IC565	D-9	Q324	F-8	Q551	G-2	Q651	G-4	Q751	G-6
														Q851	G-11
														Q852	G-11
														Q861	F-11
														Q862	F-11
														Q870	F-10
														Q920	B-13

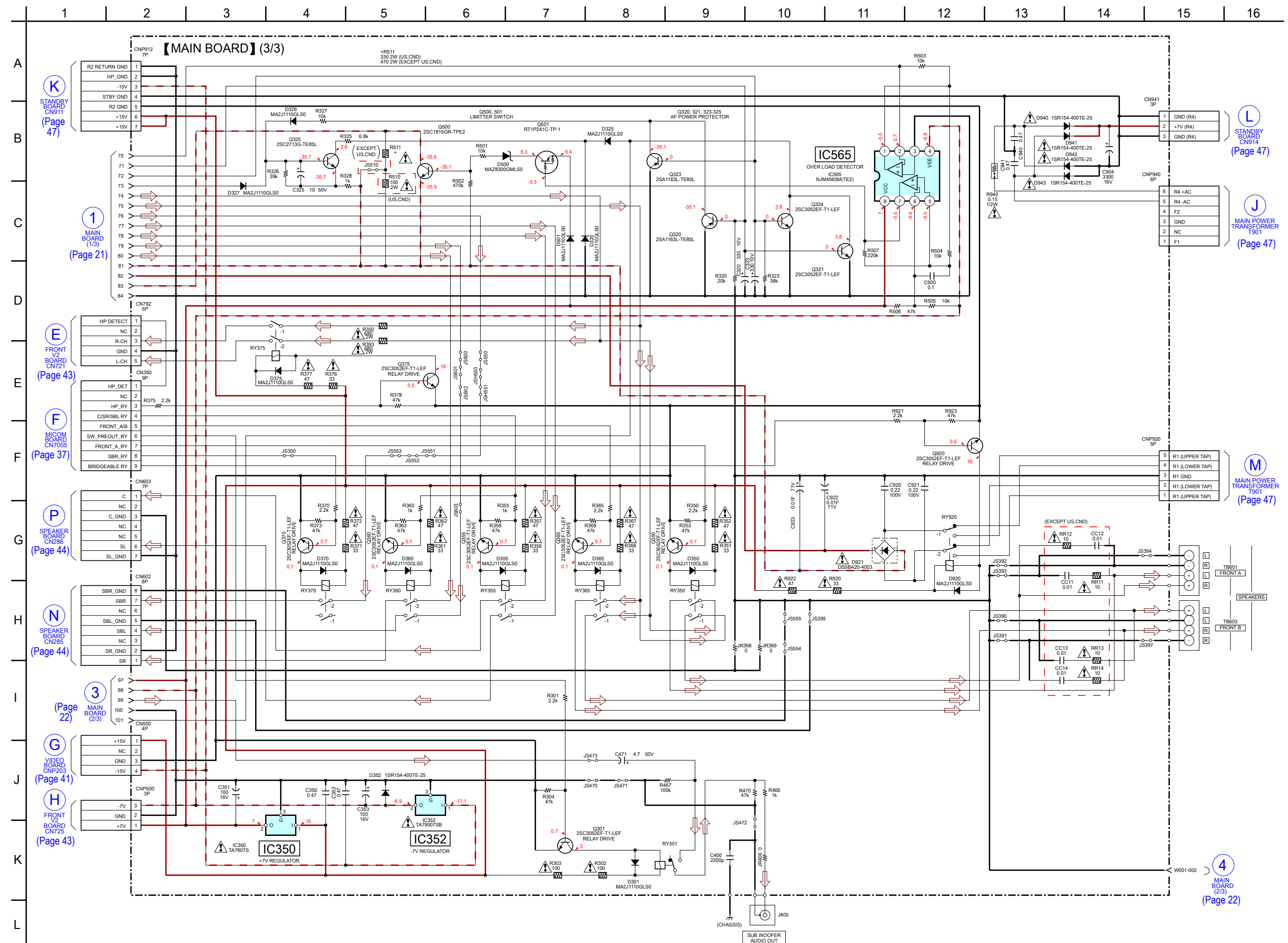
6-7. SCHEMATIC DIAGRAM - MAIN Board (1/3) - • See page 48 for IC Block Diagrams.



6-8. SCHEMATIC DIAGRAM - MAIN Board (2/3) - • See page 48 for IC Block Diagrams.

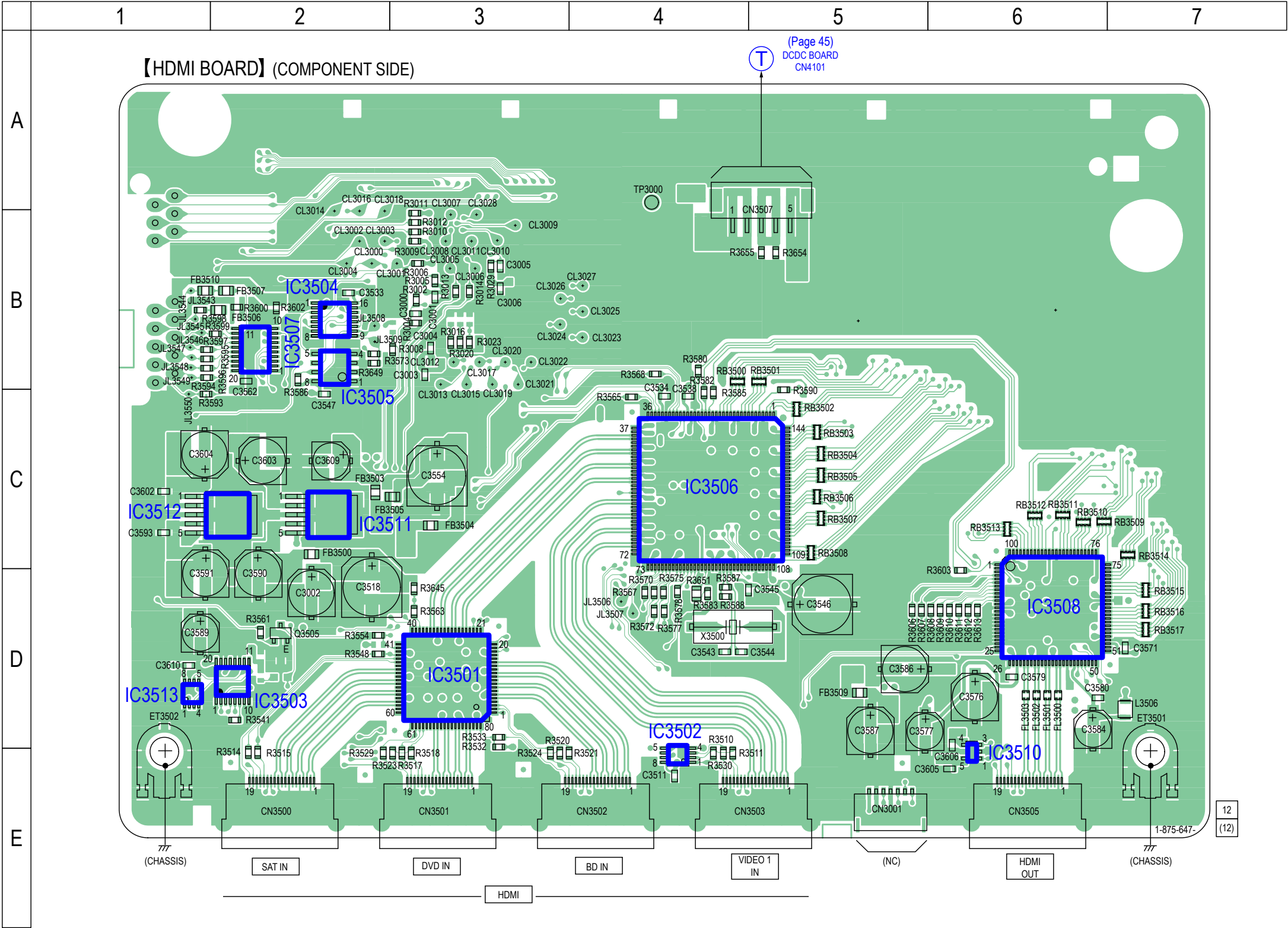


6-9. SCHEMATIC DIAGRAM - MAIN Board (3/3) -



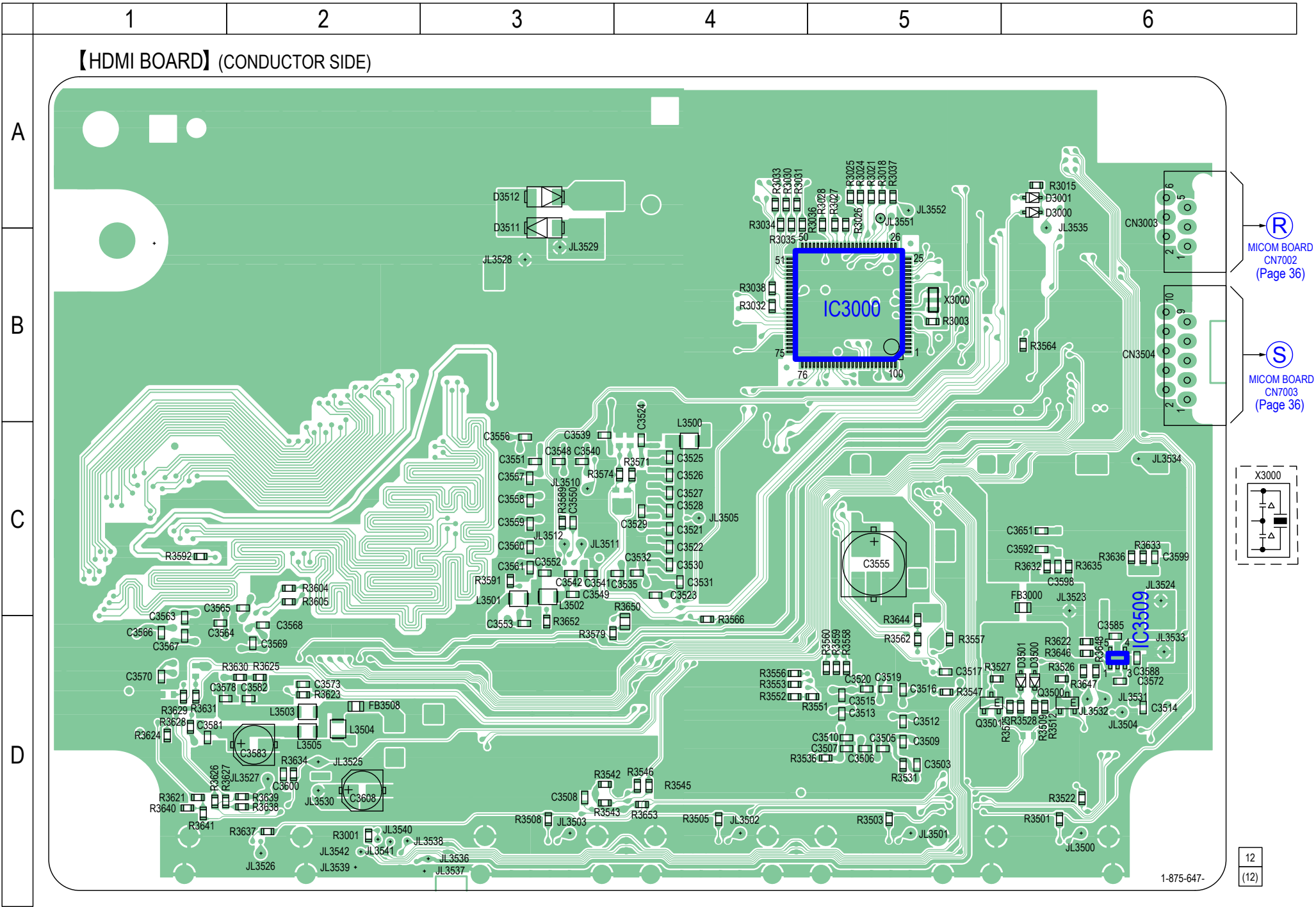
6-10. PRINTED WIRING BOARD - HDMI Board (Component Side) - • See page 19 for Circuit Boards Location. •  : Uses unleaded solder.

Semiconductor Location	
Ref. No.	Location
IC3501	D-3
IC3502	E-4
IC3503	D-2
IC3504	B-2
IC3505	B-2
IC3506	C-4
IC3507	B-2
IC3508	D-6
IC3510	E-10
IC3511	C-2
IC3512	C-2
IC3513	D-1
Q3505	D-2



Note: When IC3506 and IC3508 cannot exchange with single. When IC3506 and IC3508 are damaged, exchange the entire mounted board.

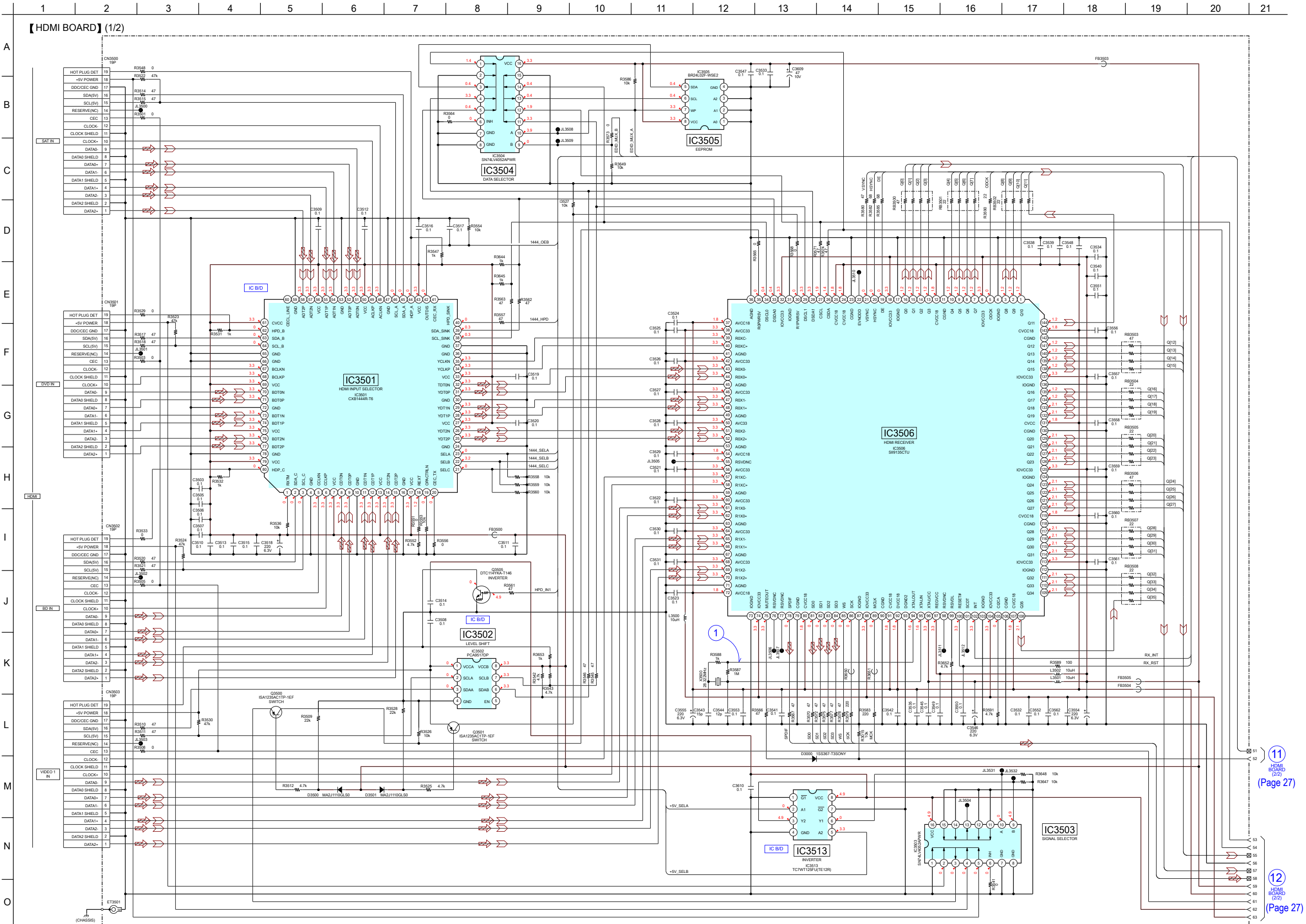
6-11. PRINTED WIRING BOARD - HDMI Board (Conductor Side) - • See page 19 for Circuit Boards Location. •  : Uses unleaded solder.



• Semiconductor Location

Ref. No.	Location
D3000	A-6
D3001	A-6
D3500	D-6
D3501	D-6
D3511	A-3
D3512	A-3
IC3000	B-5
IC3509	D-6
Q3500	D-6
Q3501	D-5

6-12. SCHEMATIC DIAGRAM - HDMI Board (1/2) - • See page 48 for Waveforms. • See page 48 for IC Block Diagrams. • See page 56 for IC Pin Function Description.



Note: When IC3506 cannot exchange with single. When IC3506 is damaged, exchange the entire mounted board.

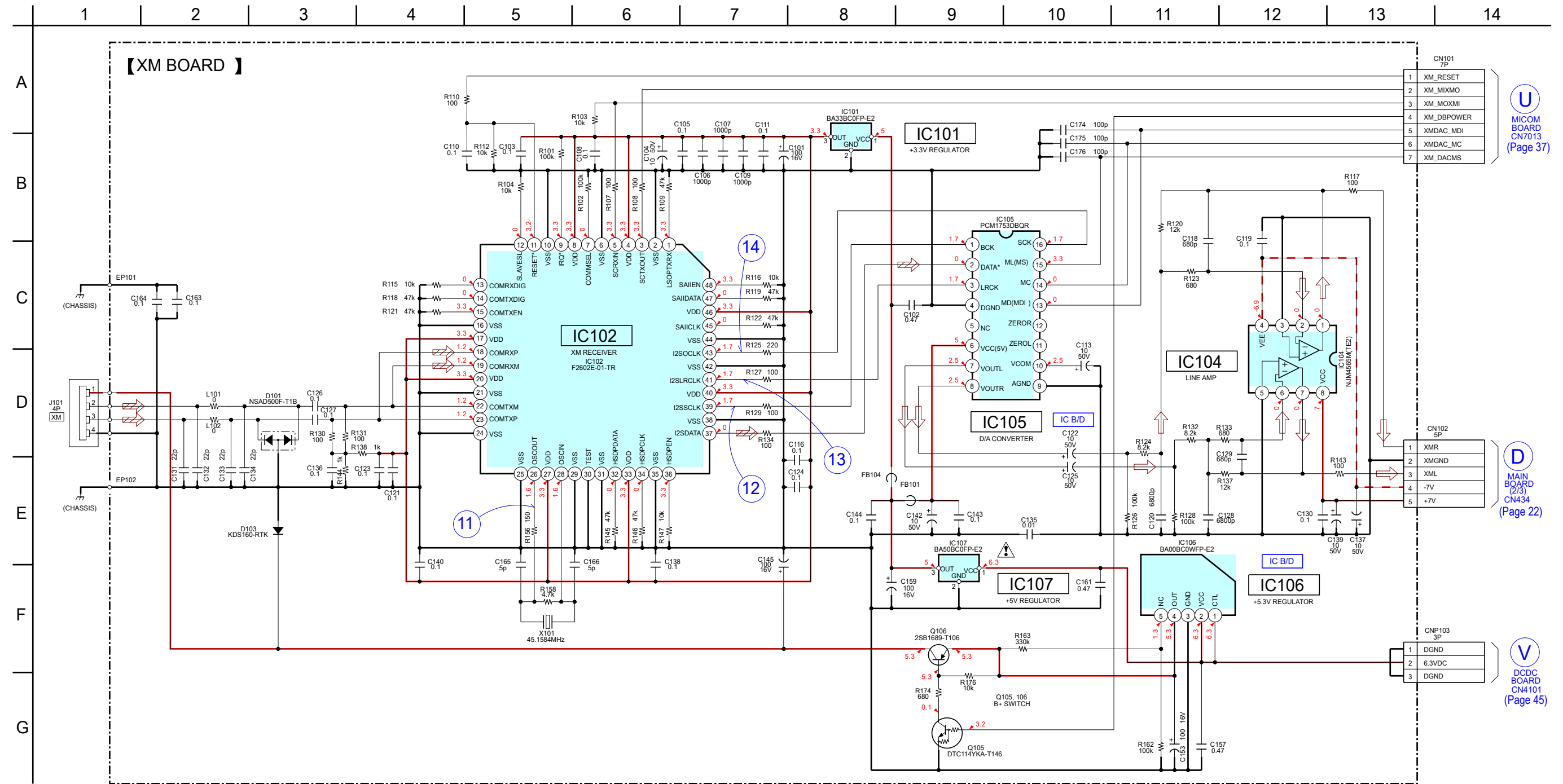
11
HDMI BOARD (2/2)
(Page 27)

12
HDMI BOARD (2/2)
(Page 27)

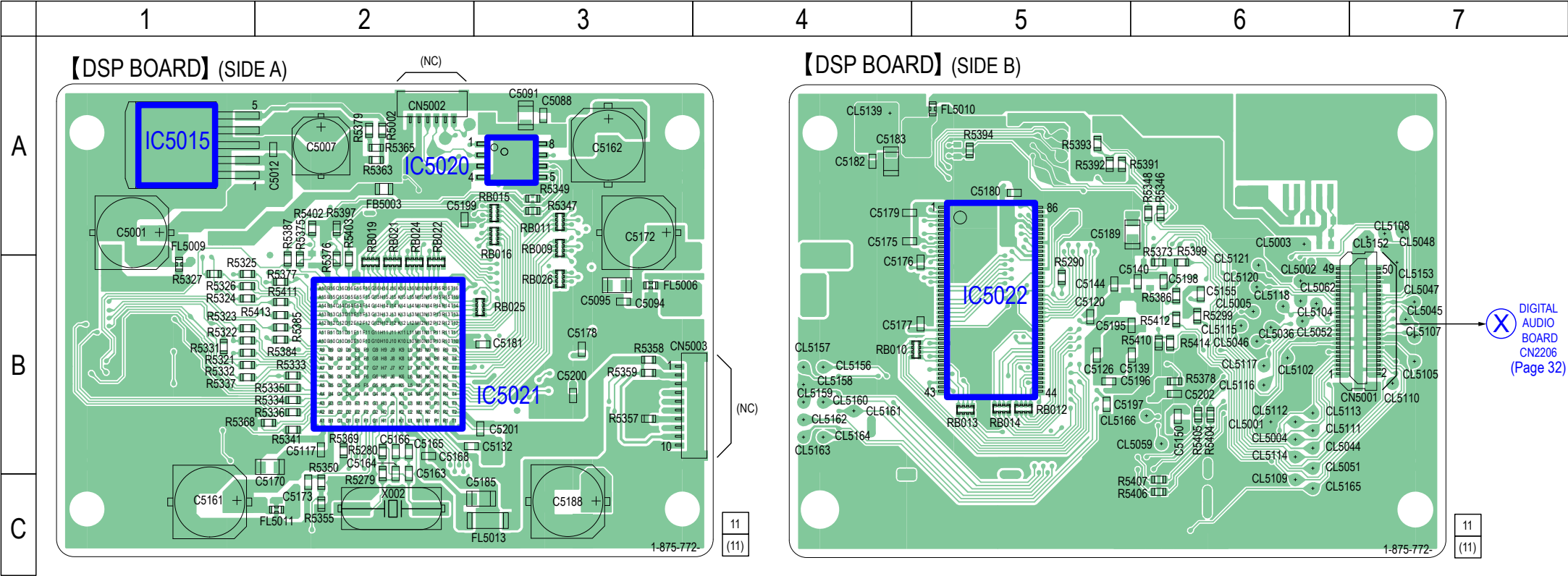
Note: When IC3508 cannot exchange with single. When IC3508 is damaged, exchange the entire mounted board.

[illegible]

6-15. SCHEMATIC DIAGRAM - XM Board (US, Canadian models) - • See page 48 for Waveforms. • See page 48 for IC Block Diagrams. • See page 56 for IC Pin Function Description.

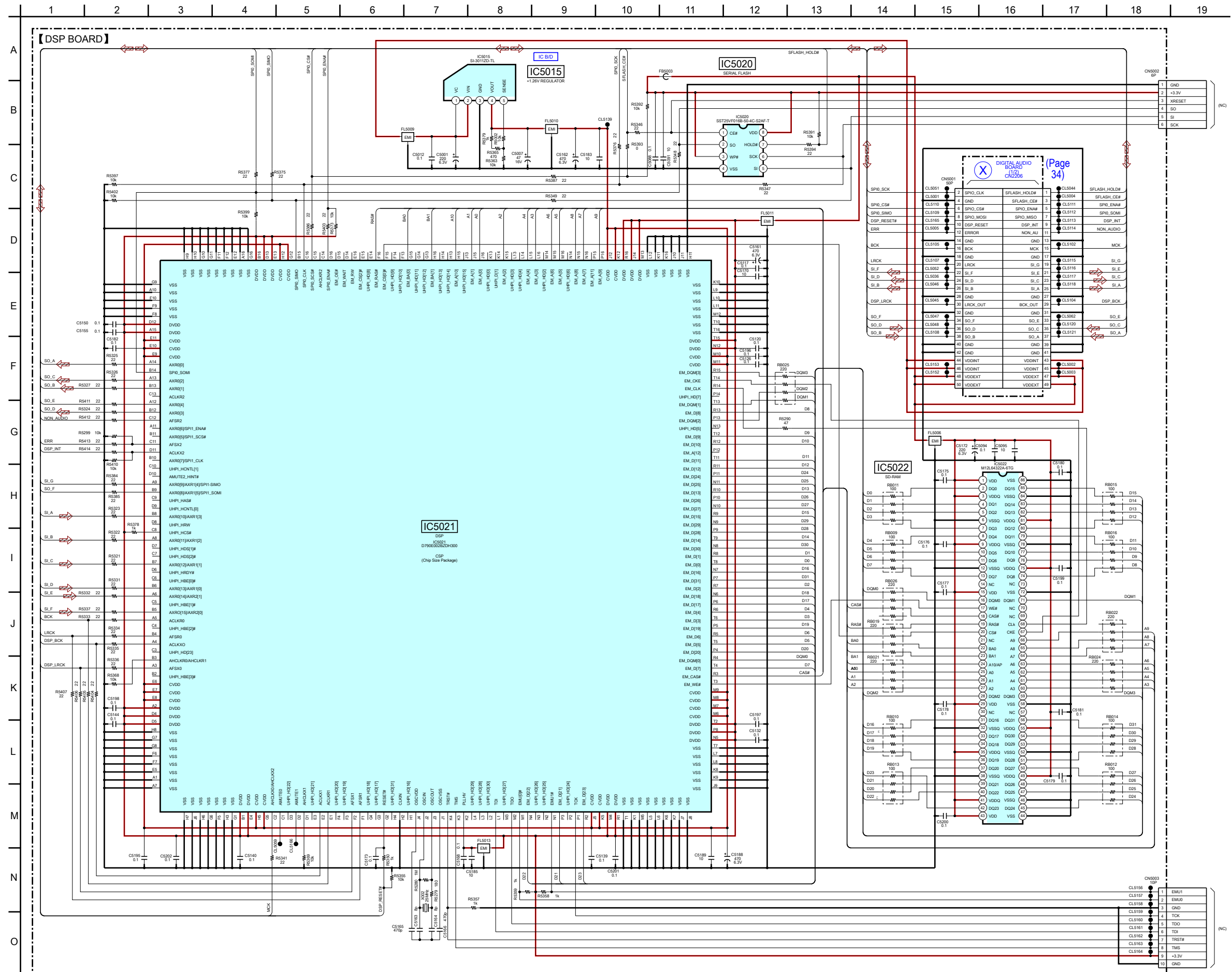


6-16. PRINTED WIRING BOARD - DSP Board - • See page 19 for Circuit Boards Location. •  : Uses unleaded solder.



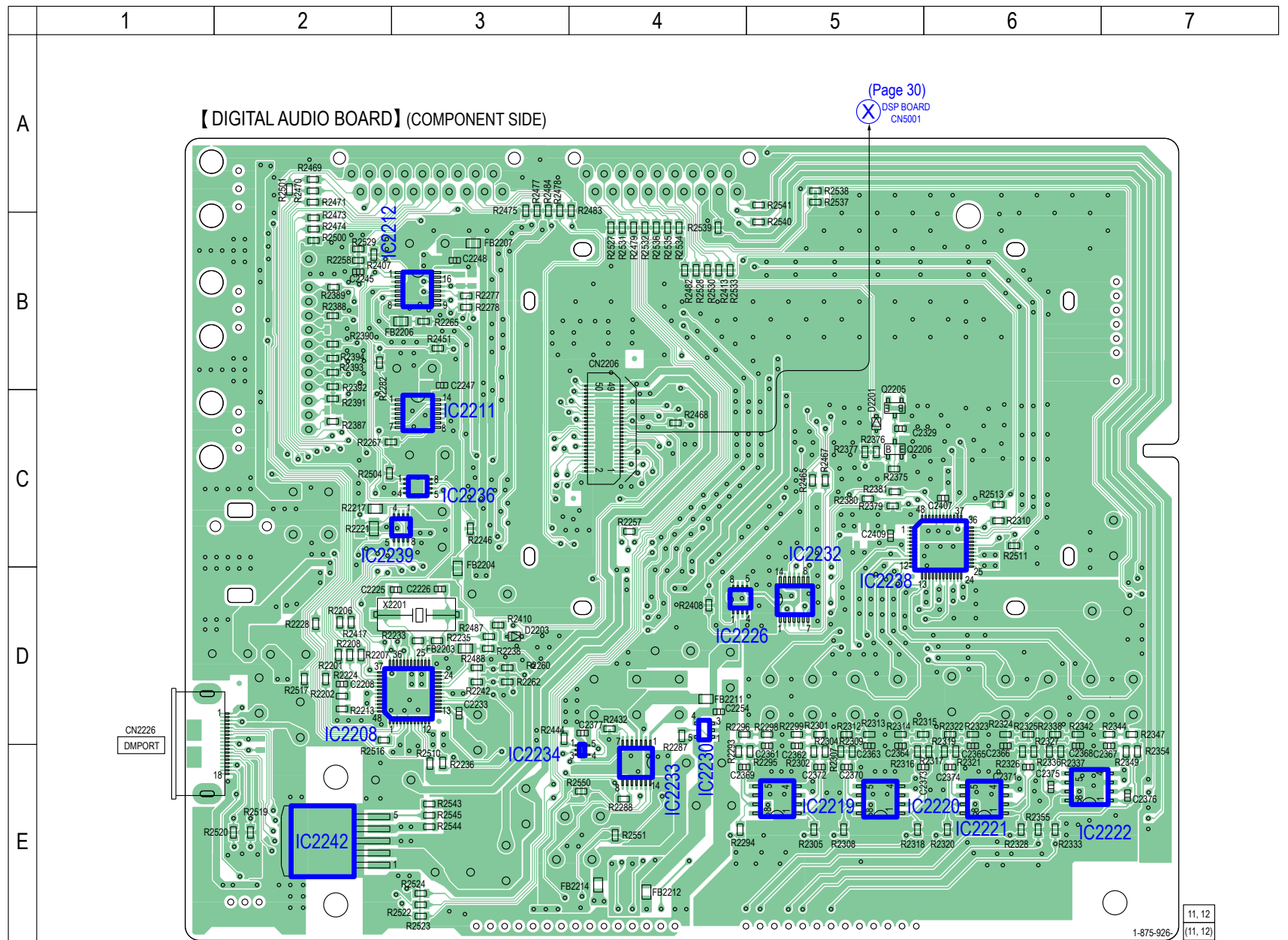
Note: When IC5021 cannot exchange with single. When IC5021 is damaged, exchange the entire mounted board.

6-17. SCHEMATIC DIAGRAM - DSP Board - • See page 48 for IC Block Diagrams. • See page 56 for IC Pin Function Description.



Note: When IC5021 cannot exchange with single. When IC5021 is damaged, exchange the entire mounted board.

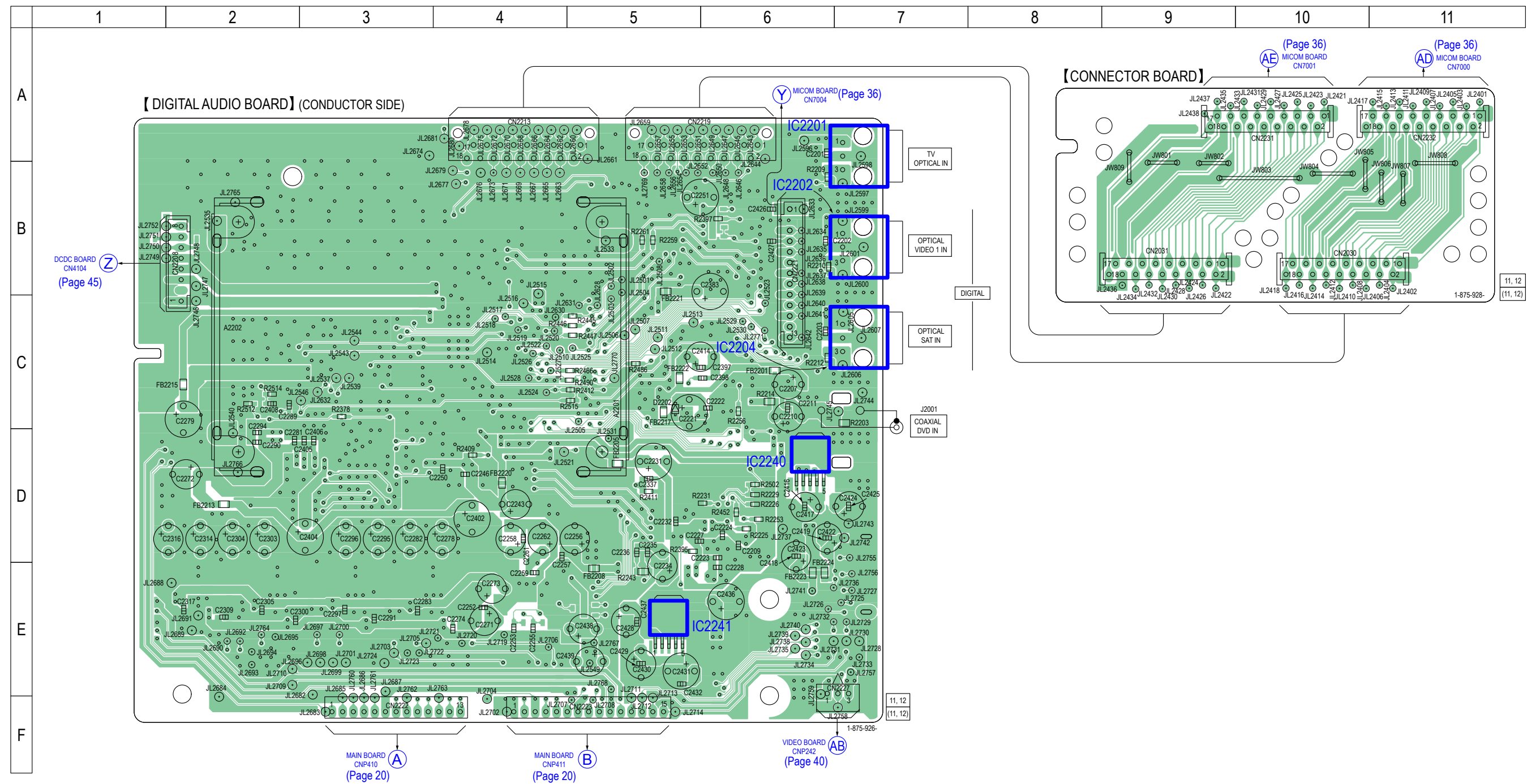
- : Uses unleaded solder.



- **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D2201	C-5	IC2211	C-3	IC2221	E-6	IC2232	D-5	IC2238	C-6	Q2205 Q2206	C-5 C-5
D2203	D-3	IC2212	B-3	IC2222	E-6	IC2233	E-4	IC2239	C-3		
		IC2219	E-5	IC2226	D-4	IC2234	E-4				
IC2208	D-3	IC2220	E-5	IC2230	D-4	IC2236	C-3	IC2242	E-2		

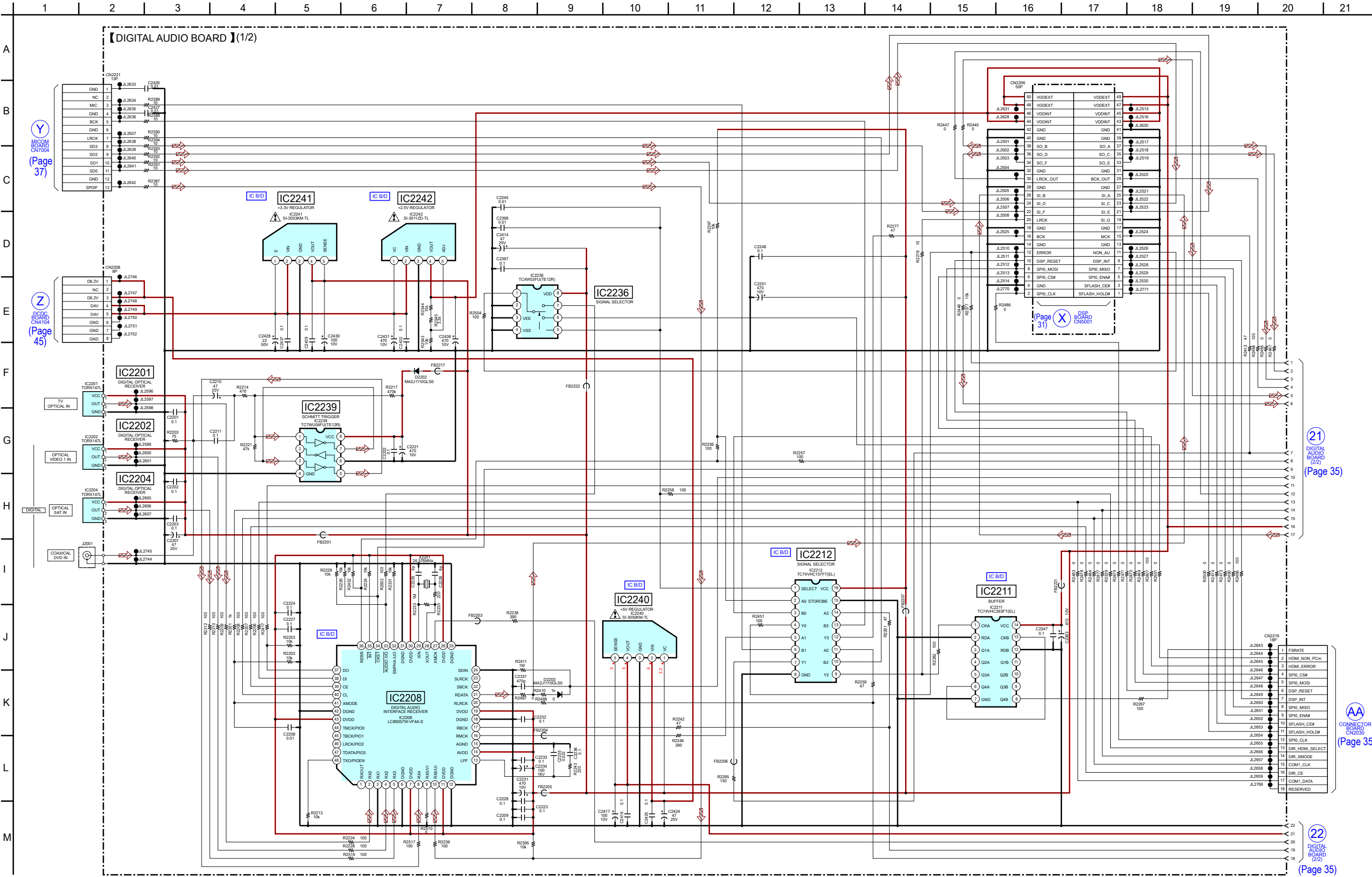
6-19. PRINTED WIRING BOARD - DIGITAL AUDIO Section (2/2) - • See page 19 for Circuit Boards Location. • : Uses unleaded solder.



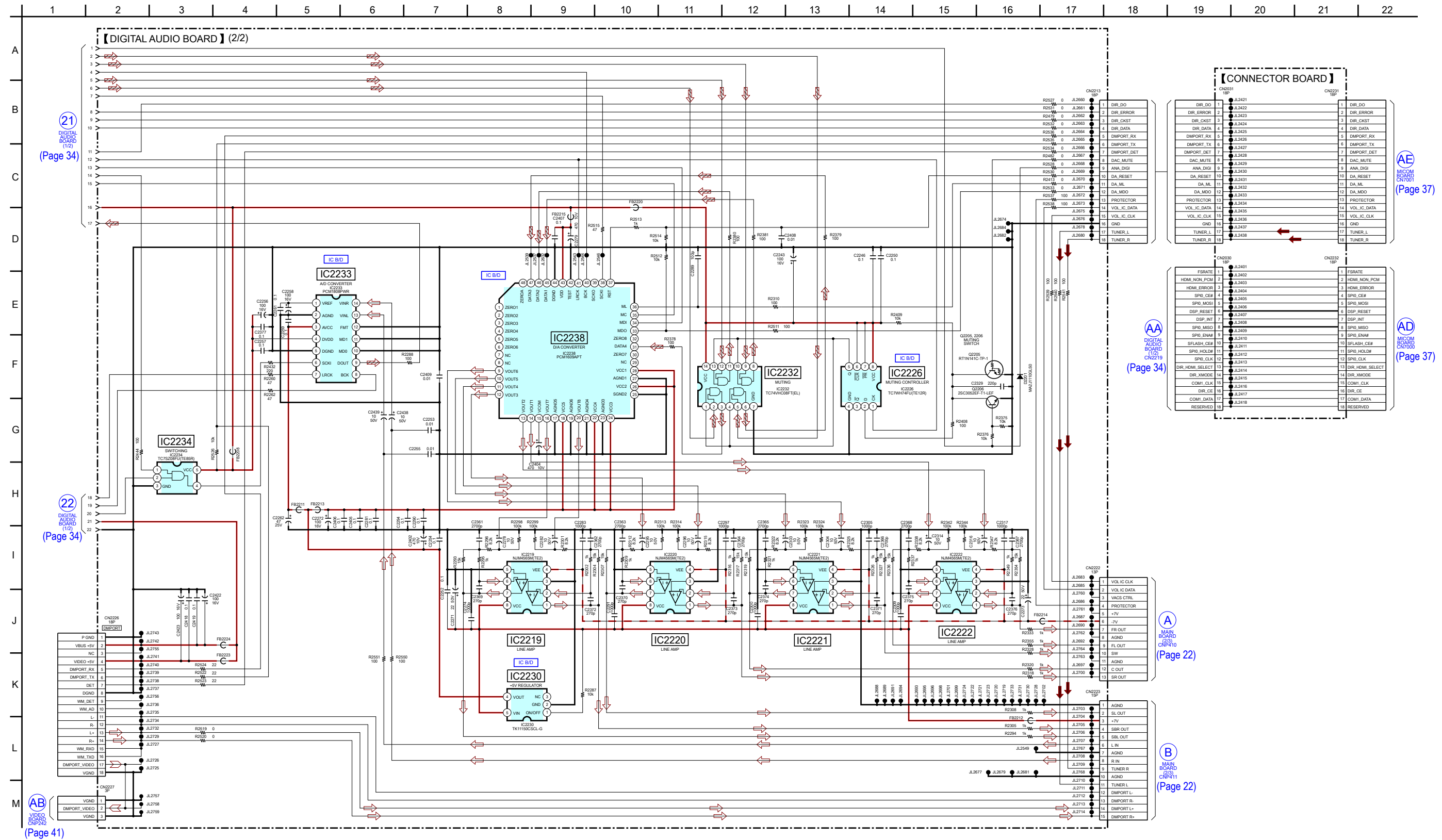
- **Semiconductor Location**

Ref. No.	Location
D2202	C-5
IC2201	A-7
IC2202	B-7
IC2204	C-7
IC2240	D-6
IC2241	E-5

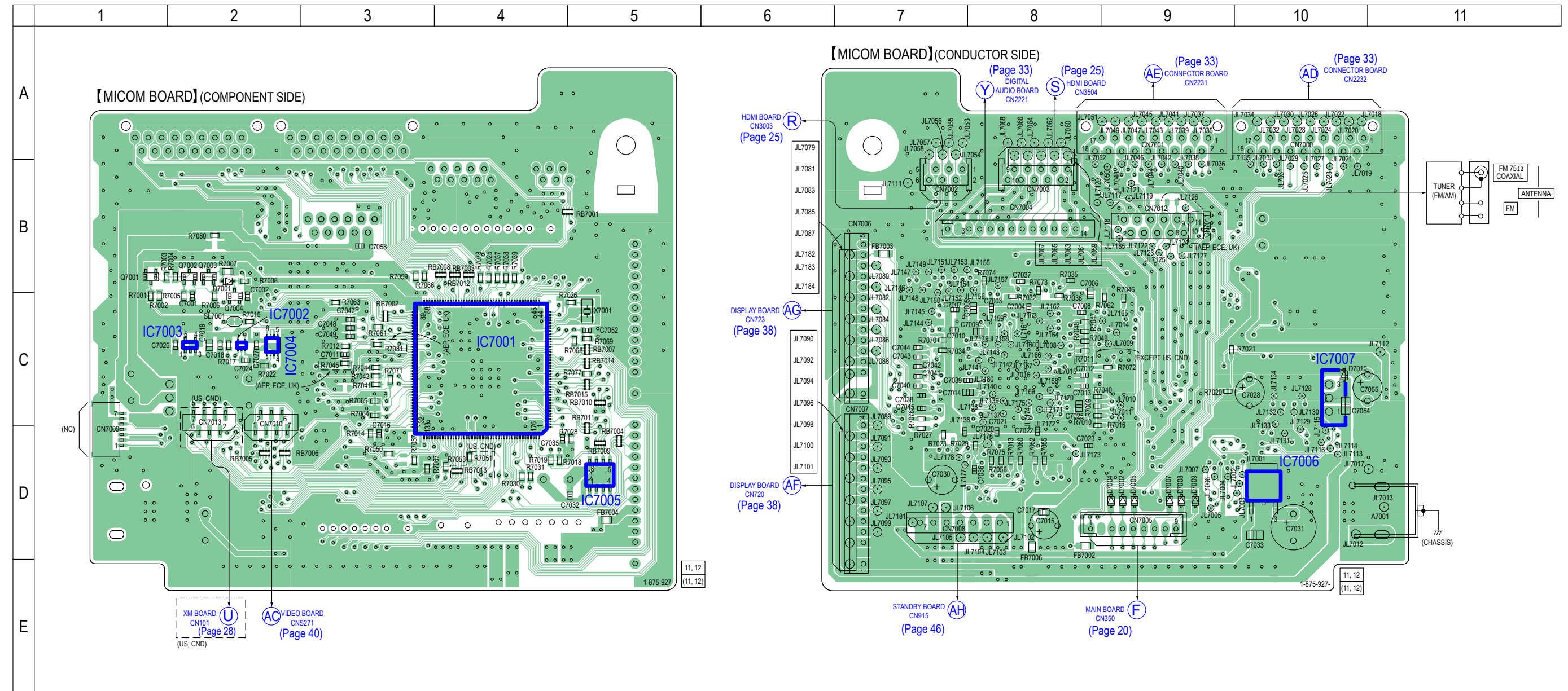
6-20. SCHEMATIC DIAGRAM - DIGITAL AUDIO Section (1/2) - • See page 48 for IC Block Diagrams.



6-21. SCHEMATIC DIAGRAM - DIGITAL AUDIO Section (2/2) - •See page 48 for IC Block Diagrams.



6-22. PRINTED WIRING BOARD - MICOM Board - • See page 19 for Circuit Boards Location. • : Uses unleaded solder.

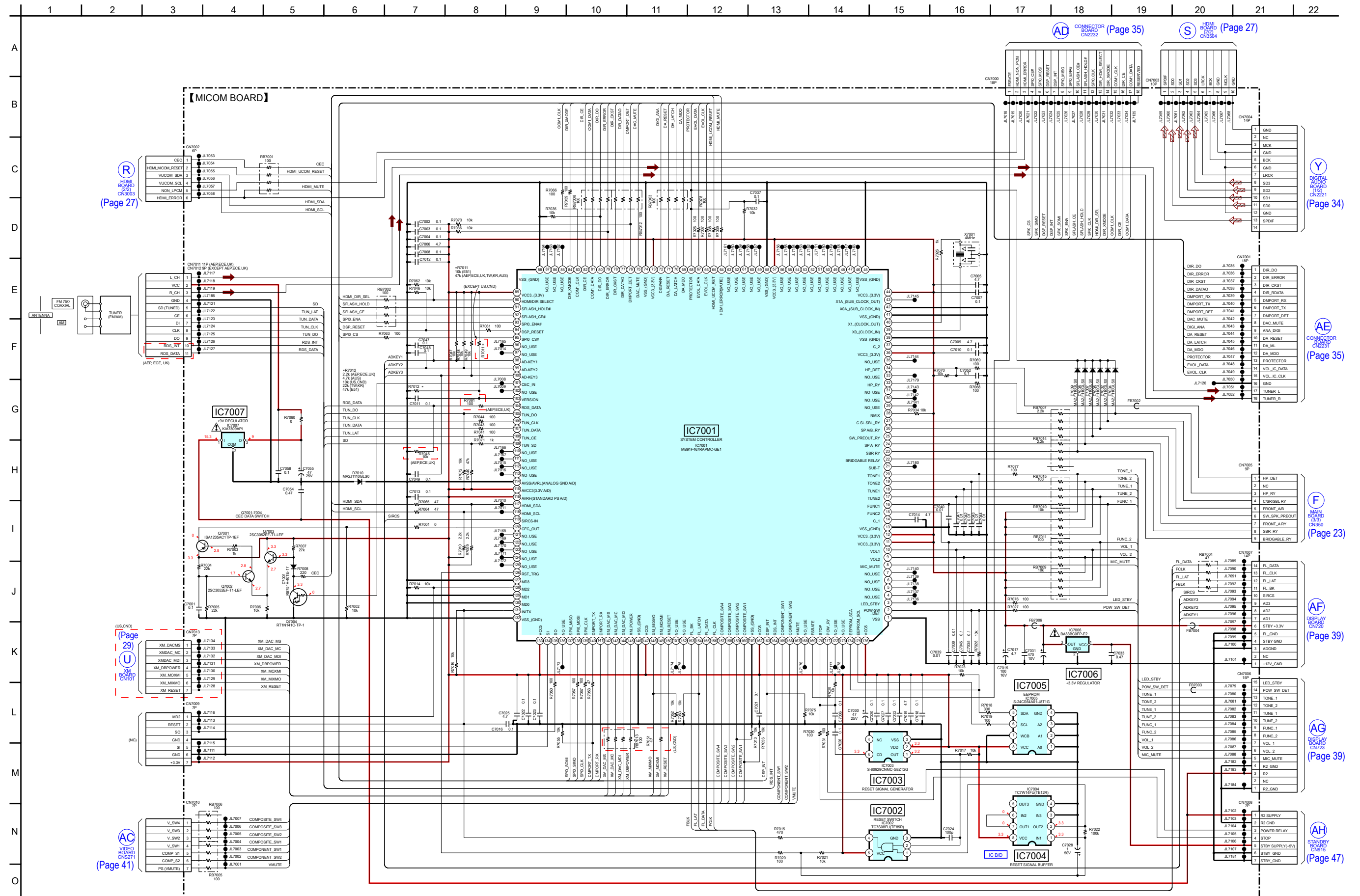


- **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D7001	B-2	D7008	D-9	IC7002	C-2	IC7007	C-10	Q7004	C-2
D7002	D-9	D7009	D-9	IC7003	C-2				
D7004	D-9	D7010	C-10	IC7004	C-2	Q7001	B-1		
D7005	D-9			IC7005	D-5	Q7002	B-2		
D7007	D-9	IC7001	C-4	IC7006	D-10	Q7003	B-2		

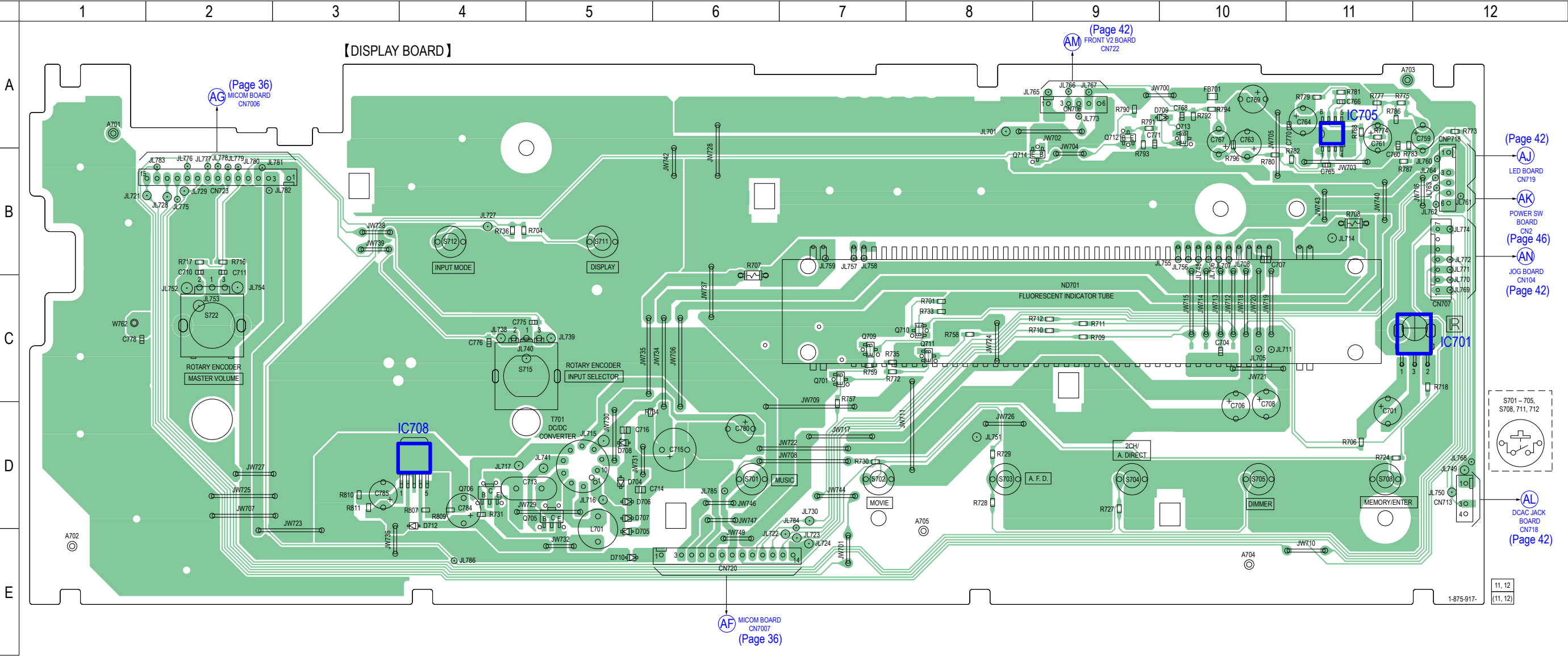
Note: When IC7005 cannot exchange with single. When IC7005 is damaged, exchange the entire mounted board.

6-23. SCHEMATIC DIAGRAM - MICOM Board - • See page 48 for IC Block Diagrams. • See page 56 for IC Pin Function Description.



Note: When IC7005 cannot exchange with single. When IC7005 is damaged, exchange the entire mounted board.

6-24. PRINTED WIRING BOARD - DISPLAY Board - • See page 19 for Circuit Boards Location. •  : Uses unleaded solder.



• Semiconductor Location

Ref. No.	Location
D704	D-5
D705	E-5
D706	D-5
D707	D-5
D708	D-5
D709	A-10
D710	E-5
D712	D-4
IC701	C-12
IC705	A-11
IC708	D-4
Q701	C-7
Q705	D-5
Q706	D-4
Q709	C-7
Q710	C-8
Q711	C-8
Q712	A-9
Q713	A-10
Q714	B-9

39



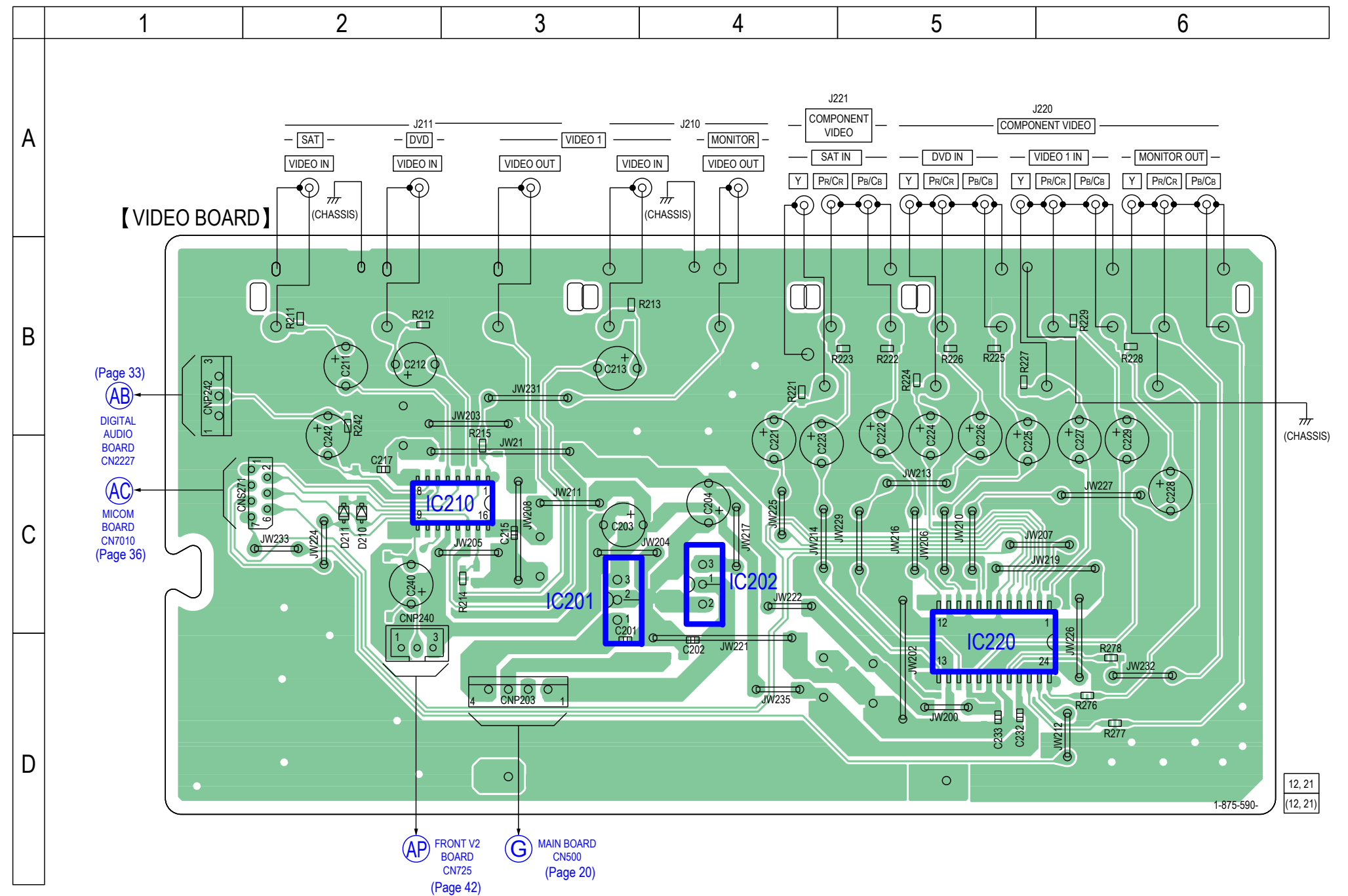
6-26. PRINTED WIRING BOARD - VIDEO Board -

- See page 19 for Circuit Boards Location.

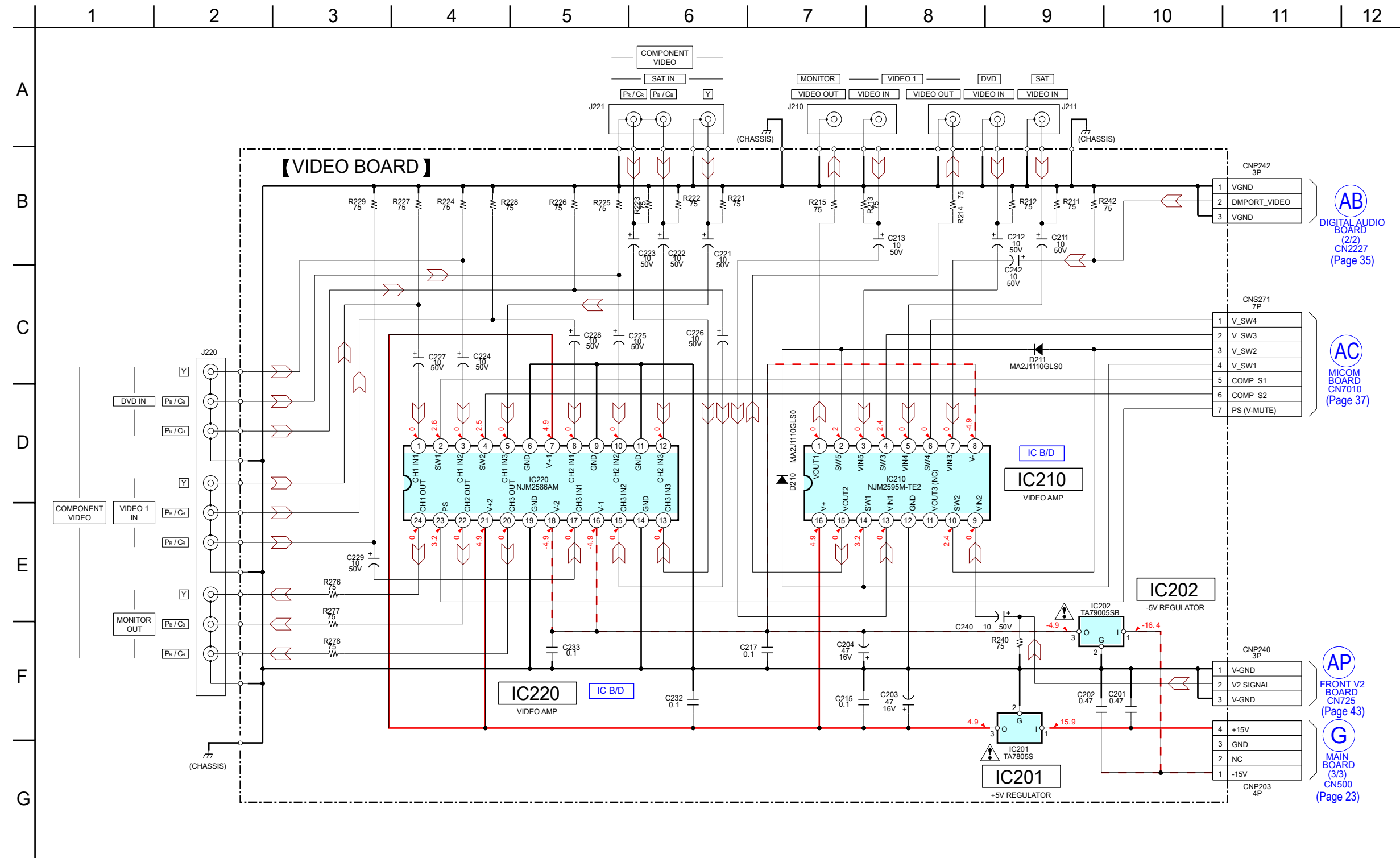
4

: Uses unleaded solder.

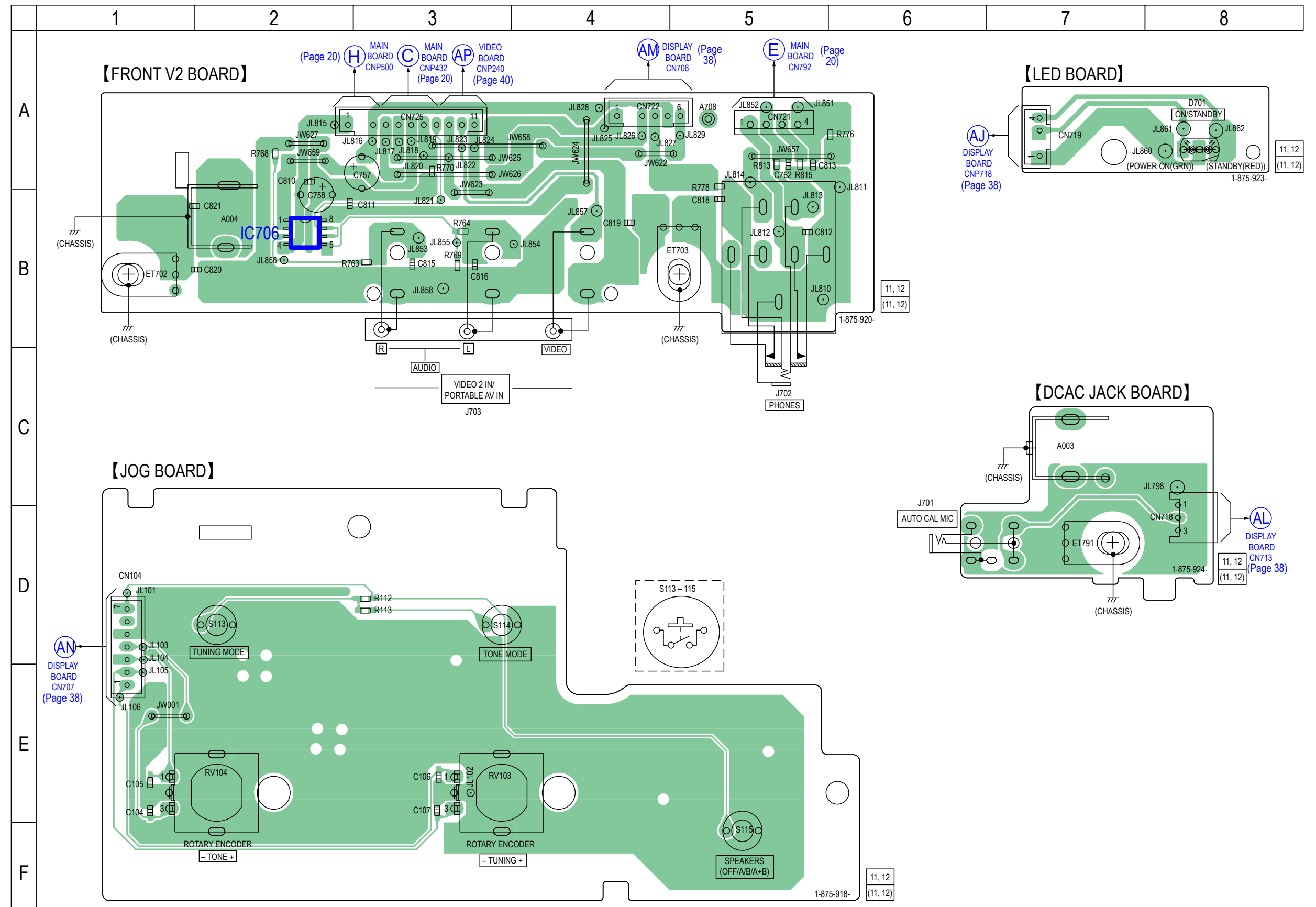
Ref. No.	Location
D210	C-2
D211	C-2
IC201	C-3
IC202	C-4
IC210	C-3
IC220	D-5



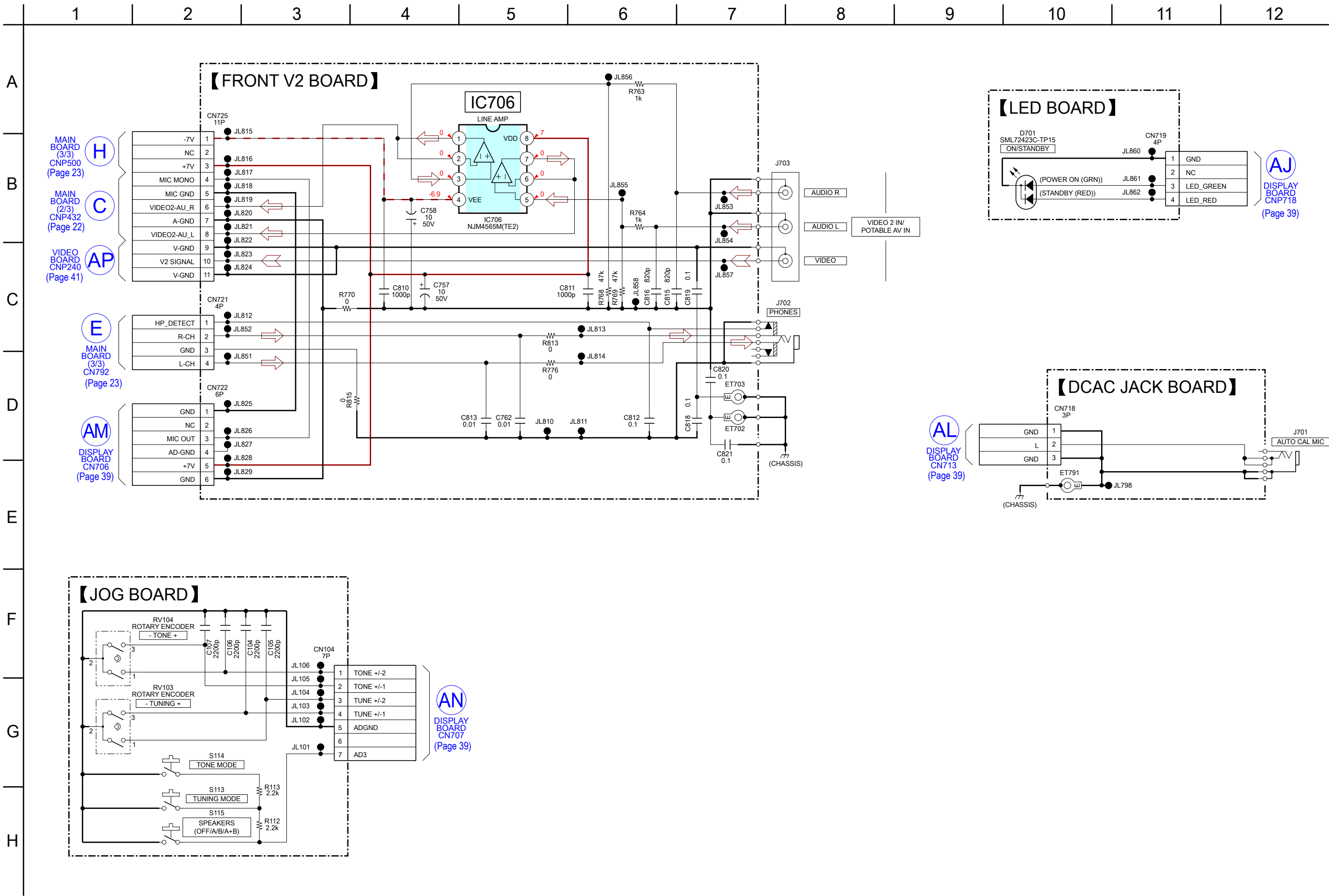
6-27. SCHEMATIC DIAGRAM - VIDEO Board - • See page 48 for IC Block Diagrams.



6-28. PRINTED WIRING BOARDS - PANEL Section - • See page 19 for Circuit Boards Location. • : Uses unleaded solder.

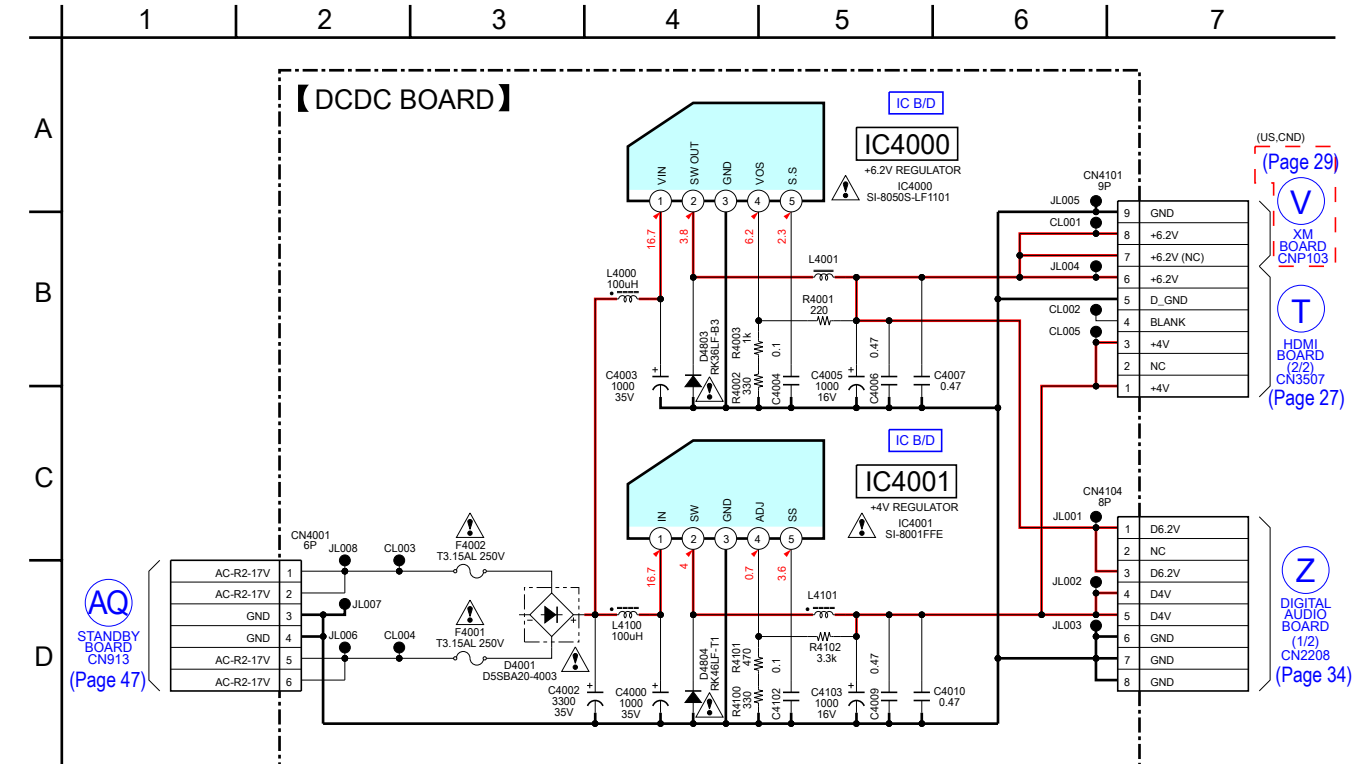


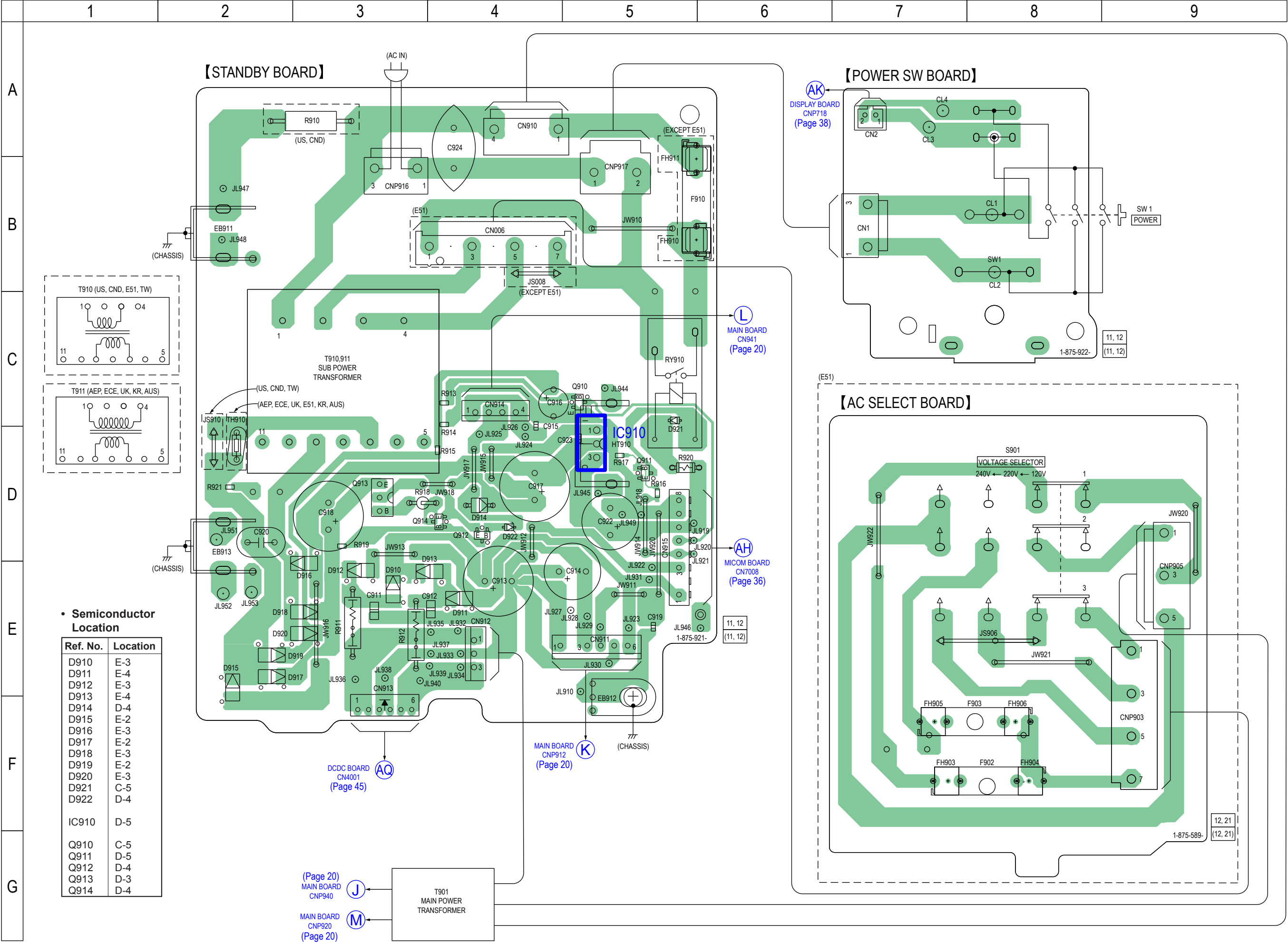
6-29. SCHEMATIC DIAGRAM - PANEL Section -



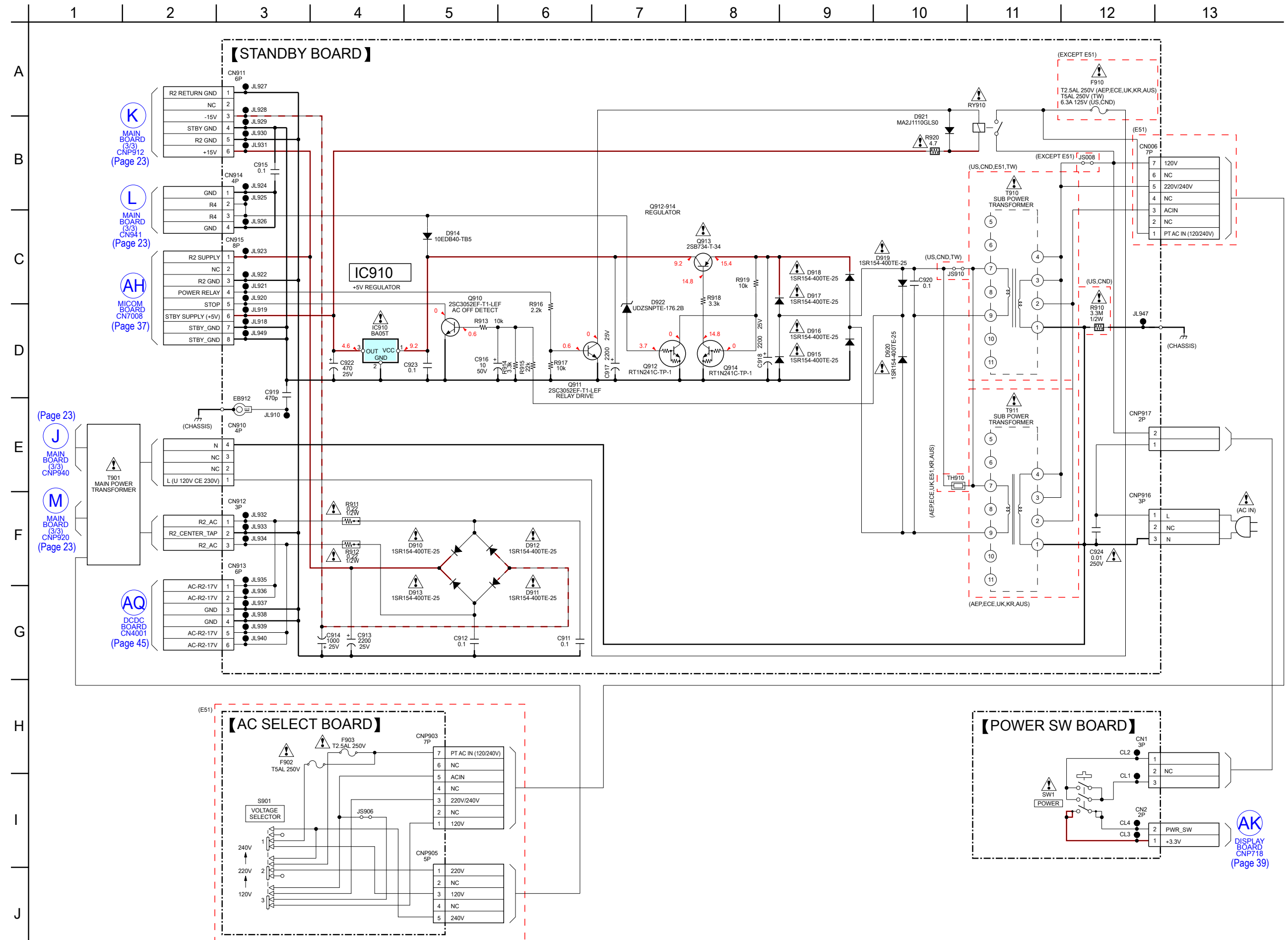
6-33. SCHEMATIC DIAGRAM - DCDC Board -

- See page 48 for IC Block Diagrams.

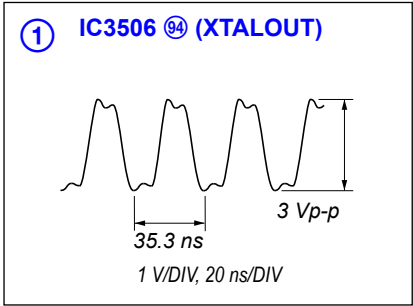




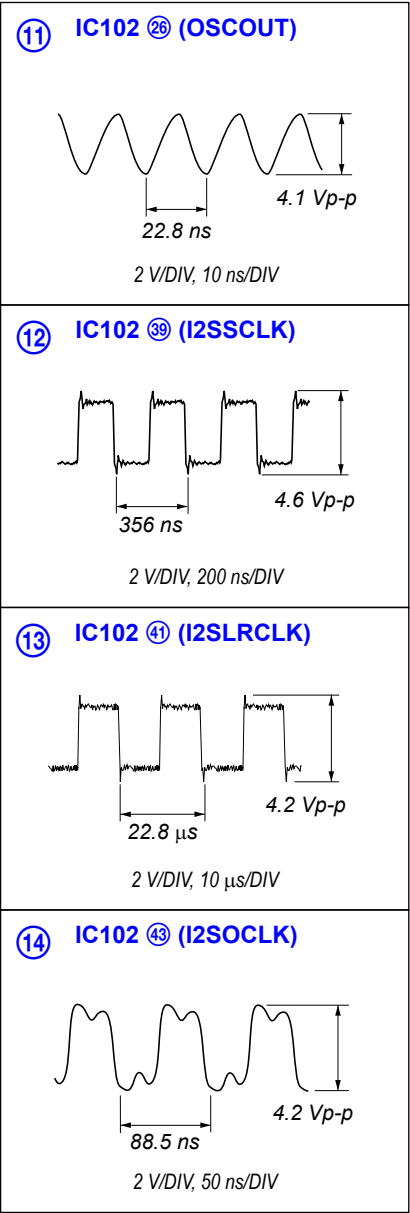
6-35. SCHEMATIC DIAGRAM - POWER Section -



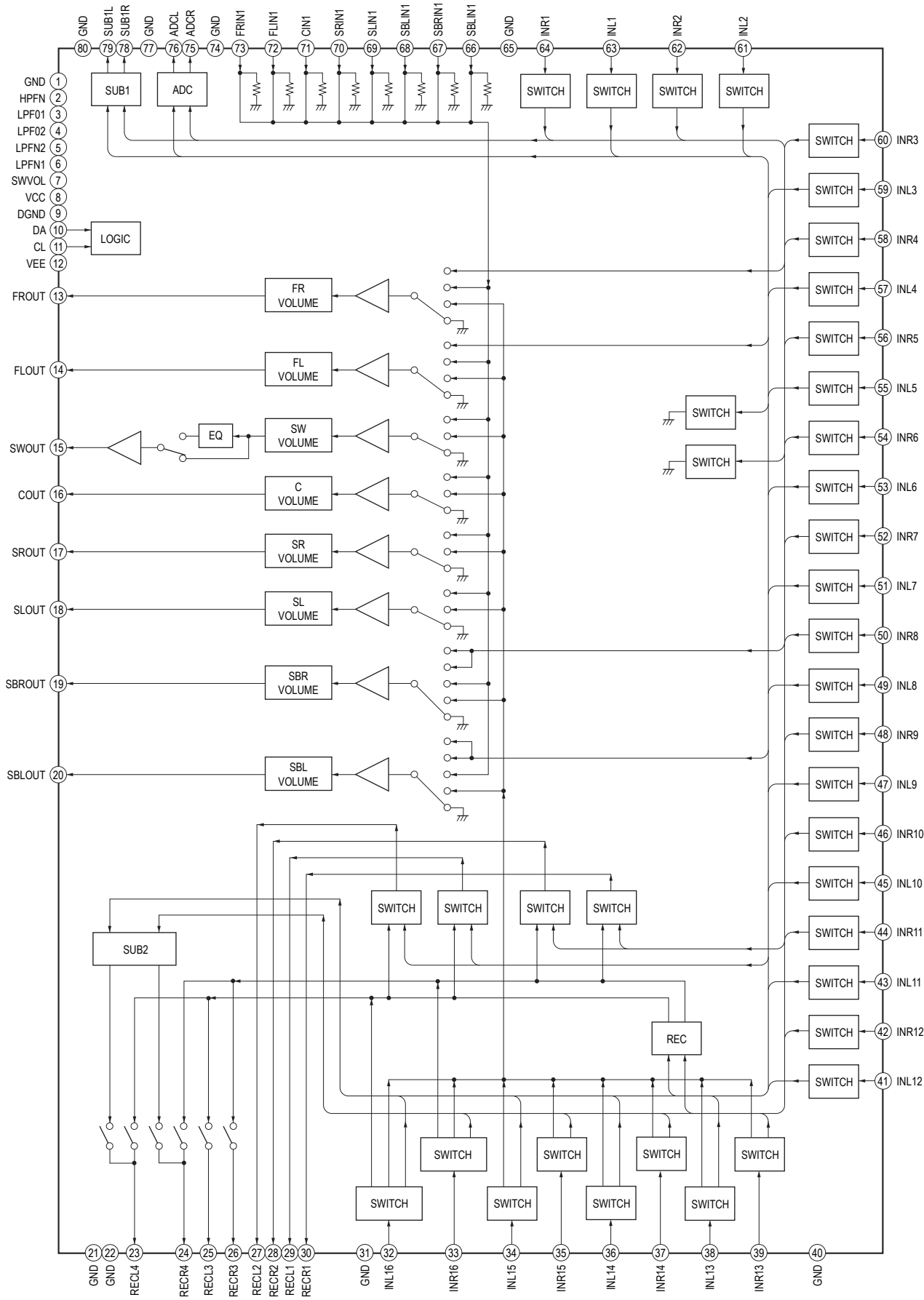
• Waveforms
– HDMI Board –

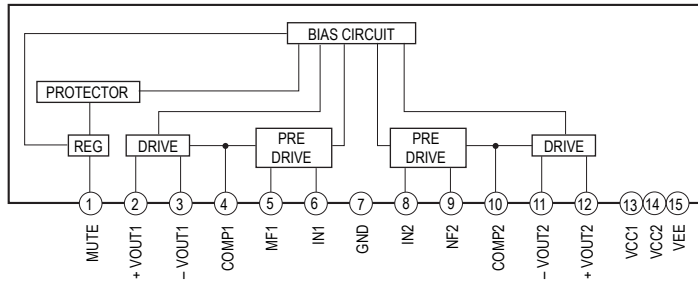
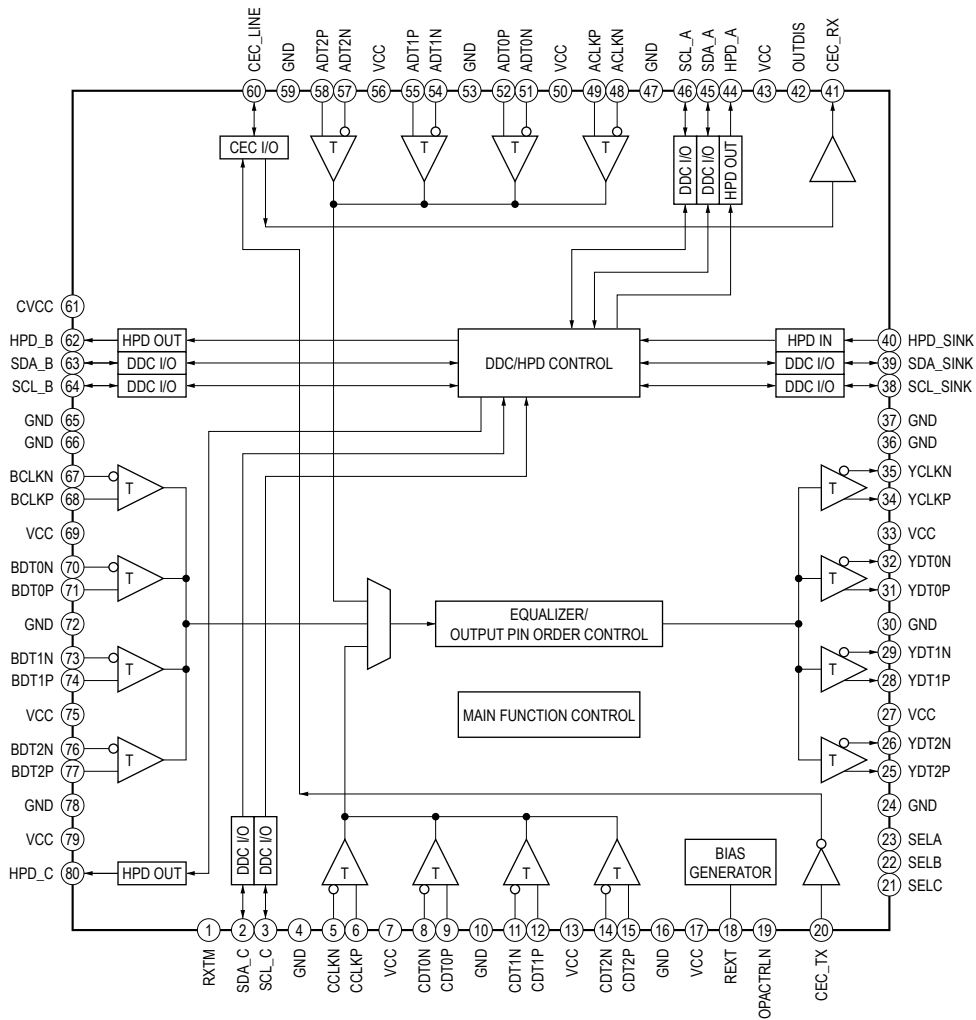


– XM Board –

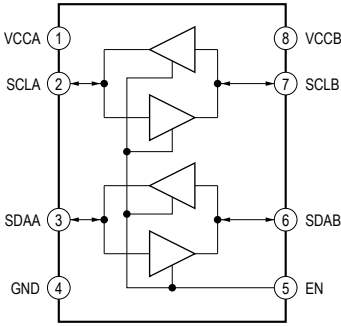


• IC Block Diagrams
– MAIN Board –
IC400 BD3471KS2

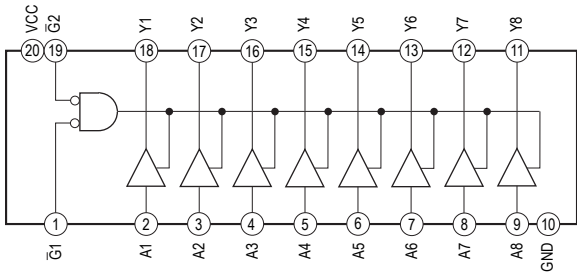


IC500, 600, 700, 800 μ PC2581V-S– HDMI Board –
IC3501 CXB1444R-T6

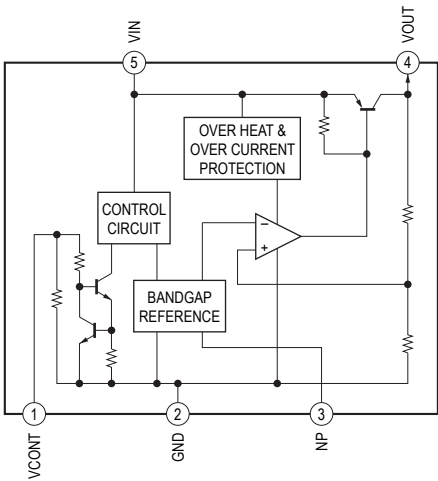
IC3502 PCA9517DP.118



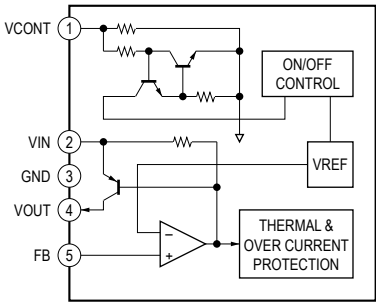
IC3507 TC74VHC541FT(EL)



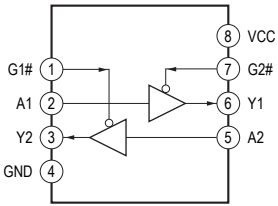
IC3509, 3510 TK11150CSCL-G



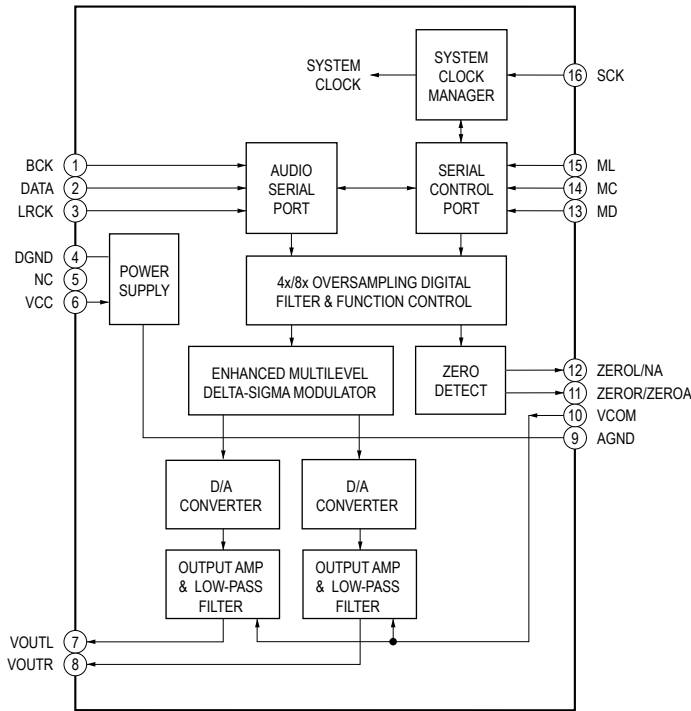
IC3511, 3512 TK73400AU3G0L-C

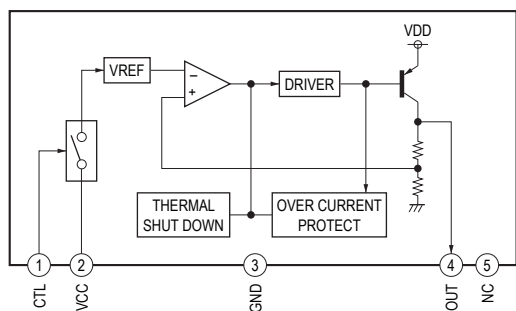
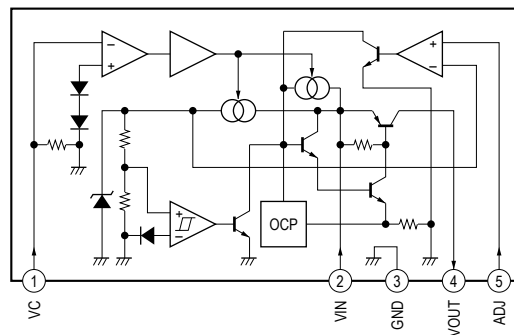
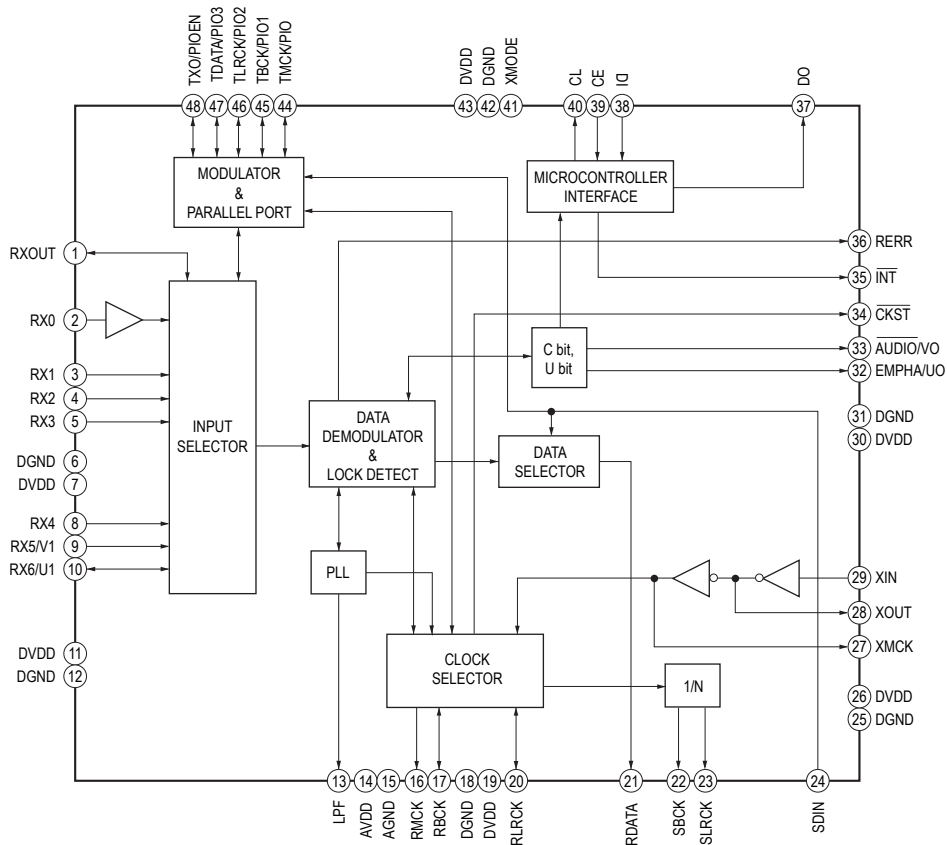
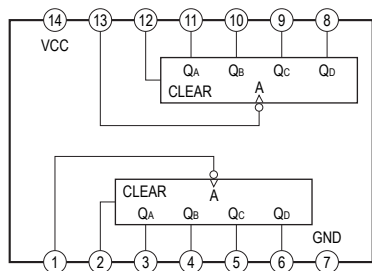
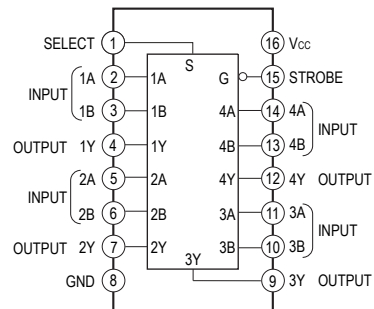


IC3513 TC7WT125FU (TE12R)

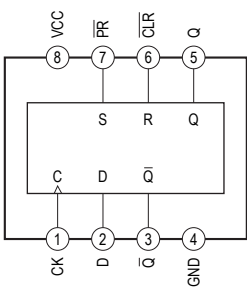


– XM Board –
IC105 PCM1753DBQR

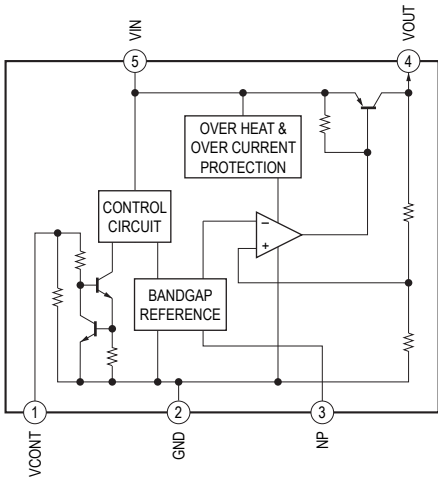


IC106 BA00BC0WFP-E2**– DSP Board –****IC5015 SI-3011ZD-TL****– DIGITAL AUDIO Board –****IC2208 LC89057W-VF4A-E****IC2211 TC74VHC393FT (EL)****IC2212 TC74VHC157FT (EL)**

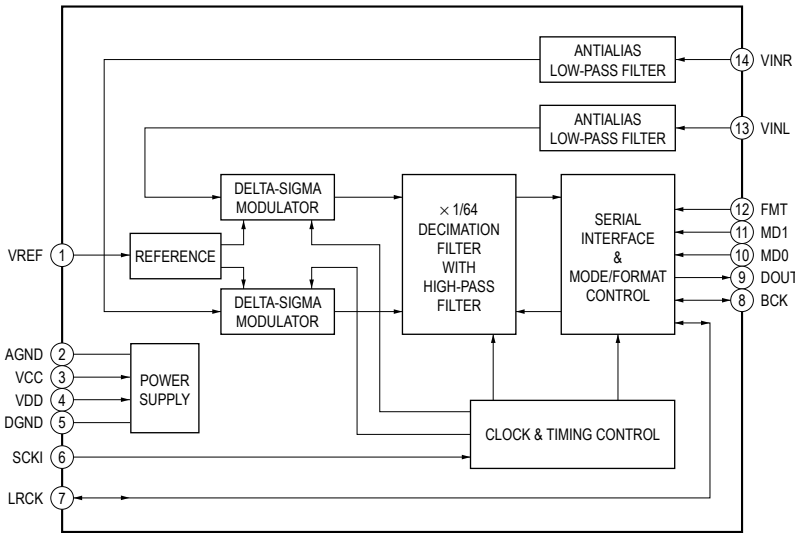
IC2226 TC7WH74FU (TE12R)

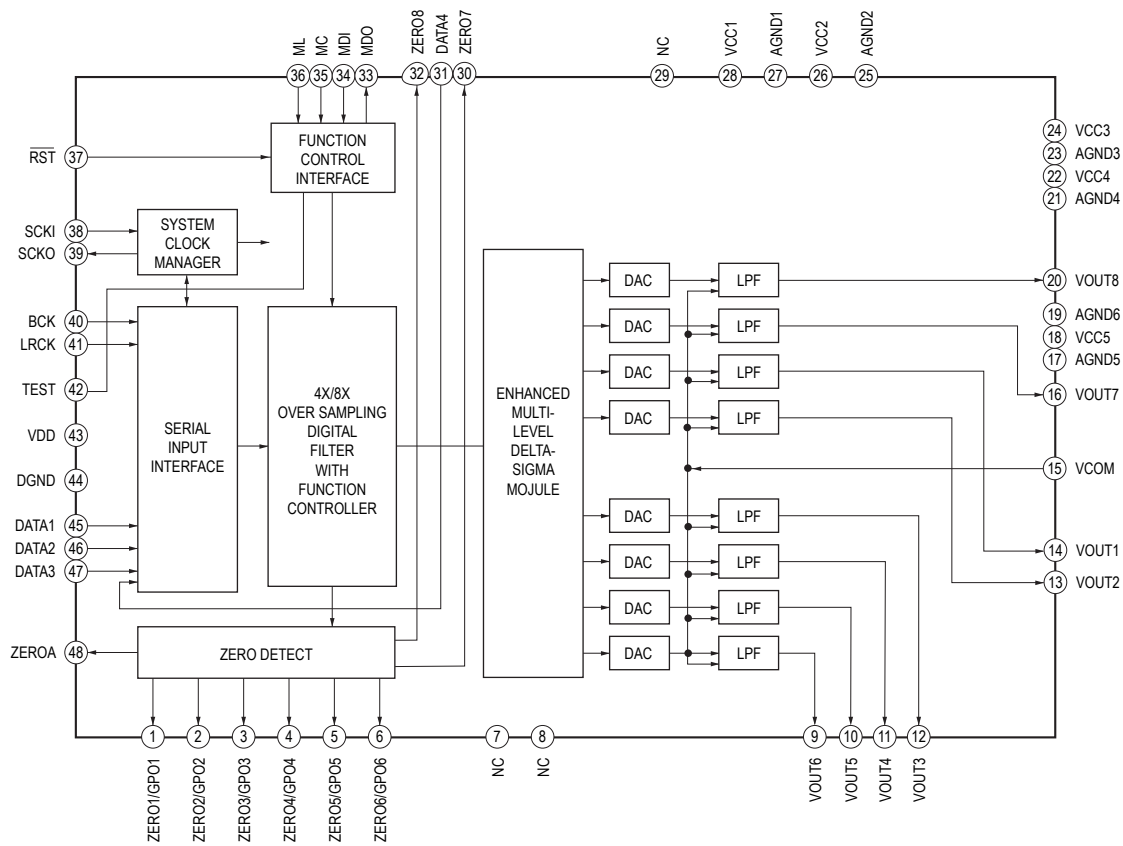
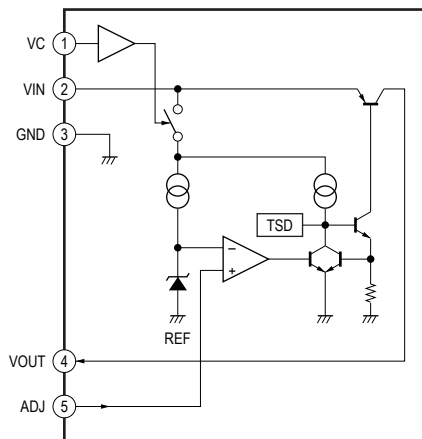
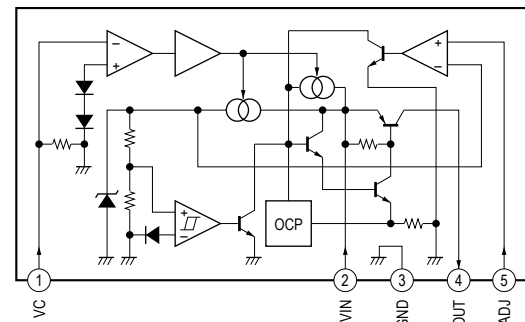


IC2230 TK11150CSCL-G



IC2233 PCM1808PWR

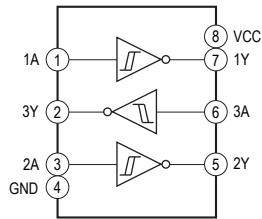


IC2238 PCM1609APT
IC2240 SI-3050KM-TLS
IC2241 SI-3033KM-TL
**IC2242 SI-3011ZD-TL**

STR-DG820

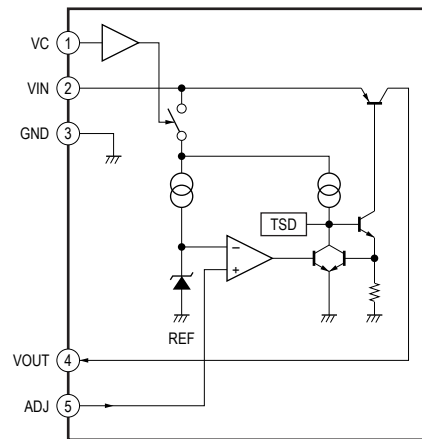
– MICOM Board –

IC7004 TC7W14FU (TE12R)



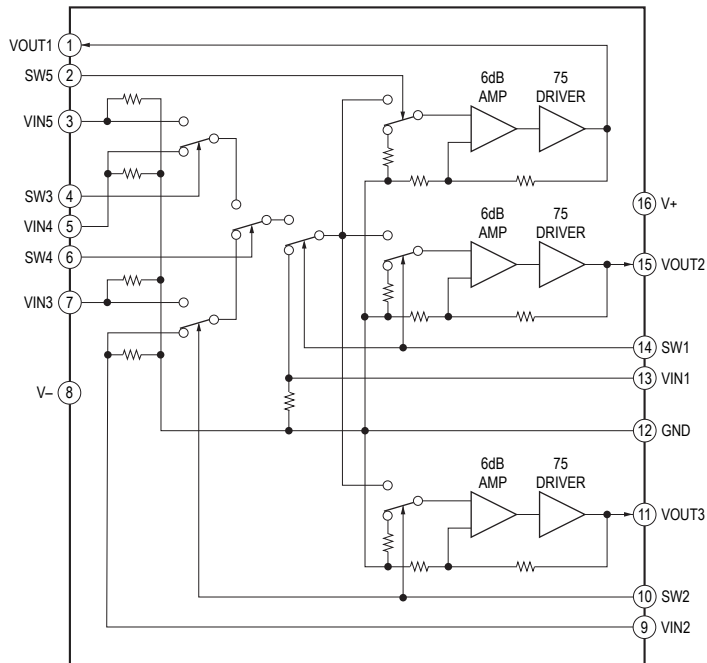
– DISPLAY Board –

IC708 SI-3010KM-TL

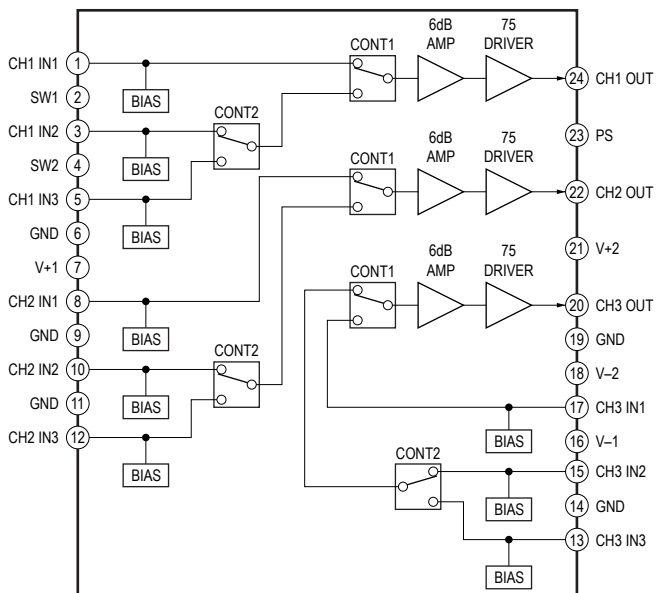


– VIDEO Board –

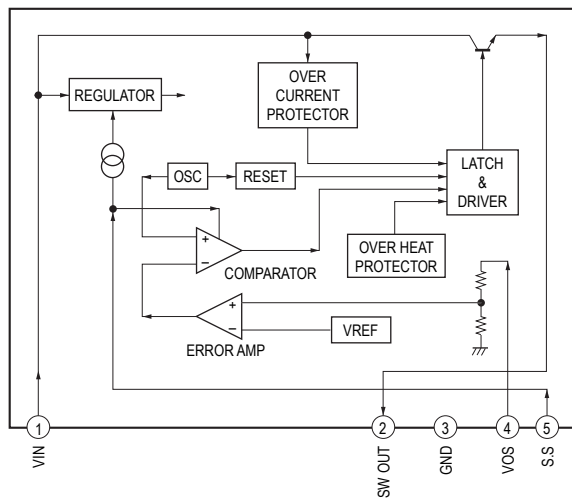
IC210 NJM2595M-TE2



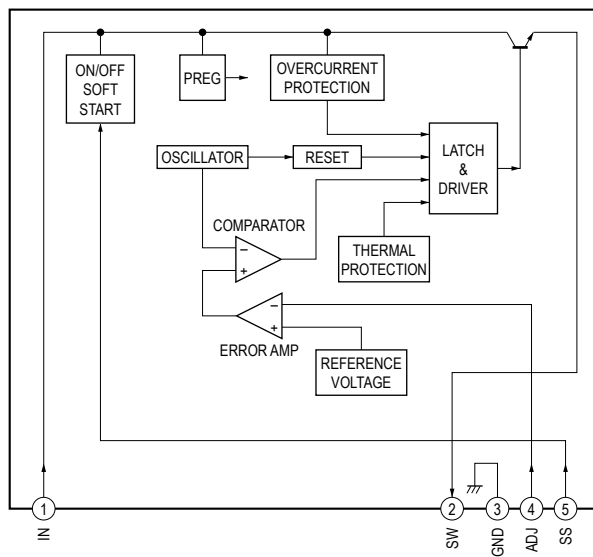
IC220 NJM2586AM



– DCDC Board –
IC4000 SI-8050S-LF1101



IC4001 SI-8001FFE



• IC Pin Function Description

XM BOARD IC102 F2602E-01-TR (XM RECEIVER)

Pin No.	Pin Name	I/O	Description
1	LSOPTXRX	-	Not used
2	VSS	-	Ground terminal
3	SCTXOUT	O	Serial data output to the system controller
4	VDD	-	Power supply terminal (+3.3V)
5	SCRXIN	I	Serial data input from the system controller
6	VSS	-	Ground terminal
7	COMMSEL	I	Command mode selection signal input terminal Not used
8	VDD	-	Power supply terminal (+3.3V)
9	IRQ*	O	Interrupt request signal output terminal Not used
10	VSS	-	Ground terminal
11	RESET*	I	Reset signal input from the system controller "L": reset
12	SLAVESL	I	Master/slave mode selection signal input terminal "L": master mode, "H": slave mode Fixed at "L" in this set
13	COMRXDIG	-	Not used
14	COMTXDIG	-	Not used
15	COMTXEN	-	Not used
16	VSS	-	Ground terminal
17	VDD	-	Power supply terminal (+3.3V)
18	COMRXP	I	XM receiver differential signal (positive) input from the XM connector
19	COMRXM	I	XM receiver differential signal (negative) input from the XM connector
20	VDD	-	Power supply terminal (+3.3V)
21	VSS	-	Ground terminal
22	COMTXM	O	XM transmitter differential signal (negative) output to the XM connector
23	COMTXP	O	XM transmitter differential signal (positive) output to the XM connector
24, 25	VSS	-	Ground terminal
26	OSCOUT	O	System clock output terminal (45.1584 MHz)
27	VSS	-	Ground terminal
28	OSCIN	I	System clock input terminal (45.1584 MHz)
29	VSS	-	Ground terminal
30	TEST	-	Not used
31	VSS	-	Ground terminal
32	HSDPDATA	-	Not used
33	VDD	-	Power supply terminal (+3.3V)
34	HSDPCLK	-	Not used
35	VSS	-	Ground terminal
36	HSDPEN	-	Not used
37	I2SDATA	O	I2S digital audio data output to the D/A converter (for XM section)
38	VSS	-	Ground terminal
39	I2SSCLK	O	I2S bit clock signal output to the D/A converter (for XM section)
40	VDD	-	Power supply terminal (+3.3V)
41	I2SLRCLK	O	I2S L/R sampling clock signal output to the D/A converter (for XM section)
42	VSS	-	Ground terminal
43	I2SOCLK	O	I2S over sample clock signal output to the D/A converter (for XM section)
44	VSS	-	Ground terminal
45	SAIICLK	-	Not used
46	VDD	-	Power supply terminal (+3.3V)
47	SAIIDATA	-	Not used
48	SAIIEN	-	Not used

HDMI BOARD IC3000 M30620FCPGP U5C (HDMI CONTROLLER)

Pin No.	Pin Name	I/O	Description
1 to 5	NC	O	Not used
6	BYTE	I	External data bus width selection signal input terminal "L": 16 bit Fixed at "L" in this set
7	CNVSS	I	Processor mode selection signal input terminal "L": single chip mode Fixed at "L" in this set
8, 9	NC	O	Not used
10	RESET	I	Reset signal input from the system controller "L": reset
11	XOUT	O	System clock output terminal (10 MHz)
12	VSS	-	Ground terminal
13	XIN	I	System clock input terminal (10 MHz)
14	VCC_3.3V	-	Power supply terminal (+3.3V)
15	NMI	I	Non-maskable interrupt signal input terminal Not used
16 to 18	NC	O	Not used
19	RX_RST	O	Reset signal output to the HDMI receiver "L": reset
20	RX_INT	I	Interrupt signal input from the HDMI receiver
21	1444_HPD	O	Hot plug detection control signal output to the HDMI input selector
22	HPD_IN1	O	Hot plug detection control signal output to the HDMI VIDEO 1 IN connector
23 to 26	NC	O	Not used
27	CSCL	O	I2C clock signal output to the EEPROM, HDMI receiver and HDMI transceiver
28	CSDA	I/O	I2C data bus with the EEPROM, HDMI receiver and HDMI transceiver
29	232COUT (VU TX)	O	Serial data output terminal for RS-232C
30	232CIN (VU RX)	I	Serial data input terminal for RS-232C
31, 32	NC	O	Not used
33	VUCOM_SDA	I/O	I2C data bus with the system controller
34	VUCOM_SCL	I	I2C clock signal input from the system controller
35, 36	EDID_SELA, EDID_SELB	O	Input data selection signal output terminal
37 to 39	NC	O	Not used
40	VDAC_RESET	O	Not used
41	TX_5VPWR	O	Power supply on/off control signal output terminal for HDM IOUT connector "H": power on
42	TX_RST	O	Reset signal output to the HDMI transceiver "L": reset
43	TX_INT	I	Interrupt signal input from the HDMI transceiver
44 to 50	NC	O	Not used
51 to 53	1444_SELA to 1444_SELCL	O	HDMI input selection signal output to the HDMI input selector
54	1444_OEB	O	Output enable signal output to the HDMI input selector
55, 56	P5V_SELA, P5V_SELCL	O	HDMI +5V power input selection signal output terminal
57 to 59	NC	O	Not used
60	VCC_3.3V	-	Power supply terminal (+3.3V)
61	NC	O	Not used
62	VSS	-	Ground terminal
63	NC	O	Not used
64	NON_LPCM	O	Non-LPCM setting signal output terminal "L": LPCM
65	MUTE	O	System muting signal output terminal
66 to 90	NC	O	Not used
91 to 93	MODEL_SW3 to MODEL_SW1	I	Model setting terminal
94	AVSS	-	Ground terminal
95	NC	O	Not used
96	VREF	I	Reference voltage (+3.3V) input terminal
97	AVCC	-	Power supply terminal (+3.3V)
98 to 100	NC	O	Not used

HDMI BOARD IC3506 SII9135CTU (HDMI RECEIVER)

Pin No.	Pin Name	I/O	Description
1 to 3	Q10 to Q8	O	Serial data output to the HDMI transceiver
4	IOGND	-	Ground terminal
5	ODCK	O	Output data clock signal output to the HDMI transceiver
6	IOVCC33	-	Power supply terminal (+3.3V)
7 to 10	Q7 to Q4	O	Serial data output to the HDMI transceiver
11	CGND	-	Ground terminal
12	CVCC18	-	Power supply terminal (+1.8V)
13 to 16	Q3 to Q0	O	Serial data output to the HDMI transceiver
17	IOGND	-	Ground terminal
18	IOVCC33	-	Power supply terminal (+3.3V)
19	DE	O	Data enable signal output to the HDMI transceiver
20	HSYNC	O	Horizontal sync signal output to the HDMI transceiver
21	VSNC	O	Vertical sync signal output to the HDMI transceiver
22	EVNODD	-	Not used
23	CGND	-	Ground terminal
24, 25	CVCC18	-	Power supply terminal (+1.8V)
26	CSDA	I/O	I2C data bus with the HDMI controller, EEPROM and HDMI transceiver
27	CSCL	I	I2C clock signal input from the HDMI controller
28	DSDA1	I/O	I2C data bus with the HDMI VIDEO 1 IN connector and EEPROM
29	DSCL1	I	I2C clock signal input from the HDMI VIDEO 1 IN connector
30	R1PWR5V	I	Power supply voltage (+5V) input from the HDMI VIDEO 1 IN connector
31	IOGND	-	Ground terminal
32	IOVCC33	-	Power supply terminal (+3.3V)
33	DSDA0	I/O	I2C data bus with the HDMI input selector and EEPROM
34	DSCL0	I	I2C clock signal input from the HDMI input selector
35	R0PWR5V	I	Power supply voltage (+5V) input from the HDMI connector
36	AGND	-	Ground terminal
37	AVCC18	-	Power supply terminal (+1.8V)
38	AVCC33	-	Power supply terminal (+3.3V)
39	R0XC-	I	TMDS clock (negative) signal input from the HDMI input selector
40	R0XC+	I	TMDS clock (positive) signal input from the HDMI input selector
41	AGND	-	Ground terminal
42	AVCC33	-	Power supply terminal (+3.3V)
43	R0X0-	I	TMDS data (negative) input from the HDMI input selector
44	R0X0+	I	TMDS data (positive) input from the HDMI input selector
45	AGND	-	Ground terminal
46	AVCC33	-	Power supply terminal (+3.3V)
47	R0X1-	I	TMDS data (negative) input from the HDMI input selector
48	R0X1+	I	TMDS data (positive) input from the HDMI input selector
49	AGND	-	Ground terminal
50	AVCC33	-	Power supply terminal (+3.3V)
51	R0X2-	I	TMDS data (negative) input from the HDMI input selector
52	R0X2+	I	TMDS data (positive) input from the HDMI input selector
53	AGND	-	Ground terminal
54	AVCC18	-	Power supply terminal (+1.8V)
55	RSVDNC	-	Not used
56	AVCC33	-	Power supply terminal (+3.3V)
57	R1XC-	I	TMDS clock (negative) signal input from the HDMI VIDEO 1 IN connector
58	R1XC+	I	TMDS clock (positive) signal input from the HDMI VIDEO 1 IN connector
59	AGND	-	Ground terminal
60	AVCC33	-	Power supply terminal (+3.3V)
61	R1X0-	I	TMDS data (negative) input from the HDMI VIDEO 1 IN connector
62	R1X0+	I	TMDS data (positive) input from the HDMI VIDEO 1 IN connector
63	AGND	-	Ground terminal
64	AVCC33	-	Power supply terminal (+3.3V)

Pin No.	Pin Name	I/O	Description
65	R1X1-	I	TMDS data (negative) input from the HDMI VIDEO 1 IN connector
66	R1X1+	I	TMDS data (positive) input from the HDMI VIDEO 1 IN connector
67	AGND	-	Ground terminal
68	AVCC33	-	Power supply terminal (+3.3V)
69	R1X2-	I	TMDS data (negative) input from the HDMI VIDEO 1 IN connector
70	R1X2+	I	TMDS data (positive) input from the HDMI VIDEO 1 IN connector
71	AGND	-	Ground terminal
72	AVCC18	-	Power supply terminal (+1.8V)
73	IOGND	-	Ground terminal
74	IOVCC33	-	Power supply terminal (+3.3V)
75	MUTEOUT	O	Audio muting control signal output terminal
76, 77	RSVDNC	-	Not used
78	SPDIF	O	S/PDIF signal output to the digital audio interface receiver and HDMI transceiver
79	CGND	-	Ground terminal
80	CVCC18	-	Power supply terminal (+1.8V)
81 to 84	SD0 to SD3	O	PCM audio signal output to the HDMI transceiver and DSP
85	WS	O	L/R sampling clock signal output to the HDMI transceiver, DSP and system controller
86	SCK	O	Bit clock signal output to the HDMI transceiver and DSP
87	IOGND	-	Ground terminal
88	IOVCC33	-	Power supply terminal (+3.3V)
89	MCLK	O	Master clock signal output to the HDMI transceiver and DSP
90	CGND	-	Ground terminal
91	CVCC18	-	Power supply terminal (+1.8V)
92	DVCC18	-	Power supply terminal (+1.8V)
93	DGND2	-	Ground terminal
94	XTALOUT	O	System clock output terminal (28.322 MHz)
95	XTALIN	I	System clock input terminal (28.322 MHz)
96	XTALVCC	-	Power supply terminal (+3.3V)
97	REGVCC	-	Power supply terminal (+3.3V)
98	RSVDNC	-	Not used
99	RSVDL	-	Not used
100	RESET#	I	Reset signal input from the HDMI controller "L": reset
101	SCDT	-	Not used
102	INT	O	Interrupt signal output to the HDMI controller
103	IOGND	-	Ground terminal
104	IOVCC33	-	Power supply terminal (+3.3V)
105	CI2CA	-	Not used
106	CGND	-	Ground terminal
107	CVCC18	-	Power supply terminal (+1.8V)
108 to 111	Q35 to Q32	O	Serial data output to the HDMI transceiver
112	IOGND	-	Ground terminal
113	IOVCC33	-	Power supply terminal (+3.3V)
114 to 117	Q31 to Q28	O	Serial data output to the HDMI transceiver
118	CGND	-	Ground terminal
119	CVCC18	-	Power supply terminal (+1.8V)
120 to 123	Q27 to Q24	O	Serial data output to the HDMI transceiver
124	IOGND	-	Ground terminal
125	IOVCC33	-	Power supply terminal (+3.3V)
126 to 129	Q23 to Q20	O	Serial data output to the HDMI transceiver
130	CGND	-	Ground terminal
131	CVCC	-	Power supply terminal (+1.8V)
132 to 135	Q19 to Q16	O	Serial data output to the HDMI transceiver
136	IOGND	-	Ground terminal
137	IOVCC33	-	Power supply terminal (+3.3V)
138 to 141	Q15 to Q12	O	Serial data output to the HDMI transceiver
142	CGND	-	Ground terminal

STR-DG820

Pin No.	Pin Name	I/O	Description
143	CVCC18	-	Power supply terminal (+1.8V)
144	Q11	O	Serial data output to the HDMI transceiver

HDMI BOARD IC3508 SII9134CTU (HDMI TRANSCEIVER)

Pin No.	Pin Name	I/O	Description
1	DE	I	Data enable signal input from the HDMI receiver
2	HSYNC	I	Horizontal sync signal input from the HDMI receiver
3	VSYNC	I	Vertical sync signal input from the HDMI receiver
4	SPDIF	I	S/PDIF signal input from the HDMI receiver
5	MCLK	I	Master clock signal input from the HDMI receiver
6 to 9	SD3 to SD0	I	PCM audio signal input from the HDMI receiver
10	WS	I	L/R sampling clock signal input from the HDMI receiver
11	SCK	I	Bit clock signal input from the HDMI receiver
12	CVCC18	-	Power supply terminal (+1.8V)
13	GND	-	Ground terminal
14	IOVCC33	-	Power supply terminal (+3.3V)
15	DCLK	I	Not used
16	DR0	I	Not used
17	DL0	I	Not used
18	DR1	I	Not used
19	DL1	I	Not used
20	DR2	I	Not used
21	DL2	I	Not used
22	DR3	I	Not used
23	DL3	I	Not used
24	INT	O	Interrupt signal output to the HDMI controller
25	RESET#	I	Reset signal input from the HDMI controller "L": reset
26	AGND	-	Ground terminal
27	EXT_SWG	-	Not used
28	PVCC1	-	Power supply terminal (+1.8V)
29	AGND	-	Ground terminal
30	TXC-	O	TMDS clock (negative) output to the HDMI OUT connector
31	TXC+	O	TMDS clock (positive) output to the HDMI OUT connector
32	AVCC18	-	Power supply terminal (+1.8V)
33	TX0-	O	TMDS data (negative) output to the HDMI OUT connector
34	TX0+	O	TMDS data (positive) output to the HDMI OUT connector
35	AGND	-	Ground terminal
36	TX1-	O	TMDS data (negative) output to the HDMI OUT connector
37	TX1+	O	TMDS data (positive) output to the HDMI OUT connector
38	AVCC18	-	Power supply terminal (+1.8V)
39	TX2-	O	TMDS data (negative) output to the HDMI OUT connector
40	TX2+	O	TMDS data (positive) output to the HDMI OUT connector
41	AGND	-	Ground terminal
42	PVCC2	-	Power supply terminal (+1.8V)
43	AGND	-	Ground terminal
44	AVCC33	-	Power supply terminal (+3.3V)
45	DCCPWR5V	I	Power supply voltage (+5V) input terminal
46	DSCL	O	I2C clock signal output to the HDMI OUT connector
47	DSDA	I/O	I2C data bus with the HDMI OUT connector
48	CSCL	I	I2C clock signal input from the HDMI controller
49	CSDA	I/O	I2C data bus with the HDMI controller, EEPROM, and HDMI receiver
50	CI2CA	-	Not used
51	HPD	I	Hot plug detection signal input from the HDMI OUT connector
52	TMODE	-	Not used
53	IOVCC33	-	Power supply terminal (+3.3V)
54	GND	-	Ground terminal
55	VPP18	-	Power supply terminal (+1.8V)
56 to 63	D35 to D28	I	Serial data input from the HDMI receiver
64	CVCC18	-	Power supply terminal (+1.8V)
65	GND	-	Ground terminal

Pin No.	Pin Name	I/O	Description
66	IOVCC33	-	Power supply terminal (+3.3V)
67 to 75	D27 to D19	I	Serial data input from the HDMI receiver
76	CVCC18	-	Power supply terminal (+1.8V)
77 to 86	D18 to D9	I	Serial data input from the HDMI receiver
87	GND	-	Ground terminal
88	IDCK	I	Output data clock signal input from the HDMI receiver
89	IOVCC33	-	Power supply terminal (+3.3V)
90 to 98	D8 to D0	I	Serial data input from the HDMI receiver
99	CVCC18	-	Power supply terminal (+1.8V)
100	GND	-	Ground terminal

DSP BOARD IC5021 D790E002BZDH300 (DSP)

Pin No.	Pin Name	I/O	Description
A1	VSS	-	Ground terminal
A2	DVDD	-	Power supply terminal (+3.3V) (for IO)
A3	AFSX0	O	L/R sampling clock signal output to the D/A converter
A4	ACLKX0	O	Bit clock signal output to the D/A converter
A5	ACLKR0	I	Bit clock signal input from the digital audio interface receiver and HDMI receiver
A6	AXR0[14]/AXR2[1]	I	PCM audio signal input from the HDMI receiver
A7	VSS	-	Ground terminal
A8	AXR0[11]/AXR1[2]	I	PCM audio signal input from the A/D converter
A9	AXR0[9]/AXR1[4]/ SPI1_SIMO	I/O	Not used
A10	VSS	-	Ground terminal
A11	AXR0[6]/SPI1_ENA#	I/O	Not used
A12	AXR0[4]	I/O	Not used
A13, A14	AXR0[2], AXR0[0]	O	PCM audio signal output to the D/A converter
A15	DVDD	-	Power supply terminal (+3.3V) (for IO)
A16	VSS	-	Ground terminal
B1	DVDD	-	Power supply terminal (+3.3V) (for IO)
B2	UHPI_HBE[3]#	I	Not used
B3	AHCLKR0/AHCLKR1	I/O	Not used
B4	AFSR0	I	L/R sampling clock signal input from the digital audio interface receiver and HDMI receiver
B5 to B7	AXR0[15]/AXR2[0], AXR0[13]/AXR1[0], AXR0[12]/AXR1[1]	I	PCM audio signal input from the HDMI receiver
B8	AXR0[10]/AXR1[3]	I	PCM audio signal input from the digital audio interface receiver
B9	AXR0[8]/AXR1[5]/ SPI1_SOMI	I/O	Not used
B10	AXR0[7]/SPI1/_CLK	I/O	Not used
B11	AXR0[5]/SPI1_SCS#	I/O	Not used
B12, B13	AXR0[3], AXR0[1]	O	PCM audio signal output to the D/A converter
B14	SPI0_SOMI	O	Serial data output to the system controller
B15	SPI0_SIMO	I	Serial data input from the system controller
B16	DVDD	-	Power supply terminal (+3.3V) (for IO)
C1	AMUTE0	O	Not used
C2	AHCLKX0/AHCLKX2	I	Master clock signal input from the digital audio interface receiver and HDMI receiver
C3	UHPI_HD[23]	I/O	Not used
C4 to C6	UHPI_HBE[2]# to HPI_HBE[0]	I	Not used
C7	UHPI_HDS[2]#	I/O	Not used
C8	UHPI_HCS#	I/O	Not used
C9	UHPI_HAS#	I/O	Not used
C10	UHPI_HCNTL[1]	I/O	Not used
C11	AFSX2	I	Error signal input from the digital audio interface receiver, HDMI receiver and HDMI controller
C12	AFSR2	I	PCM audio data input from the digital audio interface receiver
C13	ACLKR2	I/O	Not used
C14	AHCLKR2	I/O	Not used
C15	SPI0_SCS#	I	Chip select signal input from the system controller
C16	SPI0_CLK	I	Serial data transfer clock signal input from the system controller
D1	AHCLKX1	I/O	Not used
D2	AMUTE1	O	Not used
D3	UHPI_HD[22]	I/O	Not used
D4, D5	DVDD	-	Power supply terminal (+3.3V) (for IO)
D6	UHPI_HRDY#	I	Not used
D7	UHPI_HDS[1]#	I/O	Not used
D8	UHPI_HRW	I	Not used
D9	UHPI_HCNTL[0]	I	Not used
D10	AMUTE2/HINT#	O	Not used

Pin No.	Pin Name	I/O	Description
D11	ACLKX2	O	Interrupt signal output to the system controller
D12, D13	DVDD	-	Power supply terminal (+3.3V) (for IO)
D14	EM_WAIT	I	Not used
D15	EM_OE#	O	Not used
D16	SPIO_ENA#	I	Chip enable signal input from the system controller
E1	ACLKR1	I	Bit clock signal input from the digital audio interface receiver and HDMI receiver
E2	ACLKX1	O	Bit clock signal output to the D/A converter
E3	UHPI_HD[21]	I/O	Not used
E4	DVDD	-	Power supply terminal (+3.3V) (for IO)
E5	VSS	-	Ground terminal
E6 to E11	CVDD	-	Power supply terminal (+1.26V) (for core)
E12	VSS	-	Ground terminal
E13	DVDD	-	Power supply terminal (+3.3V) (for IO)
E14	UHPI_HD[18]	I/O	Not used
E15	EM_CS[2]#	O	Not used
E16	EM_RW	O	Not used
F1	AFSR1	I	L/R sampling clock signal input from the digital audio interface receiver and HDMI receiver
F2	AFSX1	O	L/R sampling clock signal output to the D/A converter
F3, F4	UHPI_HD[19], UHPI_HD[20]	I/O	Not used
F5 to F12	VSS	-	Ground terminal
F13, F14	UHPI_HD[10], UHPI_HD[9]	I/O	Not used
F15	EM_CS[0]#	O	Chip select signal output to the SD-RAM
F16	EM_RAS#	O	Row address strobe signal output to the SD-RAM
G1	VSS	-	Ground terminal
G2	RESET#	I	Reset signal input from the system controller "L": reset
G3, G4	UHPI_HD[17], UHPI_HD[18]	I/O	Not used
G5	CVDD	-	Power supply terminal (+1.26V) (for core)
G6 to G11	VSS	-	Ground terminal
G12	CVDD	-	Power supply terminal (+1.26V) (for core)
G13, G14	UHPI_HD[12], UHPI_HD[11]	I/O	Not used
G15	EM_BA[0]	O	Bank address signal output to the SD-RAM
G16	VSS	-	Ground terminal
H1	UHPI_HD[16]	I/O	Not used
H2	CLKIN	I	Not used
H3	VSS	-	Ground terminal
H4	UHPI_HD[31]	I/O	Not used
H5	CVDD	-	Power supply terminal (+1.26V) (for core)
H6 to H11	VSS	-	Ground terminal
H12	CVDD	-	Power supply terminal (+1.26V) (for core)
H13, H14	UHPI_HD[14], UHPI_HD[13]	I/O	Not used
H15	EM_A[10]	O	Address signal output to the SD-RAM
H16	EM_BA[1]	O	Bank address signal output to the SD-RAM
J1	OSCVSS	-	Ground terminal for oscillator
J2	OSCIN	I	System clock input terminal (25 MHz)
J3	OSCOU	O	System clock output terminal (25 MHz)
J4	OSCVDD	-	Power supply terminal for oscillator
J5	CVDD	-	Power supply terminal (+1.26V) (for core)
J6 to J11	VSS	-	Ground terminal
J12	CVDD	-	Power supply terminal (+1.26V) (for core)
J13	UHPI_HD[15]	I/O	Not used
J14	DVDD	-	Power supply terminal (+3.3V) (for IO)
J15, J16	EM_A[1], EM_A[0]	O	Address signal output to the SD-RAM

Pin No.	Pin Name	I/O	Description
K1	VSS	-	Ground terminal
K2	PLLHV	-	Power supply terminal (+3.3V) (for PLL)
K3	TMS	I	Test mode selection signal input terminal (for JTAG)
K4	TRST#	I	Test reset signal input terminal (for JTAG)
K5	CVDD	-	Power supply terminal (+1.26V) (for core)
K6 to K11	VSS	-	Ground terminal
K12	CVDD	-	Power supply terminal (+1.26V) (for core)
K13, K14	UHPI_HD[0], UHPI_HD[1]	I/O	Not used
K15	EM_A[2]	O	Address signal output to the SD-RAM
K16	VSS	-	Ground terminal
L1	TDI	I	Test data input terminal (for JTAG)
L2 to L4	UHPI_HD[30] to UHPI_HD[28]	I/O	Not used
L5 to L12	VSS	-	Ground terminal
L13, L14	UHPI_HD[3], UHPI_HD[4]	I/O	Not used
L15, L16	EM_A[4], EM_A[3]	O	Address signal output to the SD-RAM
M1	EMU[0]#	I/O	Emulation terminal
M2	TDO	O	Test data output terminal (for JTAG)
M3	UHPI_HD[27]	I/O	Not used
M4	DVDD	-	Power supply terminal (+3.3V) (for IO)
M5	VSS	-	Ground terminal
M6 to M11	CVDD	-	Power supply terminal (+1.26V) (for core)
M12	VSS	-	Ground terminal
M13	DVDD	-	Power supply terminal (+3.3V) (for IO)
M14	UHPI_HD[2]	I/O	Not used
M15, M16	EM_A[6], EM_A[5]	O	Address signal output to the SD-RAM
N1	EMU[1]#	I/O	Emulation terminal
N2, N3	UHPI_HD[25], UHPI_HD[26]	I/O	Not used
N4	EM_D[22]	I/O	Two-way data bus with the SD-RAM
N5	DVDD	-	Power supply terminal (+3.3V) (for IO)
N6 to N11	EM_D[18], EM_D[16], EM_D[30], EM_D[29], EM_D[27], EM_D[25]	I/O	Two-way data bus with the SD-RAM
N12	DVDD	-	Power supply terminal (+3.3V) (for IO)
N13, N14	UHPI_HD[5], UHPI_HD[6]	I/O	Not used
N15, N16	EM_A[8], EM_A[7]	O	Address signal output to the SD-RAM
P1	TCK	I	Test clock signal input terminal (for JTAG)
P2	UHPI_HD[24]	I/O	Not used
P3 to P7	EM_D[21] to EM_D[19], EM_D[17], EM_D[31]	I/O	Two-way data bus with the SD-RAM
P8	DVDD	-	Power supply terminal (+3.3V) (for IO)
P9 to P11	EM_D[28], EM_D[26], EM_D[24]	I/O	Two-way data bus with the SD-RAM
P12	EM_A[12]	O	Address signal output terminal Not used
P13	EM_DQM[2]	O	Byte enable signal output to the SD-RAM
P14	UHPI_HD[7]	I/O	Not used
P15	EM_A[11]	O	Address signal output terminal Not used
P16	EM_A[9]	O	Address signal output to the SD-RAM
R1	DVDD	-	Power supply terminal (+3.3V) (for IO)
R2	EM_D[23]	I/O	Two-way data bus with the SD-RAM
R3	EM_CAS#	O	Column address strobe signal output to the SD-RAM
R4	EM_DQM[0]	O	Byte enable signal output to the SD-RAM

Pin No.	Pin Name	I/O	Description
R5 to R13	EM_D[6], EM_D[4], EM_D[2], EM_D[1], EM_D[15], EM_D[13], EM_D[12], EM_D[10], EM_D[8]	I/O	Two-way data bus with the SD-RAM
R14	EM_CLK	O	Clock signal output to the SD-RAM
R15	EM_DQM[3]	O	Byte enable signal output to the SD-RAM
R16	DVDD	-	Power supply terminal (+3.3V) (for IO)
T1	VSS	-	Ground terminal
T2	DVDD	-	Power supply terminal (+3.3V) (for IO)
T3	EM_WE#	O	Write enable signal output to the SD-RAM
T4 to T6	EM_D[7], EM_D[5], EM_D[3]	I/O	Two-way data bus with the SD-RAM
T7	VSS	-	Ground terminal
T8, T9	EM_D[0], EM_D[14]	I/O	Two-way data bus with the SD-RAM
T10	VSS	-	Ground terminal
T11, T12	EM_D[11], EM_D[9]	I/O	Two-way data bus with the SD-RAM
T13	EM_DQM[1]	O	Byte enable signal output to the SD-RAM
T14	EM_CKE	O	Clock enable signal output to the SD-RAM
T15	DVDD	-	Power supply terminal (+3.3V) (for IO)
T16	VSS	-	Ground terminal

MICOM BOARD IC7001 MB91F467RAPMC-GE1 (SYSTEM CONTROLLER)

Pin No.	Pin Name	I/O	Description
1	VSS	-	Ground terminal
2	POW-SW_DET	I	POWER switch input terminal
3	LED_STDBY	O	LED drive signal output terminal for ON/STANDBY indicator "L": green LED on (power on mode), "H": red LED on (standby mode)
4 to 7	NO USE	-	Not used
8	MIC_MUTE	O	Microphone muting on/off control signal output terminal "H": muting on
9	VOL2	I	Jog dial pulse input from the rotary encoder (B phase input) (for MASTER VOLUME)
10	VOL1	I	Jog dial pulse input from the rotary encoder (A phase input) (for MASTER VOLUME)
11, 12	VCC3_(3.3V)	-	Power supply terminal (+3.3V)
13	VSS_(GND)	-	Ground terminal
14	C_1	-	External capacitor connection terminal for internal regulator
15	FUNC2	I	Jog dial pulse input from the rotary encoder (B phase input) (for INPUT SELECTOR)
16	FUNC1	I	Jog dial pulse input from the rotary encoder (A phase input) (for INPUT SELECTOR)
17	TUNE2	I	Jog dial pulse input from the rotary encoder (B phase input) (for TUNING)
18	TUNE1	I	Jog dial pulse input from the rotary encoder (A phase input) (for TUNING)
19	TONE2	I	Jog dial pulse input from the rotary encoder (B phase input) (for TONE)
20	TONE1	I	Jog dial pulse input from the rotary encoder (A phase input) (for TONE)
21	SUB-T	-	Not used
22	BRIDGABLE RELAY	O	Relay drive signal (for power supply) output terminal "H": relay on
23	SBR_RY	O	Relay drive signal (for surround back R-ch) output terminal "H": relay on
24	SP_A_RY	O	Relay drive signal (for front A) output terminal "H": relay on
25	SW_PREOUT_RY	O	Relay drive signal (for subwoofer) output terminal "H": relay on
26	SP A/B_RY	O	Relay drive signal (for front B) output terminal "H": relay on
27	C. SL. SBL_RY	O	Relay drive signal (for surround, center and surround back L-ch) output terminal "H": relay on
28	NMIX	-	Not used
29 to 31	NO USE	-	Not used
32	HP_RY	O	Relay drive signal (for headphone) output terminal "H": relay on
33	NO USE	-	Not used
34	HP_DET	I	Headphone plug insert detection signal input terminal "H": headphone plug is inserted
35	NO USE	-	Not used
36	VCC3_(3.3V)	-	Power supply terminal (+3.3V)
37	C_2	-	External capacitor connection terminal for internal regulator
38	VSS_(GND)	-	Ground terminal
39	X0_(CLOCK_IN)	I	Main system clock input terminal (4 MHz)
40	X1_(CLOCK_OUT)	O	Main system clock output terminal (4 MHz)
41	VSS_(GND)	-	Ground terminal
42	X0A_ (SUB_CLOCK_IN)	I	Sub system clock input terminal Not used
43	X1A_ (SUB_CLOCK_OUT)	O	Sub system clock output terminal Not used
44	VCC3_(3.3V)	-	Power supply terminal (+3.3V)
45	VSS_(GND)	-	Ground terminal
46 to 56	NO USE	-	Not used
57	VCC3_(3.3V)	-	Power supply terminal (+3.3V)
58	VSS_(GND)	-	Ground terminal
59 to 63	NO USE	-	Not used
64	HDMI_ERROR(MUTE)	I	HDMI audio error signal input terminal
65	HDMI_UCOM_RST	O	Reset signal output to the HDMI controller "L": reset
66	EVOL_CLK	O	Serial data transfer clock signal output to the electrical volume
67	EVOL_DATA	O	Serial data output to the electrical volume
68	PROTECTOR	I	Protect detection signal input terminal
69	DA_MD0	I	Serial data input from the D/A converter
70	DA_LATCH	O	Serial data latch pulse signal output to the D/A converter
71	DA_RESET	O	Reset signal output to the D/A converter "L": reset
72	DIGI/ANA	O	Analog/digital selection signal output terminal

Pin No.	Pin Name	I/O	Description
73	VCC3_(3.3V)	-	Power supply terminal (+3.3V)
74	VSS_(GND)	-	Ground terminal
75	DAC_MUTE	O	Muting control signal output terminal
76	DMPORT_DET	I	Digital media port adapter connection detection signal input terminal "H": digital media port adapter is connected
77	DIR_DATA0	I	Audio serial data input from the digital audio interface receiver
78	DIR_CKST	I	Clock selection signal input from the digital audio interface receiver
79	DIR_ERROR	I	PLL lock error signal and data error flag input from the digital audio interface receiver
80	DIR_DO	I	Serial data input from the digital audio interface receiver
81	COM1_DATA	O	Serial data output to the digital audio interface receiver and D/A converter
82	DIR_CE	O	Chip enable signal output to the digital audio interface receiver
83	COM1_CLK	O	Serial data transfer clock signal output to the digital audio interface receiver and D/A converter
84	DIR_XMODE	O	Reset signal output to the digital audio interface receiver "L": reset
85 to 87	NO USE	-	Not used
88	VSS_(GND)	-	Ground terminal
89	VCC3_(3.3V)	-	Power supply terminal (+3.3V)
90	HDMI/DIR SELECT	O	Digital audio interface receiver/HDMI receiver signal selection signal output terminal
91	SFLASH_HOLD#	O	Hold signal output to the serial flash
92	SFLASH_CE#	O	Chip enable signal output to the serial flash
93	SPI0_ENA#	O	Chip enable signal output to the DSP
94	DSP_RESET	O	Reset signal output to the DSP "L": reset
95	SPI0_CS#	O	Chip select signal output to the DSP
96, 97	NO USE	-	Not used
98 to 100	AD-KEY1 to AD-KEY3	I	Front panel key input terminal (A/D input)
101	CEC_IN	O	CEC serial data output to the HDMI connector
102	NO USE	-	Not used
103	VERSION	I	Destination setting terminal
104	RDS_DATA	I	RDS serial data input from the tuner (FM/AM) (AEP, ECE and UK models only)
105	TUN_DO	I	Serial data input from the tuner (FM/AM)
106	TUN_CLK	O	Serial data transfer clock signal output to the tuner (FM/AM)
107	TUN_DATA	O	Serial data output to the tuner (FM/AM)
108	TUN_CE	O	Serial data latch pulse signal output to the tuner (FM/AM)
109	TUN_SD	I	FM stereo detection signal input from the tuner (FM/AM)
110 to 113	NO USE	-	Not used
114	AVSS/AVRL (ANALOG GND A/D)	-	Ground terminal (for A/D converter)
115	AVCC3(3.3V A/D)	-	Power supply terminal (+3.3V) (for A/D converter)
116	AVRH (STANDARD PS A/D)	I	Reference voltage (+3.3V) input terminal (for A/D converter)
117	HDMI_SDA	I/O	I2C data bus with the HDMI controller
118	HDMI_SCL	O	I2C clock signal output to the HDMI controller
119	SIRCS-IN	I	SIRCS signal input from the remote control receiver
120	CEC_OUT	I	CEC serial data input from the HDMI connector
121 to 125	NO USE	-	Not used
126	RST_TRG	O	Reset signal output terminal for the system controller "L": reset
127 to 130	MD3 to MD0	-	Mode setting terminal Fixed at "L" in this set
131	INITX	I	System reset signal input from the reset signal generator "L": reset For several hundreds msec. after the power supply rises, "L" is input, then it changes to "H"
132	VSS_(GND)	-	Ground terminal
133	VCC5	-	Power supply terminal (+3.3V)
134	SI	I	Serial data input terminal Not used
135	SO	O	Serial data output terminal Not used
136	NO USE	-	Not used
137	SPI0_MISO	I	Serial data input from the serial flash and DSP
138	SPI0_MOSI	O	Serial data output to the serial flash and DSP
139	SPI0_CLK	O	Serial data transfer clock signal output to the serial flash and DSP

Pin No.	Pin Name	I/O	Description
140	DMPORT_TX	I	Serial data input from the DMPORT connector
141	DMPORT_RX	O	Serial data output to the DMPORT connector
142	XM_DAC_MS	O	Serial data latch pulse signal output to the D/A converter (for XM section) (US and Canadian models only)
143	XM_DAC_MC	O	Serial data transfer clock signal output to the D/A converter (for XM section) (US and Canadian models only)
144	XM_DAC_MDI	O	Serial data output to the D/A converter (for XM section) (US and Canadian models only)
145	XM_POWER	O	Power supply on/off control signal output terminal for XM section "H": power on (US and Canadian models only)
146	VSS_(GND)	-	Ground terminal
147	VCC5	-	Power supply terminal (+3.3V)
148	XM_MIXMO	I	Serial data input from the XM receiver (US and Canadian models only)
149	XM_MOXMI	O	Serial data output to the XM receiver (US and Canadian models only)
150	XM_RESET	O	Reset signal output to the XM receiver "L": reset (US and Canadian models only)
151, 152	NO USE	-	Not used
153	FL_BK	O	Blanking period signal output to the fluorescent indicator tube
154	FL_LATCH	O	Serial data latch pulse signal output to the fluorescent indicator tube
155	FL_DATA	O	Serial data latch pulse signal output to the fluorescent indicator tube
156	FL_CLK	O	Serial data transfer clock signal output to the fluorescent indicator tube
157 to 160	COMPOSITE_SW4 to COMPOSITE_SW1	O	Composite video selection signal output to the video amplifier
161	VSS_(GND)	-	Ground terminal
162	VCC5	-	Power supply terminal (+3.3V)
163	DSP_INT	I	Interrupt signal input from the DSP
164	RDS_INT	I	RDS serial data transfer clock signal input from the tuner (FM/AM) (AEP, ECE and UK models only)
165, 166	COMPONENT_SW1, COMPONENT_SW2	O	Component video selection signal output to the video amplifier
167	VMUTE	O	Video muting control signal output to the video amplifier
168	NO USE	-	Not used
169	FSRATE	I	L/R sampling clock signal input from the digital audio interface receiver or HDMI receiver
170	STOP	I	AC off detection signal input terminal "L": AC off
171	POW_RY	O	Relay drive signal (for main power) output terminal "H": relay on
172, 173	NO USE	-	Not used
174	EEPROM_SDA	I/O	Two-way data bus with the EEPROM
175	EEPROM_SCL	O	Serial data transfer clock signal output to the EEPROM
176	VCC5	-	Power supply terminal (+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.
- Color Indication of Appearance Parts Example:
KNOB, BALANCE (WHITE) . . . (RED)
- Accessories are given in the last of the electrical list.

Abbreviation

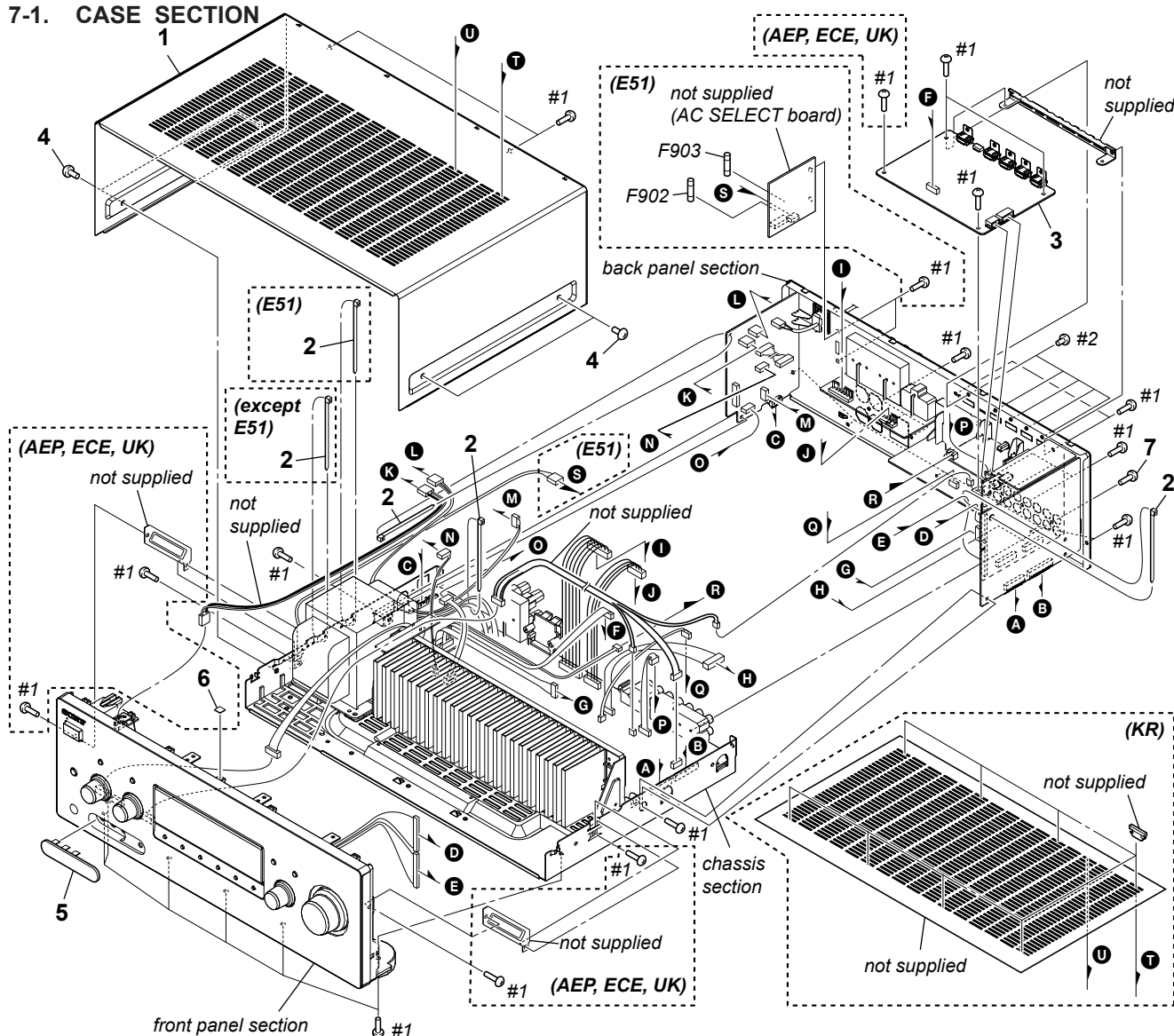
- AUS : Australian model
- CND : Canadian model
- E51 : Chilean and Peruvian models
- ECE : Continental European, East European and Russian models
- KR : Korean model
- TW : Taiwan model
- Color Variation**
- US, CND, E51 : BLACK
- AEP, ECE, UK, AUS : BLACK/SILVER
- TW, KR : SILVER

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

Les composants identifiés par une marque $\triangle$ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

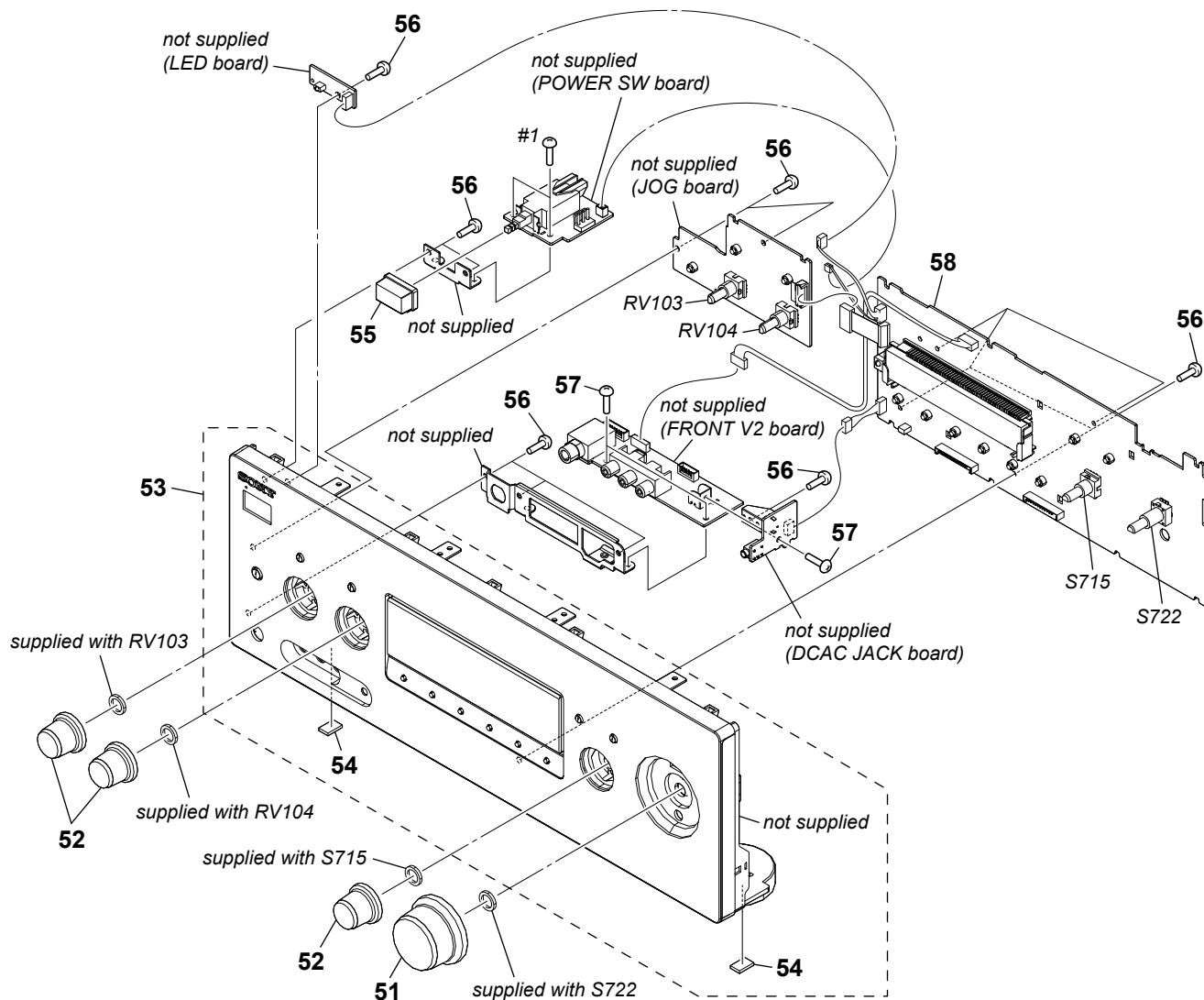
The components identified by mark $\triangle$ contain confidential information.
Strictly follow the instructions whenever the components are repaired and/or replaced.

Les composants identifiés par la marque $\triangle$ contiennent des informations confidentielles.
Suivre scrupuleusement les instructions chaque fois qu'un composant est remplacé et / ou réparé.

7-1. CASE SECTION

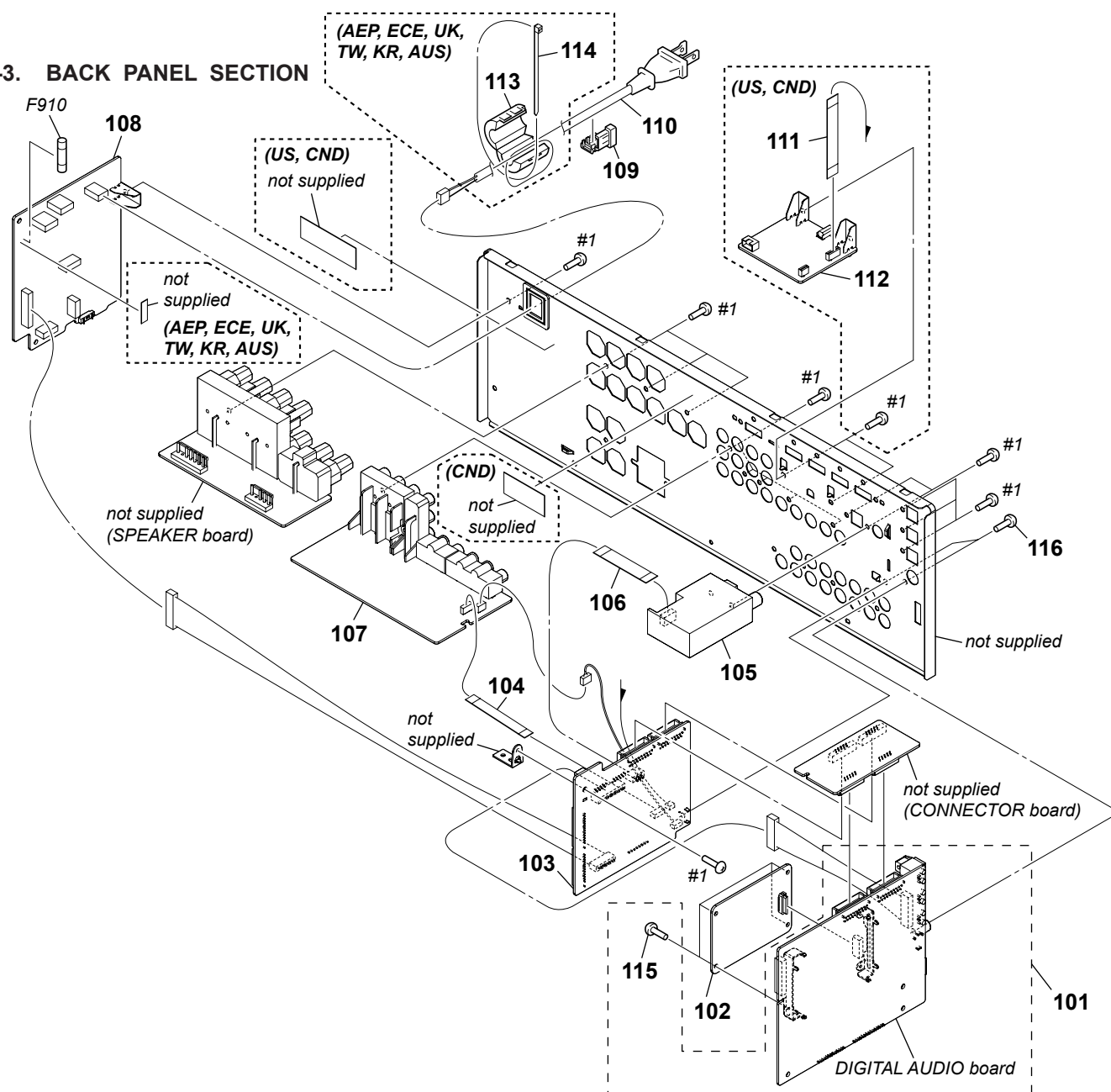
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	3-285-693-11	CASE (BLACK)		6	4-104-585-01	DOUBLE SIDED TAPE (AEP, ECE, UK)	
1	3-285-693-31	CASE (SILVER)		7	4-974-510-11	SCREW (+BV 3X8 CU) (AEP, ECE, UK)	
2	3-701-748-00	CLAMP		7	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
$\triangle$ 3	A-1486-810-A	HDMI BOARD, COMPLETE (for SERVICE)				(US, CND, E51, TW, KR, AUS)	
4	2-580-630-01	SCREW, +BVST 4X8 (for BLACK)		$\triangle$ F902	1-532-505-33	FUSE (T5AL/250V) (E51)	
4	7-685-881-04	SCREW +BVTT 4X8 (S) (for SILVER)		$\triangle$ F903	1-532-464-33	FUSE (T2.5AL/250V) (E51)	
5	3-286-654-02	LID (BLACK)		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
5	3-286-654-12	LID (SILVER)		#2	7-685-871-01	SCREW +BVTT 3X6 (S)	

7-2. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	2-661-142-01	VOLUME KNOB (BLACK)		55	3-286-651-02	BUTTON, POWER (BLACK)	
51	2-661-142-11	VOLUME KNOB (SILVER)		55	3-286-651-12	BUTTON, POWER (SILVER)	
52	X-2190-020-1	KNOB MENU ASSY (BLACK)		56	3-087-053-01	+BVTP2.6 (3CR)	
52	X-2190-021-1	KNOB MENU ASSY (SILVER)		57	3-077-331-21	+BV3 (3-CR)	
53	X-2188-403-2	FRONT PANEL ASSY (US)					
53	X-2188-404-1	FRONT PANEL ASSY (CND)		58	A-1486-786-A	DISPLAY BOARD, COMPLETE	
53	X-2188-405-2	FRONT PANEL ASSY (BLACK) (AEP, ECE, UK)		RV103	1-418-817-31	ENCODER, ROTARY (- TUNING +)	
53	X-2189-908-2	FRONT PANEL ASSY (SILVER) (AEP, ECE, UK)		RV104	1-418-817-31	ENCODER, ROTARY (- TONE +)	
53	X-2189-980-2	FRONT PANEL ASSY (BLACK) (E51, AUS)		S715	1-418-817-31	ENCODER, ROTARY (INPUT SELECTOR)	
53	X-2189-981-2	FRONT PANEL ASSY (SILVER) (TW, KR, AUS)		S722	1-418-725-41	ENCODER, ROTARY (12 TYPE)	(MASTER VOLUME)
54	4-977-358-01	CUSHION		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

7-3. BACK PANEL SECTION

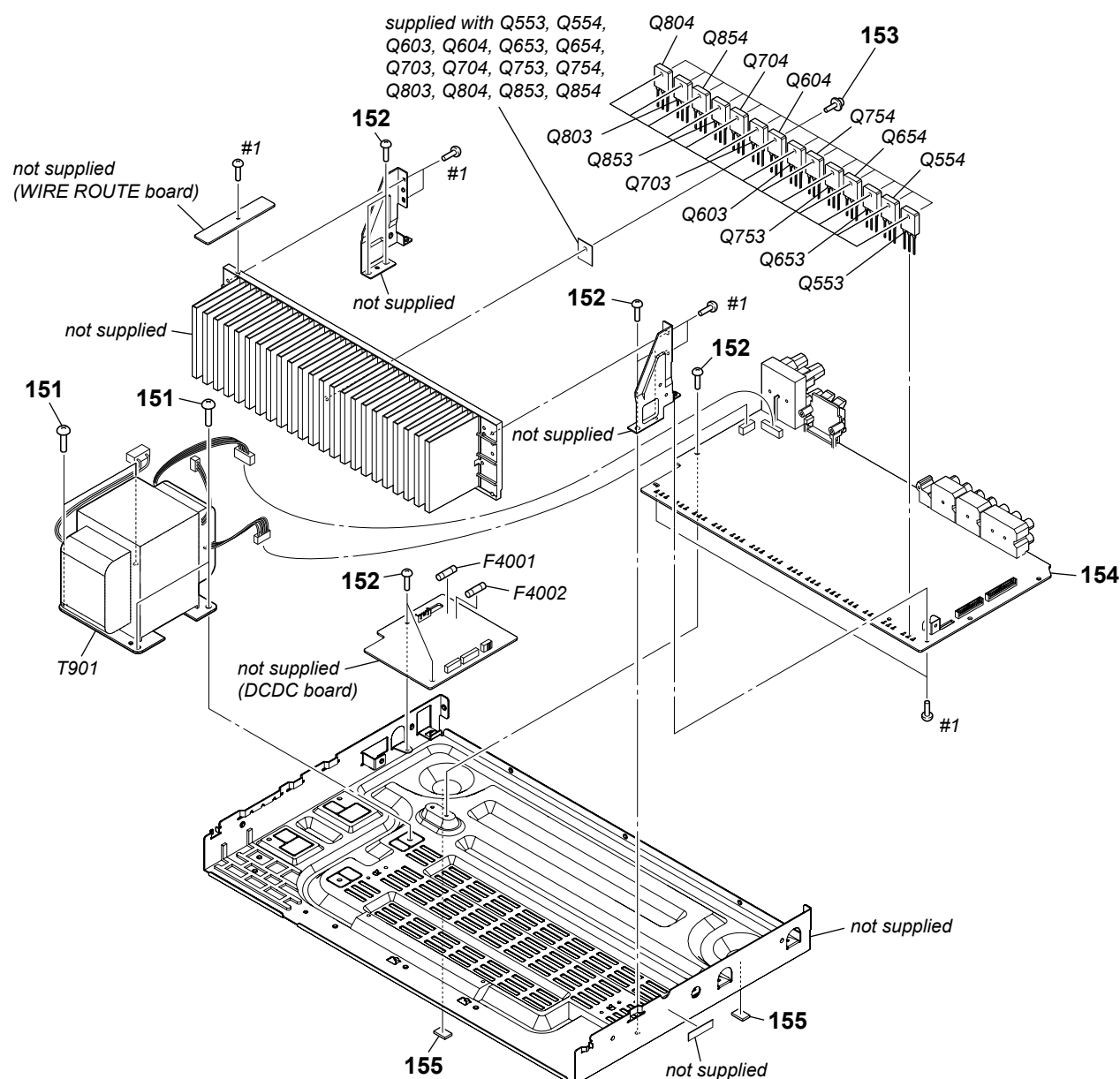


Ref. No.	Part No.	Description	Remark
101	A-1433-571-A	DIGITAL AUDIO BOARD, COMPLETE (US, CND)	
101	A-1486-778-A	DIGITAL AUDIO BOARD, COMPLETE (AEP, ECE, UK, E51, TW, KR, AUS)	
102	A-1439-165-A	DSP BOARD, COMPLETE	
103	A-1486-780-A	MICOM BOARD, COMPLETE (US, CND)	
103	A-1486-781-A	MICOM BOARD, COMPLETE (AEP, ECE, UK)	
103	A-1542-822-A	MICOM BOARD, COMPLETE (AUS)	
103	A-1542-824-A	MICOM BOARD, COMPLETE (TW, KR)	
103	A-1542-828-A	MICOM BOARD, COMPLETE (E51)	
104	1-828-296-51	WIRE (FLAT TYPE) (7 CORE)	
105	1-693-728-31	TUNER (FM/AM) (US, CND, E51)	
105	1-693-737-21	TUNER (FM/AM) (AEP, ECE, UK)	
105	1-693-749-21	TUNER (FM/AM) (TW, KR, AUS)	
106	1-828-952-11	WIRE (FLAT TYPE) (9 CORE) (US, CND, E51, TW, KR, AUS)	
106	1-828-962-11	WIRE (FLAT TYPE) (11 CORE) (AEP, ECE, UK)	
107	A-1433-570-A	VIDEO BOARD, COMPLETE (Type A)	
107	A-1551-996-A	VIDEO BOARD, COMPLETE (Type B) (AEP, ECE, UK)	
108	A-1466-961-A	STANDBY BOARD, COMPLETE (US, CND)	
108	A-1486-789-A	STANDBY BOARD, COMPLETE (AEP, ECE, UK, KR, AUS)	
108	A-1542-830-A	STANDBY BOARD, COMPLETE (E51)	

Ref. No.	Part No.	Description	Remark
108	A-1542-860-A	STANDBY BOARD, COMPLETE (TW)	
109	4-966-267-12	BUSHING (FBS001), CORD	
△ 110	1-769-079-61	CORD, POWER (KR)	
△ 110	1-777-071-83	CORD, POWER (AEP, ECE, UK, E51)	
△ 110	1-783-820-11	CORD, POWER (US, CND)	
△ 110	1-827-597-42	CORD, POWER (TW)	
△ 110	1-833-556-21	POWER-SUPPLY CORD (AUS)	
111	1-828-298-51	WIRE (FLAT TYPE) (7 CORE) (US, CND)	
112	A-1433-639-A	XM BOARD, COMPLETE (US, CND)	
113	1-457-369-12	CORE, FERRITE (AEP, ECE, UK, TW, KR, AUS)	
114	3-655-653-01	BAND (TAITON), BINDING (AEP, ECE, UK, TW, KR, AUS)	
115	3-087-053-01	+BVTP2.6 (3CR)	
116	4-974-510-11	SCREW (+BV 3X8 CU) (AEP, ECE, UK)	
116	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3 (US, CND, E51, TW, KR, AUS)	
△ F910	1-532-464-33	FUSE (T2.5AL/250V) (AEP, ECE, UK, KR, AUS)	
△ F910	1-532-505-33	FUSE (T5AL/250V) (TW)	
△ F910	1-533-454-12	FUSE, GLASS TUBE (DIA. 5) (6.3A/125V) (US, CND)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

Note: Refer to supplement-1 about Type A and Type B.

7-4. CHASSIS SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
151	4-249-675-01	+BV SUMITITE S 4X6 ROUND		Q654	6-702-391-01	TRANSISTOR	MP1620-OPY-MK
152	3-077-331-21	+BV3 (3-CR)					
153	3-905-609-01	SCREW (TRANSISTOR)		Q703	6-702-390-01	TRANSISTOR	MN2488-OPY-MK
154	A-1438-328-A	MAIN BOARD, COMPLETE (Type A)		Q704	6-702-391-01	TRANSISTOR	MP1620-OPY-MK
		(AEP, ECE, UK, E51, TW, KR, AUS)		Q753	6-702-390-01	TRANSISTOR	MN2488-OPY-MK
154	A-1466-960-A	MAIN BOARD, COMPLETE (US, CND)		Q754	6-702-391-01	TRANSISTOR	MP1620-OPY-MK
				Q803	6-702-390-01	TRANSISTOR	MN2488-OPY-MK
154	A-1551-994-A	MAIN BOARD, COMPLETE (Type B)					
		(AEP, ECE, UK)		Q804	6-702-391-01	TRANSISTOR	MP1620-OPY-MK
155	4-977-358-01	CUSHION		Q853	6-702-390-01	TRANSISTOR	MN2488-OPY-MK
△ F4001	1-532-465-33	FUSE (T3.15A/250V)		Q854	6-702-391-01	TRANSISTOR	MP1620-OPY-MK
△ F4002	1-532-465-33	FUSE (T3.15A/250V)		△ T901	1-439-550-21	POWER TRANSFORMER	
Q553	6-702-390-01	TRANSISTOR	MN2488-OPY-MK				(AEP, ECE, UK, KR, AUS)
				△ T901	1-439-552-11	TRANSFORMER, POWER (TW)	
Q554	6-702-391-01	TRANSISTOR	MP1620-OPY-MK				
Q603	6-702-390-01	TRANSISTOR	MN2488-OPY-MK	△ T901	1-439-553-31	POWER TRANSFORMER (E51)	
Q604	6-702-391-01	TRANSISTOR	MP1620-OPY-MK	△ T901	1-439-583-11	TRANSFORMER, POWER (US, CND)	
Q653	6-702-390-01	TRANSISTOR	MN2488-OPY-MK	#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

Note: Refer to supplement-1 about Type A and Type B.

AC SELECT	CONNECTOR
DCAC JACK	DCDC

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
CND : Canadian model
E51 : Chilean and Peruvian models
ECE : Continental European,
East European and
Russian models
KR : Korean model
TW : Taiwan model

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

Les composants identifiés par une marque △ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

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

Les composants identifiés par la marque △ contiennent des informations confidentielles.
Suivre scrupuleusement les instructions chaque fois qu'un composant est remplacé et / ou réparé.

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

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
	A-1542-826-A	AC SELECT BOARD (E51) *****				DCDC BOARD *****	
		< CONNECTOR >			7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
CNP903	1-568-106-11	PIN, CONNECTOR (3.96mm PITCH) 4P				< CAPACITOR >	
* CNP905	1-564-687-11	PIN, CONNECTOR (3.96mm PITCH) 3P					
		< FUSE HOLDER >		C4000	1-128-959-21	ELECT 1000uF 20% 35V	
FH903	1-533-217-31	FUSE HOLDER		C4002	1-128-549-11	ELECT 3300uF 20% 35V	
FH904	1-533-217-31	FUSE HOLDER		C4003	1-128-959-21	ELECT 1000uF 20% 35V	
FH905	1-533-217-31	FUSE HOLDER		C4004	1-100-566-91	CERAMIC CHIP 0.1uF 10% 25V	
FH906	1-533-217-31	FUSE HOLDER		C4005	1-128-950-21	ELECT 1000uF 20% 16V	
		< SWITCH >		C4006	1-125-891-11	CERAMIC CHIP 0.47uF 10% 10V	
S901	1-571-437-21	SWITCH, POWER VOLTAGE CHANGE (VOLTAGE SELECTOR)		C4007	1-125-891-11	CERAMIC CHIP 0.47uF 10% 10V	
		*****		C4009	1-125-891-11	CERAMIC CHIP 0.47uF 10% 10V	
		CONNECTOR BOARD *****		C4010	1-125-891-11	CERAMIC CHIP 0.47uF 10% 10V	
		< CONNECTOR >		C4102	1-100-566-91	CERAMIC CHIP 0.1uF 10% 25V	
CN2030	1-770-385-11	CONNECTOR, BOARD TO BOARD 18P		C4103	1-128-950-21	ELECT 1000uF 20% 16V	
CN2031	1-770-385-11	CONNECTOR, BOARD TO BOARD 18P				< CONNECTOR >	
CN2231	1-770-385-11	CONNECTOR, BOARD TO BOARD 18P		CN4001	1-778-226-21	CONNECTOR, BOARD TO BOARD 6P	
CN2232	1-770-385-11	CONNECTOR, BOARD TO BOARD 18P				< DIODE >	
		*****		D4001	8-719-081-52	DIODE D5SBA20-4003	
		DCAC JACK BOARD *****		D4803	8-719-080-53	DIODE RK36LF-B3	
		< CONNECTOR >		D4804	6-502-489-01	DIODE RK46LF-T1	
CN718	1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P				< FUSE HOLDER >	
		< EARTH TERMINAL >		FH4001	1-533-233-11	FUSE HOLDER	
* ET791	1-537-738-21	TERMINAL, EARTH		FH4002	1-533-233-11	FUSE HOLDER	
		< JACK >		FH4003	1-533-233-11	FUSE HOLDER	
J701	1-820-056-21	SMALL TYPE JACK (3.5mm) (AUTO CAL MIC)		FH4004	1-533-233-11	FUSE HOLDER	
		*****				< IC >	
				IC4000	8-759-474-09	IC SI-8050S-LF1101	
				IC4001	6-712-052-01	IC SI-8001FFE	
						< COIL >	
				L4000	1-456-545-11	COIL, CHOKE 100uH	
				L4001	1-457-508-11	COIL, CHOKE	
				L4100	1-456-545-11	COIL, CHOKE 100uH	
				L4101	1-481-254-11	COIL, CHOKE	

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
< RESISTOR >						C2251	1-112-080-11	ELECT	470uF	20%	10V (EXCEPT US, CND)
R4001	1-218-831-11	METAL CHIP	220	0.5%	1/10W	C2251	1-126-925-91	ELECT	470uF	20%	10V (US, CND)
R4002	1-218-835-11	METAL CHIP	330	0.5%	1/10W						
R4003	1-218-847-11	METAL CHIP	1K	0.5%	1/10W						
R4100	1-218-835-11	METAL CHIP	330	0.5%	1/10W						
R4101	1-218-839-11	METAL CHIP	470	0.5%	1/10W						
R4102	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W	C2252	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
*****						C2253	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
A-1433-571-A A-1486-778-A	DIGITAL AUDIO BOARD, COMPLETE (US, CND)					C2254	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
	DIGITAL AUDIO BOARD, COMPLETE (EXCEPT US, CND)					C2255	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
	*****					C2256	1-112-121-11	ELECT	100uF	20%	16V (EXCEPT US, CND)
3-087-053-01	+BVTP2.6 (3CR)					C2256	1-126-933-11	ELECT	100uF	20%	16V (US, CND)
< CAPACITOR >						C2257	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2201	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2258	1-112-121-11	ELECT	100uF	20%	16V (EXCEPT US, CND)
C2202	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2258	1-126-933-11	ELECT	100uF	20%	16V (US, CND)
C2203	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						
C2207	1-126-947-11	ELECT	47uF	20%	35V (US, CND)						
C2207	1-112-089-11	ELECT	47uF	20%	25V (EXCEPT US, CND)						
C2208	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V						
C2209	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2259	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2210	1-126-947-11	ELECT	47uF	20%	35V (US, CND)	C2261	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2210	1-112-089-11	ELECT	47uF	20%	25V (EXCEPT US, CND)	C2262	1-112-089-11	ELECT	47uF	20%	25V (EXCEPT US, CND)
C2211	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2262	1-126-947-11	ELECT	47uF	20%	35V (US, CND)
C2221	1-112-080-11	ELECT	470uF	20%	10V (EXCEPT US, CND)	C2271	1-112-114-11	ELECT	22uF	20%	50V (EXCEPT US, CND)
C2221	1-126-925-91	ELECT	470uF	20%	10V (US, CND)	C2271	1-126-965-91	ELECT	22uF	20%	50V (US, CND)
C2222	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						
C2223	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						
C2224	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						
C2225	1-162-910-11	CERAMIC CHIP	5PF	0.25PF	50V						
C2226	1-162-911-11	CERAMIC CHIP	6PF	0.5PF	50V	C2272	1-112-121-11	ELECT	100uF	20%	16V (EXCEPT US, CND)
C2227	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2272	1-126-933-11	ELECT	100uF	20%	16V (US, CND)
C2228	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2273	1-112-114-11	ELECT	22uF	20%	50V (EXCEPT US, CND)
C2231	1-112-080-11	ELECT	470uF	20%	10V (EXCEPT US, CND)	C2273	1-126-965-91	ELECT	22uF	20%	50V (US, CND)
C2231	1-126-925-91	ELECT	470uF	20%	10V (US, CND)	C2274	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C2232	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2278	1-112-100-11	ELECT	10uF	20%	50V (EXCEPT US, CND)
C2233	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2278	1-126-964-11	ELECT	10uF	20%	50V (US, CND)
C2234	1-112-121-11	ELECT	100uF	20%	16V (EXCEPT US, CND)	C2279	1-112-080-11	ELECT	470uF	20%	10V (EXCEPT US, CND)
C2234	1-126-933-11	ELECT	100uF	20%	16V (US, CND)	C2279	1-126-925-91	ELECT	470uF	20%	10V (US, CND)
C2235	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V	C2281	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2236	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2282	1-112-100-11	ELECT	10uF	20%	50V (EXCEPT US, CND)
C2243	1-112-121-11	ELECT	100uF	20%	16V (EXCEPT US, CND)	C2282	1-126-964-11	ELECT	10uF	20%	50V (US, CND)
C2243	1-126-933-11	ELECT	100uF	20%	16V (US, CND)	C2283	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C2245	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C2289	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C2246	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2290	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2247	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2291	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C2248	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2294	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2250	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2295	1-112-100-11	ELECT	10uF	20%	50V (EXCEPT US, CND)
						C2295	1-126-964-11	ELECT	10uF	20%	50V (US, CND)
						C2296	1-112-100-11	ELECT	10uF	20%	50V (EXCEPT US, CND)
						C2296	1-126-964-11	ELECT	10uF	20%	50V (US, CND)
						C2297	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
						C2300	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C2303	1-112-100-11	ELECT	10uF	20%	50V (EXCEPT US, CND)	C2425	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2303	1-126-964-11	ELECT	10uF	20%	50V (US, CND)	C2426	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C2304	1-112-100-11	ELECT	10uF	20%	50V (EXCEPT US, CND)	C2427	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C2304	1-126-964-11	ELECT	10uF	20%	50V (US, CND)	C2428	1-126-965-91	ELECT	22uF	20%	50V
C2305	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C2429	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2309	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C2430	1-165-722-11	ELECT	100uF	20%	10V
C2314	1-112-100-11	ELECT	10uF	20%	50V (EXCEPT US, CND)	C2431	1-112-119-11	ELECT	470uF	20%	10V
C2314	1-126-964-11	ELECT	10uF	20%	50V (US, CND)	C2432	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2316	1-112-100-11	ELECT	10uF	20%	50V (EXCEPT US, CND)	C2436	1-112-119-11	ELECT	470uF	20%	10V
C2316	1-126-964-11	ELECT	10uF	20%	50V (US, CND)	C2437	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2317	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C2438	1-112-100-11	ELECT	10uF	20%	50V
C2329	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C2439	1-112-100-11	ELECT	10uF	20%	50V
C2337	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	< CONNECTOR >					
C2361	1-162-979-11	CERAMIC CHIP	0.0027uF	10%	50V	CN2206	1-785-910-21	CONNECTOR, BOARD TO BOARD	50P		
C2362	1-162-979-11	CERAMIC CHIP	0.0027uF	10%	50V	CN2208	1-784-923-11	PIN, CONNECTOR	7P		
C2363	1-162-979-11	CERAMIC CHIP	0.0027uF	10%	50V	CN2213	1-770-410-11	CONNECTOR, BOARD TO BOARD	18P		
C2364	1-162-979-11	CERAMIC CHIP	0.0027uF	10%	50V	CN2219	1-770-410-11	CONNECTOR, BOARD TO BOARD	18P		
C2365	1-162-979-11	CERAMIC CHIP	0.0027uF	10%	50V	CN2221	1-784-927-11	PIN, CONNECTOR	12P		
C2366	1-162-979-11	CERAMIC CHIP	0.0027uF	10%	50V	CN2222	1-764-865-41	CONNECTOR, BOARD TO BOARD	13P		
C2367	1-162-979-11	CERAMIC CHIP	0.0027uF	10%	50V	CN2223	1-573-829-11	CONNECTOR, BOARD TO BOARD	15P		
C2368	1-162-979-11	CERAMIC CHIP	0.0027uF	10%	50V	CN2226	1-817-615-21	CONNECTOR, SQUARE TYPE (RECE)	(DMPORT)		
C2369	1-164-388-91	CERAMIC CHIP	270PF	5%	50V	< DIODE >					
C2370	1-164-388-91	CERAMIC CHIP	270PF	5%	50V	D2201	6-501-817-01	DIODE	MA2J1110GLS0		
C2371	1-164-388-91	CERAMIC CHIP	270PF	5%	50V	D2202	6-501-817-01	DIODE	MA2J1110GLS0		
C2372	1-164-388-91	CERAMIC CHIP	270PF	5%	50V	D2203	6-501-817-01	DIODE	MA2J1110GLS0		
C2373	1-164-388-91	CERAMIC CHIP	270PF	5%	50V	< FERRITE BEAD >					
C2374	1-164-388-91	CERAMIC CHIP	270PF	5%	50V	FB2201	1-469-152-11	FERRITE, EMI (SMD)	(2012)		
C2375	1-164-388-91	CERAMIC CHIP	270PF	5%	50V	FB2203	1-469-139-21	FERRITE, EMI (SMD)	(2012)		
C2376	1-164-388-91	CERAMIC CHIP	270PF	5%	50V	FB2204	1-469-139-21	FERRITE, EMI (SMD)	(2012)		
C2377	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	FB2205	1-469-152-11	FERRITE, EMI (SMD)	(2012)		
C2383	1-112-080-11	ELECT	470uF	20%	10V (EXCEPT US, CND)	FB2206	1-469-139-21	FERRITE, EMI (SMD)	(2012)		
C2383	1-126-925-91	ELECT	470uF	20%	10V (US, CND)	FB2207	1-469-152-11	FERRITE, EMI (SMD)	(2012)		
C2397	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	FB2208	1-469-152-11	FERRITE, EMI (SMD)	(2012)		
C2398	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	FB2211	1-469-152-11	FERRITE, EMI (SMD)	(2012)		
C2402	1-112-080-11	ELECT	470uF	20%	10V (EXCEPT US, CND)	FB2212	1-469-152-11	FERRITE, EMI (SMD)	(2012)		
C2402	1-126-925-91	ELECT	470uF	20%	10V (US, CND)	FB2213	1-469-152-11	FERRITE, EMI (SMD)	(2012)		
C2404	1-112-119-11	ELECT	470uF	20%	10V	FB2214	1-469-152-11	FERRITE, EMI (SMD)	(2012)		
C2405	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	FB2215	1-469-152-11	FERRITE, EMI (SMD)	(2012)		
C2406	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	FB2217	1-469-152-11	FERRITE, EMI (SMD)	(2012)		
C2407	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	FB2220	1-469-152-11	FERRITE, EMI (SMD)	(2012)		
C2408	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	FB2221	1-469-152-11	FERRITE, EMI (SMD)	(2012)		
C2409	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	FB2222	1-469-152-11	FERRITE, EMI (SMD)	(2012)		
C2414	1-112-089-11	ELECT	47uF	20%	25V	FB2223	1-469-152-11	FERRITE, EMI (SMD)	(2012)		
C2416	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	FB2224	1-469-670-21	FERRITE, EMI (SMD)	(2012)		
C2417	1-165-722-11	ELECT	100uF	20%	10V	< IC >					
C2418	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	IC2201	6-600-466-01	IC	TORX147L (SONY) (TV OPTICAL IN)		
C2419	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	IC2202	6-600-466-01	IC	TORX147L (SONY) (DIGITAL OPTICAL VIDEO 1 IN)		
C2422	1-112-121-11	ELECT	100uF	20%	16V	IC2204	6-600-466-01	IC	TORX147L (SONY) (DIGITAL OPTICAL SAT IN)		
C2423	1-112-121-11	ELECT	100uF	20%	16V	IC2208	6-708-025-01	IC	LC89057W-VF4A-E		
C2424	1-112-089-11	ELECT	47uF	20%	25V	IC2211	8-759-524-48	IC	TC74VHC393FT (EL)		
						IC2212	8-759-524-10	IC	TC74VHC157FT (EL)		
						IC2219	8-759-710-97	IC	NJM4565M-D		
						IC2220	8-759-710-97	IC	NJM4565M-D		
						IC2221	8-759-710-97	IC	NJM4565M-D		

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
IC2222	8-759-710-97	IC NJM4565M-D				R2282	1-216-809-11	METAL CHIP	100	5%	1/10W
IC2226	8-759-447-77	IC TC7WH74FU (TE12R)				R2287	1-216-833-11	METAL CHIP	10K	5%	1/10W
IC2230	6-705-337-01	IC TK11150CSCL-G				R2288	1-216-809-11	METAL CHIP	100	5%	1/10W
IC2232	8-759-523-81	IC TC74VHC08FT (EL)				R2293	1-216-835-11	METAL CHIP	15K	5%	1/10W
IC2233	6-710-554-01	IC PCM1808PWR				R2294	1-216-821-11	METAL CHIP	1K	5%	1/10W
IC2234	8-759-592-47	IC TC7SZ08FU (TE85R)				R2295	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R2296	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
IC2236	8-759-082-61	IC TC4W53FU				R2298	1-216-845-11	METAL CHIP	100K	5%	1/10W
IC2238	6-708-785-01	IC PCM1609APT				R2299	1-216-845-11	METAL CHIP	100K	5%	1/10W
IC2239	8-759-096-87	IC TC7WU04FU (TE12R)				R2301	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
IC2240	6-712-614-01	IC SI-3050KM-TLS				R2302	1-216-821-11	METAL CHIP	1K	5%	1/10W
IC2241	6-707-744-01	IC SI-3033KM-TL				R2304	1-216-835-11	METAL CHIP	15K	5%	1/10W
IC2242	6-702-381-01	IC SI-3011ZD-TL				R2305	1-216-821-11	METAL CHIP	1K	5%	1/10W
		< JACK >				R2307	1-216-835-11	METAL CHIP	15K	5%	1/10W
J2001	1-784-431-11	JACK, PIN 1P (DIGITAL COAXIAL DVD IN)				R2308	1-216-821-11	METAL CHIP	1K	5%	1/10W
		< TRANSISTOR >				R2309	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q2205	8-729-027-43	TRANSISTOR DTC114EKA-T146				R2310	1-216-809-11	METAL CHIP	100	5%	1/10W
Q2206	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF				R2312	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
		< RESISTOR >				R2313	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2201	1-216-821-11	METAL CHIP	1K	5%	1/10W	R2314	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2202	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2315	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R2203	1-208-755-11	METAL CHIP	75	0.5%	1/10W	R2316	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2206	1-216-809-11	METAL CHIP	100	5%	1/10W	R2317	1-216-835-11	METAL CHIP	15K	5%	1/10W
R2207	1-216-809-11	METAL CHIP	100	5%	1/10W	R2318	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2208	1-216-809-11	METAL CHIP	100	5%	1/10W	R2319	1-216-835-11	METAL CHIP	15K	5%	1/10W
R2209	1-216-809-11	METAL CHIP	100	5%	1/10W	R2320	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2210	1-216-809-11	METAL CHIP	100	5%	1/10W	R2321	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2212	1-216-809-11	METAL CHIP	100	5%	1/10W	R2322	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R2213	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2323	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2214	1-208-774-11	METAL CHIP	470	0.5%	1/10W	R2324	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2217	1-208-550-41	RES-CHIP	470K	2%	1/10W	R2325	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R2221	1-208-526-41	RES-CHIP	47K	2%	1/10W	R2326	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2224	1-216-809-11	METAL CHIP	100	5%	1/10W	R2327	1-216-835-11	METAL CHIP	15K	5%	1/10W
R2225	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2328	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2226	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2333	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2228	1-216-809-11	METAL CHIP	100	5%	1/10W	R2336	1-216-835-11	METAL CHIP	15K	5%	1/10W
R2229	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2337	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2231	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2338	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R2233	1-216-857-11	METAL CHIP	1M	5%	1/10W	R2342	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2235	1-216-813-11	METAL CHIP	220	5%	1/10W	R2344	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2236	1-216-809-11	METAL CHIP	100	5%	1/10W	R2347	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R2238	1-216-816-11	METAL CHIP	390	5%	1/10W	R2349	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2242	1-216-805-11	METAL CHIP	47	5%	1/10W	R2354	1-216-835-11	METAL CHIP	15K	5%	1/10W
R2243	1-216-635-11	METAL CHIP	220	0.5%	1/10W	R2355	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2246	1-216-816-11	METAL CHIP	390	5%	1/10W	R2375	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2253	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2376	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2256	1-216-809-11	METAL CHIP	100	5%	1/10W	R2377	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2257	1-216-809-11	METAL CHIP	100	5%	1/10W	R2378	1-216-809-11	METAL CHIP	100	5%	1/10W
R2258	1-216-809-11	METAL CHIP	100	5%	1/10W	R2379	1-216-809-11	METAL CHIP	100	5%	1/10W
R2259	1-216-805-11	METAL CHIP	47	5%	1/10W	R2380	1-216-809-11	METAL CHIP	100	5%	1/10W
R2260	1-216-805-11	METAL CHIP	47	5%	1/10W	R2381	1-216-809-11	METAL CHIP	100	5%	1/10W
R2261	1-216-805-11	METAL CHIP	47	5%	1/10W	R2387	1-216-797-11	METAL CHIP	10	5%	1/10W
R2262	1-216-805-11	METAL CHIP	47	5%	1/10W	R2388	1-216-797-11	METAL CHIP	10	5%	1/10W
R2265	1-216-811-11	METAL CHIP	150	5%	1/10W	R2389	1-216-797-11	METAL CHIP	10	5%	1/10W
R2267	1-216-809-11	METAL CHIP	100	5%	1/10W	R2390	1-216-797-11	METAL CHIP	10	5%	1/10W
R2277	1-216-805-11	METAL CHIP	47	5%	1/10W	R2391	1-216-797-11	METAL CHIP	10	5%	1/10W
R2278	1-216-797-11	METAL CHIP	10	5%	1/10W	R2392	1-216-797-11	METAL CHIP	10	5%	1/10W
						R2393	1-216-797-11	METAL CHIP	10	5%	1/10W
						R2394	1-216-797-11	METAL CHIP	10	5%	1/10W
						R2395	1-216-833-11	METAL CHIP	10K	5%	1/10W

STR-DG820

DIGITAL AUDIO

DISPLAY

Ref. No.	Part No.	Description			Remark
R2397	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2407	1-216-809-11	METAL CHIP	100	5%	1/10W
R2408	1-216-809-11	METAL CHIP	100	5%	1/10W
R2409	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2410	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2411	1-216-857-11	METAL CHIP	1M	5%	1/10W
R2412	1-216-805-11	METAL CHIP	47	5%	1/10W
R2413	1-216-864-11	SHORT CHIP	0		
R2417	1-216-809-11	METAL CHIP	100	5%	1/10W
R2432	1-216-813-11	METAL CHIP	220	5%	1/10W
R2444	1-216-809-11	METAL CHIP	100	5%	1/10W
R2445	1-216-864-11	SHORT CHIP	0		
R2446	1-216-864-11	SHORT CHIP	0		
R2447	1-216-864-11	SHORT CHIP	0		
R2451	1-216-809-11	METAL CHIP	100	5%	1/10W
R2452	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2465	1-216-864-11	SHORT CHIP	0		
R2466	1-216-809-11	METAL CHIP	100	5%	1/10W
R2467	1-216-864-11	SHORT CHIP	0		
R2468	1-216-809-11	METAL CHIP	100	5%	1/10W
R2469	1-216-864-11	SHORT CHIP	0		
R2470	1-216-864-11	SHORT CHIP	0		
R2471	1-216-864-11	SHORT CHIP	0		
R2473	1-216-864-11	SHORT CHIP	0		
R2474	1-216-864-11	SHORT CHIP	0		
R2475	1-216-864-11	SHORT CHIP	0		
R2477	1-216-864-11	SHORT CHIP	0		
R2478	1-216-864-11	SHORT CHIP	0		
R2479	1-216-864-11	SHORT CHIP	0		
R2482	1-216-864-11	SHORT CHIP	0		
R2483	1-216-864-11	SHORT CHIP	0		
R2484	1-216-864-11	SHORT CHIP	0		
R2486	1-216-864-11	SHORT CHIP	0		
R2487	1-216-864-11	SHORT CHIP	0		
R2488	1-216-864-11	SHORT CHIP	0		
R2490	1-216-864-11	SHORT CHIP	0		
R2500	1-216-864-11	SHORT CHIP	0		
R2501	1-216-864-11	SHORT CHIP	0		
R2502	1-216-809-11	METAL CHIP	100	5%	1/10W
R2504	1-216-809-11	METAL CHIP	100	5%	1/10W
R2510	1-216-864-11	SHORT CHIP	0		
R2511	1-216-809-11	METAL CHIP	100	5%	1/10W
R2512	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2513	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2514	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2515	1-216-805-11	METAL CHIP	47	5%	1/10W
R2516	1-216-809-11	METAL CHIP	100	5%	1/10W
R2517	1-216-809-11	METAL CHIP	100	5%	1/10W
R2519	1-216-864-11	SHORT CHIP	0		
R2520	1-216-864-11	SHORT CHIP	0		
R2522	1-216-801-11	METAL CHIP	22	5%	1/10W
R2523	1-216-801-11	METAL CHIP	22	5%	1/10W
R2524	1-216-801-11	METAL CHIP	22	5%	1/10W
R2526	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2527	1-216-864-11	SHORT CHIP	0		
R2528	1-216-864-11	SHORT CHIP	0		
R2529	1-216-864-11	SHORT CHIP	0		
R2530	1-216-864-11	SHORT CHIP	0		
R2531	1-216-864-11	SHORT CHIP	0		
R2532	1-216-864-11	SHORT CHIP	0		

Ref. No.	Part No.	Description			Remark
R2533	1-216-864-11	SHORT CHIP	0		
R2534	1-216-864-11	SHORT CHIP	0		
R2535	1-216-864-11	SHORT CHIP	0		
R2536	1-216-864-11	SHORT CHIP	0		
R2537	1-216-809-11	METAL CHIP	100	5%	1/10W
R2538	1-216-809-11	METAL CHIP	100	5%	1/10W
R2539	1-216-809-11	METAL CHIP	100	5%	1/10W
R2540	1-216-809-11	METAL CHIP	100	5%	1/10W
R2541	1-216-809-11	METAL CHIP	100	5%	1/10W
R2543	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R2544	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R2545	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W
R2550	1-216-809-11	METAL CHIP	100	5%	1/10W
R2551	1-216-809-11	METAL CHIP	100	5%	1/10W
< VIBRATOR >					
X2201	1-795-219-21	VIBRATOR, CRYSTAL (24.576MHz)			

A-1486-786-A		DISPLAY BOARD, COMPLETE			

< CAPACITOR >					
C701	1-126-786-11	ELECT	47uF	20%	16V
C704	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C706	1-126-786-11	ELECT	47uF	20%	16V
C707	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C708	1-126-795-11	ELECT	10uF	20%	50V
C710	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C711	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C713	1-107-378-11	MYLAR	0.0039uF	5%	200V
C714	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C715	1-137-807-31	ELECT	100uF	20%	50V
C716	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C759	1-115-871-11	ELECT	1uF	20%	50V
C760	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C761	1-126-795-11	ELECT	10uF	20%	50V
C763	1-124-234-00	ELECT	22uF	20%	16V
C764	1-124-234-00	ELECT	22uF	20%	16V
C765	1-162-921-11	CERAMIC CHIP	33PF	5%	50V
C766	1-162-921-11	CERAMIC CHIP	33PF	5%	50V
C767	1-115-871-11	ELECT	1uF	20%	50V
C768	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C769	1-126-786-11	ELECT	47uF	20%	16V
C770	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C771	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C775	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C776	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C778	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C780	1-126-786-11	ELECT	47uF	20%	16V
C784	1-165-733-31	ELECT	100uF	20%	25V
C785	1-126-796-11	ELECT	22uF	20%	50V
< CONNECTOR >					
* CN707	1-691-408-11	CONNECTOR, BOARD TO BOARD 7P			
< DIODE >					
D704	8-719-041-97	DIODE MA113- (TX)			
D705	8-719-041-97	DIODE MA113- (TX)			
D706	8-719-041-97	DIODE MA113- (TX)			

DISPLAY

DSP

Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description	Remark			
D707	8-719-041-97	DIODE MA113- (TX)					R774	1-216-841-11	METAL CHIP 47K	5%	1/10W		
D708	6-501-738-01	DIODE MAZ8062GMLS0					R775	1-216-841-11	METAL CHIP 47K	5%	1/10W		
							R777	1-216-829-11	METAL CHIP 4.7K	5%	1/10W		
D709	6-501-817-01	DIODE MA2J1110GLS0					R779	1-216-833-11	METAL CHIP 10K	5%	1/10W		
D710	6-501-817-01	DIODE MA2J1110GLS0					R780	1-218-866-11	METAL CHIP 6.2K	0.5%	1/10W		
D712	8-719-049-09	DIODE 1SS367-T3SONY					R781	1-216-841-11	METAL CHIP 47K	5%	1/10W		
		< FERRITE BEAD >					R782	1-216-842-11	METAL CHIP 56K	5%	1/10W		
							R783	1-216-829-11	METAL CHIP 4.7K	5%	1/10W		
FB701	1-469-152-11	FERRITE, EMI (SMD) (2012)											
		< IC >					R786	1-216-829-11	METAL CHIP 4.7K	5%	1/10W		
							R787	1-216-829-11	METAL CHIP 4.7K	5%	1/10W		
IC701	6-600-349-31	IC NJL24H400A					R788	1-216-821-11	METAL CHIP 1K	5%	1/10W		
IC705	8-759-701-01	IC NJM2904M					R790	1-216-833-11	METAL CHIP 10K	5%	1/10W		
IC708	6-705-308-01	IC SI-3010KM-TL					R791	1-216-833-11	METAL CHIP 10K	5%	1/10W		
		< COIL >											
L701	1-421-967-11	COIL, CHOKE 100uH					R792	1-216-845-11	METAL CHIP 100K	5%	1/10W		
		< FLUORESCENT INDICATOR TUBE >					R793	1-216-845-11	METAL CHIP 100K	5%	1/10W		
							R794	1-216-821-11	METAL CHIP 1K	5%	1/10W		
ND701	1-483-000-11	FL TUBE					R796	1-218-867-11	METAL CHIP 6.8K	0.5%	1/10W		
		< TRANSISTOR >					R807	1-218-895-11	METAL CHIP 100K	0.5%	1/10W		
Q701	8-729-027-43	TRANSISTOR DTC114EKA-T146											
Q705	8-729-808-42	TRANSISTOR 2SD1624-T					S701	1-771-410-21	SWITCH, TACTILE (MUSIC)				
Q706	8-729-808-42	TRANSISTOR 2SD1624-T					S702	1-771-410-21	SWITCH, TACTILE (MOVIE)				
Q709	8-729-027-43	TRANSISTOR DTC114EKA-T146					S703	1-771-410-21	SWITCH, TACTILE (A.F.D.)				
Q710	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF					S704	1-771-410-21	SWITCH, TACTILE (2CH/A.DIRECT)				
							S705	1-771-410-21	SWITCH, TACTILE (DIMMER)				
Q711	6-551-696-01	TRANSISTOR ISA1235AC1TP-1EF											
Q712	8-729-027-23	TRANSISTOR DTA114EKA-T146					S708	1-771-410-21	SWITCH, TACTILE (MEMORY/ENTER)				
Q713	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF					S711	1-771-410-21	SWITCH, TACTILE (DISPLAY)				
Q714	8-729-027-43	TRANSISTOR DTC114EKA-T146					S712	1-771-410-21	SWITCH, TACTILE (INPUT MODE)				
		< RESISTOR >					S715	1-418-817-31	ENCODER, ROTARY (INPUT SELECTOR)				
							S722	1-418-725-41	ENCODER, ROTARY (12 TYPE)				
										(MASTER VOLUME)			
R701	1-216-821-11	METAL CHIP 1K	5%	1/10W									
R704	1-216-864-11	SHORT CHIP 0											
R706	1-216-797-11	METAL CHIP 10	5%	1/10W									
△ R707	1-249-387-91	CARBON 3.3	5%	1/4W	F		T701	1-445-015-11	TRANSFORMER, DC-DC CONVERTER				
△ R708	1-249-387-91	CARBON 3.3	5%	1/4W	F		*****						
R709	1-216-809-11	METAL CHIP 100	5%	1/10W				A-1439-165-A	DSP BOARD, COMPLETE				
R710	1-216-809-11	METAL CHIP 100	5%	1/10W					*****				
R711	1-216-809-11	METAL CHIP 100	5%	1/10W									
R712	1-216-809-11	METAL CHIP 100	5%	1/10W					< CAPACITOR >				
R716	1-216-809-11	METAL CHIP 100	5%	1/10W									
R717	1-216-809-11	METAL CHIP 100	5%	1/10W			C5001	1-112-071-11	ELECT CHIP 220uF	20%	6.3V		
R718	1-216-809-11	METAL CHIP 100	5%	1/10W			C5007	1-112-075-11	ELECT CHIP 47uF	20%	16V		
R724	1-216-821-11	METAL CHIP 1K	5%	1/10W			C5012	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V		
R727	1-216-829-11	METAL CHIP 4.7K	5%	1/10W			C5088	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V		
R728	1-216-825-11	METAL CHIP 2.2K	5%	1/10W			C5091	1-165-989-11	CERAMIC CHIP 10uF	10%	6.3V		
R729	1-216-825-11	METAL CHIP 2.2K	5%	1/10W			C5094	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V		
R730	1-216-821-11	METAL CHIP 1K	5%	1/10W			C5095	1-165-989-11	CERAMIC CHIP 10uF	10%	6.3V		
R731	1-216-830-11	METAL CHIP 5.6K	5%	1/10W			C5117	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V		
R733	1-216-825-11	METAL CHIP 2.2K	5%	1/10W			C5120	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V		
R734	1-216-838-11	METAL CHIP 27K	5%	1/10W			C5126	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V		
R735	1-216-821-11	METAL CHIP 1K	5%	1/10W			C5132	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V		
R736	1-216-821-11	METAL CHIP 1K	5%	1/10W			C5139	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V		
R757	1-216-809-11	METAL CHIP 100	5%	1/10W			C5140	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V		
R758	1-216-812-11	METAL CHIP 180	5%	1/10W			C5144	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V		
R759	1-216-833-11	METAL CHIP 10K	5%	1/10W			C5150	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V		
R772	1-216-825-11	METAL CHIP 2.2K	5%	1/10W			C5155	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V		
R773	1-216-809-11	METAL CHIP 100	5%	1/10W			C5161	1-114-385-11	ELECT CHIP 470uF	20%	6.3V		
							C5162	1-114-385-11	ELECT CHIP 470uF	20%	6.3V		

DSP

Ref. No.	Part No.	Description	Remark		
C5163	1-162-913-11	CERAMIC CHIP 8PF	0.5PF	50V	
C5164	1-162-913-11	CERAMIC CHIP 8PF	0.5PF	50V	
C5165	1-162-962-11	CERAMIC CHIP 470PF	10%	50V	
C5166	1-162-962-11	CERAMIC CHIP 470PF	10%	50V	
C5168	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V	
C5170	1-165-989-11	CERAMIC CHIP 10uF	10%	6.3V	
C5172	1-112-071-11	ELECT CHIP 220uF	20%	6.3V	
C5173	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V	
C5175	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V	
C5176	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V	
C5177	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V	
C5178	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V	
C5179	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V	
C5180	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V	
C5181	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V	
C5182	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V	
C5183	1-165-989-11	CERAMIC CHIP 10uF	10%	6.3V	
C5185	1-165-989-11	CERAMIC CHIP 10uF	10%	6.3V	
C5188	1-114-385-11	ELECT CHIP 470uF	20%	6.3V	
C5189	1-165-989-11	CERAMIC CHIP 10uF	10%	6.3V	
C5195	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V	
C5196	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V	
C5197	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V	
C5198	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V	
C5199	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V	
C5200	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V	
C5201	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V	
C5202	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V	
		< CONNECTOR >			
CN5001	1-815-136-21	CONNECTOR, BOARD TO BOARD			
CN5002	1-785-125-21	CONNECTOR 6P			
CN5003	1-784-254-11	CONNECTOR 10P			
		< FERRITE BEAD >			
FB5003	1-469-152-11	FERRITE, EMI (SMD) (2012)			
		< FILTER >			
FL5006	1-400-874-11	FILTER, EMI REMOVAL (SMD)			
FL5009	1-400-874-11	FILTER, EMI REMOVAL (SMD)			
FL5010	1-400-874-11	FILTER, EMI REMOVAL (SMD)			
FL5011	1-400-874-11	FILTER, EMI REMOVAL (SMD)			
FL5013	1-239-480-11	FILTER, EMI			
		< IC >			
IC5015	6-702-381-01	IC SI-3011ZD-TL			
IC5020	A-1551-000-A	IC SST25VF016B-50-4C-S2AF-T (for SERVICE)			
IC5021	(Not supplied)	IC D790E002BZDH300			
IC5022	6-711-832-01	IC M12L64322A-6TG			
		< RESISTOR >			
R5002	1-216-833-11	METAL CHIP 10K	5%	1/10W	
R5279	1-216-812-11	METAL CHIP 180	5%	1/10W	
R5280	1-216-857-11	METAL CHIP 1M	5%	1/10W	
R5290	1-216-805-11	METAL CHIP 47	5%	1/10W	
R5299	1-216-833-11	METAL CHIP 10K	5%	1/10W	
R5321	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5322	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5323	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5324	1-216-801-11	METAL CHIP 22	5%	1/10W	

Ref. No.	Part No.	Description	Remark		
R5325	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5326	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5327	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5331	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5332	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5333	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5334	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5335	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5336	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5337	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5341	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5346	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5347	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5348	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5349	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5350	1-216-821-11	METAL CHIP 1K	5%	1/10W	
R5355	1-216-833-11	METAL CHIP 10K	5%	1/10W	
R5357	1-216-821-11	METAL CHIP 1K	5%	1/10W	
R5358	1-216-821-11	METAL CHIP 1K	5%	1/10W	
R5359	1-216-821-11	METAL CHIP 1K	5%	1/10W	
R5363	1-218-871-11	METAL CHIP 10K	0.5%	1/10W	
R5365	1-218-839-11	METAL CHIP 470	0.5%	1/10W	
R5368	1-216-833-11	METAL CHIP 10K	5%	1/10W	
R5369	1-216-833-11	METAL CHIP 10K	5%	1/10W	
R5373	1-216-833-11	METAL CHIP 10K	5%	1/10W	
R5375	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5376	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5377	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5378	1-216-821-11	METAL CHIP 1K	5%	1/10W	
R5379	1-218-847-11	METAL CHIP 1K	0.5%	1/10W	
R5384	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5385	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5386	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5387	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5391	1-216-833-11	METAL CHIP 10K	5%	1/10W	
R5392	1-216-833-11	METAL CHIP 10K	5%	1/10W	
R5393	1-216-864-11	SHORT CHIP 0			
R5394	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5397	1-216-833-11	METAL CHIP 10K	5%	1/10W	
R5399	1-216-833-11	METAL CHIP 10K	5%	1/10W	
R5402	1-216-833-11	METAL CHIP 10K	5%	1/10W	
R5403	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5404	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5405	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5406	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5407	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5410	1-216-833-11	METAL CHIP 10K	5%	1/10W	
R5411	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5412	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5413	1-216-801-11	METAL CHIP 22	5%	1/10W	
R5414	1-216-801-11	METAL CHIP 22	5%	1/10W	
		< COMPOSITION CIRCUIT BLOCK >			
RB009	1-234-372-11	RES, NETWORK 100 (1005X4)			
RB010	1-234-372-11	RES, NETWORK 100 (1005X4)			
RB011	1-234-372-11	RES, NETWORK 100 (1005X4)			
RB012	1-234-372-11	RES, NETWORK 100 (1005X4)			
RB013	1-234-372-11	RES, NETWORK 100 (1005X4)			
RB014	1-234-372-11	RES, NETWORK 100 (1005X4)			
RB015	1-234-372-11	RES, NETWORK 100 (1005X4)			

Note: When IC5021 cannot exchange with single. When IC5021 is damaged, exchange the entire mounted board.

DSP

FRONT V2

HDMI

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
RB016	1-234-372-11	RES, NETWORK 100 (1005X4)		A	A-1486-810-A	HDMI BOARD, COMPLETE (for SERVICE)	
RB019	1-234-373-21	RES, NETWORK 220 (1005X4)				*****	
RB021	1-234-373-21	RES, NETWORK 220 (1005X4)				< CAPACITOR >	
RB022	1-234-373-21	RES, NETWORK 220 (1005X4)		C3000	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
RB024	1-234-373-21	RES, NETWORK 220 (1005X4)		C3001	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
RB025	1-234-373-21	RES, NETWORK 220 (1005X4)		C3002	1-128-995-21	ELECT CHIP 100uF 20% 10V	
RB026	1-234-373-21	RES, NETWORK 220 (1005X4)		C3003	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
		< VIBRATOR >		C3004	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
X002	1-813-868-21	VIBRATOR, CRYSTAL (25MHz)		C3005	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
*****				C3006	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
		FRONT V2 BOARD		C3503	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
		*****		C3505	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
		< CAPACITOR >		C3506	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C757	1-126-964-11	ELECT 10uF 20% 50V		C3507	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C758	1-126-964-11	ELECT 10uF 20% 50V		C3508	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C762	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V		C3509	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C810	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V		C3510	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C811	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V		C3511	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C812	1-100-597-91	CERAMIC CHIP 0.1uF 10% 25V		C3512	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C813	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V		C3513	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C815	1-164-733-11	CERAMIC CHIP 820PF 10% 50V		C3514	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C816	1-164-733-11	CERAMIC CHIP 820PF 10% 50V		C3515	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C818	1-100-597-91	CERAMIC CHIP 0.1uF 10% 25V		C3516	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C819	1-100-597-91	CERAMIC CHIP 0.1uF 10% 25V		C3517	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C820	1-100-597-91	CERAMIC CHIP 0.1uF 10% 25V		C3518	1-112-071-11	ELECT CHIP 220uF 20% 6.3V	
C821	1-100-597-91	CERAMIC CHIP 0.1uF 10% 25V		C3519	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
		< CONNECTOR >		C3520	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
* CN721	1-564-507-11	PLUG, CONNECTOR 4P		C3521	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
CN722	1-784-922-21	PIN, CONNECTOR 5P		C3522	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
CN725	1-784-925-11	PIN, CONNECTOR 10P		C3523	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
		< EARTH TERMINAL >		C3524	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
* ET702	1-537-738-21	TERMINAL, EARTH		C3525	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
* ET703	1-537-738-21	TERMINAL, EARTH		C3526	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
		< IC >		C3527	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
IC706	8-759-710-97	IC NJM4565M-D		C3528	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
		< JACK >		C3529	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
J702	1-815-313-11	JACK (PHONES)		C3530	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
J703	1-770-571-11	JACK BLOCK, PIN (L TYPE) 3P (VIDEO 2 IN/PORTABLE AV IN AUDIO/VIDEO)		C3531	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
		< RESISTOR >		C3532	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
R763	1-216-821-11	METAL CHIP 1K 5% 1/10W		C3533	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
R764	1-216-821-11	METAL CHIP 1K 5% 1/10W		C3534	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
R768	1-216-841-11	METAL CHIP 47K 5% 1/10W		C3535	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
R769	1-216-841-11	METAL CHIP 47K 5% 1/10W		C3536	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
R770	1-216-864-11	SHORT CHIP 0		C3537	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
R776	1-216-864-11	SHORT CHIP 0		C3538	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
R813	1-216-864-11	SHORT CHIP 0		C3539	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
R815	1-216-864-11	SHORT CHIP 0		C3540	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
*****				C3541	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
				C3542	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
				C3543	1-162-917-11	CERAMIC CHIP 15PF 5% 50V	
				C3544	1-162-916-11	CERAMIC CHIP 12PF 5% 50V	
				C3545	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
				C3546	1-112-071-11	ELECT CHIP 220uF 20% 6.3V	
				C3547	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
				C3548	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
				C3549	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
				C3550	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
				C3551	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
				C3552	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
				C3553	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	

HDMI

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C3554	1-112-071-11	ELECT CHIP 220uF	20% 6.3V			< DIODE >	
C3555	1-112-071-11	ELECT CHIP 220uF	20% 6.3V				
C3556	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	D3000	8-719-049-09	DIODE 1SS367-T3SONY	
C3557	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	D3001	8-719-049-09	DIODE 1SS367-T3SONY	
C3558	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	D3500	6-501-817-01	DIODE MA2J1110GLS0	
				D3501	6-501-817-01	DIODE MA2J1110GLS0	
C3559	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	D3511	8-719-073-81	DIODE EC21QS06-TE12L	
C3560	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V				
C3561	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	D3512	8-719-073-81	DIODE EC21QS06-TE12L	
C3562	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V			< EARTH TERMINAL >	
C3563	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	ET3501	1-780-318-11	TERMINAL	
				ET3502	1-780-318-11	TERMINAL	
C3564	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V			< FERRITE BEAD >	
C3565	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	FB3000	1-469-152-11	FERRITE, EMI (SMD) (2012)	
C3566	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	FB3500	1-469-324-21	FERRITE, EMI (SMD) (2012)	
C3567	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	FB3503	1-469-152-11	FERRITE, EMI (SMD) (2012)	
C3568	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	FB3504	1-469-324-21	FERRITE, EMI (SMD) (2012)	
				FB3505	1-469-324-21	FERRITE, EMI (SMD) (2012)	
C3569	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	FB3506	1-469-139-21	FERRITE, EMI (SMD) (2012)	
C3570	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	FB3507	1-469-139-21	FERRITE, EMI (SMD) (2012)	
C3571	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	FB3508	1-469-324-21	FERRITE, EMI (SMD) (2012)	
C3572	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V	FB3509	1-469-152-11	FERRITE, EMI (SMD) (2012)	
C3573	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	FB3510	1-414-813-11	FERRITE, EMI (SMD) (2012)	
						< COIL >	
C3576	1-128-995-21	ELECT CHIP 100uF	20% 10V	* FL3500	1-813-880-11	COMMON MODE CHOKE COIL	
C3577	1-128-994-21	ELECT CHIP 47uF	20% 10V	* FL3501	1-813-880-11	COMMON MODE CHOKE COIL	
C3578	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	* FL3502	1-813-880-11	COMMON MODE CHOKE COIL	
C3579	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	* FL3503	1-813-880-11	COMMON MODE CHOKE COIL	
C3580	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V			< IC >	
				IC3000	A-1550-924-A	IC M30620FCPGP U5C (for SERVICE)	
C3581	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	IC3501	8-753-282-08	IC CXB1444R-T6	
C3582	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	IC3502	6-708-758-01	IC PCA9517DP.118	
C3583	1-128-994-21	ELECT CHIP 47uF	20% 10V	IC3503	8-759-596-39	IC SN74LV4052APWR	
C3584	1-128-994-21	ELECT CHIP 47uF	20% 10V	IC3504	8-759-596-39	IC SN74LV4052APWR	
C3585	1-115-467-11	CERAMIC CHIP 0.22uF	10% 10V				
				IC3505	6-704-001-01	IC BR24L02F-WSE2	
C3586	1-128-995-21	ELECT CHIP 100uF	20% 10V	IC3506	(Not supplied)	IC SII9135CTU	
C3587	1-128-995-21	ELECT CHIP 100uF	20% 10V	IC3507	8-759-524-50	IC TC74VHC541FT (EL)	
C3588	1-115-467-11	CERAMIC CHIP 0.22uF	10% 10V	IC3508	(Not supplied)	IC SII9134CTU	
C3589	1-128-994-21	ELECT CHIP 47uF	20% 10V	IC3509	6-705-337-01	IC TK11150CSCSL-G	
C3590	1-100-669-11	ELECT CHIP 100uF	20% 10V				
				IC3510	6-705-337-01	IC TK11150CSCSL-G	
C3591	1-100-669-11	ELECT CHIP 100uF	20% 10V	IC3511	6-708-913-01	IC TK73400AU3G0L-C	
C3592	1-165-908-11	CERAMIC CHIP 1uF	10% 10V	IC3512	6-708-913-01	IC TK73400AU3G0L-C	
C3593	1-165-908-11	CERAMIC CHIP 1uF	10% 10V	IC3513	8-759-679-36	IC TC7WT125FU (TE12R)	
C3598	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V			< COIL >	
C3599	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V	L3500	1-469-525-91	INDUCTOR 10uH	
				L3501	1-469-525-91	INDUCTOR 10uH	
C3600	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V	L3502	1-469-525-91	INDUCTOR 10uH	
C3602	1-165-908-11	CERAMIC CHIP 1uF	10% 10V	L3503	1-469-525-91	INDUCTOR 10uH	
C3603	1-128-995-21	ELECT CHIP 100uF	20% 10V	L3504	1-469-525-91	INDUCTOR 10uH	
C3604	1-128-995-21	ELECT CHIP 100uF	20% 10V				
C3605	1-115-467-11	CERAMIC CHIP 0.22uF	10% 10V	L3505	1-469-525-91	INDUCTOR 10uH	
				L3506	1-469-525-91	INDUCTOR 10uH	
C3606	1-165-908-11	CERAMIC CHIP 1uF	10% 10V			< TRANSISTOR >	
C3608	1-128-994-21	ELECT CHIP 47uF	20% 10V	Q3500	6-551-696-01	TRANSISTOR ISA1235AC1TP-1EF	
C3609	1-128-994-21	ELECT CHIP 47uF	20% 10V	Q3501	6-551-696-01	TRANSISTOR ISA1235AC1TP-1EF	
C3610	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	Q3505	8-729-027-46	TRANSISTOR DTC114YKA-T146	
C3651	1-165-908-11	CERAMIC CHIP 1uF	10% 10V				
		< CONNECTOR >					
CN3001	1-784-859-51	CONNECTOR, FFC (LIF (NON-ZIF)) 7P					
CN3003	1-770-412-11	CONNECTOR, BOARD TO BOARD 6P					
CN3500	1-820-735-31	HDMI CONNECTOR (HDMI SAT IN)					
CN3501	1-820-735-31	HDMI CONNECTOR (HDMI DVD IN)					
CN3502	1-820-735-31	HDMI CONNECTOR (HDMI BD IN)					
CN3503	1-820-735-31	HDMI CONNECTOR (HDMI VIDEO 1 IN)					
CN3504	1-770-406-11	CONNECTOR, BOARD TO BOARD 10P					
CN3505	1-820-735-31	HDMI CONNECTOR (HDMI OUT)					
CN3507	1-779-993-11	PIN, CONNECTOR (PWB) 5P					

Note: When IC3506 and IC3508 cannot exchange with single. When IC3506 and IC3508 are damaged, exchange the entire mounted board.

Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description				Remark
< RESISTOR >						R3532	1-216-821-11	METAL CHIP	1K	5%	1/10W		
						R3533	1-216-864-11	SHORT CHIP	0				
R3001	1-216-805-11	METAL CHIP	47	5%	1/10W	R3536	1-216-833-11	METAL CHIP	10K	5%	1/10W		
R3002	1-216-809-11	METAL CHIP	100	5%	1/10W	R3541	1-216-864-11	SHORT CHIP	0				
R3003	1-216-864-11	SHORT CHIP	0			R3542	1-216-829-11	METAL CHIP	4.7K	5%	1/10W		
R3004	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3543	1-216-829-11	METAL CHIP	4.7K	5%	1/10W		
R3005	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3545	1-216-805-11	METAL CHIP	47	5%	1/10W		
R3006	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3546	1-216-805-11	METAL CHIP	47	5%	1/10W		
R3008	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3547	1-216-821-11	METAL CHIP	1K	5%	1/10W		
R3009	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	R3548	1-216-864-11	SHORT CHIP	0				
R3010	1-216-805-11	METAL CHIP	47	5%	1/10W	R3551	1-216-864-11	SHORT CHIP	0				
R3011	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	R3552	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W		
R3012	1-216-805-11	METAL CHIP	47	5%	1/10W	R3553	1-216-833-11	METAL CHIP	10K	5%	1/10W		
R3013	1-216-801-11	METAL CHIP	22	5%	1/10W	R3554	1-216-833-11	METAL CHIP	10K	5%	1/10W		
R3014	1-216-801-11	METAL CHIP	22	5%	1/10W	R3556	1-216-864-11	SHORT CHIP	0				
R3015	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3557	1-216-805-11	METAL CHIP	47	5%	1/10W		
R3016	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3558	1-216-833-11	METAL CHIP	10K	5%	1/10W		
R3018	1-216-805-11	METAL CHIP	47	5%	1/10W	R3559	1-216-833-11	METAL CHIP	10K	5%	1/10W		
R3020	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3560	1-216-833-11	METAL CHIP	10K	5%	1/10W		
R3021	1-216-805-11	METAL CHIP	47	5%	1/10W	R3561	1-216-805-11	METAL CHIP	47	5%	1/10W		
R3023	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3562	1-216-805-11	METAL CHIP	47	5%	1/10W		
R3024	1-216-805-11	METAL CHIP	47	5%	1/10W	R3563	1-216-805-11	METAL CHIP	47	5%	1/10W		
R3025	1-216-805-11	METAL CHIP	47	5%	1/10W	R3564	1-216-864-11	SHORT CHIP	0				
R3026	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3565	1-216-864-11	SHORT CHIP	0				
R3027	1-216-805-11	METAL CHIP	47	5%	1/10W	R3566	1-216-805-11	METAL CHIP	47	5%	1/10W		
R3028	1-216-864-11	SHORT CHIP	0			R3567	1-216-805-11	METAL CHIP	47	5%	1/10W		
R3029	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3568	1-216-864-11	SHORT CHIP	0				
R3030	1-216-805-11	METAL CHIP	47	5%	1/10W	R3570	1-216-805-11	METAL CHIP	47	5%	1/10W		
R3031	1-216-805-11	METAL CHIP	47	5%	1/10W	R3571	1-216-805-11	METAL CHIP	47	5%	1/10W		
R3032	1-216-805-11	METAL CHIP	47	5%	1/10W	R3572	1-216-805-11	METAL CHIP	47	5%	1/10W		
R3033	1-216-805-11	METAL CHIP	47	5%	1/10W	R3573	1-216-864-11	SHORT CHIP	0				
R3034	1-216-805-11	METAL CHIP	47	5%	1/10W	R3574	1-216-805-11	METAL CHIP	47	5%	1/10W		
R3035	1-216-805-11	METAL CHIP	47	5%	1/10W	R3575	1-216-805-11	METAL CHIP	47	5%	1/10W		
R3036	1-216-805-11	METAL CHIP	47	5%	1/10W	R3577	1-216-805-11	METAL CHIP	47	5%	1/10W		
R3037	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3578	1-216-805-11	METAL CHIP	47	5%	1/10W		
R3038	1-216-805-11	METAL CHIP	47	5%	1/10W	R3579	1-216-813-11	METAL CHIP	220	5%	1/10W		
R3501	1-216-864-11	SHORT CHIP	0			R3580	1-216-805-11	METAL CHIP	47	5%	1/10W		
R3503	1-216-864-11	SHORT CHIP	0			R3582	1-216-807-11	METAL CHIP	68	5%	1/10W		
R3505	1-216-864-11	SHORT CHIP	0			R3583	1-216-813-11	METAL CHIP	220	5%	1/10W		
R3508	1-216-864-11	SHORT CHIP	0			R3585	1-216-807-11	METAL CHIP	68	5%	1/10W		
R3509	1-216-837-11	METAL CHIP	22K	5%	1/10W	R3586	1-216-833-11	METAL CHIP	10K	5%	1/10W		
R3510	1-216-805-11	METAL CHIP	47	5%	1/10W	R3587	1-216-857-11	METAL CHIP	1M	5%	1/10W		
R3511	1-216-805-11	METAL CHIP	47	5%	1/10W	R3588	1-216-821-11	METAL CHIP	1K	5%	1/10W		
R3512	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R3589	1-216-809-11	METAL CHIP	100	5%	1/10W		
R3514	1-216-805-11	METAL CHIP	47	5%	1/10W	R3590	1-216-801-11	METAL CHIP	22	5%	1/10W		
R3515	1-216-805-11	METAL CHIP	47	5%	1/10W	R3591	1-216-829-11	METAL CHIP	4.7K	5%	1/10W		
R3517	1-216-805-11	METAL CHIP	47	5%	1/10W	R3592	1-216-805-11	METAL CHIP	47	5%	1/10W		
R3518	1-216-805-11	METAL CHIP	47	5%	1/10W	R3593	1-216-809-11	METAL CHIP	100	5%	1/10W		
R3520	1-216-805-11	METAL CHIP	47	5%	1/10W	R3594	1-216-809-11	METAL CHIP	100	5%	1/10W		
R3521	1-216-805-11	METAL CHIP	47	5%	1/10W	R3595	1-216-809-11	METAL CHIP	100	5%	1/10W		
R3522	1-216-841-11	METAL CHIP	47K	5%	1/10W	R3596	1-216-809-11	METAL CHIP	100	5%	1/10W		
R3523	1-216-841-11	METAL CHIP	47K	5%	1/10W	R3597	1-216-809-11	METAL CHIP	100	5%	1/10W		
R3524	1-216-841-11	METAL CHIP	47K	5%	1/10W	R3598	1-216-817-11	METAL CHIP	470	5%	1/10W		
R3525	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R3599	1-216-809-11	METAL CHIP	100	5%	1/10W		
R3526	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3600	1-216-864-11	SHORT CHIP	0				
R3527	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3602	1-216-864-11	SHORT CHIP	0				
R3528	1-216-837-11	METAL CHIP	22K	5%	1/10W	R3603	1-216-864-11	SHORT CHIP	0				
R3529	1-216-864-11	SHORT CHIP	0			R3604	1-216-864-11	SHORT CHIP	0				
R3530	1-216-841-11	METAL CHIP	47K	5%	1/10W	R3605	1-216-864-11	SHORT CHIP	0				
R3531	1-216-821-11	METAL CHIP	1K	5%	1/10W	R3606	1-216-805-11	METAL CHIP	47	5%	1/10W		

STR-DG820

Ver. 1.1

HDMI	JOG	LED	MAIN
------	-----	-----	------

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R3607	1-216-805-11	METAL CHIP	47	5%	1/10W	< VIBRATOR >					
R3608	1-216-805-11	METAL CHIP	47	5%	1/10W	X3000	1-795-244-11	VIBRATOR, CERAMIC (10MHz)			
R3609	1-216-805-11	METAL CHIP	47	5%	1/10W	X3500	1-813-570-21	VIBRATOR, CRYSTAL (28.322MHz)			
R3610	1-216-805-11	METAL CHIP	47	5%	1/10W	*****					
R3611	1-216-805-11	METAL CHIP	47	5%	1/10W	JOG BOARD					
R3612	1-216-805-11	METAL CHIP	47	5%	1/10W	*****					
R3613	1-216-805-11	METAL CHIP	47	5%	1/10W	< CAPACITOR >					
R3621	1-216-864-11	SHORT CHIP	0			C104	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
R3622	1-216-833-11	METAL CHIP	10K	5%	1/10W	C105	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
R3623	1-216-809-11	METAL CHIP	100	5%	1/10W	C106	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
R3624	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	C107	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
R3625	1-218-843-11	METAL CHIP	680	0.5%	1/10W	< CONNECTOR >					
R3626	1-216-797-11	METAL CHIP	10	5%	1/10W	* CN104	1-691-406-11	CONNECTOR, BOARD TO BOARD 7P			
R3627	1-216-797-11	METAL CHIP	10	5%	1/10W	< RESISTOR >					
R3628	1-216-864-11	SHORT CHIP	0			R112	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3629	1-216-805-11	METAL CHIP	47	5%	1/10W	R113	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3630	1-216-864-11	SHORT CHIP	0			< ROTARY ENCODER >					
R3631	1-216-805-11	METAL CHIP	47	5%	1/10W	RV103	1-418-817-31	ENCODER, ROTARY (– TUNING +)			
R3632	1-218-889-11	METAL CHIP	56K	0.5%	1/10W	RV104	1-418-817-31	ENCODER, ROTARY (– TONE +)			
R3633	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W	< SWITCH >					
R3634	1-216-833-11	METAL CHIP	10K	5%	1/10W	S113	1-771-410-21	SWITCH, TACTILE (TUNING MODE)			
R3635	1-218-883-11	METAL CHIP	33K	0.5%	1/10W	S114	1-771-410-21	SWITCH, TACTILE (TONE MODE)			
R3636	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	S115	1-771-410-21	SWITCH, TACTILE (SPEAKERS (OFF/A/B/A+B))			
R3637	1-216-864-11	SHORT CHIP	0			*****					
R3638	1-216-824-11	METAL CHIP	1.8K	5%	1/10W	LED BOARD					
R3639	1-216-824-11	METAL CHIP	1.8K	5%	1/10W	*****					
R3640	1-216-841-11	METAL CHIP	47K	5%	1/10W	< CONNECTOR >					
R3641	1-216-864-11	SHORT CHIP	0			CN719	1-779-978-11	PIN, CONNECTOR 3P			
R3644	1-216-821-11	METAL CHIP	1K	5%	1/10W	< LED >					
R3645	1-216-821-11	METAL CHIP	1K	5%	1/10W	D701	8-719-056-11	LED SML72423C-TP15 (ON/STANDBY)			
R3646	1-216-809-11	METAL CHIP	100	5%	1/10W	*****					
R3647	1-216-833-11	METAL CHIP	10K	5%	1/10W	< CAPACITOR >					
R3648	1-216-833-11	METAL CHIP	10K	5%	1/10W	C320	1-126-924-11	ELECT	330uF	20%	10V
R3649	1-216-833-11	METAL CHIP	10K	5%	1/10W	C323	1-126-924-11	ELECT	330uF	20%	10V
R3650	1-469-139-21	FERRITE, EMI (SMD) (2012)				C325	1-126-964-11	ELECT	10uF	20%	50V
R3651	1-469-139-21	FERRITE, EMI (SMD) (2012)				C350	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
R3652	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	C351	1-126-933-11	ELECT	100uF	20%	16V
R3653	1-216-821-11	METAL CHIP	1K	5%	1/10W	C352	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
< COMPOSITION CIRCUIT BLOCK >						C353	1-126-933-11	ELECT	100uF	20%	16V
RB3500	1-234-371-21	RES, NETWORK 47 (1005X4)				C400	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
RB3501	1-234-370-21	RES, NETWORK 22 (1005X4)				C403	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
RB3502	1-234-370-21	RES, NETWORK 22 (1005X4)				C405	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
RB3503	1-234-371-21	RES, NETWORK 47 (1005X4)				< LED >					
RB3504	1-234-370-21	RES, NETWORK 22 (1005X4)				C408	1-126-963-11	ELECT	4.7uF	20%	50V
RB3505	1-234-370-21	RES, NETWORK 22 (1005X4)				C409	1-126-963-11	ELECT	4.7uF	20%	50V
RB3506	1-234-371-21	RES, NETWORK 47 (1005X4)				C430	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
RB3507	1-234-370-21	RES, NETWORK 22 (1005X4)				< CAPACITOR >					
RB3508	1-234-370-21	RES, NETWORK 22 (1005X4)				C320	1-126-924-11	ELECT	330uF	20%	10V
RB3509	1-234-371-21	RES, NETWORK 47 (1005X4)				C323	1-126-924-11	ELECT	330uF	20%	10V
RB3510	1-234-371-21	RES, NETWORK 47 (1005X4)				C325	1-126-964-11	ELECT	10uF	20%	50V
RB3511	1-234-371-21	RES, NETWORK 47 (1005X4)				C350	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
RB3512	1-234-371-21	RES, NETWORK 47 (1005X4)				C351	1-126-933-11	ELECT	100uF	20%	16V
RB3513	1-234-371-21	RES, NETWORK 47 (1005X4)				C352	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
RB3514	1-234-371-21	RES, NETWORK 47 (1005X4)				C353	1-126-933-11	ELECT	100uF	20%	16V
RB3515	1-234-371-21	RES, NETWORK 47 (1005X4)				C400	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
RB3516	1-234-371-21	RES, NETWORK 47 (1005X4)				C403	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
RB3517	1-234-702-11	RES, NETWORK 68 (1005X4)				C405	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C431	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C707	1-126-947-11	ELECT	47uF	20%	35V
C449	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C708	1-162-815-11	CERAMIC	47PF	5%	500V
C450	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C709	1-162-815-11	CERAMIC	47PF	5%	500V
C458	1-126-963-11	ELECT	4.7uF	20%	50V	C711	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C459	1-126-963-11	ELECT	4.7uF	20%	50V	C720	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C471	1-126-963-11	ELECT	4.7uF	20%	50V	C721	1-126-964-11	ELECT	10uF	20%	50V
C487	1-112-089-11	ELECT	47uF	20%	25V	C729	1-136-157-00	FILM	0.022uF	5%	50V
C488	1-112-089-11	ELECT	47uF	20%	25V	C744	1-126-964-11	ELECT	10uF	20%	50V
C489	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C751	1-126-964-11	ELECT	10uF	20%	50V
C499	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C752	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C500	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C753	1-102-233-00	CERAMIC	33PF	10%	500V
C544	1-126-964-11	ELECT	10uF	20%	50V	C754	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C545	1-128-582-11	ELECT	10uF	20%	100V	C755	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C546	1-128-582-11	ELECT	10uF	20%	100V	C756	1-126-923-91	ELECT	220uF	20%	10V
C551	1-126-964-11	ELECT	10uF	20%	50V	C757	1-126-947-11	ELECT	47uF	20%	35V
C552	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C758	1-162-815-11	CERAMIC	47PF	5%	500V
C553	1-102-233-00	CERAMIC	33PF	10%	500V	C759	1-162-815-11	CERAMIC	47PF	5%	500V
C554	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C761	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C555	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C770	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C556	1-126-923-91	ELECT	220uF	20%	10V	C771	1-126-964-11	ELECT	10uF	20%	50V
C557	1-126-947-11	ELECT	47uF	20%	35V	C779	1-136-157-00	FILM	0.022uF	5%	50V
C558	1-162-815-11	CERAMIC	47PF	5%	500V	C801	1-126-964-11	ELECT	10uF	20%	50V
C559	1-162-815-11	CERAMIC	47PF	5%	500V	C802	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C561	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C803	1-102-233-00	CERAMIC	33PF	10%	500V
C570	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C804	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C571	1-126-964-11	ELECT	10uF	20%	50V	C805	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C579	1-136-157-00	FILM	0.022uF	5%	50V	C806	1-126-923-91	ELECT	220uF	20%	10V
C601	1-126-964-11	ELECT	10uF	20%	50V	C807	1-126-947-11	ELECT	47uF	20%	35V
C602	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C808	1-162-815-11	CERAMIC	47PF	5%	500V
C603	1-102-233-00	CERAMIC	33PF	10%	500V	C809	1-162-815-11	CERAMIC	47PF	5%	500V
C604	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C811	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C605	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C820	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C606	1-126-923-91	ELECT	220uF	20%	10V	C821	1-126-964-11	ELECT	10uF	20%	50V
C607	1-126-947-11	ELECT	47uF	20%	35V	C829	1-136-157-00	FILM	0.022uF	5%	50V
C608	1-162-815-11	CERAMIC	47PF	5%	500V	C844	1-126-964-11	ELECT	10uF	20%	50V
C609	1-162-815-11	CERAMIC	47PF	5%	500V	C851	1-126-964-11	ELECT	10uF	20%	50V
C611	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C852	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C620	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C853	1-102-233-00	CERAMIC	33PF	10%	500V
C621	1-126-964-11	ELECT	10uF	20%	50V	C854	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C629	1-136-157-00	FILM	0.022uF	5%	50V	C855	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C644	1-126-964-11	ELECT	10uF	20%	50V	C856	1-126-923-91	ELECT	220uF	20%	10V
C651	1-126-964-11	ELECT	10uF	20%	50V	C857	1-126-947-11	ELECT	47uF	20%	35V
C652	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C858	1-162-815-11	CERAMIC	47PF	5%	500V
C653	1-102-233-00	CERAMIC	33PF	10%	500V	C859	1-162-815-11	CERAMIC	47PF	5%	500V
C654	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C861	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C655	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C870	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C656	1-126-923-91	ELECT	220uF	20%	10V	C871	1-126-964-11	ELECT	10uF	20%	50V
C657	1-126-947-11	ELECT	47uF	20%	35V	C879	1-136-157-00	FILM	0.022uF	5%	50V
C658	1-162-815-11	CERAMIC	47PF	5%	500V	C904	1-126-936-11	ELECT	3300uF	20%	16V
C659	1-162-815-11	CERAMIC	47PF	5%	500V	C920	1-135-851-21	MYLAR	0.22uF		100V
C661	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C921	1-135-851-21	MYLAR	0.22uF		100V
C670	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C922	1-109-932-15	ELECT (BLOCK)	10000uF	20%	71V
C671	1-126-964-11	ELECT	10uF	20%	50V	C923	1-109-932-15	ELECT (BLOCK)	10000uF	20%	71V
C679	1-136-157-00	FILM	0.022uF	5%	50V	C940	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
C701	1-126-964-11	ELECT	10uF	20%	50V	C941	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
C702	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C3022	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C703	1-102-233-00	CERAMIC	33PF	10%	500V	C3024	1-126-963-11	ELECT	4.7uF	20%	50V
C704	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C3025	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C705	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C3026	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C706	1-126-923-91	ELECT	220uF	20%	10V	C3027	1-165-908-11	CERAMIC CHIP	1uF	10%	10V

STR-DG820

Ver. 1.1

MAIN

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark			
C3032	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	D501	6-501-817-01	DIODE MA2J1110GLS0				
C3034	1-126-963-11	ELECT	4.7uF	20%	50V	D561	6-501-817-01	DIODE MA2J1110GLS0				
C3037	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	D570	6-501-817-01	DIODE MA2J1110GLS0				
CC01	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US, CND)	D611	6-501-817-01	DIODE MA2J1110GLS0				
CC02	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US, CND)	D620	6-501-817-01	DIODE MA2J1110GLS0				
CC03	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US, CND)	D661	6-501-817-01	DIODE MA2J1110GLS0				
CC04	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US, CND)	D670	6-501-817-01	DIODE MA2J1110GLS0				
CC05	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US, CND)	D711	6-501-817-01	DIODE MA2J1110GLS0				
CC08	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US, CND)	D720	6-501-817-01	DIODE MA2J1110GLS0				
CC09	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US, CND)	D761	6-501-817-01	DIODE MA2J1110GLS0				
CC11	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (EXCEPT US, CND)	D770	6-501-817-01	DIODE MA2J1110GLS0				
CC12	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (EXCEPT US, CND)	D811	6-501-817-01	DIODE MA2J1110GLS0				
CC13	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (EXCEPT US, CND)	D820	6-501-817-01	DIODE MA2J1110GLS0				
CC14	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (EXCEPT US, CND)	D861	6-501-817-01	DIODE MA2J1110GLS0				
CC51	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US, CND)	D870	6-501-817-01	DIODE MA2J1110GLS0				
CC52	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US, CND)	D920	6-501-817-01	DIODE MA2J1110GLS0				
CC53	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US, CND)	△ D921	8-719-081-52	DIODE D5SBA20-4003				
CC54	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US, CND)	△ D940	8-719-053-18	DIODE 1SR154-400TE-25				
CC55	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US, CND)	△ D941	8-719-053-18	DIODE 1SR154-400TE-25				
CC58	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US, CND)	△ D942	8-719-053-18	DIODE 1SR154-400TE-25				
CC59	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (EXCEPT US, CND)	△ D943	8-719-053-18	DIODE 1SR154-400TE-25				
< CONNECTOR >						< IC >						
CNP410	1-573-845-11	CONNECTOR, BOARD TO BOARD 13P				< JUMPER RESISTOR >						
CNP411	1-573-847-11	CONNECTOR, BOARD TO BOARD 15P										
CNP432	1-784-922-11	PIN, CONNECTOR 5P				JR321	1-216-864-11	SHORT CHIP	0			
* CNP500	1-564-506-11	PLUG, CONNECTOR 3P				JR322	1-216-864-11	SHORT CHIP	0			
* CNP912	1-564-510-11	PLUG, CONNECTOR 7P				JR398	1-216-296-11	SHORT CHIP	0			
* CNP920	1-564-242-00	PIN, CONNECTOR (3.96mm PITCH) 5P				JR399	1-216-864-11	SHORT CHIP	0			
* CNP940	1-564-509-11	PLUG, CONNECTOR 6P				JR406	1-216-864-11	SHORT CHIP	0			
< DIODE >						JR434	1-216-864-11	SHORT CHIP	0 (EXCEPT US, CND)			
D301	6-501-817-01	DIODE	MA2J1110GLS0	JR435						1-216-864-11	SHORT CHIP	0 (EXCEPT US, CND)
D320	6-501-817-01	DIODE	MA2J1110GLS0	JR632						1-216-864-11	SHORT CHIP	0
D325	6-501-817-01	DIODE	MA2J1110GLS0	JR702						1-216-864-11	SHORT CHIP	0
D326	6-501-817-01	DIODE	MA2J1110GLS0	< COIL >								
D327	6-501-817-01	DIODE	MA2J1110GLS0	L578						1-420-872-52	COIL, AIR-CORE	
D350	6-501-817-01	DIODE	MA2J1110GLS0	L628						1-420-872-52	COIL, AIR-CORE	
D352	8-719-053-18	DIODE	1SR154-400TE-25	L678						1-420-872-52	COIL, AIR-CORE	
D355	6-501-817-01	DIODE	MA2J1110GLS0	L728						1-420-872-52	COIL, AIR-CORE	
D360	6-501-817-01	DIODE	MA2J1110GLS0	L778						1-420-872-52	COIL, AIR-CORE	
D365	6-501-817-01	DIODE	MA2J1110GLS0	L828						1-420-872-52	COIL, AIR-CORE	
D370	6-501-817-01	DIODE	MA2J1110GLS0	L878						1-420-872-52	COIL, AIR-CORE	
D375	6-501-817-01	DIODE	MA2J1110GLS0									
D500	6-501-792-01	DIODE	MAZ8300GMLS0									

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
< TRANSISTOR >						R326	1-216-840-11	METAL CHIP	39K	5%	1/10W
						R327	1-216-833-11	METAL CHIP	10K	5%	1/10W
Q301	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			R328	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q320	8-729-216-31	TRANSISTOR	2SA1163-G								
Q321	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			R350	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
Q323	8-729-216-31	TRANSISTOR	2SA1163-G			△ R351	1-249-399-91	CARBON	33	5%	1/4W F
Q324	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			△ R352	1-249-401-91	CARBON	47	5%	1/4W F
						R353	1-216-841-11	METAL CHIP	47K	5%	1/10W
Q325	8-729-271-31	TRANSISTOR	2SC2731-G			R355	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q350	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF								
Q355	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			△ R356	1-249-399-91	CARBON	33	5%	1/4W F
Q360	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			△ R357	1-249-401-91	CARBON	47	5%	1/4W F
Q365	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			R358	1-216-841-11	METAL CHIP	47K	5%	1/10W
						R360	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q370	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			△ R361	1-249-399-91	CARBON	33	5%	1/4W F
Q375	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF								
Q500	8-729-281-53	TRANSISTOR	2SC1815-GR			△ R362	1-249-401-91	CARBON	47	5%	1/4W F
Q501	8-729-027-31	TRANSISTOR	DTA124EKA-T146			R363	1-216-841-11	METAL CHIP	47K	5%	1/10W
Q551	8-729-119-76	TRANSISTOR	2SA1175-HFE			R365	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
						△ R366	1-249-399-91	CARBON	33	5%	1/4W F
Q552	8-729-141-30	TRANSISTOR	2SC3623A-LK			△ R367	1-249-401-91	CARBON	47	5%	1/4W F
Q561	8-729-216-31	TRANSISTOR	2SA1163-G								
Q562	8-729-216-31	TRANSISTOR	2SA1163-G			R368	1-216-841-11	METAL CHIP	47K	5%	1/10W
Q570	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			R370	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
Q601	8-729-119-76	TRANSISTOR	2SA1175-HFE			△ R371	1-249-399-91	CARBON	33	5%	1/4W F
						△ R372	1-249-401-91	CARBON	47	5%	1/4W F
Q602	8-729-141-30	TRANSISTOR	2SC3623A-LK			R373	1-216-841-11	METAL CHIP	47K	5%	1/10W
Q611	8-729-216-31	TRANSISTOR	2SA1163-G								
Q612	8-729-216-31	TRANSISTOR	2SA1163-G			R375	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
Q620	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			△ R376	1-249-399-91	CARBON	33	5%	1/4W F
Q651	8-729-119-76	TRANSISTOR	2SA1175-HFE			△ R377	1-249-401-91	CARBON	47	5%	1/4W F
						R378	1-216-841-11	METAL CHIP	47K	5%	1/10W
Q652	8-729-141-30	TRANSISTOR	2SC3623A-LK			△ R392	1-215-891-51	METAL OXIDE	680	5%	2W F
Q661	8-729-216-31	TRANSISTOR	2SA1163-G								
Q662	8-729-216-31	TRANSISTOR	2SA1163-G			△ R393	1-215-891-51	METAL OXIDE	680	5%	2W F
Q670	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			R401	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q701	8-729-119-76	TRANSISTOR	2SA1175-HFE			R402	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R403	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q702	8-729-141-30	TRANSISTOR	2SC3623A-LK			R404	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q711	8-729-216-31	TRANSISTOR	2SA1163-G								
Q712	8-729-216-31	TRANSISTOR	2SA1163-G			R405	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q720	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			R408	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q751	8-729-119-76	TRANSISTOR	2SA1175-HFE			R409	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R430	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q752	8-729-141-30	TRANSISTOR	2SC3623A-LK			R431	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q761	8-729-216-31	TRANSISTOR	2SA1163-G								
Q762	8-729-216-31	TRANSISTOR	2SA1163-G			R449	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q770	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			R450	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q801	8-729-119-76	TRANSISTOR	2SA1175-HFE			R451	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R452	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q802	8-729-141-30	TRANSISTOR	2SC3623A-LK			R453	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q811	8-729-216-31	TRANSISTOR	2SA1163-G								
Q812	8-729-216-31	TRANSISTOR	2SA1163-G			R454	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q820	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			R455	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q851	8-729-119-76	TRANSISTOR	2SA1175-HFE			R458	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R459	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q852	8-729-141-30	TRANSISTOR	2SC3623A-LK			R466	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q861	8-729-216-31	TRANSISTOR	2SA1163-G								
Q862	8-729-216-31	TRANSISTOR	2SA1163-G			R467	1-216-845-11	METAL CHIP	100K	5%	1/10W
Q870	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			R470	1-216-841-11	METAL CHIP	47K	5%	1/10W
Q920	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			△ R487	1-249-385-91	CARBON	2.2	5%	1/4W F
						△ R488	1-249-385-91	CARBON	2.2	5%	1/4W F
< RESISTOR >						R501	1-216-833-11	METAL CHIP	10K	5%	1/10W
R301	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R502	1-216-853-11	METAL CHIP	470K	5%	1/10W
△ R302	1-249-405-91	CARBON	100	5%	1/4W F	R503	1-216-833-11	METAL CHIP	10K	5%	1/10W
△ R303	1-249-405-91	CARBON	100	5%	1/4W F	R504	1-216-833-11	METAL CHIP	10K	5%	1/10W
R304	1-216-841-11	METAL CHIP	47K	5%	1/10W	R505	1-216-833-11	METAL CHIP	10K	5%	1/10W
R320	1-218-292-11	METAL CHIP	20K	5%	1/10W	R506	1-216-841-11	METAL CHIP	47K	5%	1/10W
R323	1-216-840-11	METAL CHIP	39K	5%	1/10W	R507	1-216-849-11	METAL CHIP	220K	5%	1/10W
R325	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W						

STR-DG820

Ver. 1.1

MAIN

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
△ R510	1-215-886-51	METAL OXIDE	100	5%	2W F (US, CND)	R657	1-216-844-11	METAL CHIP	82K	5%	1/10W
△ R511	1-215-889-51	METAL OXIDE	330	5%	2W F (US, CND)	R658	1-216-818-11	METAL CHIP	560	5%	1/10W
△ R511	1-215-890-51	METAL OXIDE	470	5%	2W F (EXCEPT US, CND)	△ R659	1-249-405-91	CARBON	100	5%	1/4W F
△ R545	1-249-381-91	CARBON	1	5%	1/4W F	△ R660	1-249-405-91	CARBON	100	5%	1/4W F
△ R545	1-249-381-91	CARBON	1	5%	1/4W F	R661	1-216-214-00	RES-CHIP	4.7K	2%	1/8W
△ R546	1-249-381-91	CARBON	1	5%	1/4W F	△ R662	1-240-855-91	CARBON	6.2K	5%	1/4W F
R551	1-216-821-11	METAL CHIP	1K	5%	1/10W	△ R663	1-234-182-11	ENCAPSULATED COMPONENT	0.22	5W	F
R552	1-216-843-11	METAL CHIP	68K	5%	1/10W	R664	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R553	1-208-445-41	RES-CHIP	2.2K	2%	1/10W	R665	1-216-835-11	METAL CHIP	15K	5%	1/10W
R554	1-208-826-11	METAL CHIP	68K	0.5%	1/10W	R666	1-216-843-11	METAL CHIP	68K	5%	1/10W
R555	1-216-230-00	RES-CHIP	22K	2%	1/8W	R670	1-216-837-11	METAL CHIP	22K	5%	1/10W
R556	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R671	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R557	1-216-844-11	METAL CHIP	82K	5%	1/10W	R672	1-216-835-11	METAL CHIP	15K	5%	1/10W
R558	1-216-818-11	METAL CHIP	560	5%	1/10W	R673	1-216-841-11	METAL CHIP	47K	5%	1/10W
△ R559	1-249-405-91	CARBON	100	5%	1/4W F	R674	1-216-837-11	METAL CHIP	22K	5%	1/10W
△ R560	1-249-405-91	CARBON	100	5%	1/4W F	△ R678	1-249-389-91	CARBON	4.7	5%	1/4W F
R561	1-216-214-00	RES-CHIP	4.7K	2%	1/8W	△ R679	1-249-393-91	CARBON	10	5%	1/4W F
△ R562	1-240-855-91	CARBON	6.2K	5%	1/4W F	R680	1-216-841-11	METAL CHIP	47K	5%	1/10W
△ R563	1-234-182-11	ENCAPSULATED COMPONENT	0.22	5W	F	R701	1-216-821-11	METAL CHIP	1K	5%	1/10W
R564	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	R702	1-216-843-11	METAL CHIP	68K	5%	1/10W
R565	1-216-835-11	METAL CHIP	15K	5%	1/10W	R703	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R566	1-216-843-11	METAL CHIP	68K	5%	1/10W	R704	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
R570	1-216-837-11	METAL CHIP	22K	5%	1/10W	R705	1-216-230-00	RES-CHIP	22K	2%	1/8W
R571	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R706	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R572	1-216-835-11	METAL CHIP	15K	5%	1/10W	R707	1-216-844-11	METAL CHIP	82K	5%	1/10W
R573	1-216-841-11	METAL CHIP	47K	5%	1/10W	R708	1-216-818-11	METAL CHIP	560	5%	1/10W
R574	1-216-837-11	METAL CHIP	22K	5%	1/10W	△ R709	1-249-405-91	CARBON	100	5%	1/4W F
△ R578	1-249-389-91	CARBON	4.7	5%	1/4W F	△ R710	1-249-405-91	CARBON	100	5%	1/4W F
△ R579	1-249-393-91	CARBON	10	5%	1/4W F	R711	1-216-214-00	RES-CHIP	4.7K	2%	1/8W
R580	1-216-841-11	METAL CHIP	47K	5%	1/10W	△ R712	1-240-855-91	CARBON	6.2K	5%	1/4W F
R601	1-216-821-11	METAL CHIP	1K	5%	1/10W	△ R713	1-234-182-11	ENCAPSULATED COMPONENT	0.22	5W	F
R602	1-216-843-11	METAL CHIP	68K	5%	1/10W	R714	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R603	1-208-445-41	RES-CHIP	2.2K	2%	1/10W	R715	1-216-835-11	METAL CHIP	15K	5%	1/10W
R604	1-208-826-11	METAL CHIP	68K	0.5%	1/10W	R716	1-216-843-11	METAL CHIP	68K	5%	1/10W
R605	1-216-230-00	RES-CHIP	22K	2%	1/8W	R720	1-216-837-11	METAL CHIP	22K	5%	1/10W
R606	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R721	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R607	1-216-844-11	METAL CHIP	82K	5%	1/10W	R722	1-216-835-11	METAL CHIP	15K	5%	1/10W
R608	1-216-818-11	METAL CHIP	560	5%	1/10W	R723	1-216-841-11	METAL CHIP	47K	5%	1/10W
△ R609	1-249-405-91	CARBON	100	5%	1/4W F	R724	1-216-837-11	METAL CHIP	22K	5%	1/10W
△ R610	1-249-405-91	CARBON	100	5%	1/4W F	△ R728	1-249-389-91	CARBON	4.7	5%	1/4W F
R611	1-216-214-00	RES-CHIP	4.7K	2%	1/8W	△ R729	1-249-393-91	CARBON	10	5%	1/4W F
△ R612	1-240-855-91	CARBON	6.2K	5%	1/4W F	R730	1-216-841-11	METAL CHIP	47K	5%	1/10W
△ R613	1-234-182-11	ENCAPSULATED COMPONENT	0.22	5W	F	R751	1-216-821-11	METAL CHIP	1K	5%	1/10W
R614	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	R752	1-216-843-11	METAL CHIP	68K	5%	1/10W
R615	1-216-835-11	METAL CHIP	15K	5%	1/10W	R753	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R616	1-216-843-11	METAL CHIP	68K	5%	1/10W	R754	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
R620	1-216-837-11	METAL CHIP	22K	5%	1/10W	R756	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R621	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R757	1-216-844-11	METAL CHIP	82K	5%	1/10W
R622	1-216-835-11	METAL CHIP	15K	5%	1/10W	R758	1-216-818-11	METAL CHIP	560	5%	1/10W
R623	1-216-841-11	METAL CHIP	47K	5%	1/10W	△ R759	1-249-405-91	CARBON	100	5%	1/4W F
R624	1-216-837-11	METAL CHIP	22K	5%	1/10W	△ R760	1-249-405-91	CARBON	100	5%	1/4W F
△ R628	1-249-389-91	CARBON	4.7	5%	1/4W F	R761	1-216-214-00	RES-CHIP	4.7K	2%	1/8W
△ R629	1-249-393-91	CARBON	10	5%	1/4W F	△ R762	1-240-855-91	CARBON	6.2K	5%	1/4W F
R630	1-216-841-11	METAL CHIP	47K	5%	1/10W	△ R763	1-234-182-11	ENCAPSULATED COMPONENT	0.22	5W	F
R651	1-216-821-11	METAL CHIP	1K	5%	1/10W	R764	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R652	1-216-843-11	METAL CHIP	68K	5%	1/10W	R765	1-216-835-11	METAL CHIP	15K	5%	1/10W
R653	1-208-445-41	RES-CHIP	2.2K	2%	1/10W	R766	1-216-843-11	METAL CHIP	68K	5%	1/10W
R654	1-208-826-11	METAL CHIP	68K	0.5%	1/10W	R770	1-216-837-11	METAL CHIP	22K	5%	1/10W
R656	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R771	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
						R772	1-216-835-11	METAL CHIP	15K	5%	1/10W

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R773	1-216-841-11	METAL CHIP	47K	5%	1/10W	R3013	1-216-841-11	METAL CHIP	47K	5%	1/10W
R774	1-216-837-11	METAL CHIP	22K	5%	1/10W	R3020	1-216-841-11	METAL CHIP	47K	5%	1/10W
△ R778	1-249-389-91	CARBON	4.7	5%	1/4W F	R3021	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
△ R779	1-249-393-91	CARBON	10	5%	1/4W F	R3022	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R780	1-216-841-11	METAL CHIP	47K	5%	1/10W	R3023	1-216-841-11	METAL CHIP	47K	5%	1/10W
R801	1-216-821-11	METAL CHIP	1K	5%	1/10W	△ RR11	1-249-393-91	CARBON	10	5%	1/4W F (EXCEPT US, CND)
R802	1-216-843-11	METAL CHIP	68K	5%	1/10W	△ RR12	1-249-393-91	CARBON	10	5%	1/4W F (EXCEPT US, CND)
R803	1-208-445-41	RES-CHIP	2.2K	2%	1/10W	△ RR13	1-249-393-91	CARBON	10	5%	1/4W F (EXCEPT US, CND)
R804	1-208-826-11	METAL CHIP	68K	0.5%	1/10W	△ RR14	1-249-393-91	CARBON	10	5%	1/4W F (EXCEPT US, CND)
R805	1-216-230-00	RES-CHIP	22K	2%	1/8W			< RELAY >			
R806	1-216-825-11	METAL CHIP	2.2K	5%	1/10W						
R807	1-216-844-11	METAL CHIP	82K	5%	1/10W	RY301	1-755-267-11	RELAY			
R808	1-216-818-11	METAL CHIP	560	5%	1/10W	RY350	1-755-170-11	RELAY			
△ R809	1-249-405-91	CARBON	100	5%	1/4W F	RY355	1-755-170-11	RELAY			
△ R810	1-249-405-91	CARBON	100	5%	1/4W F	RY360	1-755-170-11	RELAY			
R811	1-216-214-00	RES-CHIP	4.7K	2%	1/8W	RY365	1-755-170-11	RELAY			
△ R812	1-240-855-91	CARBON	6.2K	5%	1/4W F	RY370	1-755-170-11	RELAY			
△ R813	1-234-182-11	ENCAPSULATED COMPONENT	0.22	5W	F	RY375	1-755-170-11	RELAY			
R814	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	RY920	1-755-593-11	RELAY			
R815	1-216-835-11	METAL CHIP	15K	5%	1/10W			< TERMINAL BOARD >			
R816	1-216-843-11	METAL CHIP	68K	5%	1/10W						
R820	1-216-837-11	METAL CHIP	22K	5%	1/10W	TB601	1-780-215-11	TERMINAL BOARD (SP) (4P)			
R821	1-216-829-11	METAL CHIP	4.7K	5%	1/10W			(SPEAKERS FRONT A)			
R822	1-216-835-11	METAL CHIP	15K	5%	1/10W	TB603	1-694-785-11	TERMINAL BOARD (SPEAKERS FRONT B)			
R823	1-216-841-11	METAL CHIP	47K	5%	1/10W			*****			
R824	1-216-837-11	METAL CHIP	22K	5%	1/10W			A-1486-780-A	MICOM BOARD, COMPLETE (US, CND)		
△ R828	1-249-389-91	CARBON	4.7	5%	1/4W F			A-1486-781-A	MICOM BOARD, COMPLETE (AEP, ECE, UK)		
△ R829	1-249-393-91	CARBON	10	5%	1/4W F			A-1542-822-A	MICOM BOARD, COMPLETE (AUS)		
R830	1-216-841-11	METAL CHIP	47K	5%	1/10W			A-1542-824-A	MICOM BOARD, COMPLETE (TW, KR)		
R851	1-216-821-11	METAL CHIP	1K	5%	1/10W			A-1542-828-A	MICOM BOARD, COMPLETE (E51)		
R852	1-216-843-11	METAL CHIP	68K	5%	1/10W			*****			
R853	1-208-445-41	RES-CHIP	2.2K	2%	1/10W			< CAPACITOR >			
R854	1-208-826-11	METAL CHIP	68K	0.5%	1/10W	C7001	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R856	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	C7002	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R857	1-216-844-11	METAL CHIP	82K	5%	1/10W	C7003	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R858	1-216-818-11	METAL CHIP	560	5%	1/10W	C7004	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
△ R859	1-249-405-91	CARBON	100	5%	1/4W F	C7005	1-117-720-11	CERAMIC CHIP	4.7uF		10V
△ R860	1-249-405-91	CARBON	100	5%	1/4W F	C7006	1-117-720-11	CERAMIC CHIP	4.7uF		10V
R861	1-216-214-00	RES-CHIP	4.7K	2%	1/8W	C7007	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
△ R862	1-240-855-91	CARBON	6.2K	5%	1/4W F	C7008	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
△ R863	1-234-182-11	ENCAPSULATED COMPONENT	0.22	5W	F	C7009	1-117-720-11	CERAMIC CHIP	4.7uF		10V
R864	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	C7010	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R865	1-216-835-11	METAL CHIP	15K	5%	1/10W	C7011	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R866	1-216-843-11	METAL CHIP	68K	5%	1/10W	C7012	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R870	1-216-837-11	METAL CHIP	22K	5%	1/10W	C7013	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R871	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	C7014	1-117-720-11	CERAMIC CHIP	4.7uF		10V
R872	1-216-835-11	METAL CHIP	15K	5%	1/10W	C7015	1-126-933-11	ELECT	100uF	20%	16V
R873	1-216-841-11	METAL CHIP	47K	5%	1/10W	C7016	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R874	1-216-837-11	METAL CHIP	22K	5%	1/10W	C7017	1-117-720-11	CERAMIC CHIP	4.7uF		10V
△ R878	1-249-389-91	CARBON	4.7	5%	1/4W F	C7018	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
△ R879	1-249-393-91	CARBON	10	5%	1/4W F	C7019	1-117-720-11	CERAMIC CHIP	4.7uF		10V
R880	1-216-841-11	METAL CHIP	47K	5%	1/10W	C7020	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
△ R920	1-249-399-91	CARBON	33	5%	1/4W F	C7021	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R921	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	C7022	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
△ R922	1-249-401-91	CARBON	47	5%	1/4W F	C7023	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R923	1-216-841-11	METAL CHIP	47K	5%	1/10W	C7024	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
△ R940	1-240-877-91	FUSIBLE	0.15	5%	1/2W F						
R3010	1-216-841-11	METAL CHIP	47K	5%	1/10W						
R3011	1-218-887-11	METAL CHIP	47K	0.5%	1/10W						
R3012	1-218-887-11	METAL CHIP	47K	0.5%	1/10W						

STR-DG820

Ver. 1.1

MICOM

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C7025	1-117-720-11	CERAMIC CHIP 4.7uF	10V			IC7002	8-759-058-62	IC TC7S08FU (TE85R)			
C7026	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V		IC7003	6-702-913-01	IC S-80929CNMC-G8ZT2G			
C7027	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V		IC7004	8-759-277-63	IC TC7W14FU (TE12R)			
C7028	1-126-960-11	ELECT 1uF	20%	50V		IC7005	(Not supplied)	IC S-24CS64A01-J8T1G			
C7030	1-126-947-11	ELECT 47uF	20%	35V		IC7006	6-705-468-01	IC BA33BC0FP-E2			
C7031	1-135-372-31	ELECT 470uF	20%	10V		IC7007	6-700-830-01	IC KIA7809API			
C7032	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V		< TRANSISTOR >					
C7033	1-137-980-91	CERAMIC CHIP 0.47uF	10%	50V		Q7001	6-551-696-01	TRANSISTOR ISA1235AC1TP-1EF			
C7035	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V		Q7002	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF			
C7036	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V		Q7003	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF			
C7037	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V		Q7004	8-729-027-43	TRANSISTOR DTC114EKA-T146			
C7038	1-162-970-11	CERAMIC CHIP 0.01uF	10%	25V		< RESISTOR >					
C7039	1-162-970-11	CERAMIC CHIP 0.01uF	10%	25V		R7001	1-216-864-11	SHORT CHIP 0			
C7040	1-162-970-11	CERAMIC CHIP 0.01uF	10%	25V		R7002	1-216-833-11	METAL CHIP 10K	5%	1/10W	
C7041	1-162-970-11	CERAMIC CHIP 0.01uF	10%	25V		R7003	1-216-821-11	METAL CHIP 1K	5%	1/10W	
C7042	1-162-970-11	CERAMIC CHIP 0.01uF	10%	25V		R7004	1-216-837-11	METAL CHIP 22K	5%	1/10W	
C7043	1-162-970-11	CERAMIC CHIP 0.01uF	10%	25V		R7005	1-216-837-11	METAL CHIP 22K	5%	1/10W	
C7044	1-162-970-11	CERAMIC CHIP 0.01uF	10%	25V		R7006	1-216-833-11	METAL CHIP 10K	5%	1/10W	
C7045	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V		R7007	1-216-685-11	METAL CHIP 27K	0.5%	1/10W	
C7047	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V		R7008	1-216-813-11	METAL CHIP 220	5%	1/10W	
C7048	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V		R7009	1-216-825-11	METAL CHIP 2.2K	5%	1/10W	
C7049	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V		R7010	1-216-825-11	METAL CHIP 2.2K	5%	1/10W	
C7052	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V		R7011	1-216-833-11	METAL CHIP 10K	5%	1/10W	(E51)
C7054	1-137-980-91	CERAMIC CHIP 0.47uF	10%	50V		R7011	1-216-841-11	METAL CHIP 47K	5%	1/10W	(AEP, ECE, UK, TW, KR, AUS)
C7055	1-126-947-11	ELECT 47uF	20%	35V		R7012	1-216-825-11	METAL CHIP 2.2K	5%	1/10W	(AEP, ECE, UK)
C7058	1-107-826-11	CERAMIC CHIP 0.1uF	10%	16V		R7012	1-216-829-11	METAL CHIP 4.7K	5%	1/10W	(AUS)
< CONNECTOR >						R7012	1-216-833-11	METAL CHIP 10K	5%	1/10W	(US, CND)
CN7000	1-770-410-11	CONNECTOR, BOARD TO BOARD 18P				R7012	1-216-837-11	METAL CHIP 22K	5%	1/10W	(TW, KR)
CN7001	1-770-410-11	CONNECTOR, BOARD TO BOARD 18P				R7012	1-216-841-11	METAL CHIP 47K	5%	1/10W	(E51)
CN7002	1-770-379-11	CONNECTOR, BOARD TO BOARD 6P				R7013	1-216-833-11	METAL CHIP 10K	5%	1/10W	
CN7003	1-770-381-11	CONNECTOR, BOARD TO BOARD 10P				R7014	1-216-833-11	METAL CHIP 10K	5%	1/10W	
CN7005	1-784-924-11	PIN, CONNECTOR 8P				R7015	1-216-817-11	METAL CHIP 470	5%	1/10W	
CN7006	1-784-929-11	PIN, CONNECTOR 14P				R7016	1-216-833-11	METAL CHIP 10K	5%	1/10W	
CN7007	1-784-928-11	PIN, CONNECTOR 13P				R7017	1-216-833-11	METAL CHIP 10K	5%	1/10W	
* CN7008	1-564-510-11	PLUG, CONNECTOR 7P				R7018	1-216-815-11	METAL CHIP 330	5%	1/10W	
CN7009	1-784-859-51	CONNECTOR, FFC (LIF (NON-ZIF)) 7P				R7019	1-216-809-11	METAL CHIP 100	5%	1/10W	
CN7010	1-785-466-41	CONNECTOR, FFC/FPC 7P				R7020	1-216-809-11	METAL CHIP 100	5%	1/10W	
CN7011	1-568-830-11	CONNECTOR, FFC 11P (AEP, ECE, UK)				R7021	1-216-833-11	METAL CHIP 10K	5%	1/10W	
CN7012	1-784-770-11	CONNECTOR, FFC 9P (EXCEPT AEP, ECE, UK)				R7022	1-216-845-11	METAL CHIP 100K	5%	1/10W	
CN7013	1-785-466-41	CONNECTOR, FFC/FPC 7P (US, CND)				R7023	1-216-833-11	METAL CHIP 10K	5%	1/10W	
< DIODE >						R7025	1-216-809-11	METAL CHIP 100	5%	1/10W	
D7001	8-719-060-48	DIODE RB751V-40TE-17				R7026	1-216-821-11	METAL CHIP 1K	5%	1/10W	
D7002	6-501-817-01	DIODE MA2J1110GLS0				R7027	1-216-809-11	METAL CHIP 100	5%	1/10W	
D7004	6-501-817-01	DIODE MA2J1110GLS0				R7028	1-216-833-11	METAL CHIP 10K	5%	1/10W	
D7005	6-501-817-01	DIODE MA2J1110GLS0				R7029	1-216-833-11	METAL CHIP 10K	5%	1/10W	
D7007	6-501-817-01	DIODE MA2J1110GLS0				R7030	1-216-809-11	METAL CHIP 100	5%	1/10W	
D7008	6-501-817-01	DIODE MA2J1110GLS0				R7031	1-216-809-11	METAL CHIP 100	5%	1/10W	
D7009	6-501-817-01	DIODE MA2J1110GLS0				R7032	1-216-833-11	METAL CHIP 10K	5%	1/10W	
D7010	6-501-817-01	DIODE MA2J1110GLS0				R7034	1-216-833-11	METAL CHIP 10K	5%	1/10W	
< FERRITE BEAD >						R7035	1-216-833-11	METAL CHIP 10K	5%	1/10W	
FB7002	1-469-152-11	FERRITE, EMI (SMD) (2012)				R7036	1-216-833-11	METAL CHIP 10K	5%	1/10W	
FB7003	1-469-152-11	FERRITE, EMI (SMD) (2012)				R7037	1-216-809-11	METAL CHIP 100	5%	1/10W	
FB7004	1-469-152-11	FERRITE, EMI (SMD) (2012)				< IC >					
FB7006	1-469-152-11	FERRITE, EMI (SMD) (2012)				IC7001	A-1550-999-A	IC MB91F467RAPMC-GE1 (for SERVICE)			

Note: When IC7005 cannot exchange with single. When IC7005 is damaged, exchange the entire mounted board.

MICOM

POWER SW

SPEAKER

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
R7038	1-216-809-11	METAL CHIP	100	5%	1/10W			< VIBRATOR >			
R7039	1-216-809-11	METAL CHIP	100	5%	1/10W						
R7040	1-216-841-11	METAL CHIP	47K	5%	1/10W	X7001	1-781-646-21	VIBRATOR, CERAMIC (4MHz)			
R7041	1-216-809-11	METAL CHIP	100	5%	1/10W	*****					
R7043	1-216-809-11	METAL CHIP	100	5%	1/10W						
								POWER SW BOARD			
R7044	1-216-809-11	METAL CHIP	100	5%	1/10W			*****			
R7045	1-216-833-11	METAL CHIP	10K	5%	1/10W						
					(AEP, ECE, UK)			< CONNECTOR >			
R7046	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R7047	1-216-833-11	METAL CHIP	10K	5%	1/10W	CN1	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P			
R7048	1-216-833-11	METAL CHIP	10K	5%	1/10W	CN2	1-564-704-41	PIN, CONNECTOR (SMALL TYPE) 2P			
R7049	1-216-833-11	METAL CHIP	10K	5%	1/10W			< SWITCH >			
R7050	1-216-809-11	METAL CHIP	100	5%	1/10W						
R7051	1-216-805-11	METAL CHIP	47	5%	1/10W	SW1	1-786-377-11	SWITCH, POWER (POWER)			
					(US, CND)	*****					
R7052	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R7053	1-216-805-11	METAL CHIP	47	5%	1/10W			SPEAKER BOARD			

R7055	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R7056	1-216-833-11	METAL CHIP	10K	5%	1/10W			< CAPACITOR >			
R7057	1-216-809-11	METAL CHIP	100	5%	1/10W						
R7059	1-216-809-11	METAL CHIP	100	5%	1/10W	C2850	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V			
R7060	1-216-833-11	METAL CHIP	10K	5%	1/10W	C2851	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V			
						C2852	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V			
R7061	1-216-809-11	METAL CHIP	100	5%	1/10W	C2860	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V			
R7062	1-216-833-11	METAL CHIP	10K	5%	1/10W	C2861	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V			
R7063	1-216-809-11	METAL CHIP	100	5%	1/10W						
R7064	1-216-805-11	METAL CHIP	47	5%	1/10W	CC101	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V			
R7065	1-216-805-11	METAL CHIP	47	5%	1/10W						(EXCEPT US, CND, E51)
						CC102	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V			
R7066	1-216-809-11	METAL CHIP	100	5%	1/10W						(EXCEPT US, CND, E51)
R7067	1-216-809-11	METAL CHIP	100	5%	1/10W	CC111	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V			
R7068	1-216-809-11	METAL CHIP	100	5%	1/10W						(EXCEPT US, CND, E51)
R7069	1-216-809-11	METAL CHIP	100	5%	1/10W	CC112	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V			
R7070	1-216-833-11	METAL CHIP	10K	5%	1/10W						(EXCEPT US, CND, E51)
						CC121	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V			(EXCEPT US, CND, E51)
R7071	1-216-821-11	METAL CHIP	1K	5%	1/10W						
R7072	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R7073	1-216-833-11	METAL CHIP	10K	5%	1/10W			< CONNECTOR >			
R7075	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R7076	1-216-809-11	METAL CHIP	100	5%	1/10W	CNP285	1-785-104-11	PIN, CONNECTOR (3.96mm PITCH) 6P			
						CNP286	1-785-102-11	PIN, CONNECTOR (3.96mm PITCH) 4P			
R7077	1-216-809-11	METAL CHIP	100	5%	1/10W						
R7078	1-216-809-11	METAL CHIP	100	5%	1/10W			< RESISTOR >			
R7080	1-216-864-11	SHORT CHIP	0								
R7081	1-216-809-11	METAL CHIP	100	5%	1/10W	△ RR101	1-249-393-91	CARBON 10 5% 1/4W F			
					(AEP, ECE, UK)						(EXCEPT US, CND, E51)
						△ RR102	1-249-393-91	CARBON 10 5% 1/4W F			
											(EXCEPT US, CND, E51)
						△ RR111	1-249-393-91	CARBON 10 5% 1/4W F			
											(EXCEPT US, CND, E51)
RB7001	1-234-372-11	RES, NETWORK 100 (1005X4)				△ RR112	1-249-393-91	CARBON 10 5% 1/4W F			
RB7002	1-234-372-11	RES, NETWORK 100 (1005X4)									(EXCEPT US, CND, E51)
RB7003	1-234-372-11	RES, NETWORK 100 (1005X4)				△ RR121	1-249-393-91	CARBON 10 5% 1/4W F			
RB7004	1-234-371-21	RES, NETWORK 47 (1005X4)									(EXCEPT US, CND, E51)
RB7005	1-234-372-11	RES, NETWORK 100 (1005X4)									
											(EXCEPT US, CND, E51)
RB7006	1-234-372-11	RES, NETWORK 100 (1005X4)						< TERMINAL BOARD >			
RB7007	1-234-376-11	RES, NETWORK 2.2K (1005X4)									
RB7008	1-234-372-11	RES, NETWORK 100 (1005X4)				TB001	1-780-214-11	TERMINAL BOARD (SP) (2P)			
RB7009	1-234-378-21	RES, NETWORK 10K (1005X4)									(SPEAKERS CENTER)
RB7010	1-234-378-21	RES, NETWORK 10K (1005X4)				TM2880	1-780-364-11	TERMINAL BOARD (SP) (8P)			
											(SPEAKERS SURROUND/SURROUND BACK)
RB7011	1-234-372-11	RES, NETWORK 100 (1005X4)				*****					
RB7012	1-234-372-11	RES, NETWORK 100 (1005X4)									
RB7013	1-234-372-11	RES, NETWORK 100 (1005X4) (US, CND)									
RB7014	1-234-376-11	RES, NETWORK 2.2K (1005X4)									
RB7015	1-234-372-11	RES, NETWORK 100 (1005X4)									

STR-DG820

Ver. 1.1

STANDBY VIDEO

Ref. No.	Part No.	Description	Remark			
	A-1466-961-A	STANDBY BOARD, COMPLETE (US, CND)				
	A-1486-789-A	STANDBY BOARD, COMPLETE				
		(AEP, ECE, UK, KR, AUS)				
	A-1542-830-A	STANDBY BOARD, COMPLETE (E51)				
	A-1542-860-A	STANDBY BOARD, COMPLETE (TW)				

	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3				
		< CAPACITOR >				
C911	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V	
C912	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V	
C913	1-126-943-11	ELECT	2200uF	20%	25V	
C914	1-126-942-61	ELECT	1000uF	20%	25V	
C915	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
C916	1-126-964-11	ELECT	10uF	20%	50V	
C917	1-126-943-11	ELECT	2200uF	20%	25V	
C918	1-126-943-11	ELECT	2200uF	20%	25V	
C919	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	
C920	1-130-495-00	MYLAR	0.1uF	5%	50V	
C922	1-126-941-11	ELECT	470uF	20%	25V	
C923	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
C924	1-113-925-11	CERAMIC	0.01uF	20%	250V	
		< CONNECTOR >				
* CN910	1-565-792-11	PIN, CONNECTOR (3.96mm PITCH) 2P				
* CN912	1-564-506-11	PLUG, CONNECTOR 3P				
CN913	1-778-227-41	CONNECTOR, BOARD TO BOARD 6P				
* CN914	1-564-507-11	PLUG, CONNECTOR 4P				
CNP916	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P				
CNP917	1-774-108-11	PIN, CONNECTOR (PC BOARD)				
		< DIODE >				
△ D910	8-719-053-18	DIODE 1SR154-400TE-25				
△ D911	8-719-053-18	DIODE 1SR154-400TE-25				
△ D912	8-719-053-18	DIODE 1SR154-400TE-25				
△ D913	8-719-053-18	DIODE 1SR154-400TE-25				
D914	6-500-522-31	DIODE 10EDB40-TB5				
△ D915	8-719-053-18	DIODE 1SR154-400TE-25				
△ D916	8-719-053-18	DIODE 1SR154-400TE-25				
△ D917	8-719-053-18	DIODE 1SR154-400TE-25				
△ D918	8-719-053-18	DIODE 1SR154-400TE-25				
△ D919	8-719-053-18	DIODE 1SR154-400TE-25				
△ D920	8-719-053-18	DIODE 1SR154-400TE-25				
D921	6-501-817-01	DIODE MA2J1110GLS0				
D922	8-719-069-56	DIODE UDZSNPTE-176.2B				
		< EARTH TERMINAL >				
* EB912	1-537-738-21	TERMINAL, EARTH				
		< FUSE HOLDER >				
FH910	1-533-233-11	FUSE HOLDER (EXCEPT E51)				
FH911	1-533-233-11	FUSE HOLDER (EXCEPT E51)				
		< IC >				
△ IC910	8-759-450-47	IC BA05T				
		< TRANSISTOR >				
Q910	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF				
Q911	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF				

Ref. No.	Part No.	Description	Remark			
Q912	8-729-027-52	TRANSISTOR	DTC124EKA-T146			
△ Q913	8-729-140-99	TRANSISTOR	2SB734-34			
Q914	8-729-027-52	TRANSISTOR	DTC124EKA-T146			
< RESISTOR >						
△ R910	1-219-237-51	SOLID	3.3M	20%	1/2W	F (US, CND)
△ R911	1-243-634-11	FUSIBLE	0.22	5%	1/2W	F
△ R912	1-243-634-11	FUSIBLE	0.22	5%	1/2W	F
R913	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R914	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	
R915	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R916	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R917	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R918	1-259-179-31	CARBON	3.3K	5%	1/4W	
R919	1-216-833-11	METAL CHIP	10K	5%	1/10W	
△ R920	1-249-389-91	CARBON	4.7	5%	1/4W	F
< RELAY >						
△ RY910	1-755-541-11	RELAY				
< TRANSFORMER >						
△ T910	1-445-212-11	TRANSFORMER, POWER (US, CND)				
△ T910	1-445-414-11	TRANSFORMER, POWER (TW)				
△ T910	1-445-416-11	TRANSFORMER, POWER (E51)				
△ T911	1-445-213-11	TRANSFORMER, POWER				
(AEP, ECE, UK, KR, AUS)						
< THERMISTOR >						
TH910	1-804-046-11	THERMISTOR, POSITIVE (RXE030)				
(AEP, ECE, UK, E51, KR, AUS)						

A-1433-570-A VIDEO BOARD, COMPLETE						

< CAPACITOR >						
C201	1-100-385-91	CERAMIC CHIP	0.47uF		25V	
C202	1-100-385-91	CERAMIC CHIP	0.47uF		25V	
C203	1-126-947-11	ELECT	47uF	20%	35V	
C204	1-126-947-11	ELECT	47uF	20%	35V	
C211	1-126-964-11	ELECT	10uF	20%	50V	
C212	1-126-964-11	ELECT	10uF	20%	50V	
C213	1-126-964-11	ELECT	10uF	20%	50V	
C215	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C217	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C221	1-126-964-11	ELECT	10uF	20%	50V	
C222	1-126-964-11	ELECT	10uF	20%	50V	
C223	1-126-964-11	ELECT	10uF	20%	50V	
C224	1-126-964-11	ELECT	10uF	20%	50V	
C225	1-126-964-11	ELECT	10uF	20%	50V	
C226	1-126-964-11	ELECT	10uF	20%	50V	
C227	1-126-964-11	ELECT	10uF	20%	50V	
C228	1-126-964-11	ELECT	10uF	20%	50V	
C229	1-126-964-11	ELECT	10uF	20%	50V	
C232	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C233	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C240	1-126-964-11	ELECT	10uF	20%	50V	
C242	1-126-964-11	ELECT	10uF	20%	50V	

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
< CONNECTOR >						C111	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
*	CNP203	1-564-507-11	PLUG, CONNECTOR 4P			C113	1-128-991-21	ELECT CHIP	10uF	20%	50V
	CNP240	1-564-705-11	PIN, CONNECTOR (SMALL TYPE) 3P			C116	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
*	CNP242	1-564-506-11	PLUG, CONNECTOR 3P			C118	1-164-936-11	CERAMIC CHIP	680PF	10%	50V
	CNS271	1-779-275-11	CONNECTOR, FFC (LIF (NON-ZIF)) 7P			C119	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
< DIODE >						C120	1-164-942-11	CERAMIC CHIP	0.0068uF	10%	16V
D210	6-501-817-01	DIODE	MA2J1110GLS0			C121	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
						C122	1-128-991-21	ELECT CHIP	10uF	20%	50V
						C123	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
						C124	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
< IC >						C125	1-128-991-21	ELECT CHIP	10uF	20%	50V
△ IC201	8-759-231-53	IC	TA7805S			C126	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
						C127	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
						C128	1-164-942-11	CERAMIC CHIP	0.0068uF	10%	16V
						C129	1-164-936-11	CERAMIC CHIP	680PF	10%	50V
< JACK >						C130	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
J210	1-815-043-11	JACK, PIN 2P	(MONITOR VIDEO OUT, VIDEO 1 DVD IN)			C131	1-164-858-11	CERAMIC CHIP	22PF	5%	50V
						C132	1-164-858-11	CERAMIC CHIP	22PF	5%	50V
						C133	1-164-858-11	CERAMIC CHIP	22PF	5%	50V
						C134	1-164-858-11	CERAMIC CHIP	22PF	5%	50V
J211	1-794-978-11	JACK, PIN 3P (VIDEO 1 VIDEO OUT, DVD VIDEO IN, SAT VIDEO IN)				C135	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
						C136	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
						C137	1-128-991-21	ELECT CHIP	10uF	20%	50V
						C138	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
J220	1-816-592-11	JACK, PIN 9P (COMPONENT VIDEO DVD IN/ VIDEO 1 IN/MONITOR OUT)				C139	1-128-991-21	ELECT CHIP	10uF	20%	50V
J221	1-821-278-12	JACK 3P (COMPONENT VIDEO SAT IN)				C140	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
						C142	1-128-991-21	ELECT CHIP	10uF	20%	50V
< RESISTOR >						C143	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
R211	1-211-990-11	METAL CHIP	75	0.5%	1/10W	C144	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
R212	1-211-990-11	METAL CHIP	75	0.5%	1/10W	C145	1-117-681-11	ELECT CHIP	100uF	20%	16V
R213	1-211-990-11	METAL CHIP	75	0.5%	1/10W	C153	1-117-681-11	ELECT CHIP	100uF	20%	16V
R214	1-211-990-11	METAL CHIP	75	0.5%	1/10W	C157	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
R215	1-211-990-11	METAL CHIP	75	0.5%	1/10W	C159	1-112-791-11	ELECT CHIP	100uF	20%	16V
R221	1-211-990-11	METAL CHIP	75	0.5%	1/10W	C161	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
R222	1-211-990-11	METAL CHIP	75	0.5%	1/10W	C163	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
R223	1-211-990-11	METAL CHIP	75	0.5%	1/10W	C164	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
R224	1-211-990-11	METAL CHIP	75	0.5%	1/10W	C165	1-164-845-11	CERAMIC CHIP	5PF	0.25PF	50V
R225	1-211-990-11	METAL CHIP	75	0.5%	1/10W	C166	1-164-845-11	CERAMIC CHIP	5PF	0.25PF	50V
R226	1-211-990-11	METAL CHIP	75	0.5%	1/10W	C174	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
R227	1-211-990-11	METAL CHIP	75	0.5%	1/10W	C175	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
R228	1-211-990-11	METAL CHIP	75	0.5%	1/10W	C176	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
R229	1-211-990-11	METAL CHIP	75	0.5%	1/10W	< CONNECTOR >					
R240	1-211-990-11	METAL CHIP	75	0.5%	1/10W	CN101	1-785-466-41	CONNECTOR, FFC/FPC 7P			
R242	1-211-990-11	METAL CHIP	75	0.5%	1/10W	CN102	1-779-993-11	PIN, CONNECTOR (PWB) 5P			
R276	1-211-990-11	METAL CHIP	75	0.5%	1/10W	CNP103	1-774-730-21	PIN, CONNECTOR (PC BOARD) 3P			
R277	1-211-990-11	METAL CHIP	75	0.5%	1/10W	< DIODE >					
R278	1-211-990-11	METAL CHIP	75	0.5%	1/10W	D101	6-500-462-01	DIODE NSAD500F-T1B			
*****						D103	8-719-083-02	DIODE KDS160-RTK			
A-1433-639-A XM BOARD, COMPLETE (US, CND)						< FERRITE BEAD >					
*****						FB101	1-469-152-11	FERRITE, EMI (SMD) (2012)			
< CAPACITOR >						FB104	1-469-152-11	FERRITE, EMI (SMD) (2012)			
C101	1-112-791-11	ELECT CHIP	100uF	20%	16V	< IC >					
C102	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V	IC101	6-705-468-01	IC BA33BC0FP-E2			
C103	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	IC102	6-709-251-01	IC F2602E-01-TR			
C104	1-128-991-21	ELECT CHIP	10uF	20%	50V	IC104	8-759-710-97	IC NJM4565M-D			
C105	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	IC105	6-707-111-01	IC PCM1753DBQR			
C106	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V						
C107	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V						
C108	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V						
C109	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V						
C110	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V						

STR-DG820

Ver. 1.1

XM

Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description	Remark				
IC106	6-706-740-01	IC BA00BC0WFP-E2					< VIBRATOR >							
△ IC107	6-705-469-01	IC BA50BC0FP-E2					X101	1-760-841-11	VIBRATOR, CRYSTAL (45.1584MHz)					

< JACK >														
J101	1-793-642-21	CONNECTOR (USB) (4P), SQUARE (XM)				MISCELLANEOUS								

< JUMPER RESISTOR >														
L101	1-216-295-91	SHORT CHIP	0			104	1-828-296-51	WIRE (FLAT TYPE) (7 CORE)						
L102	1-216-295-91	SHORT CHIP	0			105	1-693-728-31	TUNER (FM/AM) (US, CND, E51)						
< TRANSISTOR >														
Q105	8-729-027-46	TRANSISTOR	DTC114YKA-T146				105	1-693-737-21	TUNER (FM/AM) (AEP, ECE, UK)					
Q106	6-550-044-01	TRANSISTOR	2SB1689-T106				105	1-693-749-21	TUNER (FM/AM) (TW, KR, AUS)					
< RESISTOR >														
R101	1-216-845-11	METAL CHIP	100K	5%	1/10W	106	1-828-952-11	WIRE (FLAT TYPE) (9 CORE)						
R102	1-216-845-11	METAL CHIP	100K	5%	1/10W	(US, CND, E51, TW, KR, AUS)								
R103	1-216-833-11	METAL CHIP	10K	5%	1/10W	106	1-828-962-11	WIRE (FLAT TYPE) (11 CORE) (AEP, ECE, UK)						
R104	1-216-833-11	METAL CHIP	10K	5%	1/10W	△ 110	1-769-079-61	CORD, POWER (KR)						
R107	1-216-809-11	METAL CHIP	100	5%	1/10W	△ 110	1-777-071-83	CORD, POWER (AEP, ECE, UK, E51)						
< TRANSISTOR >														
R108	1-216-809-11	METAL CHIP	100	5%	1/10W	△ 110	1-783-820-11	CORD, POWER (US, CND)						
R109	1-216-841-11	METAL CHIP	47K	5%	1/10W	△ 110	1-827-597-42	CORD, POWER (TW)						
R110	1-216-809-11	METAL CHIP	100	5%	1/10W	△ 110	1-833-556-21	POWER-SUPPLY CORD (AUS)						
R112	1-216-833-11	METAL CHIP	10K	5%	1/10W	111	1-828-298-51	WIRE (FLAT TYPE) (7 CORE) (US, CND)						
R115	1-216-833-11	METAL CHIP	10K	5%	1/10W	△ F4001	1-532-465-33	FUSE (T3.15AL/250V)						
< RESISTOR >														
R116	1-216-833-11	METAL CHIP	10K	5%	1/10W	△ F4002	1-532-465-33	FUSE (T3.15AL/250V)						
R117	1-216-809-11	METAL CHIP	100	5%	1/10W	△ F902	1-532-505-33	FUSE (T5AL/250V) (E51)						
R118	1-216-841-11	METAL CHIP	47K	5%	1/10W	△ F903	1-532-464-33	FUSE (T2.5AL/250V) (E51)						
R119	1-216-841-11	METAL CHIP	47K	5%	1/10W	△ F910	1-532-464-33	FUSE (T2.5AL/250V) (AEP, ECE, UK, KR, AUS)						
R120	1-216-834-11	METAL CHIP	12K	5%	1/10W	△ F910	1-532-505-33	FUSE (T5AL/250V) (TW)						
< TRANSISTOR >														
R121	1-216-841-11	METAL CHIP	47K	5%	1/10W	△ F910	1-533-454-12	FUSE, GLASS TUBE (DIA. 5) (6.3A/125V)						
R122	1-216-841-11	METAL CHIP	47K	5%	1/10W	(US, CND)								
R123	1-216-819-11	METAL CHIP	680	5%	1/10W	Q553	6-702-390-01	TRANSISTOR MN2488-OPY-MK						
R124	1-216-832-11	METAL CHIP	8.2K	5%	1/10W	Q554	6-702-391-01	TRANSISTOR MP1620-OPY-MK						
R125	1-216-813-11	METAL CHIP	220	5%	1/10W	Q603	6-702-390-01	TRANSISTOR MN2488-OPY-MK						
< TRANSISTOR >														
R126	1-216-845-11	METAL CHIP	100K	5%	1/10W	Q604	6-702-391-01	TRANSISTOR MP1620-OPY-MK						
R127	1-216-809-11	METAL CHIP	100	5%	1/10W	Q653	6-702-390-01	TRANSISTOR MN2488-OPY-MK						
R128	1-216-845-11	METAL CHIP	100K	5%	1/10W	Q654	6-702-391-01	TRANSISTOR MP1620-OPY-MK						
R129	1-216-809-11	METAL CHIP	100	5%	1/10W	Q703	6-702-390-01	TRANSISTOR MN2488-OPY-MK						
R130	1-216-809-11	METAL CHIP	100	5%	1/10W	Q704	6-702-391-01	TRANSISTOR MP1620-OPY-MK						
< TRANSISTOR >														
R131	1-216-809-11	METAL CHIP	100	5%	1/10W	Q753	6-702-390-01	TRANSISTOR MN2488-OPY-MK						
R132	1-216-832-11	METAL CHIP	8.2K	5%	1/10W	Q754	6-702-391-01	TRANSISTOR MP1620-OPY-MK						
R133	1-216-819-11	METAL CHIP	680	5%	1/10W	Q803	6-702-390-01	TRANSISTOR MN2488-OPY-MK						
R134	1-216-809-11	METAL CHIP	100	5%	1/10W	Q804	6-702-391-01	TRANSISTOR MP1620-OPY-MK						
R137	1-216-834-11	METAL CHIP	12K	5%	1/10W	Q853	6-702-390-01	TRANSISTOR MN2488-OPY-MK						
< TRANSISTOR >														
R138	1-216-821-11	METAL CHIP	1K	5%	1/10W	Q854	6-702-391-01	TRANSISTOR MP1620-OPY-MK						
R143	1-216-809-11	METAL CHIP	100	5%	1/10W	△ T901	1-439-550-21	POWER TRANSFORMER						
R144	1-216-821-11	METAL CHIP	1K	5%	1/10W	(AEP, ECE, UK, KR, AUS)								
R145	1-216-841-11	METAL CHIP	47K	5%	1/10W	△ T901	1-439-552-11	TRANSFORMER, POWER (TW)						
R146	1-216-841-11	METAL CHIP	47K	5%	1/10W	△ T901	1-439-553-31	POWER TRANSFORMER (E51)						
< TRANSISTOR >														
R147	1-216-833-11	METAL CHIP	10K	5%	1/10W	△ T901	1-439-583-11	TRANSFORMER, POWER (US, CND)						
R156	1-216-811-11	METAL CHIP	150	5%	1/10W	*****								
R158	1-216-829-11	METAL CHIP	4.7K	5%	1/10W									
R162	1-216-845-11	METAL CHIP	100K	5%	1/10W									
R163	1-216-851-11	METAL CHIP	330K	5%	1/10W									
< TRANSISTOR >														
R174	1-216-819-11	METAL CHIP	680	5%	1/10W									
R176	1-216-833-11	METAL CHIP	10K	5%	1/10W									

Ref. No.	Part No.	Description	Remark
		ACCESSORIES	

	1-501-374-12	ANTENNA, LOOP (AM loop antenna (aerial))	
	1-501-807-12	ANTENNA (FM) (FM wire antenna (aerial))	
		(AEP, ECE, UK, TW, KR, AUS)	
	1-542-670-11	MEASUREMENT MIC (MONO)	
		(Optimizer microphone (ECM-AC2))	
△	1-569-008-22	ADAPTOR, CONVERSION 2P (E51)	
△	1-770-019-61	ADAPTOR, CONVERSION PLUG (UK)	
	1-793-184-23	CONNECTOR (F TYPE ADAPTOR)	
		(US, CND, E51)	
	3-289-450-14	INSTRUCTION MANUAL (ENGLISH) (US, CND)	
	3-289-450-23	INSTRUCTION MANUAL (FRENCH) (CND)	
	3-289-450-34	INSTRUCTION MANUAL (SPANISH) (US)	
	3-289-450-44	INSTRUCTION MANUAL (ENGLISH)	
		(AEP, ECE, UK, E51, AUS)	
	3-289-450-53	INSTRUCTION MANUAL (FRENCH) (AEP, ECE)	
	3-289-450-64	INSTRUCTION MANUAL (SPANISH)	
		(AEP, ECE, E51)	
	3-289-450-73	INSTRUCTION MANUAL	
		(GERMAN, DUTCH, SWEDISH) (AEP, ECE)	
	3-289-450-83	INSTRUCTION MANUAL (ITALIAN, POLISH)	
		(AEP, ECE)	
	3-289-451-13	INSTRUCTION MANUAL (DANISH, FINNISH)	
		(AEP, ECE)	
	3-289-451-23	INSTRUCTION MANUAL (PORTUGUESE)	
		(AEP, ECE)	
	3-289-451-33	INSTRUCTION MANUAL (RUSSIAN) (AEP, ECE)	
	3-289-451-42	INSTRUCTION MANUAL (KOREAN) (KR)	
	3-289-451-53	INSTRUCTION MANUAL	
		(TRADITIONAL CHINESE) (TW)	
	3-700-345-11	INSTRUCTION MANUAL (GREEK) (AEP, ECE)	
	3-700-345-21	INSTRUCTION MANUAL (TURKISH) (AEP, ECE)	
	3-700-345-31	INSTRUCTION MANUAL (HUNGARIAN, CZECH)	
		(AEP, ECE)	
	3-700-345-41	INSTRUCTION MANUAL (SLOVAKIAN)	
		(AEP, ECE)	
	A-1506-680-A	RM-AAP021 (Remote commander) (US, CND)	
	A-1512-401-A	RM-AAP022 (Remote commander)	
		(AEP, ECE, UK, E51, TW, KR, AUS)	

MEMO

STR-DG820

SONY®

SERVICE MANUAL

Ver. 1.1 2008.08

US Model
Canadian Model
AEP Model
UK Model
E Model
Australian Model

SUPPLEMENT-1

File this supplement with the service manual.

**Subject: Addition of MAIN and VIDEO boards
(Type B: AEP, ECE and UK models only)
Change of HDMI board (Suffix-13)
Change of DSP board (Suffix-12)**

AEP, ECE and UK models only:
In MAIN and VIDEO boards, there are type A and type B.
Only the diagrams and electrical parts list of type B in the MAIN and VIDEO boards are described in this supplement-1.
Please refer to the original service manual for type A.
Plaese refer to this supplement-1 for type B.

All models:
In this set, HDMI and DSP boards have been changed in the midway of production.
Only the diagrams and electrical parts list of new type in the HDMI and DSP boards are described in this supplement-1.
Refer to original service manual for other information.

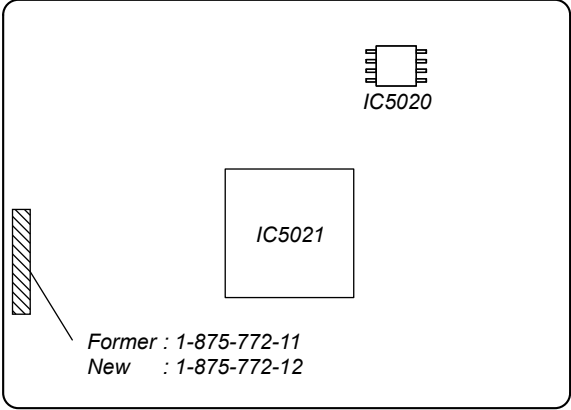
- Abbreviation
ECE : Continental European, East European and Russian models

TABLE OF CONTENTS

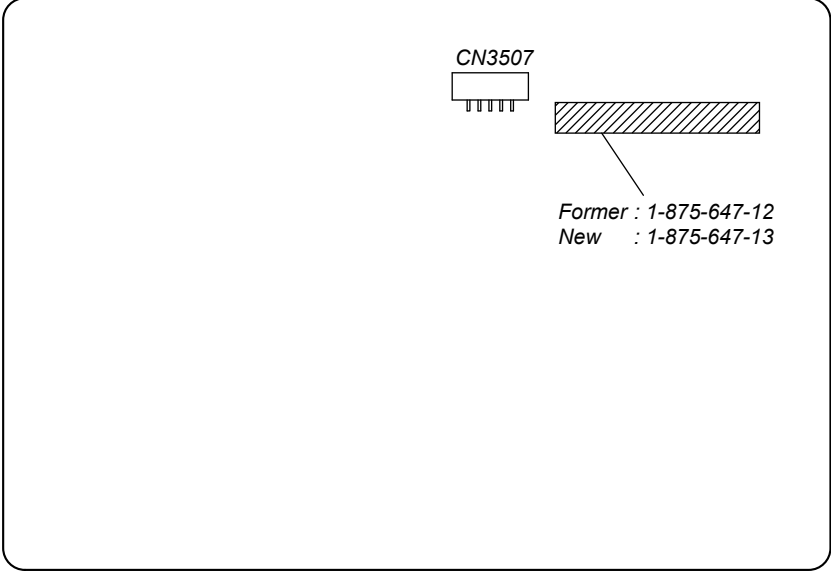
1. DISCRIMINATION	1	2-6. Printed Wiring Board	
2. DIAGRAMS		- HDMI Board (Conductor Side) -	8
2-1. Printed Wiring Board		2-7. Schematic Diagram - HDMI Board (1/2) -	9
- MAIN Board (AEP, ECE, UK models) -	3	2-8. Schematic Diagram - HDMI Board (2/2) -	10
2-2. Schematic Diagram		2-9. Printed Wiring Board - DSP Board -	11
- MAIN Board (1/3) (AEP, ECE, UK models) -	4	2-10. Schematic Diagram - DSP Board -	12
2-3. Schematic Diagram		2-11. Printed Wiring Board	
- MAIN Board (2/3) (AEP, ECE, UK models) -	5	- VIDEO Board (AEP, ECE, UK models) -	13
2-4. Schematic Diagram		2-12. Schematic Diagram	
- MAIN Board (3/3) (AEP, ECE, UK models) -	6	- VIDEO Board (AEP, ECE, UK models) -	14
2-5. Printed Wiring Board		3. ELECTRICAL PARTS LIST	15
- HDMI Board (Component Side) -	7		

1. DISCRIMINATION

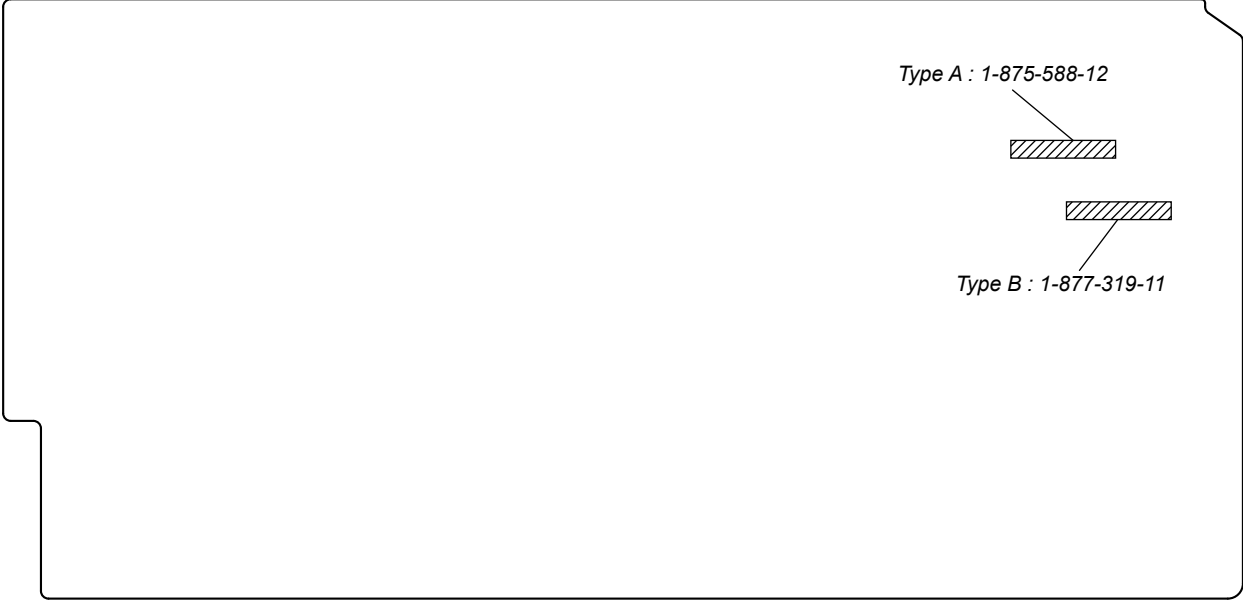
– DSP Board (Side A) –



– HDMI Board (Component Side) –



– MAIN Board (Component Side) – (AEP, ECE, UK models only)



2. DIAGRAMS

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

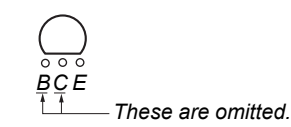
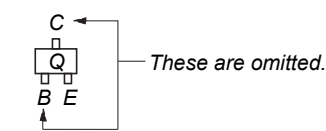
For Printed Wiring Boards.

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

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

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

- HDMI board and DSP board are multi-layer printed boards.
However, the patterns of intermediate-layers have not been included in diagrams.
- Indication of transistor.



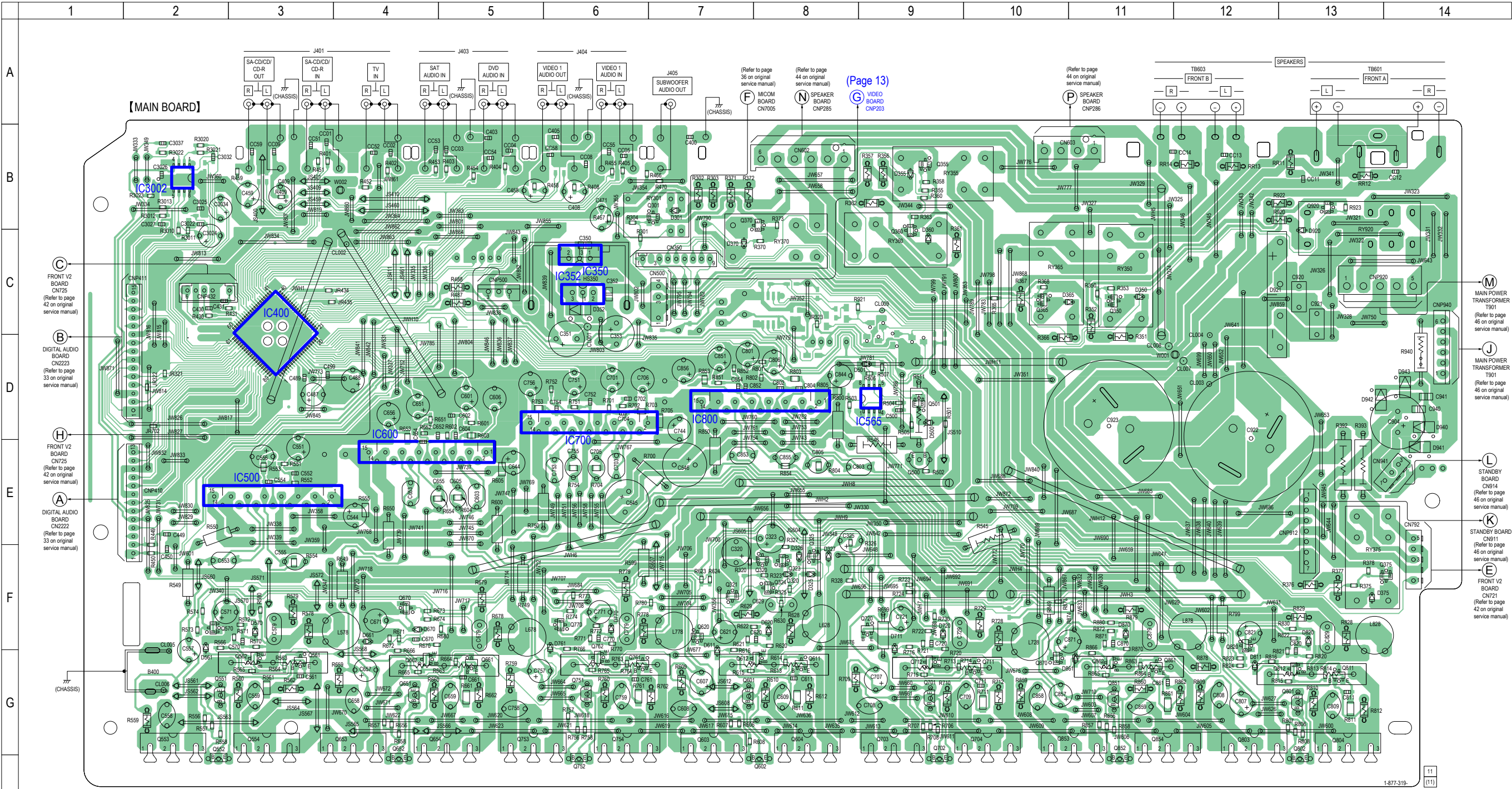
For Schematic Diagrams.

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

Note: The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.	Note: Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
---	---

- : B+ Line.
- : B- Line.
- Voltages are dc with respect to ground under no-signal (detuned) conditions.
no mark: TUNER
- Voltages are taken with a VOM (Input impedance 10 M Ω).
Voltage variations may be noted due to normal production tolerances.
- Signal path.
 - : AUDIO (DIGITAL)
 - : AUDIO (ANALOG)
 - : TUNER
 - : VIDEO
- Abbreviation
 - ECE : Continental European, East European and Russian models

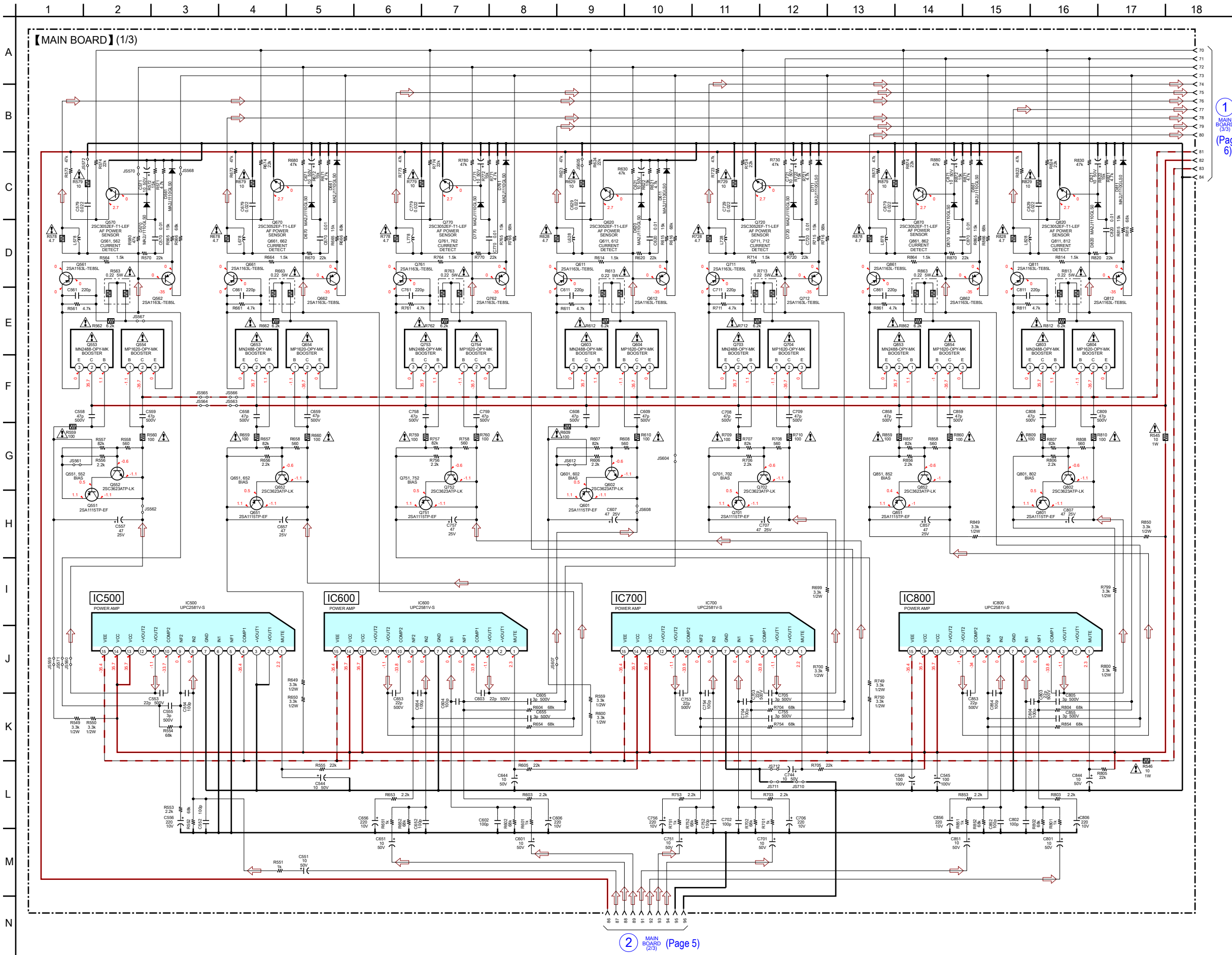
2-1. PRINTED WIRING BOARD - MAIN Board (AEP, ECE, UK models) - • : Uses unleaded solder.



• Semiconductor Location

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D301	B-7	D370	C-7	D711	F-9	D940	D-14	IC600	E-4	Q325	F-8	Q552	H-2	Q611	G-8	Q701	G-9
D320	F-8	D375	F-13	D720	G-9	D941	E-14	IC700	D-6	Q350	C-11	Q553	G-2	Q612	G-8	Q702	H-9
D325	F-8	D500	D-9	D761	F-6	D942	D-13	IC800	D-7	Q355	B-9	Q554	G-3	Q620	F-7	Q703	G-9
D326	F-8	D501	D-9	D770	F-6	D943	D-14	IC3002	B-2	Q360	C-9	Q561	G-3	Q651	G-4	Q704	G-10
D327	F-8	D561	F-2	D811	G-12					Q365	C-10	Q562	G-3	Q652	H-4	Q711	G-10
D350	C-11	D570	F-3	D820	F-13	IC350	C-6	Q301	B-7	Q370	B-8	Q570	F-2	Q653	G-4	Q712	G-9
D352	C-6	D611	G-7	D861	G-11	IC352	C-6	Q320	F-8	Q375	F-14	Q601	G-7	Q654	G-5	Q720	F-9
D355	B-9	D620	F-8	D870	F-11	IC400	C-3	Q321	F-7	Q500	E-9	Q602	H-8	Q661	G-5	Q751	G-6
D360	C-8	D661	F-4	D920	C-13	IC500	E-3	Q323	F-8	Q501	D-9	Q603	G-7	Q662	G-4	Q752	H-6
D365	C-11	D670	F-4	D921	C-13	IC565	D-9	Q324	F-8	Q551	G-2	Q604	G-8	Q670	F-4	Q753	G-5
																Q754	G-6
																Q761	G-6
																Q762	G-6
																Q770	F-6
																Q801	G-13
																Q802	H-13
																Q803	G-12
																Q804	G-13
																Q811	G-13
																Q812	G-13
																Q820	F-12
																Q851	G-11
																Q852	H-11
																Q853	G-11
																Q854	G-11
																Q861	G-11
																Q862	G-11
																Q870	G-10
																Q920	B-13

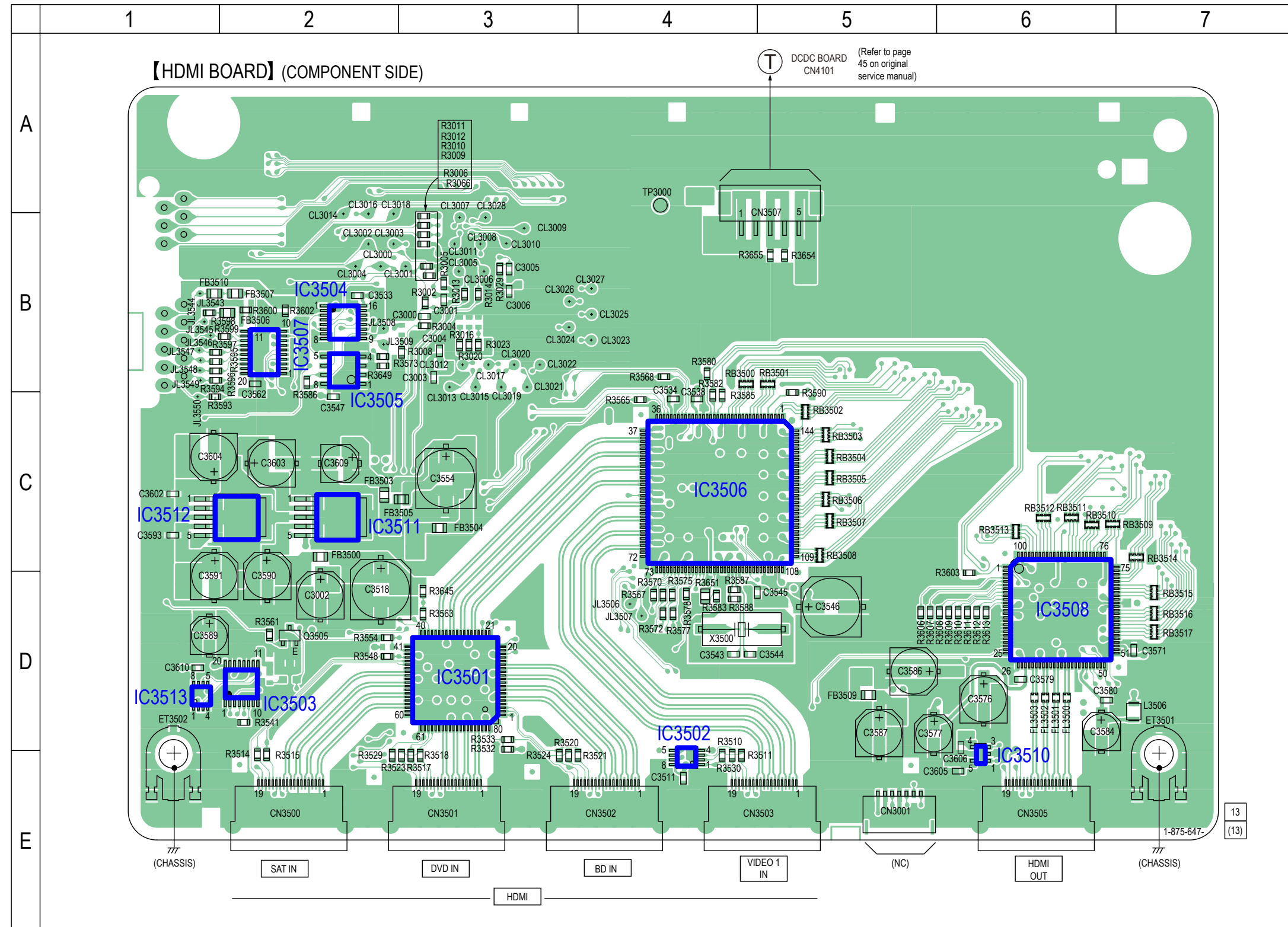
2-2. SCHEMATIC DIAGRAM - MAIN Board (1/3) (AEP, ECE, UK models) -



5 5



Note: When IC3506 and IC3508 cannot exchange with single. When IC3506 and IC3508 are damaged, exchange the entire mounted board.

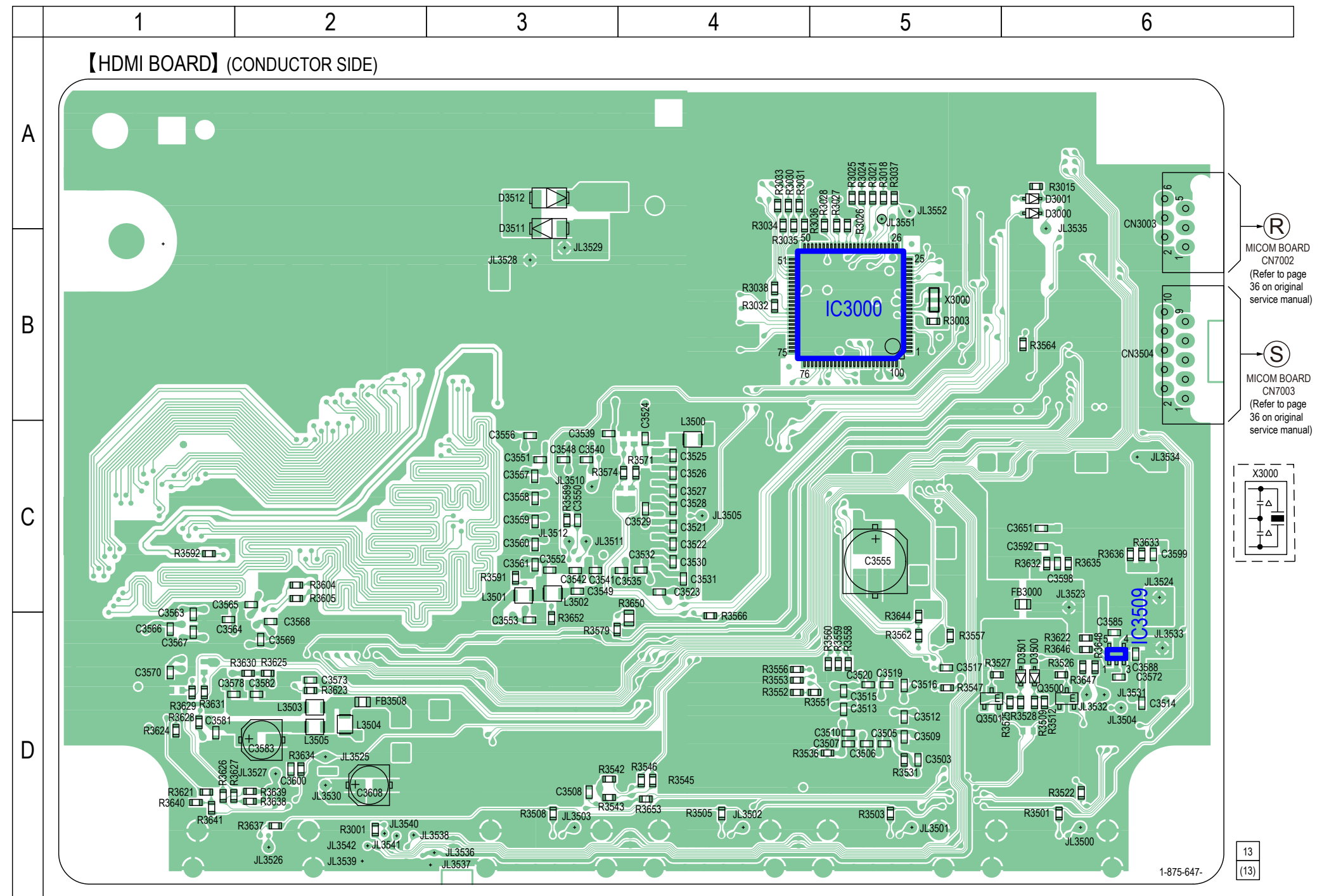


Ref. No.	Location
IC3501	D-3
IC3502	E-4
IC3503	D-2
IC3504	B-2
IC3505	B-2
IC3506	C-4
IC3507	B-2
IC3508	D-6
IC3510	E-10
IC3511	C-2
IC3512	C-2
IC3513	D-1
Q3505	D-2

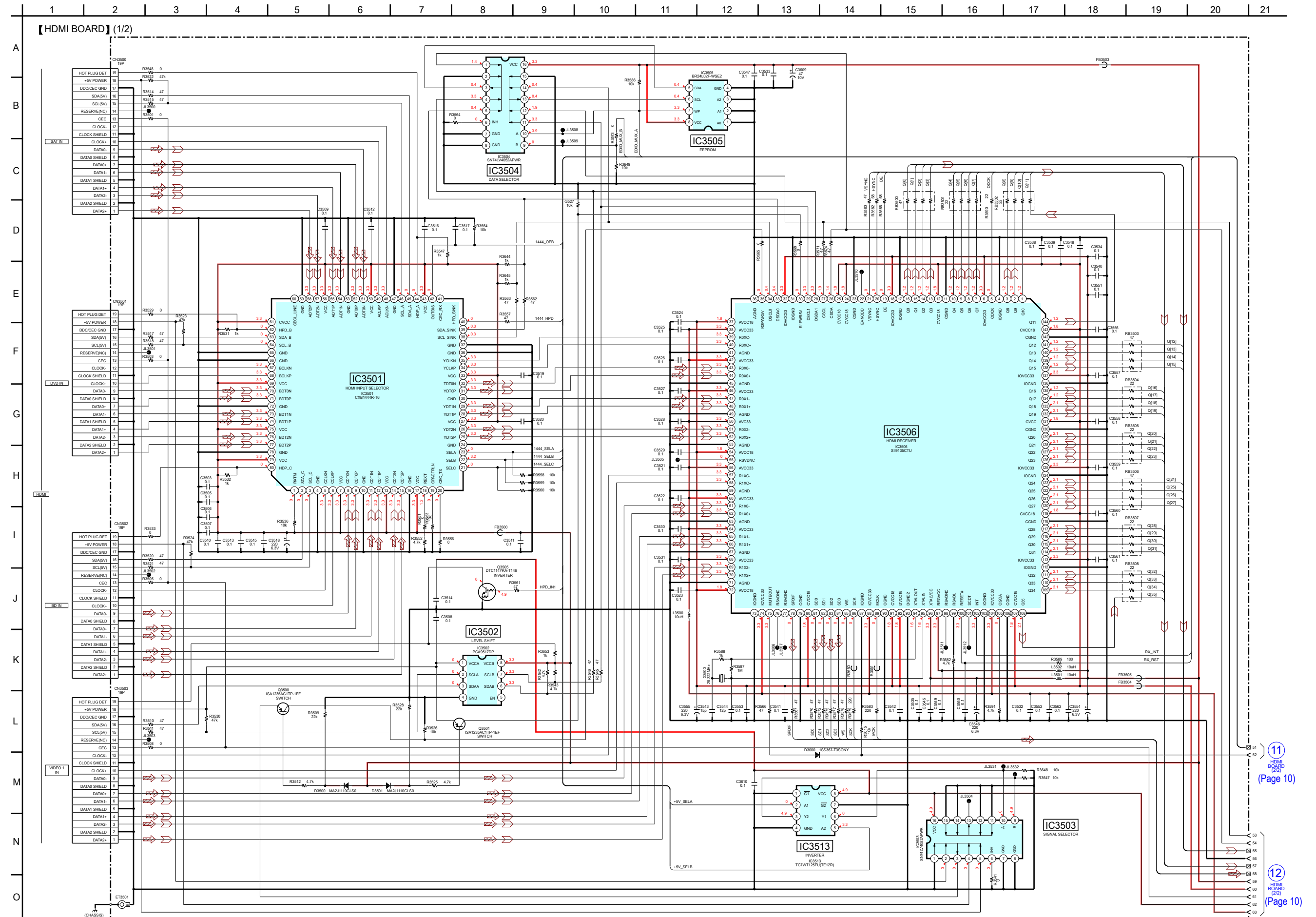
Note: When IC3506 and IC3508 cannot exchange with single. When IC3506 and IC3508 are damaged, exchange the entire mounted board.

2-6. PRINTED WIRING BOARD - HDMI Board (Conductor Side) - • : Uses unleaded solder.

• Semiconductor Location	
Ref. No.	Location
D3000	A-6
D3001	A-6
D3500	D-6
D3501	D-6
D3511	A-3
D3512	A-3
IC3000	B-5
IC3509	D-6
Q3500	D-6
Q3501	D-5

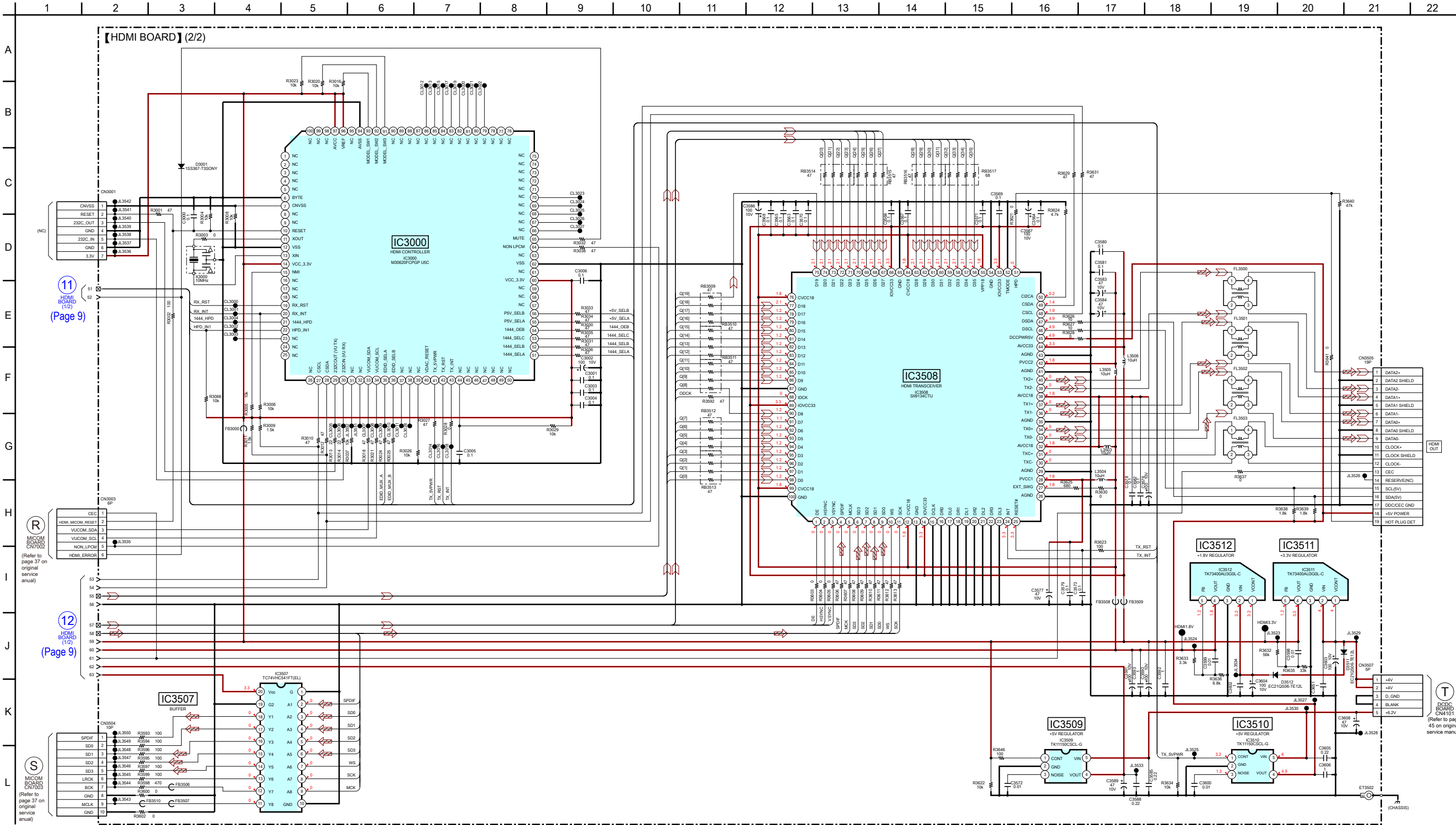


2-7. SCHEMATIC DIAGRAM - HDMI Board (1/2) -

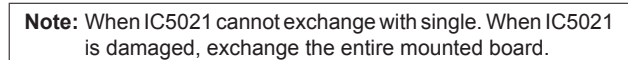


Note: When IC3506 cannot exchange with single. When IC3506 is damaged, exchange the entire mounted board.

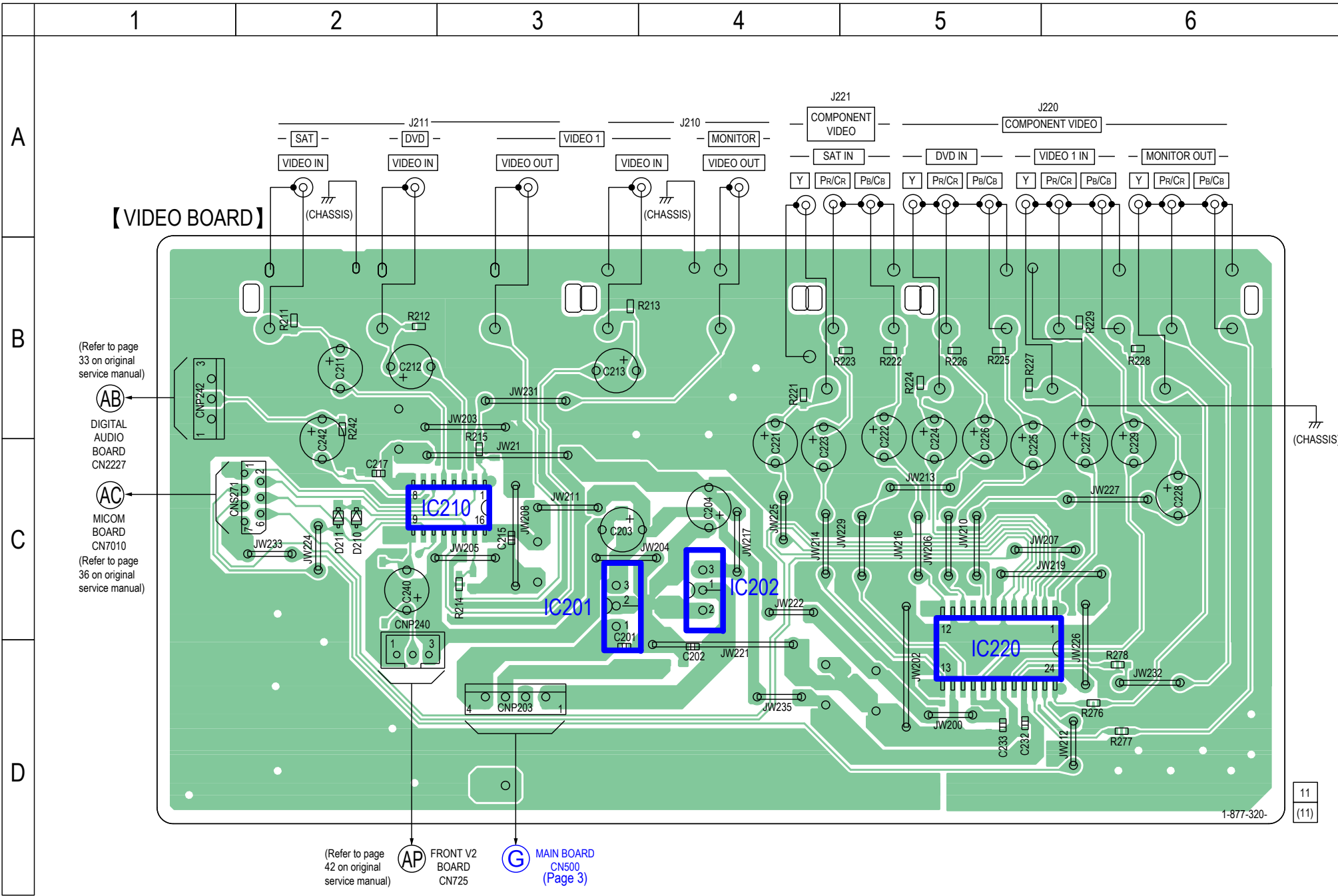
2-8. SCHEMATIC DIAGRAM - HDMI Board (2/2) -



12



2-11. PRINTED WIRING BOARD - VIDEO Board (AEP, ECE, UK models) - •  : Uses unleaded solder.



• Semiconductor Location

Ref. No.	Location
D210	C-2
D211	C-2
IC201	C-3
IC202	C-4
IC210	C-3
IC220	D-5

1	2	3	4	5	6	7	8	9	10	11	12
---	---	---	---	---	---	---	---	---	----	----	----



3. 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: μ F
- COILS
uH: μ H

- 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. . . : μ A. . . , μ PA. . . , μ PA. . . ,
uPB. . . : μ PB. . . , μ PC. . . , μ PC. . . ,
uPD. . . : μ PD. . .
- Abbreviation
ECE : Continental European,
East European and
Russian models

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

Les composants identifiés par une marque Δ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

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

Les composants identifiés par la marque Δ contiennent des informations confidentielles.
Suivre scrupuleusement les instructions chaque fois qu'un composant est remplacé et / ou réparé.

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

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
	A-1439-165-A	DSP BOARD, COMPLETE *****		C5196	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
		< CAPACITOR >		C5197	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C5001	1-112-071-11	ELECT CHIP 220uF 20% 6.3V		C5198	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C5007	1-112-075-11	ELECT CHIP 47uF 20% 16V		C5199	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C5088	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		C5200	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C5091	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V		C5201	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C5094	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		C5202	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C5095	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V				< CONNECTOR >	
C5117	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		CN5001	1-815-136-21	CONNECTOR, BOARD TO BOARD	
C5120	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V				< FERRITE BEAD >	
C5126	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		FB5003	1-469-152-11	FERRITE, EMI (SMD) (2012)	
C5132	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V				< FILTER >	
C5139	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		FL5006	1-400-874-11	FILTER, EMI REMOVAL (SMD)	
C5140	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		FL5009	1-400-874-11	FILTER, EMI REMOVAL (SMD)	
C5144	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		FL5010	1-400-874-11	FILTER, EMI REMOVAL (SMD)	
C5150	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		FL5011	1-400-874-11	FILTER, EMI REMOVAL (SMD)	
C5155	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		FL5013	1-239-480-11	FILTER, EMI	
C5161	1-114-385-11	ELECT CHIP 470uF 20% 6.3V				< IC >	
C5162	1-114-385-11	ELECT CHIP 470uF 20% 6.3V		IC5020	A-1551-000-A	IC SST25VF016B-50-4C-S2AF-T (for SERVICE)	
C5163	1-162-913-11	CERAMIC CHIP 8PF 0.5PF 50V		IC5021	(Not supplied)	IC D790E002BZDH300	
C5164	1-162-913-11	CERAMIC CHIP 8PF 0.5PF 50V		IC5022	6-711-832-01	IC M12L64322A-6TG	
C5165	1-162-962-11	CERAMIC CHIP 470PF 10% 50V		IC5028	6-712-613-01	IC SI-3010KM-TLS	
C5166	1-162-962-11	CERAMIC CHIP 470PF 10% 50V				< RESISTOR >	
C5168	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		R5279	1-218-829-11	METAL CHIP 180 0.5% 1/10W	
C5170	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V		R5280	1-216-857-11	METAL CHIP 1M 5% 1/10W	
C5172	1-112-071-11	ELECT CHIP 220uF 20% 6.3V		R5290	1-211-985-11	METAL CHIP 47 0.5% 1/10W	
C5173	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		R5299	1-218-871-11	METAL CHIP 10K 0.5% 1/10W	
C5175	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		R5321	1-211-977-11	METAL CHIP 22 0.5% 1/10W	
C5176	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		R5322	1-211-977-11	METAL CHIP 22 0.5% 1/10W	
C5177	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		R5323	1-211-977-11	METAL CHIP 22 0.5% 1/10W	
C5178	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		R5324	1-211-977-11	METAL CHIP 22 0.5% 1/10W	
C5179	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		R5325	1-211-977-11	METAL CHIP 22 0.5% 1/10W	
C5180	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		R5326	1-211-977-11	METAL CHIP 22 0.5% 1/10W	
C5181	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		R5327	1-211-977-11	METAL CHIP 22 0.5% 1/10W	
C5182	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		R5331	1-211-977-11	METAL CHIP 22 0.5% 1/10W	
C5183	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V		R5332	1-211-977-11	METAL CHIP 22 0.5% 1/10W	
C5185	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V		R5333	1-211-977-11	METAL CHIP 22 0.5% 1/10W	
C5188	1-114-385-11	ELECT CHIP 470uF 20% 6.3V					
C5189	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V					
C5193	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V					
C5195	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V					

Note: When IC5021 cannot exchange with single. When IC5021 is damaged, exchange the entire mounted board.

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R5334	1-211-977-11	METAL CHIP	22	0.5%	1/10W	RB025	1-234-373-21	RES, NETWORK 220 (1005X4)			
R5335	1-211-977-11	METAL CHIP	22	0.5%	1/10W	RB026	1-234-373-21	RES, NETWORK 220 (1005X4)			
R5336	1-211-977-11	METAL CHIP	22	0.5%	1/10W	< VIBRATOR >					
R5337	1-211-977-11	METAL CHIP	22	0.5%	1/10W						
R5341	1-211-977-11	METAL CHIP	22	0.5%	1/10W	X002	1-813-868-21	VIBRATOR, CRYSTAL (25MHz)			
R5346	1-211-977-11	METAL CHIP	22	0.5%	1/10W	*****					
R5347	1-211-977-11	METAL CHIP	22	0.5%	1/10W	Ⓐ	A-1486-810-A	HDMI BOARD, COMPLETE (for SERVICE)			
R5348	1-211-977-11	METAL CHIP	22	0.5%	1/10W	*****					
R5349	1-211-977-11	METAL CHIP	22	0.5%	1/10W	< CAPACITOR >					
R5350	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	C3000	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5355	1-218-871-11	METAL CHIP	10K	0.5%	1/10W	C3001	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5357	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	C3002	1-128-995-21	ELECT CHIP	100uF	20%	10V
R5358	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	C3003	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5359	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	C3004	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5368	1-218-871-11	METAL CHIP	10K	0.5%	1/10W	C3005	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5369	1-218-871-11	METAL CHIP	10K	0.5%	1/10W	C3006	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5373	1-218-871-11	METAL CHIP	10K	0.5%	1/10W	C3503	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5375	1-211-977-11	METAL CHIP	22	0.5%	1/10W	C3505	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5376	1-211-977-11	METAL CHIP	22	0.5%	1/10W	C3506	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5377	1-211-977-11	METAL CHIP	22	0.5%	1/10W	C3507	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5378	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	C3508	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5384	1-211-977-11	METAL CHIP	22	0.5%	1/10W	C3509	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5385	1-211-977-11	METAL CHIP	22	0.5%	1/10W	C3510	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5386	1-211-977-11	METAL CHIP	22	0.5%	1/10W	C3511	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5387	1-211-977-11	METAL CHIP	22	0.5%	1/10W	C3512	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5391	1-218-871-11	METAL CHIP	10K	0.5%	1/10W	C3513	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5392	1-218-871-11	METAL CHIP	10K	0.5%	1/10W	C3514	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5393	1-216-864-11	SHORT CHIP	0			C3515	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5394	1-211-977-11	METAL CHIP	22	0.5%	1/10W	C3516	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5397	1-218-871-11	METAL CHIP	10K	0.5%	1/10W	C3517	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5399	1-218-871-11	METAL CHIP	10K	0.5%	1/10W	C3518	1-112-071-11	ELECT CHIP	220uF	20%	6.3V
R5402	1-218-871-11	METAL CHIP	10K	0.5%	1/10W	C3519	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5403	1-211-977-11	METAL CHIP	22	0.5%	1/10W	C3520	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5404	1-211-977-11	METAL CHIP	22	0.5%	1/10W	C3521	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5406	1-211-977-11	METAL CHIP	22	0.5%	1/10W	C3522	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5407	1-211-977-11	METAL CHIP	22	0.5%	1/10W	C3523	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5408	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W	C3524	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5409	1-218-871-11	METAL CHIP	10K	0.5%	1/10W	C3525	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5410	1-218-871-11	METAL CHIP	10K	0.5%	1/10W	C3526	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5411	1-211-977-11	METAL CHIP	22	0.5%	1/10W	C3527	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5412	1-211-977-11	METAL CHIP	22	0.5%	1/10W	C3528	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5413	1-211-977-11	METAL CHIP	22	0.5%	1/10W	C3529	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5414	1-211-977-11	METAL CHIP	22	0.5%	1/10W	C3530	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5415	1-218-871-11	METAL CHIP	10K	0.5%	1/10W	C3531	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R5416	1-218-837-11	METAL CHIP	390	0.5%	1/10W	C3532	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
< COMPOSITION CIRCUIT BLOCK >						C3533	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
RB009	1-234-372-11	RES, NETWORK 100 (1005X4)				C3534	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
RB010	1-234-372-11	RES, NETWORK 100 (1005X4)				C3535	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
RB011	1-234-372-11	RES, NETWORK 100 (1005X4)				C3536	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
RB012	1-234-372-11	RES, NETWORK 100 (1005X4)				C3539	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
RB013	1-234-372-11	RES, NETWORK 100 (1005X4)				C3540	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
RB014	1-234-372-11	RES, NETWORK 100 (1005X4)				C3541	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
RB015	1-234-372-11	RES, NETWORK 100 (1005X4)				C3542	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
RB016	1-234-372-11	RES, NETWORK 100 (1005X4)				C3543	1-162-917-11	CERAMIC CHIP	15PF	5%	50V
RB019	1-234-373-21	RES, NETWORK 220 (1005X4)				C3544	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
RB021	1-234-373-21	RES, NETWORK 220 (1005X4)				C3545	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
RB022	1-234-373-21	RES, NETWORK 220 (1005X4)				C3546	1-112-071-11	ELECT CHIP	220uF	20%	6.3V
RB024	1-234-373-21	RES, NETWORK 220 (1005X4)				C3547	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
						C3548	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C3549	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		CN3501	1-820-735-31	HDMI CONNECTOR (HDMI DVD IN)	
C3550	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		CN3502	1-820-735-31	HDMI CONNECTOR (HDMI BD IN)	
C3551	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		CN3503	1-820-735-31	HDMI CONNECTOR (HDMI VIDEO 1 IN)	
C3552	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		CN3504	1-770-406-11	CONNECTOR, BOARD TO BOARD 10P	
C3553	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		CN3505	1-820-735-31	HDMI CONNECTOR (HDMI OUT)	
C3554	1-112-071-11	ELECT CHIP 220uF 20% 6.3V		CN3507	1-779-993-11	PIN, CONNECTOR (PWB) 5P	
C3555	1-112-071-11	ELECT CHIP 220uF 20% 6.3V				< DIODE >	
C3556	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		D3000	8-719-049-09	DIODE 1SS367-T3SONY	
C3557	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		D3001	8-719-049-09	DIODE 1SS367-T3SONY	
C3558	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		D3500	6-501-817-01	DIODE MA2J1110GLS0	
C3559	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		D3501	6-501-817-01	DIODE MA2J1110GLS0	
C3560	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		D3511	8-719-073-81	DIODE EC21QS06-TE12L	
C3561	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		D3512	8-719-073-81	DIODE EC21QS06-TE12L	
C3562	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V				< EARTH TERMINAL >	
C3563	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		ET3501	1-780-318-11	TERMINAL	
C3564	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		ET3502	1-780-318-11	TERMINAL	
C3565	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V				< FERRITE BEAD >	
C3566	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		FB3000	1-469-152-11	FERRITE, EMI (SMD) (2012)	
C3567	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		FB3500	1-469-324-21	FERRITE, EMI (SMD) (2012)	
C3568	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		FB3503	1-469-152-11	FERRITE, EMI (SMD) (2012)	
C3569	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		FB3504	1-469-324-21	FERRITE, EMI (SMD) (2012)	
C3570	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		FB3505	1-469-324-21	FERRITE, EMI (SMD) (2012)	
C3571	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		FB3506	1-469-139-21	FERRITE, EMI (SMD) (2012)	
C3572	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V		FB3507	1-469-139-21	FERRITE, EMI (SMD) (2012)	
C3573	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		FB3508	1-469-324-21	FERRITE, EMI (SMD) (2012)	
C3576	1-128-995-21	ELECT CHIP 100uF 20% 10V		FB3509	1-469-152-11	FERRITE, EMI (SMD) (2012)	
C3577	1-128-994-21	ELECT CHIP 47uF 20% 10V		FB3510	1-414-813-11	FERRITE, EMI (SMD) (2012)	
C3578	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V				< COIL >	
C3579	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		* FL3500	1-813-880-11	COMMON MODE CHOKE COIL	
C3580	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		* FL3501	1-813-880-11	COMMON MODE CHOKE COIL	
C3581	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		* FL3502	1-813-880-11	COMMON MODE CHOKE COIL	
C3582	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		* FL3503	1-813-880-11	COMMON MODE CHOKE COIL	
C3583	1-128-994-21	ELECT CHIP 47uF 20% 10V				< IC >	
C3584	1-128-994-21	ELECT CHIP 47uF 20% 10V		IC3000	A-1550-924-A	IC M30620FCPGP U5C (for SERVICE)	
C3585	1-115-467-11	CERAMIC CHIP 0.22uF 10% 10V		IC3501	8-753-282-08	IC CXB1444R-T6	
C3586	1-128-995-21	ELECT CHIP 100uF 20% 10V		IC3502	6-708-758-01	IC PCA9517DP.118	
C3587	1-128-995-21	ELECT CHIP 100uF 20% 10V		IC3503	8-759-596-39	IC SN74LV4052APWR	
C3588	1-115-467-11	CERAMIC CHIP 0.22uF 10% 10V		IC3504	8-759-596-39	IC SN74LV4052APWR	
C3589	1-128-994-21	ELECT CHIP 47uF 20% 10V		IC3505	6-704-001-01	IC BR24L02F-WSE2	
C3590	1-100-669-11	ELECT CHIP 100uF 20% 10V		IC3506	(Not supplied)	IC SII9135CTU	
C3591	1-100-669-11	ELECT CHIP 100uF 20% 10V		IC3507	8-759-524-50	IC TC74VHC541FT (EL)	
C3592	1-165-908-11	CERAMIC CHIP 1uF 10% 10V		IC3508	(Not supplied)	IC SII9134CTU	
C3593	1-165-908-11	CERAMIC CHIP 1uF 10% 10V		IC3509	6-705-337-01	IC TK11150CSCL-G	
C3598	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V		IC3510	6-705-337-01	IC TK11150CSCL-G	
C3599	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V		IC3511	6-708-913-01	IC TK73400AU3G0L-C	
C3600	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V		IC3512	6-708-913-01	IC TK73400AU3G0L-C	
C3602	1-165-908-11	CERAMIC CHIP 1uF 10% 10V		IC3513	8-759-679-36	IC TC7WT125FU (TE12R)	
C3603	1-128-995-21	ELECT CHIP 100uF 20% 10V				< COIL >	
C3604	1-128-995-21	ELECT CHIP 100uF 20% 10V		L3500	1-469-525-91	INDUCTOR 10uH	
C3605	1-115-467-11	CERAMIC CHIP 0.22uF 10% 10V		L3501	1-469-525-91	INDUCTOR 10uH	
C3606	1-165-908-11	CERAMIC CHIP 1uF 10% 10V		L3502	1-469-525-91	INDUCTOR 10uH	
C3608	1-128-994-21	ELECT CHIP 47uF 20% 10V		L3503	1-469-525-91	INDUCTOR 10uH	
C3609	1-128-994-21	ELECT CHIP 47uF 20% 10V		L3504	1-469-525-91	INDUCTOR 10uH	
C3610	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		L3505	1-469-525-91	INDUCTOR 10uH	
C3651	1-165-908-11	CERAMIC CHIP 1uF 10% 10V					
		< CONNECTOR >					
CN3001	1-784-859-51	CONNECTOR, FFC (LIF (NON-ZIF)) 7P					
CN3003	1-770-412-11	CONNECTOR, BOARD TO BOARD 6P					
CN3500	1-820-735-31	HDMI CONNECTOR (HDMI SAT IN)					

Note: When IC3506 and IC3508 cannot exchange with single. When IC3506 and IC3508 are damaged, exchange the entire mounted board.

HDMI

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
L3506	1-469-525-91	INDUCTOR	10uH			R3525	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
		< TRANSISTOR >				R3526	1-216-833-11	METAL CHIP	10K	5%	1/10W
						R3527	1-216-833-11	METAL CHIP	10K	5%	1/10W
Q3500	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF			R3528	1-216-837-11	METAL CHIP	22K	5%	1/10W
Q3501	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF			R3529	1-216-864-11	SHORT CHIP	0		
Q3505	8-729-027-46	TRANSISTOR	DTC114YKA-T146			R3530	1-216-841-11	METAL CHIP	47K	5%	1/10W
		< RESISTOR >				R3531	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R3532	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3001	1-216-805-11	METAL CHIP	47	5%	1/10W	R3533	1-216-864-11	SHORT CHIP	0		
R3002	1-216-809-11	METAL CHIP	100	5%	1/10W	R3536	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3003	1-216-864-11	SHORT CHIP	0			R3541	1-216-864-11	SHORT CHIP	0		
R3004	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3542	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3005	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3543	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3006	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3545	1-216-805-11	METAL CHIP	47	5%	1/10W
R3008	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3546	1-216-805-11	METAL CHIP	47	5%	1/10W
R3009	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	R3547	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3010	1-216-805-11	METAL CHIP	47	5%	1/10W	R3548	1-216-864-11	SHORT CHIP	0		
R3011	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	R3551	1-216-864-11	SHORT CHIP	0		
R3012	1-216-805-11	METAL CHIP	47	5%	1/10W	R3552	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R3013	1-216-801-11	METAL CHIP	22	5%	1/10W	R3553	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3014	1-216-801-11	METAL CHIP	22	5%	1/10W	R3554	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3015	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3556	1-216-864-11	SHORT CHIP	0		
R3016	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3557	1-216-805-11	METAL CHIP	47	5%	1/10W
R3018	1-216-805-11	METAL CHIP	47	5%	1/10W	R3558	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3020	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3559	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3021	1-216-805-11	METAL CHIP	47	5%	1/10W	R3560	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3023	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3561	1-216-805-11	METAL CHIP	47	5%	1/10W
R3024	1-216-805-11	METAL CHIP	47	5%	1/10W	R3562	1-216-805-11	METAL CHIP	47	5%	1/10W
R3025	1-216-805-11	METAL CHIP	47	5%	1/10W	R3563	1-216-805-11	METAL CHIP	47	5%	1/10W
R3026	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3564	1-216-864-11	SHORT CHIP	0		
R3027	1-216-805-11	METAL CHIP	47	5%	1/10W	R3565	1-216-864-11	SHORT CHIP	0		
R3028	1-216-864-11	SHORT CHIP	0			R3566	1-216-805-11	METAL CHIP	47	5%	1/10W
R3029	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3567	1-216-805-11	METAL CHIP	47	5%	1/10W
R3030	1-216-805-11	METAL CHIP	47	5%	1/10W	R3568	1-216-864-11	SHORT CHIP	0		
R3031	1-216-805-11	METAL CHIP	47	5%	1/10W	R3570	1-216-805-11	METAL CHIP	47	5%	1/10W
R3032	1-216-805-11	METAL CHIP	47	5%	1/10W	R3571	1-216-805-11	METAL CHIP	47	5%	1/10W
R3033	1-216-805-11	METAL CHIP	47	5%	1/10W	R3572	1-216-805-11	METAL CHIP	47	5%	1/10W
R3034	1-216-805-11	METAL CHIP	47	5%	1/10W	R3573	1-216-864-11	SHORT CHIP	0		
R3035	1-216-805-11	METAL CHIP	47	5%	1/10W	R3574	1-216-805-11	METAL CHIP	47	5%	1/10W
R3036	1-216-805-11	METAL CHIP	47	5%	1/10W	R3575	1-216-805-11	METAL CHIP	47	5%	1/10W
R3037	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3577	1-216-805-11	METAL CHIP	47	5%	1/10W
R3038	1-216-805-11	METAL CHIP	47	5%	1/10W	R3578	1-216-805-11	METAL CHIP	47	5%	1/10W
R3066	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3579	1-216-813-11	METAL CHIP	220	5%	1/10W
R3501	1-216-864-11	SHORT CHIP	0			R3580	1-216-805-11	METAL CHIP	47	5%	1/10W
R3503	1-216-864-11	SHORT CHIP	0			R3582	1-216-807-11	METAL CHIP	68	5%	1/10W
R3505	1-216-864-11	SHORT CHIP	0			R3583	1-216-813-11	METAL CHIP	220	5%	1/10W
R3508	1-216-864-11	SHORT CHIP	0			R3585	1-216-807-11	METAL CHIP	68	5%	1/10W
R3509	1-216-837-11	METAL CHIP	22K	5%	1/10W	R3586	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3510	1-216-805-11	METAL CHIP	47	5%	1/10W	R3587	1-216-857-11	METAL CHIP	1M	5%	1/10W
R3511	1-216-805-11	METAL CHIP	47	5%	1/10W	R3588	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3512	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R3589	1-216-809-11	METAL CHIP	100	5%	1/10W
R3514	1-216-805-11	METAL CHIP	47	5%	1/10W	R3590	1-216-801-11	METAL CHIP	22	5%	1/10W
R3515	1-216-805-11	METAL CHIP	47	5%	1/10W	R3591	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3517	1-216-805-11	METAL CHIP	47	5%	1/10W	R3592	1-216-805-11	METAL CHIP	47	5%	1/10W
R3518	1-216-805-11	METAL CHIP	47	5%	1/10W	R3593	1-216-809-11	METAL CHIP	100	5%	1/10W
R3520	1-216-805-11	METAL CHIP	47	5%	1/10W	R3594	1-216-809-11	METAL CHIP	100	5%	1/10W
R3521	1-216-805-11	METAL CHIP	47	5%	1/10W	R3595	1-216-809-11	METAL CHIP	100	5%	1/10W
R3522	1-216-841-11	METAL CHIP	47K	5%	1/10W	R3596	1-216-809-11	METAL CHIP	100	5%	1/10W
R3523	1-216-841-11	METAL CHIP	47K	5%	1/10W	R3597	1-216-809-11	METAL CHIP	100	5%	1/10W
R3524	1-216-841-11	METAL CHIP	47K	5%	1/10W	R3598	1-216-817-11	METAL CHIP	470	5%	1/10W

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R3599	1-216-809-11	METAL CHIP	100	5%	1/10W	RB3513	1-234-371-21	RES, NETWORK 47 (1005X4)			
R3600	1-216-864-11	SHORT CHIP	0			RB3514	1-234-371-21	RES, NETWORK 47 (1005X4)			
R3602	1-216-864-11	SHORT CHIP	0								
R3603	1-216-864-11	SHORT CHIP	0			RB3515	1-234-371-21	RES, NETWORK 47 (1005X4)			
R3604	1-216-864-11	SHORT CHIP	0			RB3516	1-234-371-21	RES, NETWORK 47 (1005X4)			
R3605	1-216-864-11	SHORT CHIP	0			RB3517	1-234-702-11	RES, NETWORK 68 (1005X4)			
R3606	1-216-805-11	METAL CHIP	47	5%	1/10W	< VIBRATOR >					
R3607	1-216-805-11	METAL CHIP	47	5%	1/10W	X3000	1-795-244-11	VIBRATOR, CERAMIC (10MHz)			
						X3500	1-813-570-21	VIBRATOR, CRYSTAL (28.322MHz)			
R3608	1-216-805-11	METAL CHIP	47	5%	1/10W	*****					
R3609	1-216-805-11	METAL CHIP	47	5%	1/10W	A-1551-994-A	MAIN BOARD, COMPLETE (AEP, ECE, UK) *****				
R3610	1-216-805-11	METAL CHIP	47	5%	1/10W						
R3611	1-216-805-11	METAL CHIP	47	5%	1/10W						
R3612	1-216-805-11	METAL CHIP	47	5%	1/10W						
R3613	1-216-805-11	METAL CHIP	47	5%	1/10W	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3				
R3621	1-216-864-11	SHORT CHIP	0								
R3622	1-216-833-11	METAL CHIP	10K	5%	1/10W	< CAPACITOR >					
R3623	1-216-809-11	METAL CHIP	100	5%	1/10W	C320	1-126-924-11	ELECT	330uF	20%	10V
R3624	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	C323	1-126-924-11	ELECT	330uF	20%	10V
R3625	1-218-843-11	METAL CHIP	680	0.5%	1/10W	C325	1-126-964-11	ELECT	10uF	20%	50V
R3626	1-216-797-11	METAL CHIP	10	5%	1/10W	C350	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
R3627	1-216-797-11	METAL CHIP	10	5%	1/10W	C351	1-112-084-11	ELECT	470uF	20%	16V
R3628	1-216-864-11	SHORT CHIP	0								
R3629	1-216-805-11	METAL CHIP	47	5%	1/10W	C352	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
						C353	1-112-084-11	ELECT	470uF	20%	16V
R3630	1-216-864-11	SHORT CHIP	0			C400	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
R3631	1-216-805-11	METAL CHIP	47	5%	1/10W	C403	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
R3632	1-218-889-11	METAL CHIP	56K	0.5%	1/10W	C405	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
R3633	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W						
R3634	1-216-833-11	METAL CHIP	10K	5%	1/10W	C408	1-126-963-11	ELECT	4.7uF	20%	50V
						C409	1-126-963-11	ELECT	4.7uF	20%	50V
R3635	1-218-883-11	METAL CHIP	33K	0.5%	1/10W	C430	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
R3636	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	C431	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
R3637	1-216-864-11	SHORT CHIP	0			C449	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
R3638	1-216-824-11	METAL CHIP	1.8K	5%	1/10W						
R3639	1-216-824-11	METAL CHIP	1.8K	5%	1/10W	C450	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
						C458	1-126-963-11	ELECT	4.7uF	20%	50V
R3640	1-216-841-11	METAL CHIP	47K	5%	1/10W	C459	1-126-963-11	ELECT	4.7uF	20%	50V
R3641	1-216-864-11	SHORT CHIP	0			C471	1-126-963-11	ELECT	4.7uF	20%	50V
R3644	1-216-821-11	METAL CHIP	1K	5%	1/10W	C487	1-112-089-11	ELECT	47uF	20%	25V
R3645	1-216-821-11	METAL CHIP	1K	5%	1/10W						
R3646	1-216-809-11	METAL CHIP	100	5%	1/10W	C488	1-112-089-11	ELECT	47uF	20%	25V
						C489	1-164-156-11	CERAMIC CHIP	0.1uF		25V
R3647	1-216-833-11	METAL CHIP	10K	5%	1/10W	C499	1-164-156-11	CERAMIC CHIP	0.1uF		25V
R3648	1-216-833-11	METAL CHIP	10K	5%	1/10W	C500	1-164-156-11	CERAMIC CHIP	0.1uF		25V
R3649	1-216-833-11	METAL CHIP	10K	5%	1/10W	C544	1-126-964-11	ELECT	10uF	20%	50V
R3650	1-469-139-21	FERRITE, EMI (SMD) (2012)				C545	1-112-111-11	ELECT	100uF	20%	100V
R3651	1-469-139-21	FERRITE, EMI (SMD) (2012)				C546	1-112-111-11	ELECT	100uF	20%	100V
R3652	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	C551	1-112-100-11	ELECT	10uF	20%	50V
R3653	1-216-821-11	METAL CHIP	1K	5%	1/10W	C552	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
< COMPOSITION CIRCUIT BLOCK >						C553	1-107-597-11	CERAMIC	22PF	5%	500V
RB3500	1-234-371-21	RES, NETWORK 47 (1005X4)				C554	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
RB3501	1-234-370-21	RES, NETWORK 22 (1005X4)				C555	1-107-583-11	CERAMIC	3PF	0.25PF	500V
RB3502	1-234-370-21	RES, NETWORK 22 (1005X4)				C556	1-126-923-91	ELECT	220uF	20%	10V
RB3503	1-234-371-21	RES, NETWORK 47 (1005X4)				C557	1-126-947-11	ELECT	47uF	20%	35V
RB3504	1-234-370-21	RES, NETWORK 22 (1005X4)				C558	1-162-815-11	CERAMIC	47PF	5%	500V
						C559	1-162-815-11	CERAMIC	47PF	5%	500V
RB3505	1-234-370-21	RES, NETWORK 22 (1005X4)				C561	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
RB3506	1-234-371-21	RES, NETWORK 47 (1005X4)				C570	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
RB3507	1-234-370-21	RES, NETWORK 22 (1005X4)				C571	1-126-964-11	ELECT	10uF	20%	50V
RB3508	1-234-370-21	RES, NETWORK 22 (1005X4)				C579	1-136-157-00	FILM	0.022uF	5%	50V
RB3509	1-234-371-21	RES, NETWORK 47 (1005X4)									
						C601	1-112-100-11	ELECT	10uF	20%	50V
RB3510	1-234-371-21	RES, NETWORK 47 (1005X4)				C602	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
RB3511	1-234-371-21	RES, NETWORK 47 (1005X4)				C603	1-107-597-11	CERAMIC	22PF	5%	500V
RB3512	1-234-371-21	RES, NETWORK 47 (1005X4)				C604	1-162-927-11	CERAMIC CHIP	100PF	5%	50V

MAIN

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C605	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C820	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C606	1-126-923-91	ELECT	220uF	20%	10V	C821	1-126-964-11	ELECT	10uF	20%	50V
C607	1-126-947-11	ELECT	47uF	20%	35V	C829	1-136-157-00	FILM	0.022uF	5%	50V
C608	1-162-815-11	CERAMIC	47PF	5%	500V	C844	1-126-964-11	ELECT	10uF	20%	50V
C609	1-162-815-11	CERAMIC	47PF	5%	500V	C851	1-112-100-11	ELECT	10uF	20%	50V
C611	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C852	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C620	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C853	1-107-597-11	CERAMIC	22PF	5%	500V
C621	1-126-964-11	ELECT	10uF	20%	50V	C854	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C629	1-136-157-00	FILM	0.022uF	5%	50V	C855	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C644	1-126-964-11	ELECT	10uF	20%	50V	C856	1-126-923-91	ELECT	220uF	20%	10V
C651	1-112-100-11	ELECT	10uF	20%	50V	C857	1-126-947-11	ELECT	47uF	20%	35V
C652	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C858	1-162-815-11	CERAMIC	47PF	5%	500V
C653	1-107-597-11	CERAMIC	22PF	5%	500V	C859	1-162-815-11	CERAMIC	47PF	5%	500V
C654	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C861	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C655	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C870	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C656	1-126-923-91	ELECT	220uF	20%	10V	C871	1-126-964-11	ELECT	10uF	20%	50V
C657	1-126-947-11	ELECT	47uF	20%	35V	C879	1-136-157-00	FILM	0.022uF	5%	50V
C658	1-162-815-11	CERAMIC	47PF	5%	500V	C904	1-126-936-11	ELECT	3300uF	20%	16V
C659	1-162-815-11	CERAMIC	47PF	5%	500V	C920	1-135-851-21	MYLAR	0.22uF		100V
C661	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C921	1-135-851-21	MYLAR	0.22uF		100V
C670	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C922	1-109-932-15	ELECT (BLOCK)	10000uF	20%	71V
C671	1-126-964-11	ELECT	10uF	20%	50V	C923	1-109-932-15	ELECT (BLOCK)	10000uF	20%	71V
C679	1-136-157-00	FILM	0.022uF	5%	50V	C940	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
C701	1-112-100-11	ELECT	10uF	20%	50V	C941	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
C702	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C3022	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C703	1-107-597-11	CERAMIC	22PF	5%	500V	C3024	1-126-963-11	ELECT	4.7uF	20%	50V
C704	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C3025	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C705	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C3026	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C706	1-126-923-91	ELECT	220uF	20%	10V	C3027	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C707	1-126-947-11	ELECT	47uF	20%	35V	C3032	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C708	1-162-815-11	CERAMIC	47PF	5%	500V	C3034	1-126-963-11	ELECT	4.7uF	20%	50V
C709	1-162-815-11	CERAMIC	47PF	5%	500V	C3037	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C711	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	CC01	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C720	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	CC02	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C721	1-126-964-11	ELECT	10uF	20%	50V	CC03	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C729	1-136-157-00	FILM	0.022uF	5%	50V	CC04	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C744	1-126-964-11	ELECT	10uF	20%	50V	CC05	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C751	1-112-100-11	ELECT	10uF	20%	50V	CC08	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C752	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	CC09	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C753	1-107-597-11	CERAMIC	22PF	5%	500V	CC11	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C754	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	CC12	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C755	1-107-583-11	CERAMIC	3PF	0.25PF	500V	CC13	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C756	1-126-923-91	ELECT	220uF	20%	10V	CC14	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C757	1-126-947-11	ELECT	47uF	20%	35V	CC51	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C758	1-162-815-11	CERAMIC	47PF	5%	500V	CC52	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C759	1-162-815-11	CERAMIC	47PF	5%	500V	CC53	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C761	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	CC54	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C770	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	CC55	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C771	1-126-964-11	ELECT	10uF	20%	50V	CC58	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C779	1-136-157-00	FILM	0.022uF	5%	50V	CC59	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C801	1-112-100-11	ELECT	10uF	20%	50V	< CONNECTOR >					
C802	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	CNP410	1-573-845-11	CONNECTOR, BOARD TO BOARD 13P			
C803	1-107-597-11	CERAMIC	22PF	5%	500V	CNP411	1-573-847-11	CONNECTOR, BOARD TO BOARD 15P			
C804	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	CNP432	1-784-922-11	PIN, CONNECTOR 5P			
C805	1-107-583-11	CERAMIC	3PF	0.25PF	500V	* CNP500	1-564-506-11	PLUG, CONNECTOR 3P			
C806	1-126-923-91	ELECT	220uF	20%	10V	* CNP912	1-564-510-11	PLUG, CONNECTOR 7P			
C807	1-126-947-11	ELECT	47uF	20%	35V	* CNP920	1-564-242-00	PIN, CONNECTOR (3.96mm PITCH) 5P			
C808	1-162-815-11	CERAMIC	47PF	5%	500V	* CNP940	1-564-509-11	PLUG, CONNECTOR 6P			
C809	1-162-815-11	CERAMIC	47PF	5%	500V						
C811	1-162-960-11	CERAMIC CHIP	220PF	10%	50V						

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
< DIODE >				< COIL >			
D301	6-501-817-01	DIODE MA2J1110GLS0		L578	1-420-872-52	COIL, AIR-CORE	
D320	6-501-817-01	DIODE MA2J1110GLS0		L628	1-420-872-52	COIL, AIR-CORE	
D325	6-501-817-01	DIODE MA2J1110GLS0		L678	1-420-872-52	COIL, AIR-CORE	
D326	6-501-817-01	DIODE MA2J1110GLS0		L728	1-420-872-52	COIL, AIR-CORE	
D327	6-501-817-01	DIODE MA2J1110GLS0		L778	1-420-872-52	COIL, AIR-CORE	
D350	6-501-817-01	DIODE MA2J1110GLS0		L828	1-420-872-52	COIL, AIR-CORE	
D352	8-719-053-18	DIODE 1SR154-400TE-25		L878	1-420-872-52	COIL, AIR-CORE	
D355	6-501-817-01	DIODE MA2J1110GLS0		< TRANSISTOR >			
D360	6-501-817-01	DIODE MA2J1110GLS0		Q301	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
D365	6-501-817-01	DIODE MA2J1110GLS0		Q320	8-729-216-31	TRANSISTOR 2SA1163-G	
D370	6-501-817-01	DIODE MA2J1110GLS0		Q321	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
D375	6-501-817-01	DIODE MA2J1110GLS0		Q323	8-729-216-31	TRANSISTOR 2SA1163-G	
D500	6-501-792-01	DIODE MAZ8300GMLS0		Q324	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
D501	6-501-817-01	DIODE MA2J1110GLS0		Q325	8-729-271-31	TRANSISTOR 2SC2713-G	
D561	6-501-817-01	DIODE MA2J1110GLS0		Q350	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
D570	6-501-817-01	DIODE MA2J1110GLS0		Q355	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
D611	6-501-817-01	DIODE MA2J1110GLS0		Q360	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
D620	6-501-817-01	DIODE MA2J1110GLS0		Q365	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
D661	6-501-817-01	DIODE MA2J1110GLS0		Q370	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
D670	6-501-817-01	DIODE MA2J1110GLS0		Q375	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
D711	6-501-817-01	DIODE MA2J1110GLS0		Q500	8-729-281-53	TRANSISTOR 2SC1815-GR	
D720	6-501-817-01	DIODE MA2J1110GLS0		Q501	8-729-027-31	TRANSISTOR DTA124EKA-T146	
D761	6-501-817-01	DIODE MA2J1110GLS0		Q551	8-729-119-76	TRANSISTOR 2SA1175-HFE	
D770	6-501-817-01	DIODE MA2J1110GLS0		Q552	8-729-141-30	TRANSISTOR 2SC3623A-LK	
D811	6-501-817-01	DIODE MA2J1110GLS0		Q561	8-729-216-31	TRANSISTOR 2SA1163-G	
D820	6-501-817-01	DIODE MA2J1110GLS0		Q562	8-729-216-31	TRANSISTOR 2SA1163-G	
D861	6-501-817-01	DIODE MA2J1110GLS0		Q570	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
D870	6-501-817-01	DIODE MA2J1110GLS0		Q601	8-729-119-76	TRANSISTOR 2SA1175-HFE	
D920	6-501-817-01	DIODE MA2J1110GLS0		Q602	8-729-141-30	TRANSISTOR 2SC3623A-LK	
△ D921	8-719-081-52	DIODE D5SBA20-4003		Q611	8-729-216-31	TRANSISTOR 2SA1163-G	
△ D940	8-719-053-18	DIODE 1SR154-400TE-25		Q612	8-729-216-31	TRANSISTOR 2SA1163-G	
△ D941	8-719-053-18	DIODE 1SR154-400TE-25		Q620	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
△ D942	8-719-053-18	DIODE 1SR154-400TE-25		Q651	8-729-119-76	TRANSISTOR 2SA1175-HFE	
△ D943	8-719-053-18	DIODE 1SR154-400TE-25		Q652	8-729-141-30	TRANSISTOR 2SC3623A-LK	
< IC >				Q661	8-729-216-31	TRANSISTOR 2SA1163-G	
△ IC350	8-759-071-48	IC TA7807S		Q662	8-729-216-31	TRANSISTOR 2SA1163-G	
△ IC352	8-759-373-94	IC TA79007SB		Q670	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
IC400	6-711-760-01	IC BD3471KS2		Q701	8-729-119-76	TRANSISTOR 2SA1175-HFE	
IC500	6-700-943-01	IC uPC2581V-S		Q702	8-729-141-30	TRANSISTOR 2SC3623A-LK	
IC565	8-759-710-97	IC NJM4565M-D		Q711	8-729-216-31	TRANSISTOR 2SA1163-G	
IC600	6-700-943-01	IC uPC2581V-S		Q712	8-729-216-31	TRANSISTOR 2SA1163-G	
IC700	6-700-943-01	IC uPC2581V-S		Q720	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
IC800	6-700-943-01	IC uPC2581V-S		Q751	8-729-119-76	TRANSISTOR 2SA1175-HFE	
IC3002	8-759-710-97	IC NJM4565M-D		Q752	8-729-141-30	TRANSISTOR 2SC3623A-LK	
< JACK >				Q761	8-729-216-31	TRANSISTOR 2SA1163-G	
J401	1-774-411-11	JACK, PIN 6P (SA-CD/CD/CD-R IN/OUT, TV IN)		Q762	8-729-216-31	TRANSISTOR 2SA1163-G	
J403	1-794-981-11	JACK, PIN 4P (SAT/DVD AUDIO IN)		Q770	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
J404	1-794-981-11	JACK, PIN 4P (VIDEO 1 AUDIO IN/OUT)		Q801	8-729-119-76	TRANSISTOR 2SA1175-HFE	
J405	1-774-785-11	JACK, PIN 1P (SUB WOOFER AUDIO OUT)		Q802	8-729-141-30	TRANSISTOR 2SC3623A-LK	
< JUMPER RESISTOR >				Q811	8-729-216-31	TRANSISTOR 2SA1163-G	
JR321	1-216-864-11	SHORT CHIP 0		Q812	8-729-216-31	TRANSISTOR 2SA1163-G	
JR322	1-216-864-11	SHORT CHIP 0		Q820	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
JR323	1-216-864-11	SHORT CHIP 0		Q851	8-729-119-76	TRANSISTOR 2SA1175-HFE	
JR434	1-216-864-11	SHORT CHIP 0		Q852	8-729-141-30	TRANSISTOR 2SC3623A-LK	
JR435	1-216-864-11	SHORT CHIP 0		Q861	8-729-216-31	TRANSISTOR 2SA1163-G	
JR702	1-216-864-11	SHORT CHIP 0		Q862	8-729-216-31	TRANSISTOR 2SA1163-G	
				Q870	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	

STR-DG820

MAIN

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
Q920	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			△ R487	1-249-385-91	CARBON	2.2	5%	1/4W F
		< RESISTOR >				△ R488	1-249-385-91	CARBON	2.2	5%	1/4W F
						R501	1-216-833-11	METAL CHIP	10K	5%	1/10W
R301	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R502	1-216-853-11	METAL CHIP	470K	5%	1/10W
△ R302	1-249-405-91	CARBON	100	5%	1/4W F	R503	1-216-833-11	METAL CHIP	10K	5%	1/10W
△ R303	1-249-405-91	CARBON	100	5%	1/4W F	R504	1-216-833-11	METAL CHIP	10K	5%	1/10W
R304	1-216-841-11	METAL CHIP	47K	5%	1/10W	R505	1-216-833-11	METAL CHIP	10K	5%	1/10W
R320	1-218-292-11	METAL CHIP	20K	5%	1/10W	R506	1-216-841-11	METAL CHIP	47K	5%	1/10W
R323	1-216-840-11	METAL CHIP	39K	5%	1/10W	R507	1-216-849-11	METAL CHIP	220K	5%	1/10W
R325	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	△ R511	1-215-890-51	METAL OXIDE	470	5%	2W F
R326	1-216-840-11	METAL CHIP	39K	5%	1/10W	△ R545	1-215-857-51	METAL OXIDE	10	5%	1W F
R327	1-216-833-11	METAL CHIP	10K	5%	1/10W	△ R546	1-215-857-51	METAL OXIDE	10	5%	1W F
R328	1-216-821-11	METAL CHIP	1K	5%	1/10W	R549	1-260-105-11	CARBON	3.3K	5%	1/2W
R350	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R550	1-260-105-11	CARBON	3.3K	5%	1/2W
△ R351	1-249-399-91	CARBON	33	5%	1/4W F	R551	1-216-821-11	METAL CHIP	1K	5%	1/10W
△ R352	1-249-401-91	CARBON	47	5%	1/4W F	R552	1-216-843-11	METAL CHIP	68K	5%	1/10W
R353	1-216-841-11	METAL CHIP	47K	5%	1/10W	R553	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R355	1-216-821-11	METAL CHIP	1K	5%	1/10W	R554	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
△ R356	1-249-399-91	CARBON	33	5%	1/4W F	R555	1-216-230-00	RES-CHIP	22K	2%	1/8W
△ R357	1-249-401-91	CARBON	47	5%	1/4W F	R556	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R358	1-216-841-11	METAL CHIP	47K	5%	1/10W	R557	1-216-844-11	METAL CHIP	82K	5%	1/10W
R360	1-216-821-11	METAL CHIP	1K	5%	1/10W	R558	1-216-818-11	METAL CHIP	560	5%	1/10W
△ R361	1-249-399-91	CARBON	33	5%	1/4W F	△ R559	1-249-405-91	CARBON	100	5%	1/4W F
△ R362	1-249-401-91	CARBON	47	5%	1/4W F	△ R560	1-249-405-91	CARBON	100	5%	1/4W F
R363	1-216-841-11	METAL CHIP	47K	5%	1/10W	R561	1-216-214-00	RES-CHIP	4.7K	2%	1/8W
R365	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	△ R562	1-240-855-91	CARBON	6.2K	5%	1/4W F
△ R366	1-249-399-91	CARBON	33	5%	1/4W F	△ R563	1-234-182-11	ENCAPSULATED COMPONENT	0.22	5W	F
△ R367	1-249-401-91	CARBON	47	5%	1/4W F	R564	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R368	1-216-841-11	METAL CHIP	47K	5%	1/10W	R565	1-216-835-11	METAL CHIP	15K	5%	1/10W
R370	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R566	1-216-843-11	METAL CHIP	68K	5%	1/10W
△ R371	1-249-399-91	CARBON	33	5%	1/4W F	R570	1-216-837-11	METAL CHIP	22K	5%	1/10W
△ R372	1-249-401-91	CARBON	47	5%	1/4W F	R571	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R373	1-216-841-11	METAL CHIP	47K	5%	1/10W	R572	1-216-835-11	METAL CHIP	15K	5%	1/10W
R375	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R573	1-216-841-11	METAL CHIP	47K	5%	1/10W
△ R376	1-249-399-91	CARBON	33	5%	1/4W F	R574	1-216-837-11	METAL CHIP	22K	5%	1/10W
△ R377	1-249-401-91	CARBON	47	5%	1/4W F	△ R578	1-249-389-91	CARBON	4.7	5%	1/4W F
R378	1-216-841-11	METAL CHIP	47K	5%	1/10W	△ R579	1-249-393-91	CARBON	10	5%	1/4W F
△ R392	1-215-891-51	METAL OXIDE	680	5%	2W F	R580	1-216-841-11	METAL CHIP	47K	5%	1/10W
△ R393	1-215-891-51	METAL OXIDE	680	5%	2W F	R599	1-260-105-11	CARBON	3.3K	5%	1/2W
R401	1-216-821-11	METAL CHIP	1K	5%	1/10W	R600	1-260-105-11	CARBON	3.3K	5%	1/2W
R402	1-216-821-11	METAL CHIP	1K	5%	1/10W	R601	1-216-821-11	METAL CHIP	1K	5%	1/10W
R403	1-216-821-11	METAL CHIP	1K	5%	1/10W	R602	1-216-843-11	METAL CHIP	68K	5%	1/10W
R404	1-216-821-11	METAL CHIP	1K	5%	1/10W	R603	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R405	1-216-821-11	METAL CHIP	1K	5%	1/10W	R604	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
R408	1-216-821-11	METAL CHIP	1K	5%	1/10W	R605	1-216-230-00	RES-CHIP	22K	2%	1/8W
R409	1-216-821-11	METAL CHIP	1K	5%	1/10W	R606	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R430	1-216-821-11	METAL CHIP	1K	5%	1/10W	R607	1-216-844-11	METAL CHIP	82K	5%	1/10W
R431	1-216-821-11	METAL CHIP	1K	5%	1/10W	R608	1-216-818-11	METAL CHIP	560	5%	1/10W
R449	1-216-821-11	METAL CHIP	1K	5%	1/10W	△ R609	1-249-405-91	CARBON	100	5%	1/4W F
R450	1-216-821-11	METAL CHIP	1K	5%	1/10W	△ R610	1-249-405-91	CARBON	100	5%	1/4W F
R451	1-216-821-11	METAL CHIP	1K	5%	1/10W	R611	1-216-214-00	RES-CHIP	4.7K	2%	1/8W
R452	1-216-821-11	METAL CHIP	1K	5%	1/10W	△ R612	1-240-855-91	CARBON	6.2K	5%	1/4W F
R453	1-216-821-11	METAL CHIP	1K	5%	1/10W	△ R613	1-234-182-11	ENCAPSULATED COMPONENT	0.22	5W	F
R454	1-216-821-11	METAL CHIP	1K	5%	1/10W	R614	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R455	1-216-821-11	METAL CHIP	1K	5%	1/10W	R615	1-216-835-11	METAL CHIP	15K	5%	1/10W
R458	1-216-821-11	METAL CHIP	1K	5%	1/10W	R616	1-216-843-11	METAL CHIP	68K	5%	1/10W
R459	1-216-821-11	METAL CHIP	1K	5%	1/10W	R620	1-216-837-11	METAL CHIP	22K	5%	1/10W
R466	1-216-821-11	METAL CHIP	1K	5%	1/10W	R621	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R467	1-216-845-11	METAL CHIP	100K	5%	1/10W	R622	1-216-835-11	METAL CHIP	15K	5%	1/10W
R470	1-216-841-11	METAL CHIP	47K	5%	1/10W	R623	1-216-841-11	METAL CHIP	47K	5%	1/10W

Ref. No.	Part No.	Description			Remark		Ref. No.	Part No.	Description			Remark
R624	1-216-837-11	METAL CHIP	22K	5%	1/10W		R754	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
△ R628	1-249-389-91	CARBON	4.7	5%	1/4W	F	R756	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
△ R629	1-249-393-91	CARBON	10	5%	1/4W	F	R757	1-216-844-11	METAL CHIP	82K	5%	1/10W
R630	1-216-841-11	METAL CHIP	47K	5%	1/10W		R758	1-216-818-11	METAL CHIP	560	5%	1/10W
R649	1-260-105-11	CARBON	3.3K	5%	1/2W		△ R759	1-249-405-91	CARBON	100	5%	1/4W F
R650	1-260-105-11	CARBON	3.3K	5%	1/2W		△ R760	1-249-405-91	CARBON	100	5%	1/4W F
R651	1-216-821-11	METAL CHIP	1K	5%	1/10W		R761	1-216-214-00	RES-CHIP	4.7K	2%	1/8W
R652	1-216-843-11	METAL CHIP	68K	5%	1/10W		△ R762	1-240-855-91	CARBON	6.2K	5%	1/4W F
R653	1-208-445-41	RES-CHIP	2.2K	2%	1/10W		△ R763	1-234-182-11	ENCAPSULATED COMPONENT	0.22	5W	F
R654	1-208-826-11	METAL CHIP	68K	0.5%	1/10W		R764	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R656	1-216-825-11	METAL CHIP	2.2K	5%	1/10W		R765	1-216-835-11	METAL CHIP	15K	5%	1/10W
R657	1-216-844-11	METAL CHIP	82K	5%	1/10W		R766	1-216-843-11	METAL CHIP	68K	5%	1/10W
R658	1-216-818-11	METAL CHIP	560	5%	1/10W		R770	1-216-837-11	METAL CHIP	22K	5%	1/10W
△ R659	1-249-405-91	CARBON	100	5%	1/4W	F	R771	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
△ R660	1-249-405-91	CARBON	100	5%	1/4W	F	R772	1-216-835-11	METAL CHIP	15K	5%	1/10W
R661	1-216-214-00	RES-CHIP	4.7K	2%	1/8W		R773	1-216-841-11	METAL CHIP	47K	5%	1/10W
△ R662	1-240-855-91	CARBON	6.2K	5%	1/4W	F	R774	1-216-837-11	METAL CHIP	22K	5%	1/10W
△ R663	1-234-182-11	ENCAPSULATED COMPONENT	0.22	5W	F		△ R778	1-249-389-91	CARBON	4.7	5%	1/4W F
R664	1-216-823-11	METAL CHIP	1.5K	5%	1/10W		△ R779	1-249-393-91	CARBON	10	5%	1/4W F
R665	1-216-835-11	METAL CHIP	15K	5%	1/10W		R780	1-216-841-11	METAL CHIP	47K	5%	1/10W
R666	1-216-843-11	METAL CHIP	68K	5%	1/10W		R799	1-260-105-11	CARBON	3.3K	5%	1/2W
R670	1-216-837-11	METAL CHIP	22K	5%	1/10W		R800	1-260-105-11	CARBON	3.3K	5%	1/2W
R671	1-216-829-11	METAL CHIP	4.7K	5%	1/10W		R801	1-216-821-11	METAL CHIP	1K	5%	1/10W
R672	1-216-835-11	METAL CHIP	15K	5%	1/10W		R802	1-216-843-11	METAL CHIP	68K	5%	1/10W
R673	1-216-841-11	METAL CHIP	47K	5%	1/10W		R803	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R674	1-216-837-11	METAL CHIP	22K	5%	1/10W		R804	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
△ R678	1-249-389-91	CARBON	4.7	5%	1/4W	F	R805	1-216-230-00	RES-CHIP	22K	2%	1/8W
△ R679	1-249-393-91	CARBON	10	5%	1/4W	F	R806	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R680	1-216-841-11	METAL CHIP	47K	5%	1/10W		R807	1-216-844-11	METAL CHIP	82K	5%	1/10W
R699	1-260-105-11	CARBON	3.3K	5%	1/2W		R808	1-216-818-11	METAL CHIP	560	5%	1/10W
R700	1-260-105-11	CARBON	3.3K	5%	1/2W		△ R809	1-249-405-91	CARBON	100	5%	1/4W F
R701	1-216-821-11	METAL CHIP	1K	5%	1/10W		△ R810	1-249-405-91	CARBON	100	5%	1/4W F
R702	1-216-843-11	METAL CHIP	68K	5%	1/10W		R811	1-216-214-00	RES-CHIP	4.7K	2%	1/8W
R703	1-208-445-41	RES-CHIP	2.2K	2%	1/10W		△ R812	1-240-855-91	CARBON	6.2K	5%	1/4W F
R704	1-208-826-11	METAL CHIP	68K	0.5%	1/10W		△ R813	1-234-182-11	ENCAPSULATED COMPONENT	0.22	5W	F
R705	1-216-230-00	RES-CHIP	22K	2%	1/8W		R814	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R706	1-216-825-11	METAL CHIP	2.2K	5%	1/10W		R815	1-216-835-11	METAL CHIP	15K	5%	1/10W
R707	1-216-844-11	METAL CHIP	82K	5%	1/10W		R816	1-216-843-11	METAL CHIP	68K	5%	1/10W
R708	1-216-818-11	METAL CHIP	560	5%	1/10W		R820	1-216-837-11	METAL CHIP	22K	5%	1/10W
△ R709	1-249-405-91	CARBON	100	5%	1/4W	F	R821	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
△ R710	1-249-405-91	CARBON	100	5%	1/4W	F	R822	1-216-835-11	METAL CHIP	15K	5%	1/10W
R711	1-216-214-00	RES-CHIP	4.7K	2%	1/8W		R823	1-216-841-11	METAL CHIP	47K	5%	1/10W
△ R712	1-240-855-91	CARBON	6.2K	5%	1/4W	F	R824	1-216-837-11	METAL CHIP	22K	5%	1/10W
△ R713	1-234-182-11	ENCAPSULATED COMPONENT	0.22	5W	F		△ R828	1-249-389-91	CARBON	4.7	5%	1/4W F
R714	1-216-823-11	METAL CHIP	1.5K	5%	1/10W		△ R829	1-249-393-91	CARBON	10	5%	1/4W F
R715	1-216-835-11	METAL CHIP	15K	5%	1/10W		R830	1-216-841-11	METAL CHIP	47K	5%	1/10W
R716	1-216-843-11	METAL CHIP	68K	5%	1/10W		R849	1-260-105-11	CARBON	3.3K	5%	1/2W
R720	1-216-837-11	METAL CHIP	22K	5%	1/10W		R850	1-260-105-11	CARBON	3.3K	5%	1/2W
R721	1-216-829-11	METAL CHIP	4.7K	5%	1/10W		R851	1-216-821-11	METAL CHIP	1K	5%	1/10W
R722	1-216-835-11	METAL CHIP	15K	5%	1/10W		R852	1-216-843-11	METAL CHIP	68K	5%	1/10W
R723	1-216-841-11	METAL CHIP	47K	5%	1/10W		R853	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R724	1-216-837-11	METAL CHIP	22K	5%	1/10W		R854	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
△ R728	1-249-389-91	CARBON	4.7	5%	1/4W	F	R856	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
△ R729	1-249-393-91	CARBON	10	5%	1/4W	F	R857	1-216-844-11	METAL CHIP	82K	5%	1/10W
R730	1-216-841-11	METAL CHIP	47K	5%	1/10W		R858	1-216-818-11	METAL CHIP	560	5%	1/10W
R749	1-260-105-11	CARBON	3.3K	5%	1/2W		△ R859	1-249-405-91	CARBON	100	5%	1/4W F
R750	1-260-105-11	CARBON	3.3K	5%	1/2W		△ R860	1-249-405-91	CARBON	100	5%	1/4W F
R751	1-216-821-11	METAL CHIP	1K	5%	1/10W		R861	1-216-214-00	RES-CHIP	4.7K	2%	1/8W
R752	1-216-843-11	METAL CHIP	68K	5%	1/10W		△ R862	1-240-855-91	CARBON	6.2K	5%	1/4W F
R753	1-208-445-41	RES-CHIP	2.2K	2%	1/10W		△ R863	1-234-182-11	ENCAPSULATED COMPONENT	0.22	5W	F

Ref. No.	Part No.	Description			Remark
R864	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R865	1-216-835-11	METAL CHIP	15K	5%	1/10W
R866	1-216-843-11	METAL CHIP	68K	5%	1/10W
R870	1-216-837-11	METAL CHIP	22K	5%	1/10W
R871	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R872	1-216-835-11	METAL CHIP	15K	5%	1/10W
R873	1-216-841-11	METAL CHIP	47K	5%	1/10W
R874	1-216-837-11	METAL CHIP	22K	5%	1/10W
△ R878	1-249-389-91	CARBON	4.7	5%	1/4W F
△ R879	1-249-393-91	CARBON	10	5%	1/4W F
R880	1-216-841-11	METAL CHIP	47K	5%	1/10W
△ R920	1-249-399-91	CARBON	33	5%	1/4W F
R921	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
△ R922	1-249-401-91	CARBON	47	5%	1/4W F
R923	1-216-841-11	METAL CHIP	47K	5%	1/10W
△ R940	1-240-877-91	FUSIBLE	0.15	5%	1/2W F
R3010	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3011	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R3012	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R3013	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3020	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3021	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R3022	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R3023	1-216-841-11	METAL CHIP	47K	5%	1/10W
△ RR11	1-249-393-91	CARBON	10	5%	1/4W F
△ RR12	1-249-393-91	CARBON	10	5%	1/4W F
△ RR13	1-249-393-91	CARBON	10	5%	1/4W F
△ RR14	1-249-393-91	CARBON	10	5%	1/4W F
< RELAY >					
RY301	1-755-267-11	RELAY			
RY350	1-755-170-11	RELAY			
RY355	1-755-170-11	RELAY			
RY360	1-755-170-11	RELAY			
RY365	1-755-170-11	RELAY			
RY370	1-755-170-11	RELAY			
RY375	1-755-170-11	RELAY			
RY920	1-755-593-11	RELAY			
< TERMINAL BOARD >					
TB601	1-780-215-11	TERMINAL BOARD (SP) (4P)			
		(SPEAKERS FRONT A)			
TB603	1-694-785-11	TERMINAL BOARD (SPEAKERS FRONT B)			

A-1551-996-A	VIDEO BOARD, COMPLETE (AEP, ECE, UK)				

< CAPACITOR >					
C201	1-100-385-91	CERAMIC CHIP	0.47uF		25V
C202	1-100-385-91	CERAMIC CHIP	0.47uF		25V
C203	1-126-947-11	ELECT	47uF	20%	35V
C204	1-126-947-11	ELECT	47uF	20%	35V
C211	1-126-964-11	ELECT	10uF	20%	50V
C212	1-126-964-11	ELECT	10uF	20%	50V
C213	1-126-964-11	ELECT	10uF	20%	50V
C215	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C217	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C221	1-126-964-11	ELECT	10uF	20%	50V
C222	1-126-964-11	ELECT	10uF	20%	50V
C223	1-126-964-11	ELECT	10uF	20%	50V

Ref. No.	Part No.	Description	Remark		
C224	1-126-964-11	ELECT	10uF	20%	50V
C225	1-126-964-11	ELECT	10uF	20%	50V
C226	1-126-964-11	ELECT	10uF	20%	50V
C227	1-126-964-11	ELECT	10uF	20%	50V
C228	1-126-964-11	ELECT	10uF	20%	50V
C229	1-126-964-11	ELECT	10uF	20%	50V
C232	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C233	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C240	1-126-964-11	ELECT	10uF	20%	50V
C242	1-126-964-11	ELECT	10uF	20%	50V
< CONNECTOR >					
* CNP203	1-564-507-11	PLUG, CONNECTOR 4P			
CNP240	1-564-705-11	PIN, CONNECTOR (SMALL TYPE) 3P			
* CNP242	1-564-506-11	PLUG, CONNECTOR 3P			
CNS271	1-779-275-11	CONNECTOR, FFC (LIF (NON-ZIF)) 7P			
< DIODE >					
D210	6-501-817-01	DIODE MA2J1110GLS0			
D211	6-501-817-01	DIODE MA2J1110GLS0			
< IC >					
△ IC201	8-759-231-53	IC TA7805S			
△ IC202	8-759-373-92	IC TA79005SB			
IC210	6-704-199-01	IC NJM2595M-TE2			
IC220	6-706-767-01	IC NJM2586AM			
< JACK >					
J210	1-815-043-11	JACK, PIN 2P			
		(MONITOR VIDEO OUT, VIDEO 1 DVD IN)			
J211	1-794-978-11	JACK, PIN 3P (VIDEO 1 VIDEO OUT,			
		DVD VIDEO IN, SAT VIDEO IN)			
J220	1-816-592-11	JACK, PIN 9P (COMPONENT VIDEO DVD IN/			
		VIDEO 1 IN/MONITOR OUT)			
J221	1-821-278-12	JACK 3P (COMPONENT VIDEO SAT IN)			
< RESISTOR >					
R211	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R212	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R213	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R214	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R215	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R221	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R222	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R223	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R224	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R225	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R226	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R227	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R228	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R229	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R240	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R242	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R276	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R277	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R278	1-211-990-11	METAL CHIP	75	0.5%	1/10W

MEMO

REVISION HISTORY

Checking the version allows you to jump to the revised page.

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

[illegible]