

STR-DH700

SERVICE MANUAL

Ver. 1.0 2009.02

US Model
Canadian Model
AEP Model
UK Model



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

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** 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; 7,003,467; 7,212,872 & other U.S. and worldwide patents issued & pending. DTS, DTS Digital Surround, ES, and Neo:6 are registered trademarks and the DTS logos, Symbol and DTS 96/24 are trademarks of DTS, Inc. © 1996-2008 DTS, Inc. All Rights Reserved.

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(Models of area code US only)

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SPECIFICATIONS

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION: (Models of area code US only)

With 8 ohm loads, both channels driven, from 20 – 20,000 Hz; rated 95 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 US, CND¹⁾

Minimum RMS Output Power (8 ohms, 20 Hz – 20 kHz, THD 0.09%)
95 W + 95 W

Stereo Mode Output Power (8 ohms, 1 kHz, THD 1%)
105 W + 105 W

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

Models of area code AEP, UK³⁾

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 1%)
100 W + 100 W

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

¹⁾ Measured under the following conditions:

Area code	Power requirements
US, CND	120 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.

³⁾ Measured under the following conditions:

Area code	Power requirements
AEP, UK	230 V AC, 50 Hz
Frequency response	
Analog	10 Hz – 70 kHz +0.5/-2 dB (with sound field and equalizer bypassed)
Inputs	
Analog	Sensitivity: 500 mV/ 50 kohms S/N ⁴⁾ : 96 dB (A, 500 mV ⁵⁾)
Digital (Coaxial)	Impedance: 75 ohms S/N: 100 dB (A, 20 kHz LPF)
Digital (Optical)	S/N: 100 dB (A, 20 kHz LPF)
Outputs (Analog)	
AUDIO OUT	Voltage: 500 mV/ 10 kohms
SUBWOOFER	Voltage: 2 V/1 kohm
Equalizer	
Gain levels	±6 dB, 1 dB step

⁴⁾ INPUT SHORT (with sound field and equalizer bypassed).

⁵⁾ Weighted network, input level.

MULTI CHANNEL AV RECEIVER

SONY®

9-890-512-01
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Sony Corporation
Audio & Video Business Group
Published by Sony EMCS (Malaysia) PG Tec

STR-DH700

FM tuner section

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

AM tuner section

Tuning range		
Area code	Tuning scale	
	10 kHz step	9 kHz step
US, CND	530 –	531 –
	1,710 kHz	1,710 kHz
AEP, UK	–	531 –
		1,602 kHz
Antenna		
Loop antenna		
Intermediate frequency		
450 kHz		

Video section

Inputs/Outputs	
Video:	1 Vp-p/75 ohms
COMPONENT VIDEO:	
Y: 1 Vp-p/75 ohms	
P _B /C _B : 0.7 Vp-p/75 ohms	
P _R /C _R : 0.7 Vp-p/75 ohms	
80 MHz HD Pass Through	

General

Power requirements	
Area code	Power requirements
US, CND	120 V AC, 60 Hz
AEP, UK	230 V AC, 50/60 Hz
Power output (DIGITAL MEDIA PORT)	
DC OUT:	5 V, 0.7 A MAX
Power requirements	
Area code	Power requirements
US, CND	240 W
AEP, UK	240 W
Power consumption (during standby mode)	
0.3 W (when “CONTROL FOR HDMI” in HDMI-menu is set to “CTRL OFF” and “STANDBY” in S-AIR menu is set to “STBY OFF”)	
Dimensions (w/h/d) (Approx.)	
17 × 6 1/4 × 12 3/4 inches (430 × 157.5 × 322 mm)	
including projecting parts and controls	
Mass (Approx.)	
17 lb 11 oz (8.0 kg) (US, CND)	
8.0 kg (AEP, UK)	

Supplied accessories

- Operating instructions (this manual)
- Quick Setup Guide (1)
- FM wire antenna (aerial) (1)
- AM loop antenna (aerial) (1)
- RM-AAU021 Remote Commander (1)
- R6 (size-AA) batteries (2)
- Optimizer microphone (ECM-AC2 or ECM-AC2a) (1)

Design and specifications are subject to change without notice.

- Abbreviation
- CND : Canadian model

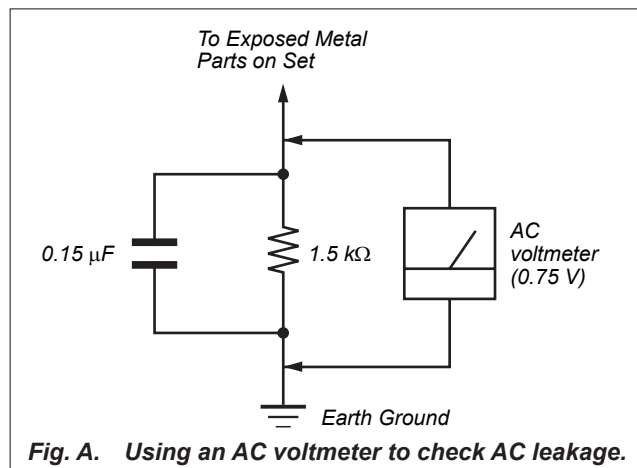
SAFETY CHECK-OUT (US MODEL)

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.

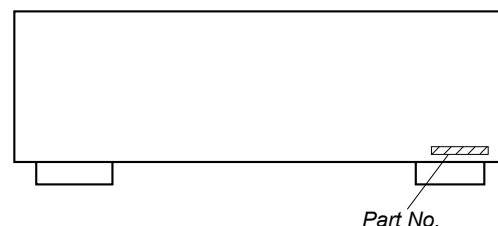
LEAKAGE TEST

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.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. 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)

**SAFETY-RELATED COMPONENT WARNING!**

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

MODEL IDENTIFICATION**–BACK PANEL–**

Model	Part No.
US	4-125-746-0□
Canadian	4-125-746-1□
AEP, UK	4-125-746-2□

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.

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)

LF : 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.

Special Component Notice

The components identified by mark \triangle contain confidential information.

Strictly follow the instructions whenever the components are repaired and/or replaced.

Notice pour composants spéciaux

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.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE \triangle SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

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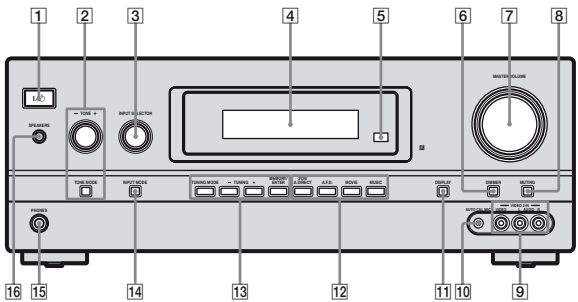
SECTION 1
GENERAL

This section is extracted
from instruction manual.

- US, Canadian model

Description and location of parts

Front panel



Name	Function
1 U/C (on/standby)	Press to turn the receiver on or off (page 29, 38, 39, 61, 63).
2 TONE +/- TONE MODE	Adjust the bass and treble for the front channels. Press TONE MODE repeatedly to select BASS or TREBLE, then turn TONE +/- to adjust the level (page 41).
3 INPUT SELECTOR	Turn to select the input source to play back (page 36, 37, 38, 39, 61, 62, 64, 65, 68, 88, 92, 93, 94).
4 Display	The current status of the selected component or a list of selectable items appears here (page 9).
5 Remote sensor	Receives signals from remote commander.

Name	Function
6 DIMMER	Press repeatedly to adjust the brightness of the display.
7 MASTER VOLUME	Turn to adjust the volume level of all speakers at the same time (page 35, 36, 38, 39).
8 MUTING	Press to turn off the sound temporarily. Press MUTING again to restore the sound (page 36).
9 VIDEO 2 IN jacks	Connects to a portable audio/video component such as a camcorder or video game (page 27, 36).
10 AUTO CAL MIC jack	Connects to the supplied optimizer microphone for the Auto Calibration function (page 31).

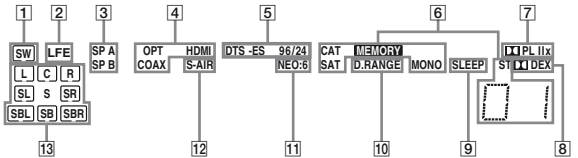
Name	Function
11 DISPLAY	Press to select information displayed on the display (page 92).
12 2CH/ A.DIRECT A.F.D. MOVIE MUSIC	Press to select a sound field (page 56, 58).
13 TUNING MODE TUNING +/- MEMORY/ ENTER	Press to operate a tuner (FM/AM) and satellite radio (SIRIUS) (page 62, 68).
14 INPUT MODE	Press to select the input mode when the same components are connected to both digital and analog jacks (page 88).
15 PHONES jack	Connects to headphones (page 101).
16 SPEAKERS	Press to select the front speaker system (page 30).

continued

7 US

8 US

About the indicators on the display



Name	Function
1 SW	Lights up when subwoofer selection is set to "YES" (page 51) and the audio signal is output from the SUBWOOFER jack.
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 SP A/SP 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.

Name	Function
4 Input indicators	Light up to indicate the current input.
OPT	Lights up when INPUT MODE is set to "AUTO" and the source signal is a digital signal being input through the OPTICAL jack or when INPUT MODE is set to "OPT". However, "NO INPUT" appears on the display when INPUT MODE is set to "OPT" and no digital signal is input through the OPTICAL jack (page 88).
COAX	Lights up when INPUT MODE is set to "AUTO" and the source signal is a digital signal being input through the COAXIAL jack or when INPUT MODE is set to "COAX". However, "NO INPUT" appears on the display when INPUT MODE is set to "COAX" and no digital signal is input through the COAXIAL jack (page 88).
HDMI	Lights up when the receiver recognizes a component connected via an HDMI IN jacks (page 23).









Name	Function
5 DTS(-ES) indicators	Light up when DTS or DTS-ES signals are input.
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 96/24 (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 not set to "ANALOG" (page 88).
6 Tuning indicators	Lights up when the receiver tunes in radio stations, or satellite radio stations.
CAT	Lights up when the category mode is set to "ONE CAT" during the satellite radio operation.
SAT	Lights up when the SiriusConnect Home tuner is connected and "SIRIUS" is selected.
MEMORY	Lights up when a memory function, such as Preset Memory (page 65), etc., is activated.
MONO ST	Monaural broadcast Stereo broadcast A preset station number appears when the preset radio station is selected. Note The preset station number will change according to the preset station you select. For details on presetting radio stations, see page 64.

Name	Function
7 Dolby Pro Logic indicators	Lights up one of the respective indicators when the receiver applies Dolby Pro Logic processing to 2 channel signals in order to output the center and surround channel signals.
<input checked="" type="checkbox"/> PL <input checked="" type="checkbox"/> PLII <input checked="" type="checkbox"/> PLIIX	Dolby Pro Logic Dolby Pro Logic II Dolby Pro Logic IIX Notes • These indicators do not light up if both the center and surround speakers are set to "NO" (page 43) and you select a sound field using the A.F.D. button. • Dolby Pro Logic IIX decoding does not function for DTS format signals or for signals with a sampling frequency of more than 48 kHz.
8 Dolby Digital Surround indicators	Lights up one of the respective indicators when the receiver is decoding the corresponding Dolby Digital format signals.
<input checked="" type="checkbox"/> D <input checked="" type="checkbox"/> DEX	Dolby Digital Dolby Digital Surround EX Note When playing a Dolby Digital format disc, be sure that you have made digital connections and that INPUT MODE is not set to "ANALOG" (page 88).
9 SLEEP	Lights up when the sleep timer is activated.
10 D.RANGE	Lights up when dynamic range compression is activated (page 41).
11 NEO:6	Lights up when DTS Neo:6 Cinema/Music decoder is activated (page 57).
12 S-AIR	Lights up when the S-AIR transmitter (not supplied) is connected.

continued

9 US

10 US

Name	Function
 a)b)	Press to start playback of the VCR, CD player, DVD player, or Blu-ray disc player.
 b)	Press to pause playback or recording of the VCR, CD player, DVD player or Blu-ray disc player. (Also starts recording with components in recording standby.)
 b)	Press to stop playback of the VCR, CD player, DVD player or Blu-ray disc player.
TV CH +/-	Press TV CH +/- and TV (13) at the same time to select preset TV channels.
CATEGORY +/-	Press to select a category for SIRIUS Satellite Radio (page 69).
PRESET +/-	Press to select – preset stations. – preset channels of the VCR or satellite tuner.
TUNING +/-	Press to scan a station.
CATEGORY MODE	Press to select the category mode for satellite tuner (page 69).
FM MODE	Press to select the FM monaural or stereo reception.
13 TV	Press TV and the button with orange printing at the same time to enable TV operation.
14 MENU/HOME	Press to display the menu of the VCR, DVD player, satellite tuner or Blu-ray disc player on the TV screen. Press MENU/HOME and TV (13) at the same time to display the TV's menu. Then, use  ,  ,  ,  and  to perform menu operations.

Name	Function
15 RETURN/ EXIT ➔	<p>Press to</p> <ul style="list-style-type: none"> – return to the previous menu – exit the menu while the menu or on-screen guide of the VCR, DVD player, satellite tuner or Blu-ray disc player is displayed on the TV screen. <p>Press RETURN/EXIT ➔ and TV (13) at the same time to return to the previous menu or exit the TV's menu while the menu is displayed on the TV screen.</p>
16 ⊕ ⏮ ⏪ ⏩ ⏭	<p>After pressing DVD/BD MENU (6), AMP MENU (8), or MENU/HOME (14), press ⊕, ⏮, ⏪, ⏩ or ⏭ to select the settings. Then, press ⊕ to enter the selection if you have pressed DVD/BD MENU or MENU/HOME previously. Press ⊕ also to enter the selection of the receiver, VCR, satellite tuner, CD player, DVD player or Blu-ray disc player.</p>
17 DISPLAY	<p>Press to select information displayed on the TV screen of the VCR, satellite tuner, CD player, DVD player or Blu-ray disc player.</p> <p>Press DISPLAY and TV (13) at the same time to display TV's information on the TV screen.</p>
18 TOOLS/ OPTIONS	<p>Press to display and select the options of the DVD player or Blu-ray disc player.</p> <p>Press TOOLS/OPTIONS and TV (13) at the same time to display the options applicable to the Sony TV.</p>

continued

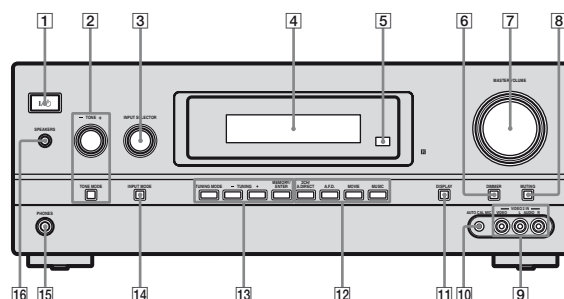
15^{US}

Name	Function
12 <u>2CH/</u> <u>A.DIRECT</u> <u>A.F.D.</u> <u>MOVIE</u> <u>MUSIC</u>	Press to select a sound field (page 55, 57).
13 <u>TUNING</u> <u>MODE</u> <u>TUNING +/-</u> <u>MEMORY/</u> <u>ENTER</u>	Press to operate a tuner (FM/AM) (page 61).
14 <u>INPUT MODE</u>	Press to select the input mode when the same components are connected to both digital and analog jacks (page 80).
15 <u>PHONES jack</u>	Connects to headphones (page 93).
16 <u>SPEAKERS</u>	Press to select the front speaker system (page 29).

- **AEP, UK model**

Description and location of parts

Front panel

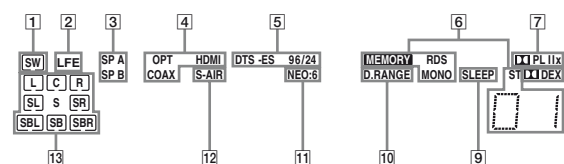


Name	Function
1 I/O (on/standby)	Press to turn the receiver on or off (page 28, 37, 38, 60, 62).
2 tone +/- tone mode	Adjust the bass and treble from the front channels. Press tone mode repeatedly to select BASS or TREBLE , then turn tone +/- to adjust the level (page 40).
3 input selector	Turn to select the input source to play back (page 35, 36, 37, 38, 60, 61, 63, 64, 80, 84, 85, 86).
4 Display	The current status of the selected component or a list of selectable items appears here (page 8).
5 Remote sensor	Receives signals from remote commander.
6 DIMMER	Press repeatedly to adjust the brightness of the display.

Name	Function
7 MASTER VOLUME	Turn to adjust the volume level of all speakers at the same time (page 34, 35, 37, 38).
8 MUTING	Press to turn off the sound temporarily. Press MUTING again to restore the sound (page 35).
9 VIDEO 2 IN jacks	Connects to a portable audio video component such as a camcorder or video game (page 26, 35).
10 AUTO CAL MIC jack	Connects to the supplied optional microphone for the Auto Calibration function (page 30).
11 DISPLAY	Press to select information displayed on the display (page 84).

6^{GS}

About the indicators on the display



Name	Function
1 SW	Lights up when subwoofer selection is set to "YES" (page 50) and the audio signal is output from the SUBWOOFER jack.
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 SP A/SP 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.

Name	Function
4) Input indicators	Light up to indicate the current input.
OPT	Lights up when INPUT MODE is set to "AUTO" and the source signal is a digital signal being input through the OPTICAL jack or when INPUT MODE is set to "OPT". However, "NO INPUT" appears on the display when INPUT MODE is set to "OPT" and no digital signal is input through the OPTICAL jack (page 80).
COAX	Lights up when INPUT MODE is set to "AUTO" and the source signal is a digital signal being input through the COAXIAL jack or when INPUT MODE is set to "COAX". However, "NO INPUT" appears on the display when INPUT MODE is set to "COAX" and no digital signal is input through the COAXIAL jack (page 80).
HDMI	Lights up when the receiver recognizes a component connected via an HDMI IN jacks (page 22).

Name	Function
5 DTS(-ES) indicators	Light up when DTS or DTS-ES signals are input.
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 96/24 (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 not set to "ANALOG" (page 80).
6 Tuning indicators	Lights up when the receiver tunes in radio stations.
MEMORY	Lights up when a memory function, such as Preset Memory (page 63), etc., is activated.
RDS	Lights up when a station that provides RDS services is tuned in. Note "RDS" appears for models of area code CEL, CEK only. Monaural broadcast Stereo broadcast A preset station number appears when the preset radio station is selected. Note The preset station number will change according to the preset station you select. For details on presetting radio stations, see page 63.
MONO ST	

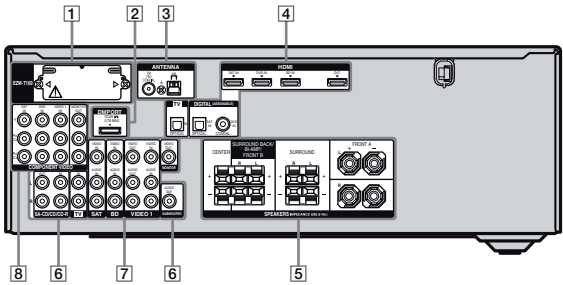
Name	Function
7 Dolby Pro Logic indicators	Lights up one of the respective indicators when the receiver applies Dolby Pro Logic processing to 2 channel signals in order to output the center and surround channel signals. □ PL □ PLII □ PLIIx Dolby Pro Logic Dolby Pro Logic II Dolby Pro Logic IIx Note • These indicators do not light up if both the center and surround speakers are set to "NO" (page 42) and you select a sound field using the A.F.D. button. • Dolby Pro Logic IIx decoding does not function for DTS format signals or for signals with a sampling frequency of more than 48 kHz.
8 Dolby Digital Surround indicators	Lights up one of the respective indicators when the receiver is decoding the corresponding Dolby Digital format signals. □ D □ DEX Dolby Digital Dolby Digital Surround EX Note When playing a Dolby Digital format disc, be sure that you have made digital connections and that INPUT MODE is not set to "ANALOG" (page 80).
9 SLEEP	Lights up when the sleep timer is activated.
10 D.RANGE	Lights up when dynamic range compression is activated (page 40).
11 NEO:6	Lights up when DTS Neo:6 Cinema/Music decoder is activated (page 56).
12 S-AIR	Lights up when the S-AIR transmitter (not supplied) is connected.

Name	Function
13 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). L R C SL SR S SBL SBR SB SW L C R SL SR

continued 9GB

10GB

Rear panel



1 S-AIR (EZW-T100)	With slot cover CAUTION Please do not remove the slot cover until you want to install the wireless transmitter. slot Connects to a wireless transmitter (not supplied) (page 73).
2 DMPORT	DMPORT jack Connects to a DIGITAL MEDIA PORT adapter (page 83).
3 ANTENNA section	FM ANTENNA jack Connects to the supplied FM wire antenna (aerial) (page 27). AM ANTENNA terminals Connects to the supplied AM loop antenna (aerial) (page 27).

4 DIGITAL INPUT/OUTPUT section	OPTICAL IN jacks Connects to a DVD player, etc. The COAXIAL IN jack provides a better sound quality (page 24, 25). COAXIAL IN jack HDMI IN/OUT* jacks Connects to a DVD player, satellite tuner, or a Blu-ray disc player. The image is output to a TV or projector while the sound can be output from a TV or/and speakers connected to this receiver (page 22).
5 SPEAKERS section	 Connects to the speakers (page 17).

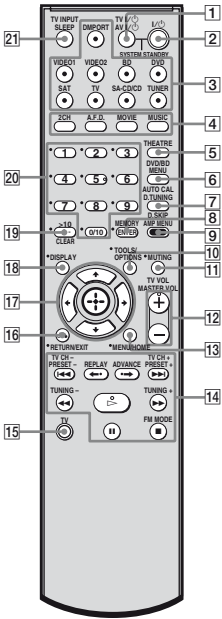
continued 11GB

6 AUDIO INPUT/OUTPUT section	White (L) AUDIO IN/OUT jacks Connects to a Super Audio CD player, CD recorder, etc. (page 20). Red (R) AUDIO IN/OUT jacks Connects to a subwoofer (page 17). Black AUDIO OUT jack Yellow VIDEO IN/OUT* jacks
7 VIDEO/AUDIO INPUT/OUTPUT section	White (L) AUDIO IN/OUT jacks Connects to a VCR, Blu-ray disc player, etc. (page 19–26). Red (R) AUDIO IN/OUT jacks Yellow VIDEO IN/OUT* jacks
8 COMPONENT VIDEO INPUT/OUTPUT section	Green (Y) Y, Pb/Cb, Pb/Cr IN/OUT* jacks Connects to a DVD player, TV, satellite tuner, etc. You can enjoy high quality image (page 19–26). Blue (Pb/Ca) IN/OUT* jacks Red (Pr/Cr) IN/OUT* jacks

* You can watch the selected input image when you connect the MONITOR OUT or HDMI OUT jack to a TV or projector (page 19).

Remote commander

You can use the supplied RM-AAU023 Remote Commander to operate the receiver and to control the Sony audio/video components that the remote is assigned to operate (page 88).



12GB

Name	Function
1 TV I/⏻ (on/standby)	Press TV I/⏻ and TV (15) at the same time to turn the TV on or off.
AV I/⏻ (on/standby)	Press to turn on or off the Sony audio/video components that the remote is assigned to operate (page 88). If you press I/⏻ (2) at the same time, it will turn off the receiver and other Sony components (SYSTEM STANDBY). Note The function of the AV I/⏻ switch changes automatically each time you press the input buttons (3).
2 I/⏻ (on/standby)	Press to turn the receiver on or off. To turn off all Sony components, press I/⏻ and AV I/⏻ (1) at the same time (SYSTEM STANDBY).
3 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. You can change the button assignments following the steps in "Changing button assignments" on page 88.
4 2CH A.F.D. MOVIE MUSIC	Press to select a sound field.
5 THEATRE	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 Theatre Mode. Refer to the operating instructions supplied with the TV for details.

Name	Function
6 DVD/BD MENU	Press to display the menu of the DVD or Blu-ray disc on the TV screen. Then, use ⬆, ⬇, ⬆, ⬇ and (17) to perform menu operations.
AUTO CAL	Press to activate the Auto Calibration function.
7 D.TUNING	Press to enter direct tuning mode.
D.SKIP	Press to skip a disc when using a multi-disc changer.
8 ENTER	Press to enter the value after selecting a channel, disc or track using the numeric buttons of the TV, VCR or satellite tuner.
MEMORY	Press to store a station.
9 AMP MENU	Press to display the menu of the receiver. Then, use ⬆, ⬇, ⬆, ⬇ and (17) to perform menu operations.
10 TOOLS/ OPTIONS	Press to display and select the options of the DVD player or Blu-ray disc player. Press TOOLS/OPTIONS and TV (15) at the same time to display the options applicable to the Sony TV.
11 MUTING	Press to turn off the sound temporarily. Press MUTING again to restore the sound. Press MUTING and TV (15) at the same time to activate the TV's muting function.
12 TV VOL + ^{a)} /–	Press TV VOL +/– and TV (15) at the same time to adjust the volume level of the TV.
MASTER VOL +^{a)}/–	Press to adjust the volume level of all speakers at the same time.

Name	Function
13 MENU/HOME	Press to display the menu of the VCR, DVD player, satellite tuner or Blu-ray disc player on the TV screen. Press MENU/HOME and TV (15) at the same time to display the TV's menu. Then, use ⬆, ⬇, ⬆, ⬇ and (17) to perform menu operations.
14 ⏮⏭⏪⏩ ^{b)}	Press to skip a track of the CD player, DVD player or Blu-ray disc player.
REPLAY ⏮/ ADVANCE ⏭	Press to replay the previous scene or fast forward the current scene of the VCR, DVD player or Blu-ray disc player.
⏮⏭⏪⏩ ^{b)}	Press to – search tracks in the forward/ reverse direction of the DVD player. – start fast forward/rewind of the VCR, CD player or Blu-ray disc player.
▷a)b)	Press to start playback of the VCR, CD player, DVD player or Blu-ray disc player.
II ^{b)}	Press to pause playback or recording of the VCR, CD player, DVD player or Blu-ray disc player. (Also starts recording with components in recording standby.)
■ ^{b)}	Press to stop playback of the VCR, CD player, DVD player or Blu-ray disc player.
TV CH +/–	Press TV CH +/– and TV (15) at the same time to select preset TV channels.
PRESET +/–	Press to select – preset stations. – preset channels of the VCR or satellite tuner.
TUNING +/–	Press to scan a station.
FM MODE	Press to select the FM monaural or stereo reception.

Name	Function
15 TV	Press TV and the button with orange printing at the same time to enable TV operation.
16 RETURN/ EXIT ⏮	Press to – return to the previous menu. – exit the menu while the menu or on-screen guide of the VCR, DVD player, satellite tuner or Blu-ray disc player is displayed on the TV screen. Press RETURN/EXIT ⏮ and TV (15) at the same time to return to the previous menu or exit the TV's menu while the menu is displayed on the TV screen.
17 +, ⬆, ⬇, ⬆, ⬇	After pressing DVD/BD MENU (6), AMP MENU (9), or MENU/HOME (13), press ⬆, ⬇, ⬆, ⬇ or + to select the settings. Then, press (17) to enter the selection if you have pressed DVD/BD MENU or MENU/HOME previously. Press (17) also to enter the selection of the receiver, VCR, satellite tuner, CD player, DVD player or Blu-ray disc player.
18 DISPLAY	Press to select information displayed on the TV screen of the VCR, satellite tuner, CD player, DVD player or Blu-ray disc player. Press DISPLAY and TV (15) at the same time to display TV's information on the TV screen.
19 –/--	Press to select the channel entry mode, either one or two digits of the VCR. Press –/-- and TV (15) at the same time to select the channel entry mode, either one or two digits of the TV.
>10	Press to select the track numbers over 10 of the CD player.
CLEAR	Press to clear a mistake when you press the incorrect numeric button.

continued

13^{GB}14^{GB}

Name	Function
20 Numeric buttons (number 5 ^{a)})	Press to – preset/tune to preset stations. – select track numbers of the CD player, DVD player or Blu-ray disc player. Press 0/10 to select track number 10. – select channel numbers of the VCR or satellite tuner. Press the numeric buttons and TV (15) at the same time to select the TV channels.
21 TV INPUT	Press TV INPUT and TV (15) at the same time to select the input signal (TV input or video input).
SLEEP	Press to activate the Sleep Timer function and the duration which the receiver turns off automatically.

^{a)}The number 5, TV VOL +, MASTER VOL + and ▷ buttons have tactile dots. Use the tactile dots as references when operating the receiver.

^{b)}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.

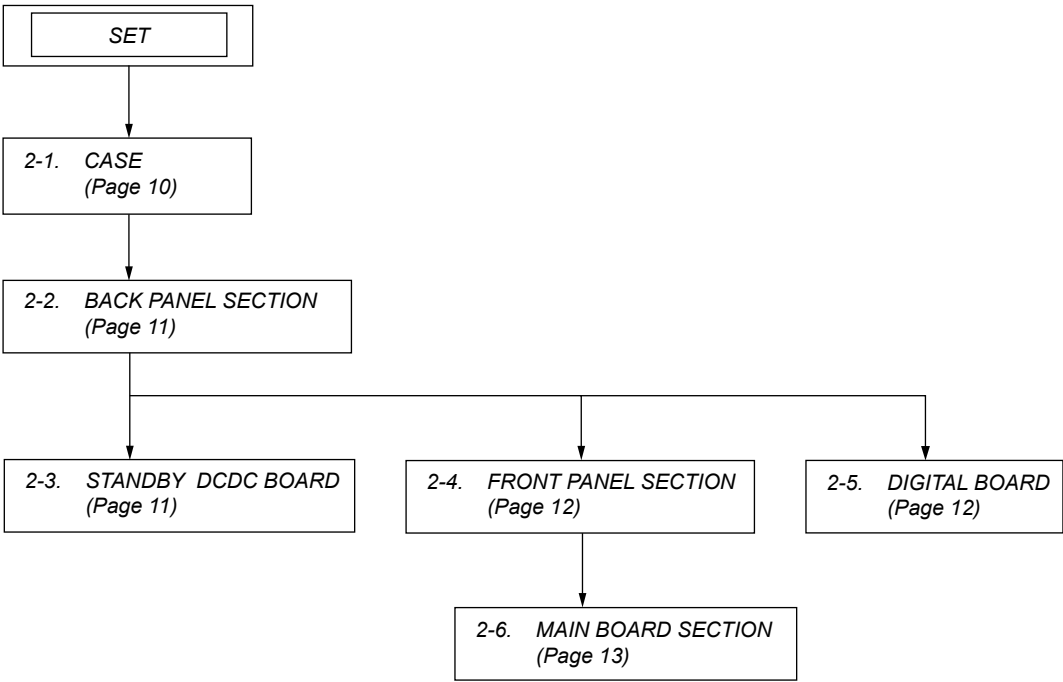
Notes

- 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.

15^{GB}

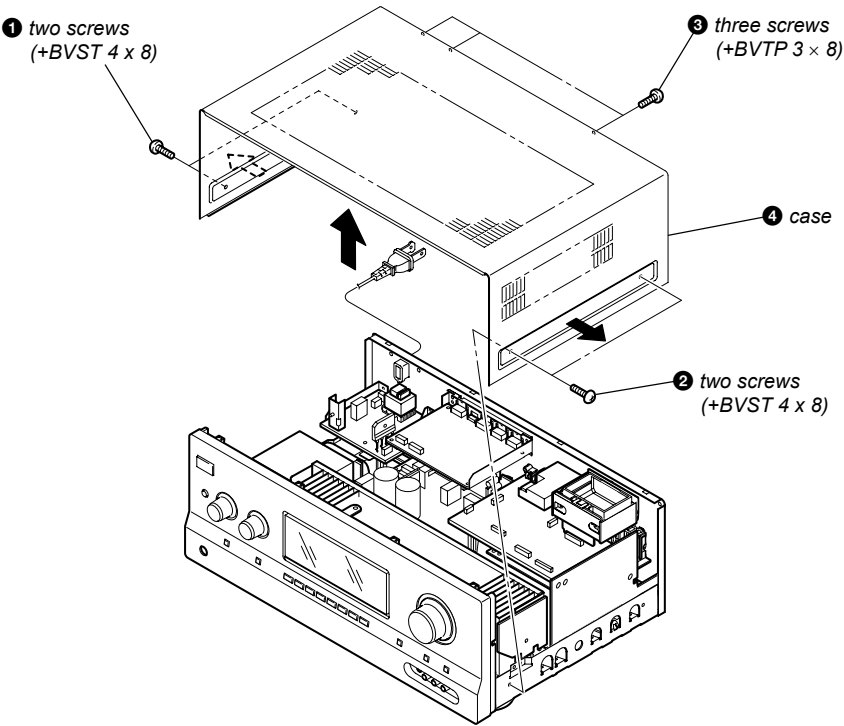
SECTION 2
DISASSEMBLY

Note: This set can be disassemble according to the following sequence.

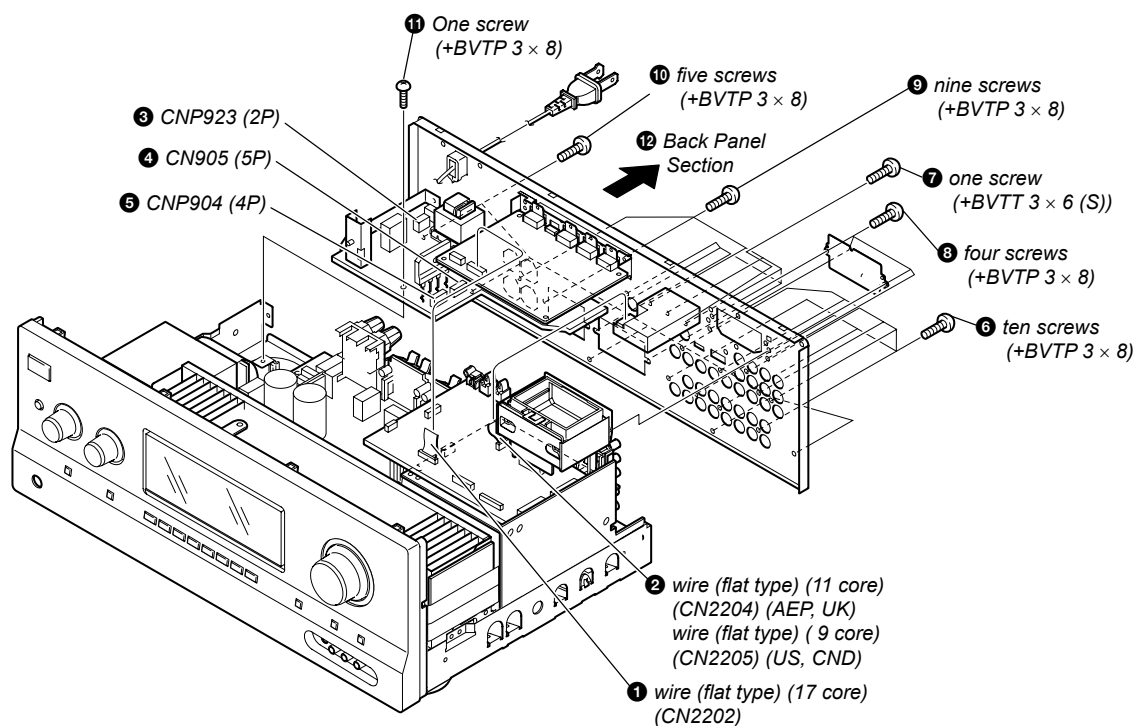


Note: Follow the disassembly procedure in the numerical order given.

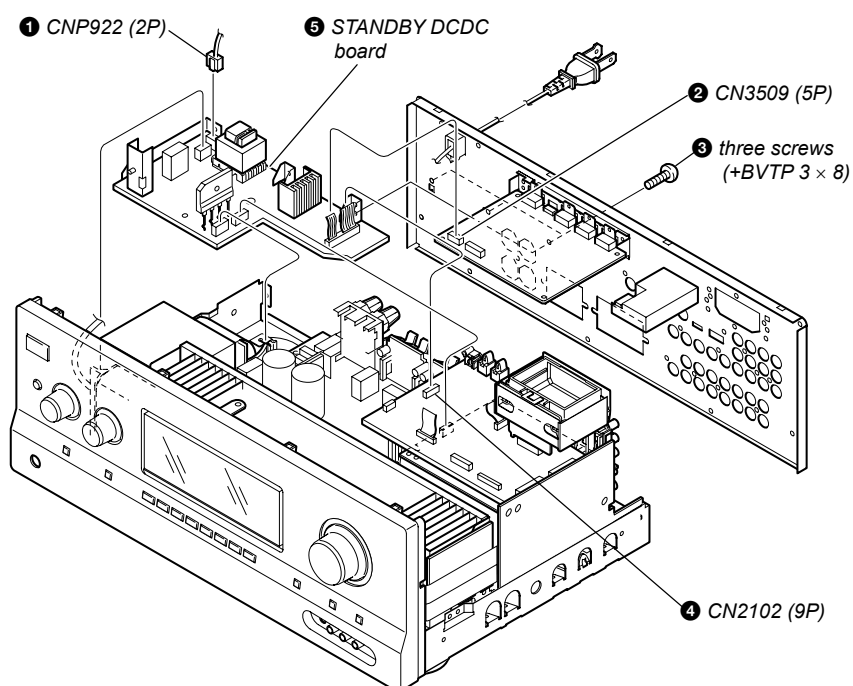
2-1. CASE



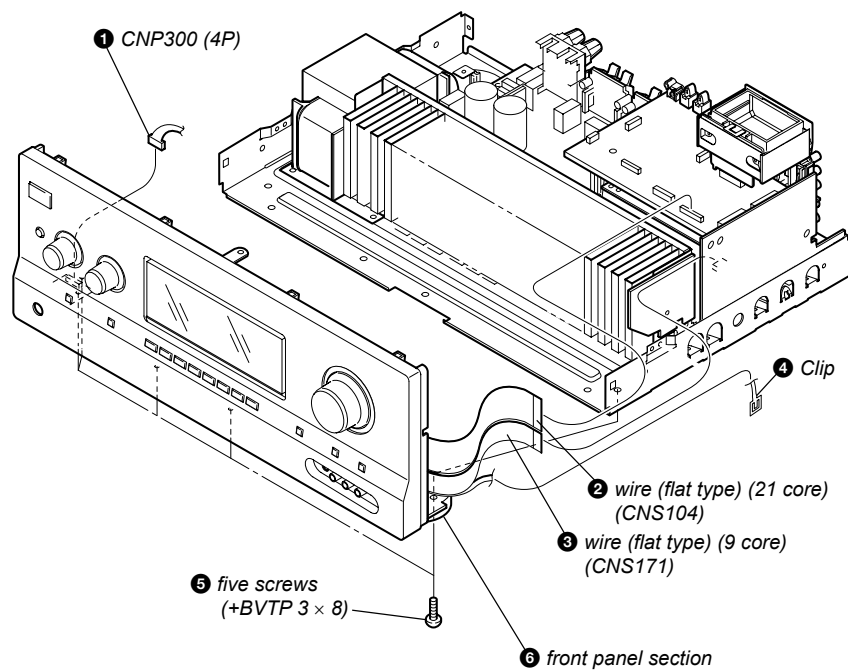
2-2. BACK PANEL SECTION



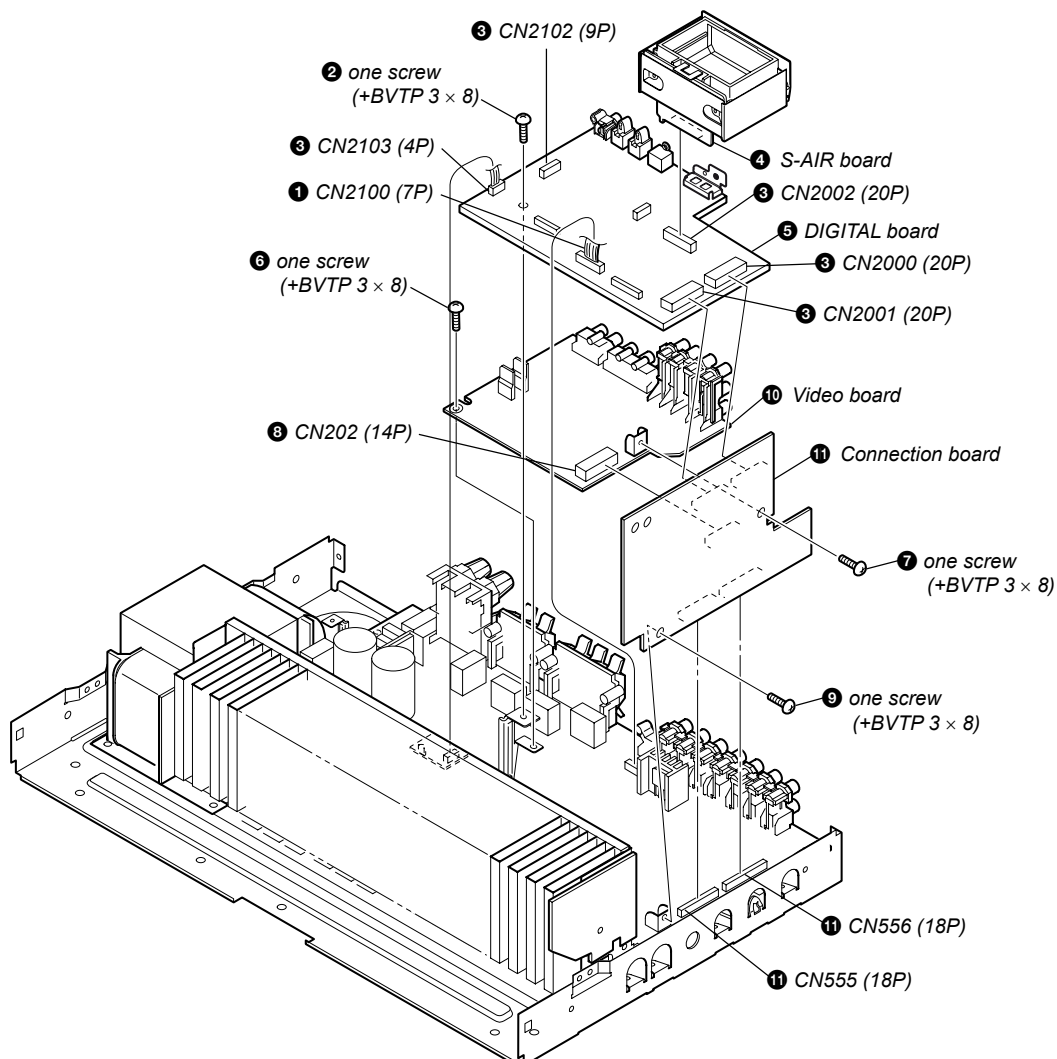
2-3. STANDBY DCDC BOARD



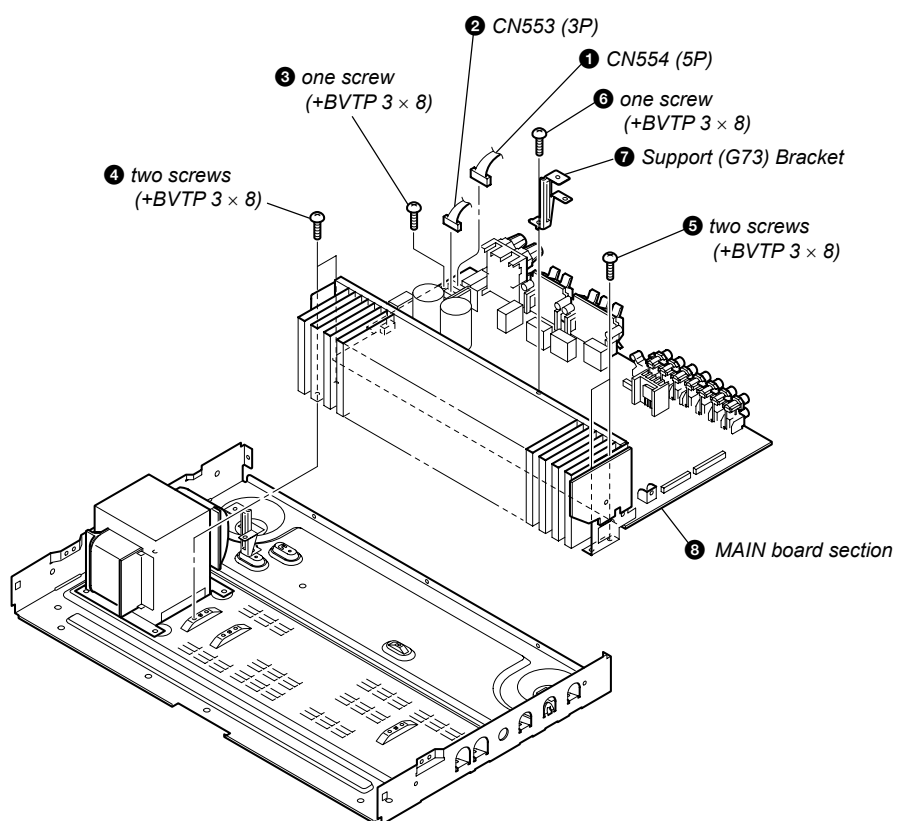
2-4. FRONT PANEL SECTION



2-5. DIGITAL BOARD, VIDEO BOARD, CONNECTOR BOARD



2-6. MAIN BOARD SECTION



HISTORY MODE

The state that the set is used is memorized.

Procedure:

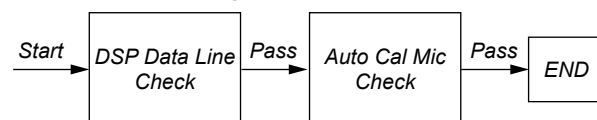
1. While pressing the [TUNING MODE] and [2CH/A.DIRECT] buttons, press the [I/⏻] button to turn on the power and “HISTORY” is displayed.
2. Each time the [↓] [↑] key of remote commander is pressed, the item is switched in order as follows.

Items	Display
Protector count	COUNT XX
Total single power on time	SxxxHxxM
Sound field	SND FLD
Input function	FUNCTION
Input mode	INP MODE
Digital select	DIGI IN
Stream information	STREAM
Signal configuration	CO xxxxx
Headphones	HP xxx
Volume	VOL xxx
Bass	BASS xxx
Treble	TREB xxx
Level FL/FR	F xxx
Level CT	CT xxx
Level SL	SL xxx
Level SR	SR xxx
Level SBL	BL xxx
Level SBR	BR xxx
Level SW	SW xxx
Total power on time	TxxxHxxM
Muting	MUTE xxx
Power on counter (Rebox test mode)	P.W. xxxxx
Protector Type	PRT xxxx
Temperature when protect	TEM xxxC

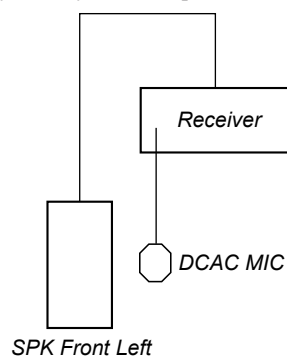
DCAC FACTORY TEST MODE

DCAC Factory Test mode have two stages:

1. DCAC DSP Data Line Checking
2. DCAC board Checking



Factory Test System Setup



1. When power off:
Press the three buttons [MEMORY/ENTER] + [MOVIE] + [I/⏻].
“DCAC□FTM” appears.
Afterward, press the [DISPLAY] to start DCAC factory test mode.

1. DCAC DSP Data Line Checking

After press the [DISPLAY], DCAC Factory test mode will start, below display will show:

“DCAC□□□x” x=1, 2, 3, 4

If there is error happen, below display will show:

“ERR□SD0x” x=1 → D1501 or R1530 problem
x=2 → D1502 problem
x=3 → D1503 problem
x=4 → D1504 problem

2. DCAC board Checking

Connect front left speaker of the receiver and AUTO CAL microphone. Turn [MASTER VOLUME] jog, there will be test tone sound output from front left speaker, and the display will change accordingly.

“AD□-□xxx” xxx=0 to 255 (depends on loudness of test tone)

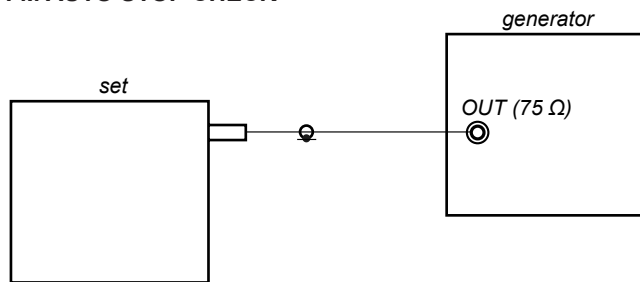
Note:

When the value reaches more than 222, the test tone will muted (for production line checking). Thus, the AD value will drop to 0. To check the AD value again, power off the receiver and re-enter the test mode.

SECTION 4

FM TUNER CHECK

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 : 35 dBu (EMF)

Note:

Please use 75 ohm “coaxial cable” to connect SG and the set. You cannot use video cable for checking.

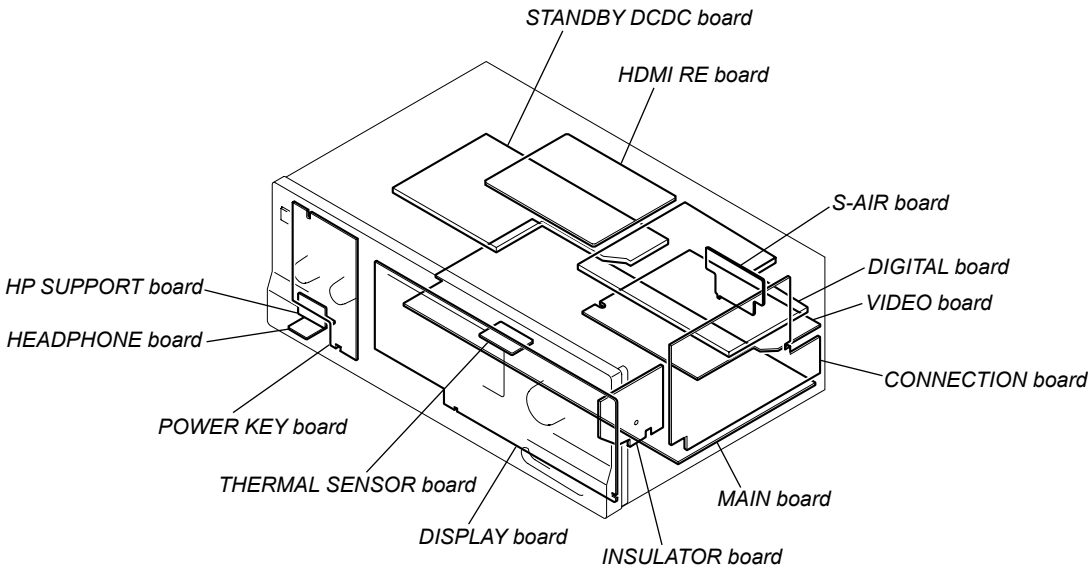
Please use SG whose output impedance is 75 ohm.

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

The stop of automatic scanning means “The station signal is received in good condition.”

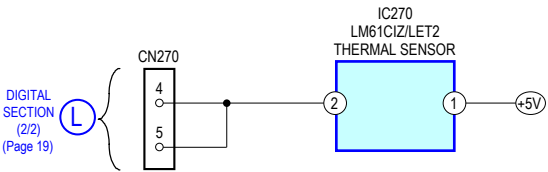
SECTION 5
DIAGRAMS

• Circuit Boards Location

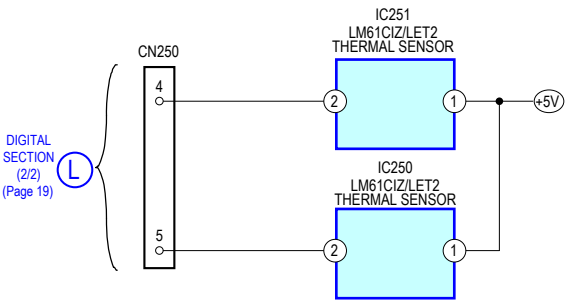


5-1. BLOCK DIAGRAM — THERMAL SENSOR/S-AIR CONNECTION SECTION —

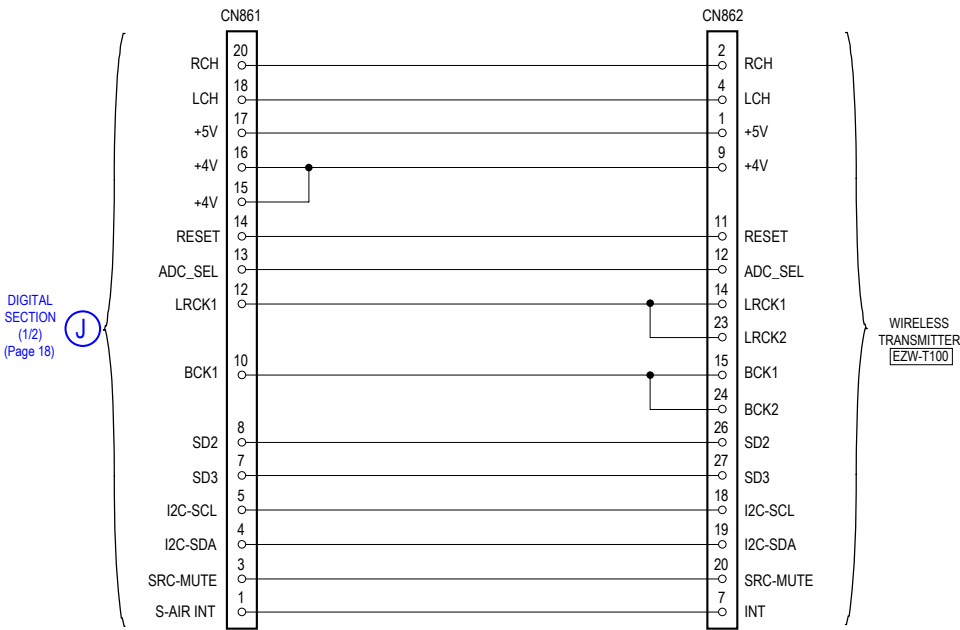
BLOCK DIAGRAM - THERMAL SENSOR Section - US Model



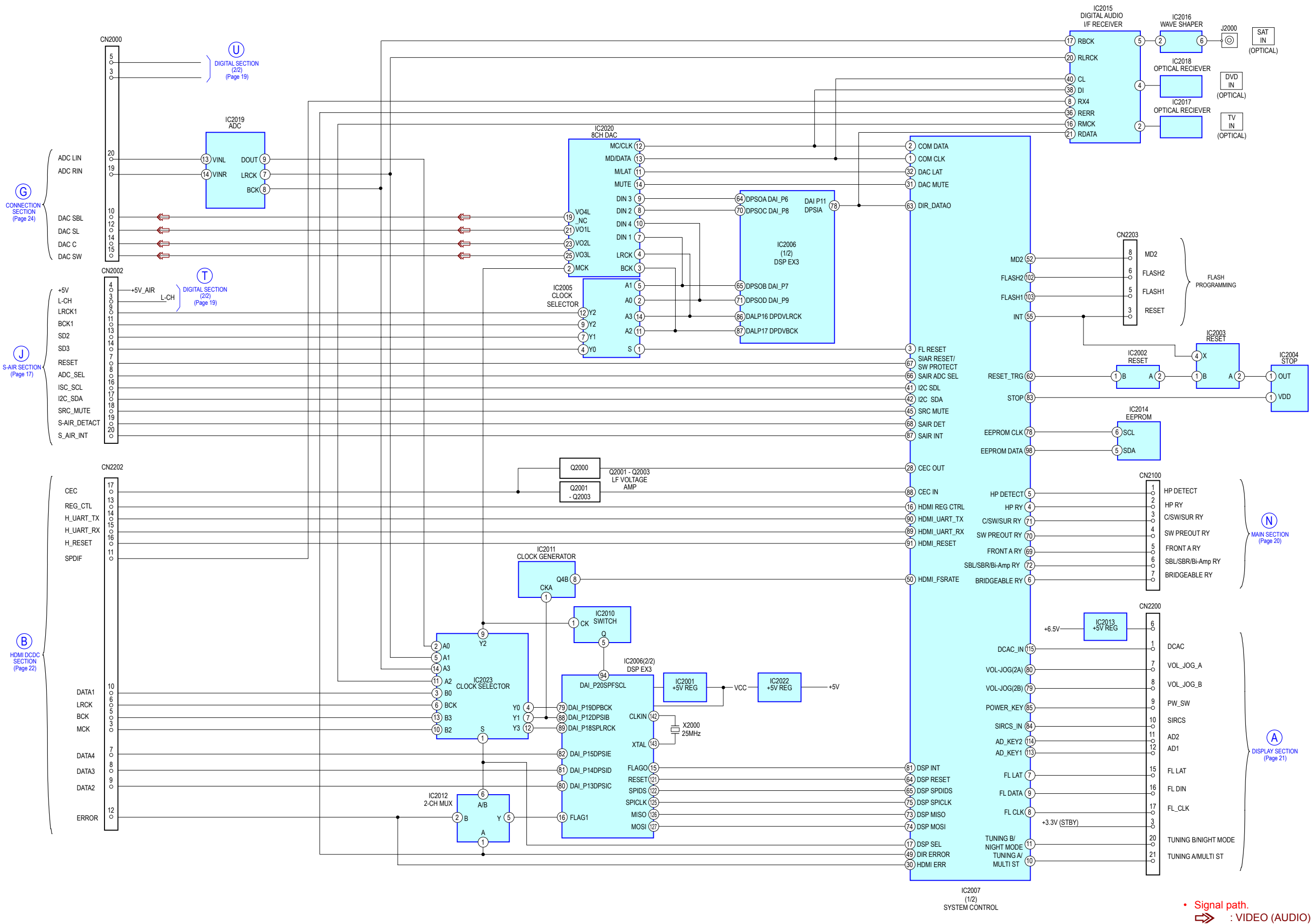
BLOCK DIAGRAM - THERMAL SENSOR Section - Except US Model



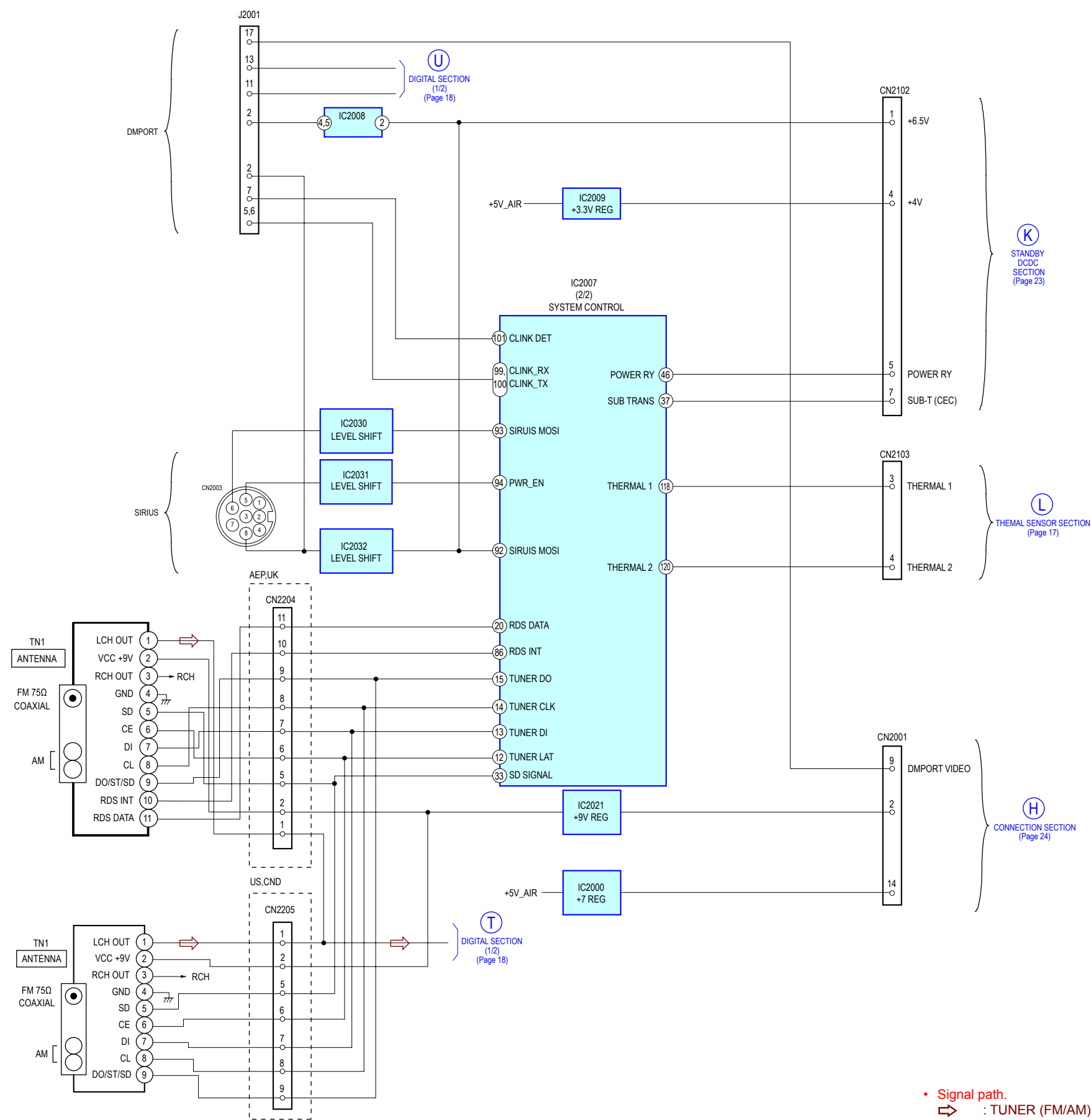
BLOCK DIAGRAM - S-Air CONNECTION Section -



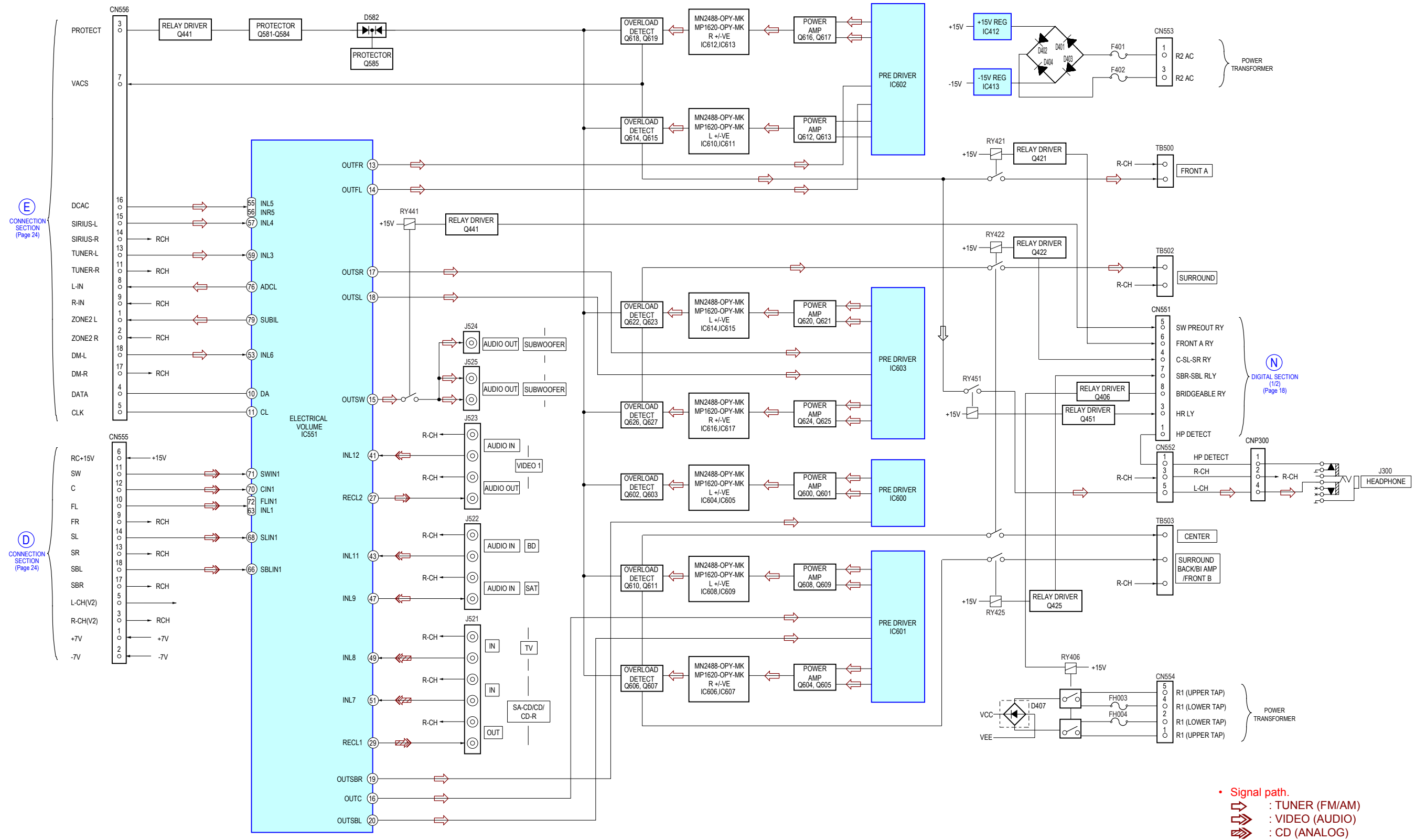
5-2. BLOCK DIAGRAM — DIGITAL (1/2) SECTION —



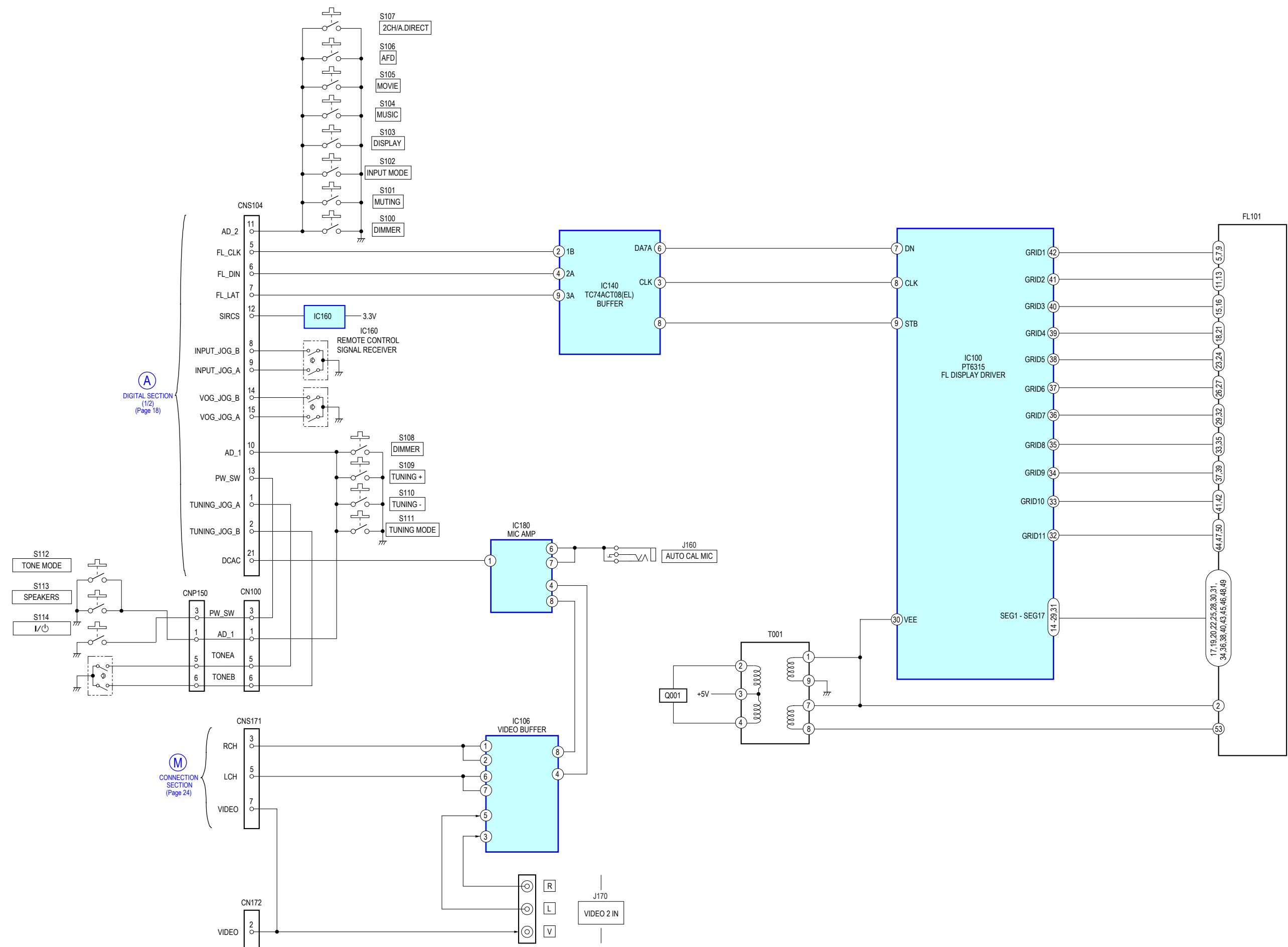
5-3. BLOCK DIAGRAM — DIGITAL (2/2) SECTION —



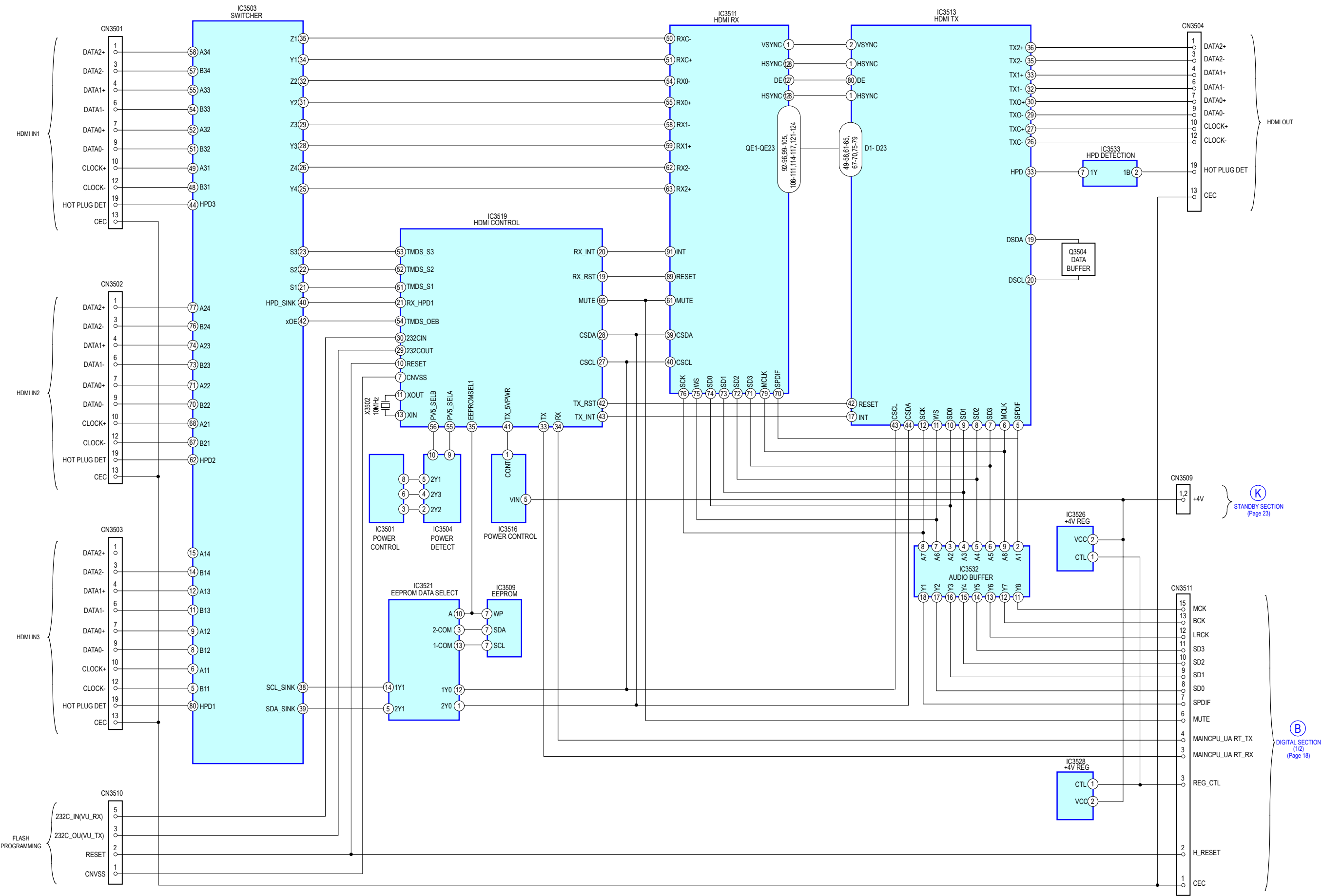
5-4. BLOCK DIAGRAM — MAIN/HEADPHONE SECTION —



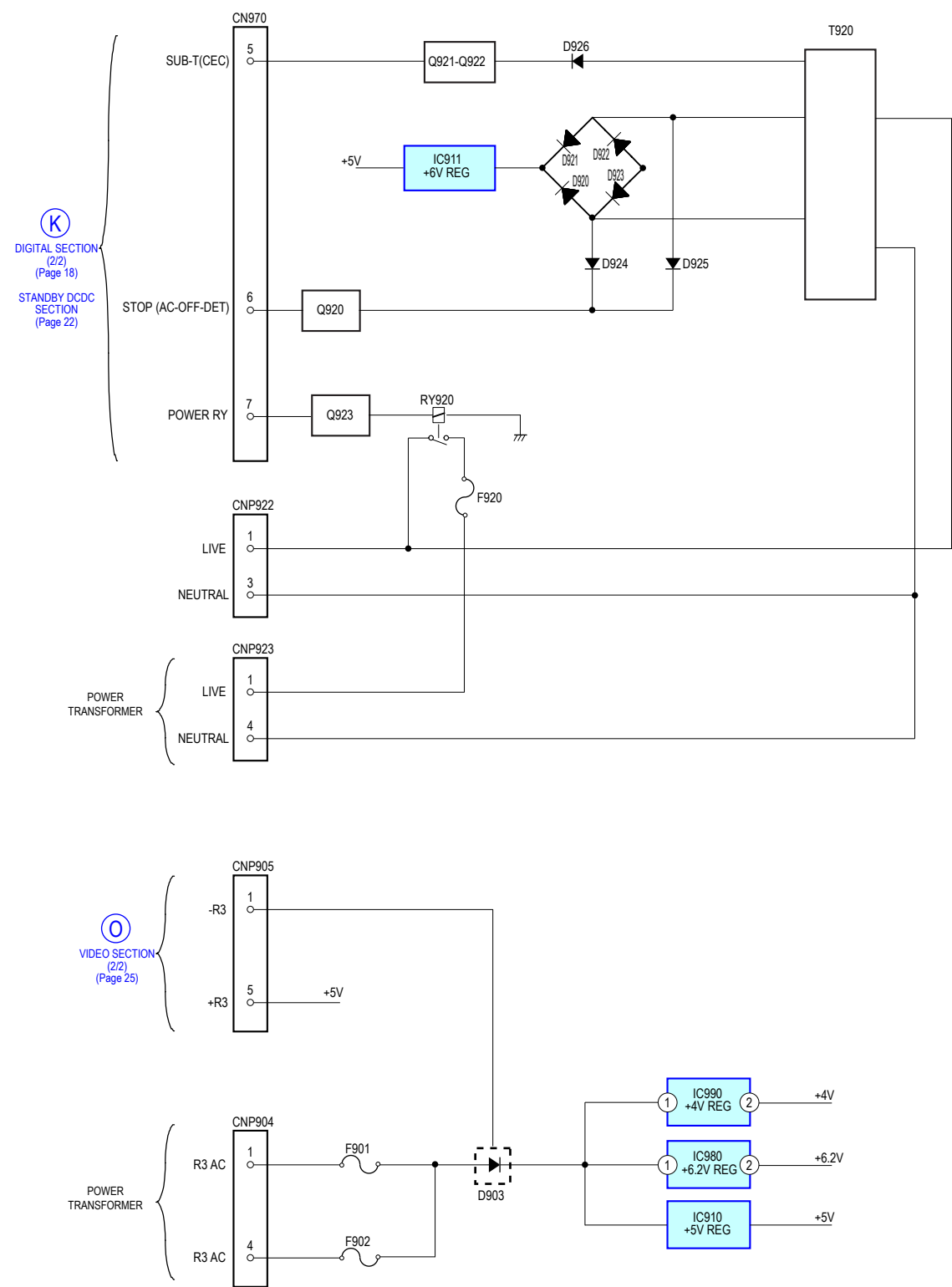
5-5. BLOCK DIAGRAM — DISPLAY/POWER KEY SECTION —



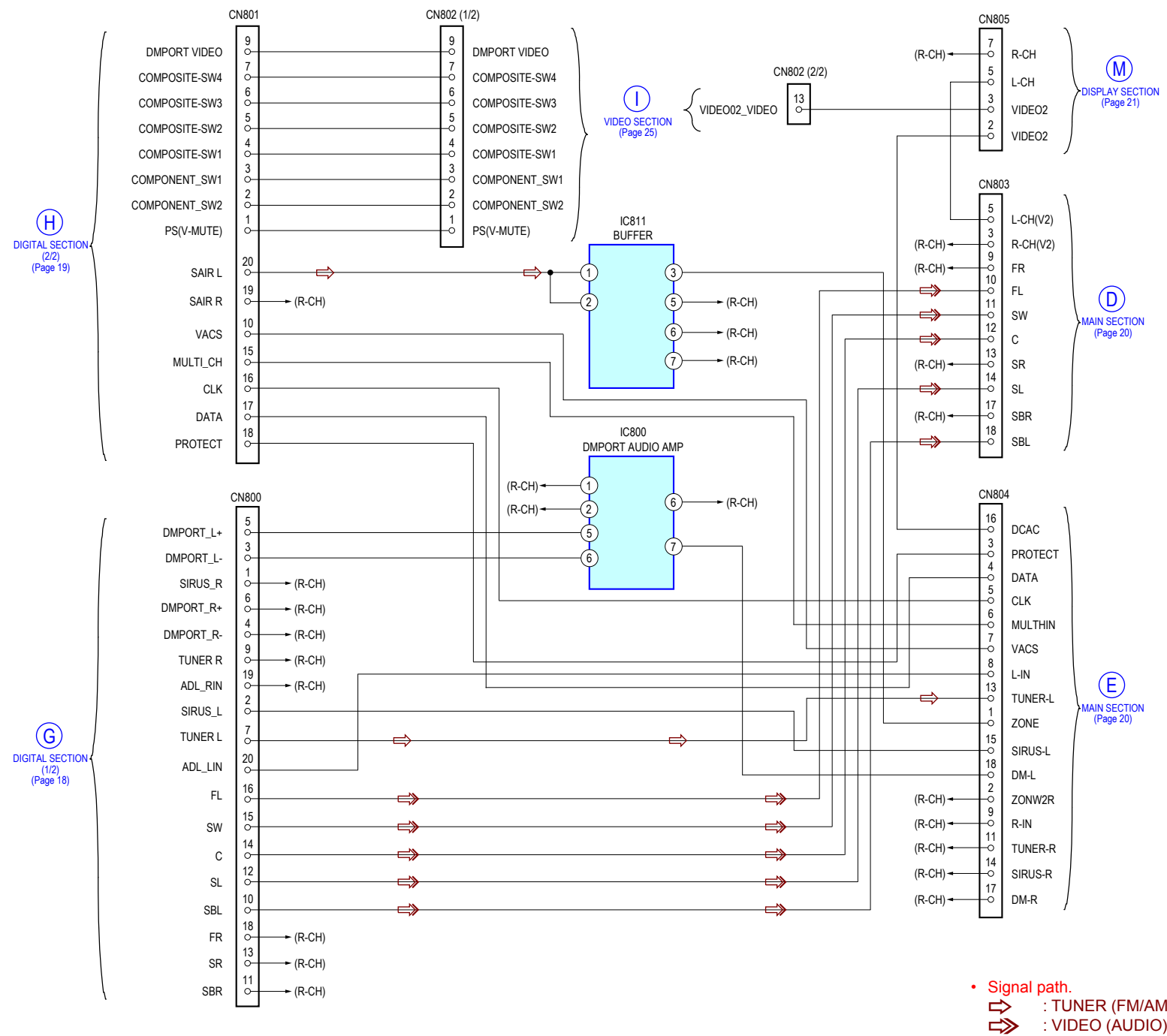
5-6. BLOCK DIAGRAM — HDMI RE SECTION —



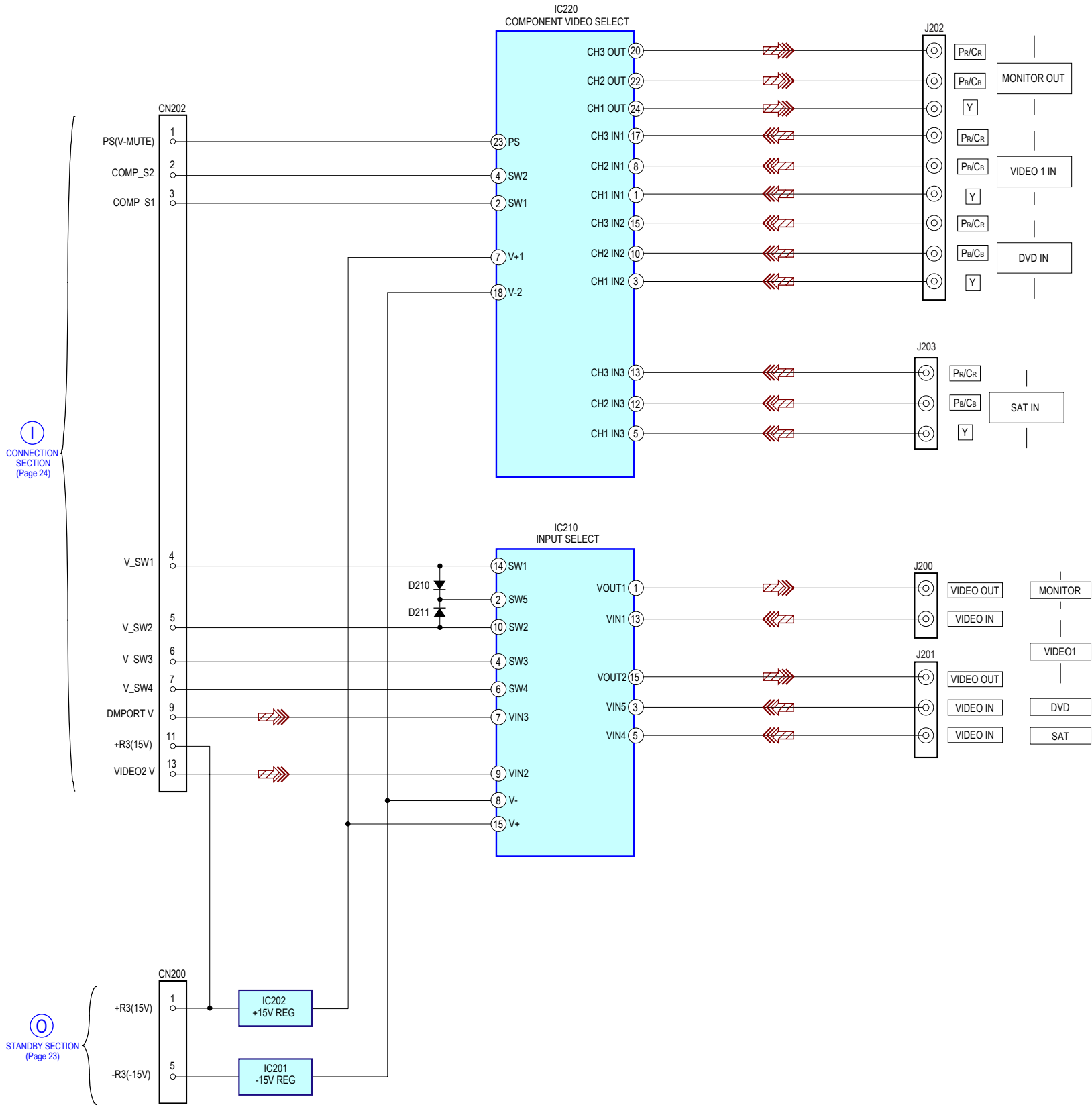
5-7. BLOCK DIAGRAM — STANDBY SECTION —



5-8. BLOCK DIAGRAM — CONNECTION SECTION —



5-9. BLOCK DIAGRAM — VIDEO SECTION —



• Signal path.
: VIDEO

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.
 - △ : internal component.
 - : Pattern from the side which enables seeing.
- Caution:**

Parts face side:	Parts on the parts face side seen from (SIDE A)
Pattern face side:	Parts on the pattern face side seen from (SIDE B)
- Abbreviation
 - CND : Canadian model

For Schematic Diagrams.

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

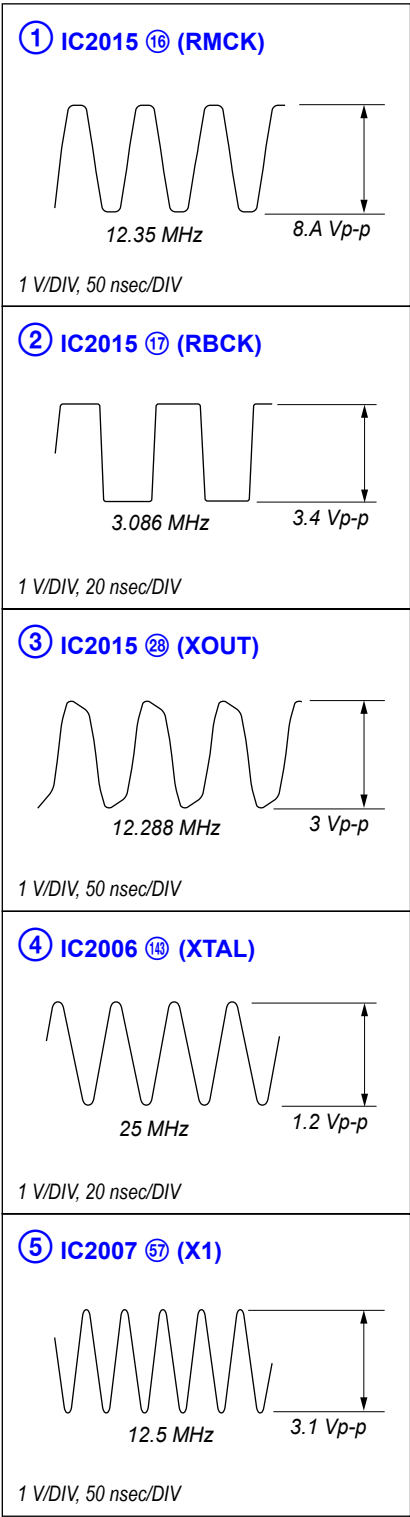
The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Note:

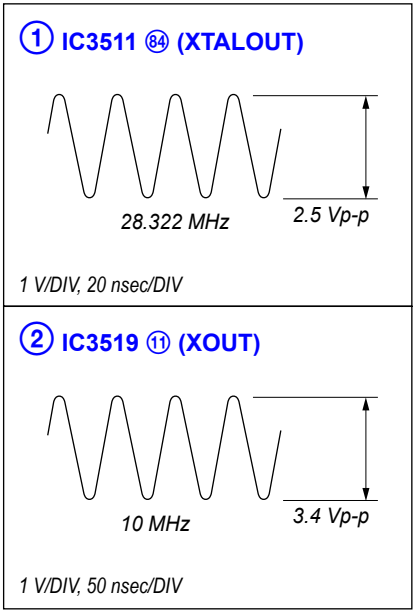
Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
- : B+ Line.
 - - - : B- Line.
 - Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
 - no mark: FM
 - Voltages are taken with VOM (Input impedance 10 M Ω). Voltage variations may be noted due to normal production tolerances.
 - Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
 - Circled numbers refer to waveforms.
 - Signal path.
 - ⇒ : TUNER (FM/AM)
 - ⇒⇒ : VIDEO (AUDIO)
 - ⇒⇒⇒ : VIDEO
 - ⇒⇒ : DVD (DIGITAL)
 - ⇒⇒ : CD (ANALOG)
 - Abbreviation
 - CND : Canadian model

• Waveforms

– DIGITAL Board –

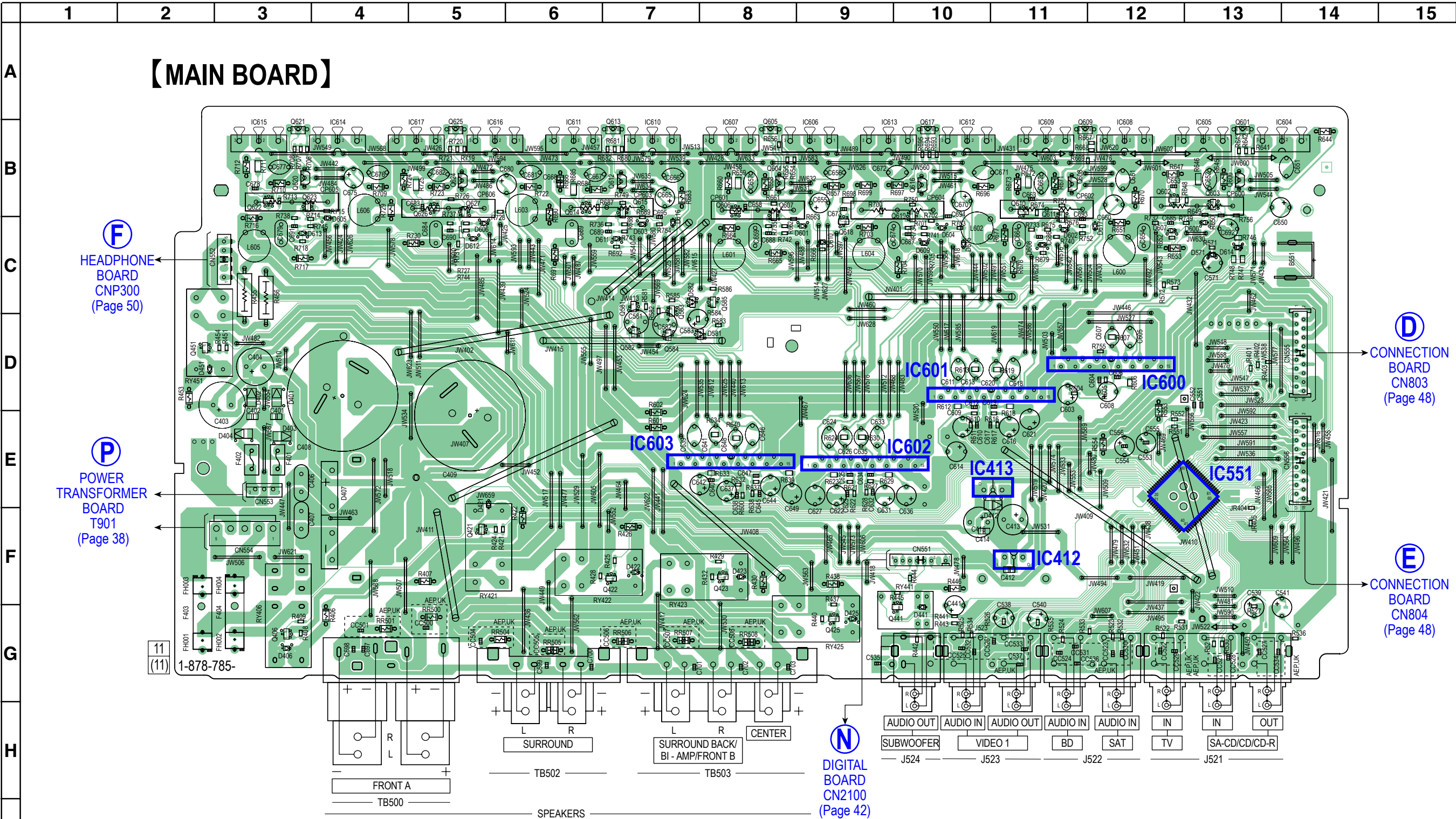


– HDMI RE Board –



5-10. PRINTED WIRING BOARD — MAIN BOARD — • Refer to page 17 for Circuit Boards Location.

 : Uses unleaded solder.



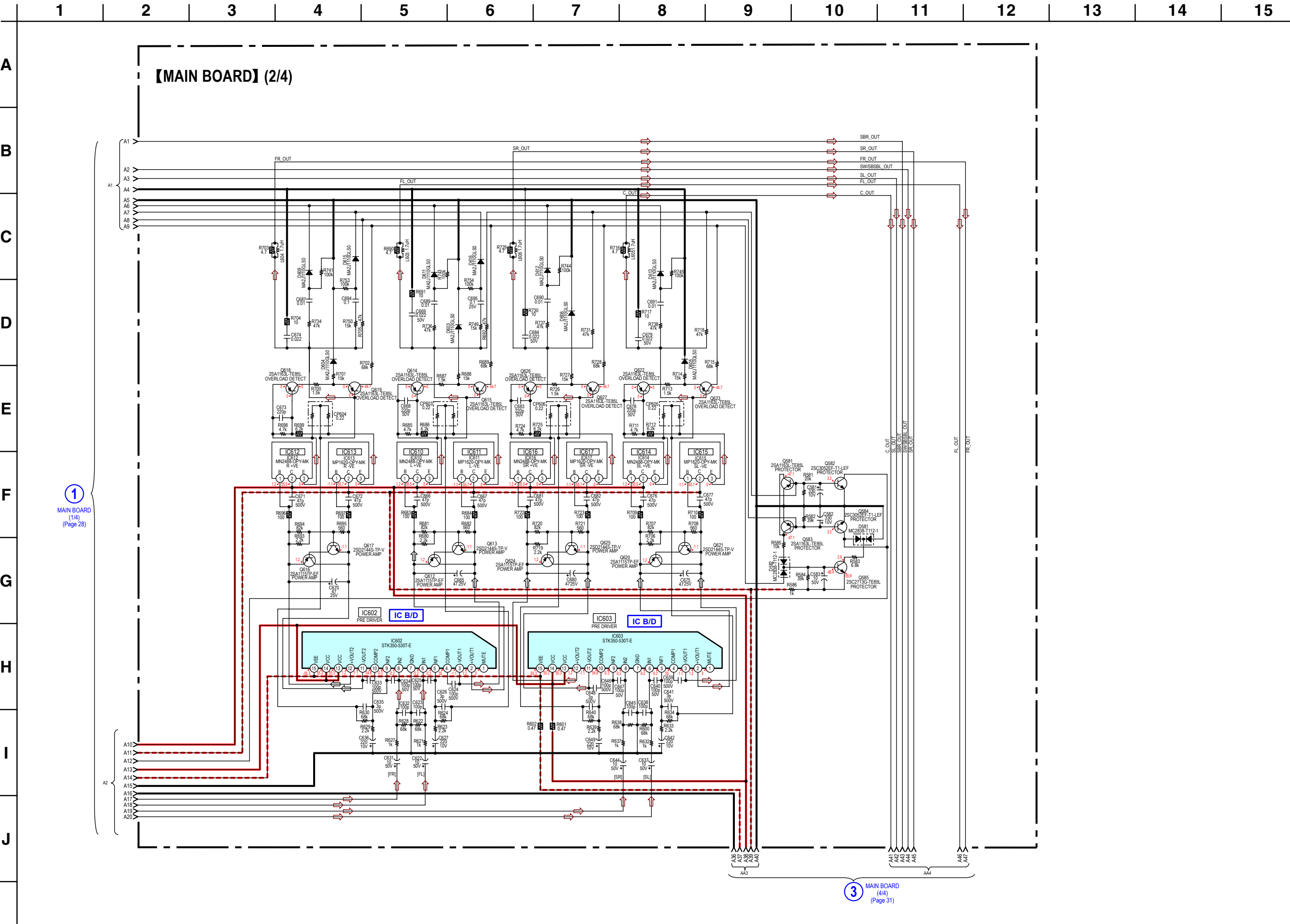
• Semiconductor Location

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D401	D-3	D601	C-8	D613	C-3	IC604	B-13	IC616	B-5	Q584	D-7	Q610	B-11	Q622	B-3
D402	D-3	D602	B-11	D614	C-13	IC605	B-12	IC617	B-4	Q585	C-7	Q611	B-11	Q623	B-3
D403	E-3	D603	B-7	D615	C-10	IC606	B-8			Q600	B-13	Q612	B-6	Q624	B-5
D404	E-3	D604	C-10	D616	B-7	IC607	B-8	Q421	F-5	Q601	B-13	Q613	B-6	Q625	B-5
D407	E-4	D605	B-3			IC608	B-12	Q422	F-6	Q602	B-12	Q614	B-6	Q626	B-4
D425	G-9	D606	B-5	IC412	F-11	IC609	B-11	Q423	F-8	Q603	B-13	Q615	B-7	Q627	B-5
D441	G-10	D607	B-12	IC413	E-10	IC610	B-7	Q425	G-9	Q604	B-8	Q616	B-10		
D451	D-2	D608	C-11	IC551	E-12	IC611	B-6	Q441	G-9	Q605	B-8	Q617	B-10		
D571	C-13	D609	C-10	IC600	D-12	IC612	B-10	Q451	D-2	Q606	B-5	Q618	B-9		
D581	D-7	D610	C-8	IC601	D-10	IC613	B-9	Q581	C-7	Q607	B-9	Q619	B-9		
D582	C-7	D611	B-6	IC602	E-9	IC614	B-4	Q582	D-7	Q608	B-11	Q620	B-3		
D600	B-13	D612	B-5	IC603	E-8	IC615	B-3	Q583	C-7	Q609	B-11	Q621	B-3		

- Refer to page 17 for Circuit Boards Location.



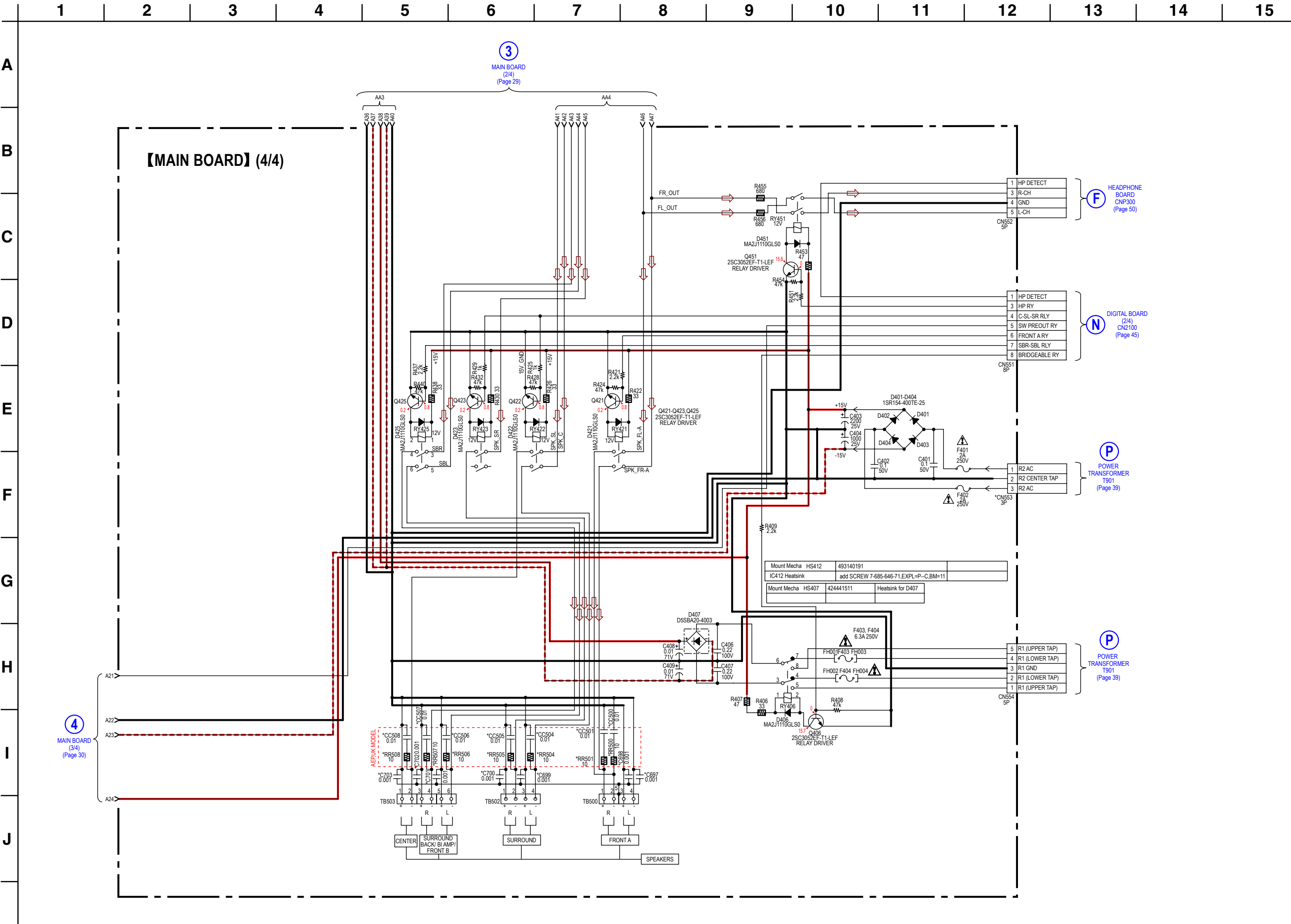
5-12. SCHEMATIC DIAGRAM — MAIN BOARD (2/4) — • Refer to page 17 for Circuit Boards Location.

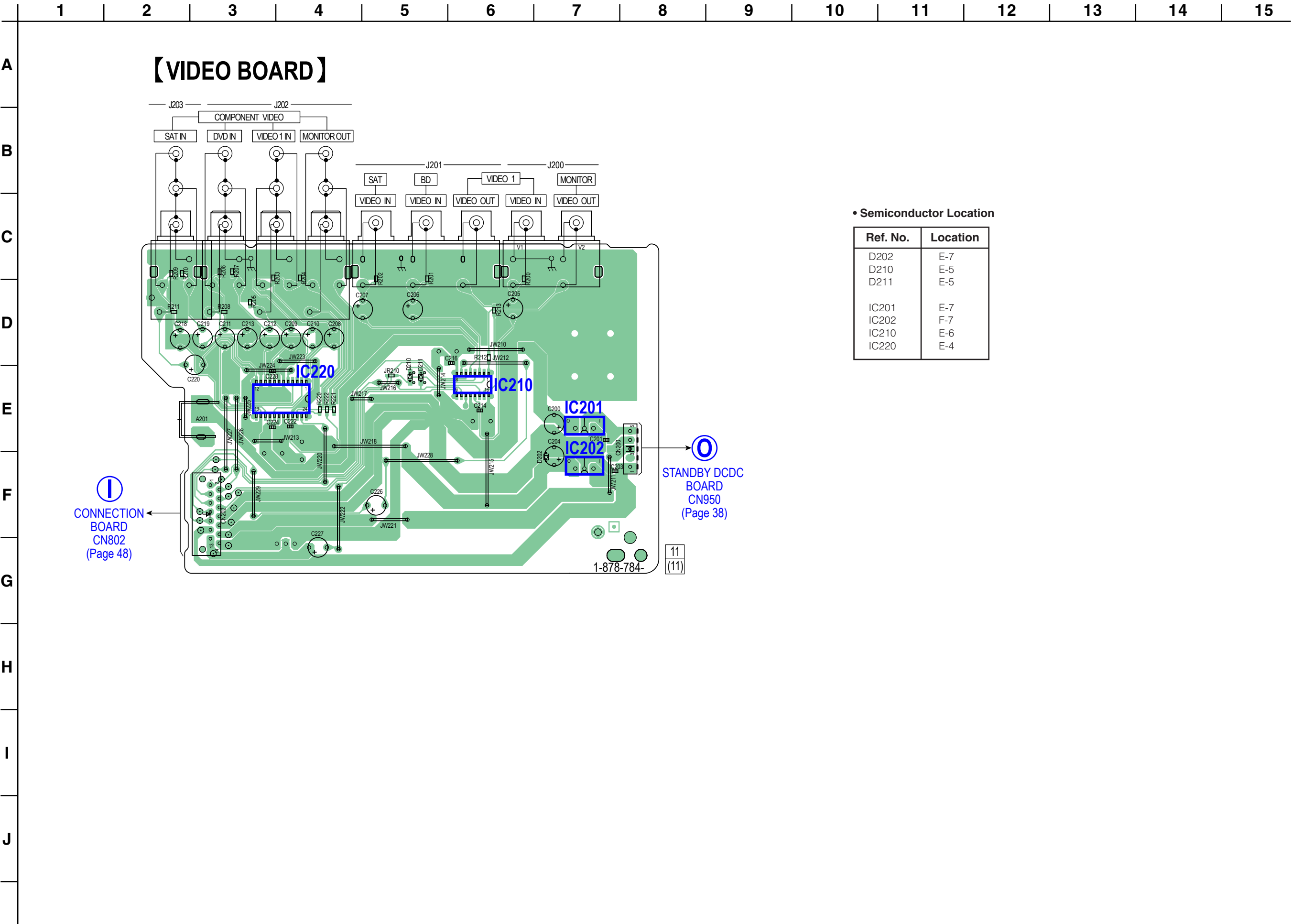


- Refer to page 17 for Circuit Boards Location.



5-14. SCHEMATIC DIAGRAM — MAIN BOARD (4/4) — • Refer to page 17 for Circuit Boards Location.

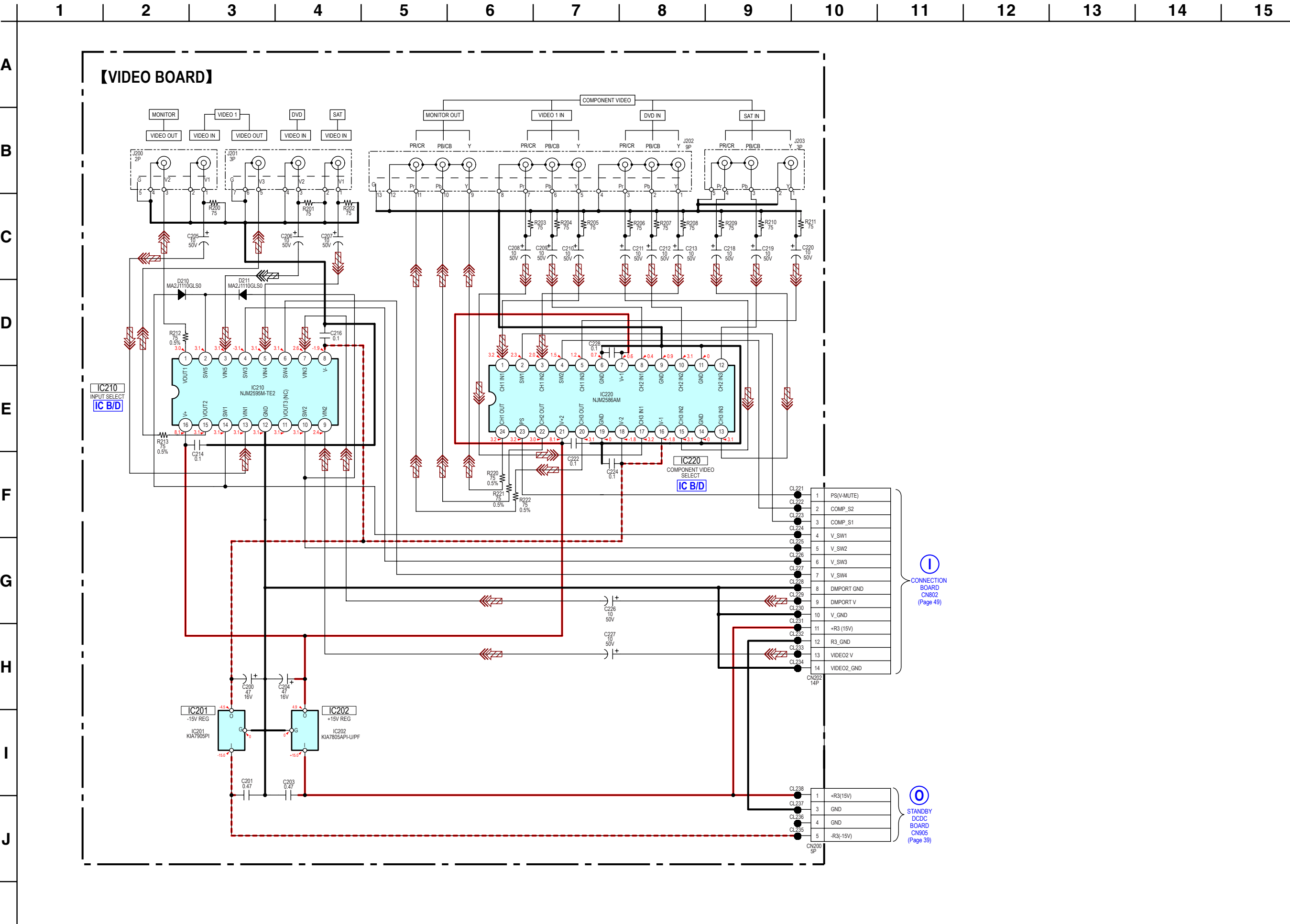


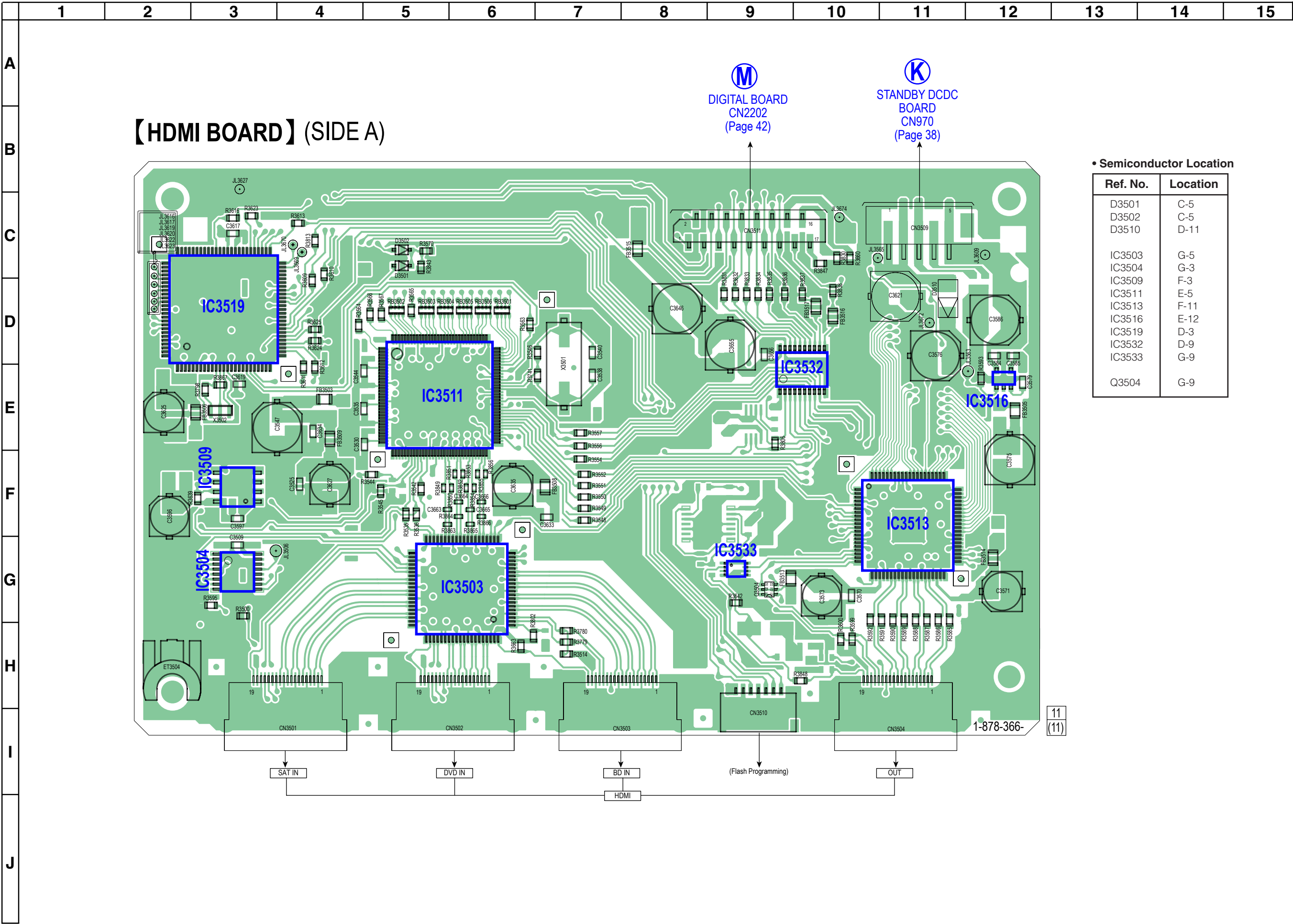


• Semiconductor Location

Ref. No.	Location
D202	E-7
D210	E-5
D211	E-5
IC201	E-7
IC202	F-7
IC210	E-6
IC220	E-4

5-16. SCHEMATIC DIAGRAM —VIDEO BOARD — • Refer to page 17 for Circuit Boards Location.



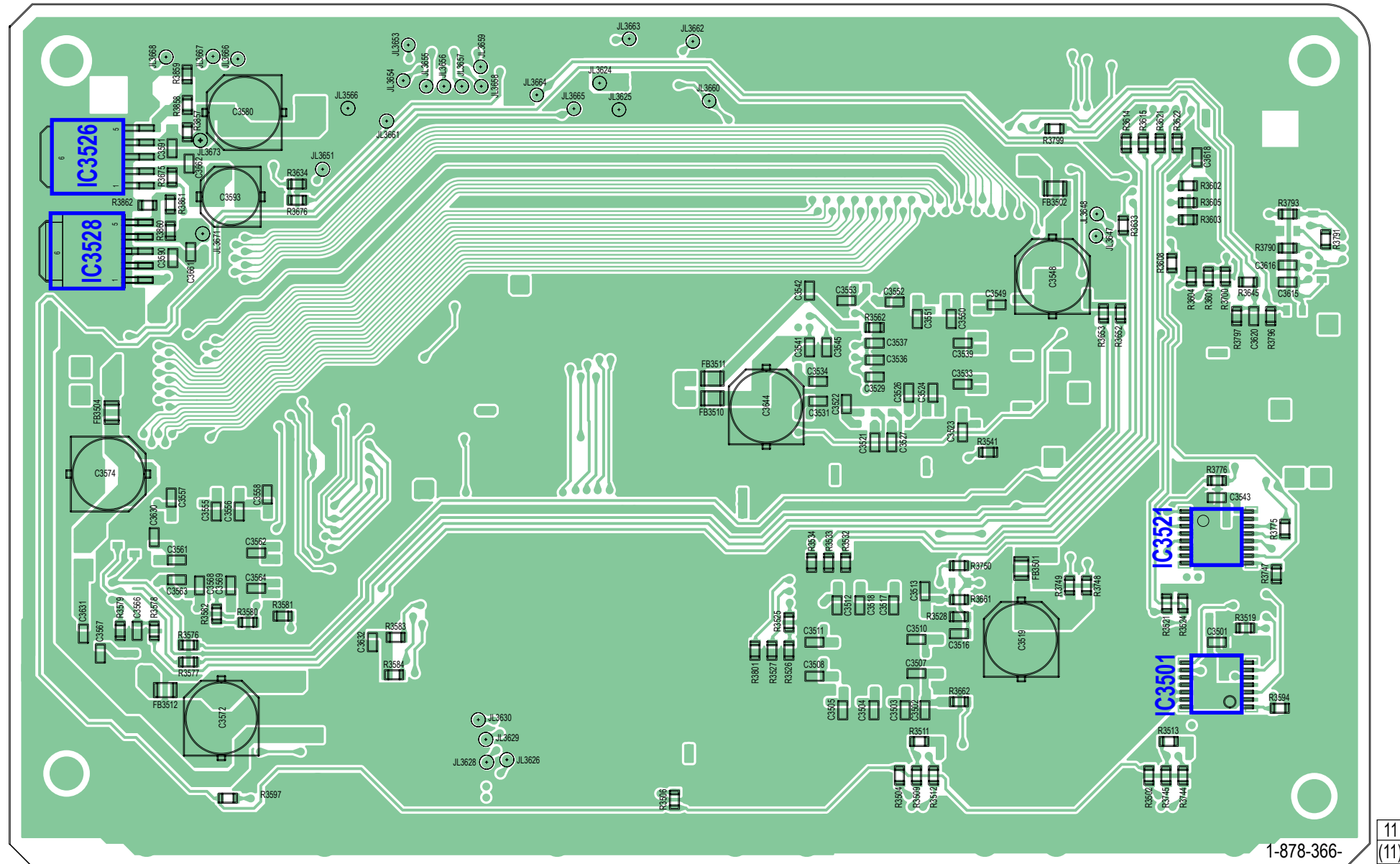


• Semiconductor Location

Ref. No.	Location
D3501	C-5
D3502	C-5
D3510	D-11
IC3503	G-5
IC3504	G-3
IC3509	F-3
IC3511	E-5
IC3513	F-11
IC3516	E-12
IC3519	D-3
IC3532	D-9
IC3533	G-9
Q3504	G-9

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
----	----	----	----	----	----	---	---	---	---	---	---	---	---	---	--

【HDMI BOARD】(SIDE B)



- **Semiconductor Location**

Ref. No.	Location
IC3501	G-5
IC3521	E-5
IC3526	B-14
IC3528	C-14

A

B

C

D

E

F

G

H |

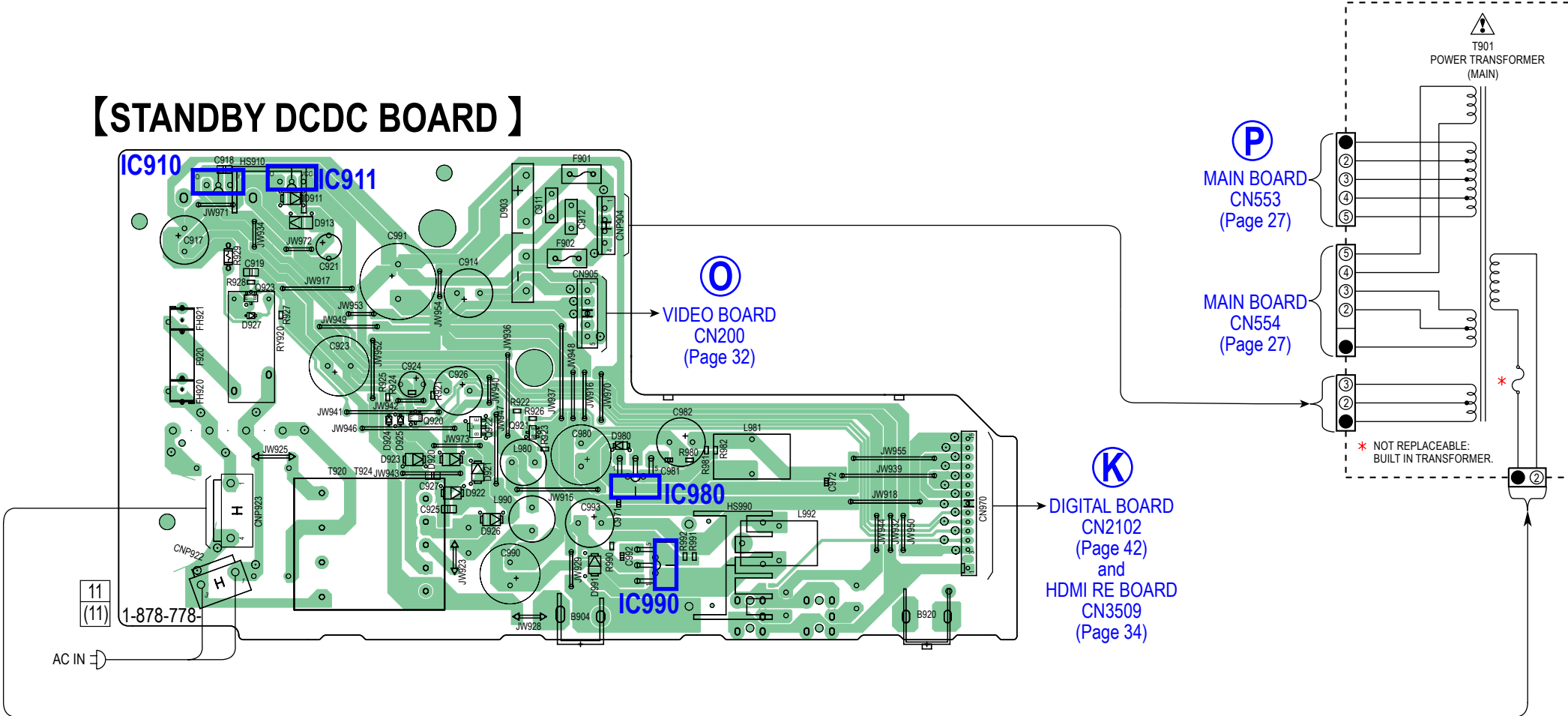
1

J

36

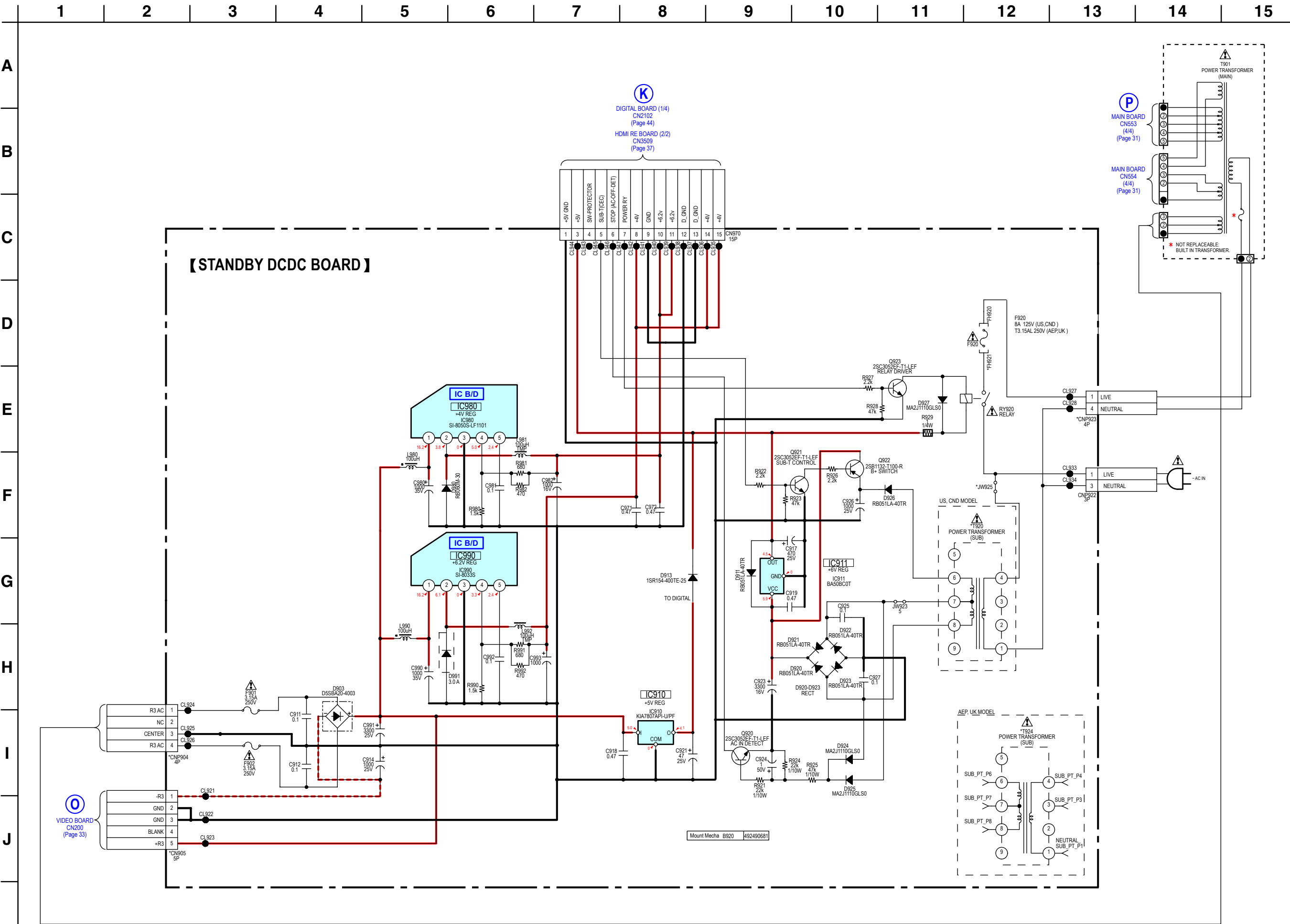






Ref. No.	Location
D903	B-5
D911	B-4
D913	B-4
D920	D-5
D921	D-5
D922	D-5
D923	D-4
D924	D-4
D925	D-4
D926	D-5
D927	C-3
D980	D-6
IC910	B-3
IC911	B-4
IC980	D-6
IC990	E-6
Q920	D-4
Q921	D-5
Q922	D-5
Q923	C-3

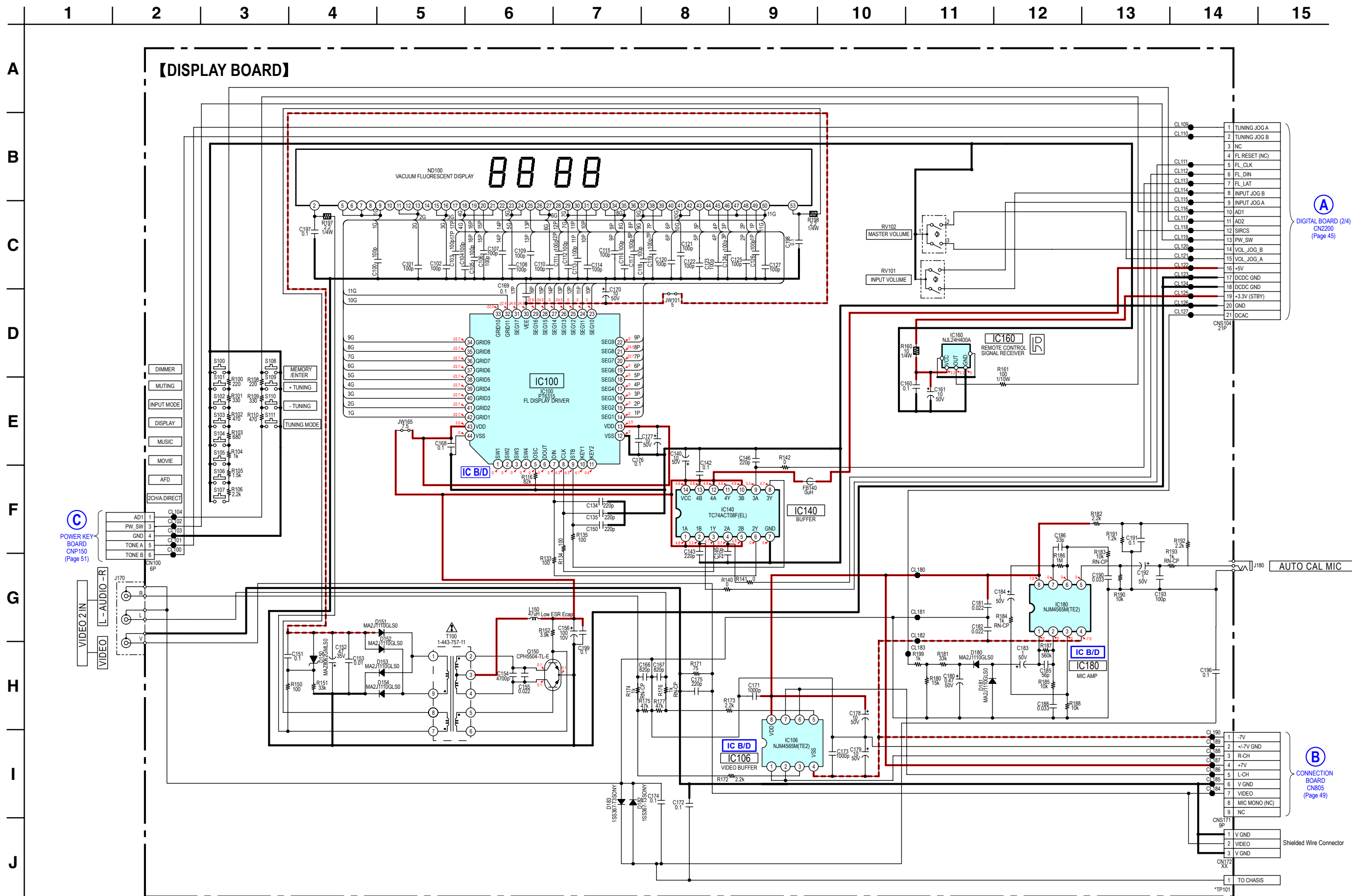
5-22. SCHEMATIC DIAGRAM — STANDBY DCDC BOARD — • Refer to page 17 for Circuit Boards Location.

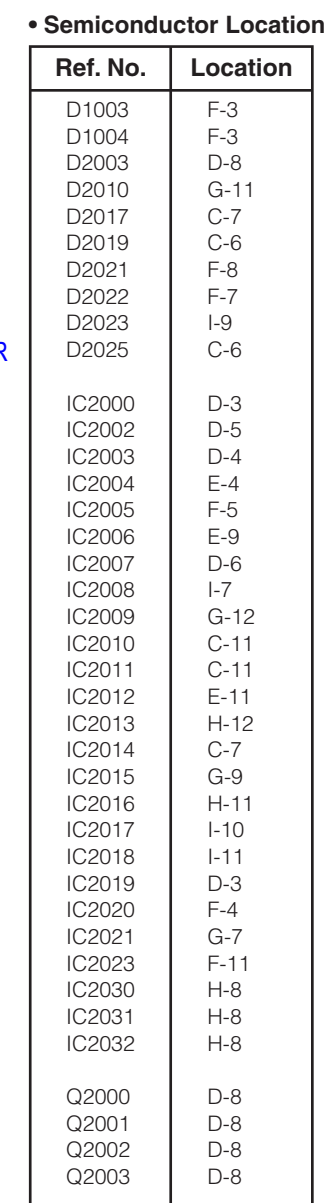


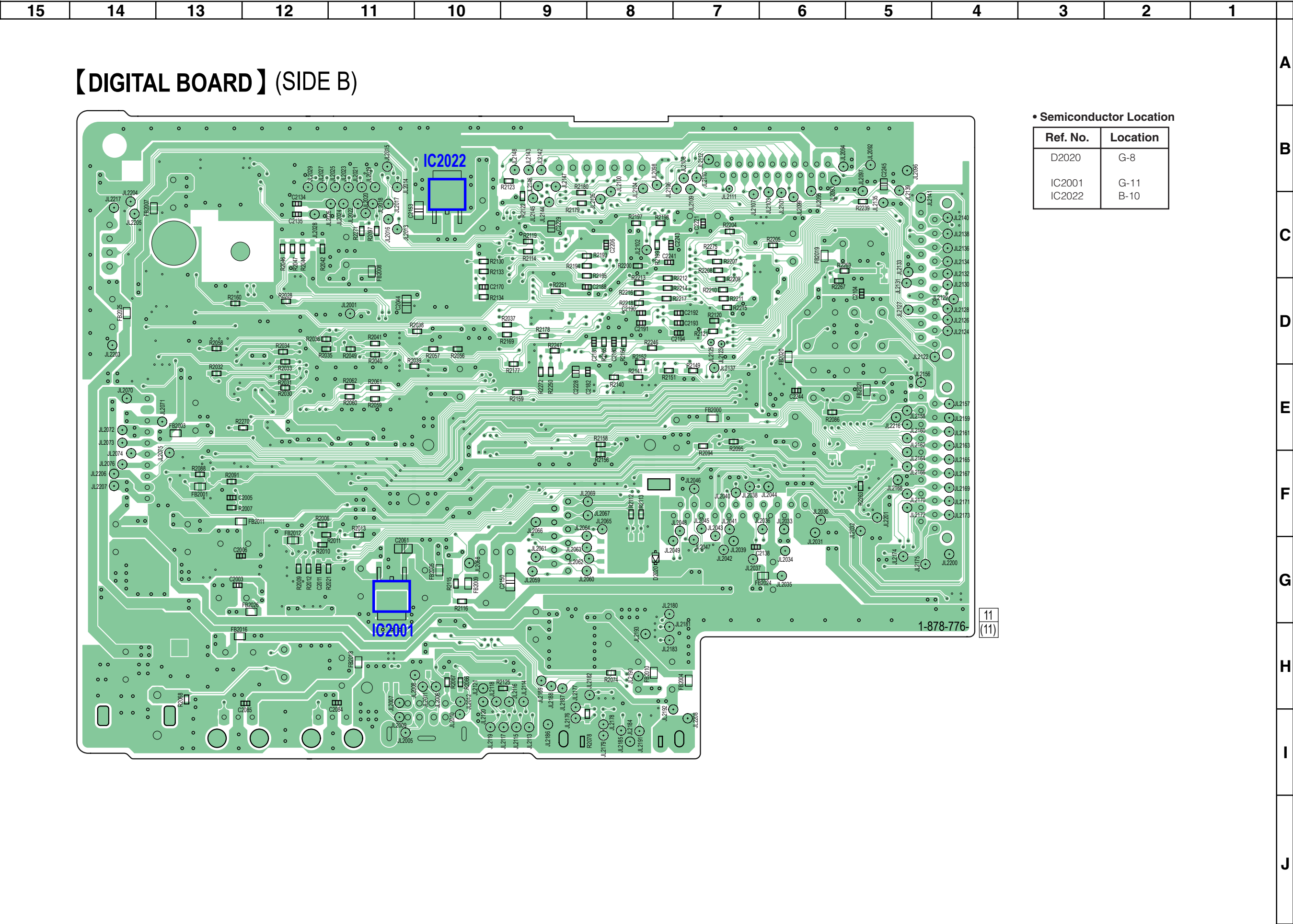


5-24. SCHEMATIC DIAGRAM — DISPLAY BOARD —

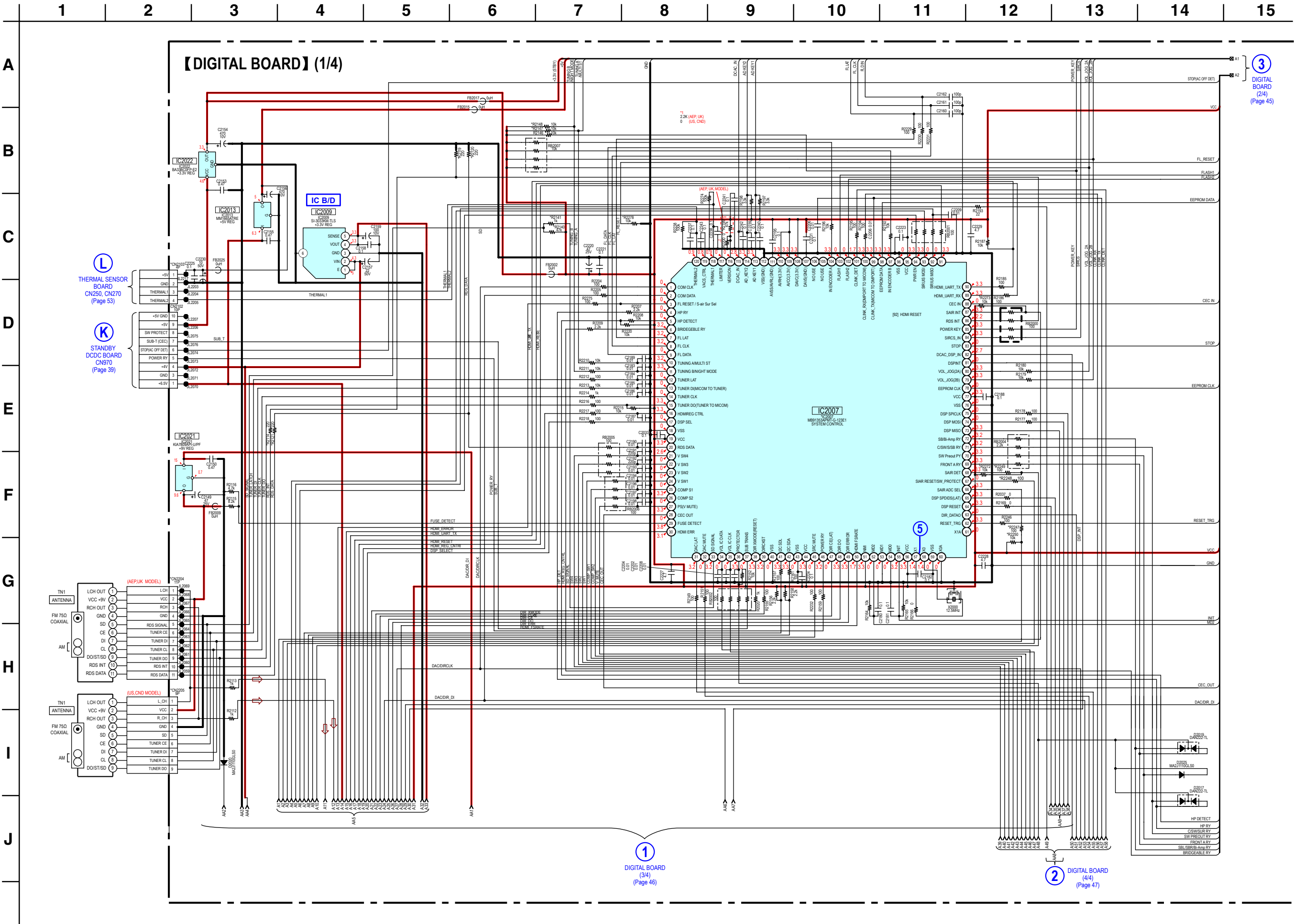
• Refer to page 17 for Circuit Boards Location.



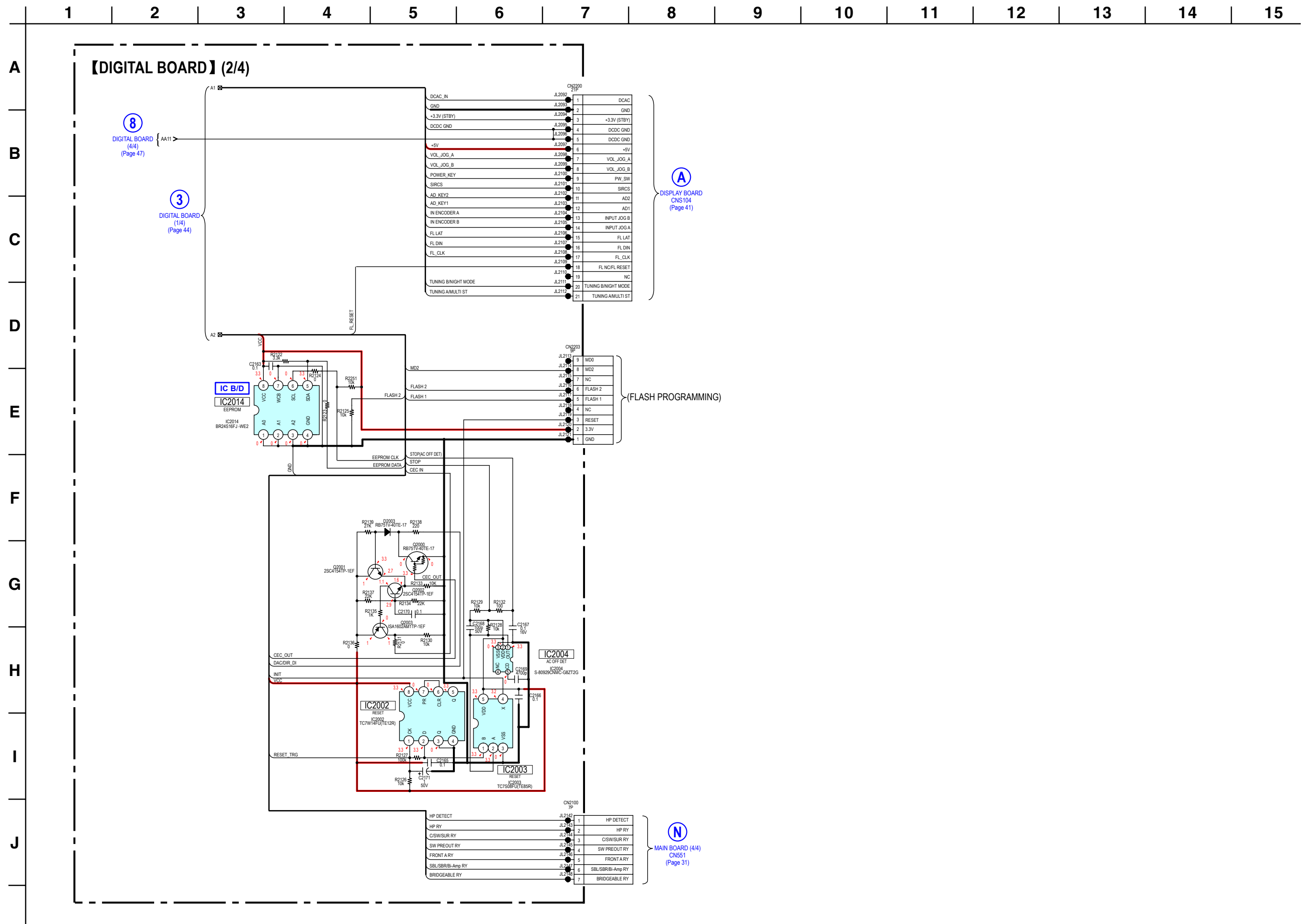




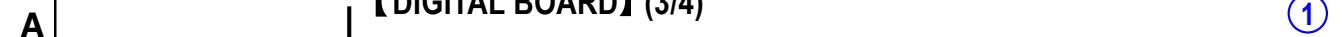
5-27. SCHEMATIC DIAGRAM — DIGITAL BOARD (1/4) — • Refer to page 17 for Circuit Boards Location.



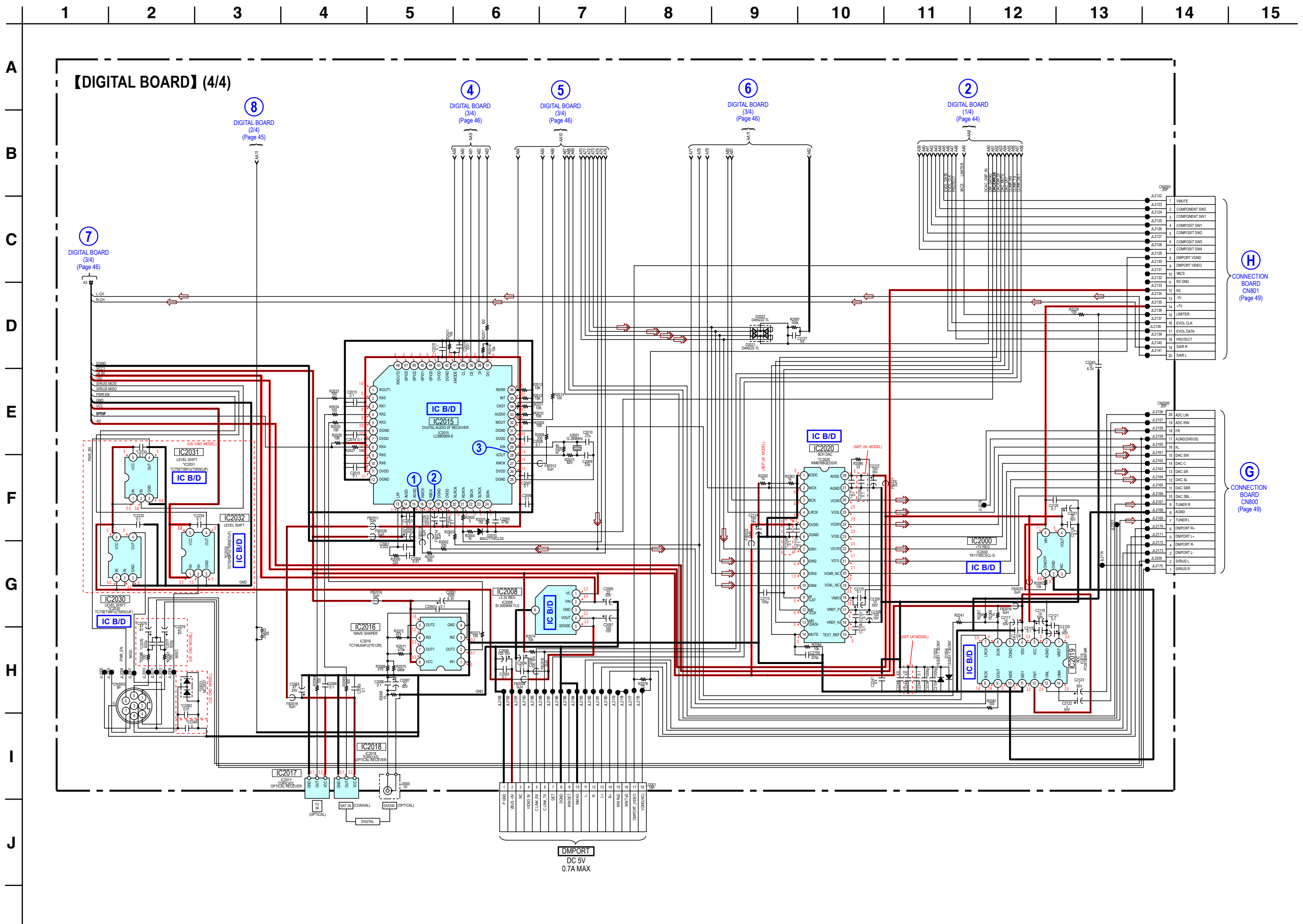
5-28. SCHEMATIC DIAGRAM — DIGITAL BOARD (2/4) — • Refer to page 17 for Circuit Boards Location.



A | 【DIGITAL BOARD】 (3/4) ①



5-30. SCHEMATIC DIAGRAM — DIGITAL BOARD (4/4) — • Refer to page 17 for Circuit Boards Location.






 MAIN BOARD
 CN556
 (Page 27)

D
MAIN BOARD
CN555
(Page 27)

VIDEO BOARD CN202 (Page 32)

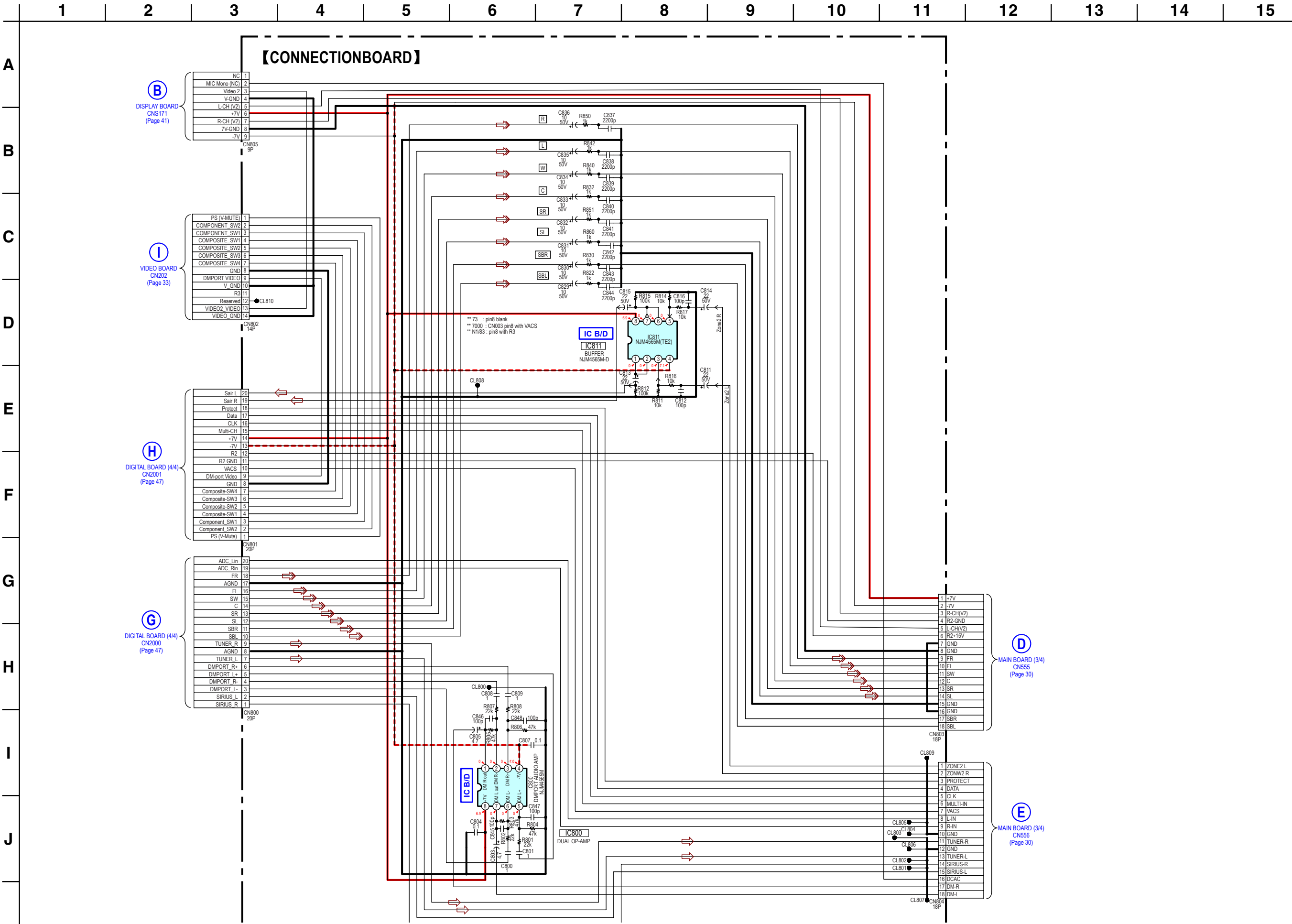
©
DIGITAL BOARD
CN2000
(Page 42)


DIGITAL BOARD
CN2001
(Page 42)

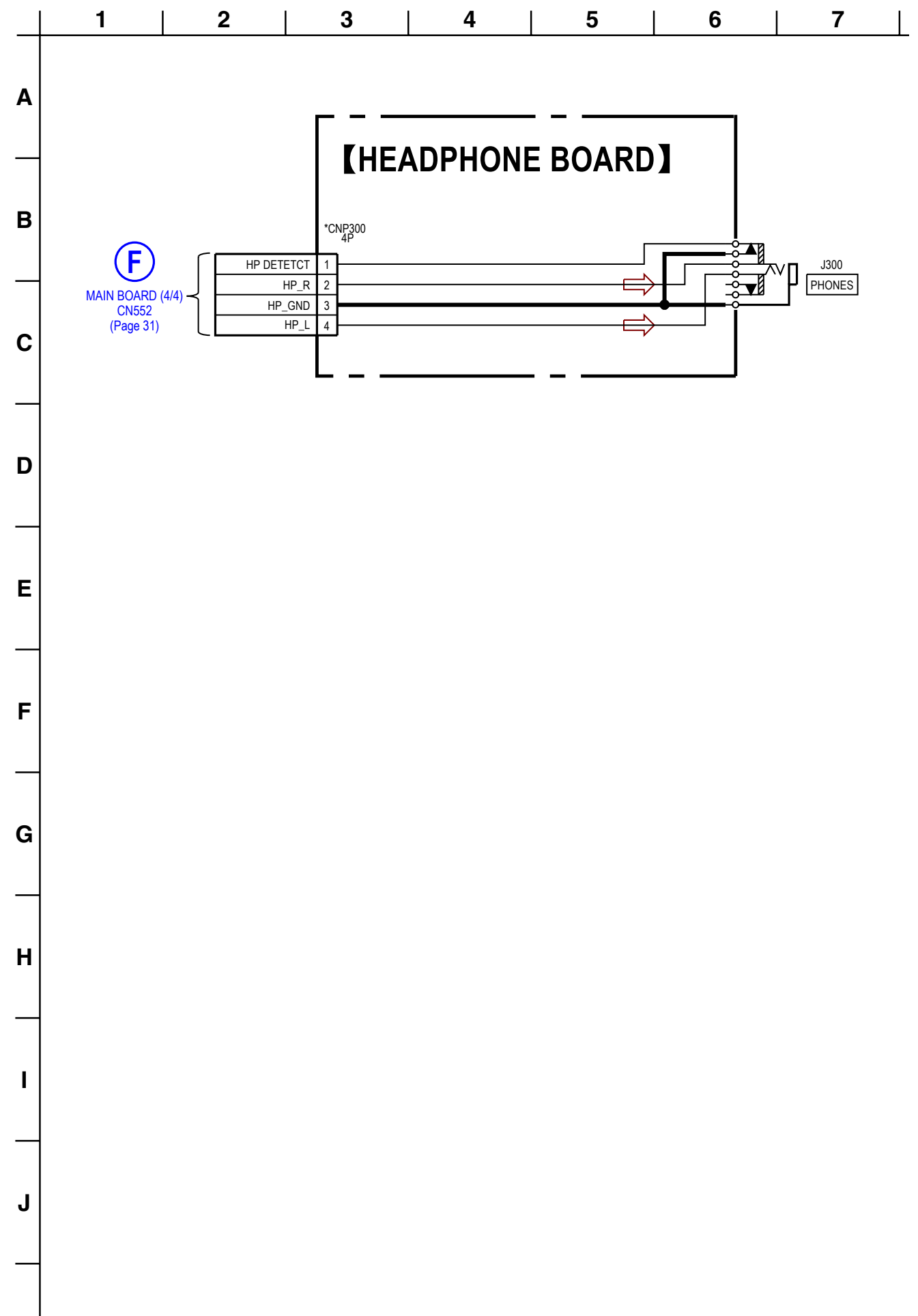
B
DISPLAY BOARD
CNS171
(Page 40)

Ref. No.	Location
IC800	C-2
IC811	D-4

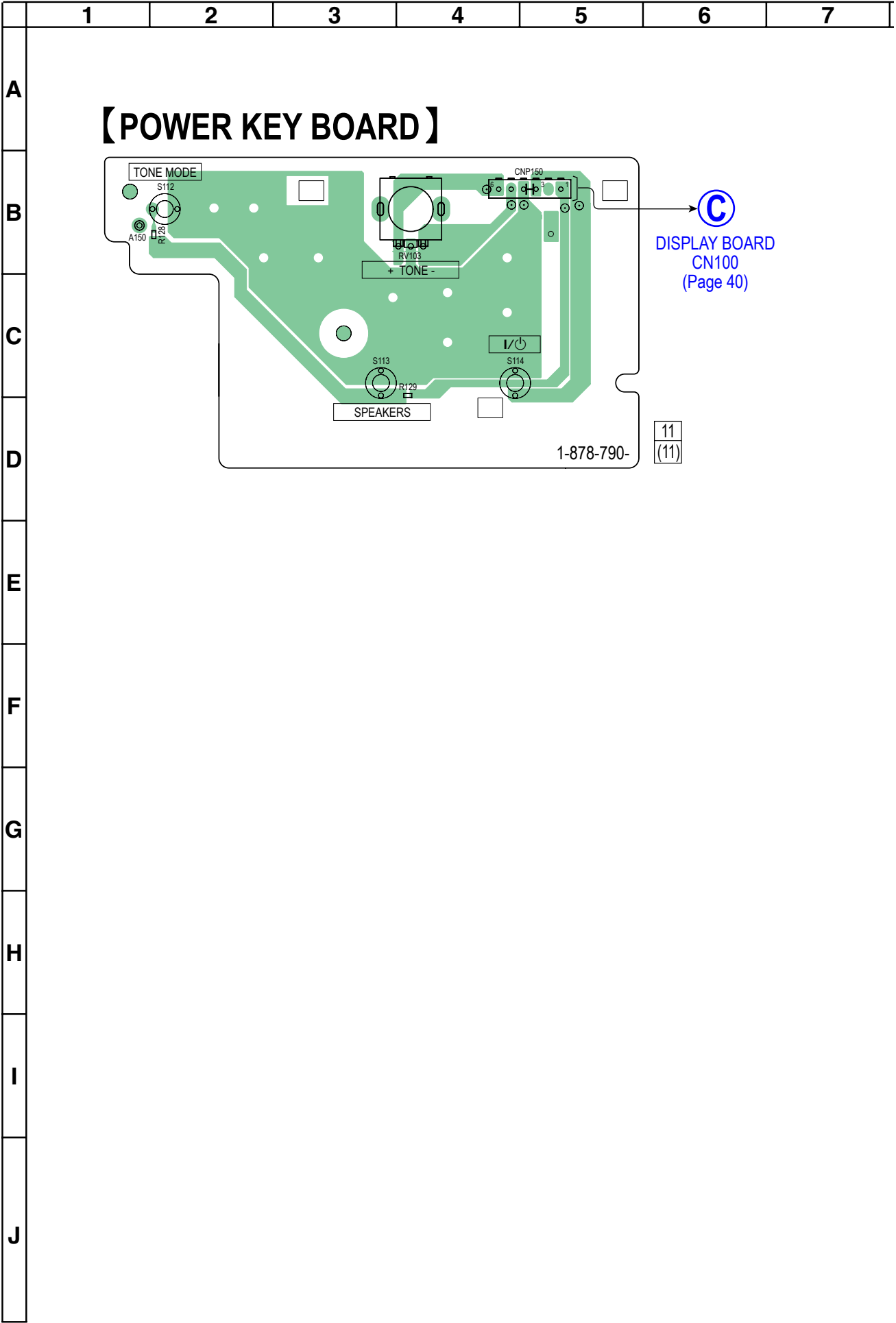
5-32. SCHEMATIC DIAGRAM — CONNECTION BOARD — • Refer to page 17 for Circuit Boards Location.



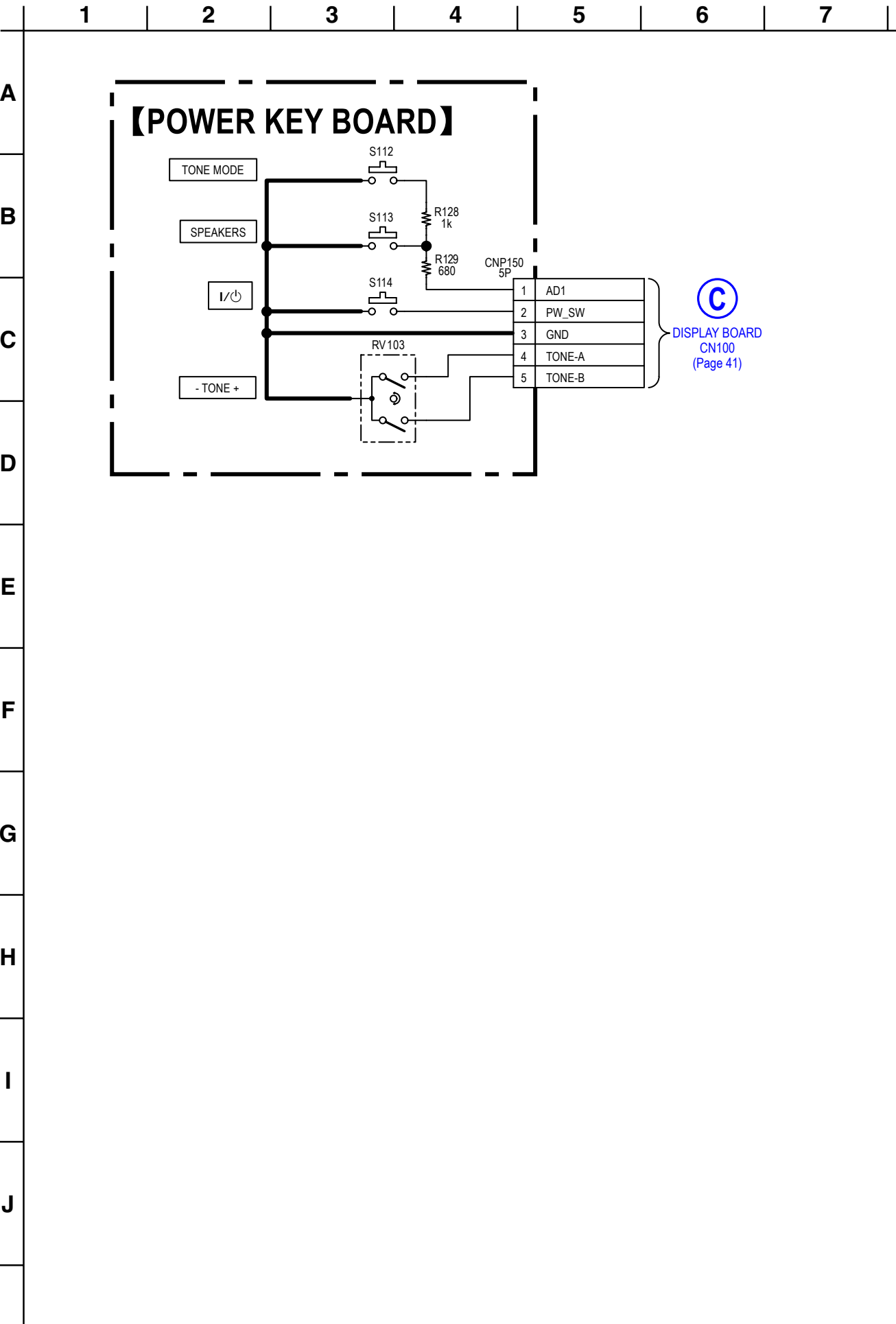
5-34. SCHEMATIC DIAGRAM — HEADPHONE BOARD —



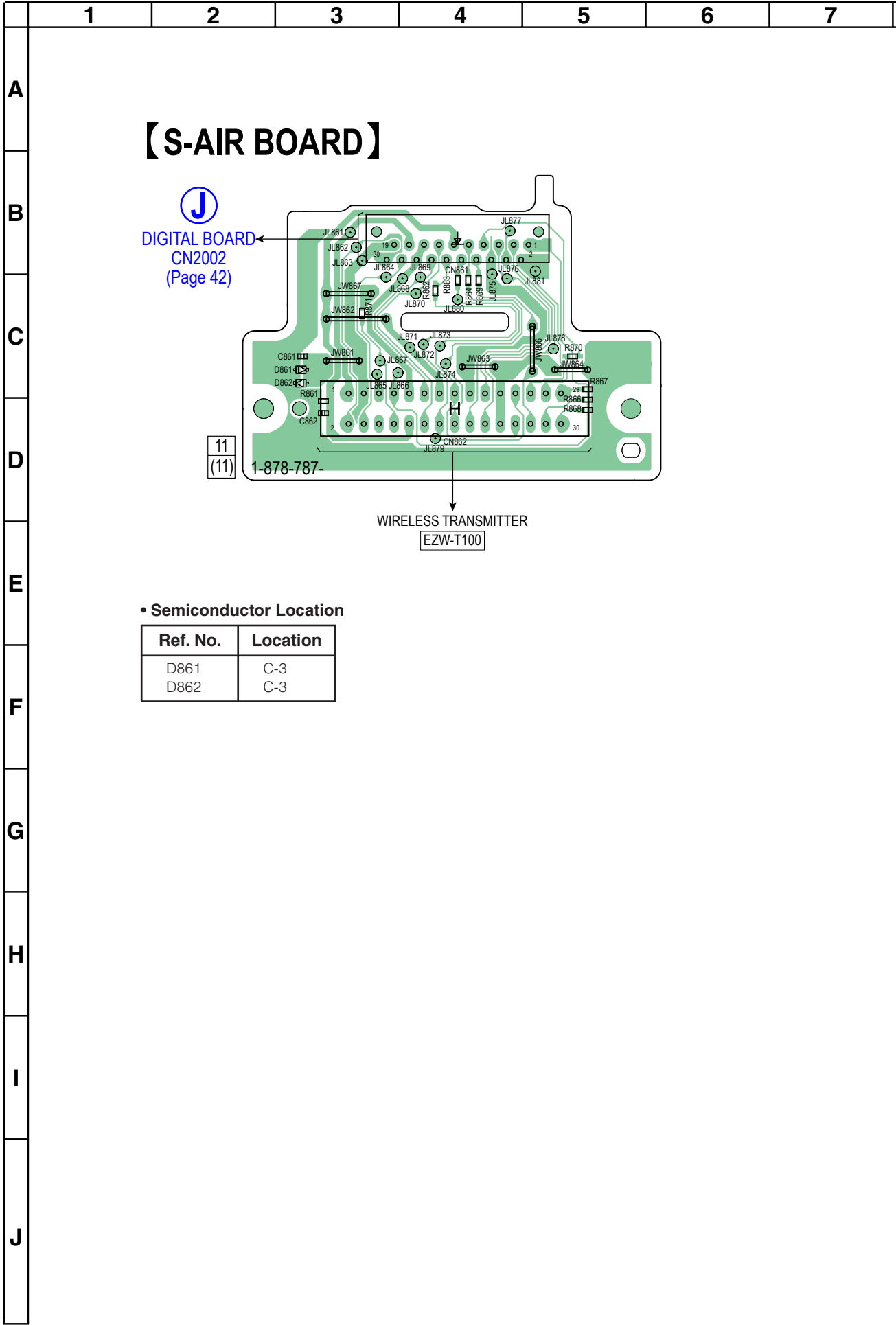
5-35. PRINTED WIRING BOARD — POWER KEY BOARD — Refer to page 17 for Circuit Boards Location.



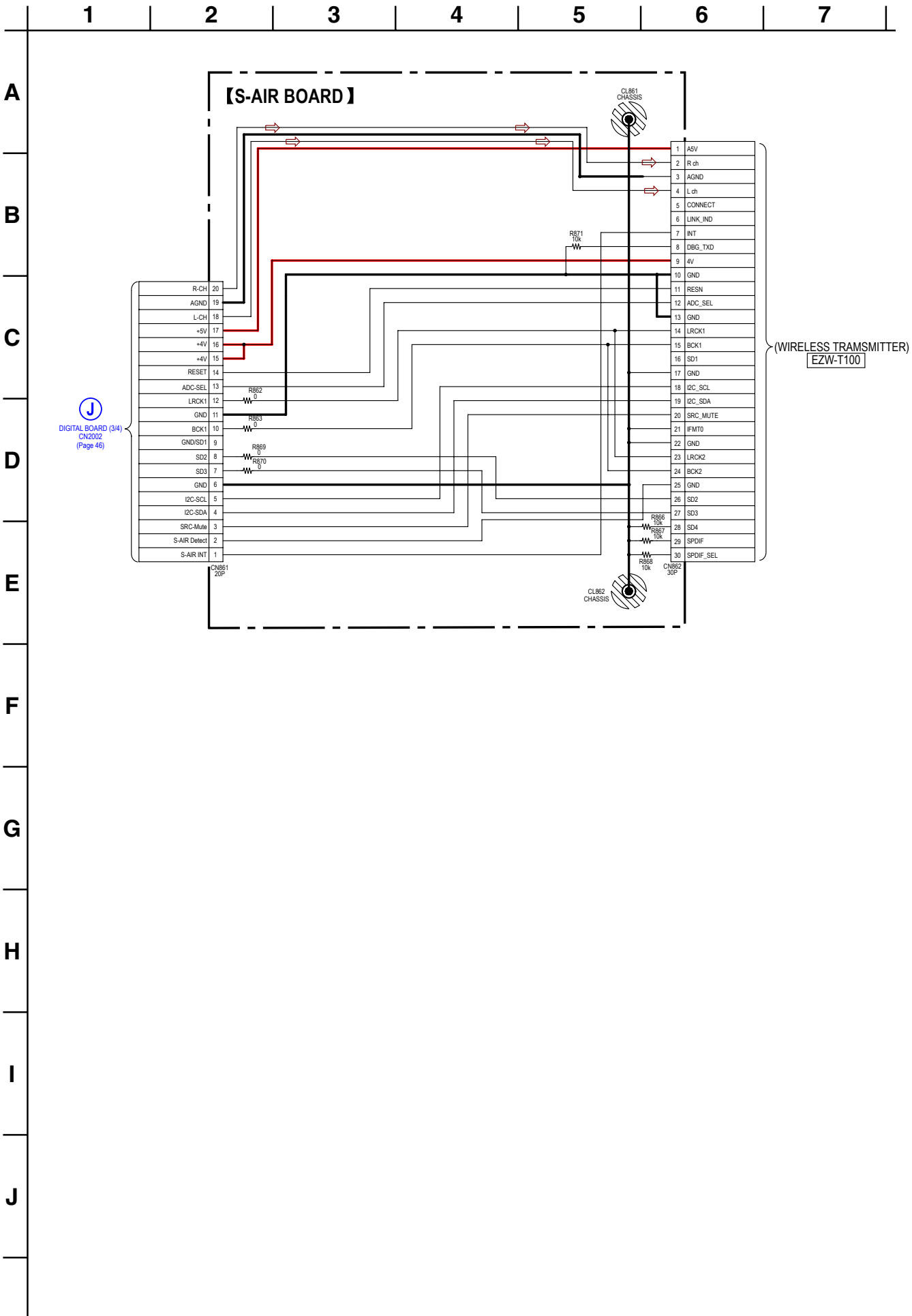
5-36. SCHEMATIC DIAGRAM — POWER KEY BOARD —



5-37. PRINTED WIRING BOARD — S-AIR BOARD — Refer to page 17 for Circuit Boards Location.



5-38. SCHEMATIC DIAGRAM — S-AIR BOARD —

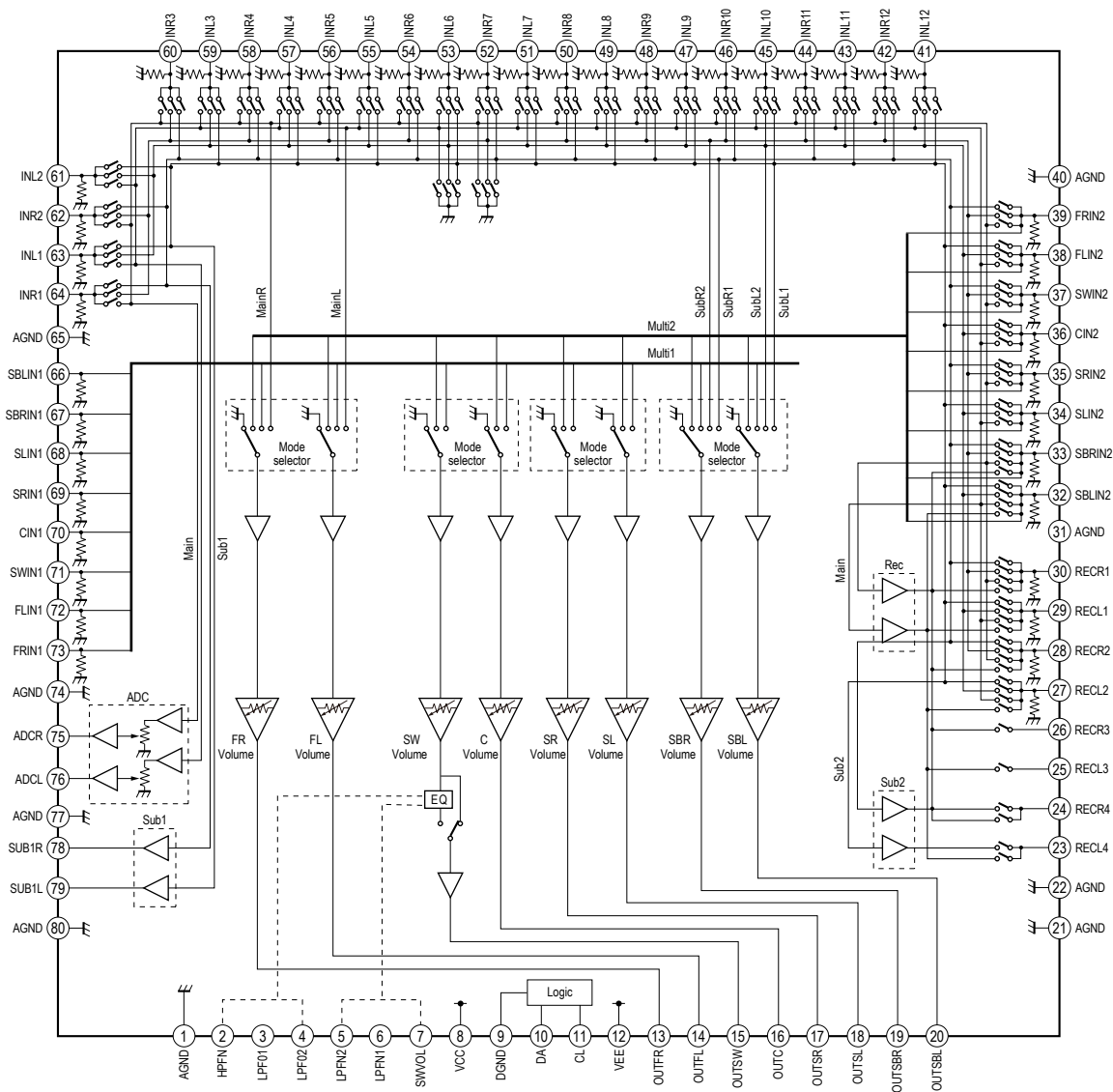




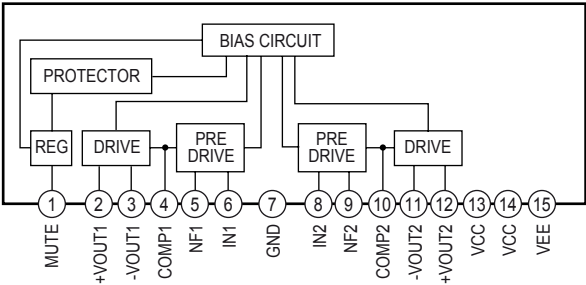
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• IC Block Diagrams

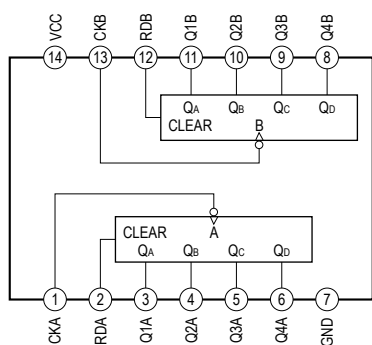
IC551 BD3471KS2 (MAIN BOARD (3/4))



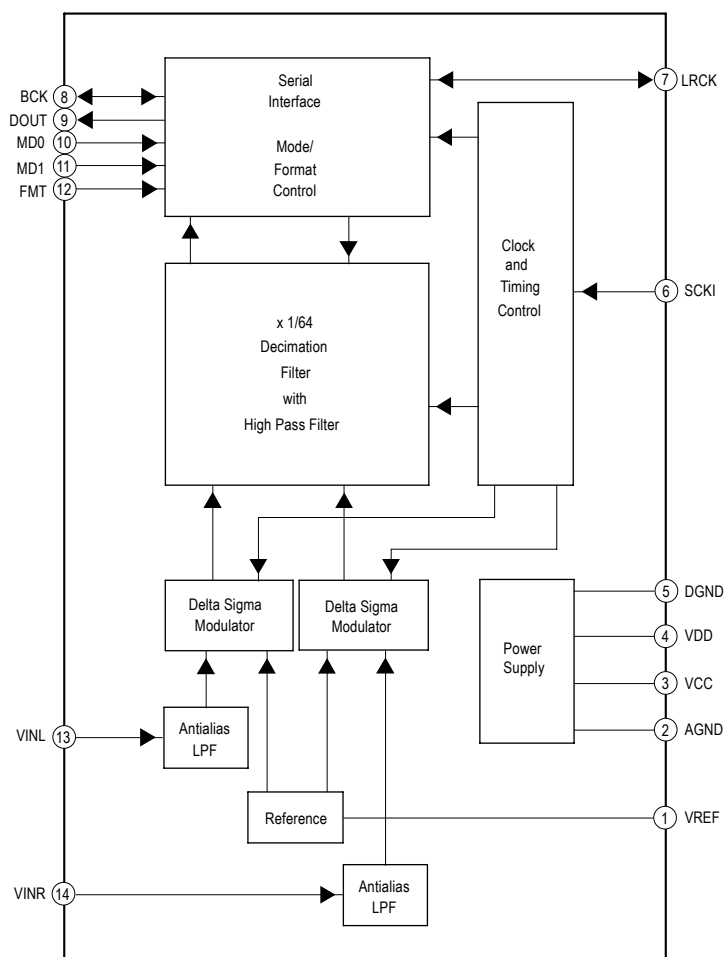
- IC600 IC STK350-530T-E (MAIN BOARD (1/4))
- IC601 IC STK350-530T-E (MAIN BOARD (1/4))
- IC602 IC STK350-530T-E (MAIN BOARD (2/4))
- IC603 IC STK350-530T-E (MAIN BOARD (2/4))



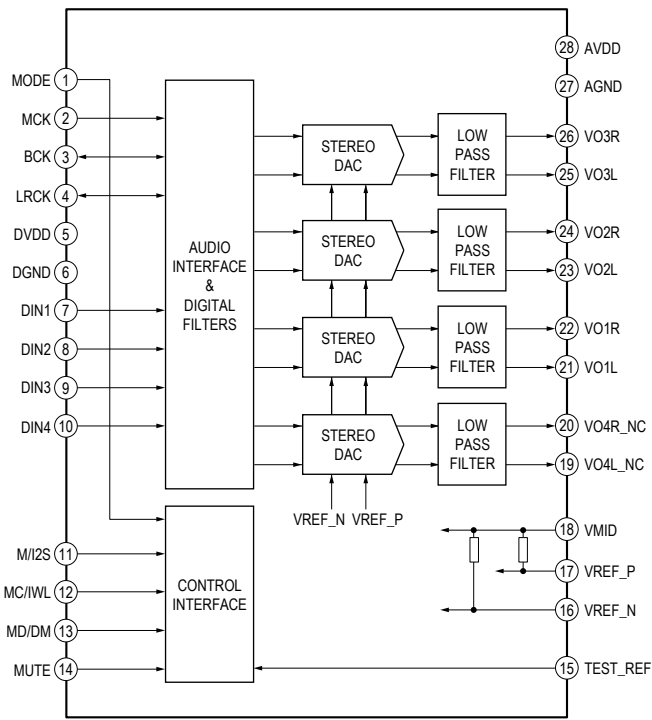
IC2011 TC74VHC393FT(EL) (DIGITAL BOARD (3/4))



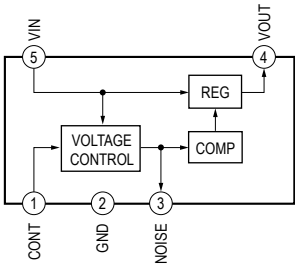
IC2019 PCM1808PWR (DIGITAL BOARD (4/4))



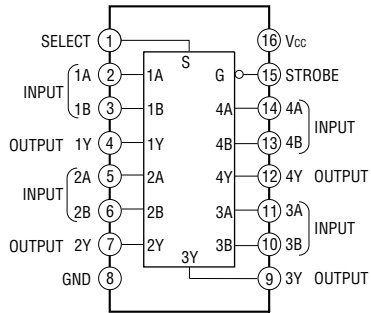
IC2020 WM8768GEDS/R (DIGITAL BOARD (4/4))



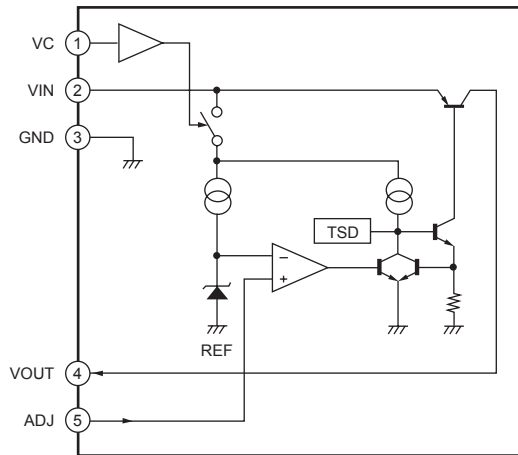
IC2000 TK11150CSCL-G (DIGITAL BOARD (4/4))
IC3516 TK11150CSCL-G (HDMI RE BOARD (2/2))



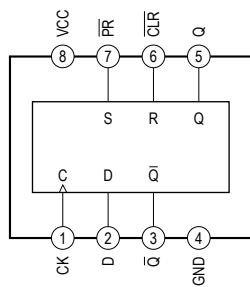
IC2005 IC TC74VHC157FT (EKJ) (DIGITAL BOARD (3/4))
IC2023 IC TC74VHC157FT (EL) (DIGITAL BOARD (3/4))



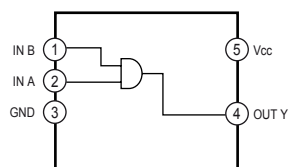
IC2008 SI-3050KM-TLS (DIGITAL BOARD (4/4))
 IC2009 SI-3050KM-TLS (DIGITAL BOARD (1/4))
 IC3526 IC SI-3010KM-TLS (HDMI RE BOARD (2/2))
 IC3528 IC SI-3010KM-TLS (HDMI RE BOARD (2/2))



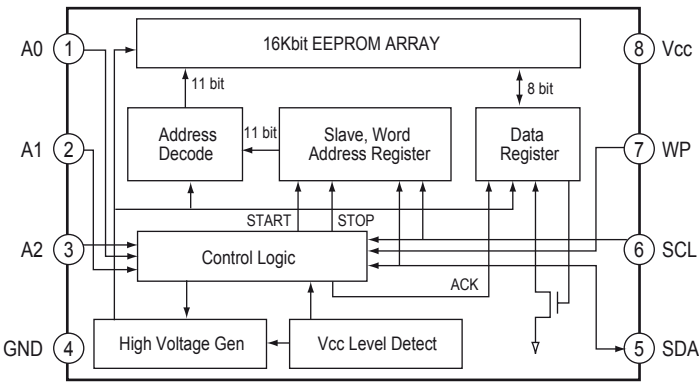
IC2010 TC74WH74FU(TE12R) (DIGITAL BOARD (3/4))



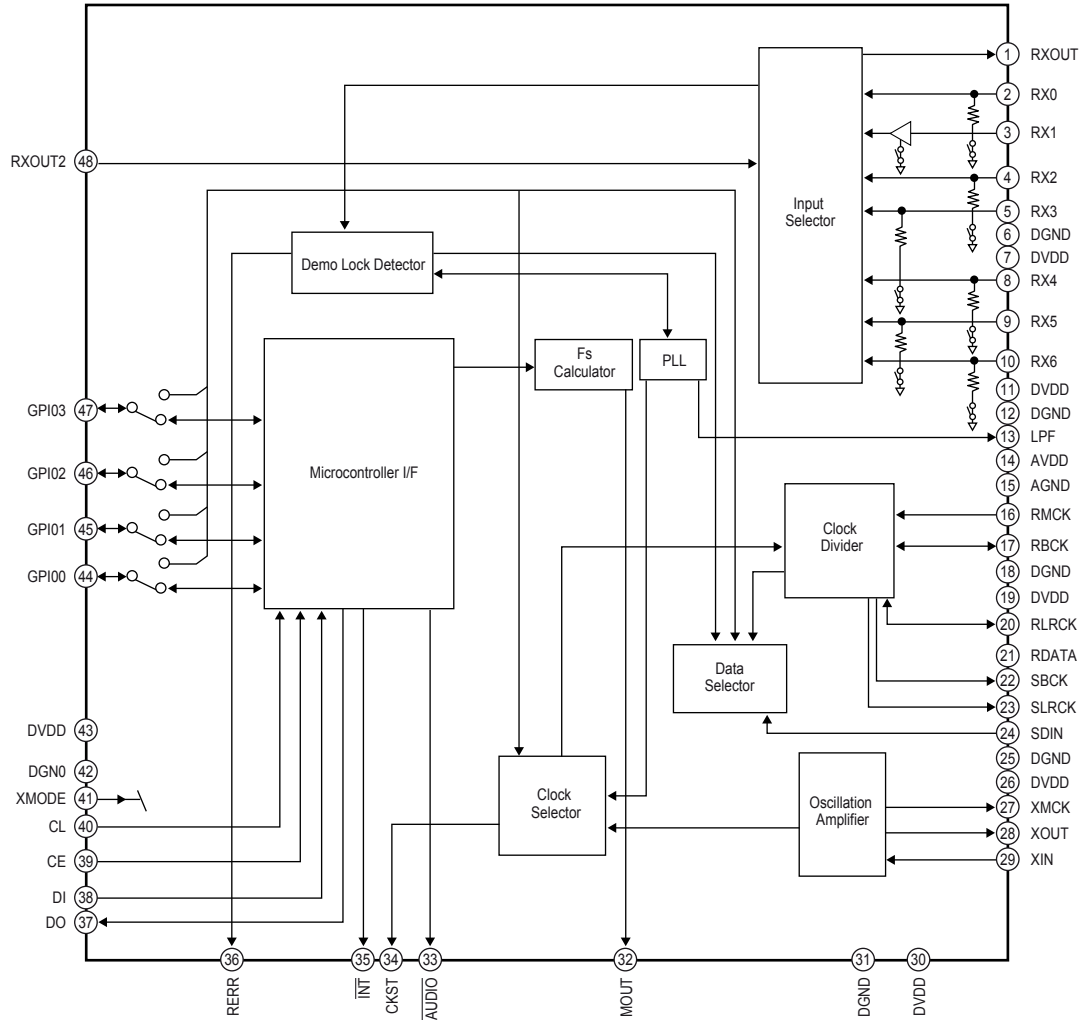
IC2030 IC TC7SET08FU (T5RSOJF) (DIGITAL BOARD (4/4))
 IC2031 IC TC7SET08FU (T5RSOJF) (DIGITAL BOARD (4/4))
 IC2032 IC TC7SH08FU (T5RSOYJF) (DIGITAL BOARD (4/4))

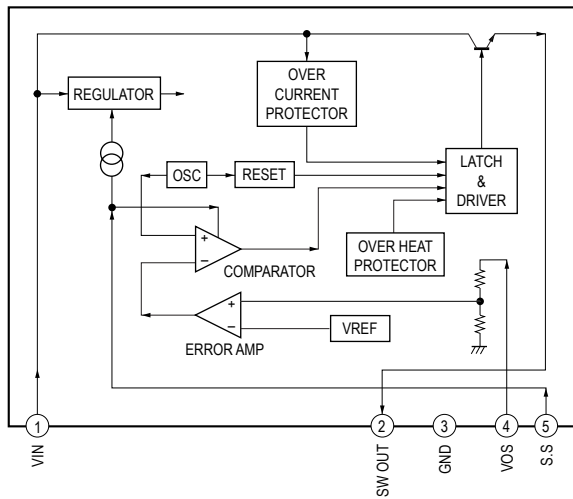
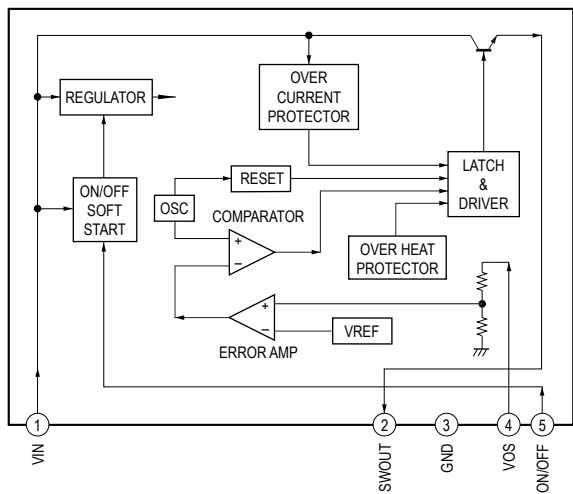
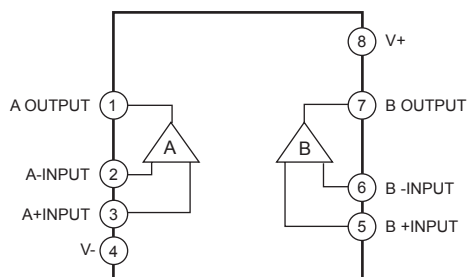


IC2014 IC BR24S16FJ-WE2 (DIGITAL BOARD (2/4))

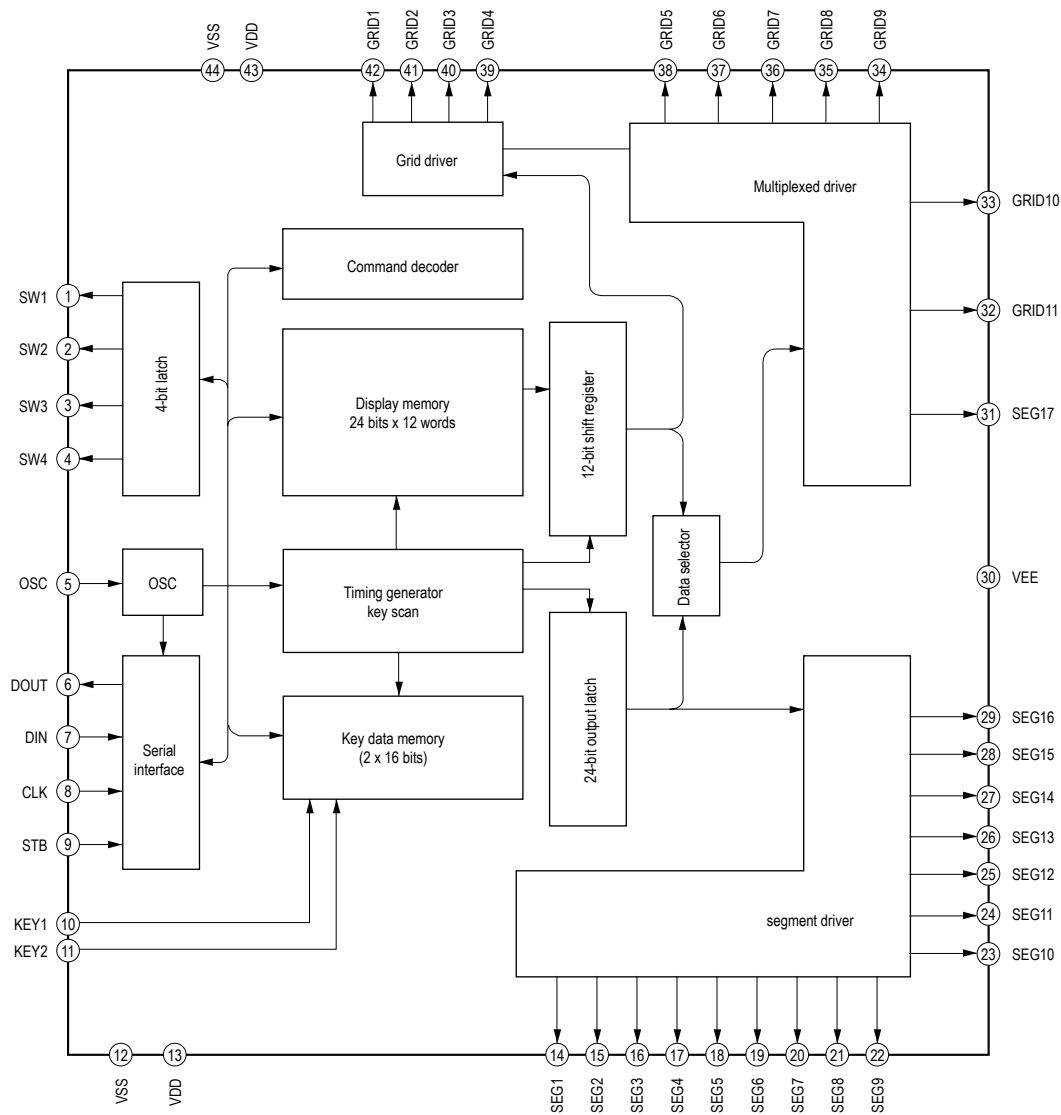


IC2015 IC LC89058W-E (DIGITAL BOARD (4/4))

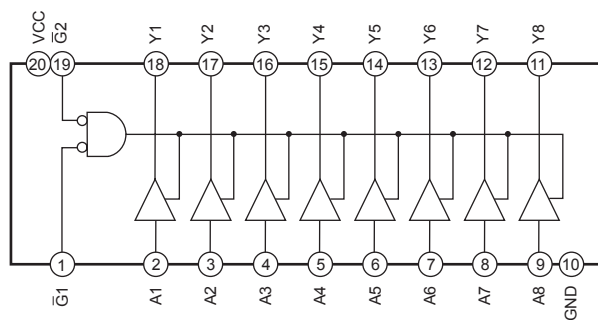


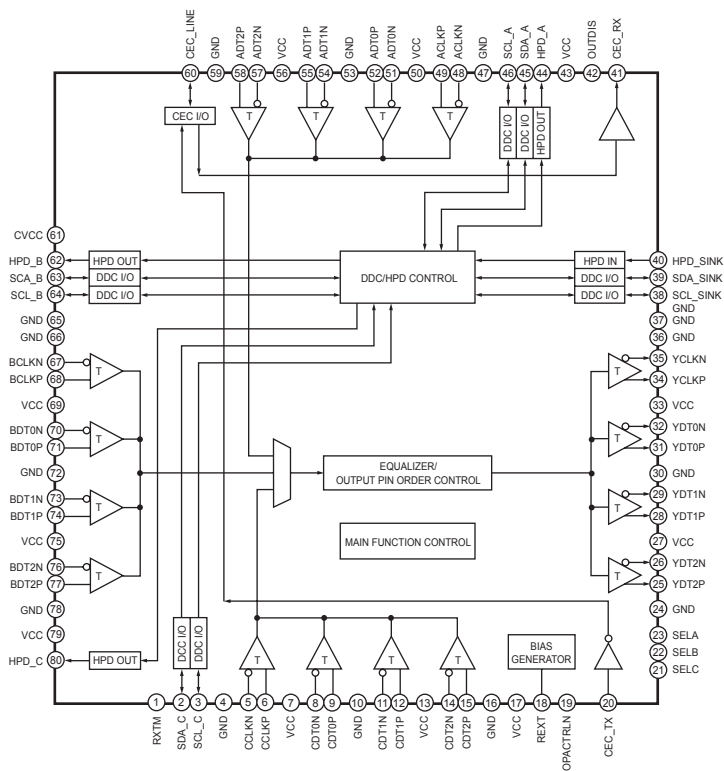
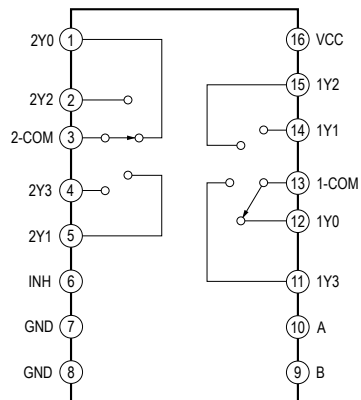
IC980 SI-8050S-LF1101 (STANDBY DCDC BOARD)**IC990 SI-8033S (STANDBY DCDC BOARD)****IC800 IC NJM4565M (TE2) (CONNECTION BOARD)****IC811 IC NJM4565M (TE2) (CONNECTION BOARD)****IC106 IC NJM4565M (TE2) (DISPLAY BOARD)****IC180 IC NJM4565M (TE2) (DISPLAY BOARD)**

IC100 PT6315 (DISPLAY BOARD)

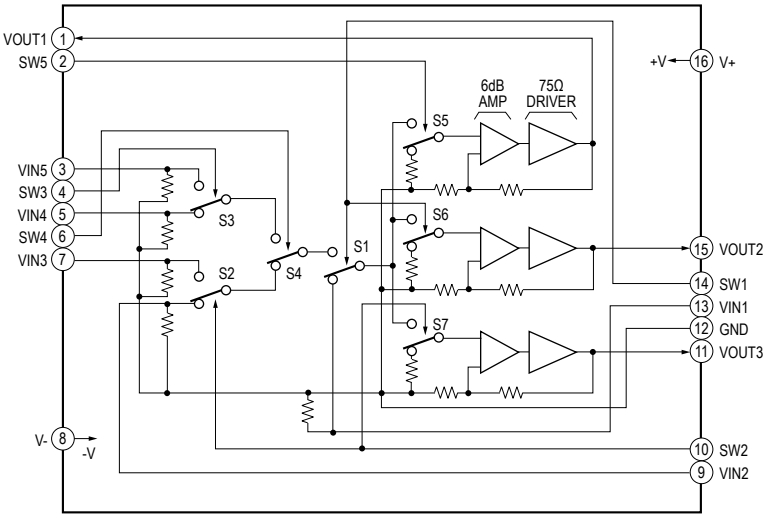


IC3532 IC TC74VHC541FT (EKJ) (HDMI RE BOARD (2/2))

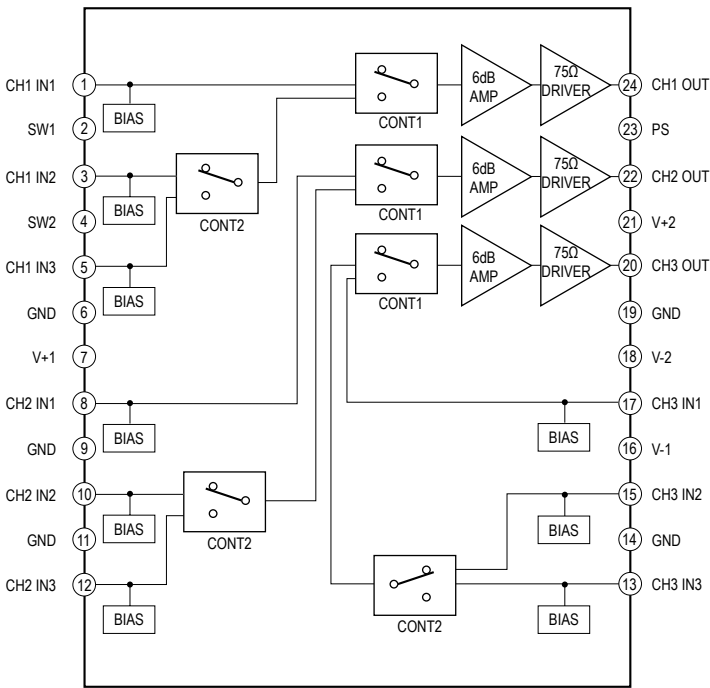


IC3503 IC CXB1444R-T6 (HDMI RE BOARD (1/2))
IC3521 SN74LV4052APWR (HDMI RE BOARD (1/2))
IC3504 SN74LV4052APWR (HDMI RE BOARD (1/2))


IC210 NJM2595M-TE2 (VIDEO BOARD)



IC220 NJM2586AM (VIDEO BOARD)



• IC Pin Function Descriptions

DIGITAL BOARD (1/3) IC2006 ADSP21266SKSTZ-2C (DSP EX3)

Pin No.	Pin Name	I/O	Description
1	VDDINT	—	Power supply pin (+1.2 V)
2	CLKCFG0	I	Clock frequency setting signal input 0 (Fixed at L)
3	CLKCFG1	I	Clock frequency setting signal input 1 (Fixed at H)
4	BOOTCFG0	I	Boot mode setting signal input 0 for DASP IC (Fixed at H)
5	BOOTCFG1	I	Boot mode setting signal input 1 for DASP IC (Fixed at H)
6	GND	—	Ground
7	VDDEXT	—	Power supply pin (+3.3 V)
8	GND	—	Ground
9	VDDINT	—	Power supply pin (+1.2 V)
10	GND	—	Ground
11	VDDINT	—	Power supply pin (+1.2 V)
12	GND	—	Ground
13	VDDINT	—	Power supply pin (+1.2 V)
14	GND	—	Ground
15	FLAG0	O	Interruption request signal output for SYSTEM CONTROL IC
16	FLAG1	O	PLL lock error signal output and data error flag signal output for SYSTEM CONTROL IC
17	AD7	I/O	Not used (Open)
18	GND	—	Ground
19	VDDINT	—	Power supply pin (+1.2 V)
20	GND	—	Ground
21	VDDEXT	—	Power supply pin (+3.3 V)
22	GND	—	Ground
23	VDDINT	—	Power supply pin (+1.2 V)
24 to 26	AD6 to AD4	I/O	Not used (Open)
27	VDDINT	—	Power supply pin (+1.2 V)
28	GND	—	Ground
29, 30	AD3, AD2	I/O	Not used (Open)
31	VDDEXT	—	Power supply pin (+3.3 V)
32	GND	—	Ground
33, 34	AD1, AD0	I/O	Not used (Open)
35	WR*	O	Not used (Open)
36, 37	VDDINT	—	Power supply pin (+1.2 V)
38	GND	—	Ground
39	$\overline{\text{RD}}$	O	Not used (Open)
40	ALE	O	Not used (Open)
41 to 43	AD15 to AD13	I/O	Not used (Open)
44	GND	—	Ground
45	VDDEXT	—	Power supply pin (+3.3 V)
46	AD12	I/O	Not used (Open)
47	VDDINT	—	Power supply pin (+1.2 V)
48	GND	—	Ground
49 to 52	AD11 to AD8	I/O	Not used (Open)
53	A16 DAI_P1	O	Not used (Open)
54	VDDINT	—	Power supply pin (+1.2 V)
55	GND	—	Ground
56, 57	A17 DAI_P2, A18 DAI_P3	O	Not used (Open)
58	GND	—	Ground
59	VDDEXT	—	Power supply pin (+3.3 V)
60	VDDINT	—	Power supply pin (+1.2 V)
61	GND	—	Ground
62	PF_CE DAI_P4	I/O	Not used (Open)
63	SPI_MAS DAI_P5	O	Not used (Open)
64	DPSOA DAI_P6(L&R)	O	PCM audio signal output

Pin No.	Pin Name	I/O	Description
65	DPSOB DAI_P7(SL&SR)	O	PCM audio signal output
66	VDDINT	—	Power supply pin (+1.2 V)
67	GND	—	Ground
68	VDDINT	—	Power supply pin (+1.2 V)
69	GND	—	Ground
70	DPSOC DAI_P8(C&SW)	O	PCM audio signal output
71	DPSOD DAI_P9(SBL&SBR)	O	PCM audio signal output
72	VDDINT	—	Power supply pin (+1.2 V)
73	VDDEXT	—	Power supply pin (+3.3 V)
74	GND	—	Ground
75	VDDINT	—	Power supply pin (+1.2 V)
76	GND	—	Ground
77	DAI_P10 DPSOE	O	Not used (Open)
78	DAI_P11 DPSIA	I	PCM audio signal input
79	DAI_P12 DPSIB	I	PCM audio signal input
80	DAI_P13 DPSIC	I	PCM audio signal input
81	DAI_P14 DPSID	I	PCM audio signal input
82	DAI_P15 DPSIE	I	PCM audio signal input
83	VDDINT	—	Power supply pin (+1.2 V)
84, 85	GND	—	Ground
86	DAI_P16 DPDVLRCK	O	L/R sampling clock (44.1 kHz) signal output for PCM audio signal output
87	DAI_P17 DPDVBCK	O	Bit clock (2.8224 MHz) signal output for PCM audio signal output
88	DAI_P18 DPLRCK	I	L/R sampling clock (44.1 kHz) signal input from PCM audio signal input
89	DAI_P19 DPBCK	I	Bit clock (2.8224 MHz) signal input from PCM audio signal input
90	VDDINT	—	Power supply pin (+1.2 V)
91, 92	GND	—	Ground
93	VDDEXT	—	Power supply pin (+3.3 V)
94	DAI_P20 DPFSCK	I	Master clock signal input
95	GND	—	Ground
96	VDDINT	—	Power supply pin (+1.2 V)
97	FLAG2 NONAUDIO*	I	Digital input signal select control signal input
98	FLAG3 SF_CE*	O	Not used (Open)
99	VDDINT	—	Power supply pin (+1.2 V)
100	GND	—	Ground
101	VDDINT	—	Power supply pin (+1.2 V)
102	GND	—	Ground
103	VDDINT	—	Power supply pin (+1.2 V)
104	GND	—	Ground
105	VDDINT	—	Power supply pin (+1.2 V)
106	GND	—	Ground
107, 108	VDDINT	—	Power supply pin (+1.2 V)
109	GND	—	Ground
110	VDDINT	—	Power supply pin (+1.2 V)
111	GND	—	Ground
112	VDDINT	—	Power supply pin (+1.2 V)
113	GND	—	Ground
114	VDDINT	—	Power supply pin (+1.2 V)
115	GND	—	Ground
116	VDDEXT	—	Power supply pin (+3.3 V)
117	GND	—	Ground
118	VDDINT	—	Power supply pin (+1.2 V)
119	GND	—	Ground
120	VDDINT	—	Power supply pin (+1.2 V)

Pin No.	Pin Name	I/O	Description
121	$\overline{\text{RESET}}$	I	System reset signal input from SYSTEM CONTROL IC
122	$\overline{\text{SPIDS}}$	I	Serial data latch pulse signal input from SYSTEM CONTROL IC
123	GND	—	Ground
124	VDDINT	—	Power supply pin (+1.2 V)
125	SPICLK	I	Serial data transfer clock signal input from SYSTEM CONTROL IC
126	MISO	O	Serial data output for SYSTEM CONTROL IC
127	MOSI	I	Serial data input from SYSTEM CONTROL IC
128	GND	—	Ground
129	VDDINT	—	Power supply pin (+1.2 V)
130	VDDEXT	—	Power supply pin (+3.3 V)
131	AVDD	—	Power supply pin (+1.2 V)
132	AVSS	—	Ground
133	GND	—	Ground
134	CLKOUT	—	Not used (Open)
135	EMU	—	Not used (Open)
136	TDO	—	Not used (Open)
137	TDI	—	Not used (Fixed at L)
138	$\overline{\text{TRST}}$	—	Not used (Fixed at L)
139	TCK	—	Not used (Fixed at L)
140	TMS	—	Not used (Fixed at L)
141	GND	—	Ground
142	CLKIN	I	System clock input (25 MHz)
143	XTAL	O	System clock output (25 MHz)
144	VDDEXT	—	Power supply pin (+3.3 V)

HDMI RE BOARD (1/2) IC3511 SII9013CLU (HDMI RX)

Pin No.	Pin Name	I/O	Description
1	VSYNC	O	Vertical synchronize signal output for HDMI TX.
2 to 5	QO23 to QO20	—	Not used (Open)
6	IOGND	—	Ground
7	IOVCC	—	Power supply pin (+3.3 V)
8 to 11	QO19 to QO16	—	Not used (Open)
12	CVCC18	—	Power supply pin (+1.8 V)
13	CGND	—	Ground
14 to 17	QO15 to QO12	—	Not used (Open)
18	IOGND	—	Ground
19	IOVCC	—	Power supply pin (+3.3 V)
20 to 23	QO11 to QO8	—	Not used (Open)
24	CVCC18	—	Power supply pin (+1.8 V)
25	CGND	—	Ground
26 to 29	QO7 to QO4	—	Not used (Open)
30	IOGND	—	Ground
31	IOVCC	—	Power supply pin (+3.3 V)
32 to 35	QO3 to QO0	—	Not used (Open)
36	CVCC18	—	Power supply pin (+1.8 V)
37	CGND	—	Ground
38	CI2CA	—	Not used (Fixed at L)
39	CSDA	I/O	I2C two-way data bus with HDMI section.
40	CSCL	I	I2C clock signal input from HDMI controller.
41	DSDA	I/O	I2C two-way data bus with HDMI input select.
42	DSDL	I	I2C clock signal input from HDMI input select.
43	NC	—	Not used (Open)
44	PWR5V	I	HDMI SAT IN, DVD IN, BD IN and OUT connector detect signal input
45	CVCC18	—	Power supply pin (+1.8 V)
46	PGND	—	Ground
47	PVCC	—	Power supply pin (+3.3 V)
48	RSVD	—	Not used (Open)
49	AVCC	—	Power supply pin (+3.3 V)
50	RXC-	I	TMDS clock signal input from HDMI SAT IN, DVD IN, BD IN and OUT connector.
51	RXC+	I	TMDS clock signal input from HDMI SAT IN, DVD IN, BD IN and OUT connector.
52	AGND	—	Ground
53	AVCC	—	Power supply pin (+3.3 V)
54	RX0-	I	TMDS data input 0 from HDMI SAT IN, DVD IN, BD IN and OUT connector.
55	RX0+	I	TMDS data input 0 from HDMI SAT IN, DVD IN, BD IN and OUT connector.
56	AGND	—	Ground
57	AVCC	—	Power supply pin (+3.3 V)
58	RX1-	I	TMDS data input 1 from HDMI SAT IN, DVD IN, BD IN and OUT connector.
59	RX1+	I	TMDS data input 1 from HDMI SAT IN, DVD IN, BD IN and OUT connector.
60	AGND	—	Ground
61	AVCC	—	Power supply pin (+3.3 V)
62	RX2-	I	TMDS data input 2 from HDMI SAT IN, DVD IN, BD IN and OUT connector.
63	RX2+	I	TMDS data input 2 from HDMI SAT IN, DVD IN, BD IN and OUT connector.
64	AGND	—	Ground
65	DGND	—	Ground
66	DVCC18	—	Power supply pin (+1.8 V)
67	MUTE	O	Audio muting signal output
68	IOVCC	—	Power supply pin (+3.3 V)
69	IOGND	—	Ground
70	SPDIF	O	SPDIF signal output for digital audio interface and HDMI TX.
71 to 74	SD3 to SD0	O	Serial data output for DSP and HDMI TX.
75	WS	O	Word select signal output for DSP and HDMI TX.
76	SCK	O	Serial clock signal output for DSP and HDMI TX.

Pin No.	Pin Name	I/O	Description
77	IOVCC	—	Power supply pin (+3.3 V)
78	IOGND	—	Ground
79	MCLK	O	Audio master clock signal output for DSP and HDMI TX.
80	CGND	—	Ground
81	CVCC18	—	Power supply pin (+1.8 V)
82	AUDPVCC18	—	Power supply pin (+1.8 V)
83	AUDPGND	—	Ground
84	XTALOUT	O	System clock output (28.322 MHz)
85	XTALIN	I	System clock input (28.322 MHz)
86	XTALVCC	—	Power supply pin (+3.3 V)
87	REGVCC	—	Power supply pin (+3.3 V)
88	RSVDL	—	Not used (Fixed at L)
89	RESET	I	Reset signal input from HDMI controller. (L: Reset)
90	SCDT	—	Not used (Open)
91	INT	O	Interrupt signal output for HDMI controller.
92 to 96	QE23 to QE19	O	Serial data output 23 to 19 for HDMI TX, video processor and D/A converter.
97	IOGND	—	Ground
98	IOVCC	—	Power supply pin (+3.3 V)
99 to 105	QE18 to QE12	O	Serial data output 18 to 12 for HDMI TX, video processor and D/A converter.
106	IOGND	—	Ground
107	IOVCC	—	Power supply pin (+3.3 V)
108 to 111	QE11 to QE8	O	Serial data output 11 to 8 for HDMI TX, video processor and D/A converter.
112	CVCC18	—	Power supply pin (+1.8 V)
113	CGND	—	Ground
114 to 117	QE7 to QE4	O	Serial data output 7 to 4 for HDMI TX, video processor and D/A converter.
118	IOGND	—	Ground
119	ODCK	O	Output data clock signal output for HDMI TX.
120	IOVCC	—	Power supply pin (+3.3 V)
121 to 124	QE3 to QE0	O	Serial data output 3 to 0 for HDMI TX, video processor and D/A converter.
125	CVCC18	—	Power supply pin (+1.8 V)
126	CGND	—	Ground
127	DE	O	Data enable signal output for HDMI TX.
128	HSYNC	O	Horizontal synchronize signal output for HDMI TX.

HDMI RE BOARD (2/2) IC3513 SII9030CTU-7 (HDMI TX)

Pin No.	Pin Name	I/O	Description
1	HSYNC	I	Horizontal synchronize signal input from HDMI RX.
2	VSYSN	I	Vertical synchronize signal input from HDMI RX.
3	CGND	—	Ground
4	CVCC18	—	Power supply terminal (+1.8 V)
5	SPDIF	I	SPDIF signal input from HDMI RX.
6	MCLK	I	Audio master clock signal input from HDMI RX.
7 to 10	SD3 to SD0	I	Serial data input from HDMI RX.
11	WS	I	Word select signal input from HDMI RX.
12	SCK	I	Serial clock signal input from HDMI RX.
13	IOVCC	—	Power supply terminal (+3.3 V)
14	IOGND	—	Ground
15	CGND	—	Ground
16	CVCC18	—	Power supply terminal (+1.8 V)
17	INT	O	Interrupt signal output for HDMI controller.
18	HPD	I	Hot plug detect signal input from HDMI OUT connector.
19	DSDA	I/O	I2C two-way data bus with HDMI OUT connector.
20	DSCL	O	I2C clock signal output for HDMI OUT connector.
21	RSVDL	—	Not used. (Fixed at L)
22	PGND1	—	Ground
23	PVCC1	—	Power supply terminal (+3.3 V)
24	EXT_SWING	—	Not used. (Fixed at H)
25	AGND	—	Ground
26	TXC—	O	TMDS clock signal output for HDMI OUT connector.
27	TXC+	O	TMDS clock signal output for HDMI OUT connector.
28	AVCC	—	Power supply terminal (+3.3 V)
29	TX0—	O	TMDS data output 0 for HDMI OUT connector.
30	TX0+	O	TMDS data output 0 for HDMI OUT connector.
31	AGND	—	Ground
32	TX1—	O	TMDS data output 1 for HDMI OUT connector.
33	TX1+	O	TMDS data output 1 for HDMI OUT connector.
34	AVCC	—	Power supply terminal (+3.3 V)
35	TX1—	O	TMDS data output 2 for HDMI OUT connector.
36	TX1+	O	TMDS data output 2 for HDMI OUT connector.
37	AGND	—	Ground
38	PVCC2	—	Power supply terminal (+3.3 V)
39	PGND2	—	Ground
40	NC	—	Not used. (Open)
41	CI2CA	—	Not used. (Fixed at L)
42	RESET	I	Reset signal input from HDMI controller. (L: Reset)
43	CSCL	I	I2C clock signal input from HDMI controller.
44	CSDA	I/O	I2C two-way data bus with HDMI section.
45	CVCC18	—	Power supply terminal (+1.8 V)
46	CGND	—	Ground
47	IOGND	—	Ground
48	IOVCC	—	Power supply terminal (+3.3 V)
49 to 58	D23 to D14	I	Serial data input 23 to 14 from HDMI RX and video processor.
59	CVCC18	—	Power supply terminal (+1.8 V)
60	CGND	—	Ground
61 to 65	D13 to D9	I	Serial data input 13 to 9 from HDMI RX and video processor.
66	IDCK	I	Output data clock signal input from HDMI RX.
67 to 70	D8 to D5	I	Serial data input 8 to 5 from HDMI RX and video processor.
71	IOVCC	—	Power supply terminal (+3.3 V)
72	IOGND	—	Ground
73	CGND	—	Ground
74	CVCC18	—	Power supply terminal (+1.8 V)

Pin No.	Pin Name	I/O	Description
75 to 79	D4 to D0	I	Serial data input 4 to 0 from HDMI RX and video processor.
80	DE	I	Data enable signal input from HDMI RX.

DIGITAL BOARD IC2007 MB91353APMT-G-123E1 (SYSTEM CONTROL)

Pin No.	Pin Name	I/O	Description
1	COM_CLK	O	Data clock signal output for DIR IC and 8 CH DAC IC
2	COM_DATA	O	Data output for DIR IC and 8 CH DAC IC
3	FL_RESET	O	Not Used
4	HP_RY	O	Headphone relay driver control signal output
5	HP_DETECT	I	Headphone detection signal input
6	BRIDGEABLE_RY	O	Bridgeable relay control signal output
7	FL_LAT	O	Latch signal output for FL DISPLAY DRIVER IC
8	FL_CLK	O	Clock signal output for FL DISPLAY DRIVER IC
9	FL_DATA	O	Serial data output for FL DISPLAY DRIVER IC
10	TUNING A	I	TUNING +/- encoder (A) signal input
11	TUNING B	I	TUNING +/- encoder (B) signal input
12	TUNE_LAT	O	Serial latch signal output for tuner pack
13	TUNE_DI	O	Serial data output for tuner pack
14	T_CLK	O	Clock signal output for tuner pack
15	TUNE_DO	I	Tuner IF data input from tuner pack
16	HDMI_REG_CTRL	O	HDMI regulator control signal output
17	DSP_SEL	O	DSP select signal output
18	VSS	—	Ground
19	VCC	—	Power supply pin (+3.3 V)
20	RDS DATA	I	RDS data input (AEP, UK model)
21 to 24	V_SW4 to V_SW1	O	Video select signal output for COMPONENT VIDEO SELECT IC
25, 26	COMP_S1, COMP_S2	O	Component video select signal output for COMPONENT VIDEO SELECT IC
27	PS(V-MUTE)	O	Video mute signal output for COMPONENT VIDEO SELECT IC
28	CEC_OUT	O	CEC signal output
29	FUSE_DETECT	I	Fuse open detection signal input
30	HDMI_ERR	I	Error detection signal input from HDMI CONTROL IC
31	DAC_LAT	O	Latch signal output for DAC
32	DAC_MUTE	O	Mute signal output for 8CH DAC IC
33	RDS_SIGNAL	I	TUNER SD signal detection input
34	VOL_DA	O	Serial data output for DIR IC
35	VOL_CL	O	Clock signal output for DIR IC
36	PROTECTOR	I	Protector detection signal input
37	SUB_TRANS	O	Sub transformer voltage detection signal output
38	DIR_XMODE(RESET)	O	System reset (Xmode) signal output for DIR IC
39	DIRCKST	O	Clock select signal output for DIR IC
40	VSS	—	Ground
41	I2C_SCL	I/O	Two way I2C clock bus with the S-AIR connector
42	I2C_SDA	I/O	Two way I2C data bus with the S-AIR connector
43	VSS	—	Ground
44	VCC	—	Power supply pin (+3.3 V)
45	SRC_MUTE	O	Sampling rate converter muting control signal output terminal to S-AIR connector.
46	POWER_RY	O	Power relay control signal output
47	DIR_CE(LAT)	O	Latch signal output for DIR IC
48	DIR_DO	I	Data input from DIR IC
49	DIR_ERROR	I	Error detection signal input from DIR IC
50	HDMI_FSRATE	I	FSRATE signal input
51	NMI	—	Not used (Fixed at H)
52	MD2	—	Selection of micon operation mode (Fixed at H)
53, 54	MD1, MD0	—	Selection of micon operation mode (Connect to VSS)
55	INIT	—	External reset signal input
56	VCC	—	Power supply pin (+3.3 V)
57	X1	—	Clock signal output (12.5 MHz)
58	X0	—	Clock signal input (12.5 MHz)
59	VSS	—	Ground
60	X0A	—	Not used (Connect to VSS)

Pin No.	Pin Name	I/O	Description
61	X1A	—	Not used (Open)
62	RST_TRG	I	Reset trigger signal input
63	DIR_DATA0	I	Serial data input from DIR IC
64	DSP_RESET	O	System reset signal output for DSP EX3 IC
65	DSP_SPIDS(LAT)	O	Serial data latch pulse signal output for DSP EX3 IC
66	ADC_SEL	O	Front signal select to S-AIR connector
67	SAIR_RESET	O	Reset signal output to the S-AIR connector
68	SAIR_DET	I	S-AIR transmitter connection detection signal input from the S-AIR connector
69	FRONT A RY	O	FRONT A speaker relay driver control signal output
70	SW RY	O	SUB WOOFER speaker relay driver control signal output
71	C/SUR	O	CENTER/SURROUND speaker relay driver control signal output
72	SB RY	O	SURROUND BACK L-ch/R-ch speaker relay driver control signal output
73	DSP MISO	I	Serial data input from DSP EX3 IC
74	DSP MOSI	O	Serial data output for DSP EX3 IC
75	DSP SPICLK	O	Serial data transfer clock signal output for DSP EX3 IC
76	VSS	—	Ground
77	VCC	—	Power supply pin (+3.3 V)
78	EEPROM CLK	O	Clock signal output for EEPROM IC
79	VOL_JOG(2B)	I	MASTER VOLUME encoder (B) signal input
80	VOL_JOG(2A)	I	MASTER VOLUME encoder (A) signal input
81	DSPINT	I	Interrupt status signal input from DSP EX3 IC
82	DCAC_DSP_IN	I	External Interrupt signal input from DSP EX3 IC
83	STOP	I	AC off detection signal input
84	SIRCS_IN	I	SIRCS signal input
85	POWER KEY	I	Power key detection signal input
86	RDS INT	I	RDS data clock signal input (AEP model)
87	SAIR_INT	I	Interruot signal input from S-AIR connector
88	CEC IN	I	CEC signal input
89	HDMI_UART_RX	I	DMPort receiver signal input
90	HDMI_UART_TX	O	DMPort transmitter signal output
91	HDMI RESET	O	System reset signal output for HDMI CONTROL IC
92	SIRIUS_MIST	I	Serial data input from the SIRIUS connector
93	SIRIUS_SIMT	O	Serial data output to the SIRIUS connector
94	PWR_EN	O	Power enable signal output to the SIRIUS connector
95	VCC	—	Power supply pin (+3.3 V)
96	VSS	—	Ground
97	INPUT ENCODER B	I	INPUT SELECTOR encoder (B) signal input
98	EEPROM DATA	I/O	Serial data input from EEPROM IC
99	CLINK TX	I	DMPort receiver signal input from 8CH DAC IC
100	CLINK RX	O	DMPort transmitter signal output for 8CH DAC IC
101	CLINK DET	I	DMPort detection signal input from 8CH DAC IC
102	FLASH2	O	Flash programming signal input
103	FLASH1	O	Flash programming signal output
104	INPUT ENCODER A	I	INPUT SELECTOR encoder (A) signal input
105, 106	NO USE	O	Not used (Open)
107	DSVS(VSS)	—	Ground for D/A converter
108	DAVC(3.3V)	—	Power supply pin (+3.3 V) for D/A converter
109	AVCC(3.3V)	—	Analog power supply pin (+3.3 V) for A/D converter
110	AVRH(3.3V)	—	Standard power supply pin (+3.3 V) for A/D converter
111	AVSS/AVRL(VSS)	—	Analog ground for A/D converter
112	VSS(GND)	—	Ground
113, 114	AD KEY1, AD KEY2	I	Key signal input (A/D port)
115	DCAC_IN	I	AUTO CAL MIC analog signal input
116	VERSION	I	Destination detection signal input (L: US, Canadian model, H: AEP model)
117	LIMITER	I	Limiter signal input
118	THERMAL_1	I	Thermal sensor 1 temp signal input

STR-DH700

Pin No.	Pin Name	I/O	Description
119	VACS_CTRL	I	Not used (Fixed at L)
120	THERMAL_2	I	Thermal sensor 2 temp signal input

HDMI RE BOARD IC3519 R5F3640DDFBR-128



Pin No.	Pin Name	I/O	Description
1	POWER_MONITOR 1	I	Power supply voltage (+9V) monitor signal input terminal for protect
2	SIRCS_IN	I	SIRCS signal input from the remote control receiver
3, 4	—	—	Not used
5	POWER_MONITOR 2	I	Power supply voltage (+5.2V) monitor signal input terminal for protect
6	BYTE	I	Not used
7	CNVss	I	Not used
8, 9	—	—	Not used
10	RESET	I	System reset signal input from the reset switch "L": reset
11	Xout	O	System clock output terminal (5 MHz)
12	Vss	—	Ground terminal
13	Xin	I	System clock input terminal (5 MHz)
14	Vcc1	—	Power supply terminal (+3.3V)
15	NMI	I	Not used
16, 17	—	—	Not used
18	AC_CUT	I	AC cut on/off detection signal input terminal "L": AC cut on
19 to 21	—	—	Not used
22	LED_ILLUMI	O	LED drive signal output terminal for illumination "H": LED on
23, 24	—	—	Not used
25	iPod_ACCP	I	System wake up signal input terminal
26	iPod_CP_RESET	O	System reset signal output to the EEPROM "L": reset
27	iPod_CP_CLK	I/O	Two-way serial clock bus with the EEPROM
28	iPod_CP_DATA	I/O	Two-way serial data bus with the EEPROM
29	TXD1/FLASH	—	Not used
30	RXD1/FLASH	—	Not used
31	CLK/FLASH	—	Not used
32	RTS1/FLASH	—	Not used
33	iPod_TX	O	Serial data output to the iPod connector
34	iPod_RX	I	Serial data input from the iPod connector
35	CLK	—	Not used
36	RTS	—	Not used
37	O_POWER	O	Main power on/off control signal output terminal
38	—	—	Not used
39	EPM	—	Not used
40	FL_CLK/LED_CLK	O	Serial data transfer clock signal output to the FL driver
41	FL_STB	O	Chip select signal output to the FL driver
42	FL_D_OUT/LED_DATA	O	Serial data output to the FL driver
43	—	—	Not used
44	CE	—	Not used
45	EEPROM_SDA/ I2C_DATA	I/O	Two-way serial data bus with the EEPROM
46	EEPROM_SCL/ I2C_CLK	I/O	Two-way serial clock bus with the EEPROM
47, 48	—	—	Not used
49	iPod_FLAG	I	Protect signal input terminal
50	iPod_LINE_MUTE	O	Muting on/off control signal output terminal for the iPod audio
51	iPod_VIDEO_SW	O	Video switch signal output terminal
52	iPod_DET	I	iPod detection signal input terminal
53	iPod_POWER	O	Power on/off control signal output terminal for the iPod
54	—	—	Not used
55	iPHONE DET CTL	O	iPhone accessory detect control signal output terminal
56	S-AIR_RST(SRC RST)	O	System reset signal output to the EZW-RT10 "L": reset
57	S-AIR_POWER	O	Power on/off control signal output terminal for the EZW-RT10
58, 59	—	—	Not used
60	Vcc2	—	Power supply terminal (+3.3V)
61	—	—	Not used
62	Vss	—	Ground terminal


Pin No.	Pin Name	I/O	Description
63	—	—	Not used
64	S-AIR_DET	I	EZW-RT10 detection signal input terminal
65	S-AIR_GPIO2	I	Interrupt request signal input from the EZW-RT10
66	TUNED	I	Tuned detection signal input from the tuner (FM/AM)
67	ST_CLK	O	Serial data transfer clock signal output to the tuner (FM/AM)
68	ST_DO	I	Serial data input from the tuner (FM/AM)
69	ST_CE	O	Chip enable signal output to the tuner (FM/AM)
70	ST_DI	O	Serial data output to the tuner (FM/AM)
71	—	—	Not used
72	ST_MUTE	O	Muting on/off control signal output terminal for the tuner
73	RDS_CLK	I	RDS serial data transfer clock signal input terminal Not used
74	RDS_DATA	I	RDS serial data input terminal Not used
75	S-AIR_I2C_SDA	I/O	Two-way serial data bus with the EZW-RT10
76	S-AIR_I2C_SCL	I/O	Two-way serial clock bus with the EZW-RT10
77	S-AIR_KEY_PAIRING	I	PAIRING key input terminal
78	—	—	Not used
79	LED_POWER	O	LED drive signal output terminal for POWER indicator “H”: LED on
80	LED_S-AIR	O	LED drive signal output terminal for S-AIR indicator “H”: LED on
81 to 83	—	—	Not used
84 to 86	KEY5 to KEY3	—	Not used
87 to 89	—	—	Not used
90	SPEC_1	I	Destination detection terminal
91	S-AIR_ID	I	S-AIR ID switch input terminal
92, 93	KEY2, KEY1	I	Key input terminal
94	AVss	—	Ground terminal
95	KEY0	I	Key input terminal
96	Vref	—	Reference voltage (+3.3V) input terminal
97	AVcc	—	Power supply terminal (+3.3V)
98 to 100	—	—	Not used


SECTION 6
EXPLODED VIEWS


Note:

- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Abbreviation
CND : Canadian model
- The mechanical parts with no reference number in the exploded views are not supplied.
- Color Indication of Appearance Parts Example:
KNOB, BALANCE (WHITE) . . . (RED)
Parts Color Cabinet's Color
- Accessories are given in the last of the electrical parts list.

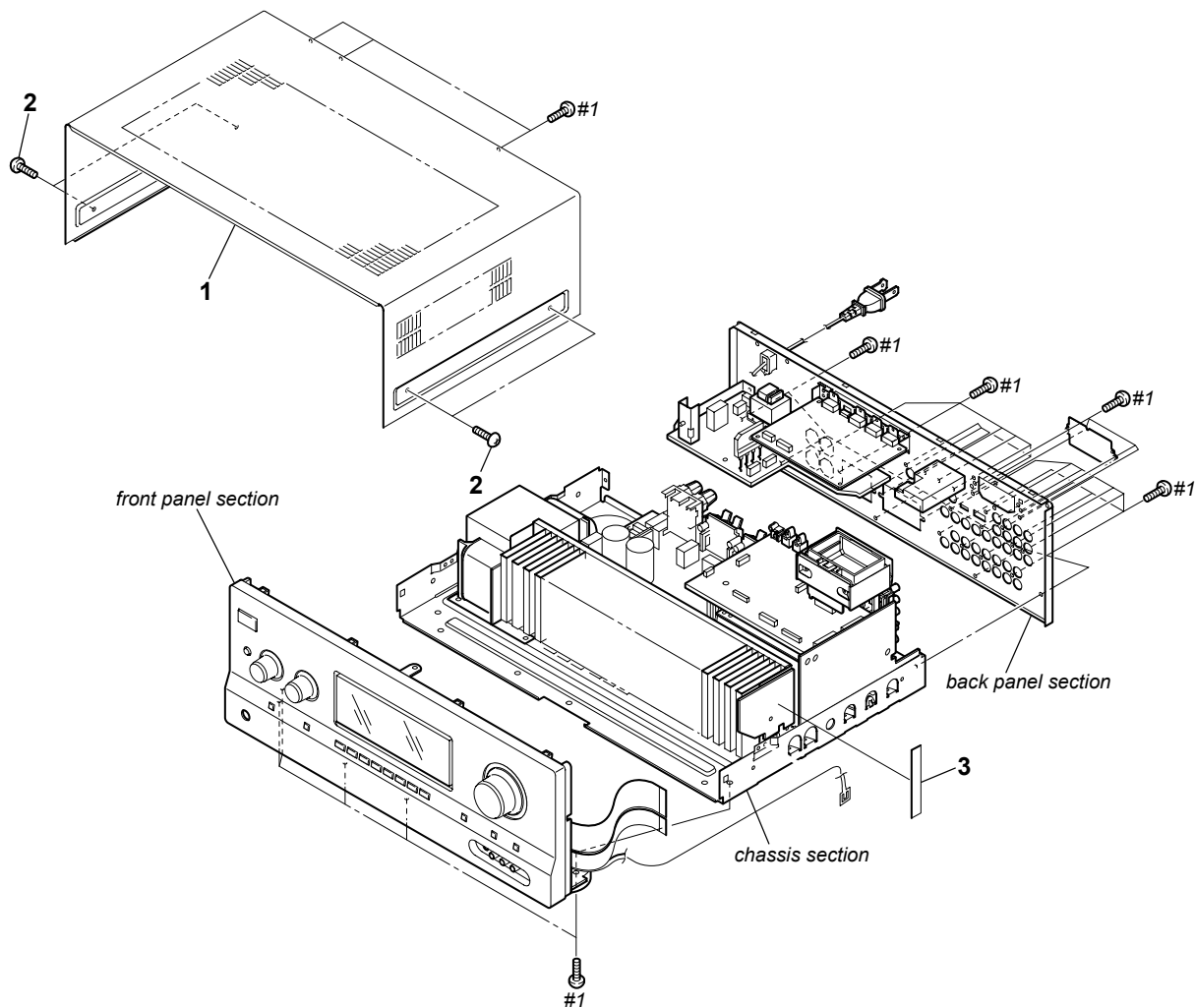
The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

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.

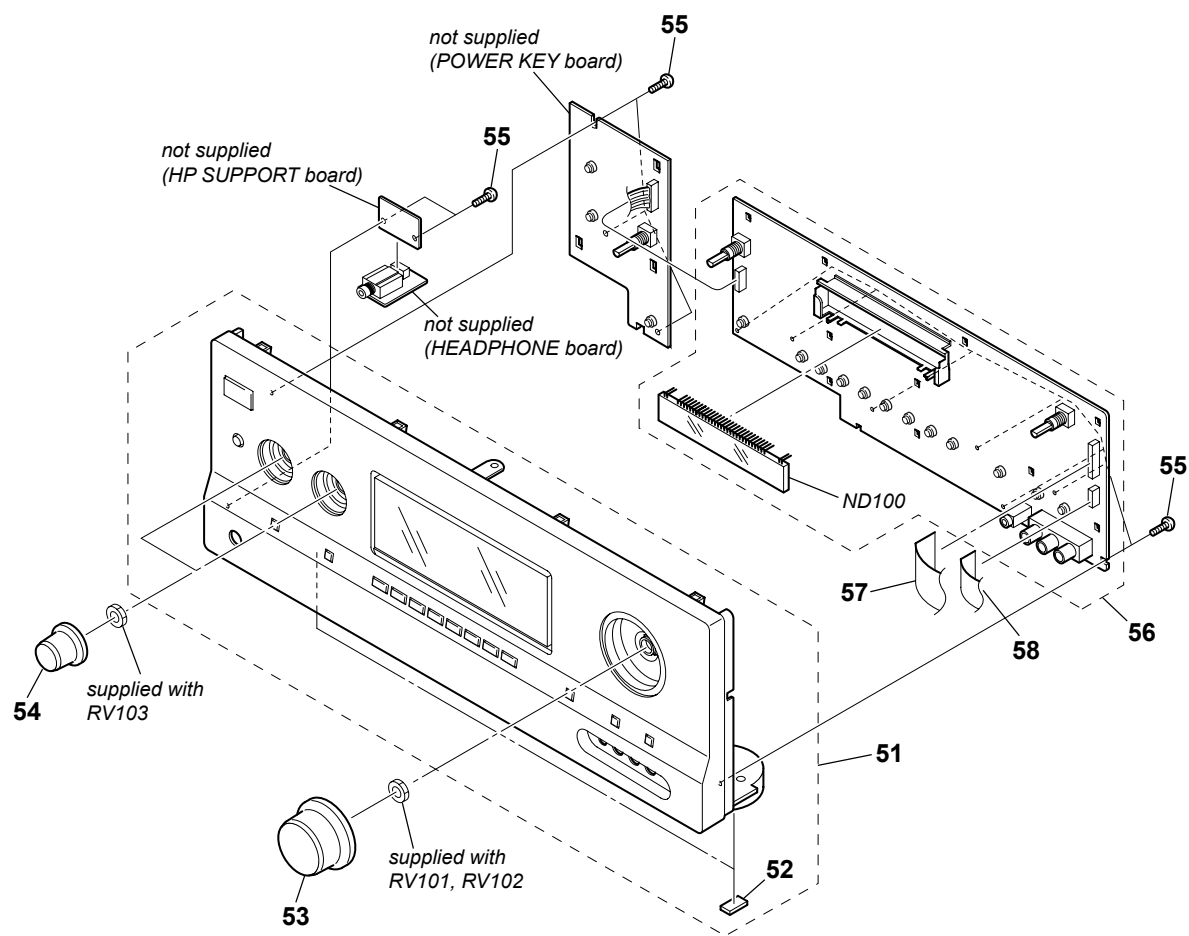
Les composants identifiés par la marque  contiennent des informations confidentielles. Suivre scrupuleusement les instructions chaque fois qu'un composant est remplacé et / ou réparé.

6-1. CASE SECTION



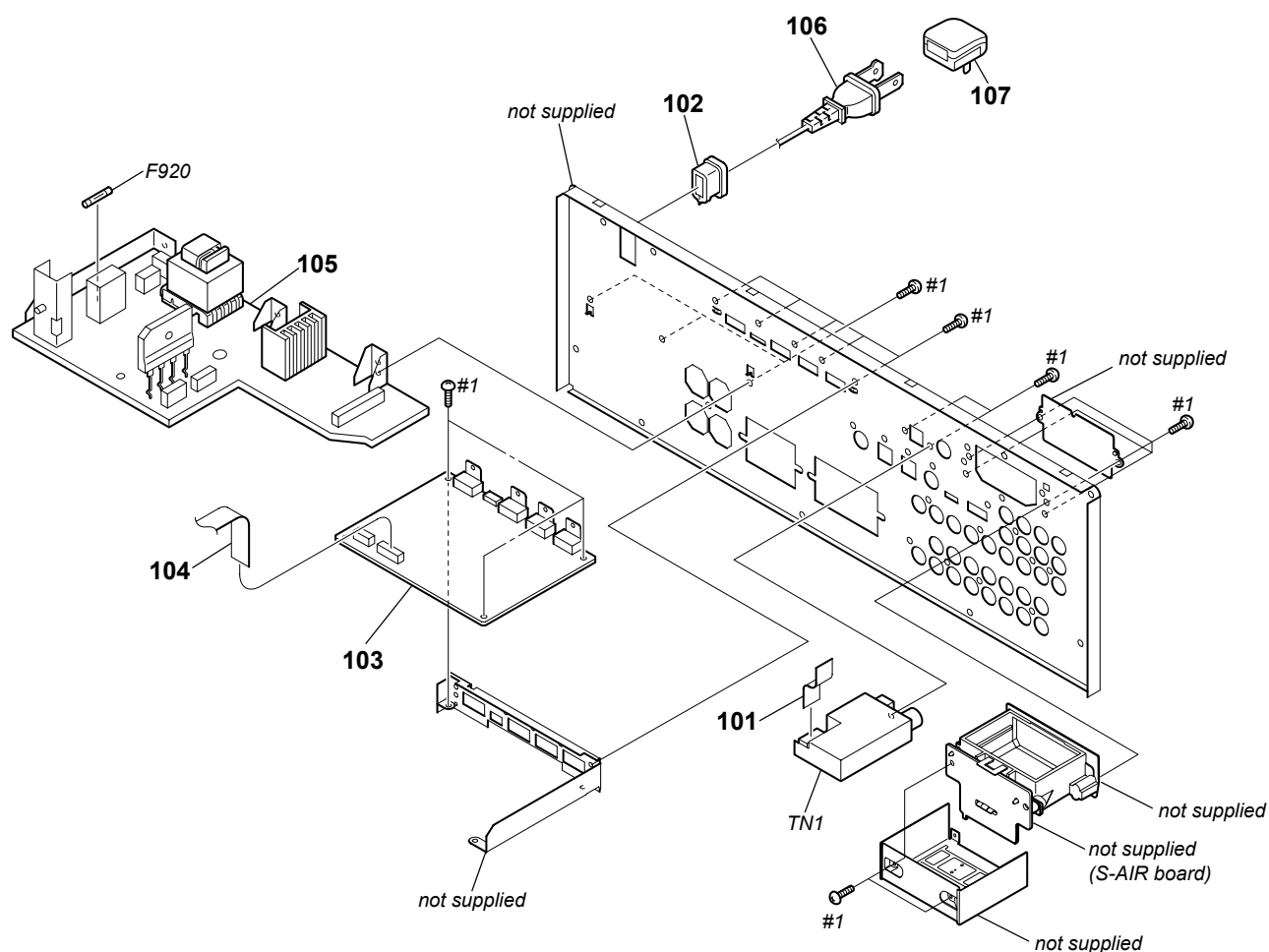
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	2-661-145-52	CASE					
2	2-580-630-01	SCREW, +BVST 4X8					
3	3-381-709-01	CUSHION, SARANET					
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3					

6-2. FRONT PANEL SECTION



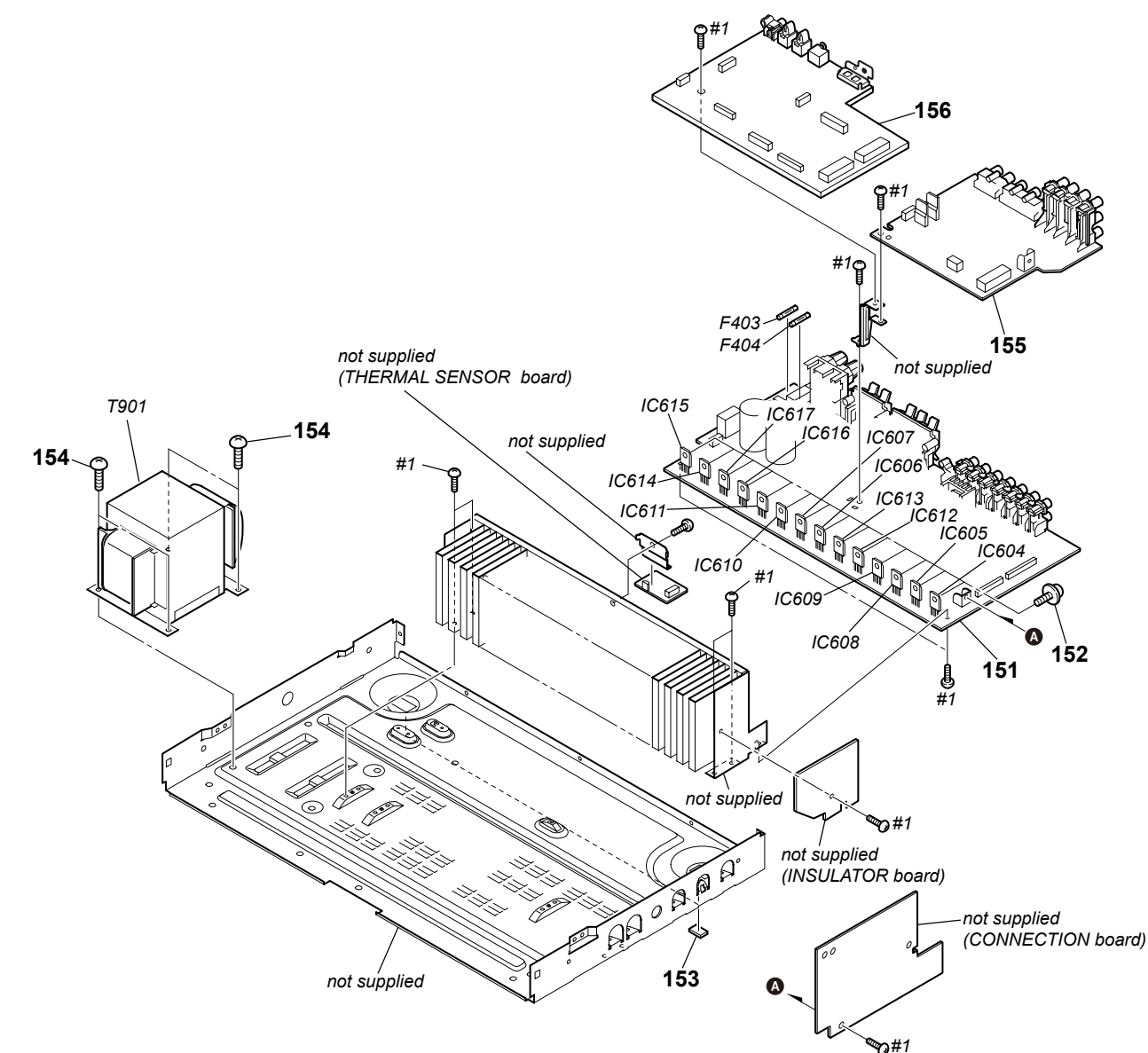
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	X-2342-514-1	FRONT PANEL ASSY (US)		56	A-1617-346-A	DISPLAY BOARD, COMPLETE	
51	X-2342-515-1	FRONT PANEL ASSY (CND)		57	1-828-633-51	WIRE (FLAT TYPE) (21 CORE)	
51	X-2342-516-1	FRONT PANEL ASSY (AEP, UK)		58	1-828-572-51	WIRE (FLAT TYPE) (9 CORE)	
52	4-977-358-01	CUSHION		ND100	1-483-065-11	VACUUM FLOURESCENT DISPLAYS	
53	4-124-321-01	KNOB, VOLUME (G53)					
54	4-125-404-01	KNOB, MENU (G73)					
55	3-087-053-01	+BVTP2.6 (3CR)					

6-3. BACK PANEL SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	1-828-954-11	WIRE (FLAT TYPE) (9 CORE) (US, CND)		△ 106	1-777-071-83	CORD, POWER (AEP, UK)	
101	1-828-964-11	WIRE (FLAT TYPE) (11 CORE) (AEP, UK)		△ 106	1-834-270-11	CORD, POWER (US, CND)	
△ 102	3-703-244-00	CORD BUSH (2104)		107	1-770-019-71	ADAPTOR, CONVERSION PLUG 3P (UK)	
103	A-1633-066-A	HDMI RE BOARD, COMPLETE		△ F920	1-532-465-33	FUSE (T3.15AL/250V) (AEP, UK)	
104	1-828-002-51	WIRE (FLAT TYPE) (17 CORE)		△ F920	1-533-311-12	FUSE, GLASS CYLINDRICAL (DIA.5) (8A 125V) (US, CND)	
105	A-1617-347-A	STANDBY DCDC BOARD, COMPLETE (US, CND)					
105	A-1617-348-A	STANDBY DCDC BOARD, COMPLETE (AEP, UK)		TN1	1-693-728-31	TUNER (FM/AM) (US, CND)	
				TN1	1-693-737-21	TUNER (FM/AM) (AEP, UK)	
				#1	7-685-646-79	SCREW +BVP 3X8 TYPE2 IT-3	

6-4. CHASSIS SECTION



Ref. No.	Part No.	Description	Remark
151	A-1617-335-A	MAIN BOARD, COMPLETE (US, CND)	
151	A-1617-336-A	MAIN BOARD, COMPLETE (AEP, UK)	
152	3-905-609-01	SCREW (TRANSISTOR)	
153	4-977-358-01	CUSHION	
154	4-249-675-01	+BV SUMITITE S 4X6 ROUND	
155	A-1617-354-A	VIDEO BOARD, COMPLETE	
156	A-1617-355-A	DIGITAL BOARD, COMPLETE (US, CND)	
156	A-1617-356-A	DIGITAL BOARD, COMPLETE (AEP, UK)	
△ F403	1-532-506-33	FUSE (6.3A 250V)	
△ F404	1-532-506-33	FUSE (6.3A 250V)	
△ T901	1-445-651-11	POWER TRANSFORMER (MAIN) (US, CND)	
	1-445-652-11	POWER TRANSFORMER (MAIN) (AEP, UK)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
IC604	6-702-390-01	IC MN2488-OPY-MK	
IC605	6-702-391-01	IC MP1620-OPY-MK	

Ref. No.	Part No.	Description	Remark
IC606	6-702-390-01	IC MN2488-OPY-MK	
IC607	6-702-390-01	IC MP1620-OPY-MK	
IC608	6-702-390-01	IC MN2488-OPY-MK	
IC609	6-702-391-01	IC MP1620-OPY-MK	
IC610	6-702-390-01	IC MN2488-OPY-MK	
IC611	6-702-391-01	IC MP1620-OPY-MK	
IC612	6-702-390-01	IC MN2488-OPY-MK	
IC613	6-702-391-01	IC MP1620-OPY-MK	
IC614	6-702-390-01	IC MN2488-OPY-MK	
IC615	6-702-391-01	IC MP1620-OPY-MK	
IC616	6-702-390-01	IC MN2488-OPY-MK	
IC617	6-702-391-01	IC MP1620-OPY-MK	

SECTION 7 ELECTRICAL PARTS LIST

DIGITAL

CONNECTION

Note:

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

- CAPACITORS**
uF: μ F
- COILS**
uH: μ H
- SEMICONDUCTORS**
In each case, u: μ , for example:
uA. . . : μ A. . . , uPA. . . , μ PA. . . ,
uPB. . . : μ PB. . . , uPC. . . , μ PC. . . ,
uPD. . . : μ PD. . .
- Abbreviation**
CND : Canadian model

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

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

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.

Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description	Remark			
		CONNECTION BOARD *****					CN802	1-770-383-11	CONNECTOR, BOARD TO BOARD 14P				
							CN803	1-770-410-11	CONNECTOR, BOARD TO BOARD 18P				
							CN804	1-770-410-11	CONNECTOR, BOARD TO BOARD 18P				
		< CAPACITOR >					CN805	1-779-277-11	CONNECTOR, FFC (LIF (NON-ZIF)) 9P				
C800	1-165-908-11	CERAMIC CHIP	1uF	10%	10V				< IC >				
C801	1-165-908-11	CERAMIC CHIP	1uF	10%	10V								
C803	1-126-963-11	ELECT	4.7uF	20%	50V								
C804	1-164-156-11	CERAMIC CHIP	0.1uF		25V		IC800	8-759-710-97	IC NJM4565M-D				
C805	1-126-963-11	ELECT	4.7uF	20%	50V		IC811	8-759-710-97	IC NJM4565M-D				
									< RESISTOR >				
C807	1-164-156-11	CERAMIC CHIP	0.1uF		25V								
C808	1-165-908-11	CERAMIC CHIP	1uF	10%	10V		R801	1-218-879-11	METAL CHIP	22K	0.5%	1/10W	
C809	1-165-908-11	CERAMIC CHIP	1uF	10%	10V		R802	1-218-879-11	METAL CHIP	22K	0.5%	1/10W	
C811	1-112-114-11	ELECT	22uF	20%	50V		R803	1-216-841-11	METAL CHIP	47K	5%	1/10W	
C812	1-100-152-91	CERAMIC CHIP	100PF	5%	100V		R804	1-216-841-11	METAL CHIP	47K	5%	1/10W	
							R805	1-216-841-11	METAL CHIP	47K	5%	1/10W	
C813	1-112-114-11	ELECT	22uF	20%	50V								
C814	1-112-114-11	ELECT	22uF	20%	50V		R806	1-216-841-11	METAL CHIP	47K	5%	1/10W	
C815	1-112-114-11	ELECT	22uF	20%	50V		R807	1-218-879-11	METAL CHIP	22K	0.5%	1/10W	
C816	1-100-152-91	CERAMIC CHIP	100PF	5%	100V		R808	1-218-879-11	METAL CHIP	22K	0.5%	1/10W	
C829	1-126-964-11	ELECT	10uF	20%	50V		R811	1-216-833-11	METAL CHIP	10K	5%	1/10W	
							R812	1-216-845-11	METAL CHIP	100K	5%	1/10W	
C830	1-126-964-11	ELECT	10uF	20%	50V								
C831	1-126-964-11	ELECT	10uF	20%	50V		R814	1-216-833-11	METAL CHIP	10K	5%	1/10W	
C832	1-126-964-11	ELECT	10uF	20%	50V		R815	1-216-845-11	METAL CHIP	100K	5%	1/10W	
C833	1-126-964-11	ELECT	10uF	20%	50V		R816	1-216-833-11	METAL CHIP	10K	5%	1/10W	
C834	1-126-964-11	ELECT	10uF	20%	50V		R817	1-216-833-11	METAL CHIP	10K	5%	1/10W	
							R822	1-216-821-11	METAL CHIP	1K	5%	1/10W	
C835	1-126-964-11	ELECT	10uF	20%	50V								
C836	1-126-964-11	ELECT	10uF	20%	50V		R830	1-216-821-11	METAL CHIP	1K	5%	1/10W	
C837	1-114-587-91	CERAMIC CHIP	0.0022uF	5%	50V		R832	1-216-821-11	METAL CHIP	1K	5%	1/10W	
C838	1-114-587-91	CERAMIC CHIP	0.0022uF	5%	50V		R840	1-216-821-11	METAL CHIP	1K	5%	1/10W	
C839	1-114-587-91	CERAMIC CHIP	0.0022uF	5%	50V		R842	1-216-821-11	METAL CHIP	1K	5%	1/10W	
							R850	1-216-821-11	METAL CHIP	1K	5%	1/10W	
C840	1-114-587-91	CERAMIC CHIP	0.0022uF	5%	50V								
C841	1-114-587-91	CERAMIC CHIP	0.0022uF	5%	50V		R851	1-216-821-11	METAL CHIP	1K	5%	1/10W	
C842	1-114-587-91	CERAMIC CHIP	0.0022uF	5%	50V		R860	1-216-821-11	METAL CHIP	1K	5%	1/10W	
C843	1-114-587-91	CERAMIC CHIP	0.0022uF	5%	50V		*****						
C844	1-114-587-91	CERAMIC CHIP	0.0022uF	5%	50V			A-1617-355-A	DIGITAL BOARD, COMPLETE (US, CND)				
								A-1617-356-A	DIGITAL BOARD, COMPLETE (AEP, UK)				

		< CAPACITOR >											
		< CONNECTOR >											
CN800	1-770-386-11	CONNECTOR, BOARD TO BOARD 20P					C2000	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V	
CN801	1-770-386-11	CONNECTOR, BOARD TO BOARD 20P					C2001	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V	
							C2002	1-112-121-11	ELECT	100uF	20%	16V	

DIGITAL

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C2003	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2065	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2004	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2066	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2005	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	C2067	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2006	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2068	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2007	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2069	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2008	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2070	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2009	1-164-862-11	CERAMIC CHIP	33PF	5%	50V	C2071	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2010	1-164-860-11	CERAMIC CHIP	27PF	5%	50V	C2072	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2011	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C2073	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2012	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2074	1-164-850-11	CERAMIC CHIP	10PF	0.5PF	50V
C2013	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2075	1-164-733-11	CERAMIC CHIP	820PF	10%	50V (US, CND)
C2014	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2076	1-126-208-21	ELECT CHIP	47uF	20%	4V (US, CND)
C2015	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2077	1-164-733-11	CERAMIC CHIP	820PF	10%	50V (US, CND)
C2016	1-165-875-11	CERAMIC CHIP	10uF	10%	10V	C2078	1-126-208-21	ELECT CHIP	47uF	20%	4V (US, CND)
C2018	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2082	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (US, CND)
C2019	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2083	1-126-947-11	ELECT	47uF	20%	35V
C2020	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2084	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2021	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2085	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2022	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2086	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2023	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2087	1-126-965-91	ELECT	22uF	20%	50V
C2024	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2091	1-126-916-11	ELECT	1000uF	20%	6.3V
C2025	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2092	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2026	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2093	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2027	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2094	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2028	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2095	1-126-933-11	ELECT	100uF	20%	16V
C2029	1-165-875-11	CERAMIC CHIP	10uF	10%	10V	C2096	1-126-933-11	ELECT	100uF	20%	16V
C2030	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2097	1-165-722-11	ELECT	100uF	20%	10V
C2031	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2099	1-126-965-91	ELECT	22uF	20%	50V
C2032	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2104	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C2033	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2105	1-164-933-11	CERAMIC CHIP	220PF	10%	50V
C2034	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2106	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2035	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2107	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2036	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V	C2108	1-112-083-11	ELECT	100uF	20%	16V
C2037	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2109	1-112-100-11	ELECT	10uF	20%	50V
C2038	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2110	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2039	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2111	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2040	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2112	1-112-083-11	ELECT	100uF	20%	16V
C2041	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V	C2113	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2042	1-126-933-11	ELECT	100uF	20%	16V	C2114	1-112-083-11	ELECT	100uF	20%	16V
C2043	1-164-848-11	CERAMIC CHIP	8PF	0.5PF	50V	C2115	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C2044	1-165-875-11	CERAMIC CHIP	10uF	10%	10V	C2116	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2045	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2117	1-126-964-11	ELECT	10uF	20%	50V
C2046	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2118	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2047	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2119	1-126-964-11	ELECT	10uF	20%	50V
C2048	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2120	1-126-964-11	ELECT	10uF	20%	50V
C2049	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2121	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2050	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2122	1-126-960-11	ELECT	1uF	20%	50V
C2051	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2123	1-126-960-11	ELECT	1uF	20%	50V
C2052	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2125	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2053	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2126	1-117-720-11	CERAMIC CHIP	4.7uF		10V
C2054	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2128	1-126-964-11	ELECT	10uF	20%	50V
C2055	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2129	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2056	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2130	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2057	1-165-875-11	CERAMIC CHIP	10uF	10%	10V	C2131	1-126-964-11	ELECT	10uF	20%	50V
C2059	1-126-923-91	ELECT	220uF	20%	10V	C2132	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2060	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C2133	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2061	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V						
C2062	1-126-933-11	ELECT	100uF	20%	16V						
C2063	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V						
C2064	1-126-933-11	ELECT	100uF	20%	16V						

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C2134	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C2230	1-126-964-11	ELECT	10uF	20%	50V
C2135	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C2231	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2136	1-126-947-11	ELECT	47uF	20%	35V	C2232	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2137	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V					(US, CND)	
C2138	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2233	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2139	1-126-964-11	ELECT	10uF	20%	50V					(US, CND)	
C2149	1-126-947-11	ELECT	47uF	20%	35V	C2234	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2150	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V					(US, CND)	
C2153	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V	C2236	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C2154	1-135-372-31	ELECT	470uF	20%	10V	C2237	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2155	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V	C2238	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
						C2239	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2156	1-135-372-31	ELECT	470uF	20%	10V	C2240	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2157	1-126-965-91	ELECT	22uF	20%	50V	C2241	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2158	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						
C2159	1-165-722-11	ELECT	100uF	20%	10V	C2242	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2160	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C2243	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
						C2244	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2161	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C2245	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C2162	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C2246	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2163	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V					(AEP, UK)	
C2165	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						
C2166	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2248	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
										(AEP, UK)	
C2167	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2249	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2168	1-162-927-11	CERAMIC CHIP	100PF	5%	50V					(AEP, UK)	
C2169	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V	C2250	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2170	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V					(AEP, UK)	
C2171	1-126-960-11	ELECT	1uF	20%	50V	C2251	1-128-451-11	ELECT CHIP	22uF	20%	16V
								< CONNECTOR >			
C2180	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						
C2181	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						
C2182	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	CN2000	1-770-411-11	CONNECTOR, BOARD TO BOARD 20P			
C2183	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	CN2001	1-770-411-11	CONNECTOR, BOARD TO BOARD 20P			
C2184	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V	CN2002	1-770-386-11	CONNECTOR, BOARD TO BOARD 20P			
						CN2003	1-821-182-11	SOCKET, DIN 8P (US, CND)			
C2185	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V	* CN2100	1-564-510-11	PLUG, CONNECTOR 7P			
C2186	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V						
C2187	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V	CN2102	1-779-799-11	PIN, CONNECTOR 9P			
C2188	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	* CN2103	1-564-507-11	PLUG, CONNECTOR 4P			
C2189	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	CN2200	1-779-289-11	CONNECTOR, FFC (LIF (NON-ZIF)) 21P			
						CN2202	1-820-116-41	CONNECTOR, FFC/FPC 17P			
C2190	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	CN2203	1-784-861-51	CONNECTOR, FFC (LIF (NON-ZIF)) 9P			
C2191	1-162-960-11	CERAMIC CHIP	220PF	10%	50V						
C2192	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	CN2204	1-568-830-11	CONNECTOR FFC 11P (AEP, UK)			
C2193	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	CN2205	1-784-770-11	CONNECTOR, FFC 9P (US, CND)			
C2194	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V			< DIODE >			
C2195	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V						
C2196	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V	D1003	8-719-049-09	DIODE 1SS367-T3SONY			
C2197	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V	D1004	8-719-049-09	DIODE 1SS367-T3SONY			
C2198	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V	D2003	8-719-060-48	DIODE RB751V-40TE-17			
C2202	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V	D2010	6-501-817-01	DIODE MA2J1110GLS0			
						D2017	8-719-989-03	DIODE DAN222			
C2203	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V						
C2204	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V	D2019	8-719-989-03	DIODE DAN222			
C2206	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	D2020	6-501-817-01	DIODE MA2J1110GLS0			
C2208	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V	D2021	8-719-989-03	DIODE DAN222			
C2209	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V	D2022	8-719-989-03	DIODE DAN222			
						D2023	6-501-579-01	DIODE MC2837 (US, CND)			
C2220	1-126-947-11	ELECT	47uF	20%	35V						
C2221	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	D2025	6-501-817-01	DIODE MA2J1110GLS0			
C2223	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V			< FERRITE BEAD >			
C2224	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V						
C2225	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V						
						FB2000	1-400-862-11	BEAD, FERRITE			
C2226	1-112-121-11	ELECT	100uF	20%	16V	FB2001	1-469-139-21	FERRITE, EMI (SMD) (2012)			
C2227	1-117-720-11	CERAMIC CHIP	4.7uF		10V	FB2002	1-400-862-11	BEAD, FERRITE			
C2228	1-117-720-11	CERAMIC CHIP	4.7uF		10V	FB2003	1-400-862-11	BEAD, FERRITE			
C2229	1-117-720-11	CERAMIC CHIP	4.7uF		10V	FB2004	1-400-862-11	BEAD, FERRITE			

DIGITAL

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
FB2005	1-469-670-21	FERRITE, EMI (SMD) (2012)		< RESISTOR >			
FB2006	1-400-862-11	BEAD, FERRITE		R2000	1-216-635-11	METAL CHIP 220	0.5% 1/10W
FB2007	1-400-862-11	BEAD, FERRITE		R2001	1-216-816-11	METAL CHIP 390	5% 1/10W
FB2008	1-469-670-21	FERRITE, EMI (SMD) (2012)		R2002	1-216-815-11	METAL CHIP 330	5% 1/10W
FB2009	1-400-862-11	BEAD, FERRITE		R2003	1-216-864-11	SHORT CHIP 0	
				R2004	1-216-821-11	METAL CHIP 1K	5% 1/10W
FB2010	1-400-862-11	BEAD, FERRITE					
FB2011	1-400-862-11	BEAD, FERRITE		R2005	1-216-864-11	SHORT CHIP 0	
FB2012	1-469-139-21	FERRITE, EMI (SMD) (2012)		R2006	1-216-815-11	METAL CHIP 330	5% 1/10W
FB2013	1-469-139-21	FERRITE, EMI (SMD) (2012)		R2007	1-216-857-11	METAL CHIP 1M	5% 1/10W
FB2014	1-469-139-21	FERRITE, EMI (SMD) (2012)		R2008	1-216-857-11	METAL CHIP 1M	5% 1/10W
				R2009	1-216-833-11	METAL CHIP 10K	5% 1/10W
FB2015	1-400-862-11	BEAD, FERRITE					
FB2016	1-400-862-11	BEAD, FERRITE		R2010	1-216-833-11	METAL CHIP 10K	5% 1/10W
FB2017	1-400-862-11	BEAD, FERRITE		R2011	1-216-833-11	METAL CHIP 10K	5% 1/10W
FB2018	1-400-862-11	BEAD, FERRITE		R2012	1-216-833-11	METAL CHIP 10K	5% 1/10W
FB2019	1-400-862-11	BEAD, FERRITE		R2013	1-216-833-11	METAL CHIP 10K	5% 1/10W
				R2014	1-216-809-11	METAL CHIP 100	5% 1/10W
FB2020	1-400-862-11	BEAD, FERRITE					
FB2021	1-400-862-11	BEAD, FERRITE		R2015	1-216-820-11	METAL CHIP 820	5% 1/10W
FB2022	1-400-862-11	BEAD, FERRITE		R2016	1-216-833-11	METAL CHIP 10K	5% 1/10W
FB2024	1-469-152-11	FERRITE, EMI (SMD) (2012)		R2017	1-216-809-11	METAL CHIP 100	5% 1/10W
FB2025	1-400-862-11	BEAD, FERRITE		R2020	1-216-821-11	METAL CHIP 1K	5% 1/10W
				R2021	1-216-833-11	METAL CHIP 10K	5% 1/10W
FB2026	1-400-862-11	BEAD, FERRITE					
		< IC >		R2023	1-216-809-11	METAL CHIP 100	5% 1/10W
IC2000	6-705-337-01	IC TK11150CSCL-G		R2024	1-216-809-11	METAL CHIP 100	5% 1/10W
IC2001	6-710-766-01	IC BD12KA5FP-E2		R2025	1-216-809-11	METAL CHIP 100	5% 1/10W
IC2002	8-759-277-63	IC TC7W14FU (TE12R)		R2026	1-216-833-11	METAL CHIP 10K	5% 1/10W
IC2003	8-759-058-62	IC TC7S08FU (TE85R)		R2027	1-216-809-11	METAL CHIP 100	5% 1/10W
IC2004	6-702-913-01	IC S-80929CNMC-G8ZT2G					
IC2005	6-707-870-01	IC TC74VHC157FT (EKJ)		R2028	1-216-864-11	SHORT CHIP 0	
IC2006	6-706-764-01	IC ADSP21266SKSTZ-2C		R2030	1-216-813-11	METAL CHIP 220	5% 1/10W
IC2007	6-808-579-01	IC MB91353APMT-G-123E1		R2031	1-216-815-11	METAL CHIP 330	5% 1/10W
IC2008	6-712-614-01	IC SI-3050KM-TLS		R2032	1-216-813-11	METAL CHIP 220	5% 1/10W
IC2009	6-712-616-01	IC SI-3033KM-TLS		R2033	1-216-813-11	METAL CHIP 220	5% 1/10W
IC2010	8-759-447-77	IC TC7WH74FU (TE12R)		R2034	1-216-813-11	METAL CHIP 220	5% 1/10W
IC2011	8-759-524-48	IC TC74VHC393FT (EL)		R2035	1-216-833-11	METAL CHIP 10K	5% 1/10W
IC2012	8-759-680-48	IC TC7WH157FK (TE85R)		R2036	1-216-821-11	METAL CHIP 1K	5% 1/10W
IC2013	6-713-873-01	IC MM1665ATRE		R2037	1-216-864-11	SHORT CHIP 0	
IC2014	6-713-627-01	IC BR24S16FJ -WE2		R2038	1-216-833-11	METAL CHIP 10K	5% 1/10W
IC2015	6-713-642-01	IC LC89058W-E		R2039	1-216-833-11	METAL CHIP 10K	5% 1/10W
IC2016	8-759-096-87	IC TC7WU04FU (TE12R)		R2040	1-216-801-11	METAL CHIP 22	5% 1/10W
IC2017	6-600-466-01	IC TORX147L (SONY)		R2041	1-216-801-11	METAL CHIP 22	5% 1/10W
IC2018	6-600-466-01	IC TORX147L (SONY)		R2042	1-216-864-11	SHORT CHIP 0	
IC2019	6-710-554-01	IC PCM1808PWR		R2044	1-216-864-11	SHORT CHIP 0	
IC2020	6-711-874-01	IC WM8768GEDS/R		R2046	1-216-864-11	SHORT CHIP 0	
IC2021	6-713-032-01	IC KIA7809API-U/PF		R2047	1-216-864-11	SHORT CHIP 0	
IC2022	6-705-468-01	IC BA33BC0FP-E2		R2049	1-216-801-11	METAL CHIP 22	5% 1/10W
IC2023	8-759-524-10	IC TC74VHC157FT (EL)		R2050	1-216-857-11	METAL CHIP 1M	5% 1/10W
IC2030	6-706-478-01	IC TC7SET08FU (T5RSOJF) (US, CND)		R2051	1-216-816-11	METAL CHIP 390	5% 1/10W
IC2031	6-706-478-01	IC TC7SET08FU (T5RSOJF) (US, CND)		R2056	1-216-833-11	METAL CHIP 10K	5% 1/10W
IC2032	6-706-487-01	IC TC7SH08FU (T5RSOYJF) (US, CND)		R2057	1-216-864-11	SHORT CHIP 0	
				R2058	1-216-864-11	SHORT CHIP 0	
				R2059	1-216-813-11	METAL CHIP 220	5% 1/10W
				R2060	1-216-813-11	METAL CHIP 220	5% 1/10W
		< JACK >					
J2000	1-784-431-11	JACK, PIN 1P (DIGITAL SAT IN (OPTICAL))		R2061	1-216-813-11	METAL CHIP 220	5% 1/10W
J2001	1-817-615-21	CONNECTOR, SQUARE TYPE (RECE) (DMPORT)		R2062	1-216-813-11	METAL CHIP 220	5% 1/10W
				R2064	1-216-809-11	METAL CHIP 100	5% 1/10W
				R2065	1-216-809-11	METAL CHIP 100	5% 1/10W
		< TRANSISTOR >		R2066	1-216-809-11	METAL CHIP 100	5% 1/10W (US, CND)
Q2000	8-729-027-43	TRANSISTOR DTC114EKA-T146					
Q2001	8-729-620-13	TRANSISTOR 2SC4154TP-1EF		R2067	1-216-809-11	METAL CHIP 100	5% 1/10W (US, CND)
Q2002	8-729-620-13	TRANSISTOR 2SC4154TP-1EF					
Q2003	6-551-699-01	TRANSISTOR ISA1602AM1TP-1EF		R2068	1-218-285-11	METAL CHIP 75	5% 1/10W

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R2069	1-216-817-11	METAL CHIP	470	5%	1/10W	R2147	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2070	1-216-855-11	METAL CHIP	680K	5%	1/10W						
R2071	1-216-853-11	METAL CHIP	470K	5%	1/10W	R2148	1-216-833-11	METAL CHIP	10K	5%	1/10W
						R2149	1-216-809-11	METAL CHIP	100	5%	1/10W
R2072	1-216-841-11	METAL CHIP	47K	5%	1/10W	R2151	1-216-809-11	METAL CHIP	100	5%	1/10W
R2073	1-216-809-11	METAL CHIP	100	5%	1/10W	R2152	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2074	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2155	1-216-809-11	METAL CHIP	100	5%	1/10W
R2078	1-211-990-11	METAL CHIP	75	0.5%	1/10W						
R2081	1-216-809-11	METAL CHIP	100	5%	1/10W	R2156	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
						R2157	1-216-809-11	METAL CHIP	100	5%	1/10W
R2082	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2158	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R2084	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2159	1-216-809-11	METAL CHIP	100	5%	1/10W
R2086	1-216-803-11	METAL CHIP	33	5%	1/10W	R2160	1-216-809-11	METAL CHIP	100	5%	1/10W
R2087	1-216-845-11	METAL CHIP	100K	5%	1/10W						
R2088	1-216-817-11	METAL CHIP	470	5%	1/10W	R2161	1-216-809-11	METAL CHIP	100	5%	1/10W
						R2164	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2089	1-216-809-11	METAL CHIP	100	5%	1/10W	R2165	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2090	1-216-809-11	METAL CHIP	100	5%	1/10W	R2166	1-216-864-11	SHORT CHIP	0		
R2091	1-216-815-11	METAL CHIP	330	5%	1/10W	R2169	1-216-864-11	SHORT CHIP	0		
R2092	1-216-813-11	METAL CHIP	220	5%	1/10W						
R2093	1-216-864-11	SHORT CHIP	0			R2177	1-216-809-11	METAL CHIP	100	5%	1/10W
						R2178	1-216-809-11	METAL CHIP	100	5%	1/10W
R2094	1-216-801-11	METAL CHIP	22	5%	1/10W	R2179	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2095	1-216-801-11	METAL CHIP	22	5%	1/10W	R2180	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2097	1-216-809-11	METAL CHIP	100	5%	1/10W	R2185	1-216-809-11	METAL CHIP	100	5%	1/10W
R2098	1-216-864-11	SHORT CHIP	0								
R2099	1-216-864-11	SHORT CHIP	0			R2186	1-216-809-11	METAL CHIP	100	5%	1/10W
						R2187	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2100	1-216-809-11	METAL CHIP	100	5%	1/10W	R2192	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2101	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2193	1-216-801-11	METAL CHIP	22	5%	1/10W
R2102	1-216-809-11	METAL CHIP	100	5%	1/10W	R2194	1-216-809-11	METAL CHIP	100	5%	1/10W
R2103	1-216-809-11	METAL CHIP	100	5%	1/10W						
R2104	1-216-801-11	METAL CHIP	22	5%	1/10W	R2195	1-216-809-11	METAL CHIP	100	5%	1/10W
						R2196	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2112	1-216-821-11	METAL CHIP	1K	5%	1/10W	R2197	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R2113	1-216-821-11	METAL CHIP	1K	5%	1/10W	R2198	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R2114	1-216-813-11	METAL CHIP	220	5%	1/10W	R2199	1-216-841-11	METAL CHIP	47K	5%	1/10W
				(AEP, UK)						(AEP, UK)	
R2115	1-216-832-11	METAL CHIP	8.2K	5%	1/10W						
R2116	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R2200	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
										(AEP, UK)	
R2119	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2200	1-216-864-11	SHORT CHIP	0		(US, CND)
				(AEP, UK)		R2204	1-216-809-11	METAL CHIP	100	5%	1/10W
R2120	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2205	1-216-809-11	METAL CHIP	100	5%	1/10W
				(AEP, UK)		R2207	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R2121	1-216-813-11	METAL CHIP	220	5%	1/10W						
				(AEP, UK)		R2208	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2122	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R2209	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R2123	1-216-864-11	SHORT CHIP	0			R2210	1-216-833-11	METAL CHIP	10K	5%	1/10W
						R2211	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2124	1-216-864-11	SHORT CHIP	0			R2212	1-216-809-11	METAL CHIP	100	5%	1/10W
R2125	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R2126	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2213	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2127	1-216-845-11	METAL CHIP	100K	5%	1/10W	R2214	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2128	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2215	1-216-833-11	METAL CHIP	10K	5%	1/10W
						R2216	1-216-809-11	METAL CHIP	100	5%	1/10W
R2129	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2217	1-216-809-11	METAL CHIP	100	5%	1/10W
R2130	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R2131	1-216-864-11	SHORT CHIP	0			R2218	1-216-809-11	METAL CHIP	100	5%	1/10W
R2132	1-216-809-11	METAL CHIP	100	5%	1/10W	R2220	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2133	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2229	1-216-809-11	METAL CHIP	100	5%	1/10W
						R2230	1-216-809-11	METAL CHIP	100	5%	1/10W
R2134	1-216-837-11	METAL CHIP	22K	5%	1/10W	R2231	1-216-809-11	METAL CHIP	100	5%	1/10W
R2135	1-216-821-11	METAL CHIP	1K	5%	1/10W						
R2136	1-216-864-11	SHORT CHIP	0			R2232	1-216-809-11	METAL CHIP	100	5%	1/10W
R2137	1-216-837-11	METAL CHIP	22K	5%	1/10W	R2238	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2138	1-216-813-11	METAL CHIP	220	5%	1/10W	R2239	1-216-809-11	METAL CHIP	100	5%	1/10W
						R2240	1-216-801-11	METAL CHIP	22	5%	1/10W
R2139	1-216-838-11	METAL CHIP	27K	5%	1/10W	R2241	1-216-864-11	SHORT CHIP	0		
R2140	1-216-841-11	METAL CHIP	47K	5%	1/10W						
R2141	1-216-821-11	METAL CHIP	1K	5%	1/10W	R2244	1-216-801-11	METAL CHIP	22	5%	1/10W
R2146	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2245	1-216-801-11	METAL CHIP	22	5%	1/10W

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R2246	1-216-809-11	METAL CHIP	100	5%	1/10W	C120	1-100-152-91	CERAMIC CHIP	100PF	5%	100V
R2247	1-216-809-11	METAL CHIP	100	5%	1/10W	C121	1-100-152-91	CERAMIC CHIP	100PF	5%	100V
R2248	1-216-809-11	METAL CHIP	100	5%	1/10W	C122	1-100-152-91	CERAMIC CHIP	100PF	5%	100V
R2249	1-216-809-11	METAL CHIP	100	5%	1/10W	C123	1-100-152-91	CERAMIC CHIP	100PF	5%	100V
R2250	1-216-833-11	METAL CHIP	10K	5%	1/10W	C124	1-100-152-91	CERAMIC CHIP	100PF	5%	100V
R2251	1-216-833-11	METAL CHIP	10K	5%	1/10W	C125	1-100-152-91	CERAMIC CHIP	100PF	5%	100V
R2260	1-216-864-11	SHORT CHIP	0			C126	1-100-152-91	CERAMIC CHIP	100PF	5%	100V
R2262	1-216-821-11	METAL CHIP	1K	5%	1/10W	C127	1-100-152-91	CERAMIC CHIP	100PF	5%	100V
R2263	1-216-821-11	METAL CHIP	1K	5%	1/10W	C134	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
R2267	1-216-821-11	METAL CHIP	1K	5%	1/10W	C135	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
R2269	1-216-821-11	METAL CHIP	1K	5%	1/10W	C140	1-126-795-11	ELECT	10uF	20%	50V
R2270	1-216-805-11	METAL CHIP	47	5%	1/10W	C142	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
R2271	1-216-813-11	METAL CHIP	220	5%	1/10W	C143	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
R2272	1-216-833-11	METAL CHIP	10K	5%	1/10W	C145	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
R2273	1-216-833-11	METAL CHIP	10K	5%	1/10W	C146	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
R2274	1-216-845-11	METAL CHIP	100K	5%	1/10W	C150	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
R2275	1-216-809-11	METAL CHIP	100	5%	1/10W	C151	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R2276	1-216-833-11	METAL CHIP	10K	5%	1/10W	C152	1-119-772-91	ELECT	47uF	20%	35V
R2278	1-216-833-11	METAL CHIP	10K	5%	1/10W	C153	1-162-974-11	CERAMIC CHIP	0.01uF		50V
		< COMPOSITION CIRCUIT BLOCK >				C154	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
RB2000	1-234-372-11	RES, NETWORK	100 (1005X4)			C155	1-163-037-11	CERAMIC CHIP	0.022uF	10%	50V
RB2001	1-234-372-11	RES, NETWORK	100 (1005X4)			C156	1-165-722-11	ELECT	100uF	20%	10V
RB2002	1-234-372-11	RES, NETWORK	100 (1005X4)			C160	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
RB2004	1-234-376-11	RES, NETWORK	2.2K (1005X4)			C161	1-126-795-11	ELECT	10uF	20%	50V
RB2005	1-234-372-11	RES, NETWORK	100 (1005X4)			C166	1-164-733-11	CERAMIC CHIP	820PF	10%	50V
RB2006	1-234-372-11	RES, NETWORK	100 (1005X4)			C167	1-164-733-11	CERAMIC CHIP	820PF	10%	50V
RB2007	1-234-378-21	RES, NETWORK	10K (1005X4)			C168	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
RB2008	1-234-378-21	RES, NETWORK	10K (1005X4)			C169	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
		< VIBRATOR >				C170	1-126-795-11	ELECT	10uF	20%	50V
X2000	1-781-893-21	VIBRATOR, CERAMIC (CHIP TYPE) (12.5MHz)				C171	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
X2001	1-795-126-21	VIBRATOR, CRYSTAL (12.288MHz)				C172	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
X2002	1-814-271-11	QUARTS CRYSTAL (25MHz)				C173	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
*****						C174	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
A-1617-346-A	DISPLAY BOARD, COMPLETE	*****				C175	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
		< CAPACITOR >				C176	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C100	1-100-152-91	CERAMIC CHIP	100PF	5%	100V	C177	1-126-795-11	ELECT	10uF	20%	50V
C101	1-100-152-91	CERAMIC CHIP	100PF	5%	100V	C178	1-126-795-11	ELECT	10uF	20%	50V
C102	1-100-152-91	CERAMIC CHIP	100PF	5%	100V	C179	1-126-795-11	ELECT	10uF	20%	50V
C103	1-100-152-91	CERAMIC CHIP	100PF	5%	100V	C180	1-124-465-00	ELECT	0.47uF	20%	50V
C104	1-100-152-91	CERAMIC CHIP	100PF	5%	100V	C181	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C105	1-100-152-91	CERAMIC CHIP	100PF	5%	100V	C182	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C106	1-100-152-91	CERAMIC CHIP	100PF	5%	100V	C183	1-126-160-11	ELECT	1uF	20%	50V
C107	1-100-152-91	CERAMIC CHIP	100PF	5%	100V	C184	1-126-160-11	ELECT	1uF	20%	50V
C108	1-100-152-91	CERAMIC CHIP	100PF	5%	100V	C185	1-162-924-11	CERAMIC CHIP	56PF	5%	50V
C109	1-100-152-91	CERAMIC CHIP	100PF	5%	100V	C186	1-162-921-11	CERAMIC CHIP	33PF	5%	50V
C110	1-100-152-91	CERAMIC CHIP	100PF	5%	100V	C188	1-100-436-91	CERAMIC CHIP	0.033uF	10%	25V
C111	1-100-152-91	CERAMIC CHIP	100PF	5%	100V	C190	1-100-436-91	CERAMIC CHIP	0.033uF	10%	25V
C112	1-100-152-91	CERAMIC CHIP	100PF	5%	100V	C191	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C113	1-100-152-91	CERAMIC CHIP	100PF	5%	100V	C192	1-126-160-11	ELECT	1uF	20%	50V
C114	1-100-152-91	CERAMIC CHIP	100PF	5%	100V	C193	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C115	1-100-152-91	CERAMIC CHIP	100PF	5%	100V	C196	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C116	1-100-152-91	CERAMIC CHIP	100PF	5%	100V	C197	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C117	1-100-152-91	CERAMIC CHIP	100PF	5%	100V	C198	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C118	1-100-152-91	CERAMIC CHIP	100PF	5%	100V	C199	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C119	1-100-152-91	CERAMIC CHIP	100PF	5%	100V			< CONNECTOR >			
						CNS104	1-779-289-11	CONNECTOR, FFC (LIF (NON-ZIF)) 21P			
						CNS171	1-779-277-11	CONNECTOR, FFC (LIF (NON-ZIF)) 9P			

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HDMI RE

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C3507	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3579	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
C3508	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3580	1-165-667-21	ELECT CHIP 100uF	20% 6.3V
C3509	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3584	1-127-715-11	CERAMIC CHIP 0.22uF	10% 16V
C3510	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3585	1-165-908-11	CERAMIC CHIP 1uF	10% 10V
C3511	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3586	1-117-681-11	ELECT CHIP 100uF	20% 16V
C3512	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3590	1-128-934-11	CERAMIC CHIP 0.33uF	20% 10V
C3513	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3591	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C3516	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3593	1-128-994-21	ELECT CHIP 47uF	20% 10V
C3517	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3596	1-128-994-21	ELECT CHIP 47uF	20% 10V
C3518	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3597	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C3519	1-126-210-21	ELECT CHIP 220uF	20% 4V	C3615	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C3521	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3616	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C3522	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3617	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C3523	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3618	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C3524	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3619	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
C3525	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3620	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C3526	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3621	1-112-791-11	ELECT CHIP 100uF	20% 16V
C3527	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3625	1-126-205-11	ELECT CHIP 47uF	20% 6.3V
C3529	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3627	1-126-205-11	ELECT CHIP 47uF	20% 6.3V
C3530	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3630	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C3531	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3631	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C3533	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3632	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C3534	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3633	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C3535	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3634	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C3536	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3635	1-126-205-11	ELECT CHIP 47uF	20% 6.3V
C3537	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3644	1-126-210-21	ELECT CHIP 220uF	20% 4V
C3538	1-162-916-11	CERAMIC CHIP 12PF	5% 50V	C3646	1-126-206-11	ELECT CHIP 100uF	20% 6.3V
C3539	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3655	1-126-206-11	ELECT CHIP 100uF	20% 6.3V
C3540	1-162-916-11	CERAMIC CHIP 12PF	5% 50V	C3656	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C3541	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3657	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C3542	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3661	1-165-908-11	CERAMIC CHIP 1uF	10% 10V
C3543	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	C3662	1-165-908-11	CERAMIC CHIP 1uF	10% 10V
C3544	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	< CONNECTOR >			
C3545	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	CN3501	1-820-735-31	HDMI CONNECTOR (HDMI SAT IN)	
C3547	1-100-053-21	ELECT CHIP 220uF	20% 6.3V	CN3502	1-820-735-31	HDMI CONNECTOR (HDMI DVD IN)	
C3548	1-126-210-21	ELECT CHIP 220uF	20% 4V	CN3503	1-820-735-31	HDMI CONNECTOR (HDMI BD IN)	
C3549	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	CN3504	1-820-735-31	HDMI CONNECTOR (HDMI OUT)	
C3550	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	CN3509	1-779-993-11	PIN, CONNECTOR (PWB) 5P	
C3551	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	CN3510	1-784-859-51	CONNECTOR, FFC (LIF (NON-ZIF)) 7P	
C3552	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	CN3511	1-820-116-41	CONNECTOR, FFC/FPC 17P	
C3553	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	< DIODE >			
C3555	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	D3501	8-719-049-09	DIODE 1SS367-T3SONY	
C3556	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	D3502	8-719-049-09	DIODE 1SS367-T3SONY	
C3557	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	D3510	8-719-053-18	DIODE 1SR154-400TE-25	
C3558	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	< EARTH TERMINAL >			
C3561	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	* ET3504	1-780-408-11	TERMINAL	
C3562	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	< FERRITE BEAD >			
C3563	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	FB3501	1-414-234-22	INDUCTOR, FERRITE BEAD	
C3564	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	FB3502	1-414-234-22	INDUCTOR, FERRITE BEAD	
C3566	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	FB3503	1-414-234-22	INDUCTOR, FERRITE BEAD	
C3567	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	FB3504	1-414-234-22	INDUCTOR, FERRITE BEAD	
C3568	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	FB3505	1-414-234-22	INDUCTOR, FERRITE BEAD	
C3569	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	FB3506	1-414-234-22	INDUCTOR, FERRITE BEAD	
C3570	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V	FB3508	1-414-234-22	INDUCTOR, FERRITE BEAD	
C3571	1-126-205-11	ELECT CHIP 47uF	20% 6.3V	FB3509	1-469-152-11	FERRITE, EMI (SMD) (2012)	
C3572	1-126-206-11	ELECT CHIP 100uF	20% 6.3V	FB3510	1-414-234-22	INDUCTOR, FERRITE BEAD	
C3573	1-126-205-11	ELECT CHIP 47uF	20% 6.3V				
C3574	1-126-210-21	ELECT CHIP 220uF	20% 4V				
C3575	1-100-053-21	ELECT CHIP 220uF	20% 6.3V				
C3576	1-126-206-11	ELECT CHIP 100uF	20% 6.3V				

Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description			Remark
FB3511	1-414-234-22	INDUCTOR, FERRITE BEAD					R3556	1-216-809-11	METAL CHIP	100	5%	1/10W
FB3512	1-414-234-22	INDUCTOR, FERRITE BEAD					R3557	1-216-805-11	METAL CHIP	47	5%	1/10W
FB3513	1-414-234-22	INDUCTOR, FERRITE BEAD					R3562	1-216-864-11	SHORT CHIP	0		
FB3514	1-414-234-22	INDUCTOR, FERRITE BEAD					R3563	1-216-809-11	METAL CHIP	100	5%	1/10W
FB3515	1-414-234-22	INDUCTOR, FERRITE BEAD					R3564	1-216-805-11	METAL CHIP	47	5%	1/10W
FB3516	1-469-139-21	FERRITE, EMI (SMD) (2012)					R3565	1-216-805-11	METAL CHIP	47	5%	1/10W
FB3517	1-469-139-21	FERRITE, EMI (SMD) (2012)					R3566	1-216-807-11	METAL CHIP	68	5%	1/10W
		< IC >					R3567	1-216-807-11	METAL CHIP	68	5%	1/10W
IC3501	6-707-842-01	IC TC74LCX08FT (EKJ)					R3570	1-216-809-11	METAL CHIP	100	5%	1/10W
IC3503	8-753-282-08	IC CXB1444R-T6					R3576	1-216-805-11	METAL CHIP	47	5%	1/10W
IC3504	8-759-596-39	IC SN74LV4052APWR					R3577	1-216-805-11	METAL CHIP	47	5%	1/10W
IC3509	6-704-001-01	IC BR24L02F-WSE2					R3578	1-216-809-11	METAL CHIP	100	5%	1/10W
IC3511	(Not supplied)	IC SI9013CLU					R3579	1-216-833-11	METAL CHIP	10K	5%	1/10W
IC3513	(Not supplied)	IC SI9030CTU-7					R3580	1-218-839-11	METAL CHIP	470	0.5%	1/10W
IC3516	6-705-337-01	IC TK11150CSCL-G					R3581	1-216-833-11	METAL CHIP	10K	5%	1/10W
IC3519	A-1629-330-A	IC R5F3640DDFBR-128					R3582	1-216-793-11	METAL CHIP	4.7	5%	1/10W
IC3521	8-759-596-39	IC SN74LV4052APWR					R3583	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
IC3526	6-712-613-01	IC SI-3010KM-TLS					R3584	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
IC3528	6-712-613-01	IC SI-3010KM-TLS					R3585	1-216-864-11	SHORT CHIP	0		
IC3532	6-707-879-01	IC TC74VHC541FT (EKJ)					R3586	1-216-864-11	SHORT CHIP	0		
IC3533	6-704-099-01	IC TC7WZ08FK (TE85R)					R3587	1-216-864-11	SHORT CHIP	0		
		< TRANSISTOR >					R3588	1-216-864-11	SHORT CHIP	0		
Q3504	6-550-014-01	TRANSISTOR SSM6N15FU (TE85R)					R3589	1-216-864-11	SHORT CHIP	0		
		< RESISTOR >					R3590	1-216-864-11	SHORT CHIP	0		
R3500	1-216-833-11	METAL CHIP	10K	5%	1/10W		R3591	1-216-864-11	SHORT CHIP	0		
R3502	1-216-864-11	SHORT CHIP	0				R3592	1-216-864-11	SHORT CHIP	0		
R3504	1-216-864-11	SHORT CHIP	0				R3593	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3506	1-216-864-11	SHORT CHIP	0				R3594	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3509	1-216-801-11	METAL CHIP	22	5%	1/10W		R3595	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3511	1-216-841-11	METAL CHIP	47K	5%	1/10W		R3597	1-216-864-11	SHORT CHIP	0		
R3512	1-216-801-11	METAL CHIP	22	5%	1/10W		R3599	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R3513	1-216-841-11	METAL CHIP	47K	5%	1/10W		R3600	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R3514	1-216-841-11	METAL CHIP	47K	5%	1/10W		R3601	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3519	1-216-864-11	SHORT CHIP	0				R3602	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3521	1-216-833-11	METAL CHIP	10K	5%	1/10W		R3603	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3524	1-216-833-11	METAL CHIP	10K	5%	1/10W		R3604	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3525	1-216-864-11	SHORT CHIP	0				R3605	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3526	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W		R3608	1-216-805-11	METAL CHIP	47	5%	1/10W
R3527	1-216-833-11	METAL CHIP	10K	5%	1/10W		R3609	1-216-805-11	METAL CHIP	47	5%	1/10W
R3528	1-216-833-11	METAL CHIP	10K	5%	1/10W		R3610	1-216-805-11	METAL CHIP	47	5%	1/10W
R3532	1-216-833-11	METAL CHIP	10K	5%	1/10W		R3611	1-216-805-11	METAL CHIP	47	5%	1/10W
R3533	1-216-833-11	METAL CHIP	10K	5%	1/10W		R3612	1-216-805-11	METAL CHIP	47	5%	1/10W
R3534	1-216-833-11	METAL CHIP	10K	5%	1/10W		R3613	1-216-805-11	METAL CHIP	47	5%	1/10W
R3535	1-216-864-11	SHORT CHIP	0				R3614	1-216-805-11	METAL CHIP	47	5%	1/10W
R3536	1-216-864-11	SHORT CHIP	0				R3615	1-216-805-11	METAL CHIP	47	5%	1/10W
R3541	1-216-833-11	METAL CHIP	10K	5%	1/10W		R3616	1-216-805-11	METAL CHIP	47	5%	1/10W
R3542	1-216-864-11	SHORT CHIP	0				R3621	1-216-805-11	METAL CHIP	47	5%	1/10W
R3544	1-216-805-11	METAL CHIP	47	5%	1/10W		R3622	1-216-805-11	METAL CHIP	47	5%	1/10W
R3545	1-216-805-11	METAL CHIP	47	5%	1/10W		R3623	1-216-805-11	METAL CHIP	47	5%	1/10W
R3546	1-216-857-11	METAL CHIP	1M	5%	1/10W		R3624	1-216-801-11	METAL CHIP	22	5%	1/10W
R3548	1-216-803-11	METAL CHIP	33	5%	1/10W		R3625	1-216-801-11	METAL CHIP	22	5%	1/10W
R3549	1-216-809-11	METAL CHIP	100	5%	1/10W		R3633	1-216-864-11	SHORT CHIP	0		
R3550	1-216-809-11	METAL CHIP	100	5%	1/10W		R3634	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3551	1-216-809-11	METAL CHIP	100	5%	1/10W		R3639	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3552	1-216-809-11	METAL CHIP	100	5%	1/10W		R3642	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3554	1-216-809-11	METAL CHIP	100	5%	1/10W		R3645	1-216-809-11	METAL CHIP	100	5%	1/10W
							R3652	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
							R3653	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
							R3660	1-216-864-11	SHORT CHIP	0		

Note: When IC3511 and IC3513 on the HDMI RE board are damaged, exchange the new HDMI RE board for the HDMI RE board which IC damaged.

STR-DH700

HDMI RE	HEADPHONE	MAIN
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Ref. No.	Part No.	Description	Remark		
R3661	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3662	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3663	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3676	1-216-809-11	METAL CHIP	100	5%	1/10W
R3700	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3741	1-216-817-11	METAL CHIP	470	5%	1/10W
R3744	1-216-801-11	METAL CHIP	22	5%	1/10W
R3745	1-216-801-11	METAL CHIP	22	5%	1/10W
R3747	1-216-864-11	SHORT CHIP	0		
R3748	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R3749	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R3750	1-216-805-11	METAL CHIP	47	5%	1/10W
R3775	1-216-797-11	METAL CHIP	10	5%	1/10W
R3776	1-216-797-11	METAL CHIP	10	5%	1/10W
R3779	1-216-801-11	METAL CHIP	22	5%	1/10W
R3780	1-216-801-11	METAL CHIP	22	5%	1/10W
R3790	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3791	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3793	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3796	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3797	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3798	1-216-864-11	SHORT CHIP	0		
R3799	1-216-805-11	METAL CHIP	47	5%	1/10W
R3801	1-216-864-11	SHORT CHIP	0		
R3802	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3806	1-216-864-11	SHORT CHIP	0		
R3813	1-216-805-11	METAL CHIP	47	5%	1/10W
R3830	1-216-864-11	SHORT CHIP	0		
R3831	1-216-813-11	METAL CHIP	220	5%	1/10W
R3832	1-216-864-11	SHORT CHIP	0		
R3833	1-216-813-11	METAL CHIP	220	5%	1/10W
R3834	1-216-813-11	METAL CHIP	220	5%	1/10W
R3835	1-216-813-11	METAL CHIP	220	5%	1/10W
R3836	1-216-864-11	SHORT CHIP	0		
R3837	1-216-813-11	METAL CHIP	220	5%	1/10W
R3838	1-216-811-11	METAL CHIP	150	5%	1/10W
R3843	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3847	1-216-864-11	SHORT CHIP	0		
R3848	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3849	1-218-990-81	SHORT CHIP	0		
R3850	1-218-990-81	SHORT CHIP	0		
R3851	1-218-990-81	SHORT CHIP	0		
R3852	1-218-990-81	SHORT CHIP	0		
R3853	1-218-990-81	SHORT CHIP	0		
R3854	1-218-990-81	SHORT CHIP	0		
R3855	1-218-990-81	SHORT CHIP	0		
R3856	1-218-990-81	SHORT CHIP	0		
R3857	1-218-851-11	METAL CHIP	1.5K	0.5%	1/10W
R3858	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R3859	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R3860	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W
R3861	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R3862	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R3867	1-216-857-91	METAL CHIP	1M	5%	1/10W
< COMPOSITION CIRCUIT BLOCK >					
RB3501	1-234-723-21	RES, NETWORK	75 (1005X4)		
RB3502	1-234-372-11	RES, NETWORK	100 (1005X4)		
RB3503	1-234-723-21	RES, NETWORK	75 (1005X4)		
RB3504	1-234-372-11	RES, NETWORK	100 (1005X4)		
RB3505	1-234-723-21	RES, NETWORK	75 (1005X4)		

Ref. No.	Part No.	Description	Remark		
RB3506	1-234-723-21	RES, NETWORK	75 (1005X4)		
< VIBRATOR >					
X3501	1-813-570-21	VIBRATOR, CRYSTAL (28.322MHz)			
X3502	1-795-244-11	VIBRATOR, CERAMIC (10MHz)			

HEADPHONE BOARD					

< CONNECTOR >					
* CNP300	1-564-507-11	PLUG, CONNECTOR 4P			
< JACK >					
J300	1-822-554-21	JACK (PHONES)			

A-1617-335-A		MAIN BOARD, COMPLETE (US, CND)			
A-1617-336-A		MAIN BOARD, COMPLETE (AEP, UK)			

7-685-646-79		SCREW +BVTP 3X8 TYPE2 IT-3			
< CAPACITOR >					
C401	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C402	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C403	1-126-943-11	ELECT	2200uF	20%	25V
C404	1-126-942-61	ELECT	1000uF	20%	25V
C406	1-137-958-91	MYLAR	0.22uF	5%	100V
C407	1-137-958-91	MYLAR	0.22uF	5%	100V
C408	1-109-932-15	ELECT (BLOCK)	10000uF	20%	71V
C409	1-109-932-15	ELECT (BLOCK)	10000uF	20%	71V
C412	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
C413	1-112-084-11	ELECT	470uF	20%	16V
C414	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
C415	1-112-084-11	ELECT	470uF	20%	16V
C441	1-126-963-11	ELECT	4.7uF	20%	50V
C535	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C537	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C538	1-126-963-11	ELECT	4.7uF	20%	50V
C539	1-126-963-11	ELECT	4.7uF	20%	50V
C540	1-126-963-11	ELECT	4.7uF	20%	50V
C541	1-126-963-11	ELECT	4.7uF	20%	50V
C551	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C552	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C553	1-112-089-11	ELECT	47uF	20%	25V
C554	1-112-089-11	ELECT	47uF	20%	25V
C555	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C556	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C581	1-126-924-11	ELECT	330uF	20%	10V
C582	1-126-924-11	ELECT	330uF	20%	10V
C583	1-126-964-11	ELECT	10uF	20%	50V
C603	1-126-964-11	ELECT	10uF	20%	50V
C604	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C605	1-101-810-00	CERAMIC	100PF	5%	500V
C606	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C607	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C608	1-126-923-91	ELECT	220uF	20%	10V
C609	1-126-964-11	ELECT	10uF	20%	50V
C610	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C611	1-101-810-00	CERAMIC	100PF	5%	500V

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C612	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C677	1-162-815-11	CERAMIC	47PF	5%	500V
C613	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C678	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C614	1-126-923-91	ELECT	220uF	20%	10V	C679	1-136-157-00	FILM	0.022uF	5%	50V
C616	1-126-964-11	ELECT	10uF	20%	50V	C680	1-126-947-11	ELECT	47uF	20%	35V
C617	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C681	1-162-815-11	CERAMIC	47PF	5%	500V
C618	1-101-810-00	CERAMIC	100PF	5%	500V	C682	1-162-815-11	CERAMIC	47PF	5%	500V
C619	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C683	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C620	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C684	1-136-157-00	FILM	0.022uF	5%	50V
C621	1-126-923-91	ELECT	220uF	20%	10V	C685	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C622	1-126-964-11	ELECT	10uF	20%	50V	C686	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C623	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C687	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C624	1-101-810-00	CERAMIC	100PF	5%	500V	C688	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C625	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C689	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C626	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C690	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C627	1-126-923-91	ELECT	220uF	20%	10V	C691	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C631	1-126-964-11	ELECT	10uF	20%	50V	C692	1-126-947-11	ELECT	47uF	20%	35V
C632	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C693	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C633	1-101-810-00	CERAMIC	100PF	5%	500V	C694	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C634	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C695	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C635	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C697	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C636	1-126-923-91	ELECT	220uF	20%	10V	C698	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C637	1-126-964-11	ELECT	10uF	20%	50V	C699	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C638	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C700	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C639	1-101-810-00	CERAMIC	100PF	5%	500V	C701	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C640	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C702	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C641	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C703	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C642	1-126-923-91	ELECT	220uF	20%	10V	CC500	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C644	1-126-964-11	ELECT	10uF	20%	50V	CC501	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C645	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	CC504	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C646	1-101-810-00	CERAMIC	100PF	5%	500V	CC505	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C647	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	CC506	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C648	1-107-583-11	CERAMIC	3PF	0.25PF	500V	CC507	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C649	1-126-923-91	ELECT	220uF	20%	10V	CC508	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C650	1-126-947-11	ELECT	47uF	20%	35V	CC521	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C651	1-162-815-11	CERAMIC	47PF	5%	500V	CC522	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C652	1-162-815-11	CERAMIC	47PF	5%	500V	CC523	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C653	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	CC524	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C654	1-136-157-00	FILM	0.022uF	5%	50V	CC525	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C655	1-126-947-11	ELECT	47uF	20%	35V	CC526	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C656	1-162-815-11	CERAMIC	47PF	5%	500V	CC527	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C657	1-162-815-11	CERAMIC	47PF	5%	500V	CC528	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C658	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	CC529	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C659	1-136-157-00	FILM	0.022uF	5%	50V						
C660	1-126-947-11	ELECT	47uF	20%	35V						
C661	1-162-815-11	CERAMIC	47PF	5%	500V						
C662	1-162-815-11	CERAMIC	47PF	5%	500V						
C663	1-162-960-11	CERAMIC CHIP	220PF	10%	50V						
C664	1-136-157-00	FILM	0.022uF	5%	50V						
C665	1-126-947-11	ELECT	47uF	20%	35V						
C666	1-162-815-11	CERAMIC	47PF	5%	500V						
C667	1-162-815-11	CERAMIC	47PF	5%	500V						
C668	1-162-960-11	CERAMIC CHIP	220PF	10%	50V						
C669	1-136-157-00	FILM	0.022uF	5%	50V						
C670	1-126-947-11	ELECT	47uF	20%	35V						
C671	1-162-815-11	CERAMIC	47PF	5%	500V						
C672	1-162-815-11	CERAMIC	47PF	5%	500V						
C673	1-162-960-11	CERAMIC CHIP	220PF	10%	50V						
C674	1-136-157-00	FILM	0.022uF	5%	50V						
C675	1-126-947-11	ELECT	47uF	20%	35V						
C676	1-162-815-11	CERAMIC	47PF	5%	500V						

MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
CC530	1-162-927-11	CERAMIC CHIP 100PF 5% 50V (AEP, UK)		D617	6-501-817-01	DIODE MA2J1110GLS0	
CC531	1-162-927-11	CERAMIC CHIP 100PF 5% 50V (AEP, UK)				< FUSE >	
CC532	1-162-927-11	CERAMIC CHIP 100PF 5% 50V (AEP, UK)		F401	1-523-084-11	FUSE 2A 250V	
CC533	1-162-927-11	CERAMIC CHIP 100PF 5% 50V (AEP, UK)		F402	1-523-084-11	FUSE 2A 250V	
CC534	1-162-927-11	CERAMIC CHIP 100PF 5% 50V (AEP, UK)				< FUSE HOLDER >	
CC536	1-162-966-11	CERAMIC CHIP 0.0022uF 10% 50V (AEP, UK)		FH001	1-533-217-41	HOLDER, FUSE	
		< CONNECTOR >		FH002	1-533-217-41	HOLDER, FUSE	
* CN553	1-564-506-11	PLUG, CONNECTOR 3P		FH003	1-533-217-41	HOLDER, FUSE	
CN554	1-564-242-00	PIN, CONNECTOR (3.96mm PITCH) 5P		FH004	1-533-217-41	HOLDER, FUSE	
CN555	1-770-385-11	CONNECTOR, BOARD TO BOARD 18P				< IC >	
CN556	1-770-385-11	CONNECTOR, BOARD TO BOARD 18P		IC412	6-712-294-01	IC KIA7807API-U/PI	
		< COMPOSITION CIRCUIT BLOCK >		IC413	6-712-295-01	IC KIA7907PI	
CP600	1-234-182-11	ENCAPSULATED COMPONENT		IC551	6-711-760-01	IC BD3471KS2	
CP601	1-234-182-11	ENCAPSULATED COMPONENT		IC600	6-710-828-01	IC STK350-530T-E	
CP602	1-234-182-11	ENCAPSULATED COMPONENT		IC601	6-710-828-01	IC STK350-530T-E	
CP603	1-234-182-11	ENCAPSULATED COMPONENT					
CP604	1-234-182-11	ENCAPSULATED COMPONENT		IC602	6-710-828-01	IC STK350-530T-E	
CP605	1-234-182-11	ENCAPSULATED COMPONENT		IC603	6-710-828-01	IC STK350-530T-E	
CP606	1-234-182-11	ENCAPSULATED COMPONENT				< JACK >	
		< DIODE >		J521	1-774-411-11	JACK, PIN 6P (SA-CD/CD/CD-R IN OUT, TV IN)	
D401	8-719-053-18	DIODE 1SR154-400TE-25		J522	1-794-981-11	JACK, PIN 4P (SAT AUDIO IN, BD AUDIO IN)	
D402	8-719-053-18	DIODE 1SR154-400TE-25		J523	1-794-981-11	JACK, PIN 4P (VIDEO1 AUDIO IN, AUDIO OUT)	
D403	8-719-053-18	DIODE 1SR154-400TE-25		J524	1-774-785-11	JACK, PIN 1P (SUBWOOFER AUDIO OUT)	
D404	8-719-053-18	DIODE 1SR154-400TE-25				< JUMPER RESISTOR >	
D406	6-501-817-01	DIODE MA2J1110GLS0		JR401	1-216-864-11	SHORT CHIP 0	
D407	8-719-081-52	DIODE D5SBA20-4003		JR402	1-216-864-11	SHORT CHIP 0	
D412	8-719-053-18	DIODE 1SR154-400TE-25		JR403	1-216-864-11	SHORT CHIP 0	
D421	6-501-817-01	DIODE MA2J1110GLS0		JR404	1-216-864-11	SHORT CHIP 0	
D422	6-501-817-01	DIODE MA2J1110GLS0		JR405	1-216-864-11	SHORT CHIP 0	
D423	6-501-817-01	DIODE MA2J1110GLS0				< COIL >	
D425	6-501-817-01	DIODE MA2J1110GLS0		L600	1-420-872-52	COIL, AIR-CORE	
D441	6-501-817-01	DIODE MA2J1110GLS0		L601	1-420-872-52	COIL, AIR-CORE	
D451	6-501-817-01	DIODE MA2J1110GLS0		L602	1-420-872-52	COIL, AIR-CORE	
D581	6-500-335-01	DIODE MC2838-T112-1		L603	1-420-872-52	COIL, AIR-CORE	
D582	6-500-335-01	DIODE MC2838-T112-1		L604	1-420-872-52	COIL, AIR-CORE	
D600	6-501-817-01	DIODE MA2J1110GLS0					
D601	6-501-817-01	DIODE MA2J1110GLS0		L605	1-420-872-52	COIL, AIR-CORE	
D602	6-501-817-01	DIODE MA2J1110GLS0		L606	1-420-872-52	COIL, AIR-CORE	
D603	6-501-817-01	DIODE MA2J1110GLS0				< TRANSISTOR >	
D604	6-501-817-01	DIODE MA2J1110GLS0		Q406	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
D605	6-501-817-01	DIODE MA2J1110GLS0		Q421	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
D606	6-501-817-01	DIODE MA2J1110GLS0		Q422	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
D607	6-501-817-01	DIODE MA2J1110GLS0		Q423	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
D608	6-501-817-01	DIODE MA2J1110GLS0		Q425	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
D609	6-501-817-01	DIODE MA2J1110GLS0					
D610	6-501-817-01	DIODE MA2J1110GLS0		Q441	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
D611	6-501-817-01	DIODE MA2J1110GLS0		Q451	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
D612	6-501-817-01	DIODE MA2J1110GLS0		Q581	8-729-216-31	TRANSISTOR 2SA1163-G	
D613	6-501-817-01	DIODE MA2J1110GLS0		Q582	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
D614	6-501-734-01	DIODE MAZ8056GMLS0		Q583	8-729-216-31	TRANSISTOR 2SA1163-G	
D615	6-501-817-01	DIODE MA2J1110GLS0					
D616	6-501-817-01	DIODE MA2J1110GLS0		Q584	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
				Q585	8-729-271-31	TRANSISTOR 2SC2713-G	
				Q600	8-729-119-76	TRANSISTOR 2SA1175-HFE	
				Q601	8-729-922-39	TRANSISTOR 2SD2144S-V	
				Q602	8-729-216-31	TRANSISTOR 2SA1163-G	
				Q603	8-729-216-31	TRANSISTOR 2SA1163-G	

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
Q604	8-729-119-76	TRANSISTOR	2SA1175-HFE			R531	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q605	8-729-922-39	TRANSISTOR	2SD2144S-V			R532	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q606	8-729-216-31	TRANSISTOR	2SA1163-G			R533	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q607	8-729-216-31	TRANSISTOR	2SA1163-G			R534	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R535	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q608	8-729-119-76	TRANSISTOR	2SA1175-HFE			R536	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q609	8-729-922-39	TRANSISTOR	2SD2144S-V			R551	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q610	8-729-216-31	TRANSISTOR	2SA1163-G			R552	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q611	8-729-216-31	TRANSISTOR	2SA1163-G			R553	1-249-385-11	CARBON	2.2	5%	1/4W
Q612	8-729-119-76	TRANSISTOR	2SA1175-HFE			R554	1-249-385-11	CARBON	2.2	5%	1/4W
Q613	8-729-922-39	TRANSISTOR	2SD2144S-V			R581	1-218-292-11	METAL CHIP	20K	5%	1/10W
Q614	8-729-216-31	TRANSISTOR	2SA1163-G			R582	1-216-840-11	METAL CHIP	39K	5%	1/10W
Q615	8-729-216-31	TRANSISTOR	2SA1163-G			R583	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
Q616	8-729-119-76	TRANSISTOR	2SA1175-HFE			R584	1-216-840-11	METAL CHIP	39K	5%	1/10W
Q617	8-729-922-39	TRANSISTOR	2SD2144S-V			R585	1-216-833-11	METAL CHIP	10K	5%	1/10W
Q618	8-729-216-31	TRANSISTOR	2SA1163-G			R586	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q619	8-729-216-31	TRANSISTOR	2SA1163-G			R600	1-216-843-11	METAL CHIP	68K	5%	1/10W
Q620	8-729-119-76	TRANSISTOR	2SA1175-HFE			R601	1-249-377-11	CARBON	0.47	5%	1/4W
Q621	8-729-922-39	TRANSISTOR	2SD2144S-V			R602	1-249-377-11	CARBON	0.47	5%	1/4W
Q622	8-729-216-31	TRANSISTOR	2SA1163-G			R604	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q623	8-729-216-31	TRANSISTOR	2SA1163-G			R605	1-216-843-11	METAL CHIP	68K	5%	1/10W
Q624	8-729-119-76	TRANSISTOR	2SA1175-HFE			R606	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
Q625	8-729-922-39	TRANSISTOR	2SD2144S-V			R607	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
Q626	8-729-216-31	TRANSISTOR	2SA1163-G			R610	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q627	8-729-216-31	TRANSISTOR	2SA1163-G			R611	1-216-843-11	METAL CHIP	68K	5%	1/10W
< RESISTOR >											
R406	1-249-399-11	CARBON	33	5%	1/4W	R612	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R407	1-249-401-11	CARBON	47	5%	1/4W	R613	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
R408	1-216-841-11	METAL CHIP	47K	5%	1/10W	R616	1-216-821-11	METAL CHIP	1K	5%	1/10W
R409	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R617	1-216-843-11	METAL CHIP	68K	5%	1/10W
R421	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R618	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R422	1-249-399-11	CARBON	33	5%	1/4W	R619	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
R424	1-216-841-11	METAL CHIP	47K	5%	1/10W	R621	1-216-821-11	METAL CHIP	1K	5%	1/10W
R425	1-216-821-11	METAL CHIP	1K	5%	1/10W	R622	1-216-843-11	METAL CHIP	68K	5%	1/10W
R426	1-249-399-11	CARBON	33	5%	1/4W	R623	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R428	1-216-841-11	METAL CHIP	47K	5%	1/10W	R624	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
R429	1-216-821-11	METAL CHIP	1K	5%	1/10W	R627	1-216-821-11	METAL CHIP	1K	5%	1/10W
R430	1-249-399-11	CARBON	33	5%	1/4W	R628	1-216-843-11	METAL CHIP	68K	5%	1/10W
R432	1-216-841-11	METAL CHIP	47K	5%	1/10W	R629	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R437	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R630	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
R438	1-249-399-11	CARBON	33	5%	1/4W	R632	1-216-821-11	METAL CHIP	1K	5%	1/10W
R440	1-216-841-11	METAL CHIP	47K	5%	1/10W	R633	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R441	1-216-845-11	METAL CHIP	100K	5%	1/10W	R634	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
R442	1-216-821-11	METAL CHIP	1K	5%	1/10W	R637	1-216-821-11	METAL CHIP	1K	5%	1/10W
R443	1-216-841-11	METAL CHIP	47K	5%	1/10W	R638	1-216-843-11	METAL CHIP	68K	5%	1/10W
R444	1-216-833-11	METAL CHIP	10K	5%	1/10W	R639	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R445	1-216-841-11	METAL CHIP	47K	5%	1/10W	R640	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
R446	1-249-409-11	CARBON	220	5%	1/4W	R641	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R451	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R642	1-216-844-11	METAL CHIP	82K	5%	1/10W
R453	1-249-401-11	CARBON	47	5%	1/4W	R643	1-216-818-11	METAL CHIP	560	5%	1/10W
R454	1-216-841-11	METAL CHIP	47K	5%	1/10W	R644	1-249-405-11	CARBON	100	5%	1/4W
R455	1-215-891-11	METAL OXIDE	680	5%	2W	R645	1-249-405-11	CARBON	100	5%	1/4W
R456	1-215-891-11	METAL OXIDE	680	5%	2W	R646	1-216-214-00	RES-CHIP	4.7K	2%	1/8W
R521	1-216-821-11	METAL CHIP	1K	5%	1/10W	R647	1-240-855-91	CARBON	6.2K	5%	1/4W
R522	1-216-821-11	METAL CHIP	1K	5%	1/10W	R648	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R523	1-216-821-11	METAL CHIP	1K	5%	1/10W	R649	1-216-835-11	METAL CHIP	15K	5%	1/10W
R524	1-216-821-11	METAL CHIP	1K	5%	1/10W	R650	1-216-843-11	METAL CHIP	68K	5%	1/10W
R525	1-216-821-11	METAL CHIP	1K	5%	1/10W	R651	1-249-389-11	CARBON	4.7	5%	1/4W
R526	1-216-821-11	METAL CHIP	1K	5%	1/10W	R652	1-249-393-11	CARBON	10	5%	1/4W
R527	1-216-821-11	METAL CHIP	1K	5%	1/10W	R653	1-216-841-11	METAL CHIP	47K	5%	1/10W
R530	1-216-821-11	METAL CHIP	1K	5%	1/10W	R654	1-216-825-11	METAL CHIP	2.2K	5%	1/10W

MAIN

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STANDBY DCDC

S-AIR

POWER KEY

THERMAL SENSOR

MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
RY425	1-755-170-11	RELAY (12V)		< RESISTOR >			
RY441	1-755-267-11	RELAY		R862	1-216-864-11	SHORT CHIP 0	
RY451	1-755-170-11	RELAY (12V)		R863	1-216-864-11	SHORT CHIP 0	
		< TERMINAL >		R866	1-216-833-11	METAL CHIP 10K 5%	1/10W
				R867	1-216-833-11	METAL CHIP 10K 5%	1/10W
				R868	1-216-833-11	METAL CHIP 10K 5%	1/10W
TB500	1-780-215-11	TERMINAL BOARD (SP) (4P)					
		(SPEAKERS FRONT A)		R869	1-216-864-11	SHORT CHIP 0	
TB502	1-694-785-11	TERMINAL BOARD (SPEAKERS SURROUND)		R870	1-216-864-11	SHORT CHIP 0	
TB503	1-694-805-11	TERMINAL BOARD (SPEAKERS CENTER, SURROUND BACK/BI-AMP/FRONT B)		R871	1-216-833-11	METAL CHIP 10K 5%	1/10W
*****				*****			
		THERMAL SENSOR BOARD		A-1617-347-A	STANDBY DCDC BOARD, COMPLETE (US, CND)		
		*****		A-1617-348-A	STANDBY DCDC BOARD, COMPLETE (AEP, UK)		

		<CAPACITOR>		7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3		
						< CAPACITOR >	
C250	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V					
		(EXCEPT US)		C911	1-130-777-00	MYLAR 0.1uF 5%	100V
C251	1-165-908-11	CERAMIC CHIP 1uF 10% 10V		C912	1-130-777-00	MYLAR 0.1uF 5%	100V
		(EXCEPT US)		C914	1-126-942-61	ELECT 1000uF 20%	25V
C252	1-165-908-11	CERAMIC CHIP 1uF 10% 10V		C917	1-126-941-11	ELECT 470uF 20%	25V
C270	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V (US)		C918	1-137-980-91	CERAMIC CHIP 0.47uF 10%	50V
C271	1-165-908-11	CERAMIC CHIP 1uF 10% 10V (US)					
		<DIODE>		C919	1-137-980-91	CERAMIC CHIP 0.47uF 10%	50V
D250	6-501-738-01	DIODE MAZ8062GMLS0 (EXCEPT US)		C921	1-126-947-11	ELECT 47uF 20%	35V
D270	6-501-738-01	DIODE MAZ8062GMLS0 (US)		C923	1-126-936-11	ELECT 3300uF 20%	16V
		<IC>		C924	1-126-960-11	ELECT 1uF 20%	50V
				C925	1-104-329-11	CERAMIC CHIP 0.1uF 10%	50V
IC250	6-710-072-01	IC LM61CIZ/LFT2 (EXCEPT US)					
IC251	6-710-072-01	IC LM61CIZ/LFT2 (EXCEPT US)		C926	1-126-942-61	ELECT 1000uF 20%	25V
IC270	6-710-072-01	IC LM61CIZ/LFT2 (US)		C927	1-104-329-11	CERAMIC CHIP 0.1uF 10%	50V
		<RESISTOR>		C971	1-125-891-11	CERAMIC CHIP 0.47uF 10%	10V
				C972	1-125-891-11	CERAMIC CHIP 0.47uF 10%	10V
R250	1-216-809-11	METAL CHIP 100 5% 1/10W		C980	1-128-959-21	ELECT 1000uF 20%	35V
		(EXCEPT US)					
R270	1-216-809-11	METAL CHIP 100 5% 1/10W		C981	1-100-566-91	CERAMIC CHIP 0.1uF 10%	25V
		(EXCEPT US)		C982	1-128-950-21	ELECT 1000uF 20%	16V
*****				C990	1-128-959-21	ELECT 1000uF 20%	35V
		POWER KEY BOARD		C991	1-126-944-11	ELECT 3300uF 20%	25V
		*****		C992	1-100-566-91	CERAMIC CHIP 0.1uF 10%	25V
		< RESISTOR >					
				C993	1-128-950-21	ELECT 1000uF 20%	16V
R128	1-216-821-11	METAL CHIP 1K 5% 1/10W				< CONNECTOR >	
R129	1-216-819-11	METAL CHIP 680 5% 1/10W		* CN905	1-564-508-11	PLUG, CONNECTOR 5P	
		< VARIABLE RESISTOR >				< CONNECTOR >	
RV103	1-418-817-21	ENCODER, ROTARY (+ TONE -)		* CNP904	1-564-507-11	PLUG, CONNECTOR 4P	
		< SWITCH >		CNP922	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P	
				* CNP923	1-565-792-11	PIN, CONNECTOR (3.96mm PITCH) 2P	
						< DIODE >	
S112	1-771-410-21	SWITCH, TACTILE (TONE MODE)		D903	8-719-081-52	DIODE D5SBA20-4003	
S113	1-771-410-21	SWITCH, TACTILE (SPEAKERS)		D911	6-501-361-01	DIODE RB051LA-40TR	
S114	1-771-410-21	SWITCH, TACTILE (I/⌂)		D913	8-719-053-18	DIODE 1SR154-400TE-25	
*****				D920	6-501-361-01	DIODE RB051LA-40TR	
		S-AIR BOARD		D921	6-501-361-01	DIODE RB051LA-40TR	

		< CONNECTOR >		D922	6-501-361-01	DIODE RB051LA-40TR	
				D923	6-501-361-01	DIODE RB051LA-40TR	
CN861	1-770-411-11	CONNECTOR, BOARD TO BOARD 20P		D924	6-501-817-01	DIODE MA2J1110GLS0	
CN862	1-821-744-11	CONNECTOR, CARD EDGE 30P		D925	6-501-817-01	DIODE MA2J1110GLS0	
		(WIRELESS TRANSMITTER EZW-T100)		D926	6-501-361-01	DIODE RB051LA-40TR	

STR-DH700

STANDBY DCDC

VIDEO

Ref. No.	Part No.	Description	Remark			
D927	6-501-817-01	DIODE MA2J1110GLS0				
D980	6-502-218-01	DI RB060M-30				
D991	6-501-361-01	DIODE RB051LA-40TR				
< FUSE >						
F901	1-523-086-11	FUSE 3 15A 250V				
F902	1-523-086-11	FUSE 3 15A 250V				
< FUSE HOLDER >						
FH920	1-533-217-41	HOLDER, FUSE				
FH921	1-533-217-41	HOLDER, FUSE				
< IC >						
IC910	6-712-294-01	IC KIA7807API-U/PF				
IC911	6-705-464-01	IC BA50BC0T				
IC980	8-759-474-09	IC SI-8050S-LF1101				
IC990	8-759-659-28	IC SI-8033S				
< COIL >						
L980	1-456-545-11	INDUCTOR	100uH			
L981	1-457-508-21	INDUCTOR	0.1mH			
L990	1-456-545-11	INDUCTOR	100uH			
L992	1-457-508-21	INDUCTOR	0.1mH			
< TRANSISTOR >						
Q920	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q921	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
Q922	8-729-106-60	TRANSISTOR	2SB1115A-YQ			
Q923	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			
< RESISTOR >						
R921	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R922	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R923	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R924	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R925	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R926	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R927	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R928	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R929	1-249-381-11	CARBON	1	5%	1/4W	
R980	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	
R981	1-216-819-11	METAL CHIP	680	5%	1/10W	
R982	1-216-817-11	METAL CHIP	470	5%	1/10W	
R990	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	
R991	1-216-819-11	METAL CHIP	680	5%	1/10W	
R992	1-216-817-11	METAL CHIP	470	5%	1/10W	
< RELAY >						
RY920	1-755-541-11	RELAY				
< TRANSFORMER >						
△ T920	1-445-670-11	POWER SOURCE TRANSFORMER (SUB)	(US, CND)			
△ T924	1-437-313-11	TRANSFORMER, POWER (SUB)	(AEP, UK)			

Ref. No.	Part No.	Description	Remark			
	A-1617-354-A	VIDEO BOARD, COMPLETE *****				
< CAPACITOR >						
C200	1-126-947-11	ELECT	47uF	20%	35V	
C201	1-100-385-91	CERAMIC CHIP	0.47uF		25V	
C203	1-100-385-91	CERAMIC CHIP	0.47uF		25V	
C204	1-126-947-11	ELECT	47uF	20%	35V	
C205	1-126-964-11	ELECT	10uF	20%	50V	
C206	1-126-964-11	ELECT	10uF	20%	50V	
C207	1-126-964-11	ELECT	10uF	20%	50V	
C208	1-126-964-11	ELECT	10uF	20%	50V	
C209	1-126-964-11	ELECT	10uF	20%	50V	
C210	1-126-964-11	ELECT	10uF	20%	50V	
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	
C214	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C216	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C218	1-126-964-11	ELECT	10uF	20%	50V	
C219	1-126-964-11	ELECT	10uF	20%	50V	
C220	1-126-964-11	ELECT	10uF	20%	50V	
C222	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C224	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C226	1-126-964-11	ELECT	10uF	20%	50V	
C227	1-126-964-11	ELECT	10uF	20%	50V	
C228	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
< CONNECTOR >						
CN202	1-770-408-11	CONNECTOR, BOARD TO BOARD 14P				
< DIODE >						
D210	6-501-817-01	DIODE	MA2J1110GLS0			
D211	6-501-817-01	DIODE	MA2J1110GLS0			
< IC >						
IC201	6-711-998-01	IC	KIA7905PI			
IC202	6-713-031-01	IC	KIA7805API-U/PF			
IC210	6-704-199-01	IC	NJM2595M-TE2			
IC220	6-706-767-01	IC	NJM2586AM			
< JACK >						
J200	1-815-043-11	JACK, PIN 2P (MONITOR VIDEO OUT, VIDEO1 VIDEO IN)				
J201	1-794-978-11	JACK, PIN 3P (VIDEO1 VIDEO OUT, BD VIDEO IN, SAT VIDEO IN)				
J202	1-816-592-11	JACK, PIN 9P (COMPONENT VIDEO MONITOR OUT, VIDEO1 IN, DVD IN)				
J203	1-821-278-12	JACK 3P (COMPONENT VIDEO SAT IN)				
< JUMPER RESISTOR >						
JR210	1-216-864-11	SHORT CHIP	0			
< RESISTOR >						
R200	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R201	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R202	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R203	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R204	1-211-990-11	METAL CHIP	75	0.5%	1/10W	
R205	1-211-990-11	METAL CHIP	75	0.5%	1/10W	

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R206	1-211-990-11	METAL CHIP	75 0.5% 1/10W	4-129-783-41	INSTRUCTION MANUAL (ENGLISH) (AEP, UK)		
R207	1-211-990-11	METAL CHIP	75 0.5% 1/10W	4-129-783-51	INSTRUCTION MANUAL (FRENCH) (AEP)		
R208	1-211-990-11	METAL CHIP	75 0.5% 1/10W	4-129-783-61	INSTRUCTION MANUAL (SPANISH) (AEP)		
R209	1-211-990-11	METAL CHIP	75 0.5% 1/10W	4-129-783-71	INSTRUCTION MANUAL (GERMAN, DUTCH, SWEDISH) (AEP)		
R210	1-211-990-11	METAL CHIP	75 0.5% 1/10W	4-129-783-81	INSTRUCTION MANUAL (ITALIAN, POLISH) (AEP)		
R211	1-211-990-11	METAL CHIP	75 0.5% 1/10W	4-129-784-11	INSTRUCTION MANUAL (DANISH, FINNISH) (AEP)		
R212	1-211-990-11	METAL CHIP	75 0.5% 1/10W	4-129-784-21	INSTRUCTION MANUAL (PORTUGUESE) (AEP)		
R213	1-211-990-11	METAL CHIP	75 0.5% 1/10W	4-129-784-31	INSTRUCTION MANUAL (RUSSIAN) (AEP)		
R220	1-211-990-11	METAL CHIP	75 0.5% 1/10W	4-140-785-11	INSTRUCTION MANUAL (GREEK) (AEP)		
R221	1-211-990-11	METAL CHIP	75 0.5% 1/10W	4-140-785-21	INSTRUCTION MANUAL (TURKISH) (AEP)		
R222	1-211-990-11	METAL CHIP	75 0.5% 1/10W				

MISCELLANEOUS							

57	1-828-633-51	WIRE (FLAT TYPE) (21 CORE)		4-140-785-31	INSTRUCTION MANUAL		
58	1-828-572-51	WIRE (FLAT TYPE) (9 CORE)		(HUNGARIAN, CZECH) (AEP)			
101	1-828-954-11	WIRE (FLAT TYPE) (9 CORE) (US, CND)		4-140-785-41	INSTRUCTION MANUAL (SLOVAKIAN) (AEP)		
101	1-828-964-11	WIRE (FLAT TYPE) (11 CORE)					
104	1-828-002-51	WIRE (FLAT TYPE) (17 CORE)					
△ 106	1-777-071-83	CORD, POWER (AEP, UK)					
△ 106	1-834-270-11	CORD, POWER (US, CND)					
107	1-770-019-71	ADAPTOR, CONVERSION PLUG 3P (UK)					
△ F403	1-532-506-33	FUSE (6.3A 250V)					
△ F404	1-532-506-33	FUSE (6.3A 250V)					
△ F920	1-532-465-33	FUSE (T3.15AL/250V) (AEP, UK)					
△ F920	1-533-311-12	FUSE, GLASS CYLINDRICAL (DIA.5) (8A 125V) (US, CND)					
IC604	6-702-390-01	IC MN2488-OPY-MK					
IC605	6-702-391-01	IC MP1620-OPY-MK					
IC606	6-702-390-01	IC MN2488-OPY-MK					
IC607	6-702-390-01	IC MP1620-OPY-MK					
IC608	6-702-390-01	IC MN2488-OPY-MK					
IC609	6-702-391-01	IC MP1620-OPY-MK					
IC610	6-702-390-01	IC MN2488-OPY-MK					
IC611	6-702-391-01	IC MP1620-OPY-MK					
IC612	6-702-390-01	IC MN2488-OPY-MK					
IC613	6-702-391-01	IC MP1620-OPY-MK					
IC614	6-702-390-01	IC MN2488-OPY-MK					
IC615	6-702-391-01	IC MP1620-OPY-MK					
IC616	6-702-390-01	IC MN2488-OPY-MK					
IC617	6-702-391-01	IC MP1620-OPY-MK					
△ T901	1-445-651-11	POWER TRANSFORMER (MAIN) (US, CND)					
△ T901	1-445-652-11	POWER TRANSFORMER (MAIN) (AEP, UK)					
TN1	1-693-728-31	TUNER (FM/AM) (US, CND)					
TN1	1-693-737-21	TUNER (FM/AM) (AEP, UK)					

ACCESSORIES							

1-480-587-21	REMOTE COMMANDER (RM-AAU023)						
	(including BATTERY LID) (AEP, UK)						
1-480-588-21	REMOTE COMMANDER (RM-AAU021)						
	(including BATTERY LID) (US, CND)						
1-501-374-12	ANTENNA, LOOP (AM)						
1-501-594-14	ANTENNA (FM) (AEP, UK)						
1-542-670-11	MEASUREMENT MIC (MONO)						
1-770-019-71	ADAPTOR, CONVERSION PLUG 3P (UK)						
1-793-184-23	CONNECTOR (F TYPE ADAPTOR) (FM) (US, CND)						
4-129-783-11	INSTRUCTION MANUAL (ENGLISH) (US, CND)						
4-129-783-21	INSTRUCTION MANUAL (FRENCH) (CND)						
4-129-783-31	INSTRUCTION MANUAL (SPANISH) (US)						

REVISION HISTORY

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

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