

STR-DA3200ES/DG1000

SERVICE MANUAL

Ver. 1.0 2006.09

US Model
STR-DA3200ES/DG1000
Canadian Model
AEP Model
UK Model
Taiwan Model
STR-DA3200ES



Photo: STR-DA3200ES

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

* Manufactured under license from Dolby Laboratories.

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** Manufactured under license from Digital Theater Systems, Inc. U.S. Pat.

No's. 5,451,942; 5,956,674; 5,974,380; 5,978,762; 6,226,616; 6,487,535 and other U.S.

and world-wide patents issued and pending.

“DTS”, “DTS-ES”, “Neo:6”, and “DTS 96/24” are trademarks of Digital Theater Systems, Inc.

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SPECIFICATIONS

AUDIO POWER SPECIFICATIONS (US, Canadian models)

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 8 ohm loads, both channels driven, from 20 – 20,000 Hz; rated 120 watts per channel minimum RMS power, with no more than 0.09% total harmonic distortion from 250 milliwatts to rated output.

Amplifier section (US, Canadian models)

POWER OUTPUT

Rated Power Output at Stereo Mode^{1) 2)}

(8 ohms 20 Hz – 20 kHz,
THD 0.09%):
120 W + 120 W

Reference Power Output at Stereo Mode²⁾

(4 ohms 20 Hz – 20 kHz,
THD 0.15%):
120 W + 120 W

Reference Power Output

(8 ohms 1 kHz, THD 0.7%)
FRONT²⁾:

130 W + 130 W

CENTER²⁾:

130 W

SURROUND²⁾:

130 W + 130 W

SURROUND BACK²⁾:

130 W + 130 W

Reference Power Output

(4 ohms 1 kHz, THD 0.7%)
FRONT²⁾:

130 W + 130 W

CENTER²⁾:

130 W

SURROUND²⁾:

130 W + 130 W

SURROUND BACK²⁾:

130 W + 130 W

¹⁾ Depending on the sound field settings and the source, there may be no sound output.

²⁾ Measured under the following conditions:
Power requirements: 120 V AC, 60 Hz

Amplifier section (AEP, UK, Taiwan models)

POWER OUTPUT

Rated Power Output at Stereo Mode^{1) 2)}

(8 ohms 1 kHz, THD
0.7%):
125 W + 125 W

Reference Power Output at Stereo Mode²⁾

(4 ohms 1 kHz, THD

0.7%):

125 W + 125 W

Reference Power Output

(8 ohms 20 Hz – 20 kHz,
THD 0.09%):

FRONT²⁾:

120 W + 120 W

CENTER²⁾:

120 W

SURROUND²⁾:

120 W + 120 W

SURROUND BACK²⁾:

120 W + 120 W

Reference Power Output

(4 ohms 20 Hz – 20 kHz,
THD 0.15%):

FRONT²⁾:

120 W + 120 W

CENTER²⁾:

120 W

SURROUND²⁾:

120 W + 120 W

SURROUND BACK²⁾:

120 W + 120 W

Reference Power Output at Stereo Mode

(8 ohms 1 kHz, THD

10%):

150 W + 150 W

Reference Power Output at Stereo Mode

(4 ohms 1 kHz, THD

10%):

150 W + 150 W

Reference Power Output

(8 ohms 1 kHz, THD 10%)
FRONT²⁾:

150 W + 150 W

CENTER²⁾:

150 W

SURROUND²⁾:

150 W + 150 W

SURROUND BACK²⁾:

150 W + 150 W

Reference Power Output

(4 ohms 1 kHz, THD 10%)

FRONT²⁾:

150 W + 150 W

CENTER²⁾:

150 W

SURROUND²⁾:

150 W + 150 W

SURROUND BACK²⁾:

150 W + 150 W

¹⁾ Depending on the sound field settings and the source, there may be no sound output.

²⁾ Measured under the following conditions:

Power requirements: 230 V AC, 50/60 Hz
(in countries/area in Europe
other than the UK)
240 V AC, 50/60 Hz
(in the UK and general area)

Frequency response

PHONO	RIAA equalization curve ± 0.5 dB
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MULTI CHANNEL INPUT, SA-CD/CD, TAPE/CD-R, MD/DAT, DVD, VIDEO 1/2/3	10 Hz – 100 kHz ± 3 dB
--	---------------------------

Inputs (Analog)

PHONO	Sensitivity: 2.5 mV Impedance: 50 kohms S/N: 96 dB (A, 20 kHz LFF)
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MULTI CHANNEL INPUT, SA-CD/CD, TAPE/CD-R, MD/DAT, DVD, TV/SAT, VIDEO1/2/3	Sensitivity: 150 mV Impedance: 50 kohms S/N: 96 dB (A, 20 kHz LFF)
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Inputs (Digital)

DVD, TAPE/CD-R, SA- CD/CD (Coaxial)	Impedance: 75 ohms S/N: 96 dB (A, 20 kHz LFF)
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VIDEO 1/2/3, TV/SAT, MD/DAT (Optical)	S/N: 96 dB (A, 20 kHz LFF)
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– Continued on next page –

MULTI CHANNEL AV RECEIVER

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Sony Corporation
Home Audio Division
Published by Sony Techno Create Corporation

SONY®

STR-DA3200ES/DG1000

Outputs		Usable sensitivity		Dimensions	
TAPE/CD-R, MD/DAT, VIDEO1/2 (AUDIO OUT)		50 dB μ m (at 1,000 kHz or 999 kHz)		430 $\times$ 175 $\times$ 430 mm (17 $\times$ 7 $\times$ 17 in) (width/height/depth) including projecting parts and controls	
FRONT L/R, CENTER, SURROUND L/R, SURROUND BACK L/R, SUB WOOFER		S/N 54 dB (at 50 mV/m)		Mass (Approx.) 15.5 kg (34 lb 3 oz)	
Voltage: 150 mV Impedance: 1 kohms		Harmonic distortion 0.5% (50 mV/m, 400 Hz)		General (AEP, UK, Taiwan models)	
Voltage: 2 V Impedance: 1 kohms		Selectivity at 9 kHz : 35 dB at 10 kHz : 40 dB			
EQUALIZER		3) ³⁾ You can change the AM tuning scale to either 9 kHz or 10 kHz. After tuning in any AM station, turn off the receiver. While holding down TUNING MODE, press POWER on the receiver. All preset stations will be erased when you change the tuning scale. To reset the scale to 10 kHz (or 9 kHz), repeat the procedure.		Power requirements 230 V AC, 50/60 Hz (in countries/area in Europe other than the UK) 240 V AC, 50/60 Hz (in the UK and general area)	
Gain levels $\pm$ 10 dB, 1 dB step		AM tuner section (AEP, UK, Taiwan models)		Power consumption 480 W (during standby mode) 1 W	
FM tuner section		Tuning range 531 – 1,602 kHz		AC outlets 1 switched, 100 W/0.4 A MAX (Models for countries/ areas in Europe other than the UK.)	
Tuning range 87.5 - 108.0 MHz		Antenna (aerial) Loop antenna (aerial)		Dimensions 430 $\times$ 175 $\times$ 430 mm (width/height/depth) including projecting parts and controls	
Antenna (aerial) FM wire antenna (aerial) terminals		Usable sensitivity 50 dB μ m (at 999 kHz)			
Antenna (aerial) terminals 75 ohms, unbalanced		S/N 54 dB (at 50 mV/m)		Mass (Approx.) 15.5 kg	
Sensitivity		Harmonic distortion 0.5% (50 mV/m, 400 Hz)		Supplied accessories	
Mono: 18.3 dBf, 2.2 μ V/75 ohms		Selectivity 35 dB		Operating Instructions	
Stereo: 38.3 dBf, 22.5 μ V/75 ohms		Video section		Quick Setup Guide (1)	
Usable sensitivity 11.2 dBf, 1 μ V/75 ohms		Inputs/Outputs		Optimizer microphone ECM-AC2 (1)	
S/N		Video: 1 Vp-p, 75 ohms		FM wire antenna (aerial) (1)	
Mono: 76 dB		S video: Y: 1 Vp-p, 75 ohms		AM loop antenna (aerial) (1)	
Stereo: 70 dB		C: 0.286 Vp-p, 75 ohms		AC power cord (mains lead) (1)	
Harmonic distortion at 1 kHz		COMPONENT VIDEO:		Remote commander RM-AAL003 (1) (US, Canadian models)	
Mono: 0.3%		Y: 1 Vp-p, 75 ohms		Remote commander RM-AAL004 (1) (AEP, UK, Taiwan models)	
Stereo: 0.5%		P _B /C _B : 0.7 Vp-p, 75 ohms		Remote commander RM-AAU008 (1) (DA3200ES)	
Separation 45 dB at 1 kHz		P _B /C _B : 0.7 Vp-p, 75 ohms		R6 (size-AA) batteries (4) (DA3200ES)	
Frequency response 30 Hz – 15 kHz, +0.5/-2 dB		80 MHz HD Pass Through (When "PROGRESSIVE OUT" is set to "OFF".)		R6 (size-AA) batteries (2) (DG1000)	
Selectivity 60 dB at 400 kHz		General (US, Canadian models)		Design and specifications are subject to change without notice.	
AM tuner section (US, Canadian models)		Power requirements 120 V AC, 60 Hz			
Tuning range 530 – 1,710 kHz ³⁾ (With 10-kHz tuning scale) 531 – 1,710 kHz ³⁾ (With 9-kHz tuning scale)		Power consumption 480 W/580 VA (U/CA) (during standby mode) 1 W			
Antenna (aerial) Loop antenna (aerial)		AC outlets 2 switched, 100 W/0.8 A MAX			

SAFETY CHECK-OUT

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

LEAKAGE TEST

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

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)

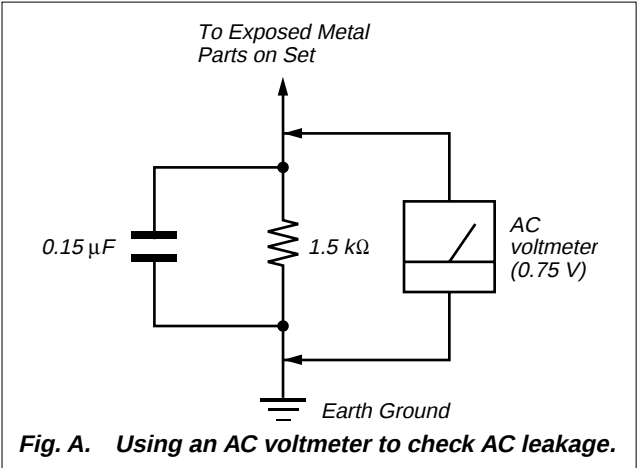


Fig. A. Using an AC voltmeter to check AC leakage.

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

SAFETY-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.

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 COM- POSANTS 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
SERVICING NOTES

- MODEL IDENTIFICATION
- Back Panel –



Model	PART No.
DA3200ES: US and Canadian models	2-668-097-2□
DA3200ES: AEP model	2-668-097-3□
DA3200ES: UK model	2-668-097-4□
DA3200ES: Taiwan model	2-668-097-6□
DG1000	2-696-797-0□

NOTE OF REPLACING THE IC3505 AND IC3508 ON THE HDMI BOARD

When IC3505 and IC3508 on the HDMI board are damaged, exchange the new HDMI board for the HDMI board which IC damaged. When throwing away the HDMI board, be sure to throw away after destroying IC3505 and IC3508 physically with the hammer etc.

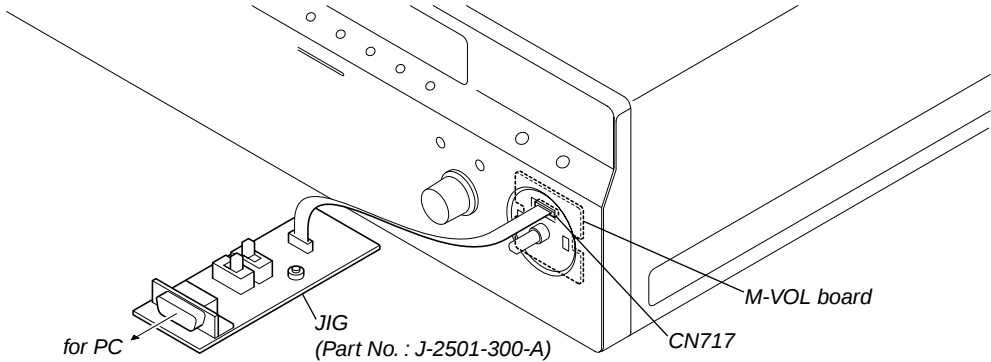
COLOR VARIATION

Model	Destination	COLOR	
		BLACK	SILVER
STR-DA3200ES	US, Canadian	●	
	AEP, UK	●	●
	Taiwan		●
STR-DG1000	US	●	

UPDATE OF SOFTWARE OF THE SYSTEM CONTROLLER (IC2054)

Perform operation of the following when the update of software of the system controller (IC2054) is necessary.

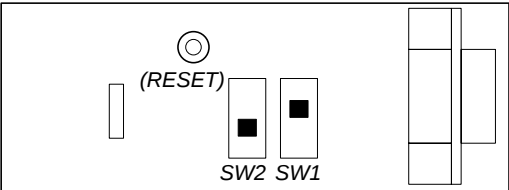
Connect:



Procedure:

1. Turn off the main power and setting the jig referring to Fig. 1 (Note: Do this setting before connecting jig with the set).
2. Remove the KNOB (VOL) ASSY and connect CN717 (M-VOL board) and PC by using the jig.
3. Turn on the main power and perform the operation according to the application.
4. After “Please Reset” is displayed, reset switch on the jig is pushed and update is completed.
5. Turn off the main power and remove the jig.
6. Turn on the main power.

Fig.1 Setting for jig



SW1: up, SW2: down

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)

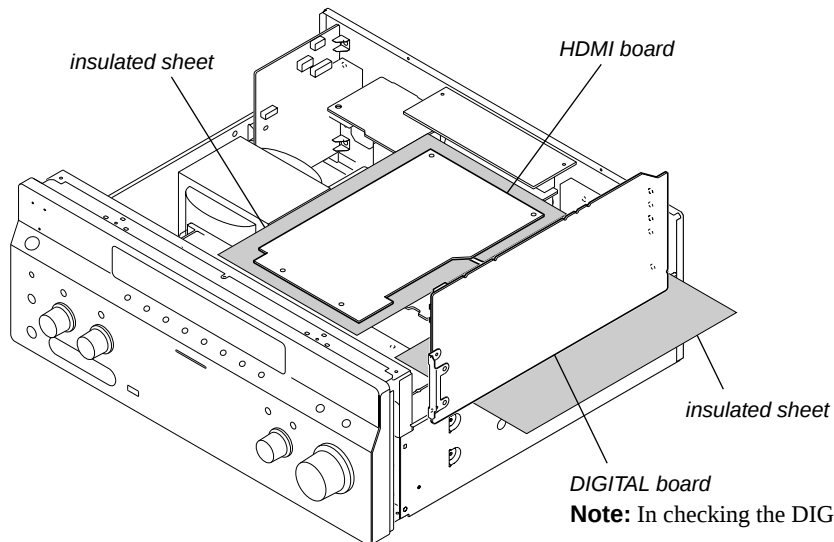
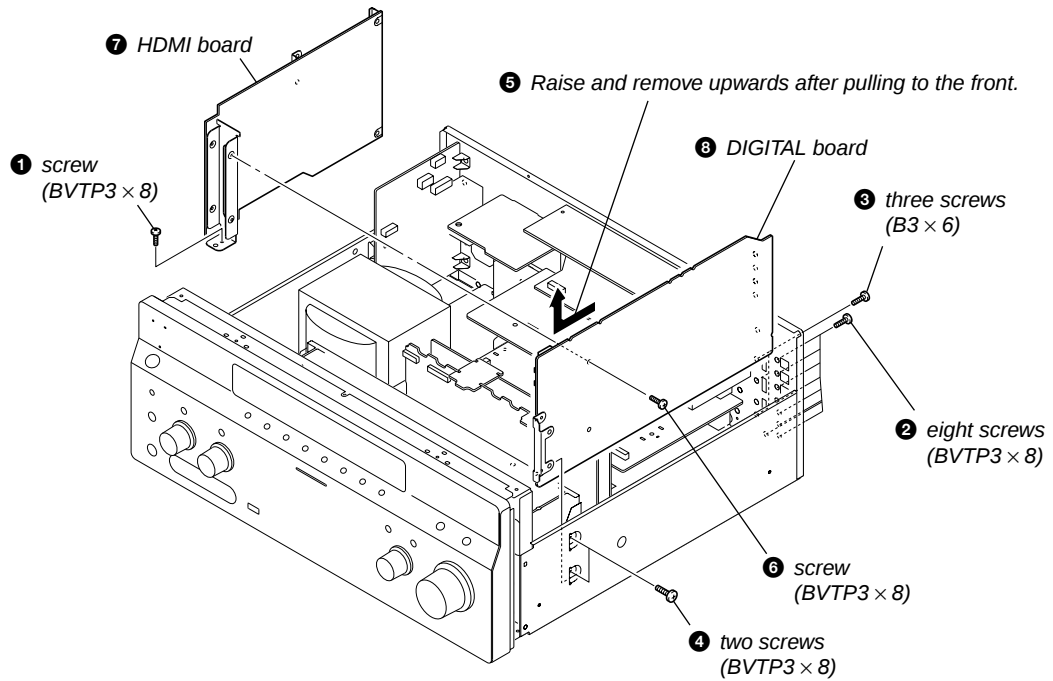
LF: LEAD FREE MARK

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.

DIGITAL/HDMI BOARDS SERVICE POSITION

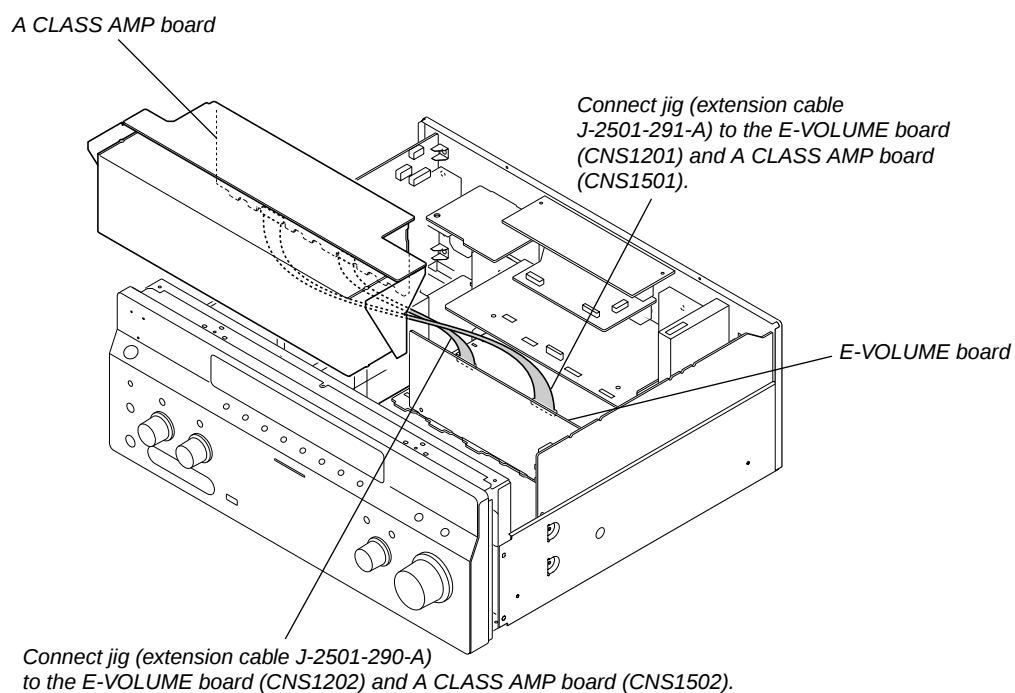
Note: Follow the disassembly procedure in the numerical order given.



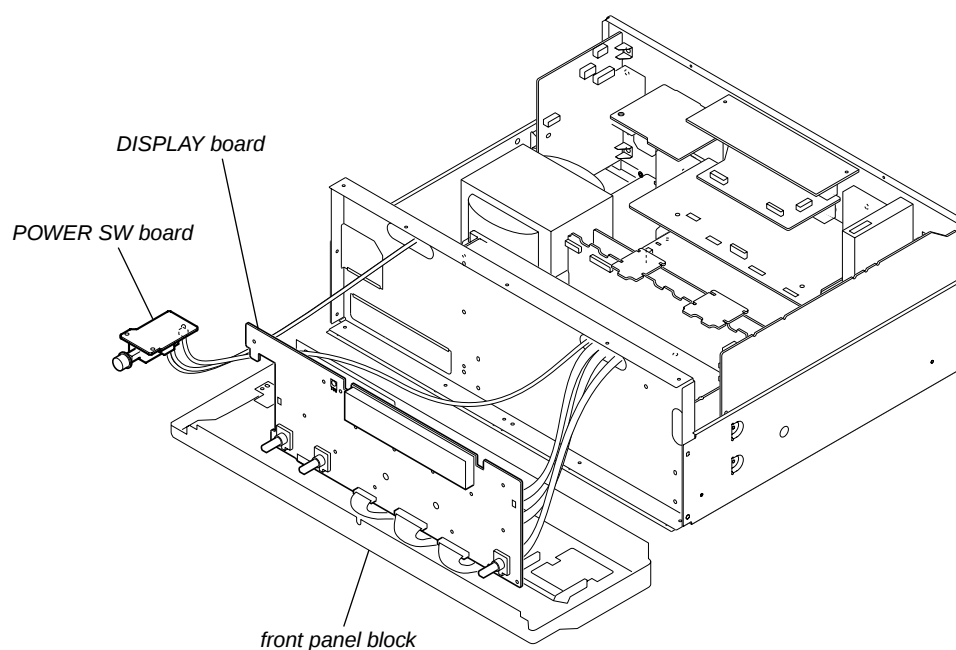
Note: In checking the DIGITAL board, remove the HDMI board.

AMP BLOCK SERVICE POSITON

In checking the AMP block, prepare jig (extension cable J-2501-290-A: 500 mm 9 core/J-2501-291-A: 500 mm 12 core).

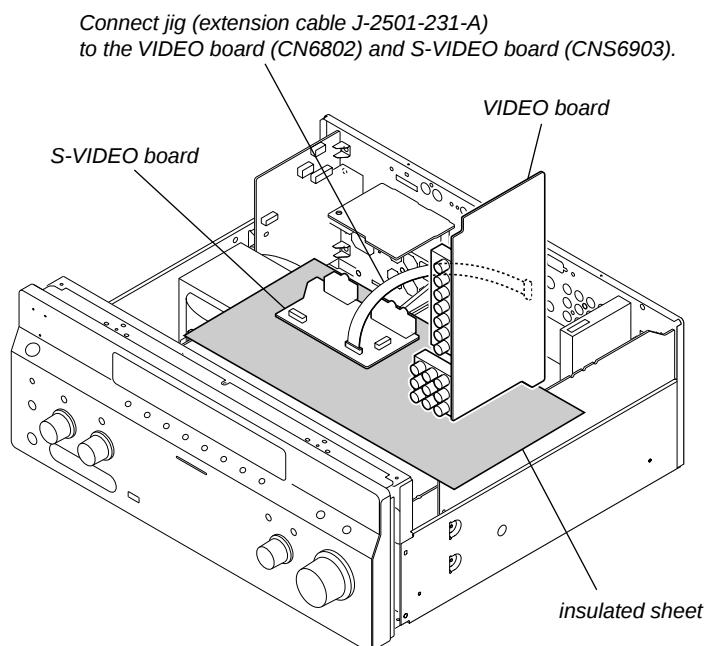


DISPLAY BOARD SERVICE POSITON

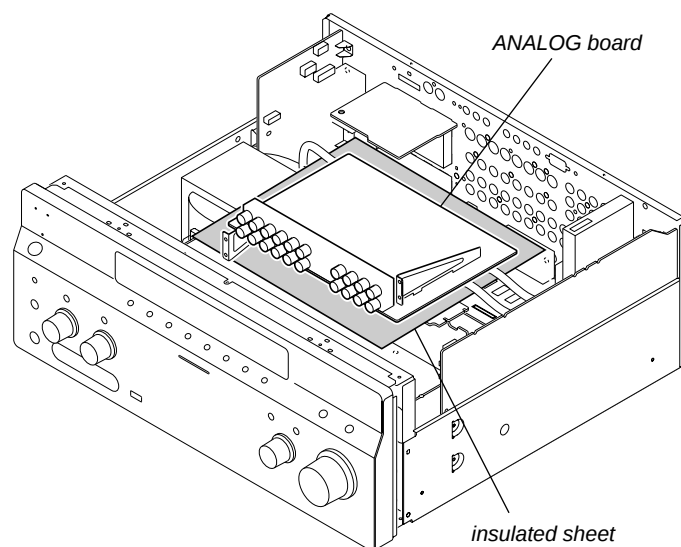


VIDEO BOARD SERVICE POSITON

In checking the VIDEO board, prepare jig (extension cable J-2501-231-A: 300 mm 15 core).

**ANALOG BOARD SERVICE POSITON**

In checking the ANALOG board, remove the VIDEO board and S-VIDEO board.

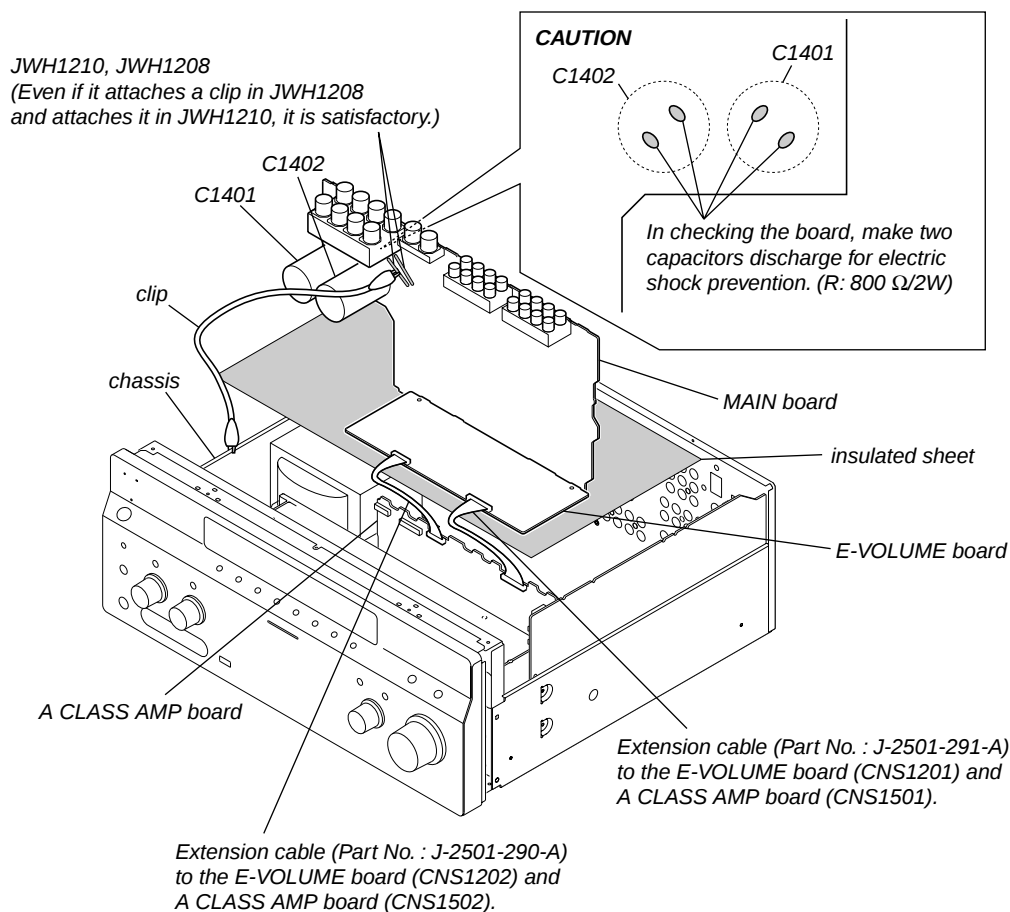


MAIN/E-VOLUME BOARDS SERVICE POSITON

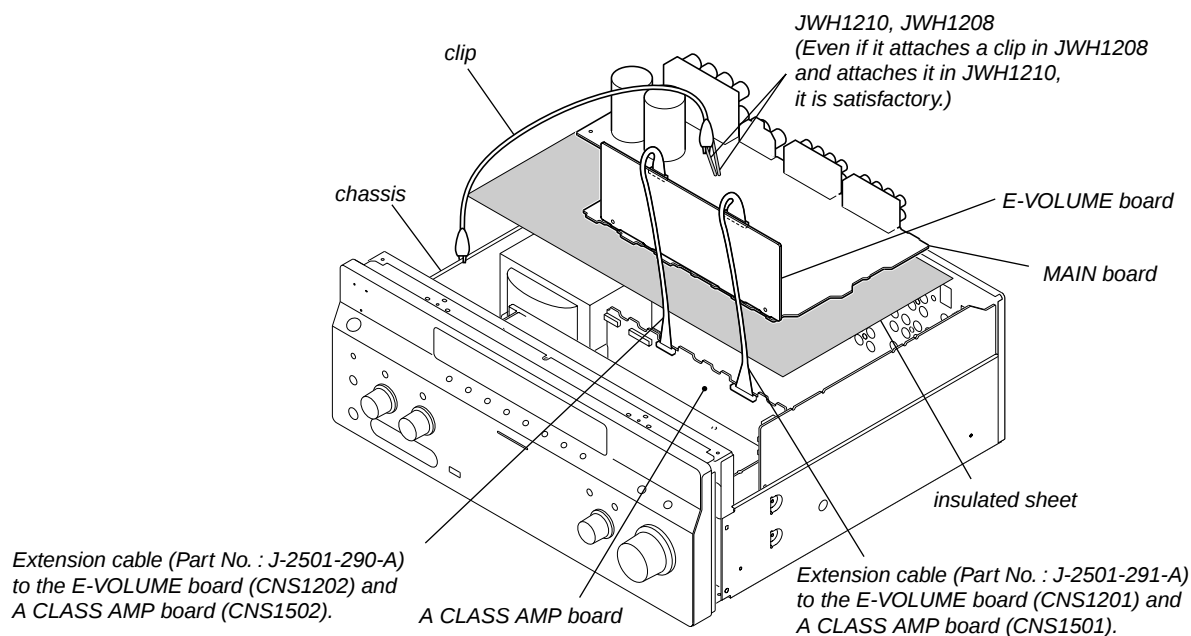
In checking the MAIN/E-VOLUME board, prepare jig (extension cable J-2501-290-A: 500 mm 9 core/J-2501-291-A: 500 mm 12 core).

Note: Be sure to ground the MAIN board with a clip when checking it.

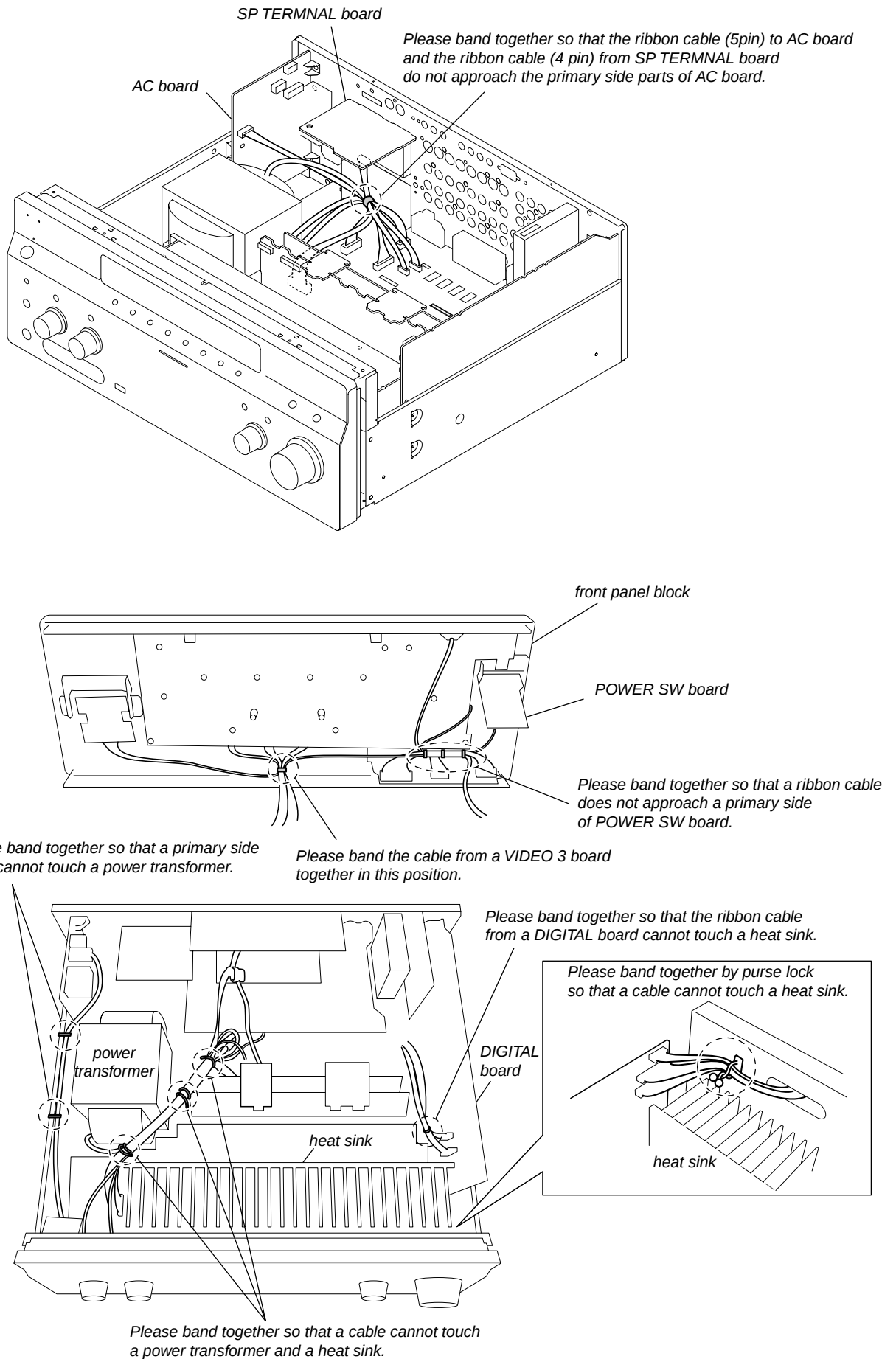
– MAIN board –



– E-VOLUME board –



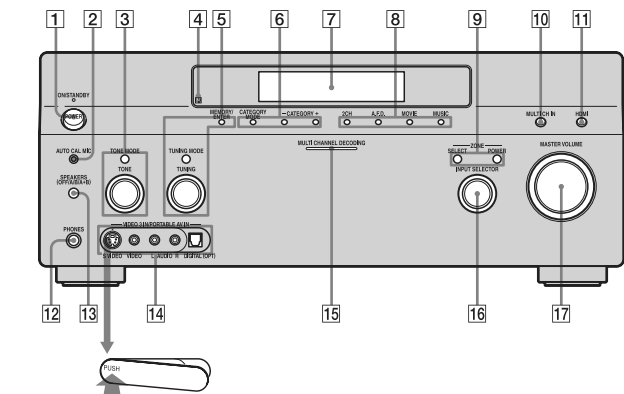
HARNESS SETTING



This section is extracted from instruction manual.

(DA3200ES: US, Canadian models)

Front panel



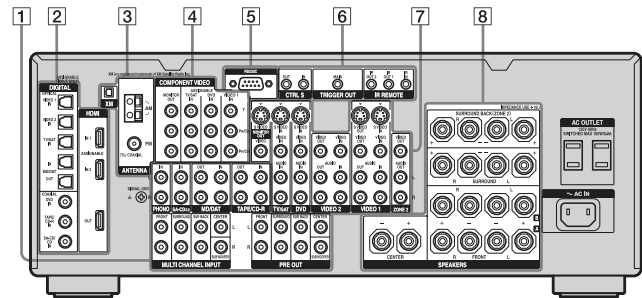
To remove the cover
Press PUSH.
When you remove the cover, keep it out of reach from children.

Name	Function
1 POWER	Press to turn the receiver on or off.
2 AUTO CAL MIC jack	Connects to the supplied optimizer microphone for the Digital Cinema Auto Calibration function.
3 TONE MODE TONE	Adjusts FRONT BASS and FRONT TREBLE. Press TONE MODE repeatedly to select BASS or TREBLE, then turn TONE to adjust the level.
4 Remote sensor	Receives signals from remote commander.

Name	Function
5 MEMORY/ENTER TUNING MODE	Press to operate a tuner (FM/AM/XM).
6 CATEGORY MODE CATEGORY +/-	Used when listening to XM Radio.
7 Display window	The current status of the selected component or a list of selectable items appears here.
8 2CH A.F.D. MOVIE MUSIC	Press to select sound field.

Name	Function
9 POWER SELECT	Press POWER (ZONE) to enable operations in zone 2. Then press SELECT, then INPUT SELECTOR (16) to select a source input into zone 2.
10 MULTI CH IN	Press to select the audio input signal from the component connected to the MULTI CHANNEL INPUT jack.
11 HDMI	Press to select input source from the component connected to the HDMI IN jack.
12 PHONES jack	Connects to headphones.
13 SPEAKERS (OFF/A/B/A+B)	Press to select A, B, A+B, OFF of the front speakers.
14 VIDEO 3 IN/ PORTABLE AV IN jack	Connect to a portable audio/video component such as a camcorder or video game.
15 MULTI CHANNEL DECODING lamp	Lights up when multi-channel audio signals are decoded.
16 INPUT SELECTOR	Turn to select the input source to play back.
17 MASTER VOLUME	Turn to adjust the volume level of all speakers at the same time.

Rear panel



1 AUDIO INPUT/OUTPUT section		
L R	AUDIO IN/OUT jacks	Connects to a tape deck, MD deck or DAT player, etc.
MULTI CHANNEL INPUT	MULTI CHANNEL INPUT jacks	Connects to a Super Audio CD player or DVD player with an analog audio jack for 7.1 channel or 5.1 channel sound.
PRE OUT	PRE OUT jacks	Connects to an external power amplifier.
2 DIGITAL INPUT/OUTPUT section		
OPTICAL IN/OUT	OPTICAL IN/OUT jacks	Connects to a DVD player, Super Audio CD player, etc. The
COAXIAL IN	COAXIAL IN jacks	COAXIAL jack provides a better quality sound.
HDMI IN/OUT	HDMI IN/OUT jacks	Connects to a DVD player, or a satellite tuner. An image and the sound are output to TV or a projector.

3 ANTENNA section		
FM ANTENNA	FM ANTENNA jack	Connects to the FM wire antenna (aerial) supplied with this receiver.
AM ANTENNA	AM ANTENNA jack	Connects to the AM loop antenna (aerial) supplied with this receiver.
XM ANTENNA	XM ANTENNA jack	Connects to the XM connect-and-play antenna (aerial) (not supplied).
4 COMPONENT VIDEO INPUT/OUTPUT section		
COMPONENT VIDEO	COMPONENT VIDEO (Y, Pb, Cb, Pr/Cr) INPUT/OUTPUT jacks*	Connects to a DVD player, TV, or a satellite tuner.
RS-232C	RS-232C jack	Used for maintenance and service.

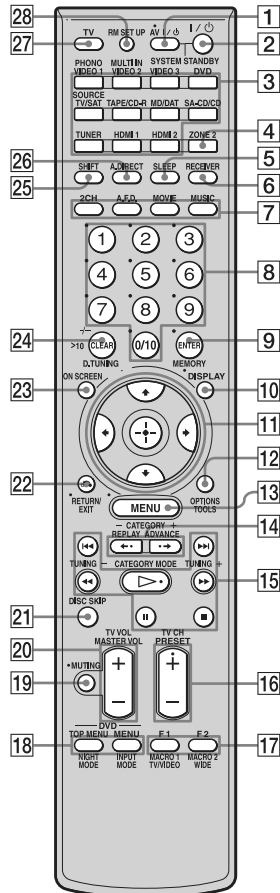
6 Control jack for Sony equipment and other external components		
CTRL S IN/OUT	CTRL S IN/OUT jacks	Connects to Sony TV, DVD player or VCR with CONTROL S jack.
TRIGGER OUT	TRIGGER OUT jack	Connects to interlock on/off of the power supply of other 12V TRIGGER compliant components.
IR REMOTE IN/OUT	IR REMOTE IN/OUT jacks	Connects an IR repeater.
7 VIDEO/AUDIO INPUT/OUTPUT section		
L R	AUDIO IN/OUT jacks	Connects to a VCR or a DVD player etc.
VIDEO IN/OUT	VIDEO IN/OUT jacks*	
S VIDEO IN/OUT	S VIDEO IN/OUT jacks*	
8 SPEAKERS section		
SPEAKERS		Connects to speakers.

* You can watch the selected input image when you connect the MONITOR OUT jack to a TV. You can also display certain menu settings and the sound field on the monitor when you press ON SCREEN on the remote.

Remote commander

You can use the supplied remote RM-AAL003 to operate the receiver and to control the Sony audio/video components that the remote is assigned to operate.

RM-AAL003



Name	Function
1 AV I/⏻ (on/standby)	Press to turn on or off the audio/video components that the remote is assigned to operate. If you press the 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 button (3).
2 I/⏻ (on/standby)	Press to turn the receiver on or off. After pressing ZONE 2 (4), only the receiver in zone 2 is turned on or off with this button. To turn off all components, press I/⏻ and AV I/⏻ (1) at the same time (SYSTEM STANDBY).

Name	Function
3 Input buttons	Press one of the buttons to select the component you want to use. To utilize the buttons with names in pink, press SHIFT (25), and then press the button. When you press any of the input buttons, the receiver turns on. The buttons are factory assigned to control Sony components. You can program the remote to control non-Sony components following the steps in "Programming the remote".
4 ZONE 2	Press to enable zone 2 operation.
5 SLEEP	Press to activate the Sleep Timer function and the duration which the receiver turns off automatically.
6 RECEIVER	Press to enable the receiver operation.
7 2CH A.F.D. MOVIE MUSIC	Press to select a sound field.
8 Numeric buttons	Press to – preset/tune to preset stations. – select track numbers of the CD player, DVD player or MD deck. Press 0/10 to select track number 10. – select channel numbers of the VCR or satellite tuner. – After pressing TV (27), press the numeric buttons to select the TV channels.
9 ENTER	Press to enter the value after selecting a channel, disc or track using the numeric buttons.
MEMORY	Press to store a tuner station during tuner operation.
10 DISPLAY	Press to select information displayed on the display window, TV screen of the VCR, satellite tuner, CD player, DVD player, or MD deck.
11 ⬆/⬇/⬅/➡	After pressing MENU (13) or TOP MENU (18), press ⬆/⬇, ⬅, or ➡ to select the settings. Then press ⬆ to enter the selection.
12 TOOLS OPTIONS	Press to display and select items from the option menus for DVD player, etc.
13 MENU	Press to display the menu of the receiver, DVD player, or TV, etc.
14 CATEGORY +/-	Press to select the category for XM Radio.
REPLAY ⬅/➡ ADVANCE ➡	Press to replay the previous scene or fast forward the current scene of the VCR or DVD player.

Name	Function
15 a) a) b) a)	Press to operate the DVD player, CD player, MD deck or tape deck, etc.
CATEGORY MODE	Press to select the category mode for XM Radio.
TUNING +/-	Press to select stations.
16 PRESET + b)/-	Press to register FM/AM/XM Radio stations or to select preset stations.
TV CH +/-	Press TV (27) and then press TV CH +/- to operate the TV, satellite tuner, VCR, etc.
17 F1/F2	Press TV (27) and then press F1 or F2 to select a component to operate. • Hard disk recorder F1: HDD F2: DVD • DVD/VHS combo player F1: DVD F2: VHS
TV/VIDEO	Press TV/VIDEO and TV (27) at the same time to select the input signal (TV input or video input).
WIDE	Press to select the wide picture mode.
MACRO1, MACRO2	Press RECEIVER (6) and then press MACRO 1 or MACRO 2 to set up the macro function.
18 TOP MENU	Press to display the menu or on-screen guide of the DVD player on the TV screen. Then use ⬆/⬇/⬅/➡ and ⬆ to perform menu operations.
MENU	Press to display the menus of the DVD player on the TV screen. Then use ⬆/⬇/⬅/➡ and ⬆ to perform a menu operations.
NIGHT MODE	Press RECEIVER (6) and then press NIGHT MODE to activate the NIGHT MODE function.
INPUT MODE	Press RECEIVER (6) and then press INPUT MODE to select the input mode when the same components are connected to both digital and analog jacks.
19 MUTING	Press to activate the muting function.
20 MASTER VOL +/-	Press to adjust the volume level of all speakers at the same time.
TV VOL +/-	Press TV (27) and then press TV VOL +/- to adjust the volume level of the TV.
21 DISC SKIP	Press to skip a disc when using a multi-disc changer.

Name	Function
22 RETURN/EXIT	Press to return to the previous menu or exit the menu while the menu or on-screen guide of the VCR, DVD player, or satellite tuner is displayed on the TV screen.
23 ON SCREEN	Press to display the receiver status. Then, if you press MENU (13), the menus of the receiver appear.
24 CLEAR	Press to - clear a mistake when you press the incorrect numeric button. - return to continuous playback, etc. of the satellite tuner or DVD player.
>10	Press to select - track numbers over 10 of the VCR, satellite tuner, CD player or MD deck. - channel numbers of the Digital CATV terminal.
D.TUNING	Press to enter direct tuning mode.
25 SHIFT	Press to light up the button. It changes the remote button function to activate the buttons with pink printing.
26 A.DIRECT	Press to switch the audio of the selected input to analog signal without any adjustment.
27 TV	Press to enable TV operation.
28 RM SET UP	Press to set up the remote.

a) See the table for information on the buttons that you can use to control each component.

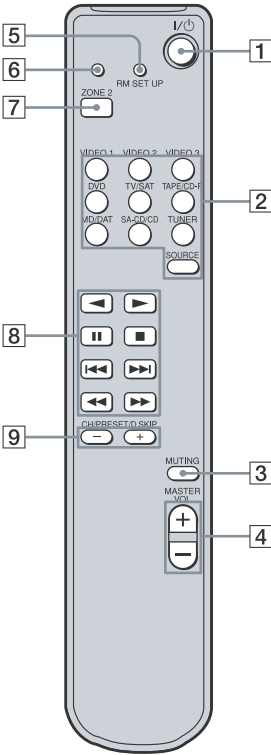
b) The tactile dot is attached to these buttons (▷, PRESET+). Use as a mark of operation.

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.

RM-AAU008

This remote is only for zone 2 operations. You cannot control the main receiver directly with this remote.



Operating the main receiver from zone 2

Name	Function
1 I/⏻ (on/standby)	Press to turn a receiver in zone 2 on or off.
2 Input buttons	Press one of the buttons to select the component you want to use. When you press any of the input buttons, the receiver turns on. The buttons are factory assigned to control Sony components as follows. You can change the button assignments following the steps in “Changing button assignments (RM-AAU008 only)”.
Button	Assigned Sony component
VIDEO 1	VCR (VTR mode 3)
VIDEO 2	VCR (VTR mode 1)
VIDEO 3	VCR (VTR mode 2)
DVD	DVD player
TV/SAT	TV tuner
TAPE/CD-R	Tape deck B
MD/DAT	MD deck
SA-CD/CD	Super Audio CD/CD player
TUNER*	Built-in tuner
SOURCE	The current input selected for the main receiver

* The setting cannot be changed.

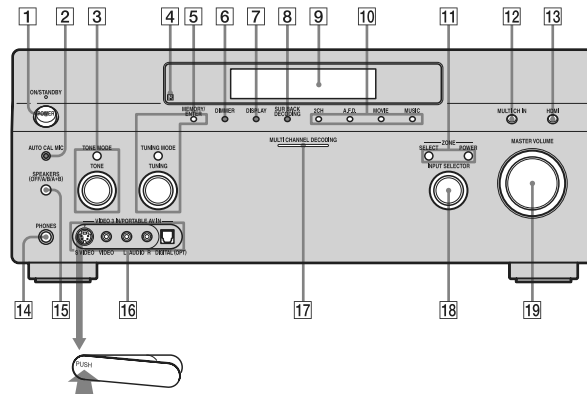
3 MUTE	Press to mute the sound.
4 MASTER VOL +/-	Press to adjust the volume level for multi zone output.
5 RM SET UP	Press to change the category of the buttons.
6 RM SET UP indicator	Lights up when data is being sent or when the remote button assignment is being preset.
7 ZONE 2	Press to select the command mode of the remote.

Operating the components connected to the main receiver from zone 2

Name	Function
8 Operation buttons*	The following table describes the function of the buttons.
Button(s)	Function
▶	Starts play. (Starts play on the front side of the cassette.)
◀	Starts play on the reverse side of the cassette.
⏸	Pauses play or recording, and starts recording when the component is in recording standby.
■	Stops play.
⏮/⏭	Skips tracks.
9 CH/PRESET/D.SKIP +/-*	Press repeatedly to select a preset station or channel. When using a multi-disc changer, press to skip a disc.

* The function of these buttons switches automatically each time you press the input buttons 2. 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.

(DA3200ES: AEP, UK, Taiwan models)

Front panel**To remove the cover**

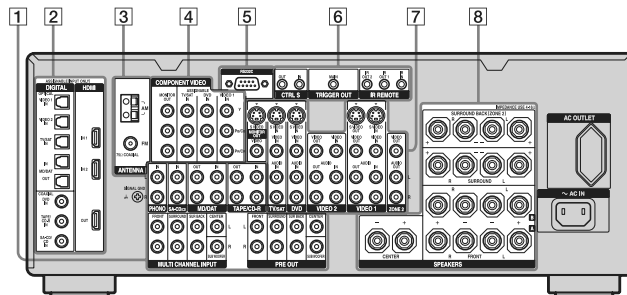
Press PUSH.

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

Name	Function
1 POWER	Press to turn the receiver on or off.
2 AUTO CAL MIC jack	Connects to the supplied optimizer microphone for the Digital Cinema Auto Calibration function.
3 TONE MODE TONE	Adjusts FRONT BASS and FRONT TREBLE. Press TONE MODE repeatedly to select BASS or TREBLE, then turn TONE to adjust the level.
4 Remote sensor	Receives signals from remote commander.

Name	Function
5 MEMORY/ENTER TUNING MODE	Press to operate a tuner (FM/AM).
6 DIMMER	Press to adjust brightness of the display.
7 DISPLAY	Press to select information displayed on the display.
8 SUR BACK DECODING	Press to activate SB DECODING
9 Display window	The current status of the selected component or a list of selectable items appears here.

Name	Function
10 2CH A.F.D. MOVIE MUSIC	Press to select sound field.
11 POWER SELECT	Press POWER (ZONE) to enable operations in zone 2. Then press SELECT, then INPUT SELECTOR (18) to select a source input into zone 2.
12 MULTI CH IN	Press to select the audio input signal from the component connected to the MULTI CHANNEL INPUT jack.
13 HDMI	Press to select input source from the component connected to the HDMI IN jack.
14 PHONES jack	Connects to headphones.
15 SPEAKERS (OFF/A/B/A+B)	Press to select A, B, A+B, OFF of the front speakers.
16 VIDEO 3 IN/PORTABLE AV IN jack	Connect to a portable audio/video component such as a camcorder or video game.
17 MULTI CHANNEL DECODING lamp	Lights up when multi-channel audio signals are decoded.
18 INPUT SELECTOR	Turn to select the input source to play back.
19 MASTER VOLUME	Turn to adjust the volume level of all speakers at the same time.

Rear panel

1 AUDIO INPUT/OUTPUT section	
	AUDIO IN/OUT jacks Connects to a tape deck, MD deck or DAT player, etc.
	MULTI CHANNEL INPUT jacks Connects to a Super Audio CD player or DVD player with an analog audio jack for 7.1 channel or 5.1 channel sound.
	PRE OUT jacks Connects to an external power amplifier.
2 DIGITAL INPUT/OUTPUT section	
	OPTICAL IN/OUT jacks Connects to a DVD player, Super Audio CD player, etc. The COAXIAL jack provides a better quality sound.
	COAXIAL IN jacks
	HDMI IN/OUT jacks Connects to a DVD player, or a satellite tuner. An image and the sound are output to TV or a projector.

3 ANTENNA section	
	FM ANTENNA jack Connects to the FM wire antenna (aerial) supplied with this receiver.
	AM ANTENNA jack Connects to the AM loop antenna (aerial) supplied with this receiver.
4 COMPONENT VIDEO INPUT/OUTPUT section	
	COMPONENT VIDEO (Y, P_B/P_R, C_R) INPUT/OUTPUT jacks* Connects to a DVD player, TV, or a satellite tuner.
5 RS-232C jack	Used for maintenance and service.

6 Control jack for Sony equipment and other external components

	CTRL S IN/OUT jacks Connects to Sony TV, DVD player or VCR with CONTROL S jack.
	TRIGGER OUT jack Connects to interlock on/off of the power supply of other 12V TRIGGER compliant components.
	IR REMOTE IN/OUT jacks Connects an IR repeater.

7 VIDEO/AUDIO INPUT/OUTPUT section

	AUDIO IN/OUT jacks Connects to a VCR or a DVD player etc.
	VIDEO IN/OUT jacks*
	S VIDEO IN/OUT jacks*

8 SPEAKERS section

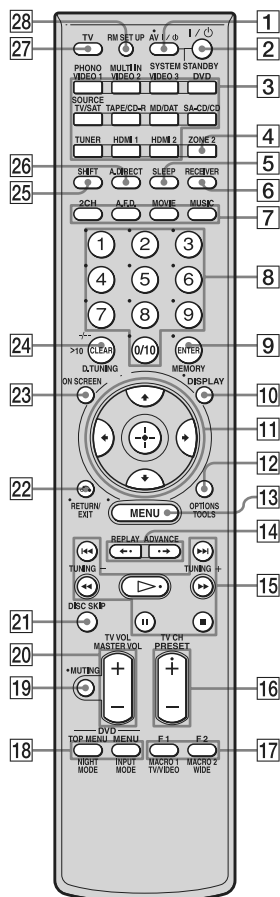
	Connects to speakers
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* You can watch the selected input image when you connect the MONITOR OUT jack to a TV. You can also display certain menu settings and the sound field on the monitor when you press ON SCREEN on the remote

Remote commander

You can use the supplied remote RM-AAL004 to operate the receiver and to control the Sony audio/video components that the remote is assigned to operate.

RM-AAL004



Name	Function
1 AV I/⏻ (on/standby)	Press to turn on or off the audio/video components that the remote is assigned to operate. If you press the 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 button (3).
2 I/⏻ (on/standby)	Press to turn the receiver on or off. After pressing ZONE 2 (4), only the receiver in zone 2 is turned on or off with this button. To turn off all components, press I/⏻ and AV I/⏻ (1) at the same time (SYSTEM STANDBY).

Name	Function
3 Input buttons	Press one of the buttons to select the component you want to use. To utilize the buttons with names in pink, press SHIFT (25), and then press the button. When you press any of the input buttons, the receiver turns on. The buttons are factory assigned to control Sony components. You can program the remote to control non-Sony components following the steps in "Programming the remote".
4 ZONE 2	Press to enable zone 2 operation.
5 SLEEP	Press to activate the Sleep Timer function and the duration which the receiver turns off automatically.
6 RECEIVER	Press to enable the receiver operation.
7 2CH A.F.D. MOVIE MUSIC	Press to select a sound field.
8 Numeric buttons	Press to – preset/tune to preset stations. – select track numbers of the CD player, DVD player or MD deck. Press 0/10 to select track number 10. – select channel numbers of the VCR or satellite tuner. – After pressing TV (27), press the numeric buttons to select the TV channels.
9 ENTER	Press to enter the value after selecting a channel, disc or track using the numeric buttons.
MEMORY	Press to store a tuner station during tuner operation.
10 DISPLAY	Press to select information displayed on the display window, TV screen of the VCR, satellite tuner, CD player, DVD player, or MD deck.
11	After pressing MENU (13) or TOP MENU (18), press or to select the settings. Then press to enter the selection.
12 TOOLS OPTIONS	Press to display and select items from the option menus for DVD player, etc.
13 MENU	Press to display the menu of the receiver, DVD player, or TV, etc.
14 REPLAY / ADVANCE	Press to replay the previous scene or fast forward the current scene of the VCR or DVD player.
15 a) a) a) b) a)	Press to operate the DVD player, CD player, MD deck or tape deck, etc.
TUNING +/-	Press to select stations.

Name	Function
16 PRESET + b) / -	Press to register FM/AM Radio stations or to select preset stations.
TV CH +/-	Press TV (27) and then press TV CH +/- to operate the TV, satellite tuner, VCR, etc.
17 F1/F2	Press TV (27) and then press F1 or F2 to select a component to operate. • Hard disk recorder F1: HDD F2: DVD • DVD/VHS combo player F1: DVD F2: VHS
TV/VIDEO	Press TV/VIDEO and TV (27) at the same time to select the input signal (TV input or video input).
WIDE	Press to select the wide picture mode.
MACRO1, MACRO2	Press RECEIVER (6) and then press MACRO 1 or MACRO 2 to set up the macro function.
18 TOP MENU	Press to display the menu or on-screen guide of the DVD player on the TV screen. Then use / and to perform menu operations.
MENU	Press to display the menus of the DVD player on the TV screen. Then use / and to perform a menu operations.
NIGHT MODE	Press RECEIVER (6) and then press NIGHT MODE to activate the NIGHT MODE function.
INPUT MODE	Press RECEIVER (6) and then press INPUT MODE to select the input mode when the same components are connected to both digital and analog jacks.
19 MUTING	Press to activate the muting function.
20 MASTER VOL +/-	Press to adjust the volume level of all speakers at the same time.
TV VOL +/-	Press TV (27) and then press TV VOL +/- to adjust the volume level of the TV.
21 DISC SKIP	Press to skip a disc when using a multi-disc changer.

Name	Function
22 RETURN/EXIT	Press to return to the previous menu or exit the menu while the menu or on-screen guide of the VCR, DVD player, or satellite tuner is displayed on the TV screen.
23 ON SCREEN	Press to display the receiver status. Then, if you press MENU (13), the menus of the receiver appear.
24 CLEAR	Press to - clear a mistake when you press the incorrect numeric button. - return to continuous playback, etc. of the satellite tuner or DVD player.
>10	Press to select - track numbers over 10 of the VCR, satellite tuner, CD player or MD deck. - channel numbers of the Digital CATV terminal.
D.TUNING	Press to enter direct tuning mode.
25 SHIFT	Press to light up the button. It changes the remote button function to activate the buttons with pink printing.
26 A.DIRECT	Press to switch the audio of the selected input to analog signal without any adjustment.
27 TV	Press to enable TV operation.
28 RM SET UP	Press to set up the remote.

^{a)} See the table for information on the buttons that you can use to control each component.

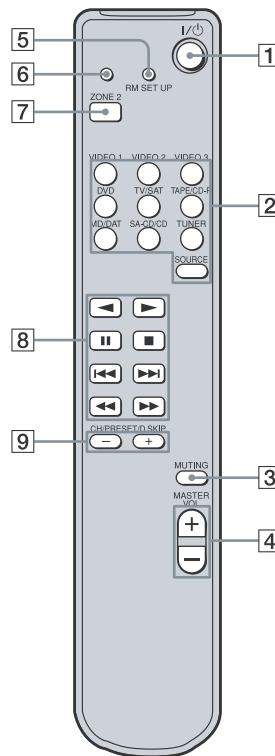
^{b)} The tactile dot is attached to these buttons (**▷**, **PRESET+**). Use as a mark of operation.

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.

RM-AAU008

This remote is only for zone 2 operations. You cannot control the main receiver directly with this remote.



Operating the main receiver from zone 2

Name	Function
1 I/⏻ (on/standby)	Press to turn a receiver in zone 2 on or off.
2 Input buttons	Press one of the buttons to select the component you want to use. When you press any of the input buttons, the receiver turns on. The buttons are factory assigned to control Sony components as follows. You can change the button assignments following the steps in "Changing button assignments (RM-AAU008 only)".
Button	Assigned Sony component
VIDEO 1	VCR (VTR mode 3)
VIDEO 2	VCR (VTR mode 1)
VIDEO 3	VCR (VTR mode 2)
DVD	DVD player
TV/SAT	TV tuner
TAPE/CD-R	Tape deck B
MD/DAT	MD deck
SA-CD/CD	Super Audio CD/CD player
TUNER*	Built-in tuner
SOURCE	The current input selected for the main receiver

* The setting cannot be changed.

Name	Function
3 MUTING	Press to mute the sound.
4 MASTER VOL +/-	Press to adjust the volume level for multi zone output.
5 RM SET UP	Press to change the category of the buttons.
6 RM SET UP indicator	Lights up when data is being sent or when the remote button assignment is being preset.
7 ZONE 2	Press to select the command mode of the remote.

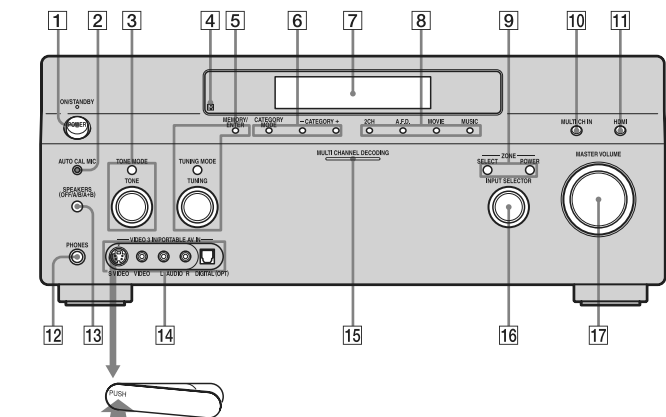
Operating the components connected to the main receiver from zone 2

Name	Function
8 Operation buttons*	The following table describes the function of the buttons.
Button(s)	Function
▶	Starts play. (Starts play on the front side of the cassette.)
◀	Starts play on the reverse side of the cassette.
⏸	Pauses play or recording, and starts recording when the component is in recording standby.
■	Stops play.
⏮ ⏭	Skips tracks.
9 CH/ PRESET/ D.SKIP +/-*	Press repeatedly to select a preset station or channel. When using a multi-disc changer, press to skip a disc.

* The function of these buttons switches automatically each time you press the input buttons **2**. 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.

(DG1000)

Front panel



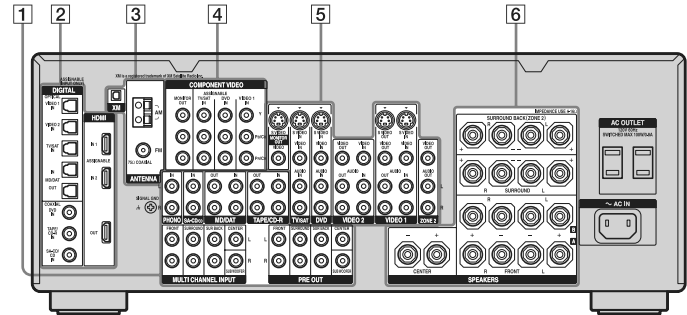
To remove the cover
Press PUSH.
When you remove the cover, keep it out of reach from children.

Name	Function
1 POWER	Press to turn the receiver on or off.
2 AUTO CAL MIC jack	Connects to the supplied optimizer microphone for the Digital Cinema Auto Calibration function.
3 TONE MODE TONE	Adjusts FRONT BASS and FRONT TREBLE. Press TONE MODE repeatedly to select BASS or TREBLE, then turn TONE to adjust the level.
4 Remote sensor	Receives signals from remote commander.

Name	Function
5 MEMORY/ ENTER TUNING MODE TUNING	Press to operate a tuner (FM/AM/XM).
6 CATEGORY MODE CATEGORY +/-	Used when listening to XM Radio.
7 Display window	The current status of the selected component or a list of selectable items appears here.
8 2CH A.F.D. MOVIE MUSIC	Press to select sound field.

Name	Function
9 POWER SELECT	Press POWER (ZONE) to enable operations in zone 2. Then press SELECT, then INPUT SELECTOR (16) to select a source input into zone 2.
10 MULTI CH IN	Press to select the audio input signal from the component connected to the MULTI CHANNEL INPUT jack.
11 HDMI	Press to select input source from the component connected to the HDMI IN jack.
12 PHONES jack	Connects to headphones.
13 SPEAKERS (OFF/A/B/A+B)	Press to select A, B A+B, OFF of the front speakers.
14 VIDEO 3 IN/ PORTABLE AV IN jack	Connect to a portable audio/video component such as a camcorder or video game.
15 MULTI CHANNEL DECODING lamp	Lights up when multi-channel audio signals are decoded.
16 INPUT SELECTOR	Turn to select the input source to play back.
17 MASTER VOLUME	Turn to adjust the volume level of all speakers at the same time.

Rear panel



1 AUDIO INPUT/OUTPUT section		
L AUDIO IN/ OUT jacks	Connects to a tape deck, MD deck or DAT player, etc.	
MULTI CHANNEL INPUT jacks	Connects to a Super Audio CD player or DVD player with an analog audio jack for 7.1 channel or 5.1 channel sound.	
PRE OUT jacks	Connects to an external power amplifier.	
2 DIGITAL INPUT/OUTPUT section		
OPTICAL IN/ OUT jacks	Connects to a DVD player, Super Audio CD player, etc. The COAXIAL IN jacks provides a better quality sound.	

HDMI IN/OUT jacks	Connects to a DVD player, or a satellite tuner. An image and the sound are output to TV or a projector.
3 ANTENNA section	
FM ANTENNA jack	Connects to the FM wire antenna (aerial) supplied with this receiver.
AM ANTENNA jack	Connects to the AM loop antenna (aerial) supplied with this receiver.
XM ANTENNA jack	Connects to the XM connect-and-Play antenna (aerial) (not supplied).

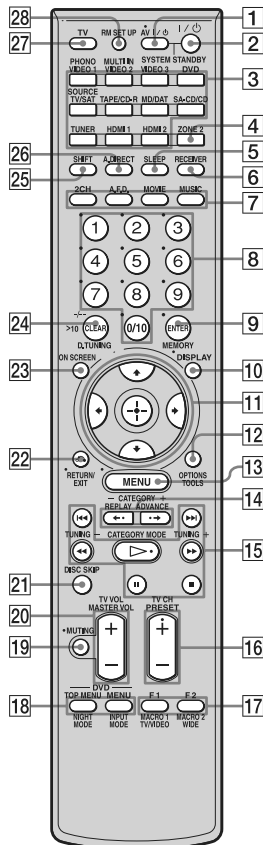
4 COMPONENT VIDEO INPUT/ OUTPUT section		
COMPONENT VIDEO (Y, Pb/ Pr, Cb/ Cr) INPUT/ OUTPUT jacks*	Connects to a DVD player, TV, or a satellite tuner.	
5 VIDEO/AUDIO INPUT/OUTPUT section		
L AUDIO IN/ OUT jacks	Connects to a VCR or a DVD player etc.	
R AUDIO IN/ OUT jacks		
VIDEO IN/ OUT jacks*		
S VIDEO IN/ OUT jacks*		
6 SPEAKERS section		
Connects to speakers.		

* You can watch the selected input image when you connect the MONITOR OUT jack to a TV. You can also display certain menu settings and the sound field on the monitor when you press ON SCREEN on the remote.

Remote commander

You can use the supplied remote RM-AAL003 to operate the receiver and to control the Sony audio/video components that the remote is assigned to operate.

RM-AAL003



Name	Function
1 AV I/⏻ (on/standby)	Press to turn on or off the audio/video components that the remote is assigned to operate. If you press the 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 button (3).
2 I/⏻ (on/standby)	Press to turn the receiver on or off. After pressing ZONE 2 (4), only the receiver in zone 2 is turned on or off with this button. To turn off all 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. To utilize the buttons with names in pink, press SHIFT (25), and then press the button. When you press any of the input buttons, the receiver turns on. The buttons are factory assigned to control Sony components. You can program the remote to control non-Sony components following the steps in "Programming the remote".

Name	Function
4 ZONE 2	Press to enable zone 2 operation.
5 SLEEP	Press to activate the Sleep Timer function and the duration which the receiver turns off automatically.
6 RECEIVER	Press to enable the receiver operation.
7 2CH A.F.D. MOVIE MUSIC	Press to select a sound field.
8 Numeric buttons	Press to – preset/tune to preset stations. – select track numbers of the CD player, DVD player or MD deck. Press 0/10 to select track number 10. – select channel numbers of the VCR or satellite tuner. – After pressing TV (27), press the numeric buttons to select the TV channels.
9 ENTER	Press to enter the value after selecting a channel, disc or track using the numeric buttons.
MEMORY	Press to store a tuner station during tuner operation.
10 DISPLAY	Press to select information displayed on the display window, TV screen of the VCR, satellite tuner, CD player, DVD player, or MD deck.
11	After pressing MENU (13) or TOP MENU (18), press or to select the settings. Then press to enter the selection.
12 TOOLS OPTIONS	Press to display and select items from the option menus for DVD player, etc.
13 MENU	Press to display the menu of the receiver, DVD player, or TV, etc.
14 CATEGORY +/-	Press to select the category for XM Radio.
REPLAY ADVANCE	Press to replay the previous scene or fast forward the current scene of the VCR or DVD player.
15 a) b) a)	Press to operate the DVD player, CD player, MD deck or tape deck, etc.
CATEGORY MODE	Press to select the category mode for XM Radio.
TUNING +/-	Press to select stations.
16 PRESET + b)/-	Press to register FM/AM/XM Radio stations or to select preset stations.
TV CH +/-	Press TV (27) and then press TV CH +/- to operate the TV, satellite tuner, VCR, etc.
17 F1/F2	Press TV (27) and then press F1 or F2 to select a component to operate. • Hard disk recorder F1: HDD F2: DVD • DVD/VHS combo player F1: DVD F2: VHS
TV/VIDEO	Press TV/VIDEO and TV (27) at the same time to select the input signal (TV input or video input).
WIDE	Press to select the wide picture mode.

Name	Function
MACRO1, MACRO2	Press RECEIVER (6) and then press MACRO 1 or MACRO 2 to set up the macro function.
18 TOP MENU	Press to display the menu or on-screen guide of the DVD player on the TV screen. Then use / and to perform menu operations.
MENU	Press to display the menus of the DVD player on the TV screen. Then use / and to perform a menu operations.
NIGHT MODE	Press RECEIVER (6) and then press NIGHT MODE to activate the NIGHT MODE function.
INPUT MODE	Press RECEIVER (6) and then press INPUT MODE to select the input mode when the same components are connected to both digital and analog jacks.
19 MUTING	Press to activate the muting function.
20 MASTER VOL +/-	Press to adjust the volume level of all speakers at the same time.
TV VOL +/-	Press TV (27) and then press TV VOL +/- to adjust the volume level of the TV.
21 DISC SKIP	Press to skip a disc when using a multi-disc changer.
22 RETURN/EXIT	Press to return to the previous menu or exit the menu while the menu or on-screen guide of the VCR, DVD player, or satellite tuner is displayed on the TV screen.
23 ON SCREEN	Press to display the receiver status. Then, if you press MENU (13), the menus of the receiver appear.
24 CLEAR	Press to – clear a mistake when you press the incorrect numeric button. – return to continuous playback, etc. of the satellite tuner or DVD player.
>10	Press to select – track numbers over 10 of the VCR, satellite tuner, CD player or MD deck. – channel numbers of the Digital CATV terminal.
D.TUNING	Press to enter direct tuning mode.
25 SHIFT	Press to light up the button. It changes the remote button function to activate the buttons with pink printing.
26 A.DIRECT	Press to switch the audio of the selected input to analog signal without any adjustment.
27 TV	Press to enable TV operation.
28 RM SET UP	Press to set up the remote.

^{a)} See the table for information on the buttons that you can use to control each component.

^{b)} The tactile dot is attached to these buttons (, PRESET+). Use as a mark of operation.

Notes

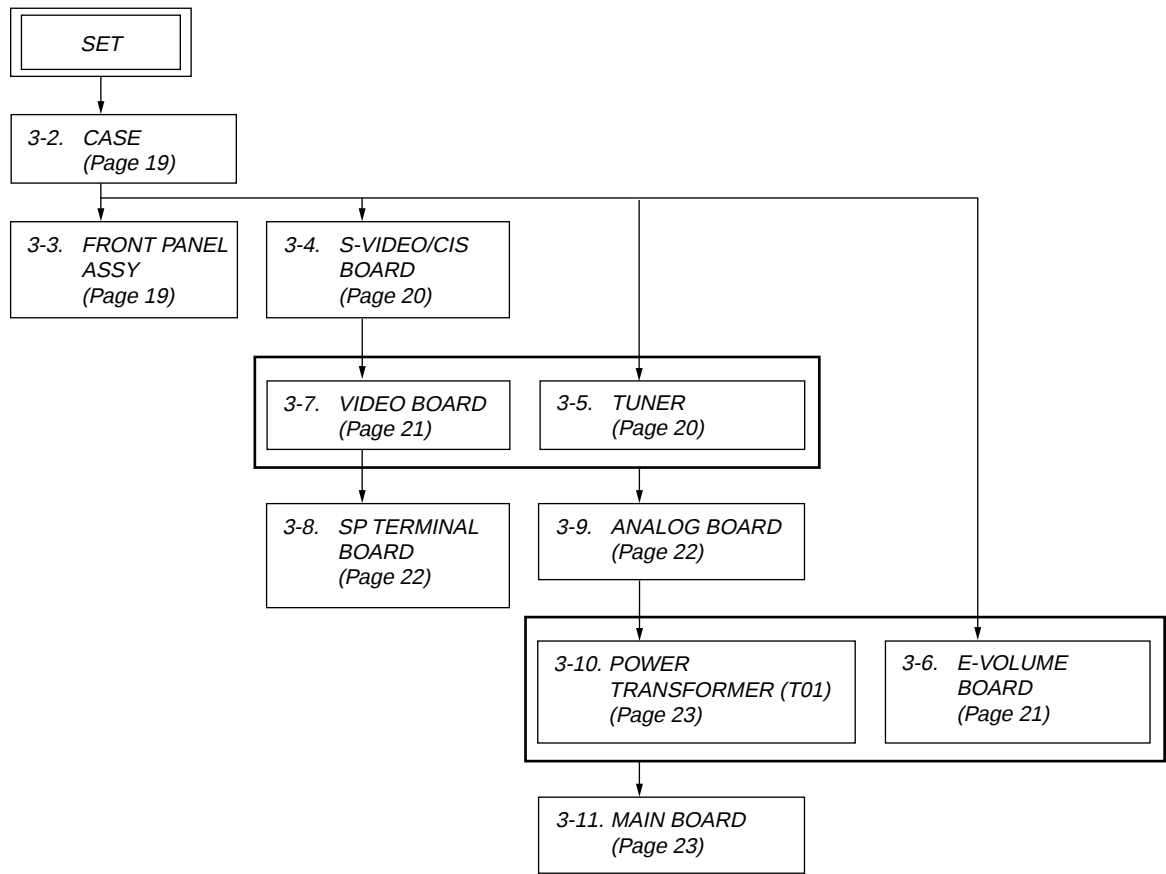
- Some functions explained in this section may not work depending on the model.
- The above explanation is intended to serve as an example only. Therefore, depending on the component, the above operation may not be possible or may operate differently than described.

SECTION 3
DISASSEMBLY

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

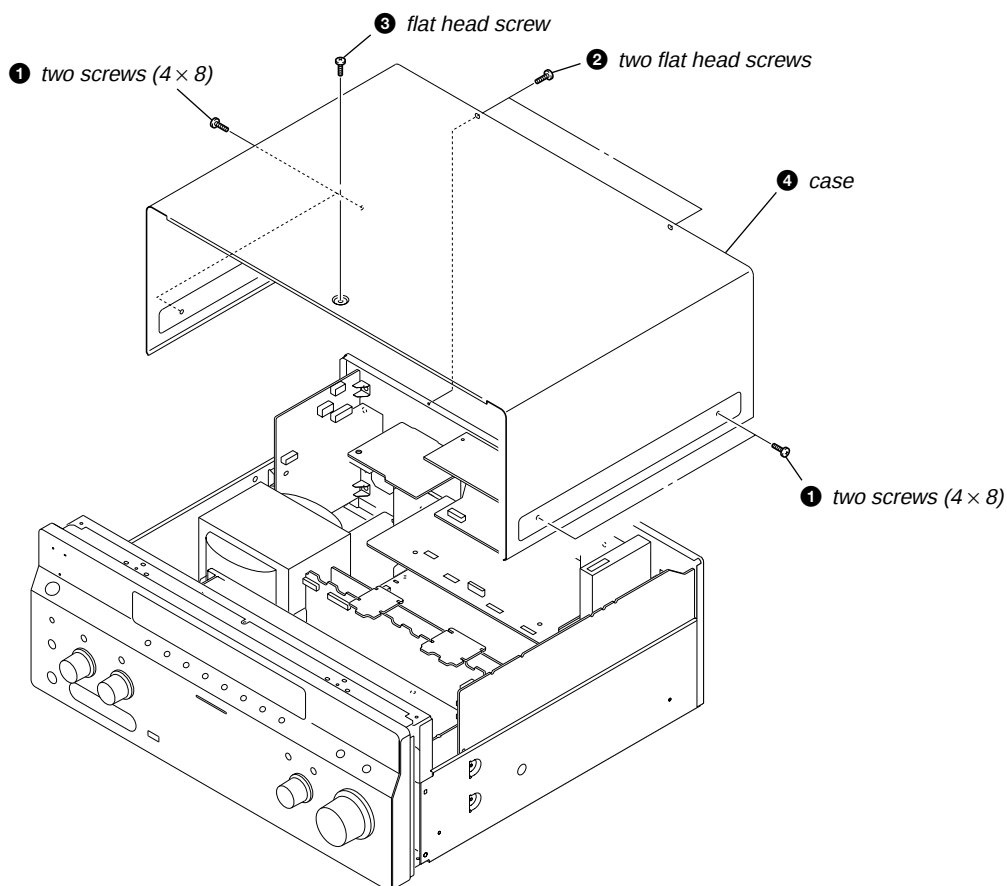
3-1. DISASSEMBLY FLOW

Note 1: The process described in  can be performed in any order.
Note 2: Without completing the process described in , the next process can not be performed.

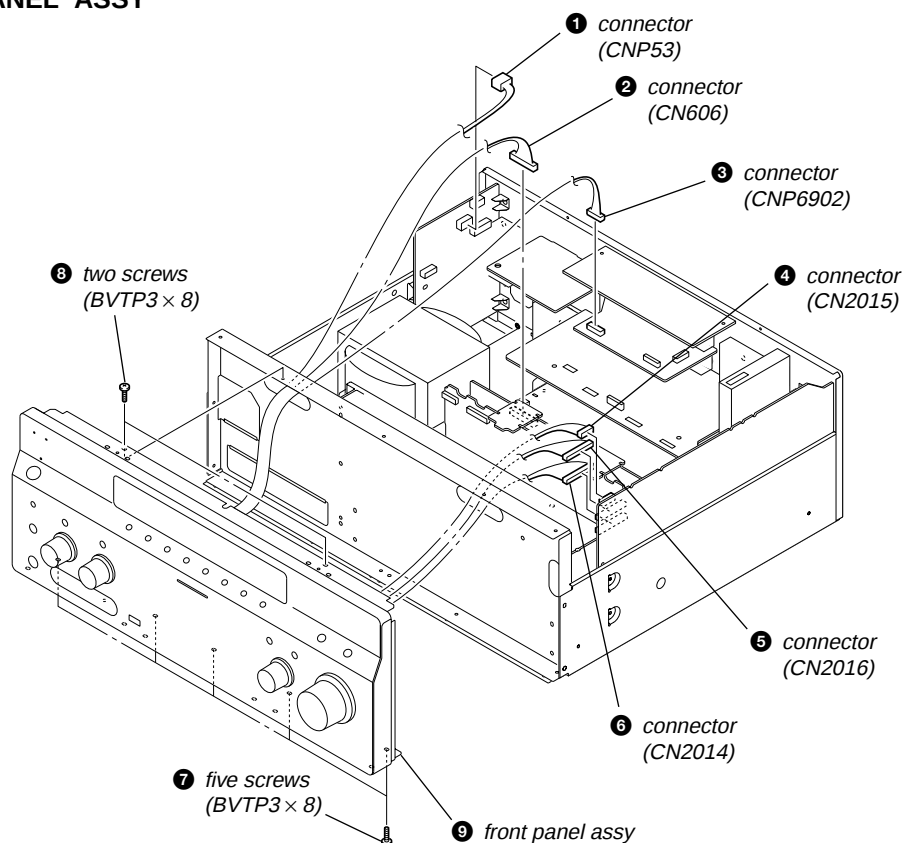


Note: Follow the disassembly procedure in the numerical order given.

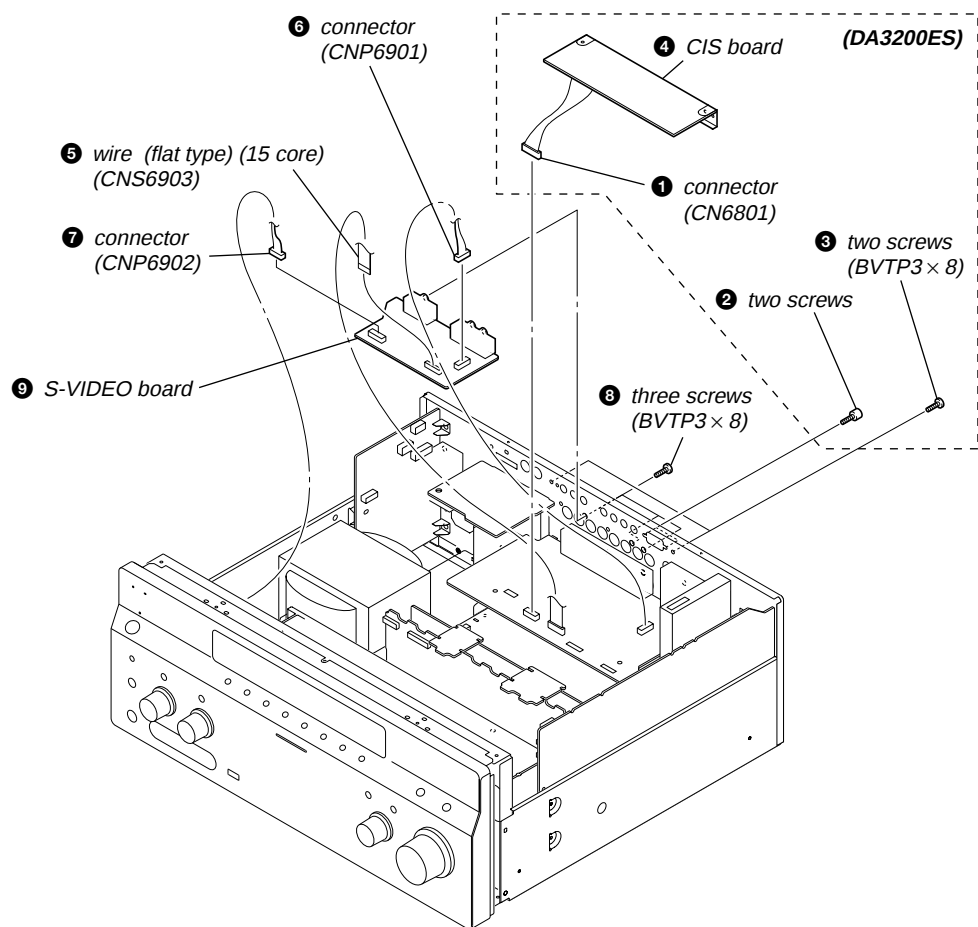
3-2. CASE



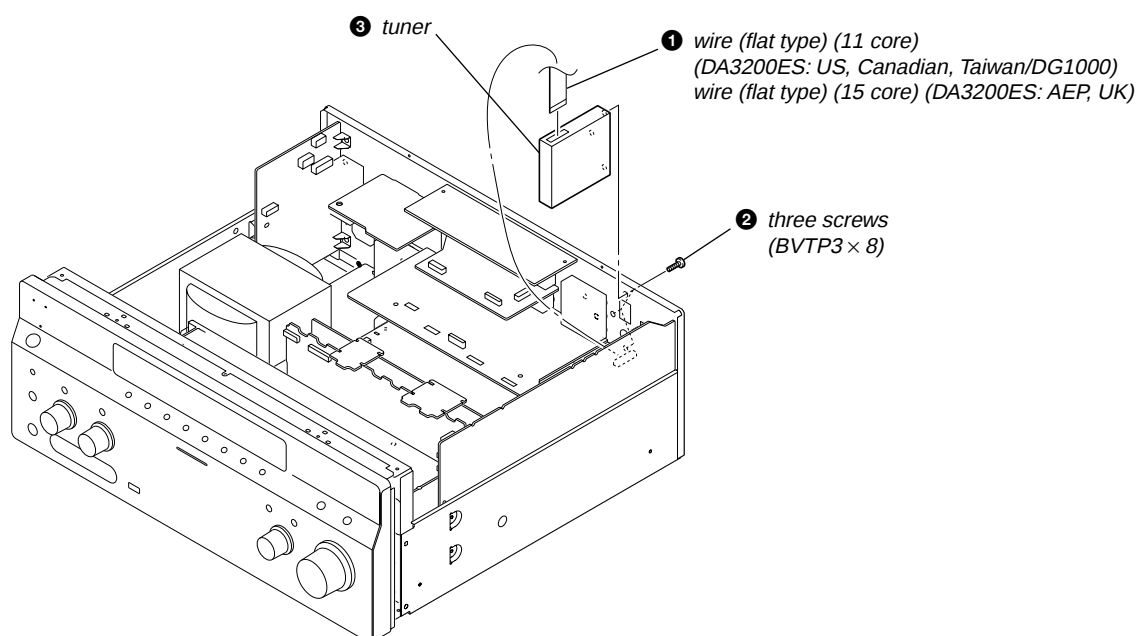
3-3. FRONT PANEL ASSY



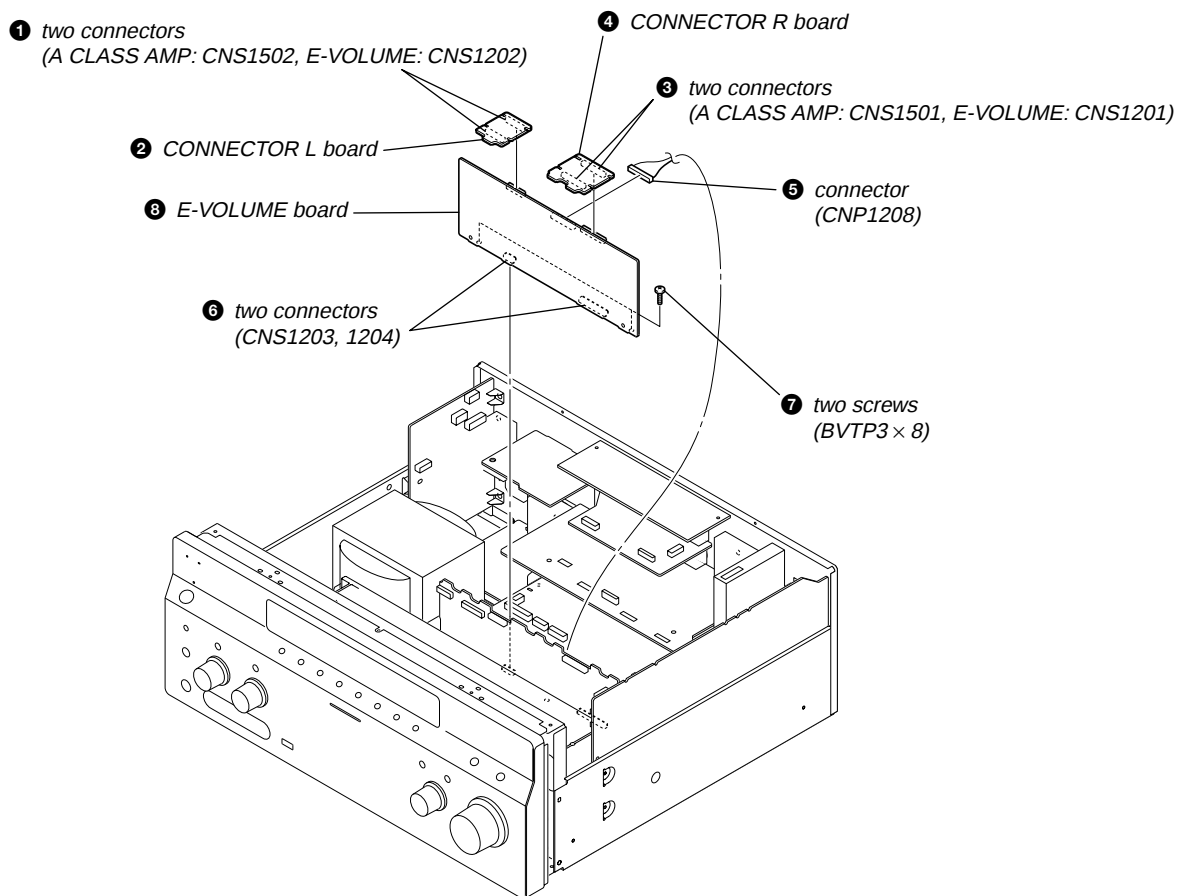
3-4. S-VIDEO/CIS BOARD



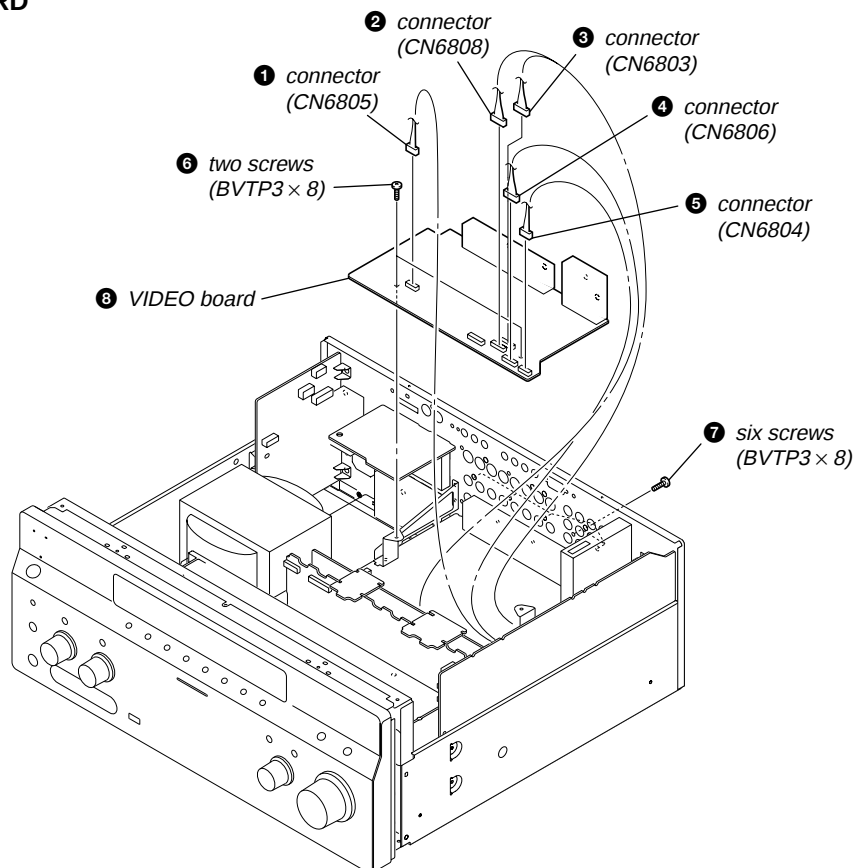
3-5. TUNER



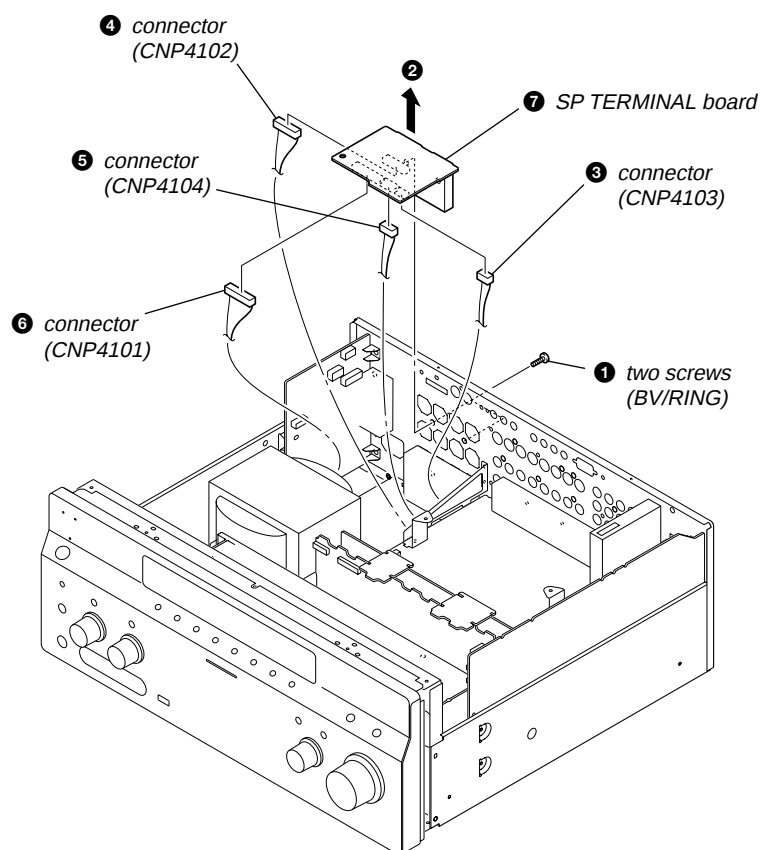
3-6. E-VOLUME BOARD



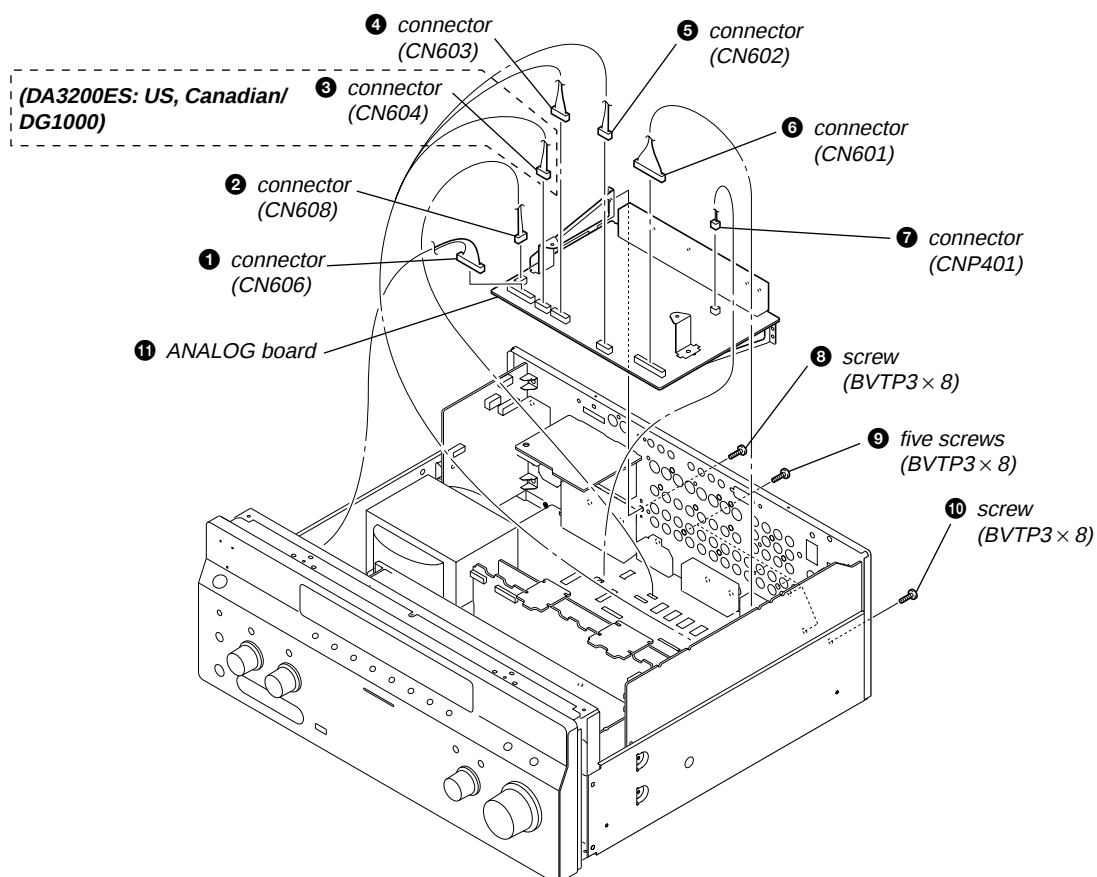
3-7. VIDEO BOARD



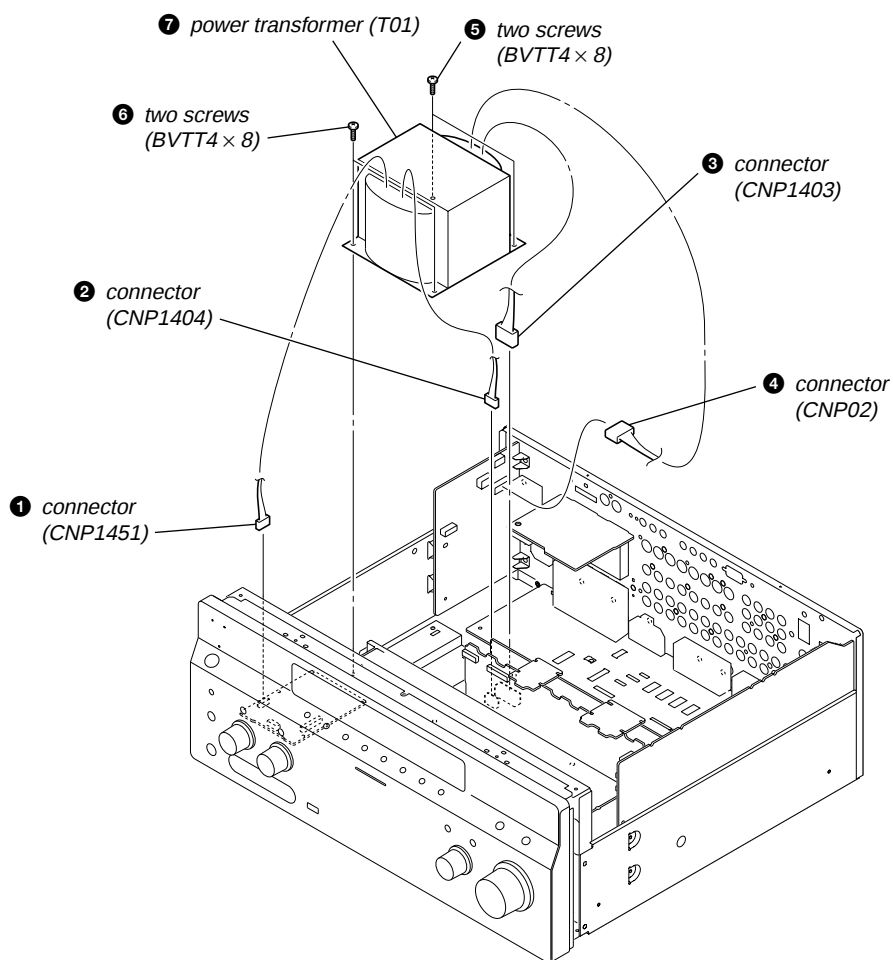
3-8. SP TERMINAL BOARD



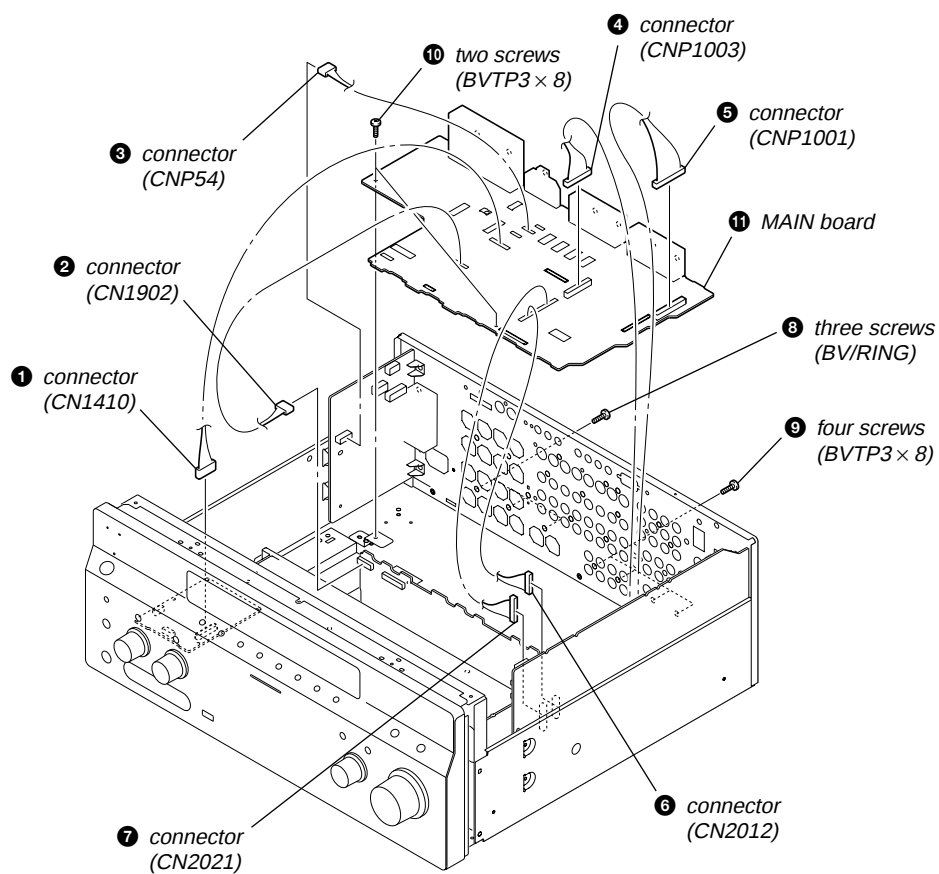
3-9. ANALOG BOARD



3-10. POWER TRANSFORMER (T01)



3-11. MAIN BOARD



SECTION 4

TEST MODE

TUNER FACTORY PRESET MODE

All preset contents are reset to the default setting.

Procedure:

1. While pressing the [2CH] and [TUNING MODE] buttons, press the [POWER] button to turn on the main power.
2. The message “Factory Preset” appears and the present contents are reset to the default values.

MEMORY CLEARING MODE

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

Procedure:

1. While pressing the [TONE MODE] and [MULTI CH IN] buttons, press the [POWER] button to turn on the main power.
2. The message “MEMORY CLEARING...” appears and the memories are reset to the default values.
3. When done, the message “MEMORY CLEARED !” appears.

SWAP MODE

Procedure:

1. While pressing the [2CH] and [MULTI CH IN] buttons, press the [POWER] button to turn on the main power.
2. The message “SWAP MODE !” appears.

FLUORESCENT INDICATOR TUBE PATTERN CHECK MODE

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

Procedure:

1. While pressing the [MOVIE] and [MULTI CH IN] buttons, press the [POWER] button to turn on the main power.
2. All segments and all LEDs turn on.

SOUND FIELD CLEAR MODE

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

Procedure:

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

TUNER AM STEP CHANGE (9 kHz/10 kHz) MODE (US AND CANADIAN MODELS)

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

Procedure:

1. While pressing the [TUNING MODE] button, press the [POWER] button to turn on the main power.
2. Either the message “AM 9kHz Step” or “AM 10kHz Step” appears, Select the desired step.

COMMAND MODE CHANGE MODE

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

Procedure:

1. While pressing the [2CH] button, press the [POWER] button to turn on the main power.
2. Either the message “COMMAND MODE [AV1]” or “COMMAND MODE [AV2]” appears. Select the desired mode.

SF LOCK ON/OFF CHANGE MODE

Procedure:

1. While pressing the [MUSIC] and [MULTI CH IN] buttons, press the [POWER] button to turn on the main power.
2. Either the message “OFF” or “ON” appears.

RDS AUTOBETICAL MODE (AEP AND UK MODELS)

Procedure:

1. While pressing the [MEMORY/ENTER] button, press the [POWER] button to turn on the main power.
2. The message “Autobetrical Select” appears and scans and stores all the FM and FM RDS station in the broadcast area.

SPECIAL MENU MODE

Procedure:

1. Press the **[POWER]** button to turn on the main power, then while pressing the **[TONE MODE]** button, press the **[A.F.D.]**, **[2CH]**, **[MUSIC]**, **[MOVIE]** button in order.
2. The message “MENU SPECIALIZED!” appears.
3. Each time the **[↑]****[↓]** button of the remote commander is pressed, the item is switched in order as follows.
4. To release from this mode, while pressing the **[TONE MODE]** button, press the **[A.F.D.]**, **[2CH]**, **[MUSIC]**, **[MOVIE]** button in order again.
5. The message “MENU SPECIALIZED OFF” appears.

Items	Display	Remark
Protector on/off	PROTECTOR ON/OFF [XXX]	XXX: ON or OFF (switching with [↑] [↓] button of the remote commander)
Model version display	##### *** vX. XX @@@@	#####: model ***: destination X.XX: system controller software version @@@@: Sum value of flash memory in the main system controller
Model/destination change	MODEL [##### * * * *] X X	#####: model, ****: destination, XX: at or fx (switching with [↑] [↓] button of the remote commander)
XM TUNER version display	XM Tuner Ver X. XX	X.XX: XM tuner controller software version
FM/AM tuner version display	FM/AM Tuner Ver X. XX	X.XX: FM/AM tuner controller software version
HDMI controller version display	HDMI Micom Ver X. XX	X.XX: HDMI controller software version
HDMI controller update mode	HDMIUcom Update [XXX]	XXX: ON or OFF (switching with [↑] [↓] button of the remote commander) Reset control from the system controller side and the reset control from the PC side interfere mutually when updating the HDMI controller and it becomes writing NG Therefore, when this mode is set to ON, the reset control from the system controller side is not done
Auto cal mic test	SPEAKER OUT [XXXXXX]	XXXXXX: Selection of speaker output audio [SOURCE]: normally mode, [MIC]: mode that output audio from mic from speaker
FL display fonts test	FL FONT 0x ** = [X]	** : 20 to FE, X: character (switching with [↑] [↓] button of the remote commander)
FL display test	ALL ON	Each time DISPLAY button to change as follows. all on → test pattern 1 → test pattern 2 → all off → all on
Audio swap	SWAP [XXXXXXXXXXXX]	Switching with [↑] [↓] button of the remote commander
DSP halt	DSP HALT [XXX]	XXX: ON or OFF (switching with [↑] [↓] button of the remote commander) Mode not to send DSP host code, and to make only decipherment done
DSP RAM	[*****]=XXXXXXXXXX	Mode that refers to internal RAM of DSP (for design evaluation)
DSP Version display	DSP Ver S. ***, P: XXX	***: DSP decoder patch version XXX: DSP post process version
Volume value display (FL/FR)	FL**** FR XXXX	****: Front L-ch volume value XXXX: Front R-ch volume value
Volume value display (SL/SR)	SL**** SR XXXX	****: Surround L-ch volume value XXXX: Surround R-ch volume value
Volume value display (CT/SW)	CT**** SW XXXX	****: Center volume value XXXX: Sub woofer R-ch volume value
Volume value display (SBL/SBR)	SBL**** SBR XXXX	****: Surround back L-ch volume value XXXX: Surround back R-ch volume value
DAC mute information disclosure 1	DAC MUTE U XXXXXXXX	Display of module information to demand muting in system controller (for design evaluation)
DAC mute information disclosure 2	DAC MUTE L XXXXXXXX	Display of module information to demand muting in system controller (for design evaluation)
EERROM debug	EEPROM [****] FR XX	****: EEPROM address XX: EEPROM data (switching with [↑] [↓] button of the remote commander)
Super reset	SUPER RESET [XXX]	Not used for the servicing If super reset is performed, “up convert signal level adjustment” will also be initialized When EEPROM initialization is required, perform the “all clear mode”
2nd volume value display	2nd VOLUME XXX	XXX: 2nd room volume value (00 to ∞)
FL display duty change	DARK OUT DUTY [XXX%]	XXX: Duty value of FL display (0% to 100%) (switching with [↑] [↓] button of the remote commander)

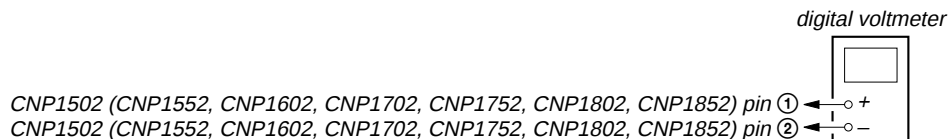
Items	Display	Remark
YUV Y drive	YUV Y DRIVE [XX]	XX: Gain control value of brightness (00 to 1F) (switching with   button of the remote commander)
YUV U drive	YUV U DRIVE [XX]	XX: Gain control value of color difference (Cb) (00 to 1F) (switching with   button of the remote commander)
YUV V drive	YUV V DRIVE [XX]	XX: Gain control value of color difference (Cr) (00 to 1F) (switching with   button of the remote commander)
Stop clock	STOP CLK [XX] [XX] [XX]	Value of register related to clock of system controller display mode (for design evaluation)

SECTION 5 ELECTRICAL ADJUSTMENTS

BIAS ALIGNMENT ADJUSTMENT

Note: After 10 minutes or more have passed since the power supply was turned on, this adjustment is done.

Connection

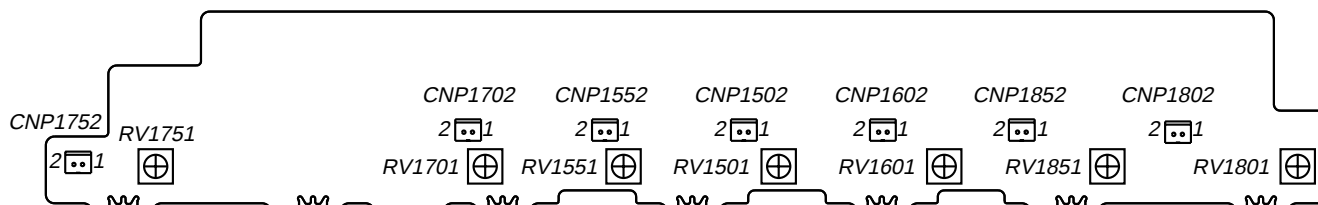


Procedure:

1. Connect a digital voltmeter to the CNP1502 (CNP1552, CNP1602, CNP1702, CNP1752, CNP1802, CNP1852) on the BIAS board.
2. Press the **POWER** button to turn on the main power.
3. Adjust the RV1501 (RV1551, RV1601, RV1701, RV1751, RV1801, RV1851) so that the digital voltmeter reading is 4 mV to 20 mV.

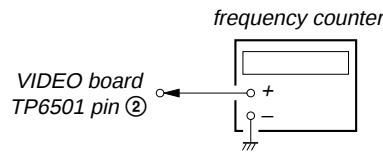
Adjustment and Connection Location:

– BIAS Board (Component Side) –



OSD ADJUSTMENT

Connection

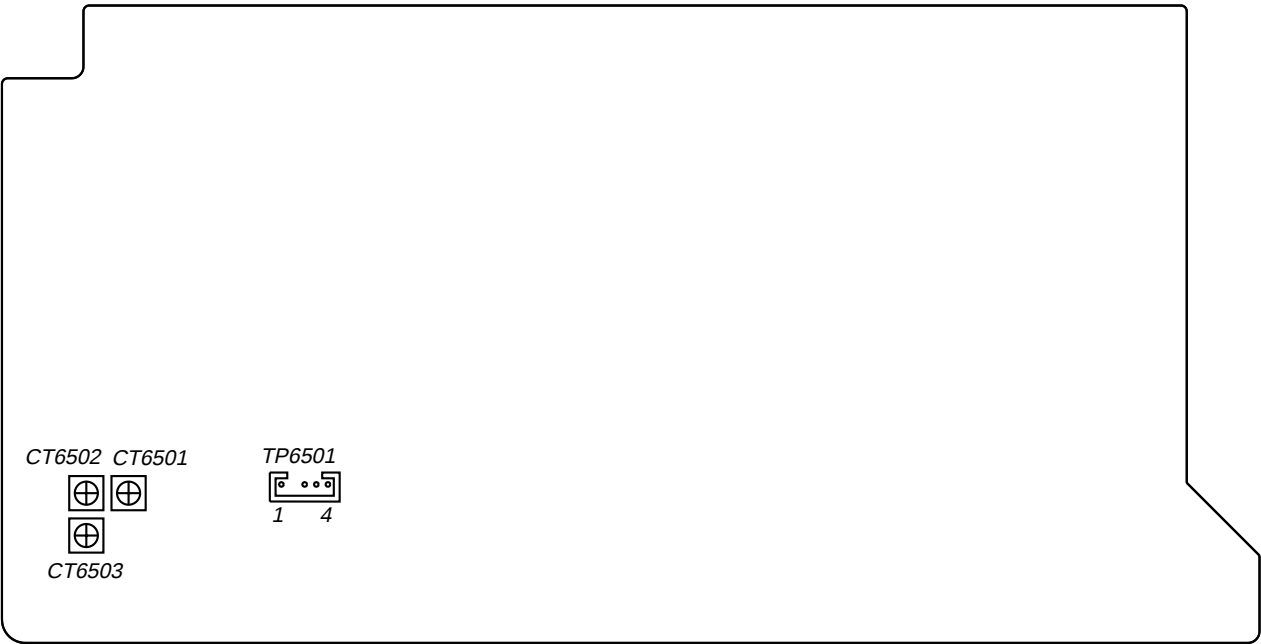


1. Connect a frequency counter to the TP6501 pin 2 on the VIDEO board.
2. Press the **POWER** button to turn on the main power.
3. Perform the MEMORY CREATING MODE.
4. Press the **MENU** button on the remote commander to display “Lebel Setting”.
5. Press the **▲▼** button on the remote commander to display “Video Settings” and press the **⊕** button on the remote commander.
6. Press the **▲▼** button on the remote commander to display “COLOR SYSTEM” and press the **⊕** button on the remote commander.
7. Press the **▲▼** button on the remote commander to select NTSC.
8. Adjust the CT6501 (DA3200ES; US, Canadian, Taiwan/DG1000) or CT6502 (DA3200ES; AEP, UK) so that the frequency counter reading is 3.579545 MHz.
9. Press the **▲▼** button on the remote commander to select PAL.
10. Adjust the CT6503 so that the frequency counter reading is 4.433618 MHz.

Note: The Steps 9 and 10 should be performed to AEP and UK models of DA3200ES.

Adjustment and Connection Location:

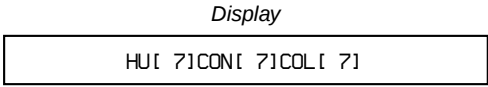
– VIDEO Board (Component Side) –



UP CONVERT SIGNAL LEVEL ADJUSTMENT

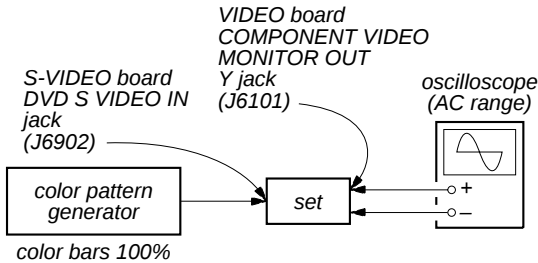
Enter the test mode

- 1. In the standby status, press the [POWER] button while pressing the [2CH] and [TONE MODE] buttons.
- 2. It enters the test mode, and display as below figure.



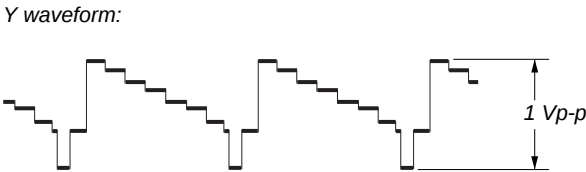
1. Y Level Adjustment

Setting:



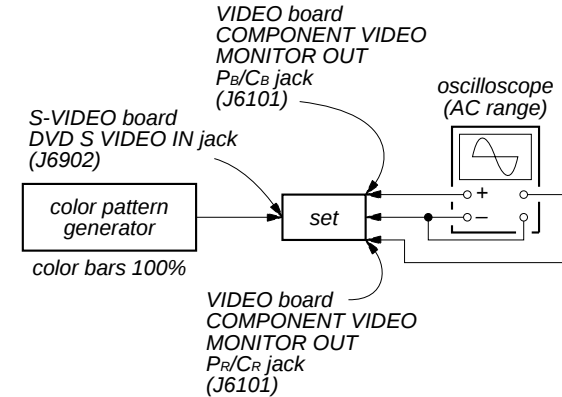
Procedure:

- 1. Connect a color pattern generator to the DVD S VIDEO IN jack (J6902) on the S-VIDEO board, and connect an oscilloscope to the COMPONENT VIDEO MONITOR OUT Y jack (J6101) on the VIDEO board.
- 2. Enter the test mode.
- 3. Input color bars signal from the color pattern generator.
- 4. Adjust the [TUNING] dial so that the Vp-p value of waveform becomes 1 Vp-p.



2. Color Level Adjustment

Setting:



Procedure:

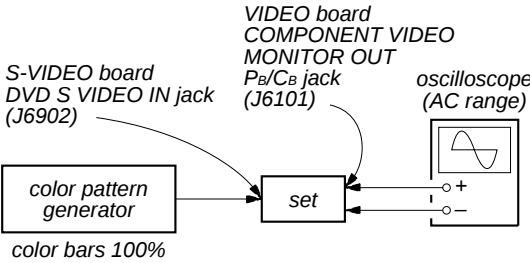
- 1. Connect a color pattern generator to the DVD S VIDEO IN jack (J6902) on the S-VIDEO board, and connect an oscilloscope to the COMPONENT VIDEO MONITOR OUT Pb/Cb jack and COMPONENT VIDEO MONITOR OUT Pr/Cr jack (J6101) on the VIDEO board .

- 2. Enter the test mode.
- 3. Input color bars signal from the color pattern generator.
- 4. Display two waveforms of C_B and C_R simultaneously.
- 5. Adjust the [INPUT SELECTOR] dial so that the Vp-p value of waveforms of C_B and C_R both may be most set to 0.7V closely.



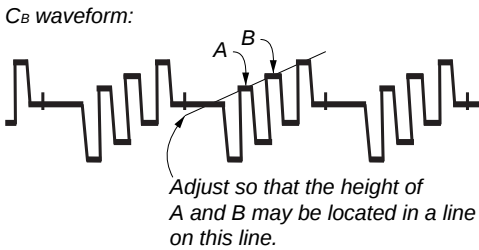
3. HUE Level Adjustment

Setting:



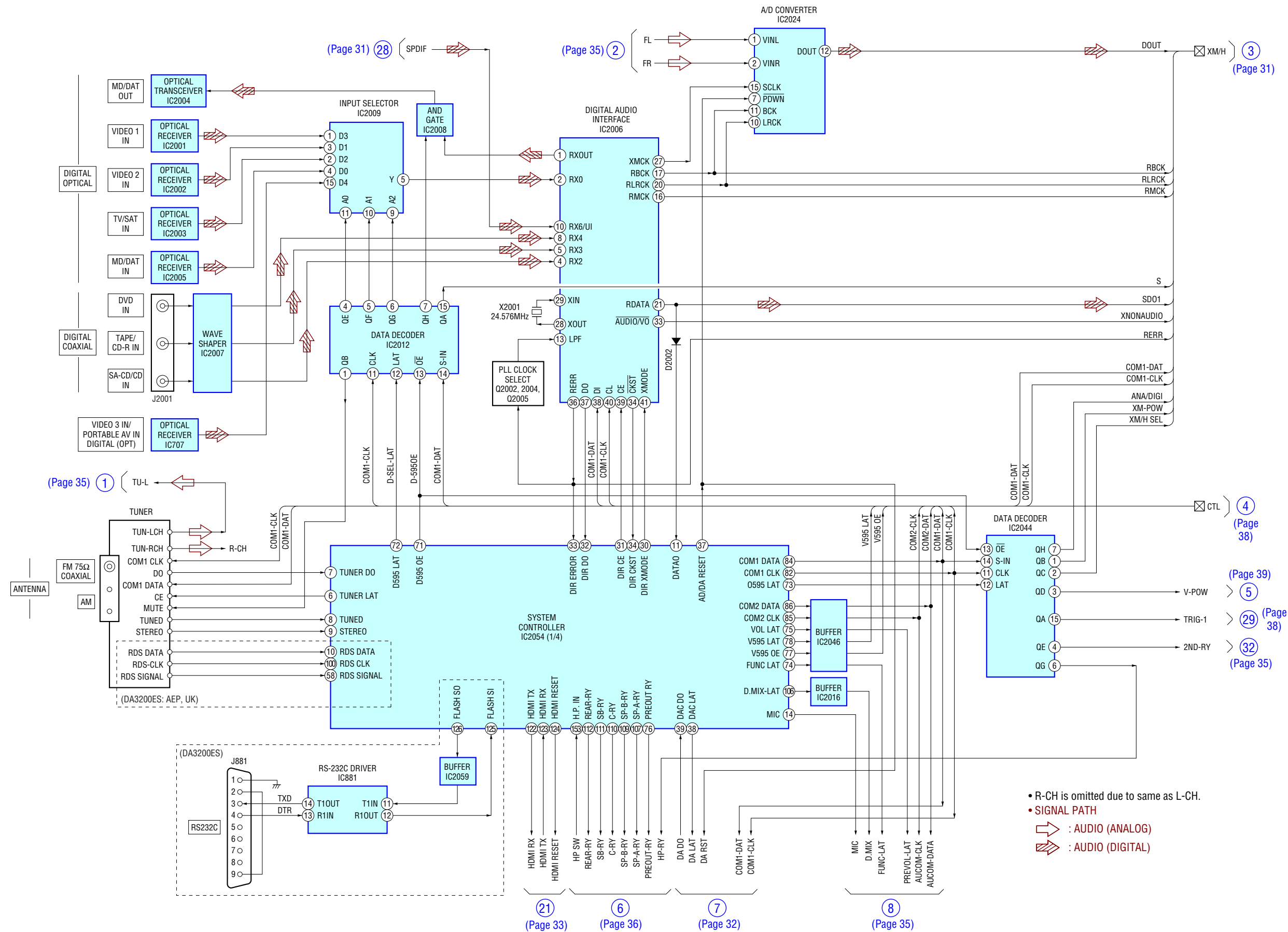
Procedure:

- 1. Connect a color pattern generator to the DVD S VIDEO IN jack (J6902) on the S-VIDEO board, and connect an oscilloscope to the COMPONENT VIDEO MONITOR OUT Pb/Cb jack (J6101) on the VIDEO board.
- 2. Enter the test mode.
- 3. Input color bars signal from the color pattern generator.
- 4. Adjust the [TONE] dial so that the waveform as bellow.

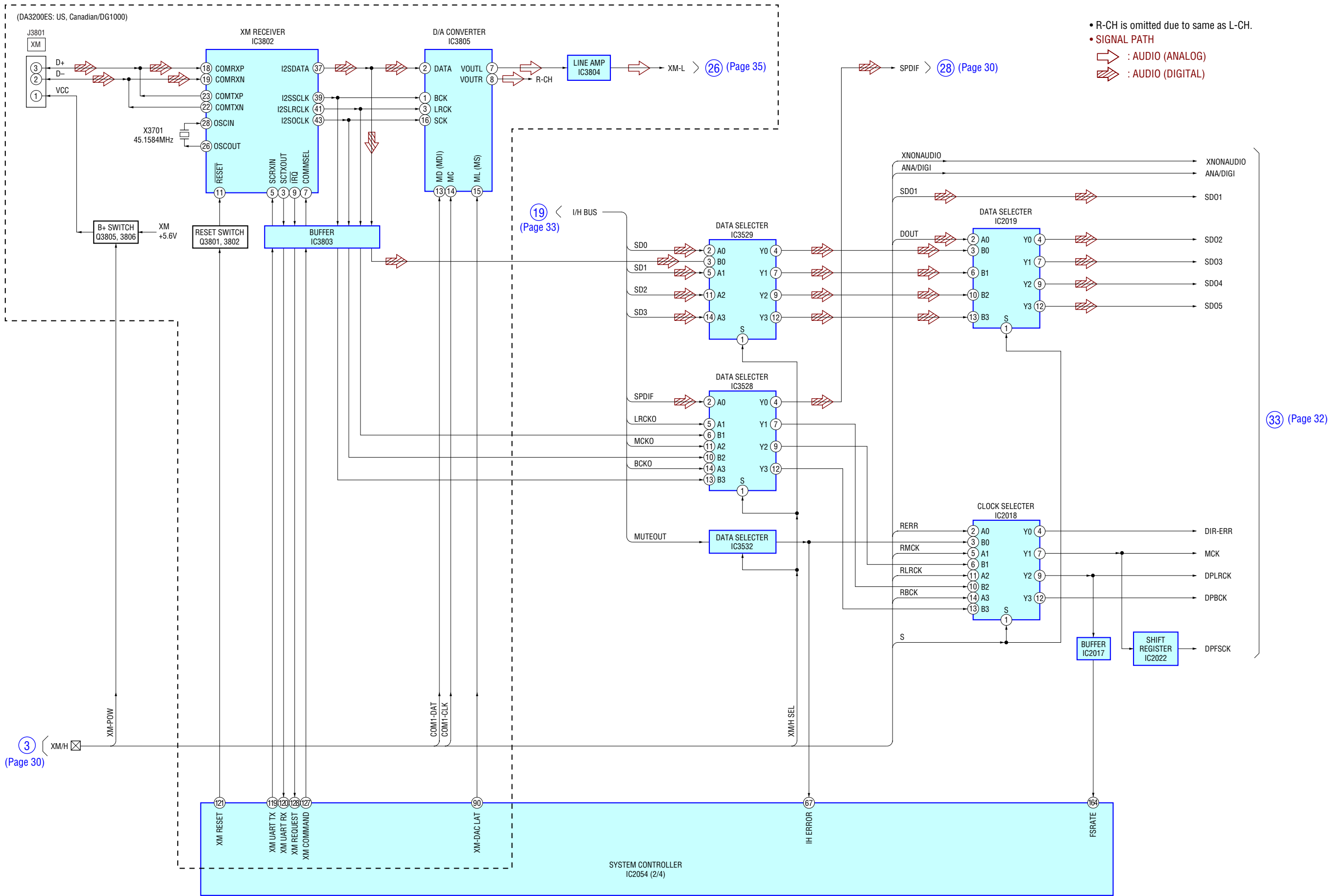


SECTION 6
DIAGRAMS

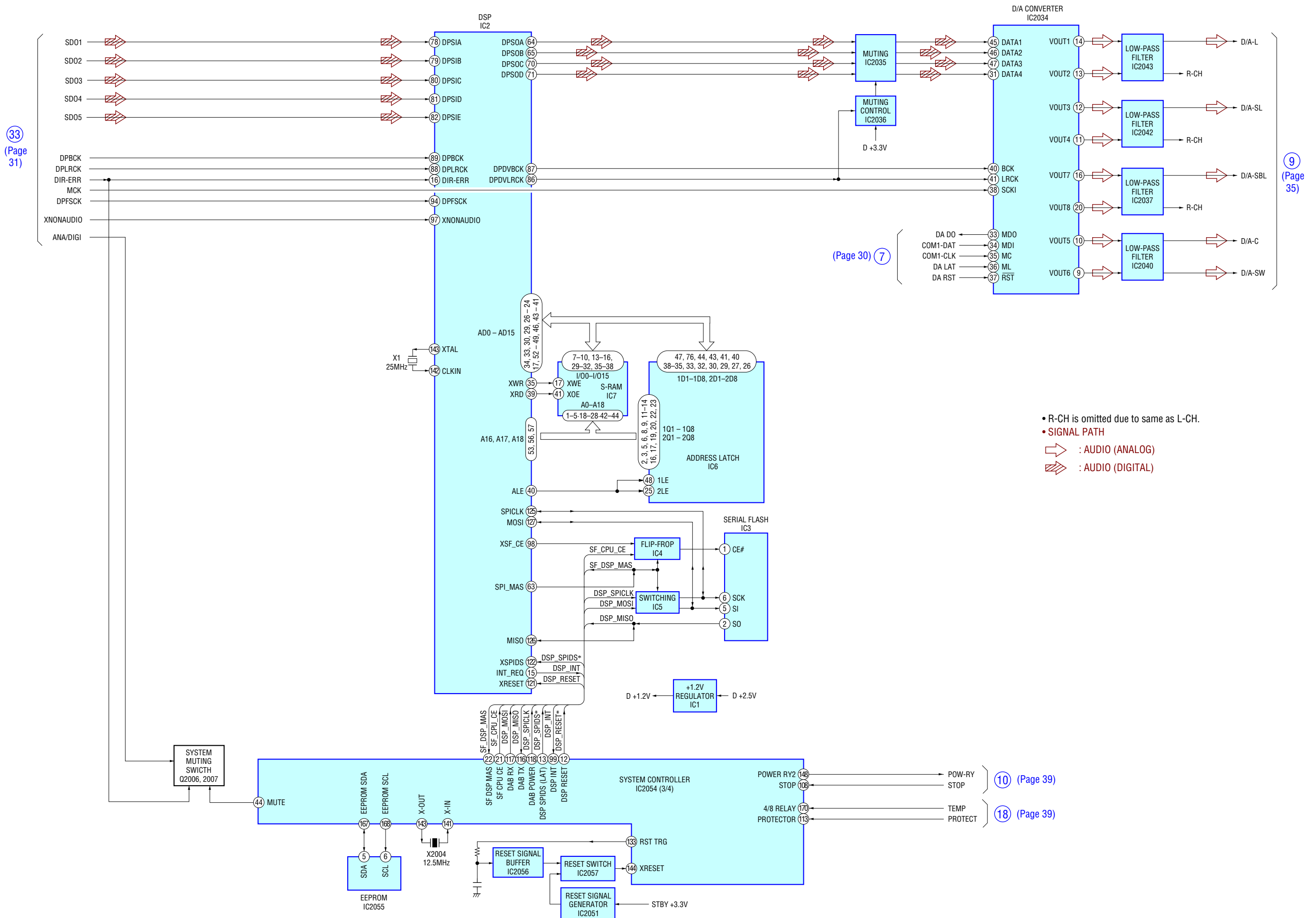
6-1. BLOCK DIAGRAM – CONTROL Section –



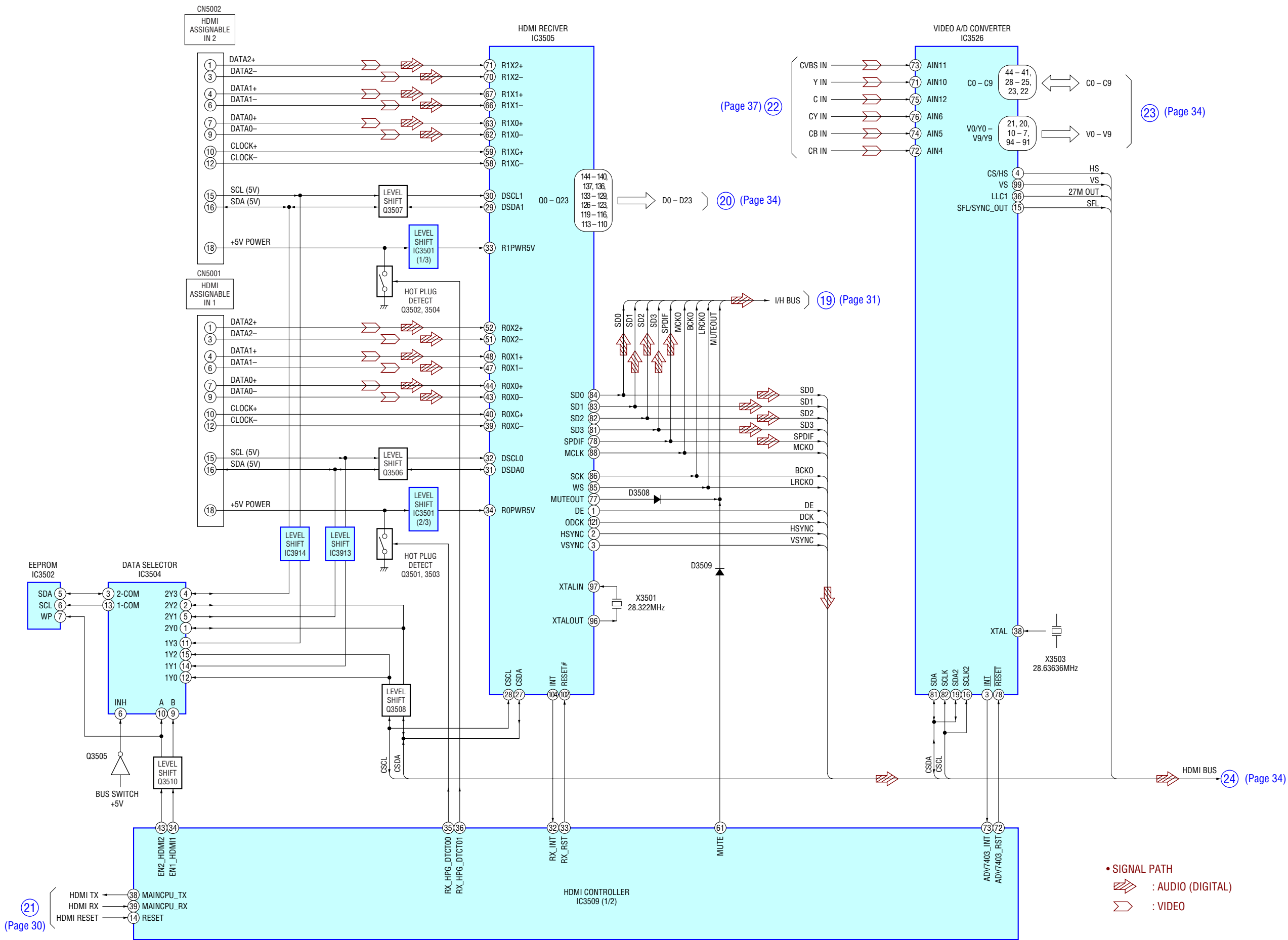
6-2. BLOCK DIAGRAM – DSP Section –



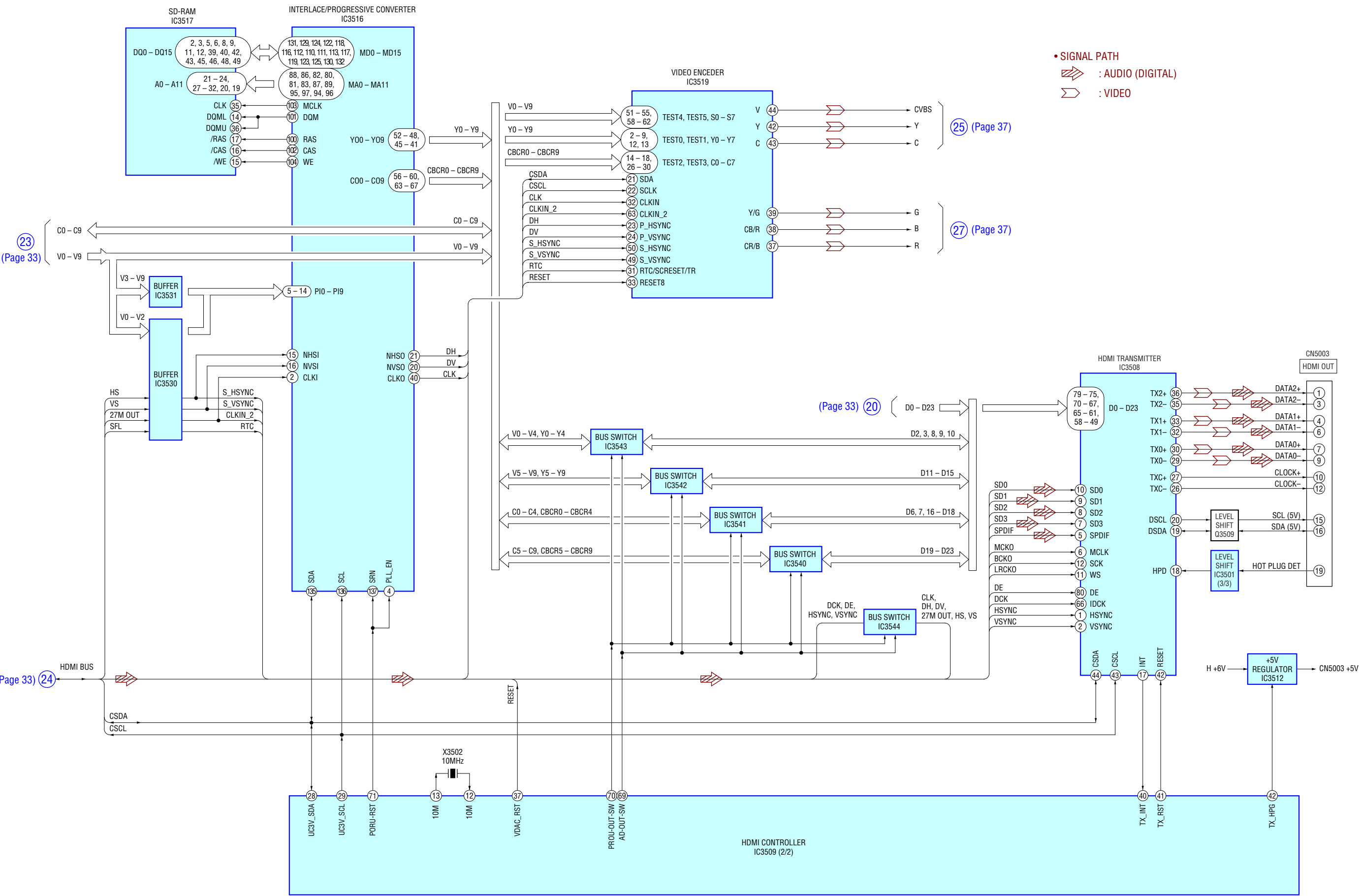
6-3. BLOCK DIAGRAM – HDMI RECEIVER Section –



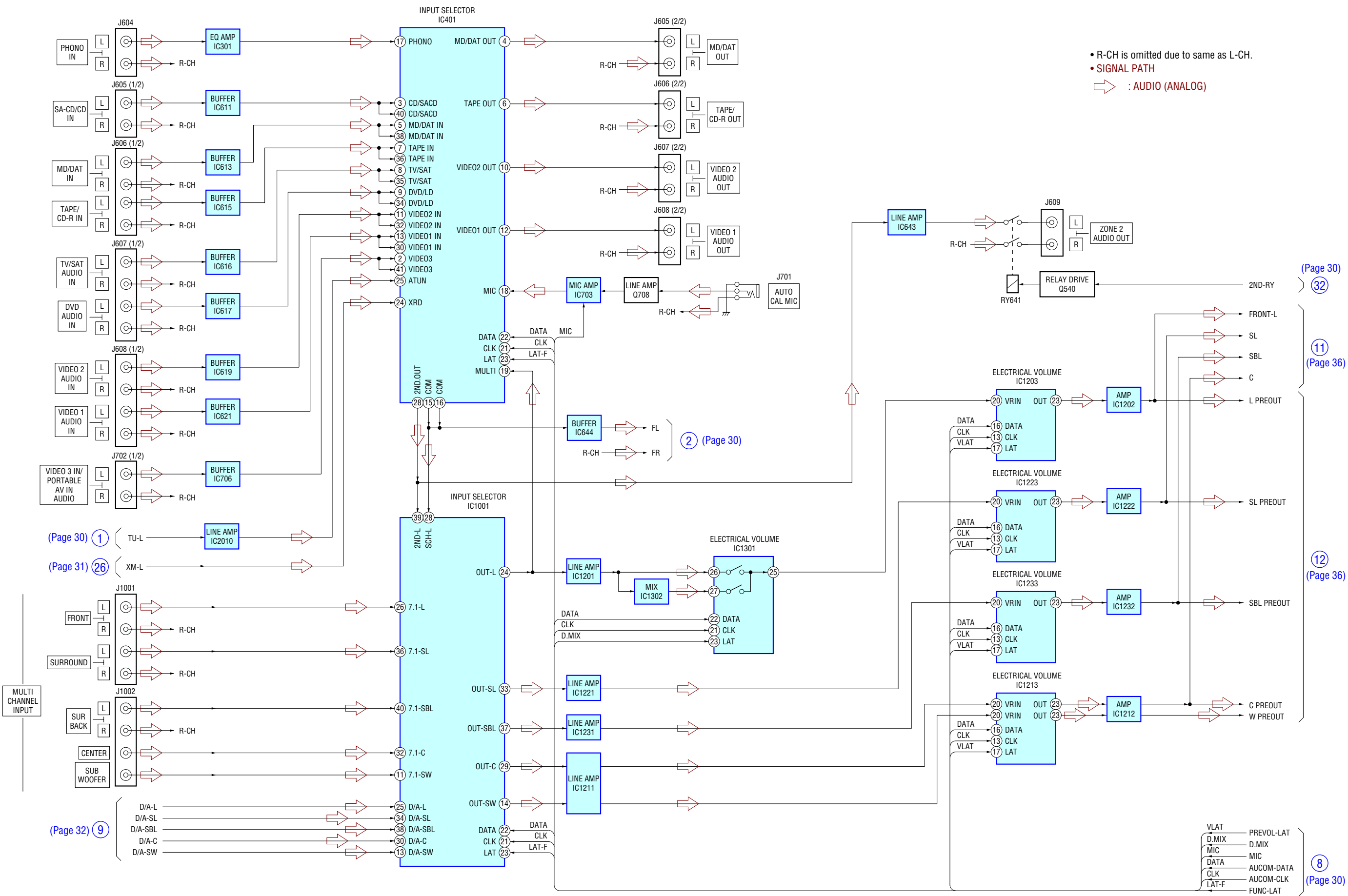
6-4. BLOCK DIAGRAM – HDMI TRANSCEIVER Section –



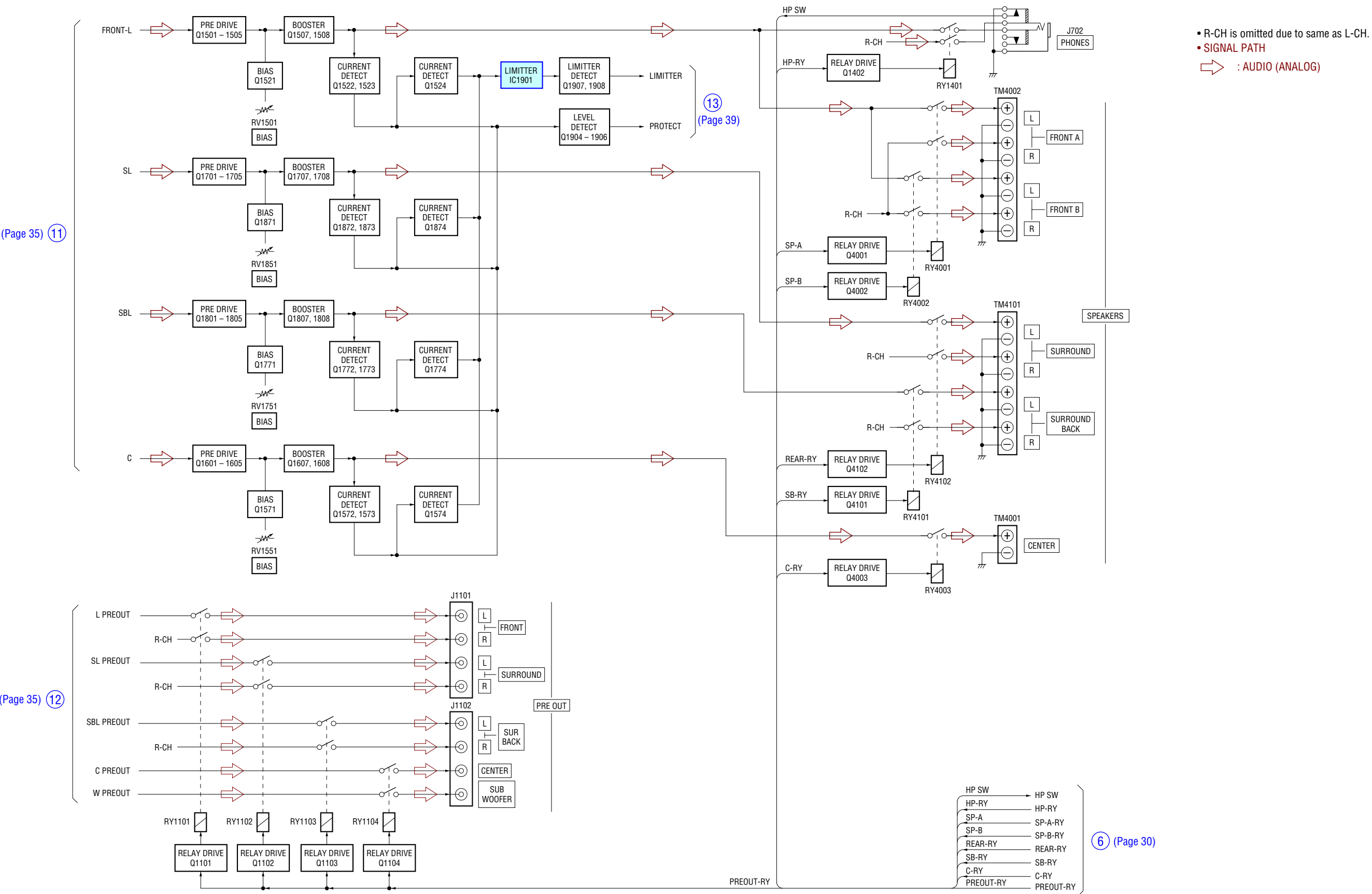
6-5. BLOCK DIAGRAM – ANALOG AUDIO Section –

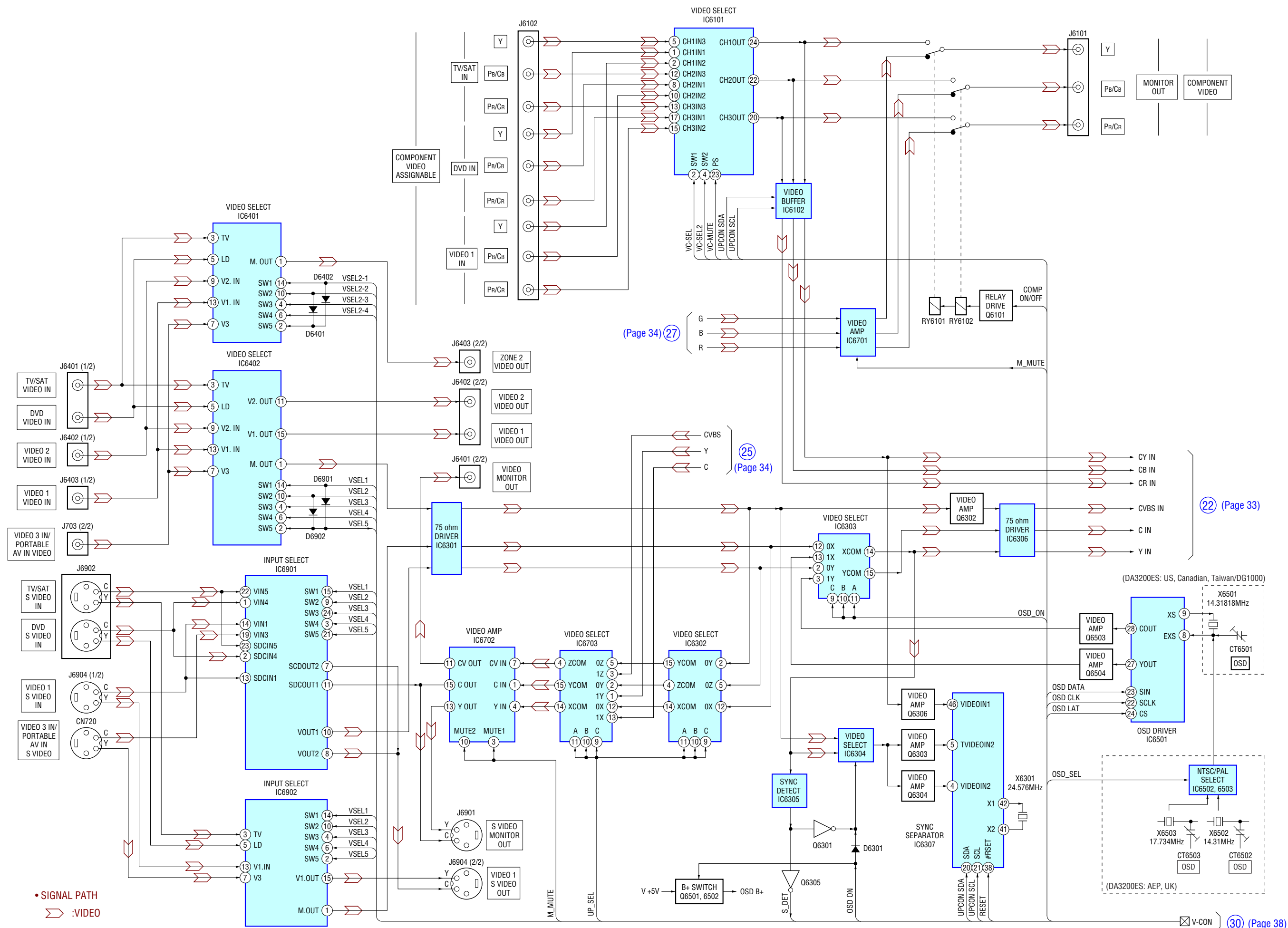


6-6. BLOCK DIAGRAM – ELECTRICAL VOLUME Section –

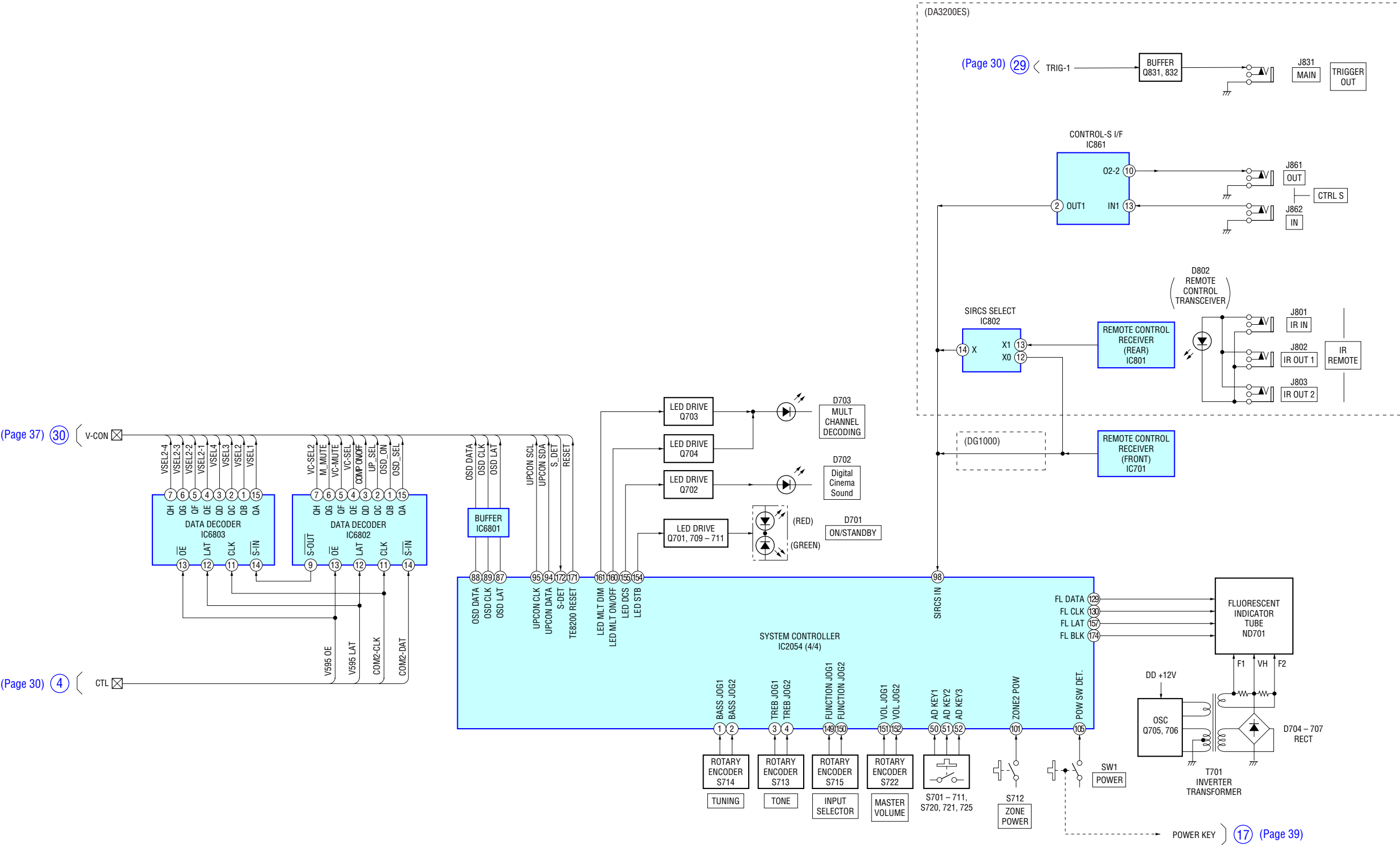


6-7. BLOCK DIAGRAM – POWER AMP Section –

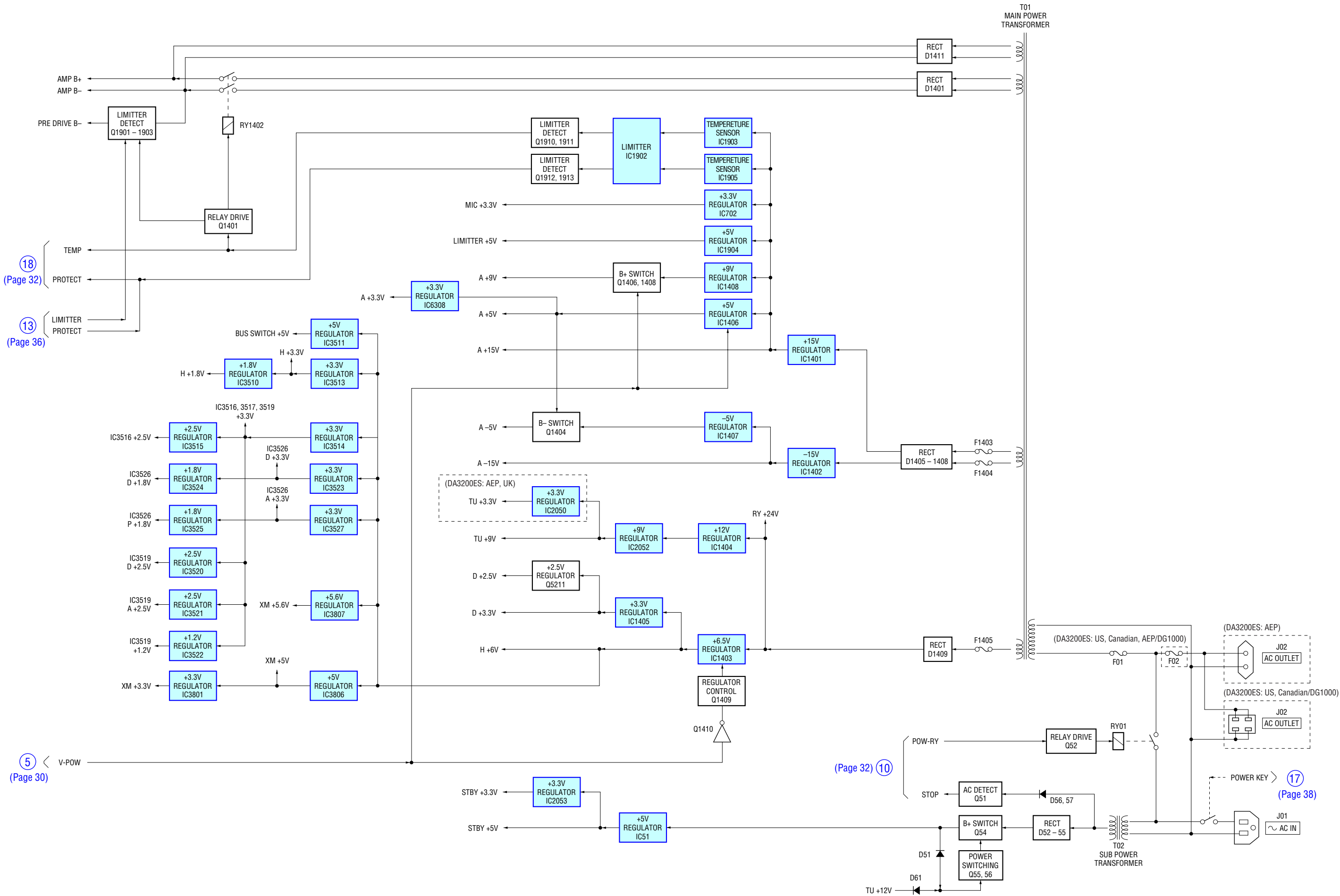




6-9. BLOCK DIAGRAM – DISPLAY Section –



6-10. BLOCK DIAGRAM – POWER SUPPLY Section –



• Note for Printed Wiring Boards and Schematic Diagrams

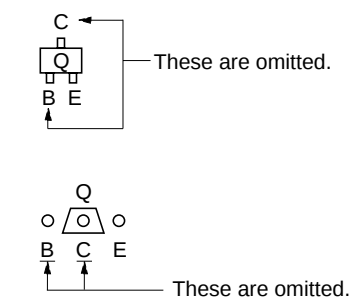
Note on Printed Wiring Board:

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

Caution:	
Pattern face side:	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side:	Parts on the parts face side seen from the parts face are indicated.

Caution:	
Pattern face side:	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side:	Parts on the parts face side seen from the parts face are indicated.

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



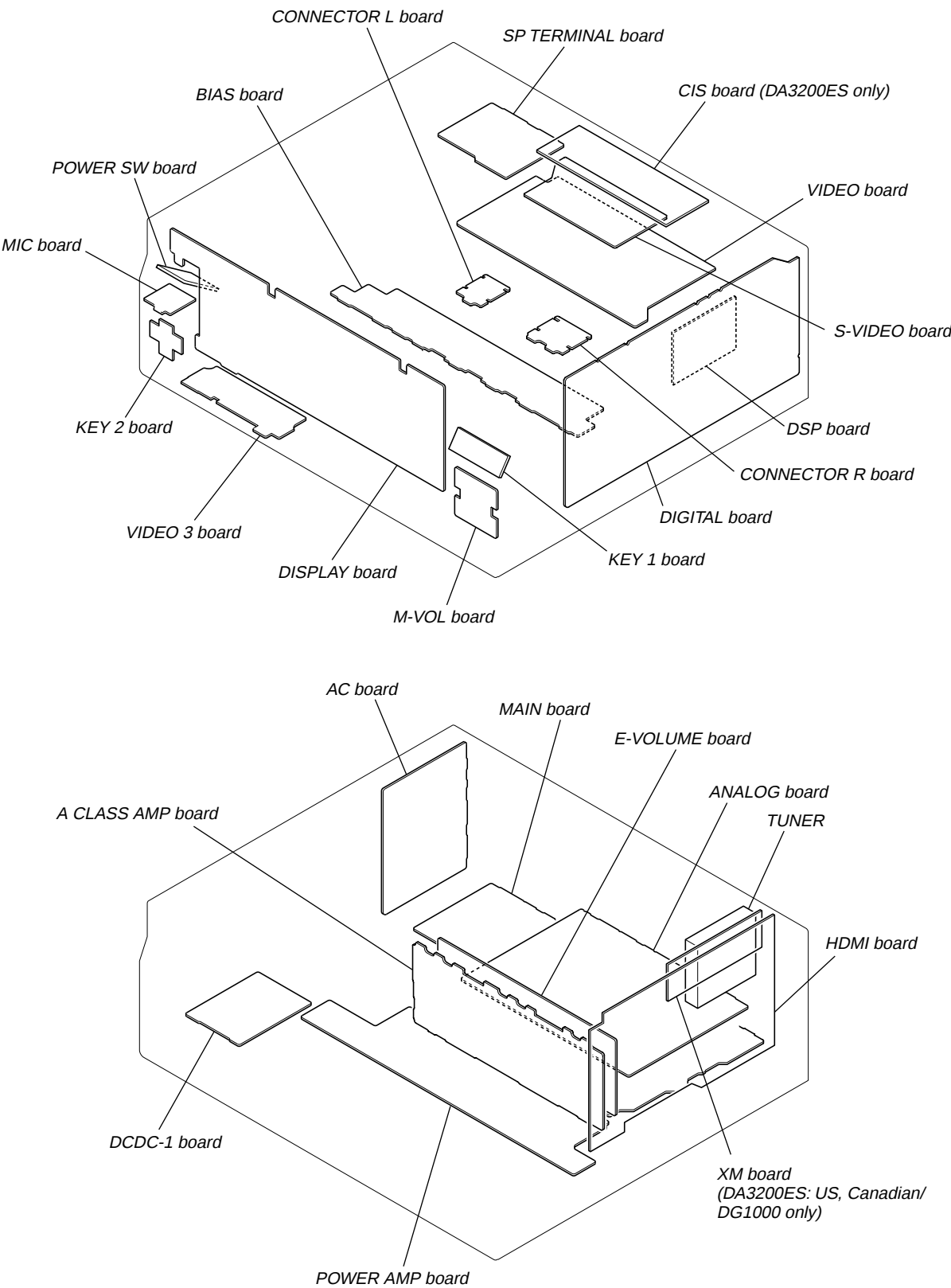
Note on Schematic Diagram:

- 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 $\frac{1}{4}W$ or less unless otherwise specified.
- △ : internal component.
- : nonflammable 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.
- : adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
 - VIDEO, S-VIDEO boards —
 - no mark : VIDEO 1 mode
 - HDMI board —
 - no mark : HDMI
 - * : Impossible to measure
 - XM board —
 - no mark : XM TUNER
 - Other boards —
 - no mark : TUNER
 - Voltages are taken with a VOM (Input impedance 10 MW). Voltage variations may be noted due to normal production tolerances.
 - Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
 - Circled numbers refer to waveforms.
 - Signal path.
 - ⇒ : AUDIO (ANALOG)
 - ⇒ : AUDIO (DIGITAL)
 - ⇒ : VIDEO
 - Abbreviation
 - CND : Canadian model
 - TW : Taiwan model

• Circuit Boards Location

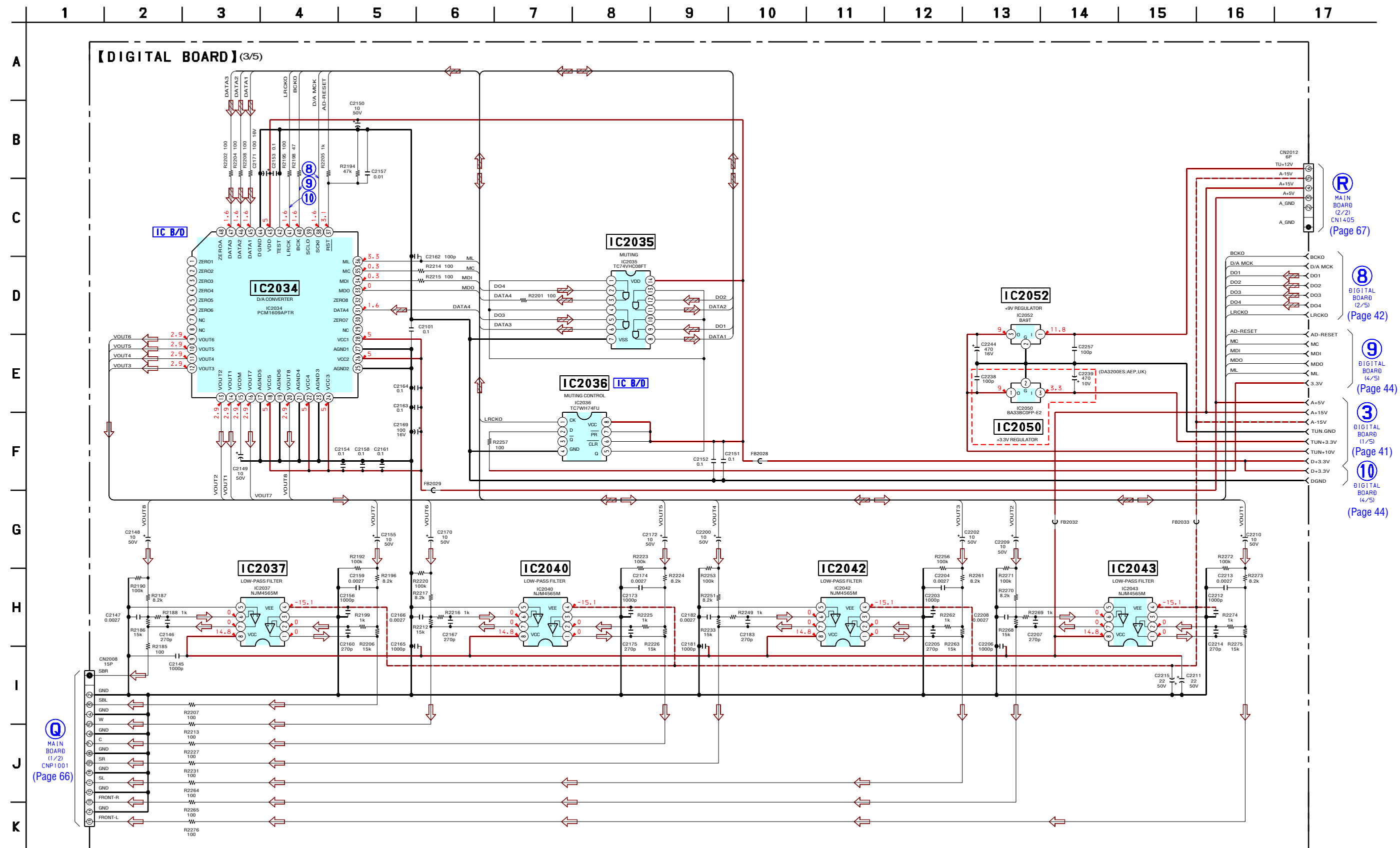




42 42



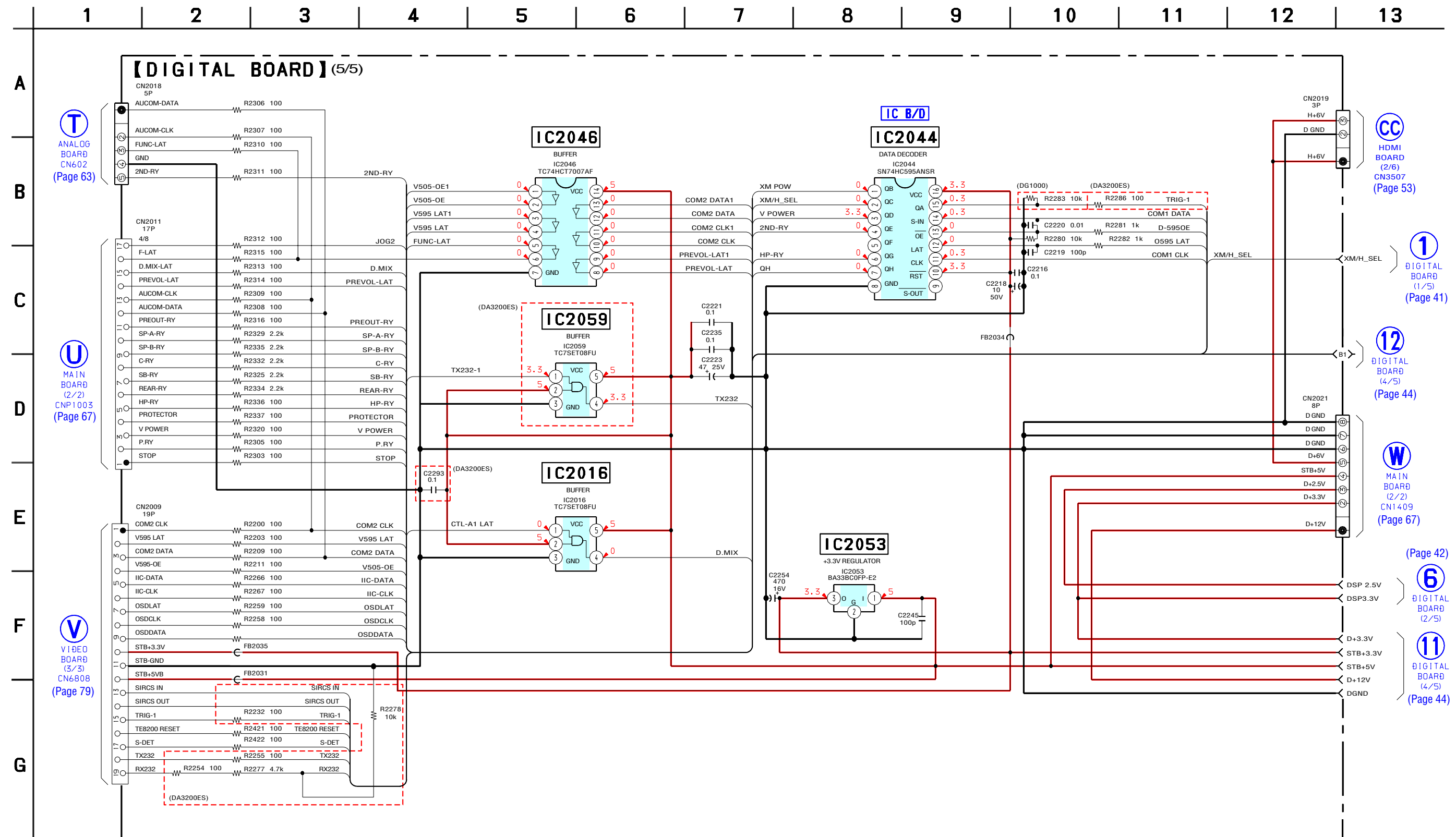
6-13. SCHEMATIC DIAGRAM – DIGITAL Board (3/5) – • See page 64 for Waveforms. • See page 92 for IC Block Diagrams.



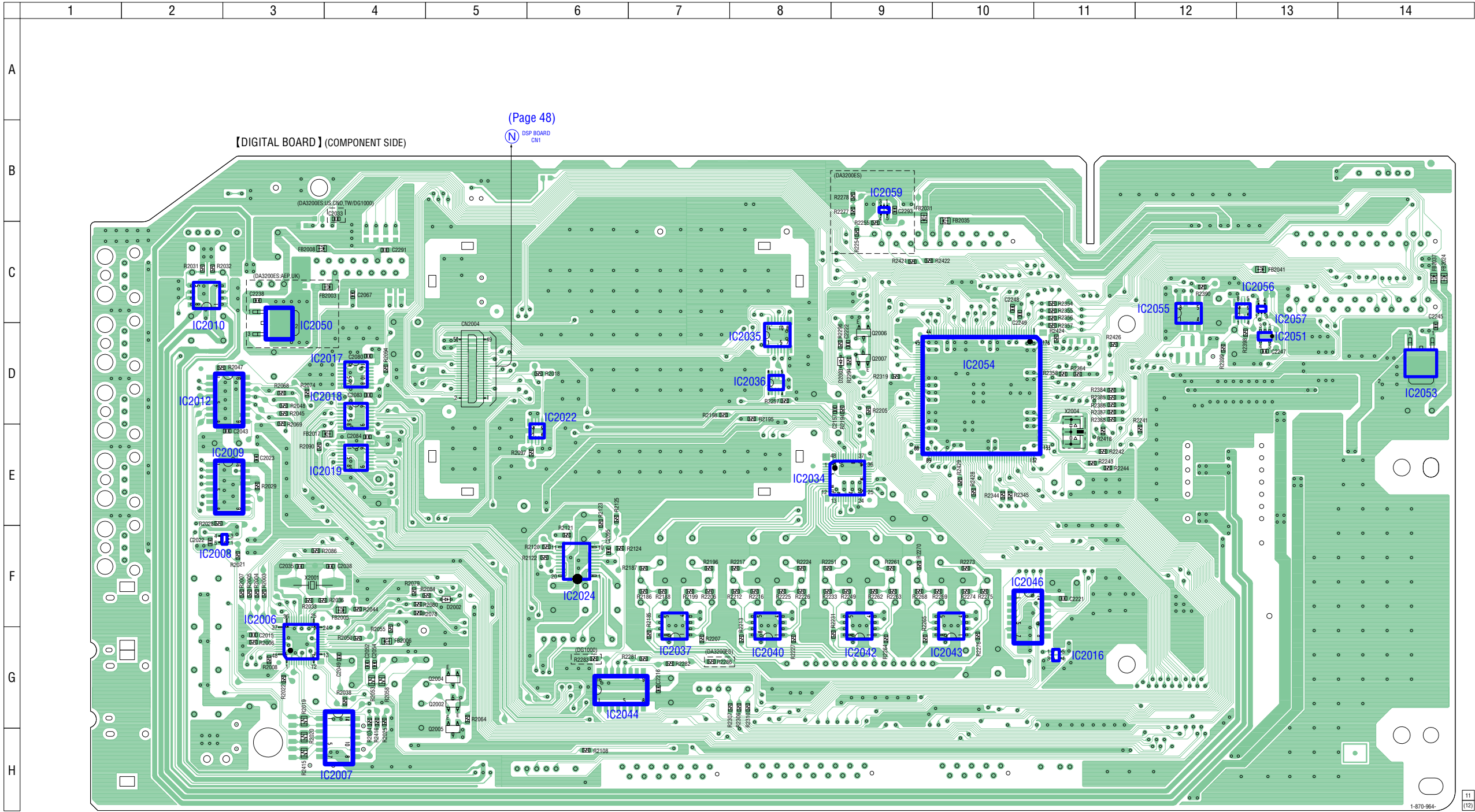
44



6-15. SCHEMATIC DIAGRAM – DIGITAL Board (5/5) – • See page 92 for IC Block Diagrams.



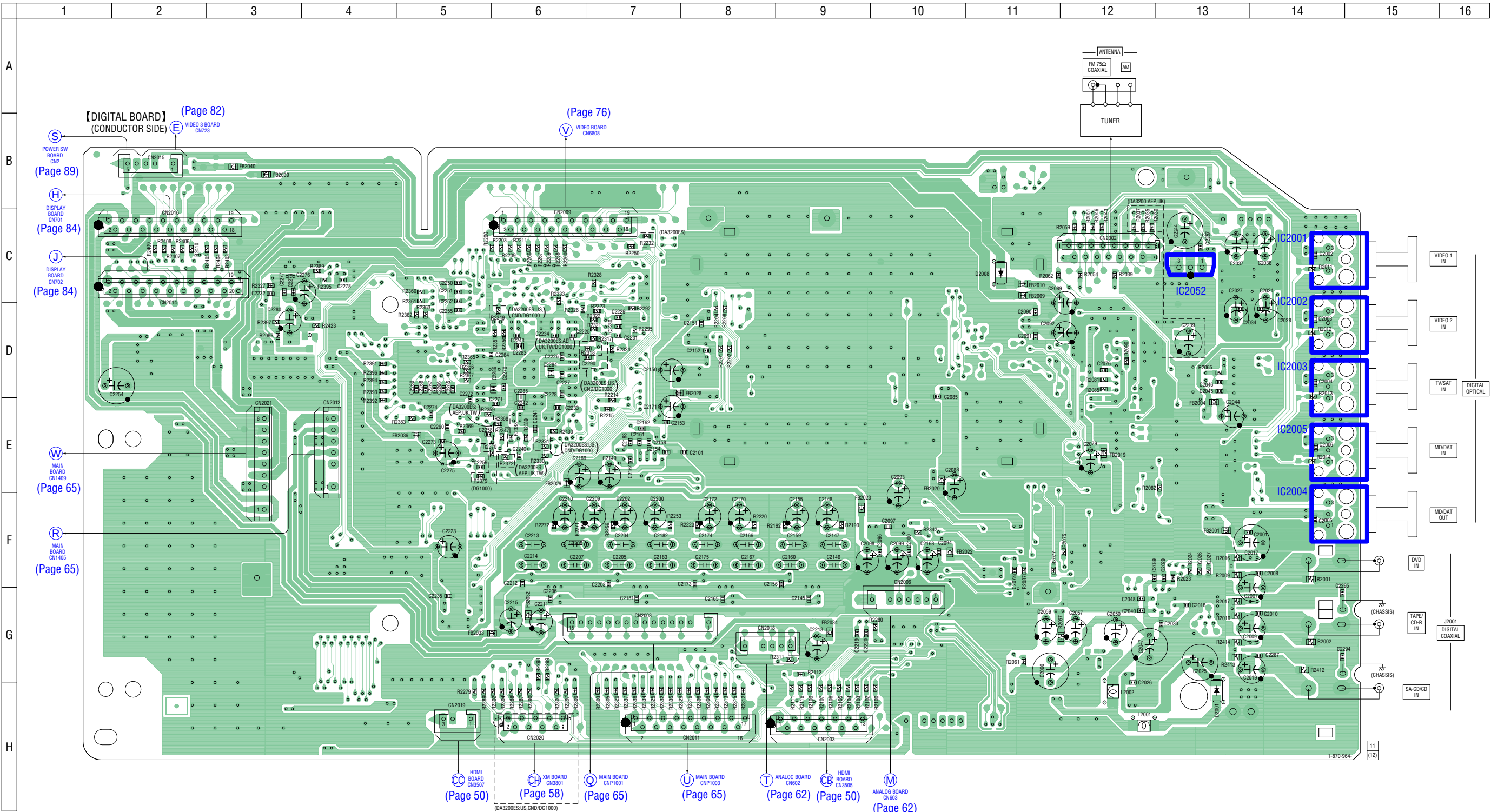
6-16. PRINTED WIRING BOARD – DIGITAL Board (Component Side) – • See page 40 for Circuit Boards Location. : Uses unleaded solder.



• Semiconductor Location

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D2002	F-5	IC2024	F-6	IC2055	C-12
D2003	D-9	IC2034	E-9	IC2056	C-13
		IC2035	D-8	IC2057	C-13
IC2006	G-3	IC2036	D-8	IC2059	B-9
IC2007	H-4	IC2037	F-7		
IC2008	F-3	IC2040	F-8	Q2002	G-5
IC2009	E-3	IC2042	F-9	Q2004	G-5
IC2010	C-2	IC2043	F-10	Q2005	H-5
IC2012	D-3	IC2044	G-6	Q2006	D-9
IC2016	G-11	IC2046	F-10	Q2007	D-9
IC2017	D-4	IC2050	D-3		
IC2018	D-4	IC2051	D-13		
IC2019	E-4	IC2053	D-14		
IC2022	E-6	IC2054	D-10		

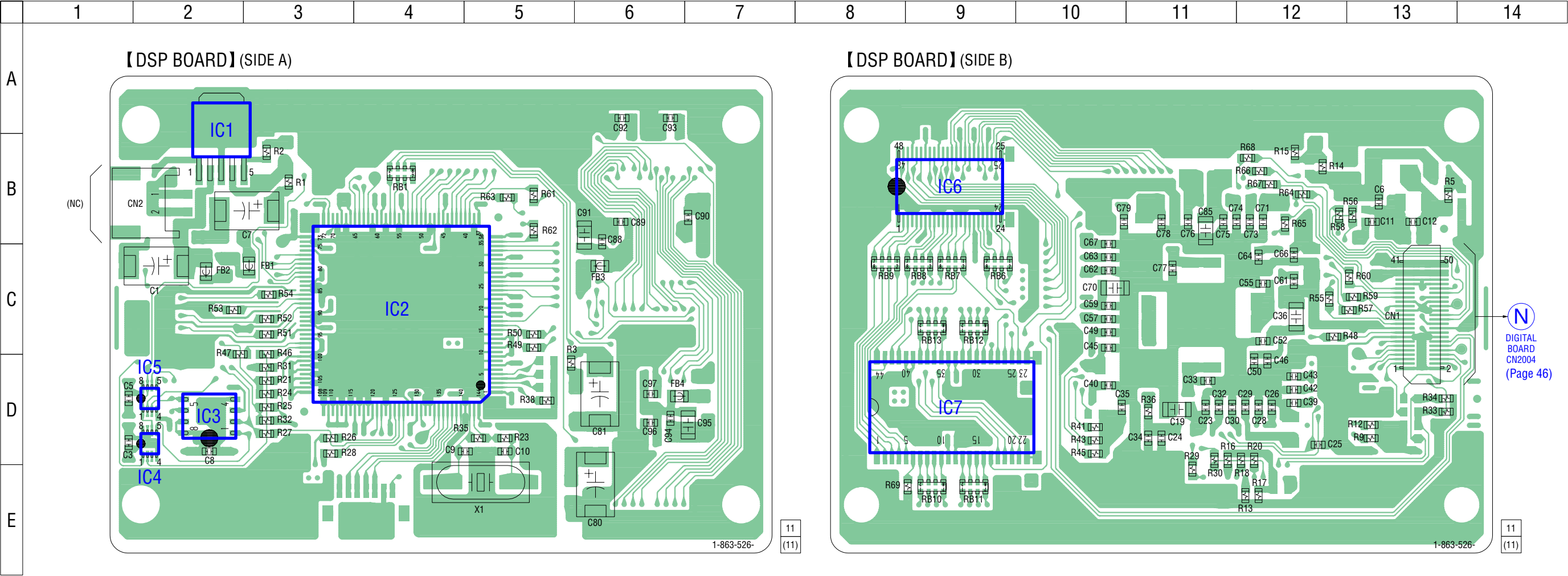
6-17. PRINTED WIRING BOARD – DIGITAL Board (Conductor Side) – • See page 40 for Circuit Boards Location.  : Uses unleaded solder.



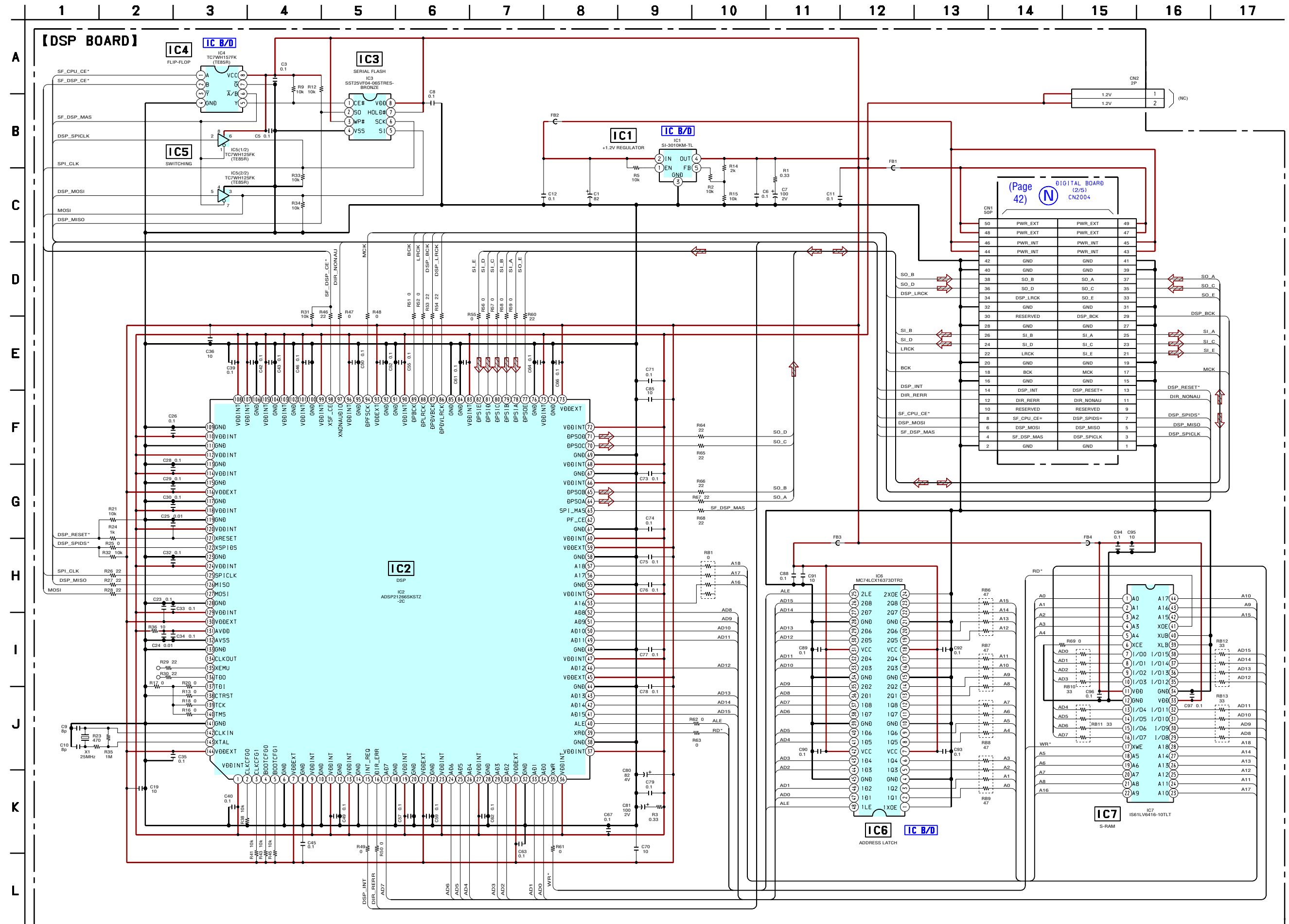
• Semiconductor Location

Ref. No.	Location
D2001	H-13
D2008	C-11
IC2001	C-14
IC2002	D-14
IC2003	D-14
IC2004	F-14
IC2005	E-14
IC2052	C-13

6-18. PRINTED WIRING BOARD – DSP Board – • See page 40 for Circuit Boards Location. : Uses unleaded solder.

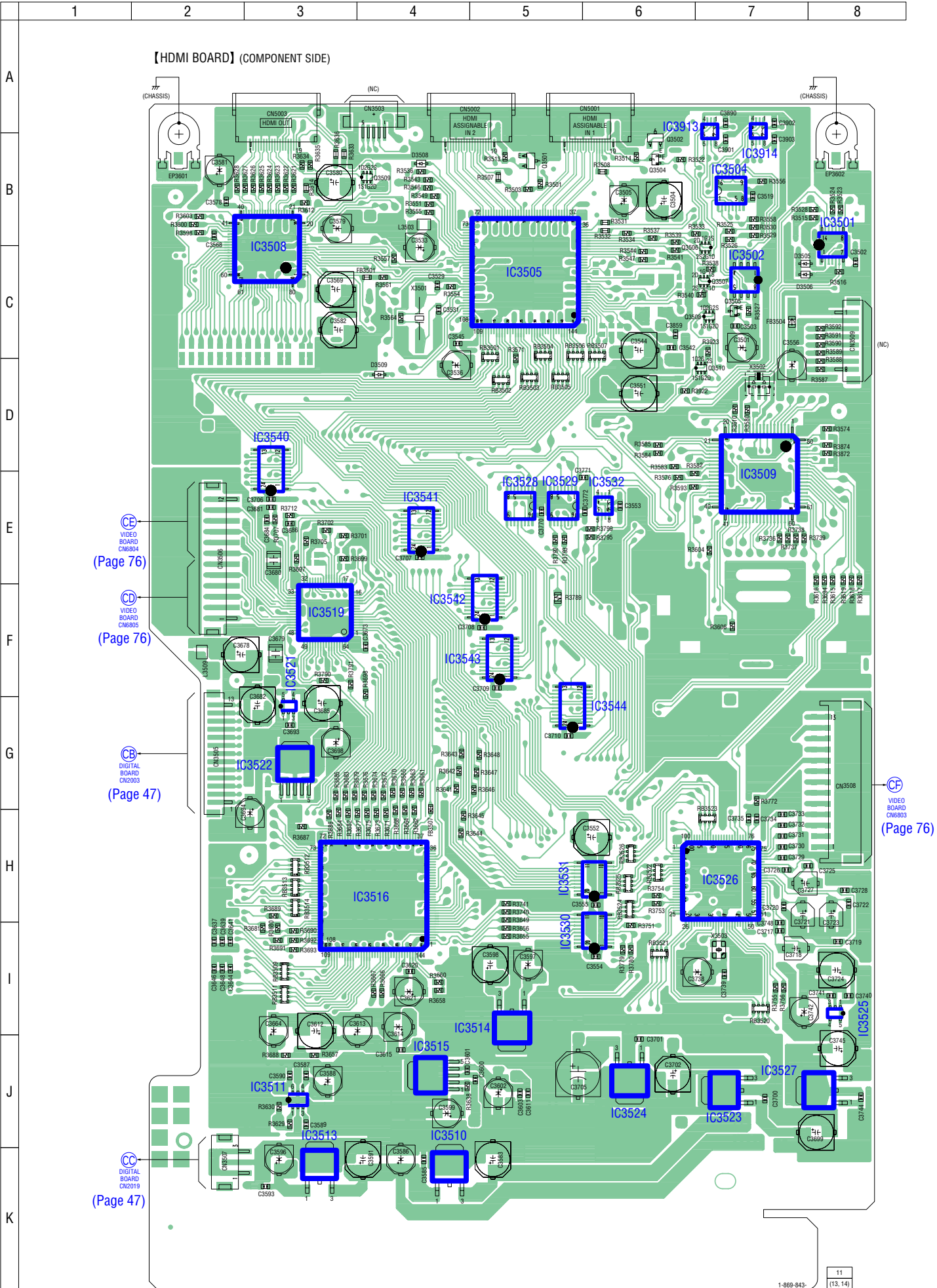


6-19. SCHEMATIC DIAGRAM – DSP Board – • See page 62 for Waveforms. • See page 92 for IC Block Diagrams. • See page 108 for IC Pin Function Description.

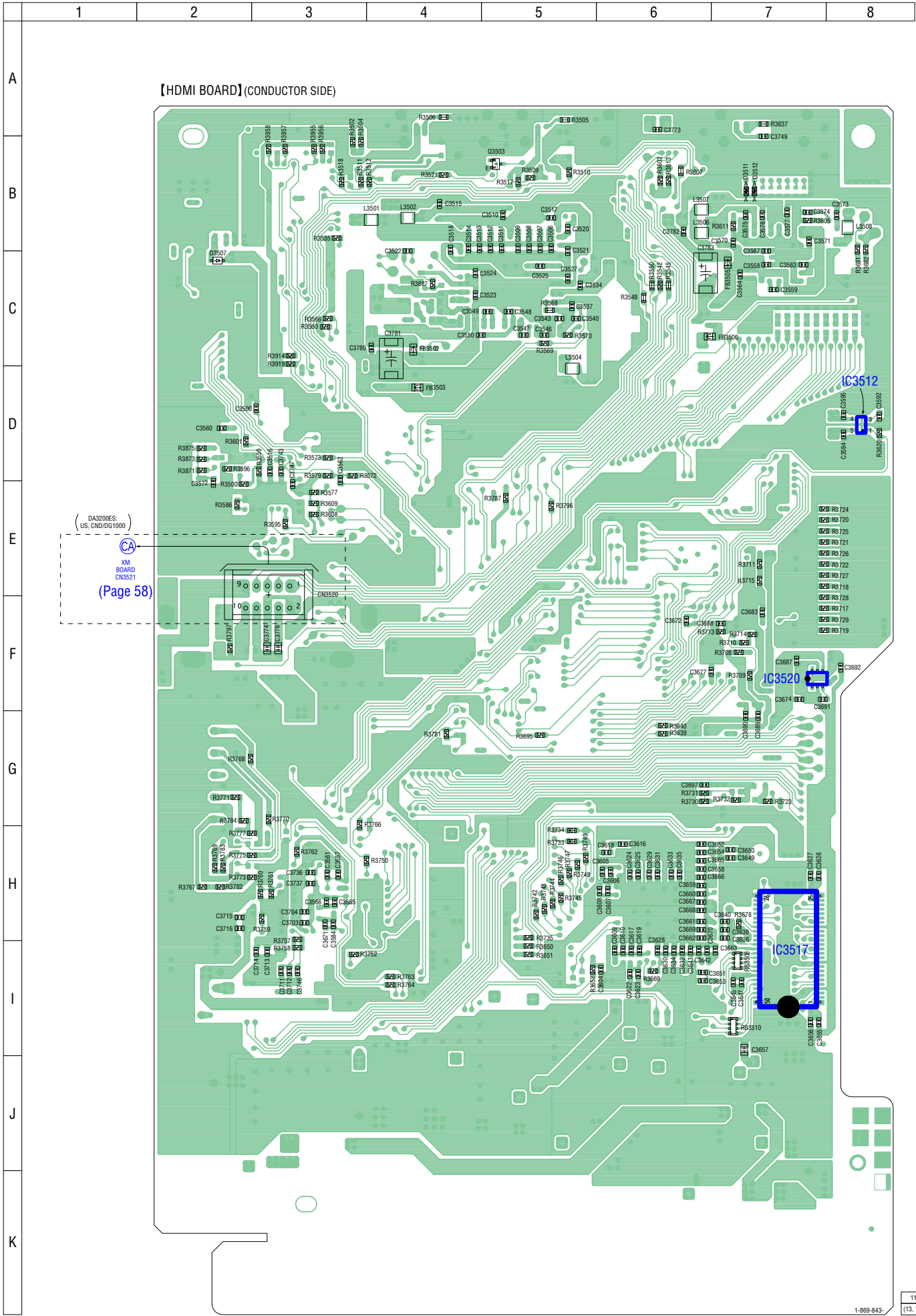


• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D3505	C-7	IC3527	J-8
D3506	C-7	IC3528	E-5
D3508	B-4	IC3529	E-5
D3509	D-4	IC3530	I-6
		IC3531	H-6
IC3501	B-8	IC3532	E-6
IC3502	C-7	IC3540	D-3
IC3504	B-7	IC3541	E-4
IC3505	C-5	IC3542	F-5
IC3508	C-3	IC3543	F-5
IC3509	E-7	IC3544	G-5
IC3510	K-4	IC3913	A-7
IC3511	J-3	IC3914	A-7
IC3513	K-3		
IC3514	I-5	Q3501	B-5
IC3515	J-4	Q3502	B-6
IC3516	H-4	Q3504	B-6
IC3519	F-3	Q3505	C-7
IC3521	G-3	Q3506	C-7
IC3522	G-3	Q3507	C-7
IC3523	J-7	Q3508	C-7
IC3524	J-6	Q3509	B-4
IC3525	I-8	Q3510	D-7
IC3526	H-7		



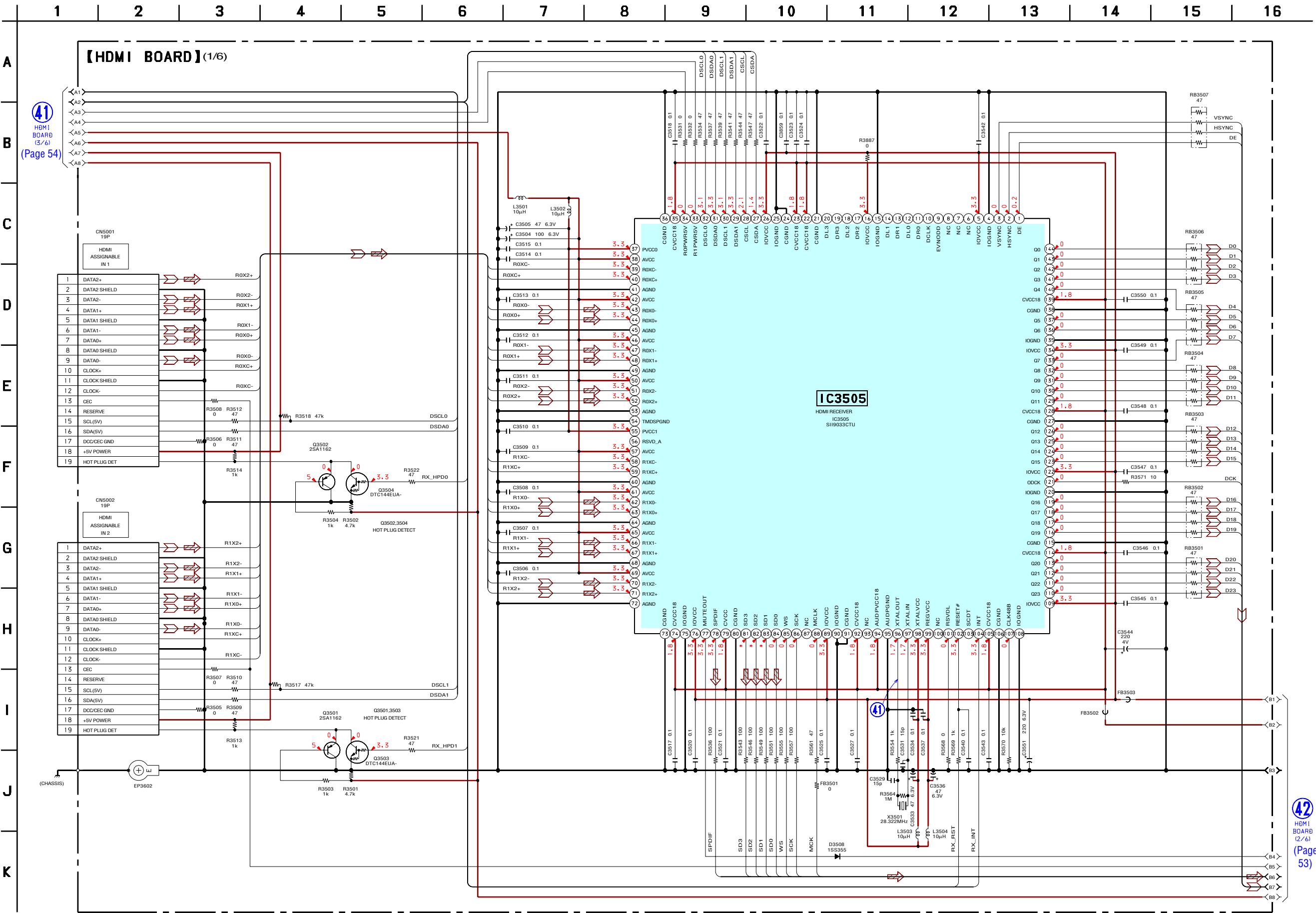
6-21. PRINTED WIRING BOARD – HDMI Board (Conductor Side) – • See page 40 for Circuit Boards Location. : Uses unleaded solder.



• Semiconductor Location

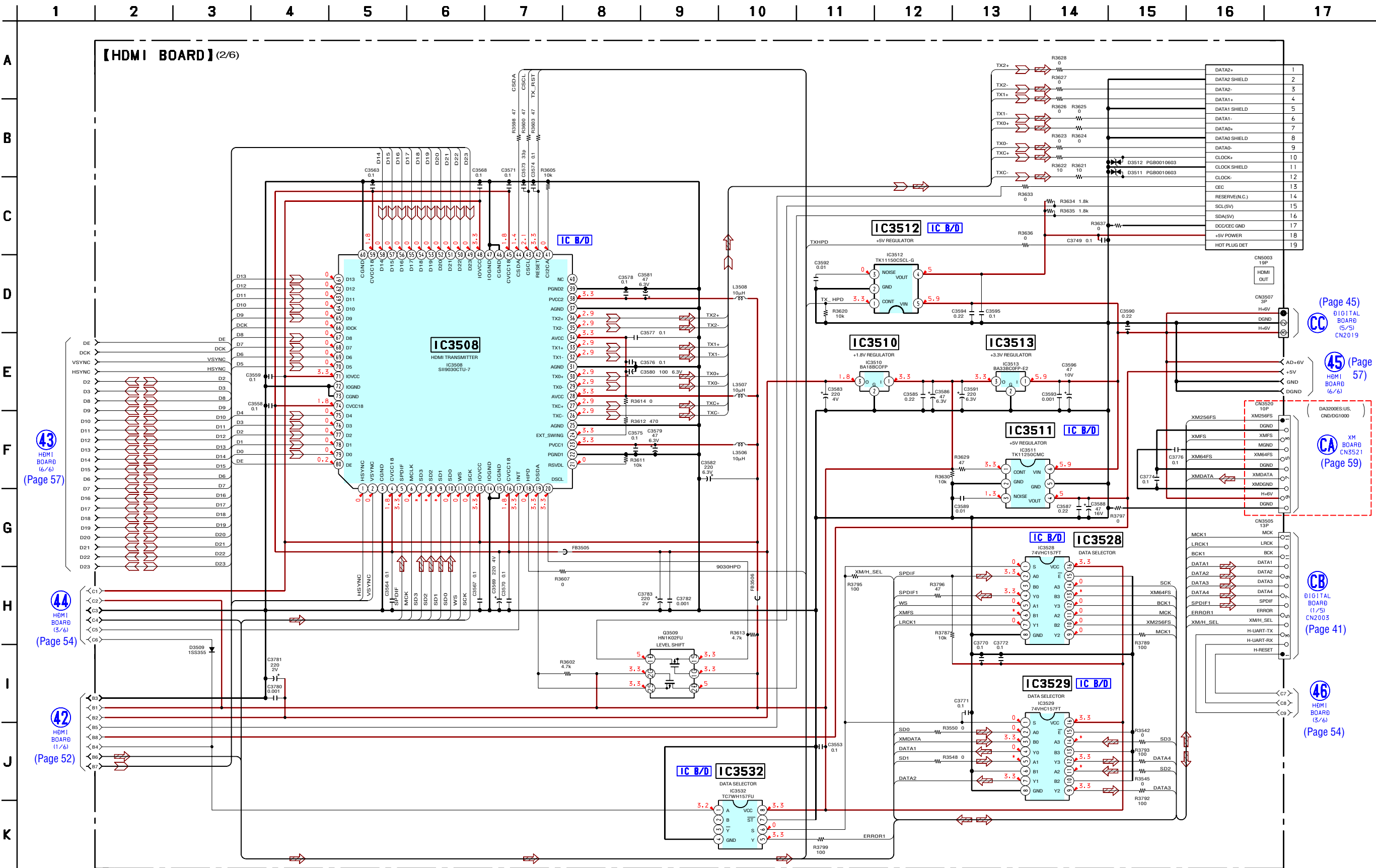
Ref. No.	Location
D3507	C-2
D3511	B-7
D3512	B-7
IC3512	D-8
IC3517	I-7
IC3520	F-7
Q3503	B-5

6-22. SCHEMATIC DIAGRAM – HDMI Board (1/6) – • See page 64 for Waveforms. • See page 108 for IC Pin Function Description.



Note: When IC3505 on the HDMI board is damaged, exchange the new HDMI board for the HDMI board which IC damaged.

6-23. SCHEMATIC DIAGRAM – HDMI Board (2/6) – • See page 92 for IC Block Diagrams.



(Page 45)
DIGITAL BOARD (5/5)
CN2019

(Page 57)
HDMI BOARD (6/6)

(Page 59)
DA3200ES-US, CN2019

(Page 41)
DIGITAL BOARD (1/5)
CN2003

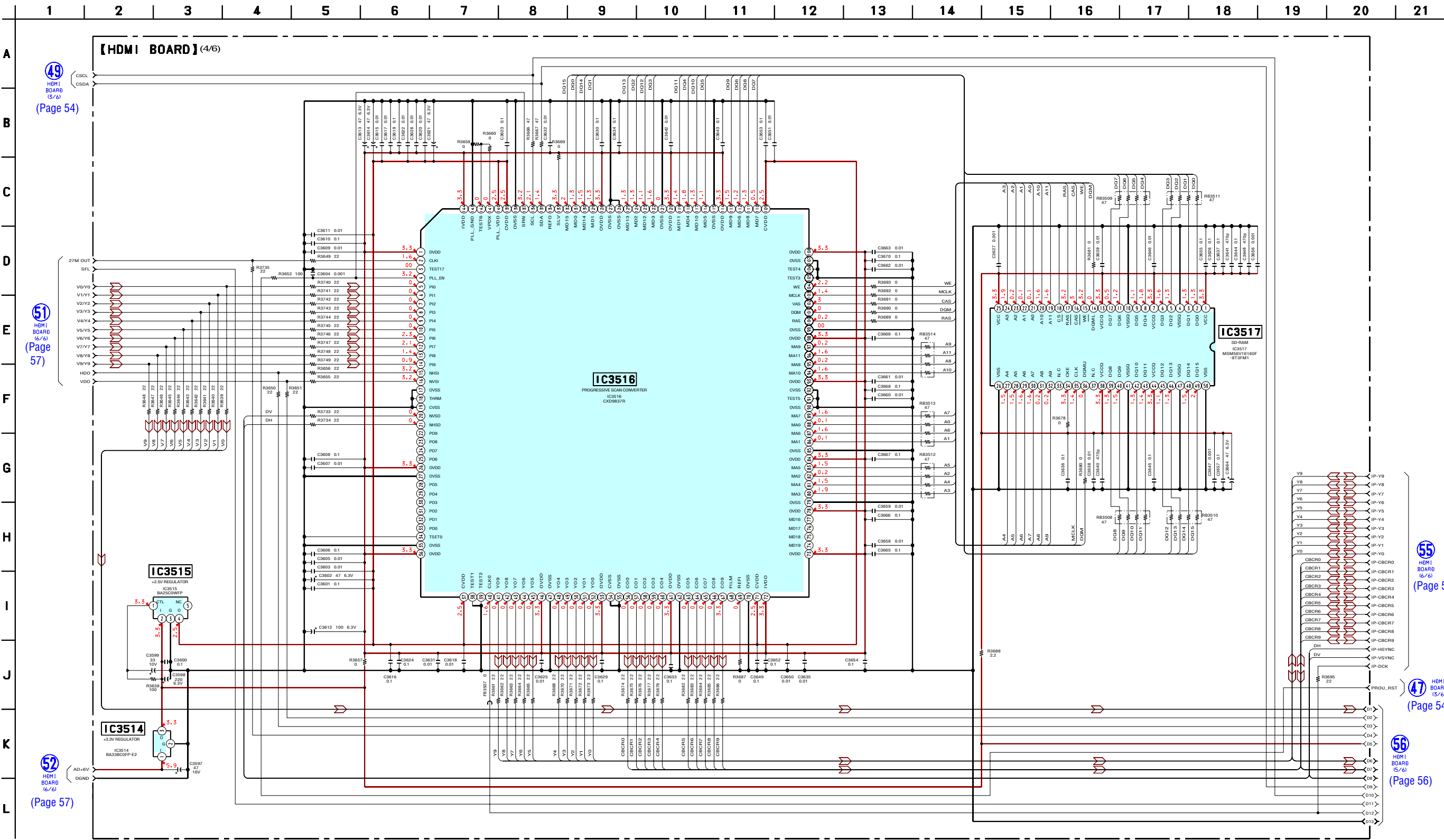
(Page 54)
HDMI BOARD (3/6)

Note: When IC3508 on the HDMI board is damaged, exchange the new HDMI board for the HDMI board which IC damaged.

54 54



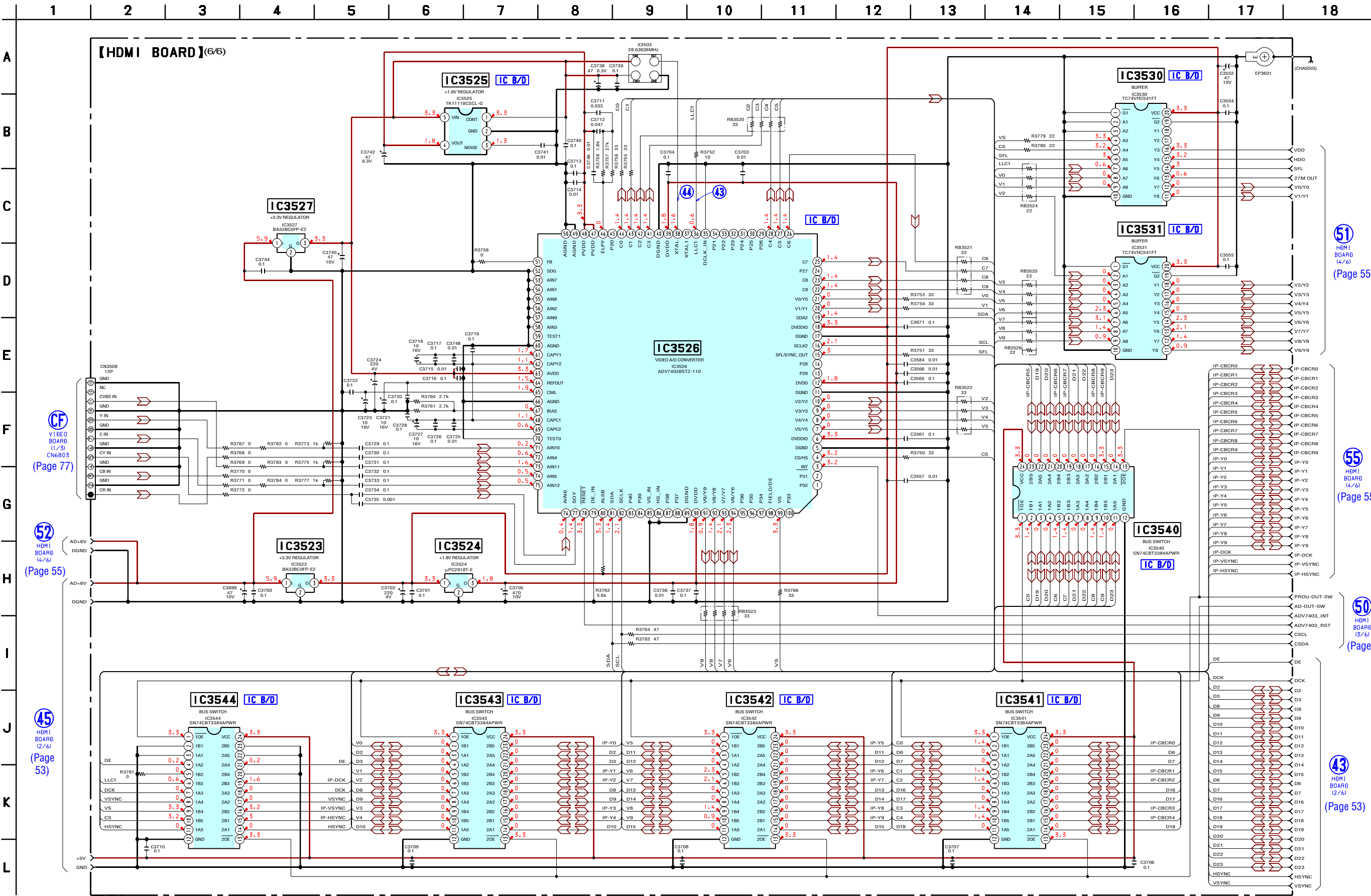
6-25. SCHEMATIC DIAGRAM – HDMI Board (4/6) – See page 92 for IC Block Diagrams. See page 108 for IC Pin Function Description.



56 56

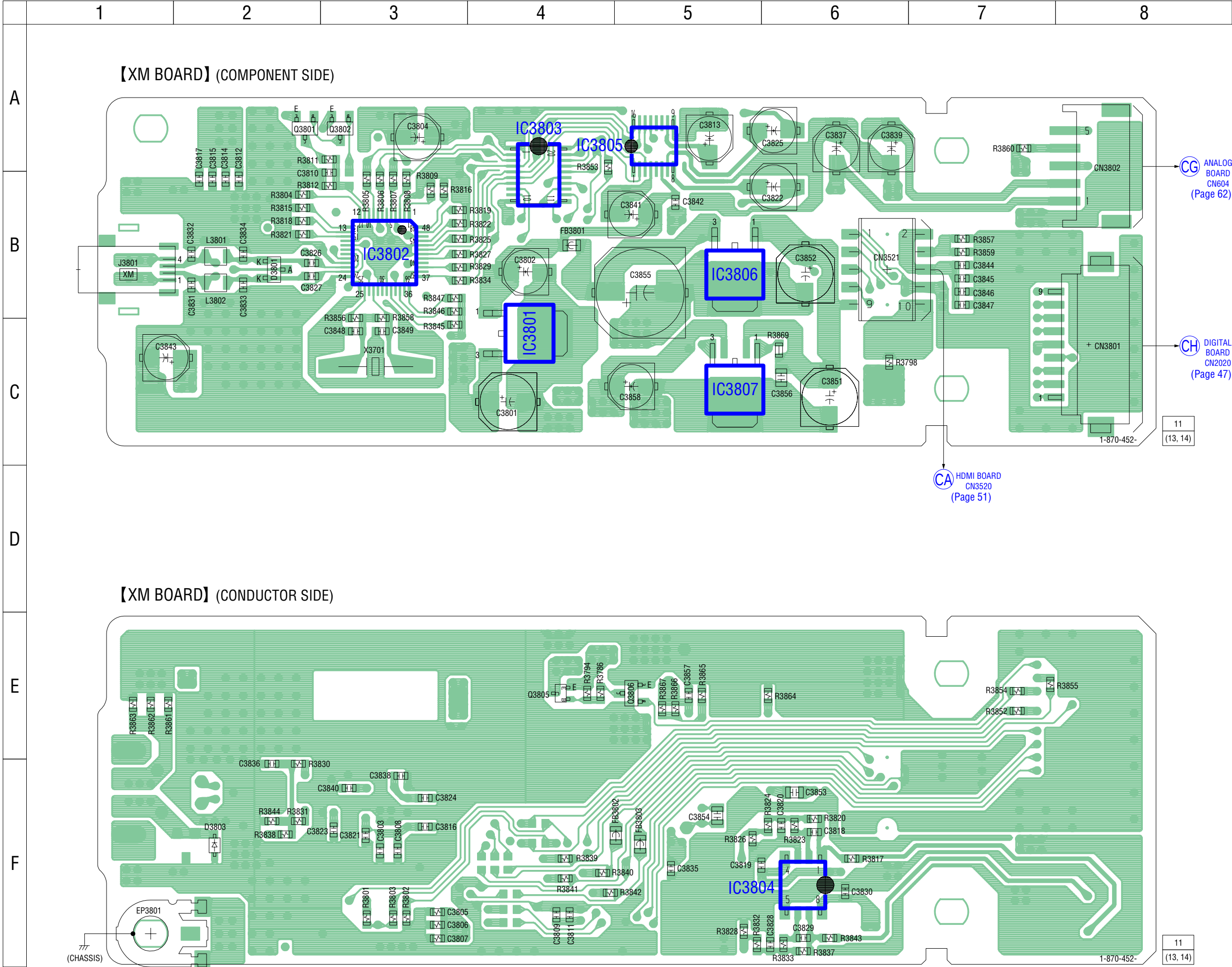


6-27. SCHEMATIC DIAGRAM – HDMI Board (6/6) – • See page 64 for Waveforms. • See page 92 for IC Block Diagrams.

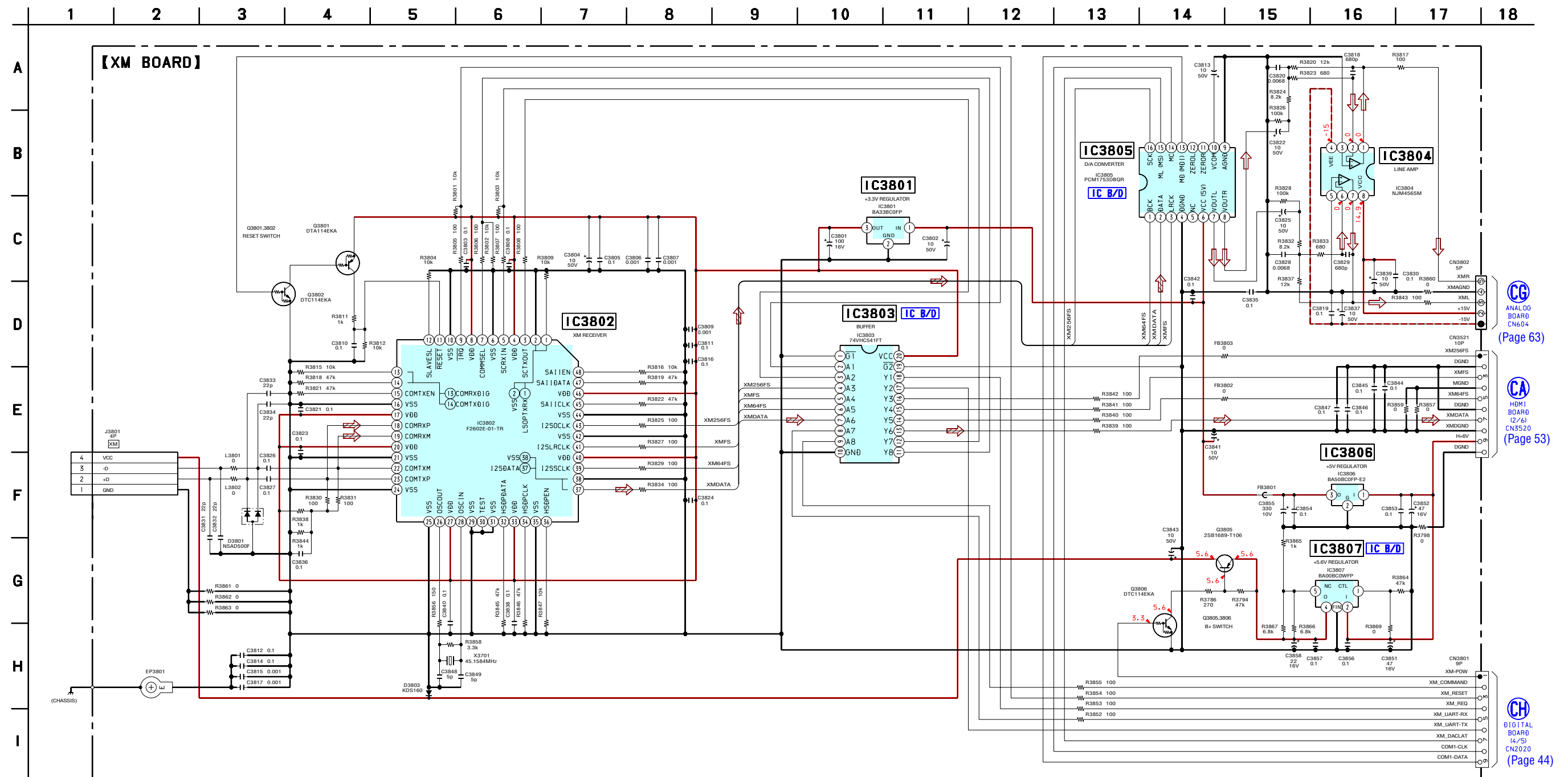


• Semiconductor Location

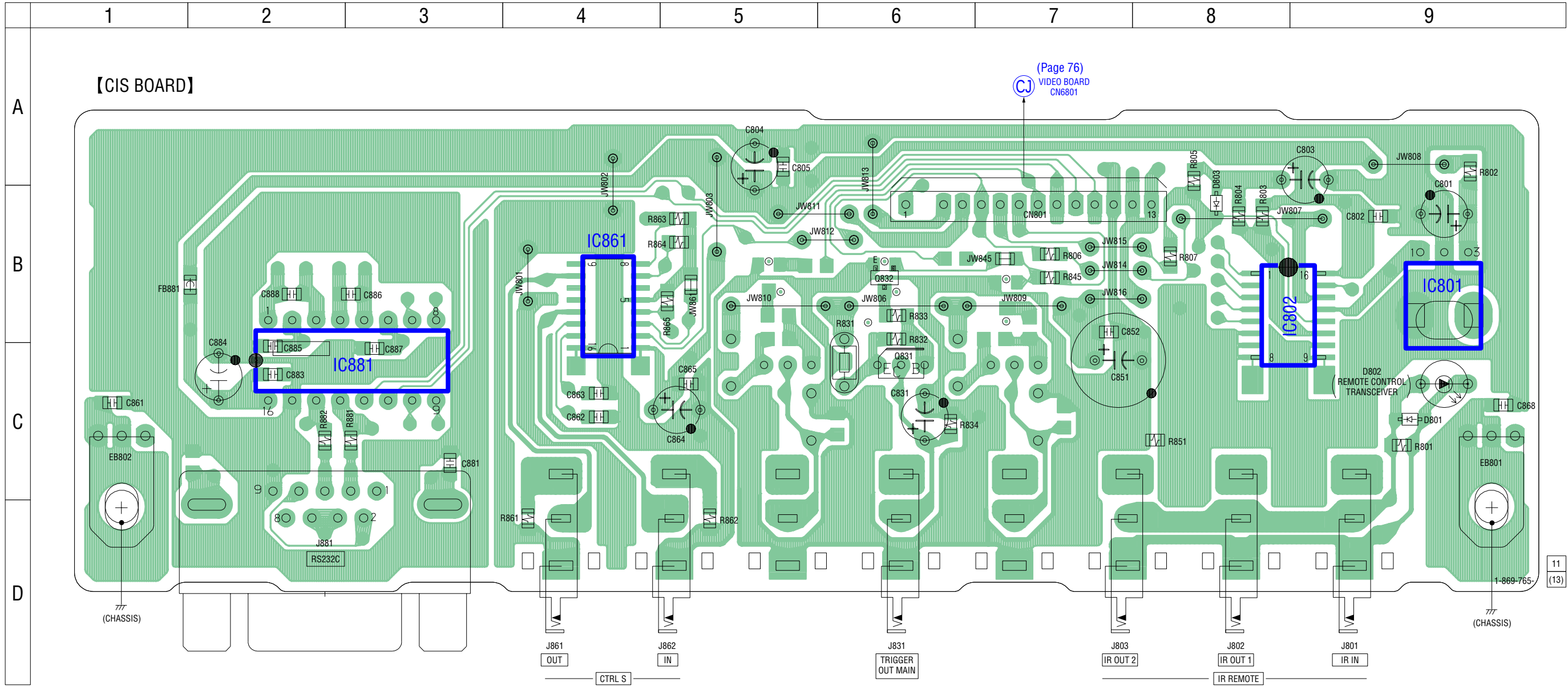
Ref. No.	Location
D3801	B-2
D3803	F-2
IC3801	C-4
IC3802	B-3
IC3803	B-4
IC3804	F-6
IC3805	A-5
IC3806	B-5
IC3807	C-5
Q3801	A-2
Q3802	A-3
Q3805	E-4
Q3806	E-5



6-29. SCHEMATIC DIAGRAM – XM Board (DA3200ES: US, Canadian models/DG1000) – • See page 92 for IC Block Diagrams. • See page 108 for IC Pin Function Description.



6-30. PRINTED WIRING BOARD – CIS Board (DA3200ES) – • See page 40 for Circuit Boards Location.  : Uses unleaded solder.



• Semiconductor Location

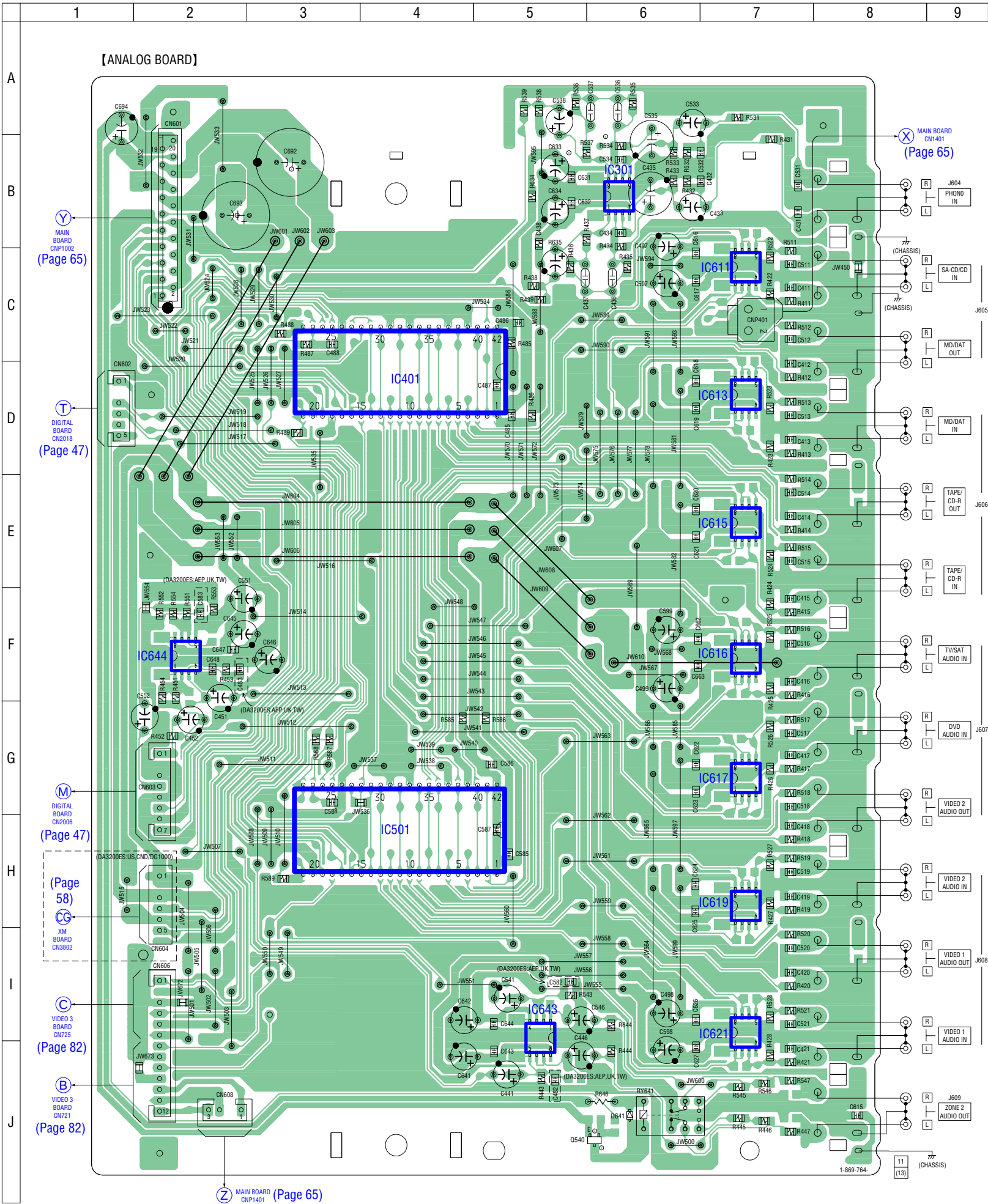
Ref. No.	Location
D801	C-9
D802	C-9
D803	A-8
IC801	B-9
IC802	B-8
IC861	B-4
IC881	C-3
Q831	C-6
Q832	B-6

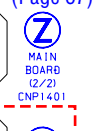


6-32. PRINTED WIRING BOARD – ANALOG Board – • See page 40 for Circuit Boards Location.  : Uses unleaded solder.

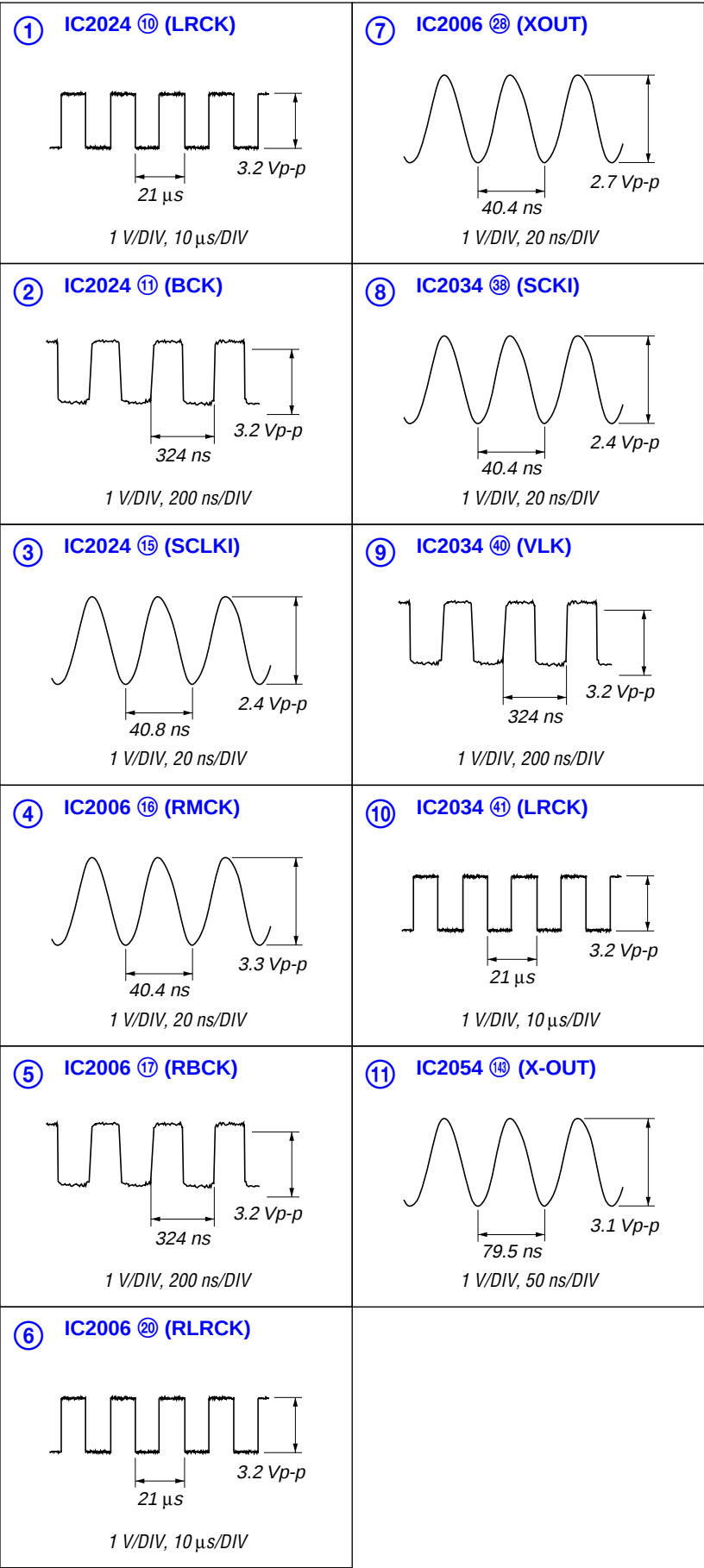
• Semiconductor Location

Ref. No.	Location
D641	J-6
IC301	B-6
IC401	D-4
IC501	H-4
IC611	C-7
IC613	D-7
IC615	E-7
IC616	F-7
IC617	G-7
IC619	H-7
IC621	I-7
IC643	I-5
IC644	F-2
Q540	J-6

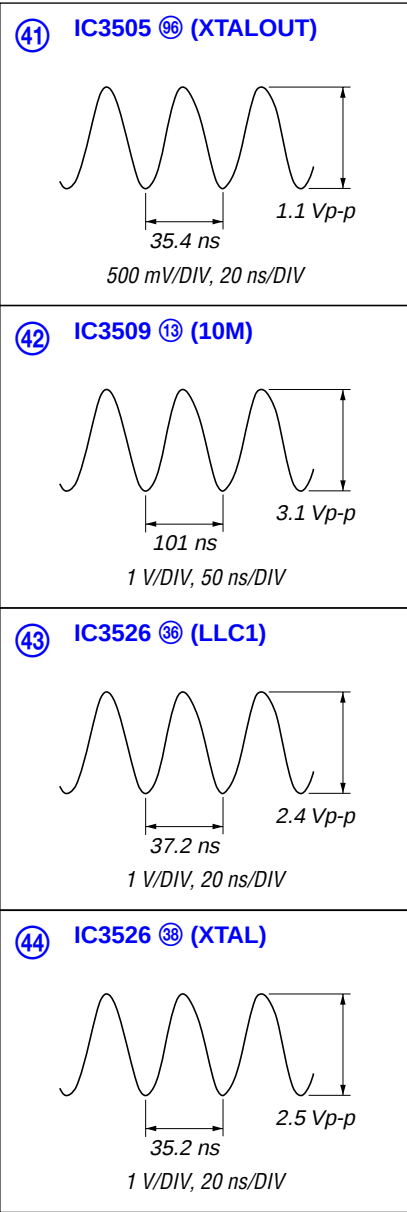




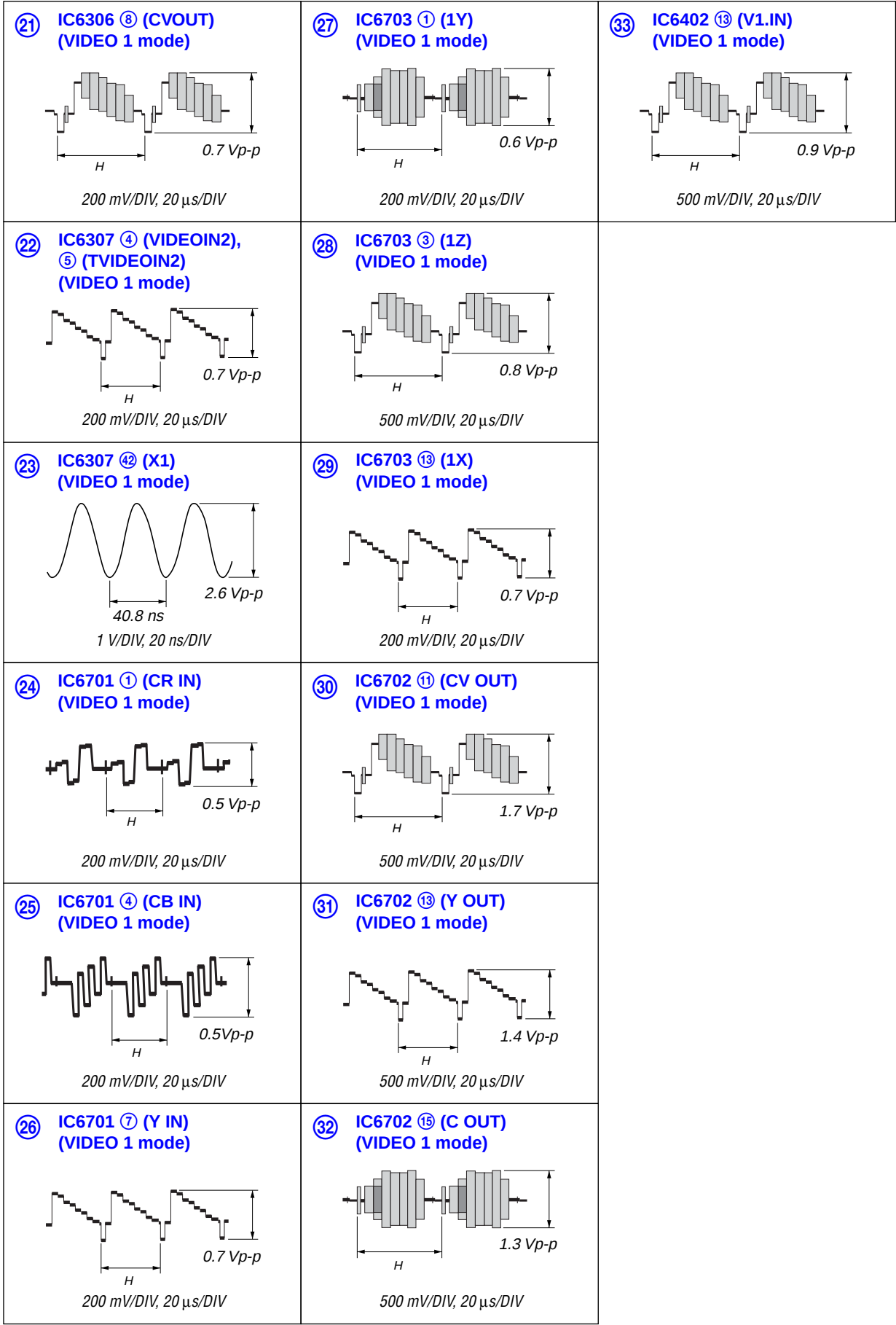
• Waveforms
– DIGITAL Board –



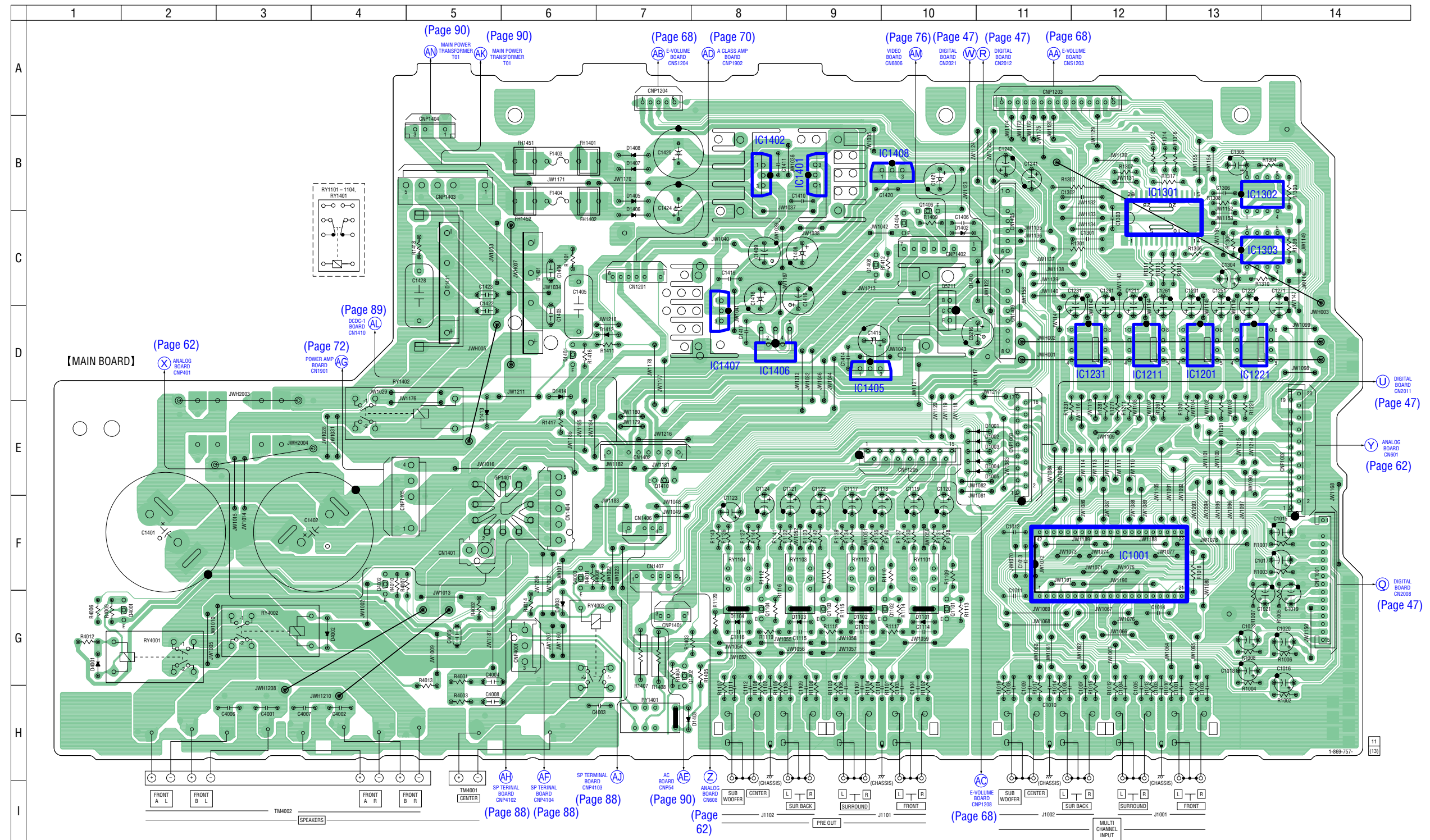
– HDIM Board –



– VIDEO Board –



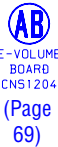
6-34. PRINTED WIRING BOARD – MAIN Board – • See page 40 for Circuit Boards Location. : Uses unleaded solder.



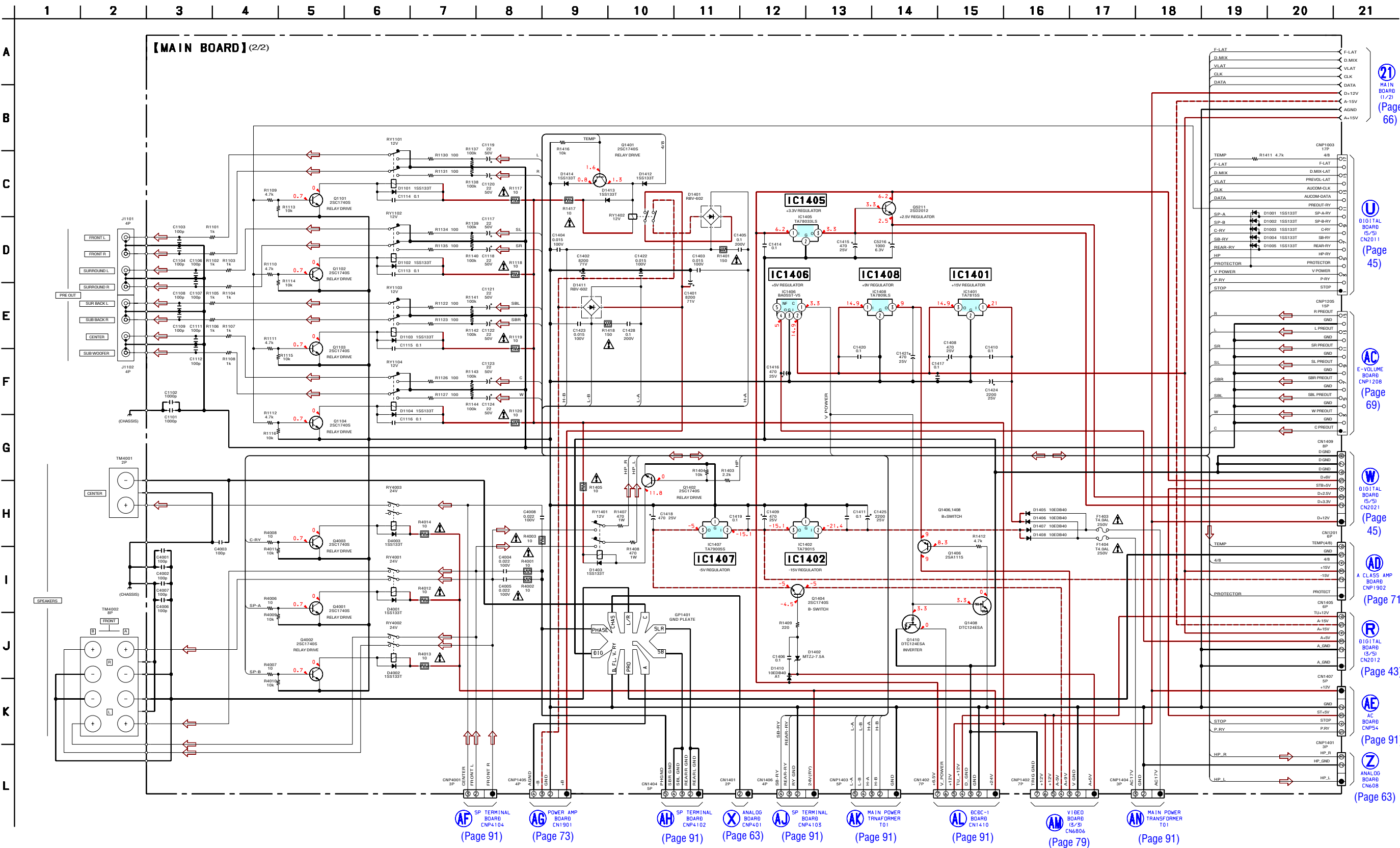
- Semiconductor Location

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D1001	E-11	D1407	B-7	IC1221	D-13	Q1103	G-9
D1002	E-11	D1408	B-7	IC1231	D-12	Q1104	G-8
D1003	E-11	D1410	C-11	IC1301	C-12	Q1401	D-6
D1004	E-11	D1411	C-5	IC1302	B-14	Q1402	G-7
D1005	E-11	D1412	D-7	IC1303	C-14	Q1404	C-10
D1101	G-10	D1413	E-5	IC1401	B-9	Q1406	C-10
D1102	G-9	D1414	D-6	IC1402	B-8	Q1408	C-9
D1103	G-9	D4001	G-1	IC1405	D-9	Q1410	E-7
D1104	G-8	D4002	G-4	IC1406	D-8	Q4001	G-2
D1401	C-6	D4003	G-6	IC1407	D-8	Q4002	F-4
D1402	C-10			IC1408	B-10	Q4003	F-6
D1403	H-7	IC1001	F-12			Q5211	D-10
D1405	B-7	IC1201	D-13	Q1101	G-10		
D1406	C-7	IC1211	D-12	Q1102	G-10		

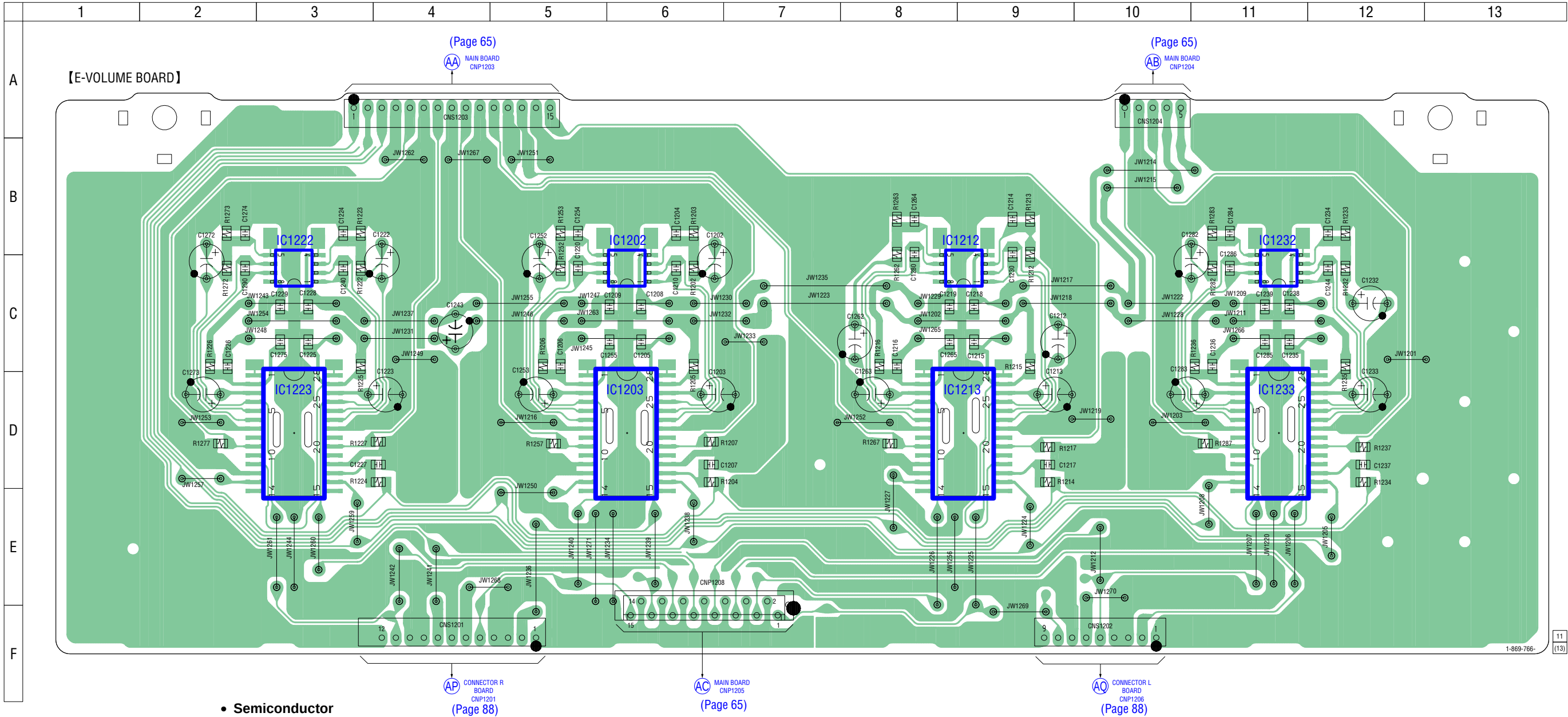
66 66



6-36. SCHEMATIC DIAGRAM – MAIN Board (2/2) –

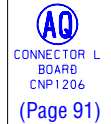


6-37. PRINTED WIRING BOARD – E-VOLUME Board – • See page 40 for Circuit Boards Location. : Uses unleaded solder.

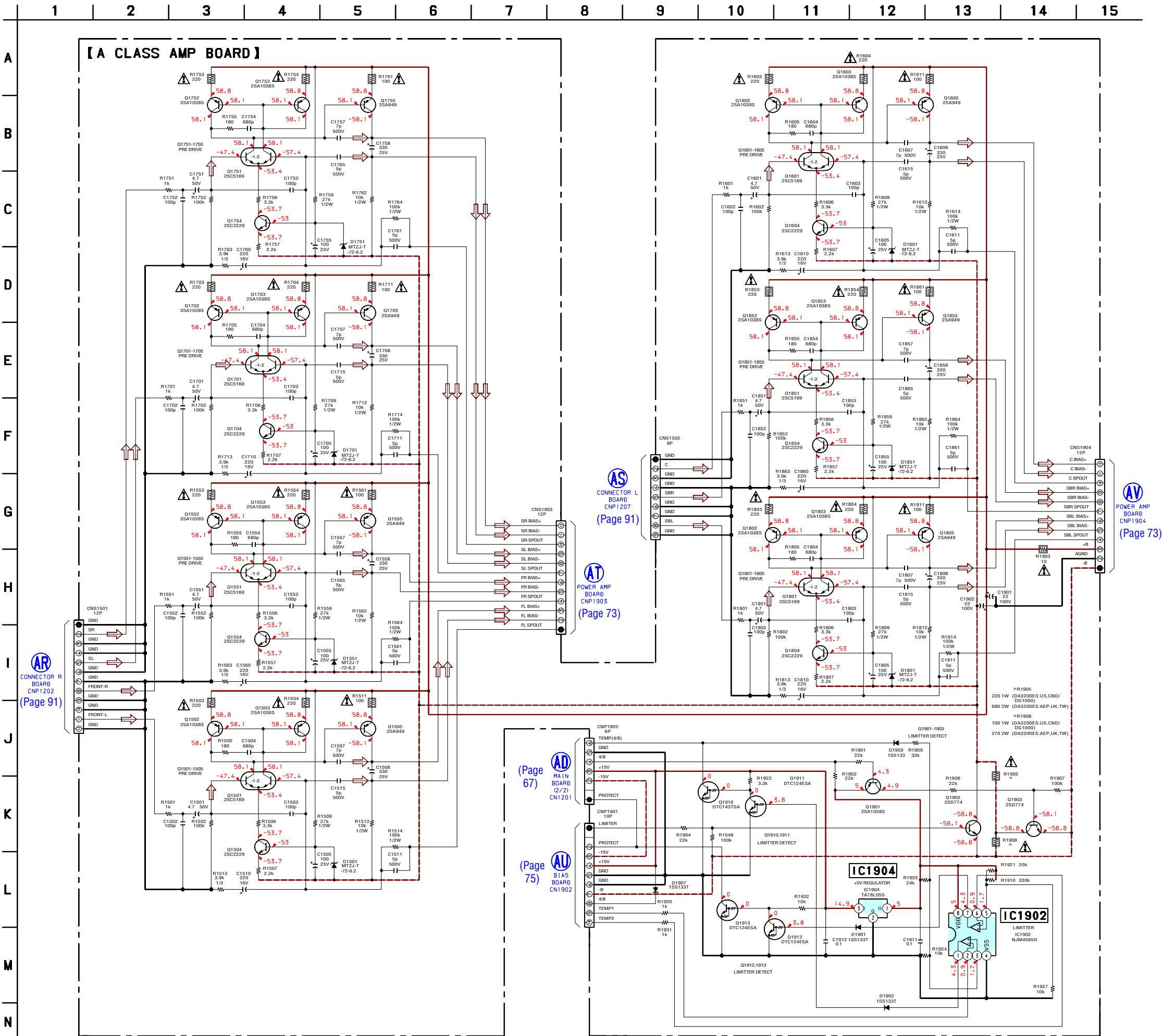


• Semiconductor Location

Ref. No.	Location
IC1202	C-6
IC1203	D-6
IC1212	C-9
IC1213	D-9
IC1222	C-3
IC1223	D-3
IC1232	C-11
IC1233	D-11



6-40. SCHEMATIC DIAGRAM – A CLASS AMP Board –

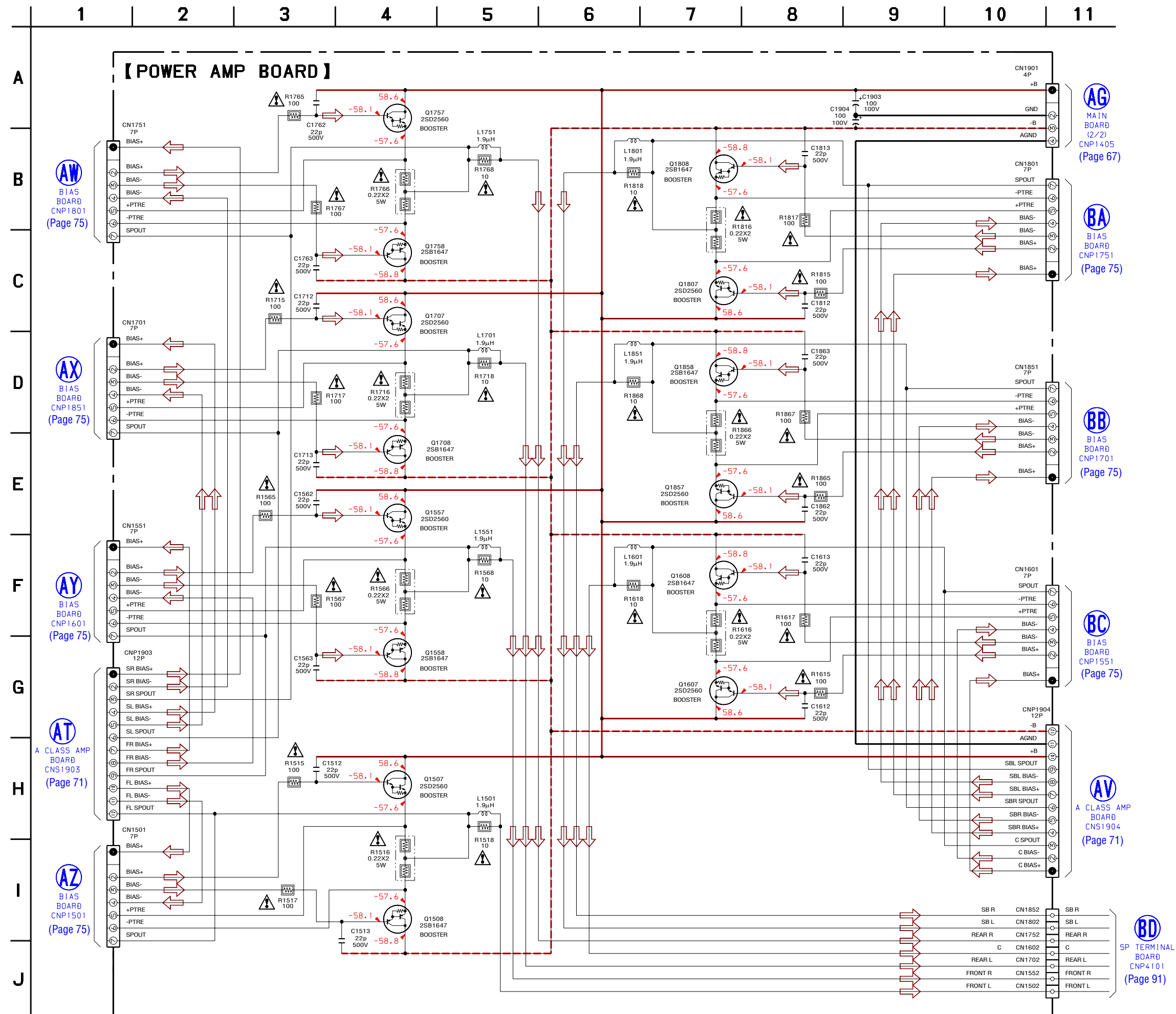


4 : Uses unleaded solder.

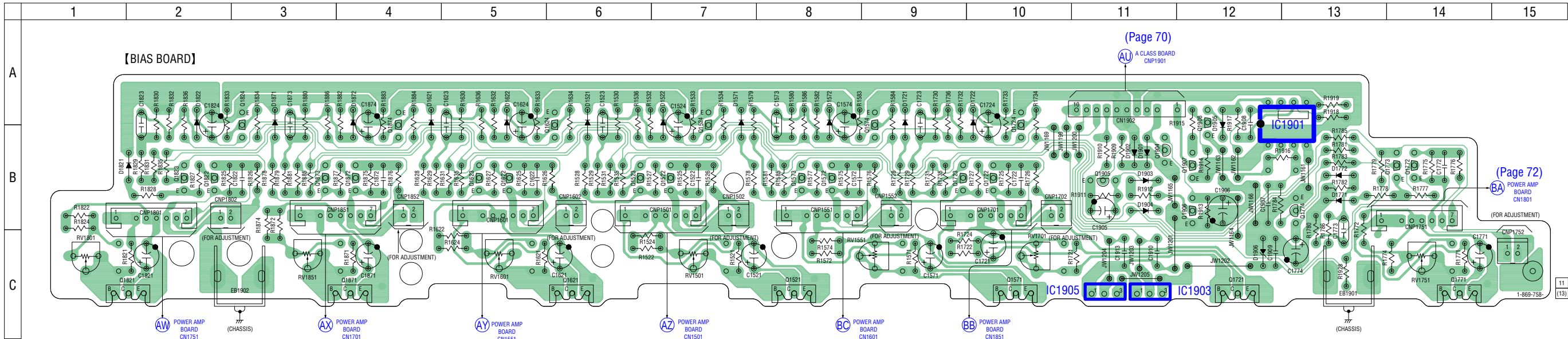


Ref. No.	Location
Q1507	D-7
Q1508	D-8
Q1557	D-5
Q1558	D-6
Q1607	D-9
Q1608	D-10
Q1707	D-3
Q1708	D-4
Q1757	D-2
Q1758	D-3
Q1807	D-13
Q1808	D-14
Q1857	D-11
Q1858	D-12

6-42. SCHEMATIC DIAGRAM – POWER AMP Board –



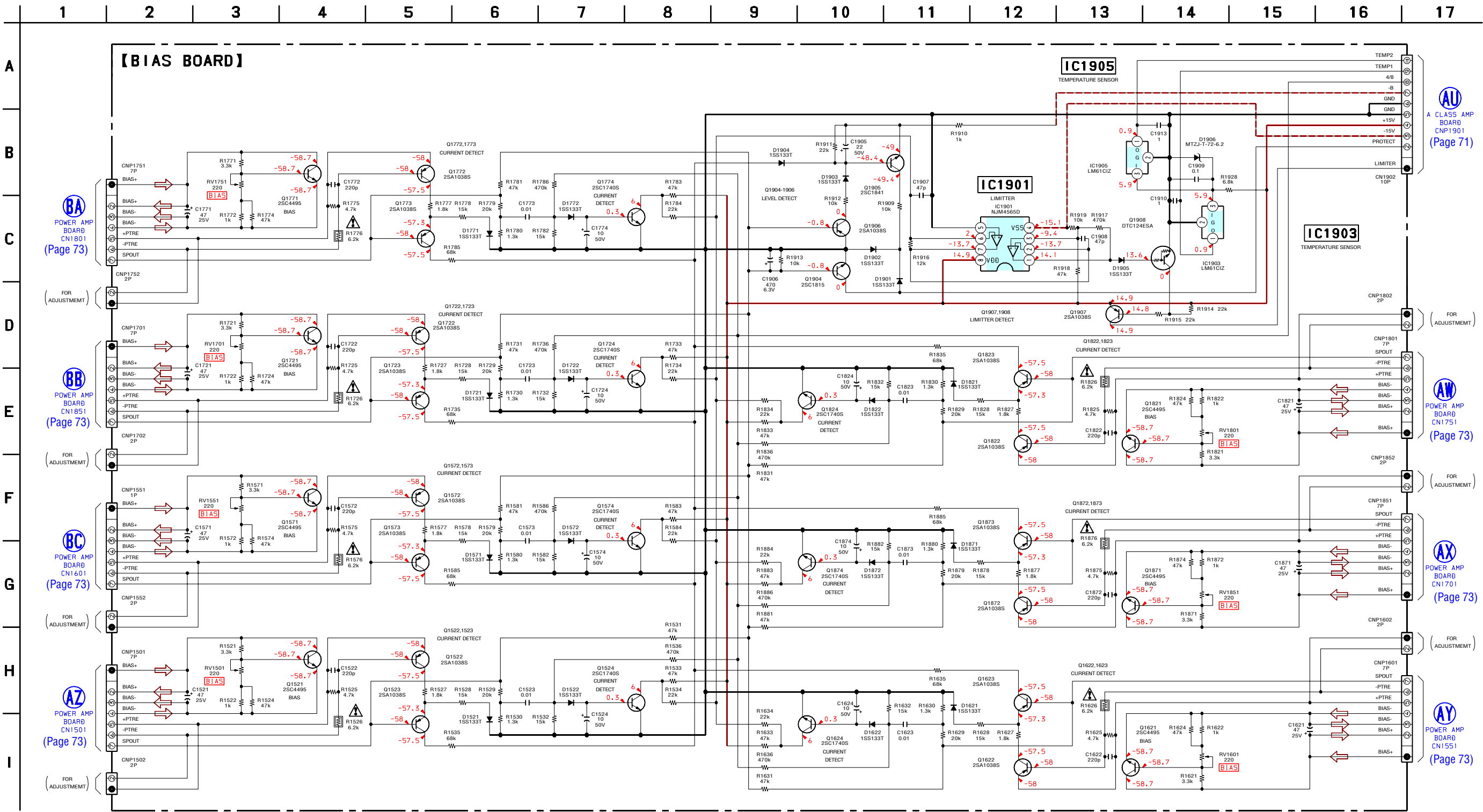
6-43. PRINTED WIRING BOARD – BIAS Board – • See page 40 for Circuit Boards Location.  : Uses unleaded solder.



• Semiconductor Location

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D1521	A-6	D1902	B-11	Q1572	B-8	Q1821	C-2
D1522	A-7	D1903	B-11	Q1573	B-8	Q1822	B-2
D1571	A-7	D1904	B-11	Q1574	B-9	Q1823	B-2
D1572	A-8	D1905	A-12	Q1621	C-6	Q1824	B-3
D1621	A-4	D1906	C-12	Q1622	B-5	Q1871	C-4
D1622	A-5			Q1623	B-5	Q1872	B-4
D1721	A-9	IC1901	A-13	Q1624	B-6	Q1873	B-3
D1722	A-10	IC1903	C-11	Q1721	C-12	Q1874	B-4
D1771	B-13	IC1905	C-11	Q1722	B-10	Q1904	B-11
D1772	B-13			Q1723	B-9	Q1905	B-11
D1821	B-2	Q1521	C-8	Q1724	B-10	Q1906	B-12
D1822	A-2	Q1522	B-7	Q1771	C-14	Q1907	B-12
D1871	A-3	Q1523	B-6	Q1772	B-14	Q1908	B-12
D1872	A-4	Q1524	B-7	Q1773	B-14		
D1901	B-11	Q1571	C-10	Q1774	B-13		

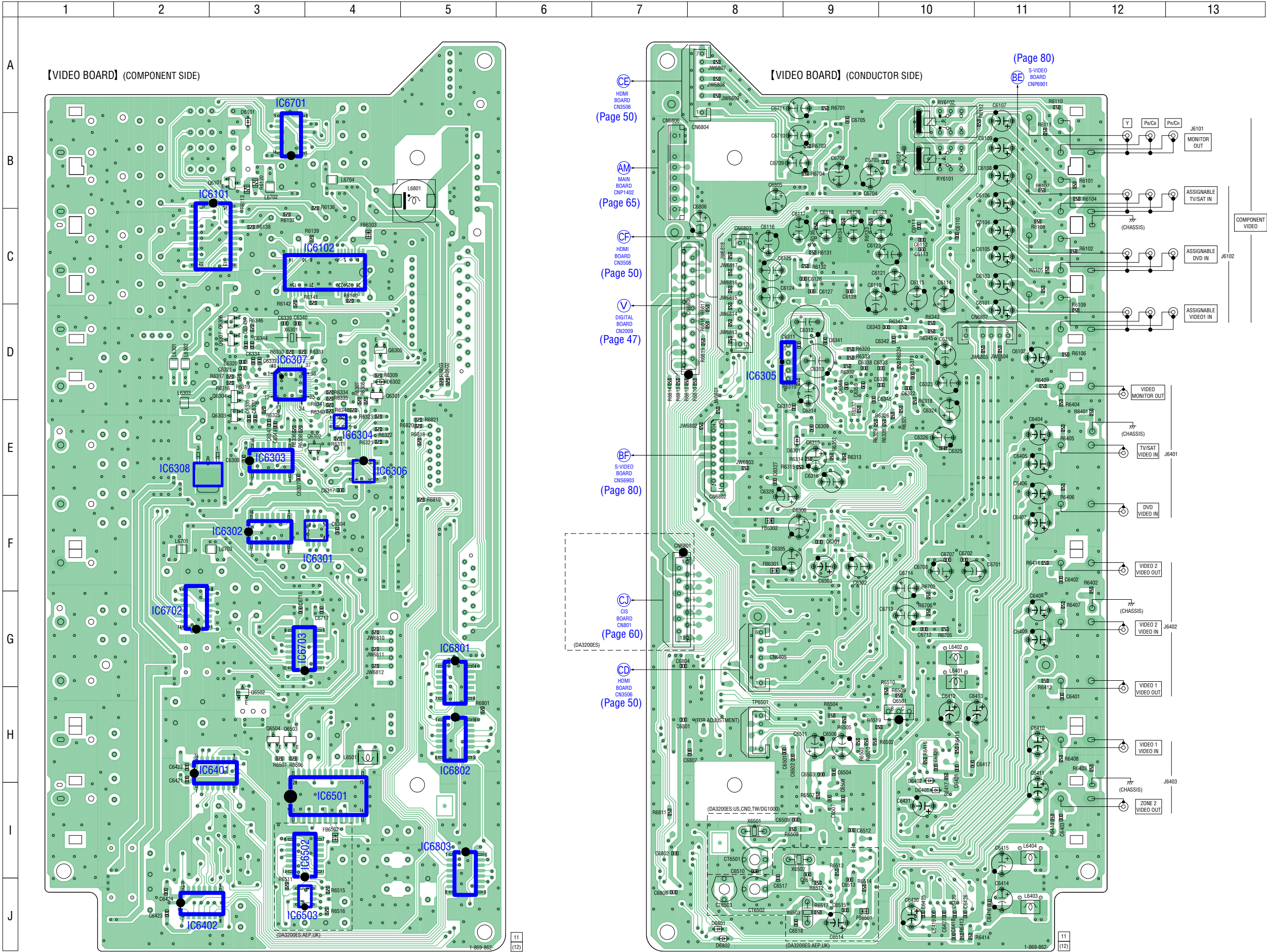
6-44. SCHEMATIC DIAGRAM – BIAS Board –



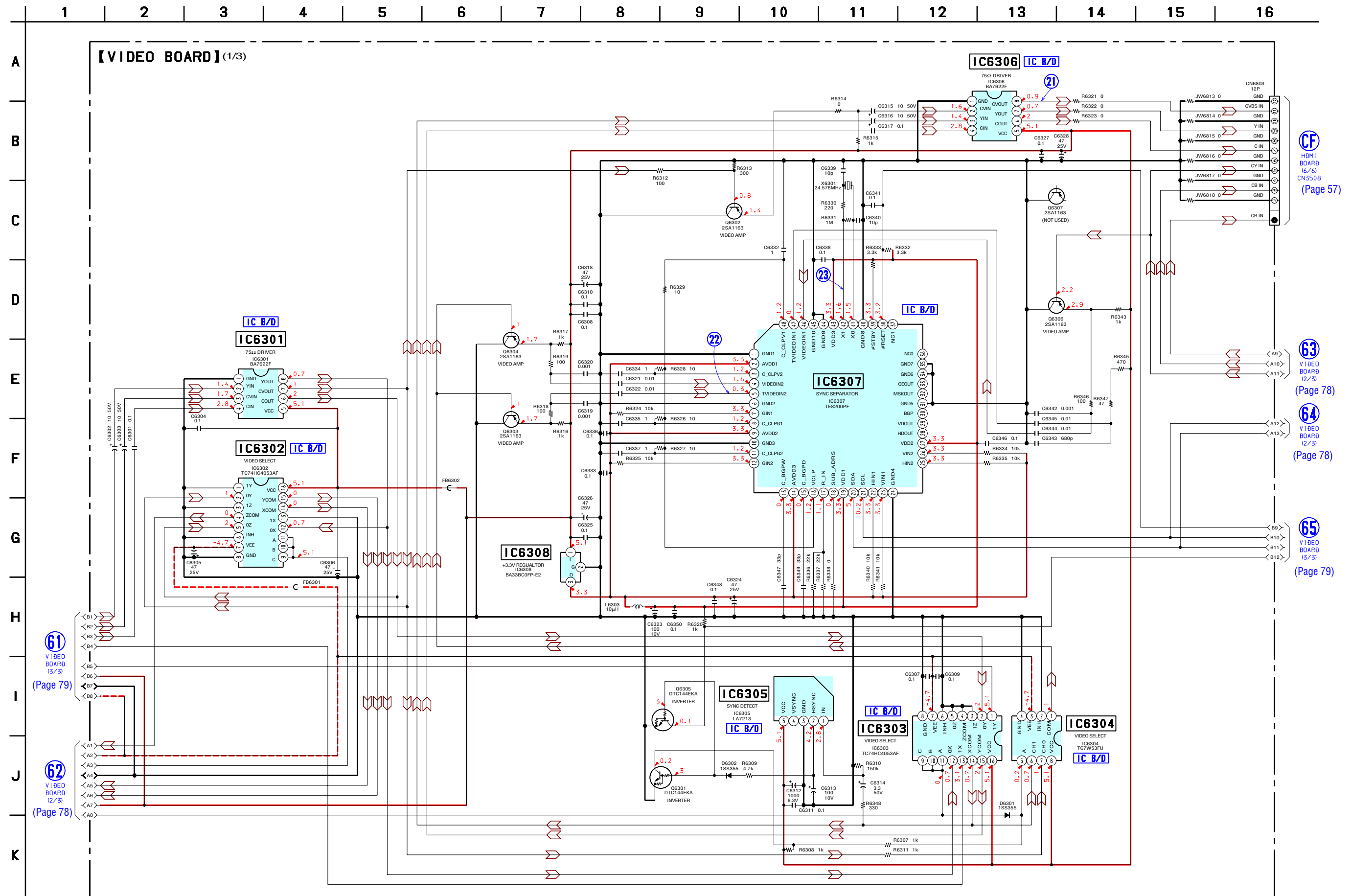
6-45. PRINTED WIRING BOARD – VIDEO Board – • See page 40 for Circuit Boards Location. : Uses unleaded solder.

• Semiconductor Location

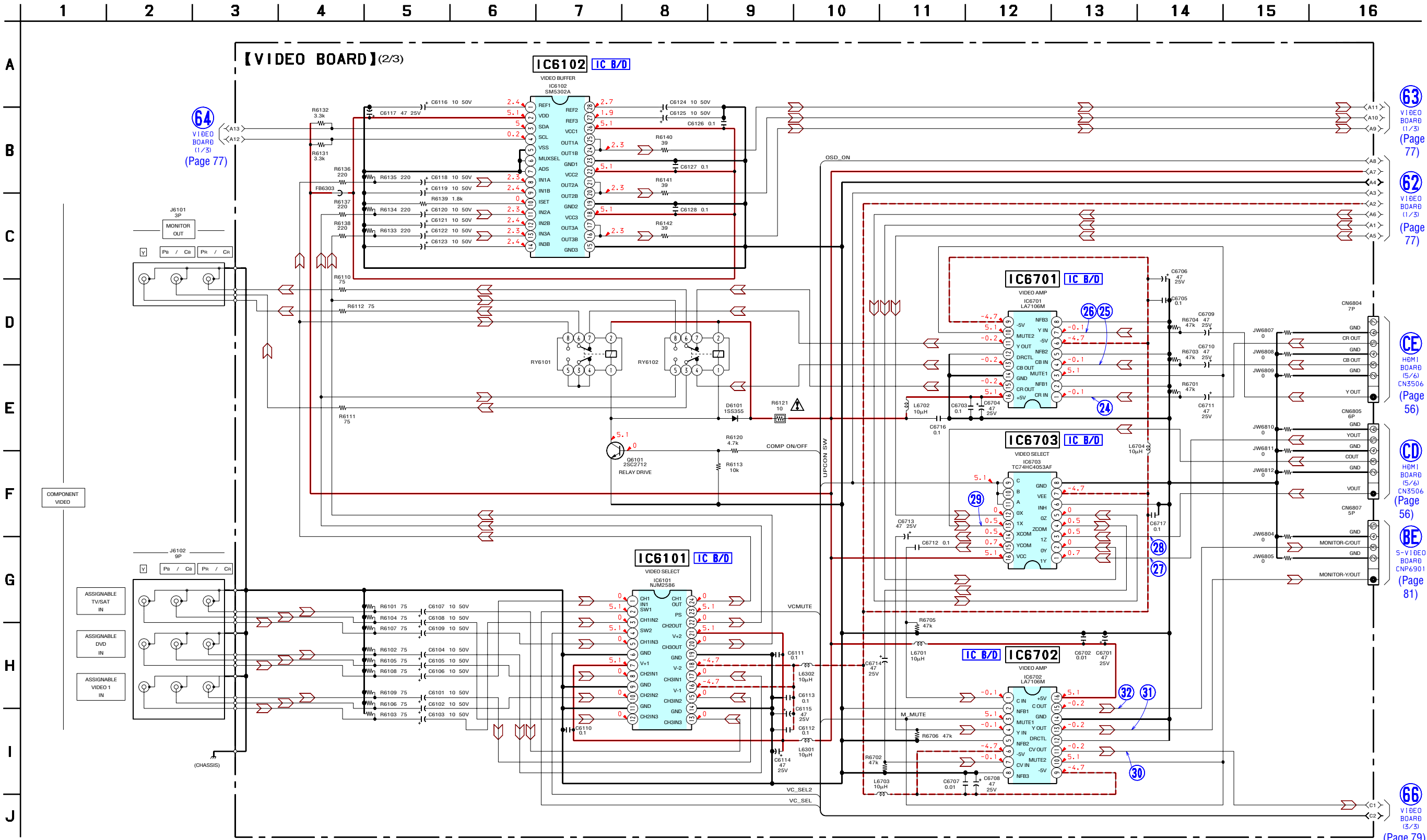
Ref. No.	Location
D6101	B-3
D6301	E-9
D6302	D-4
D6401	I-10
D6402	H-10
D6801	J-8
D6802	J-8
C6101	C-3
IC6102	C-4
IC6301	F-4
IC6302	F-3
IC6303	E-3
IC6304	E-4
IC6305	D-9
IC6306	E-4
IC6307	D-3
IC6308	E-2
IC6401	H-3
IC6402	J-2
IC6501	I-4
IC6502	I-4
IC6503	J-3
IC6701	B-3
IC6702	G-2
IC6703	G-3
IC6801	G-5
IC6802	H-5
IC6803	I-5
Q6101	B-3
Q6301	D-4
Q6302	E-4
Q6303	E-3
Q6304	D-3
Q6305	D-4
Q6306	D-3
Q6307	D-3
Q6501	H-10
Q6502	H-3
Q6503	H-3
Q6504	H-3



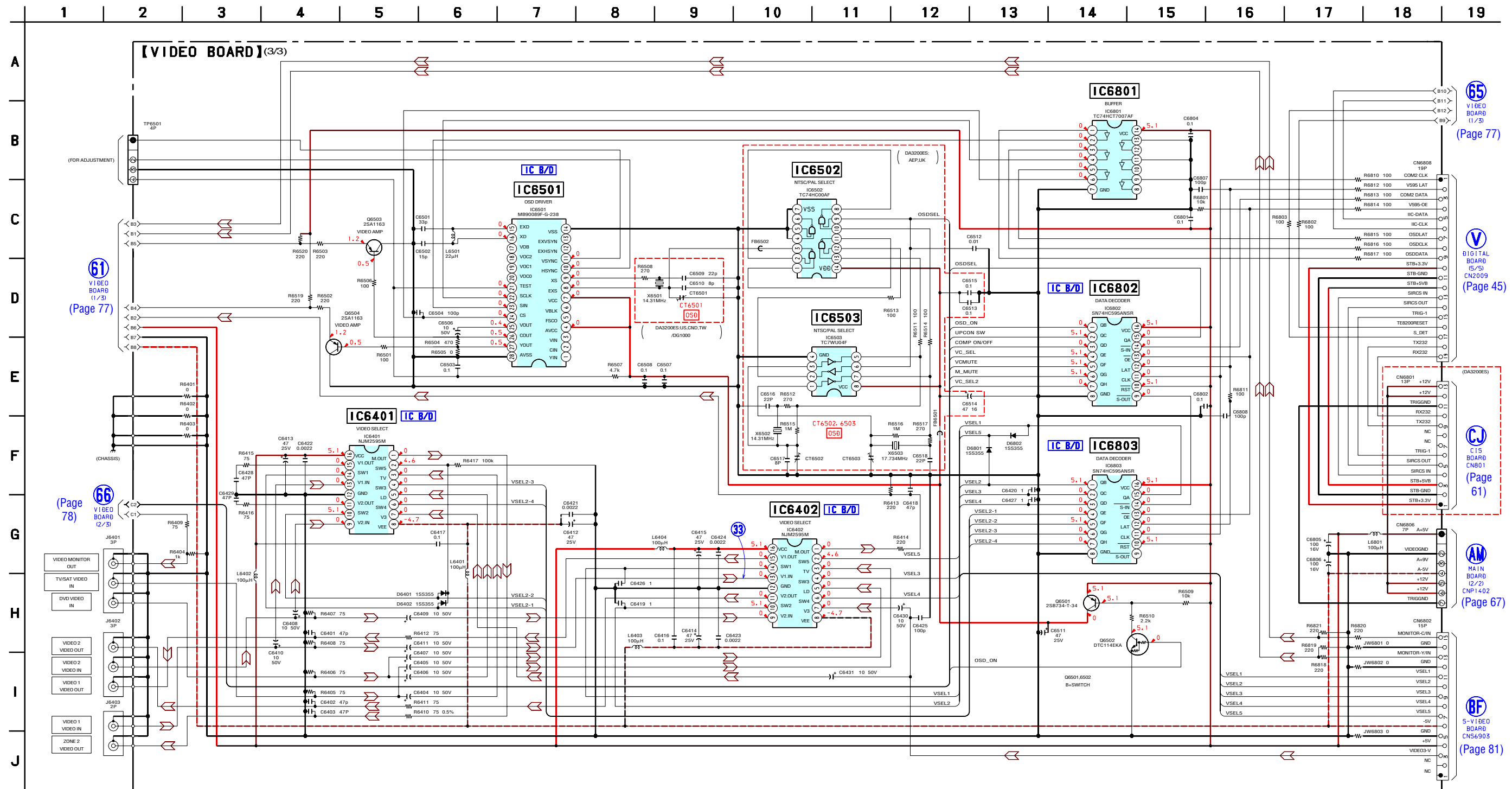
6-46. SCHEMATIC DIAGRAM – VIDEO Board (1/3) – • See page 64 for Waveforms. • See page 92 for IC Block Diagrams.



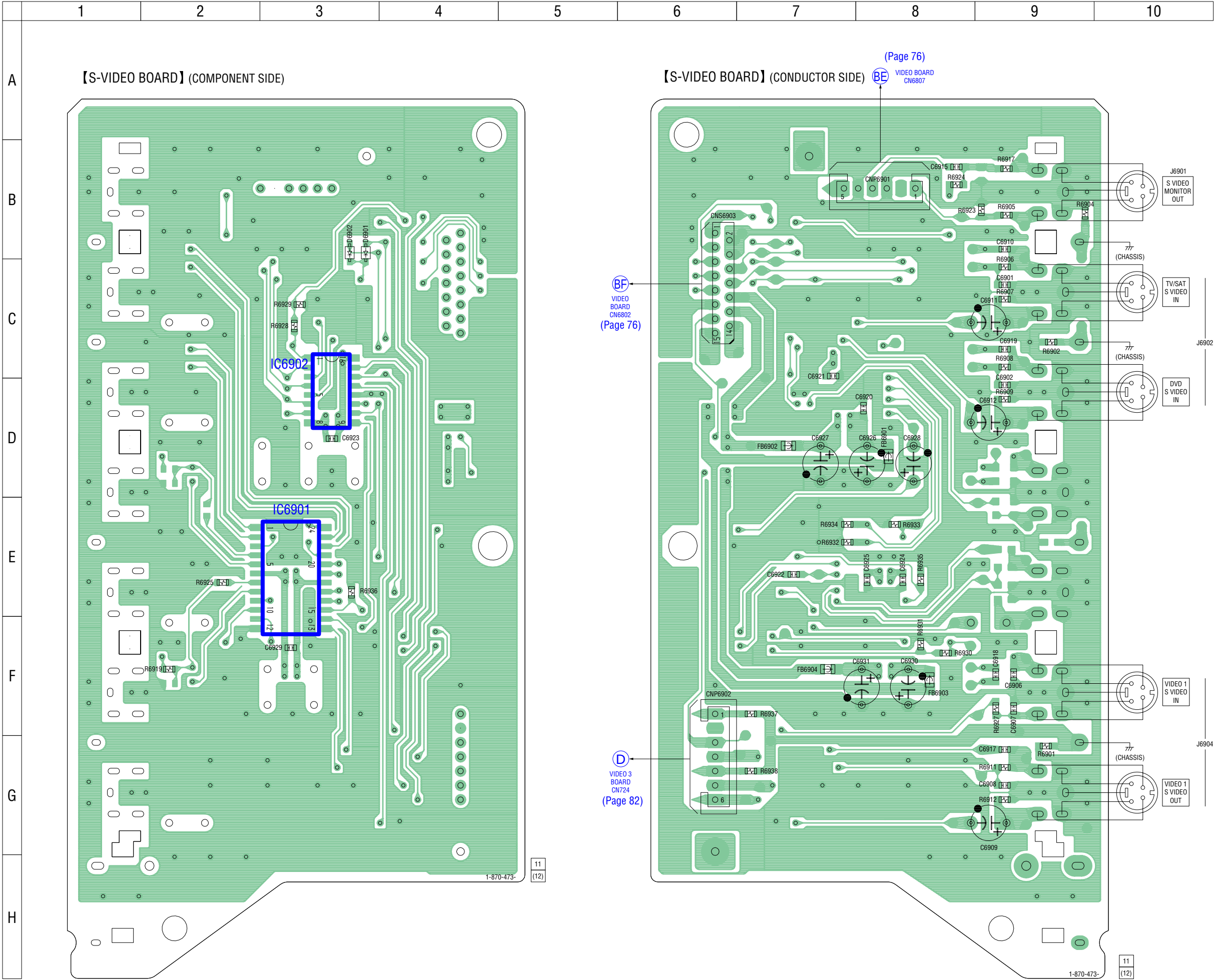
6-47. SCHEMATIC DIAGRAM – VIDEO Board (2/3) – • See page 64 for Waveforms. • See page 92 for IC Block Diagrams.



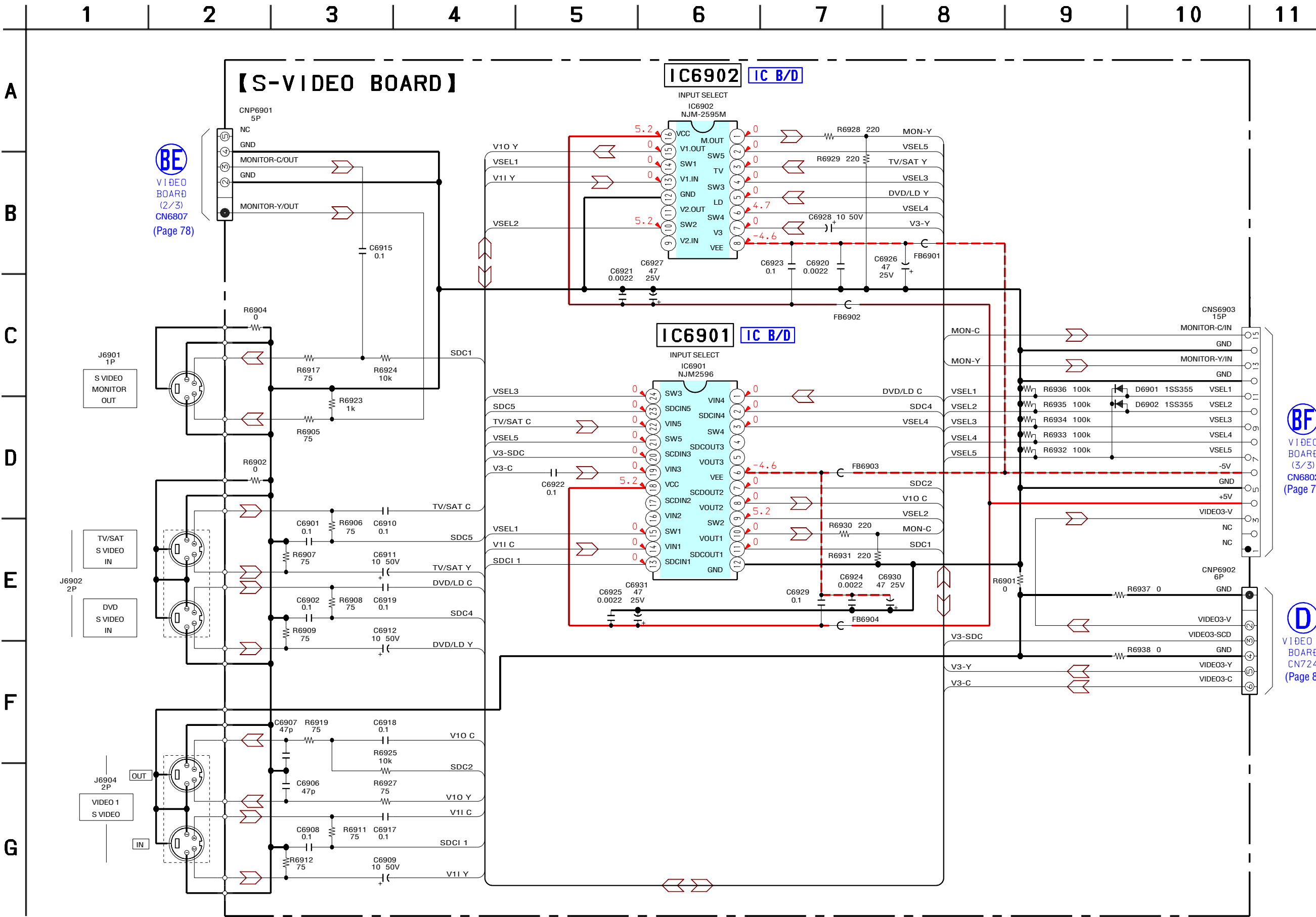
6-48. SCHEMATIC DIAGRAM – VIDEO Board (3/3) – • See page 92 for IC Block Diagrams.



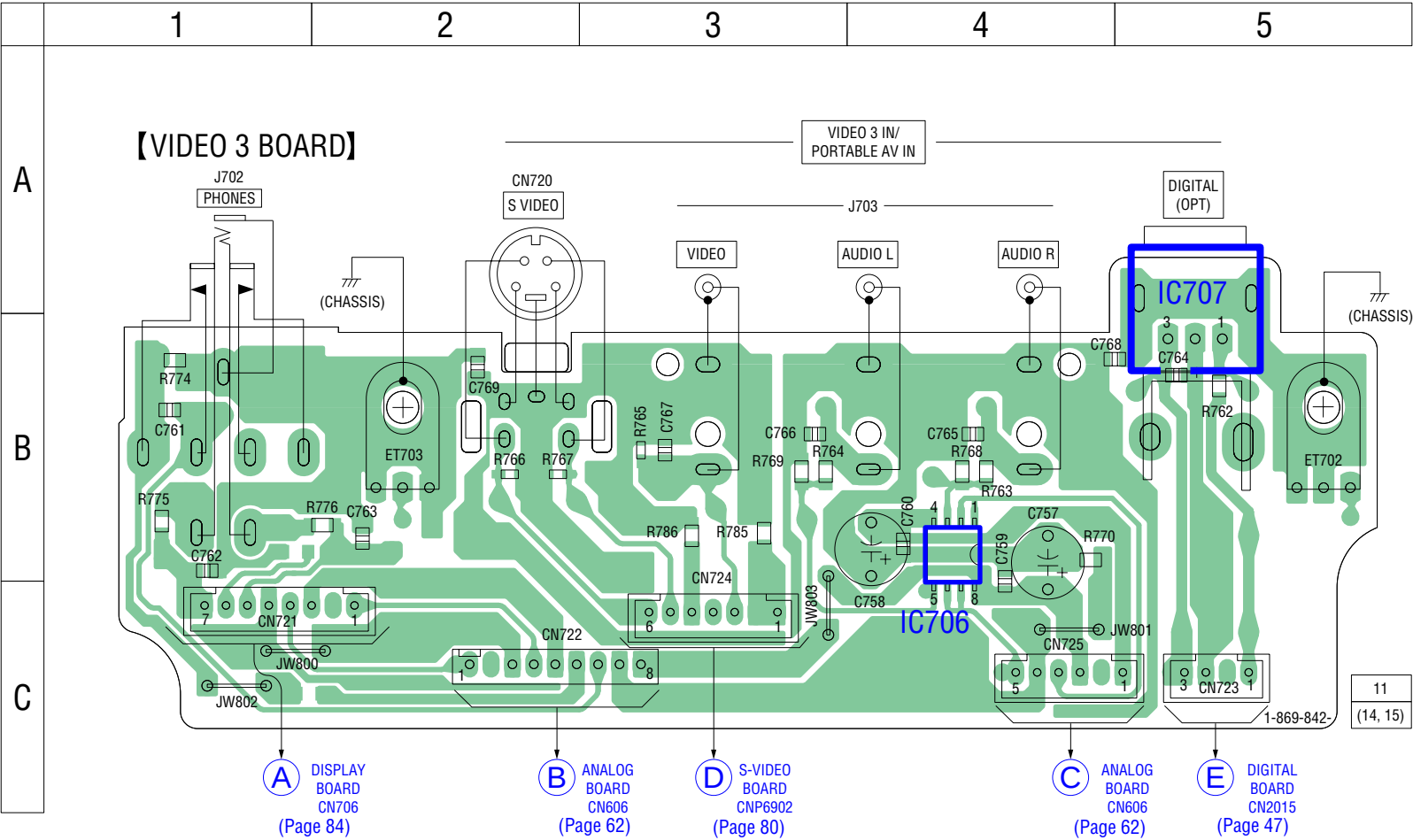
6-49. PRINTED WIRING BOARD – S-VIDEO Board – • See page 40 for Circuit Boards Location.  : Uses unleaded solder.



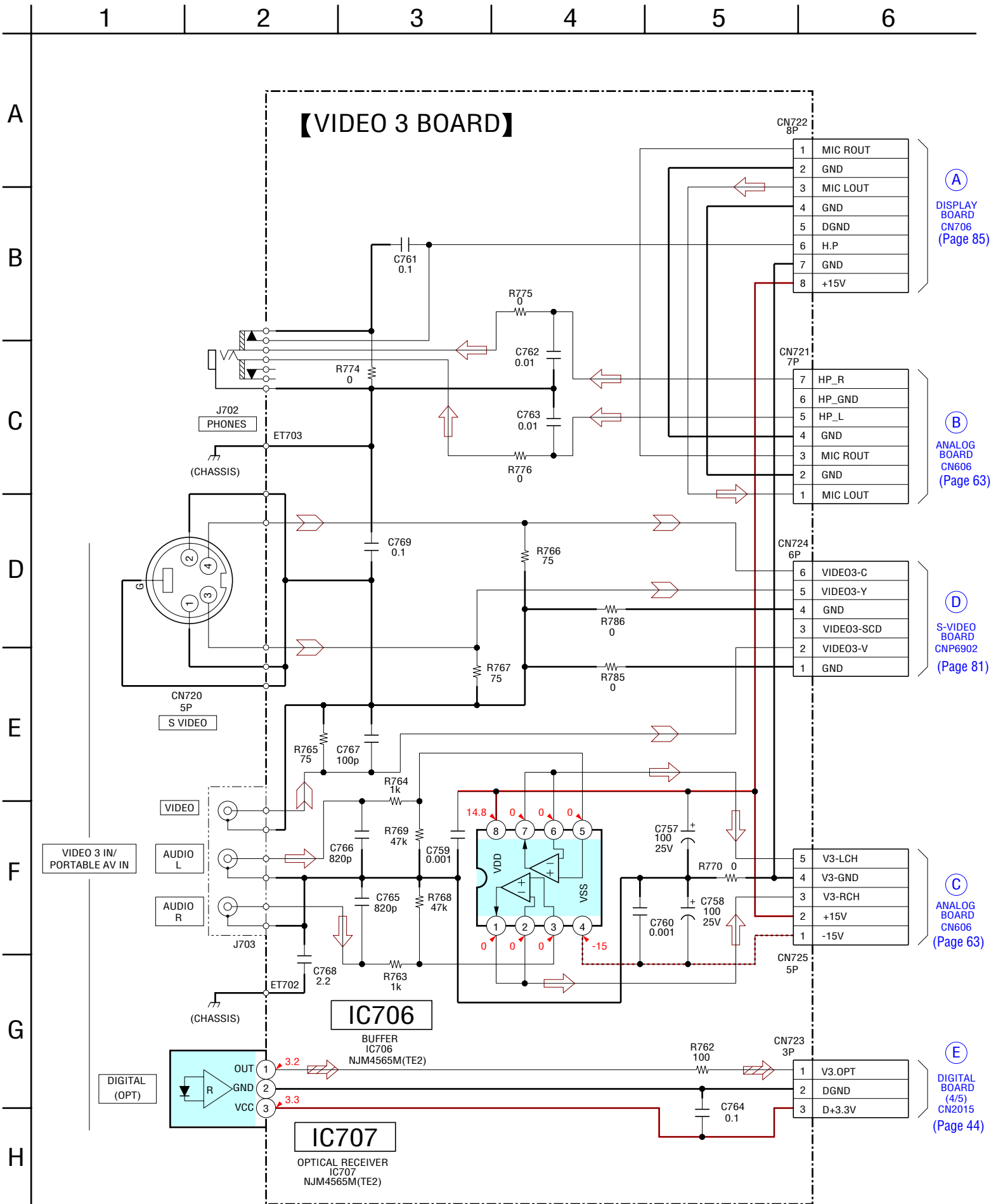
6-50. SCHEMATIC DIAGRAM – S-VIDEO Board –



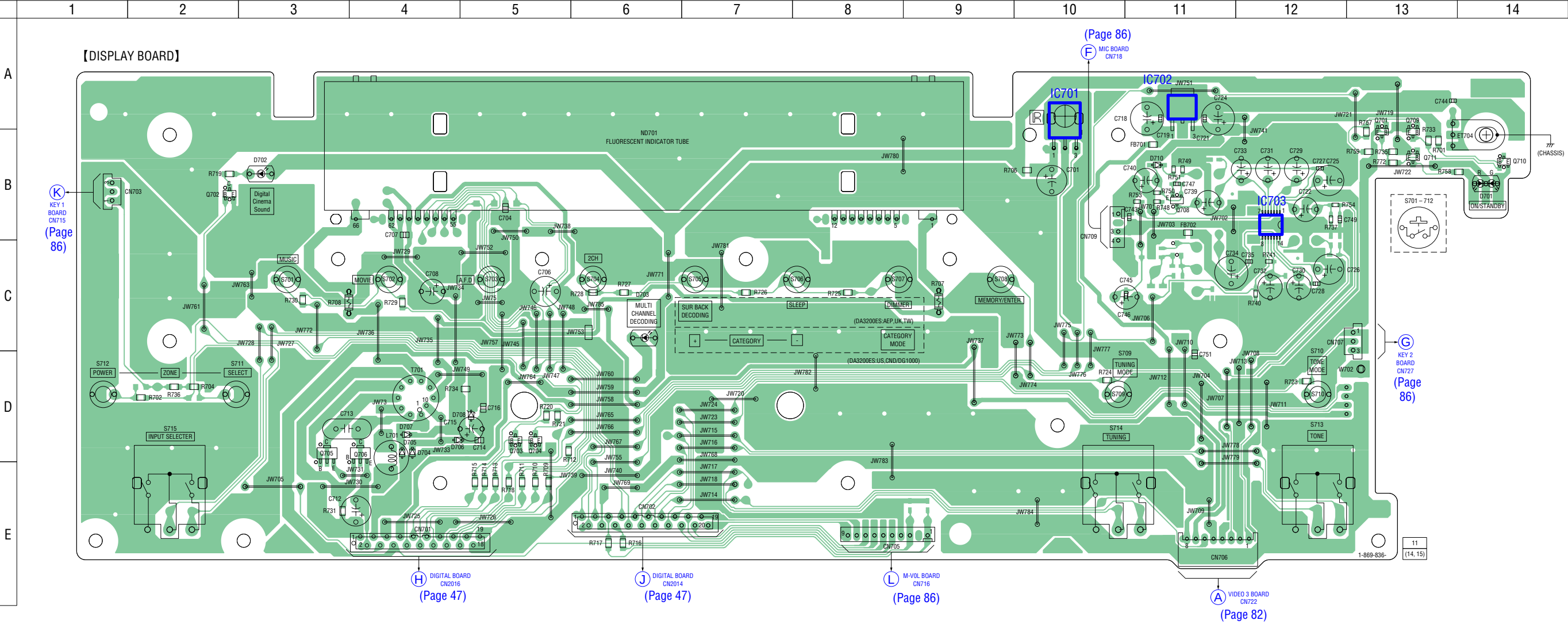
82 82



6-52. SCHEMATIC DIAGRAM – VIDEO 3 Board –



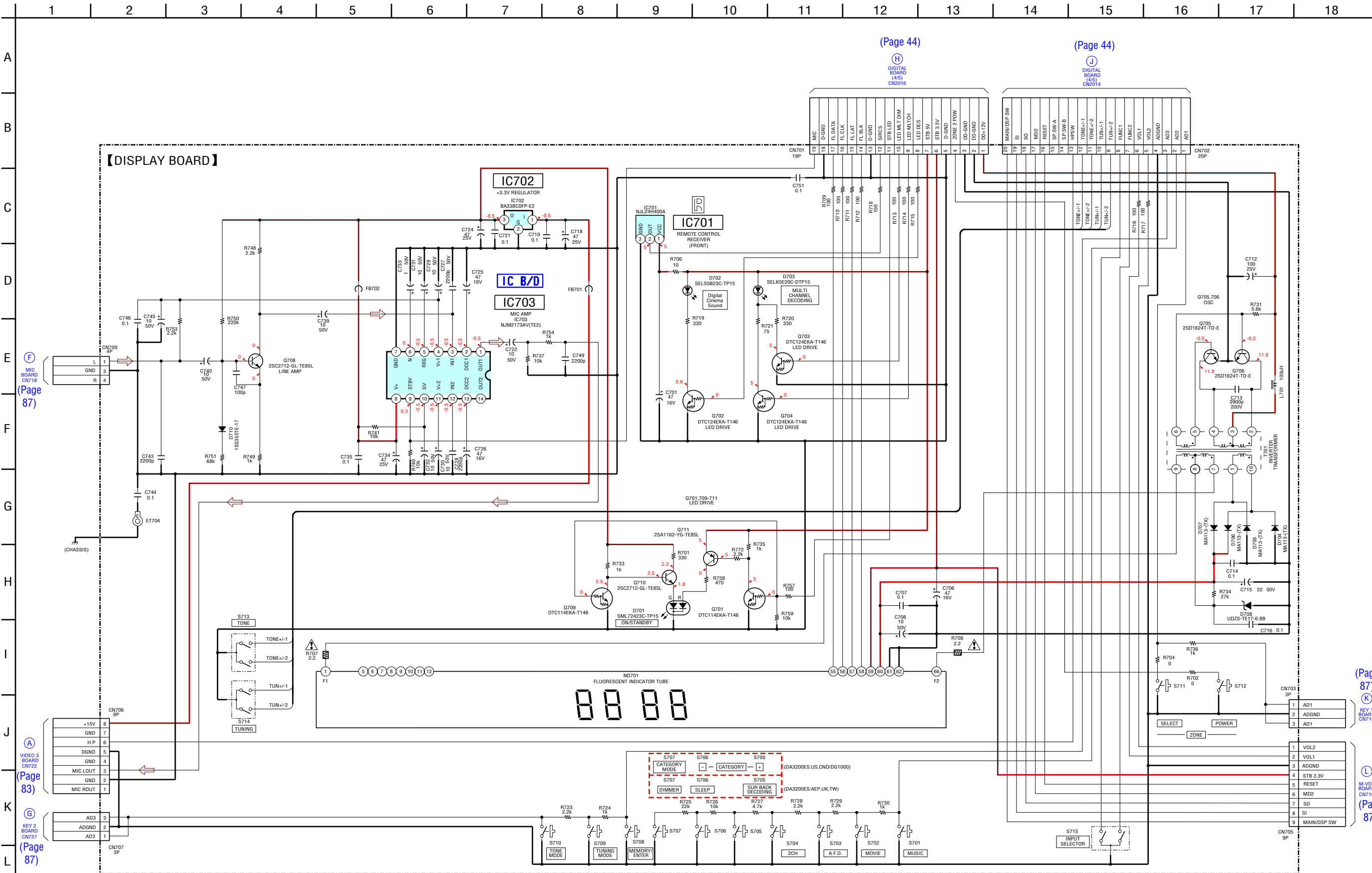
6-53. PRINTED WIRING BOARD – DISPLAY Board – • See page 40 for Circuit Boards Location.  : Uses unleaded solder.



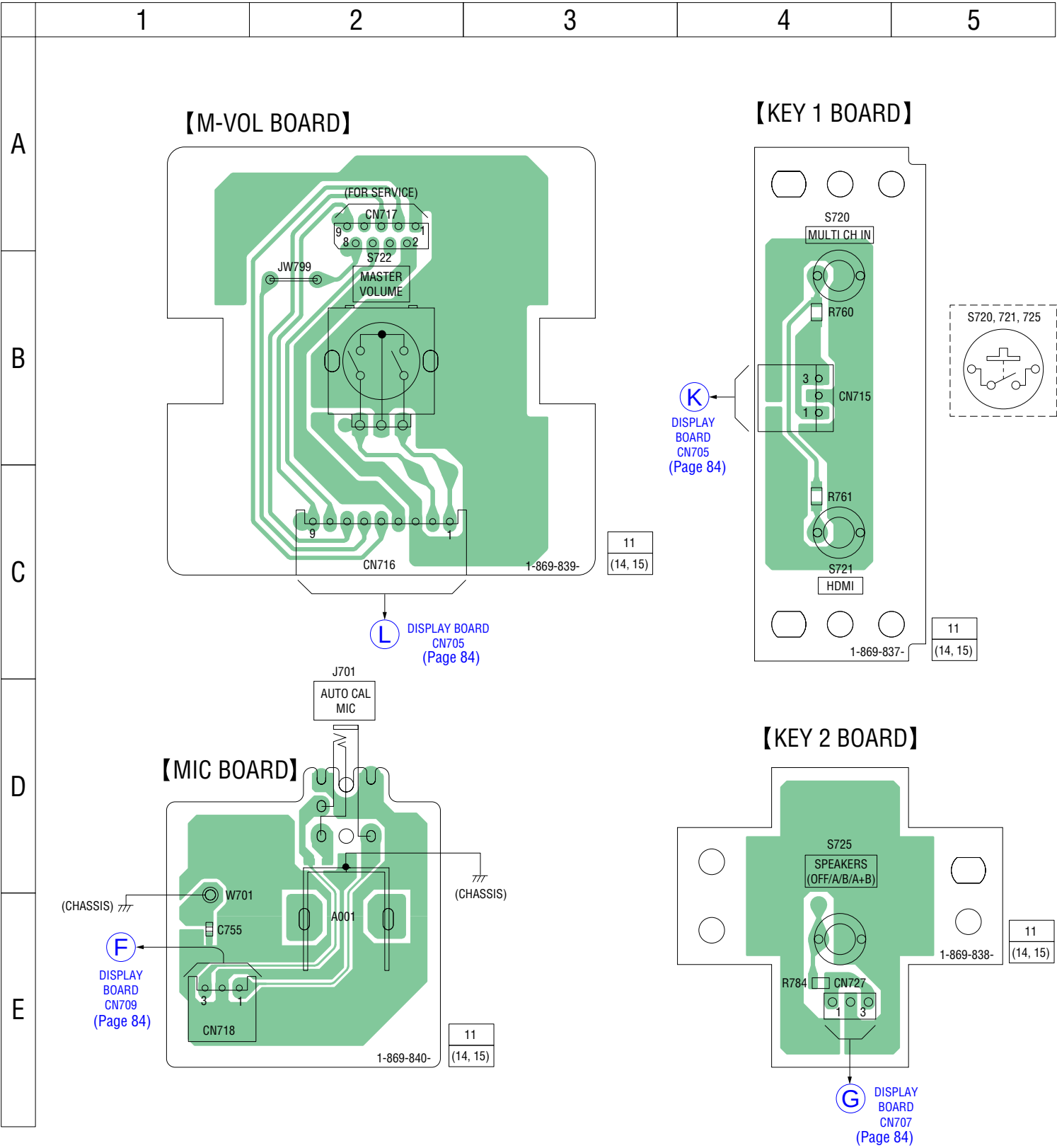
• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D701	B-14	IC703	B-12
D702	B-3		
D703	C-6	Q701	B-13
D704	E-4	Q702	B-2
D705	E-4	Q703	D-5
D706	D-4	Q704	D-5
D707	D-4	Q705	D-3
D708	D-5	Q706	D-4
D709	C-11	Q708	B-11
D710	B-11	Q709	B-13
		Q710	B-14
IC701	A-10	Q711	B-13
IC702	A-11		

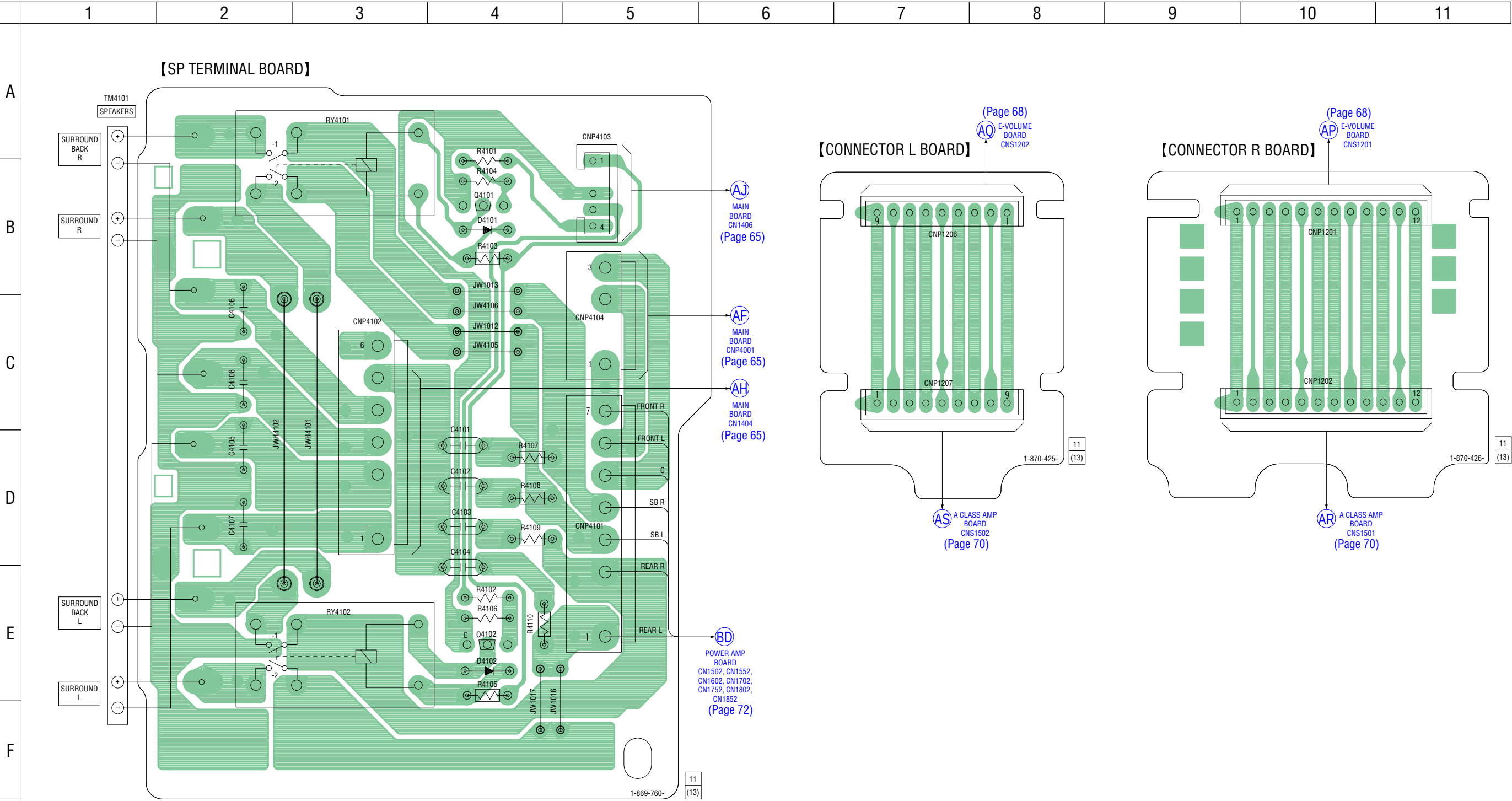
6-54. SCHEMATIC DIAGRAM – DISPLAY Board – • See page 92 for IC Block Diagrams.



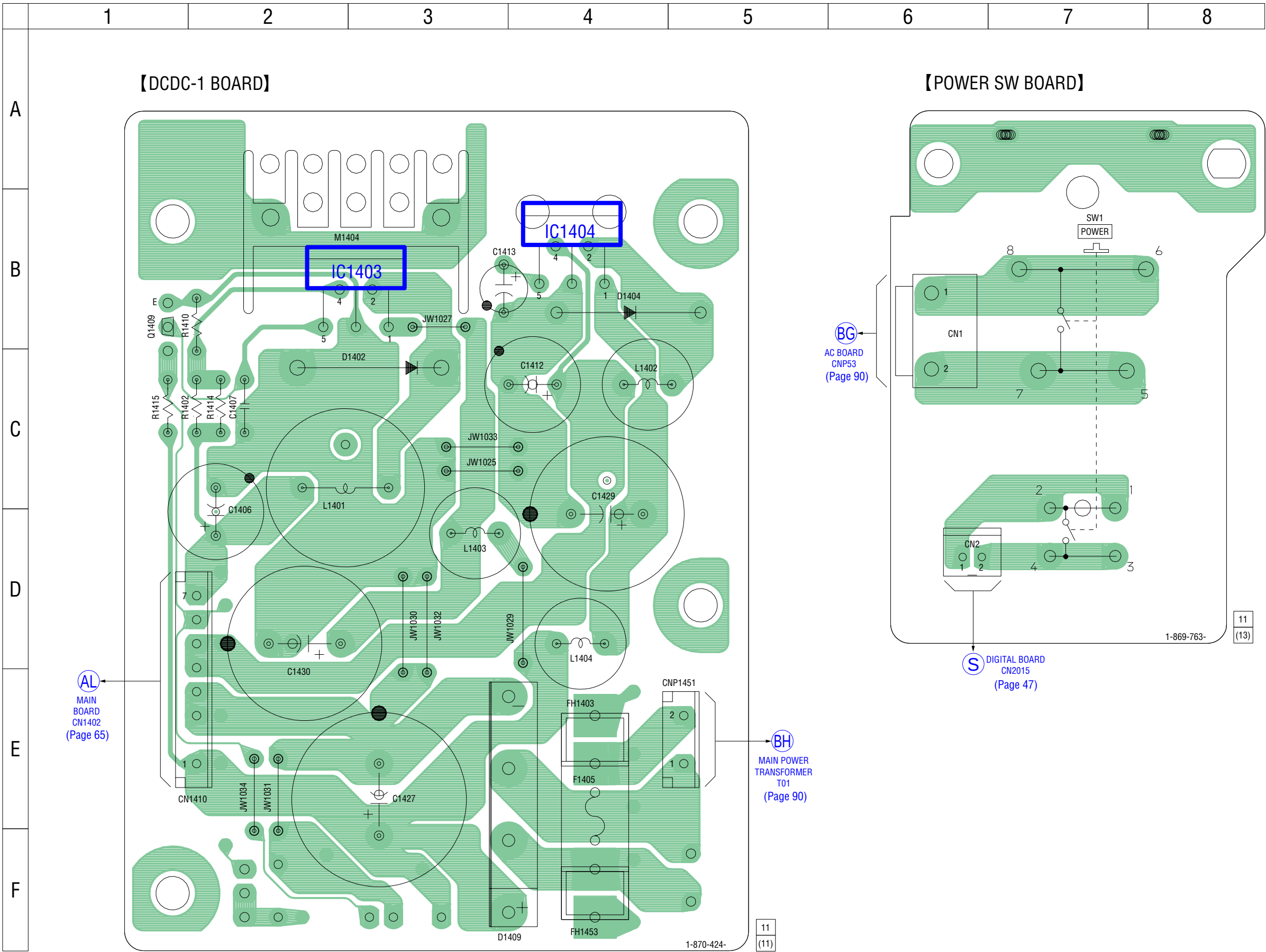
6-55. PRINTED WIRING BOARDS – KEY Section – • See page 40 for Circuit Boards Location. : Uses unleaded solder.



6-57. PRINTED WIRING BOARDS – SPEAKER Section – • See page 40 for Circuit Boards Location. : Uses unleaded solder.



6-58. PRINTED WIRING BOARDS – DC Section – • See page 40 for Circuit Boards Location. : Uses unleaded solder.



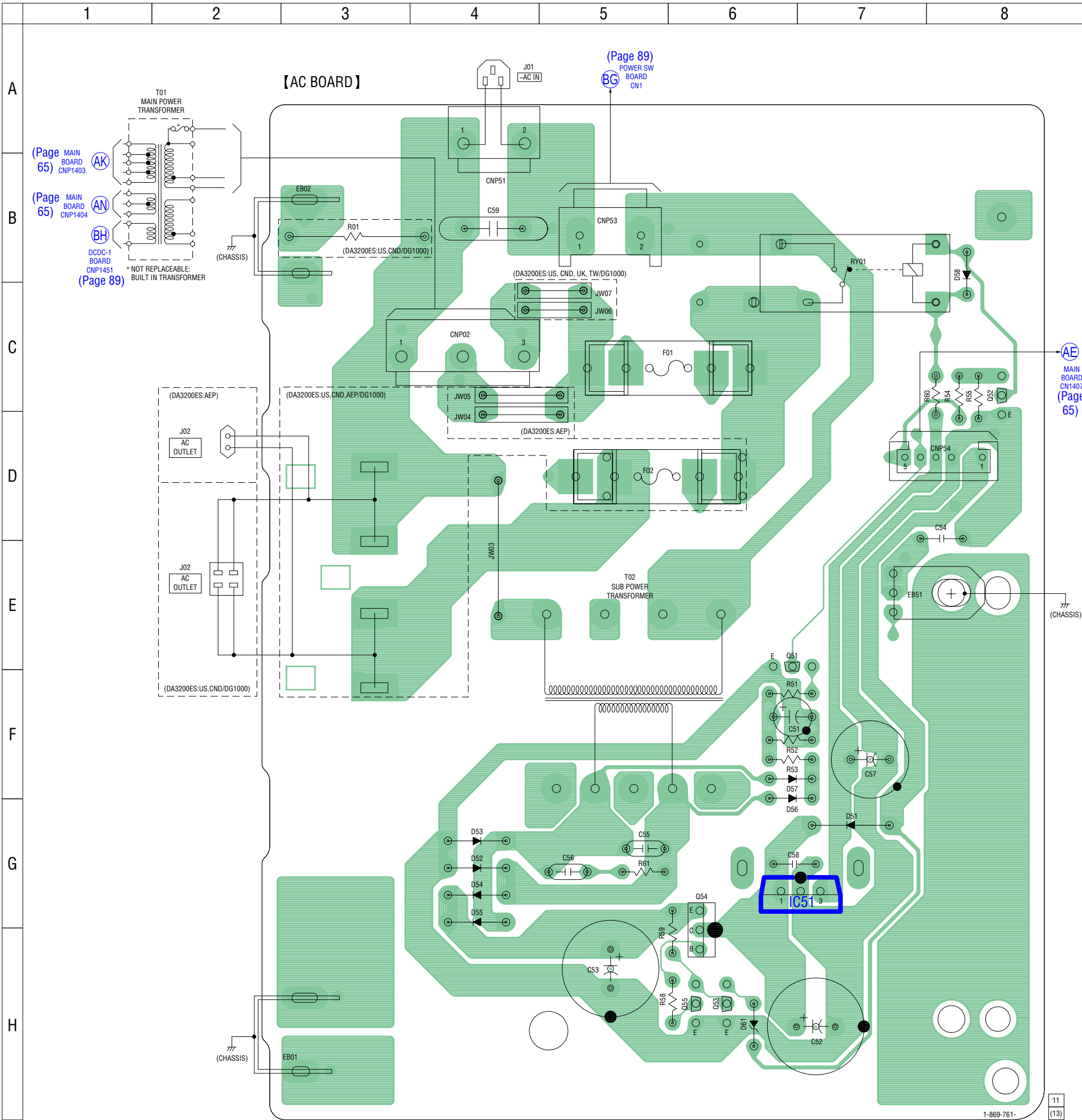
• Semiconductor Location

Ref. No.	Location
D1402	C-3
D1404	B-4
D1409	E-4
IC1403	B-3
IC1404	B-4
Q1409	B-1

6-59. PRINTED WIRING BOARD – AC Board – • See page 40 for Circuit Boards Location.  : Uses unleaded solder.

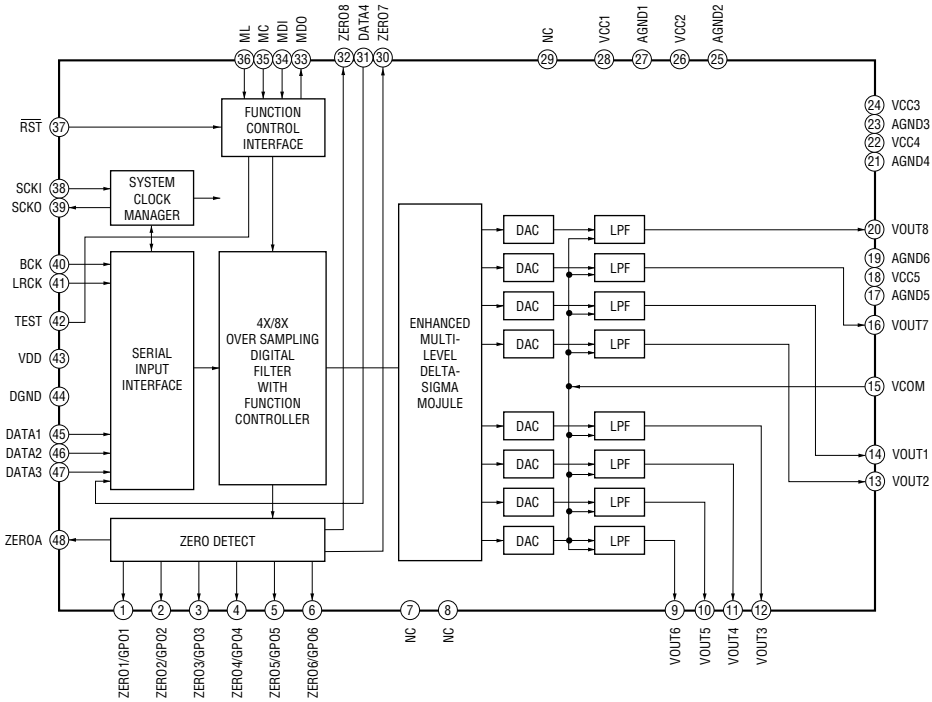
• Semiconductor Location

Ref. No.	Location
D51	G-7
D52	G-4
D53	G-4
D54	G-4
D55	G-4
D56	F-6
D57	F-6
D58	B-8
D61	H-6
IC51	G-7
Q51	E-6
Q52	C-8
Q53	H-6
Q54	H-6
Q55	H-6



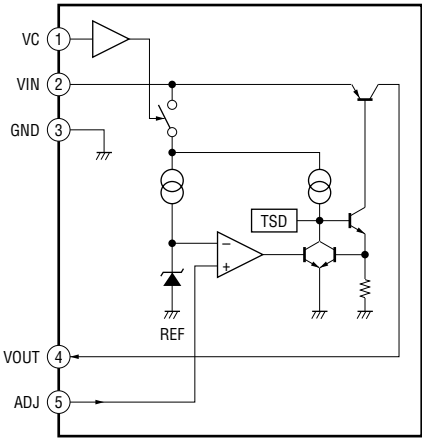


IC2034 PCM1609APT

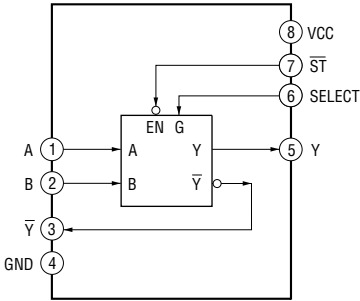


- DSP Board -

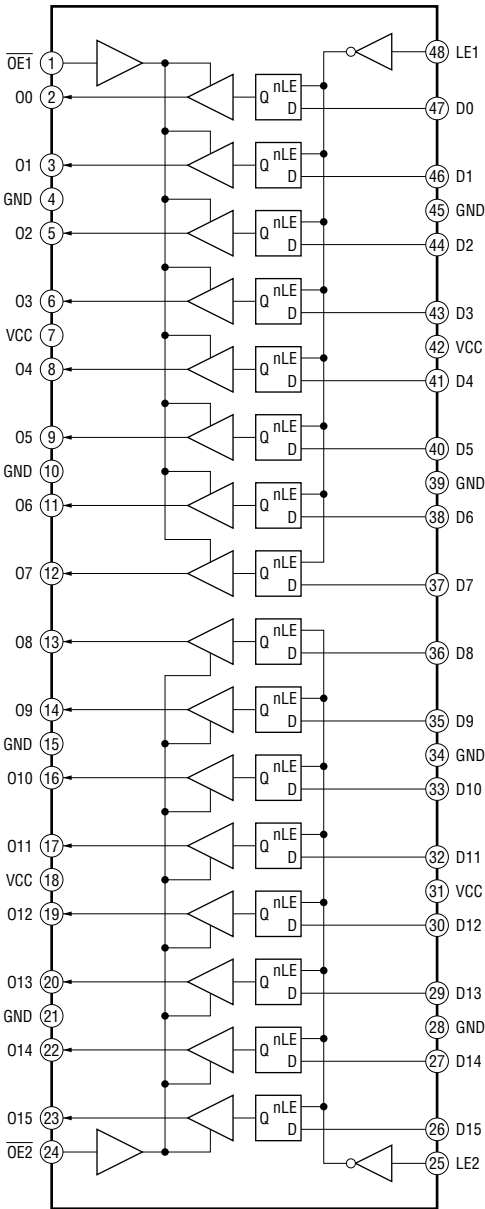
IC1 SI-3010KM-TL



IC4 TC7WH157FK (TE85R)

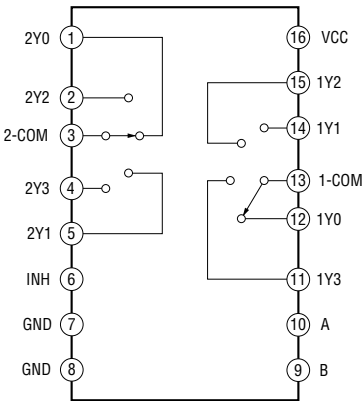


IC6 MC74LCX16373DTR2

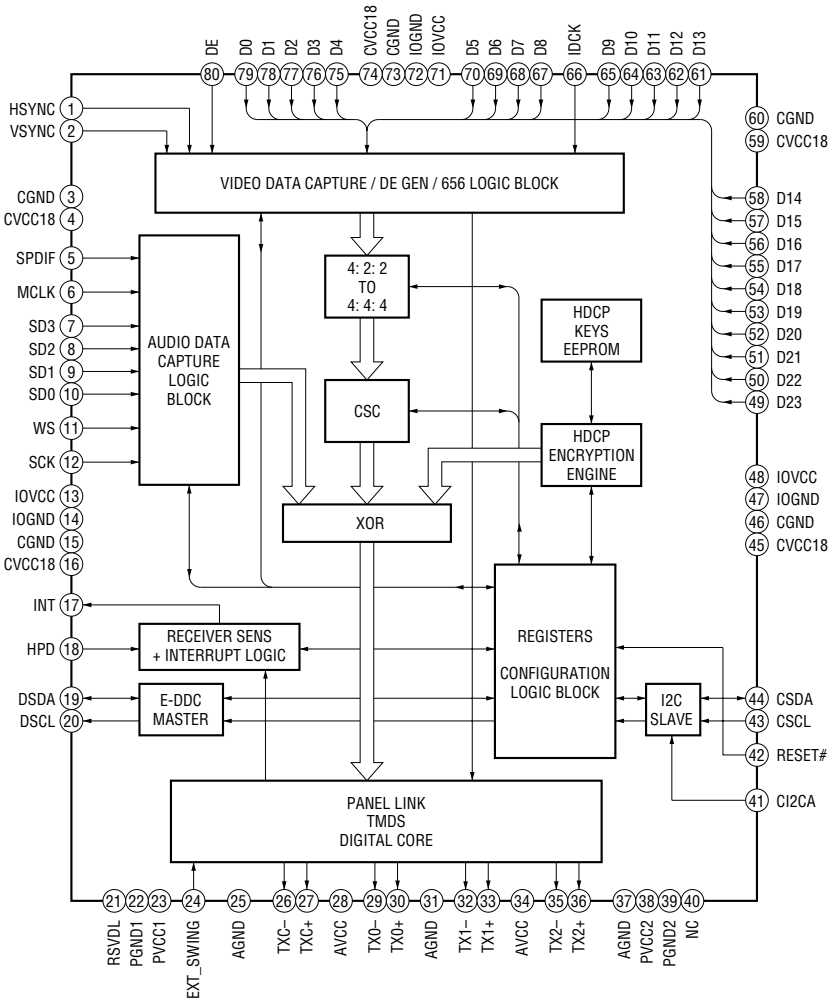


- HDMI Board -

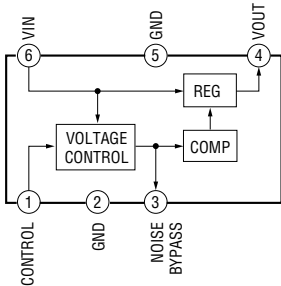
IC3504 SN74LV4052APWR



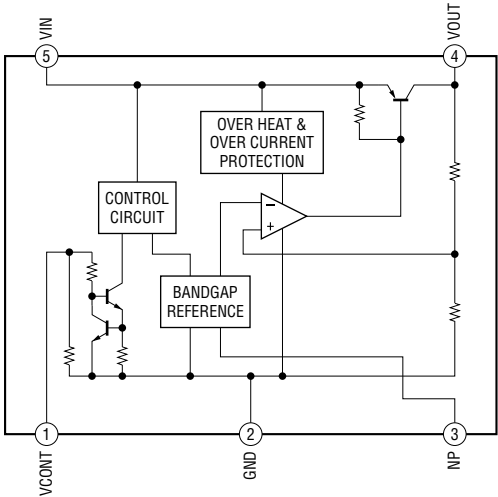
IC3508 SII9030CTU-7



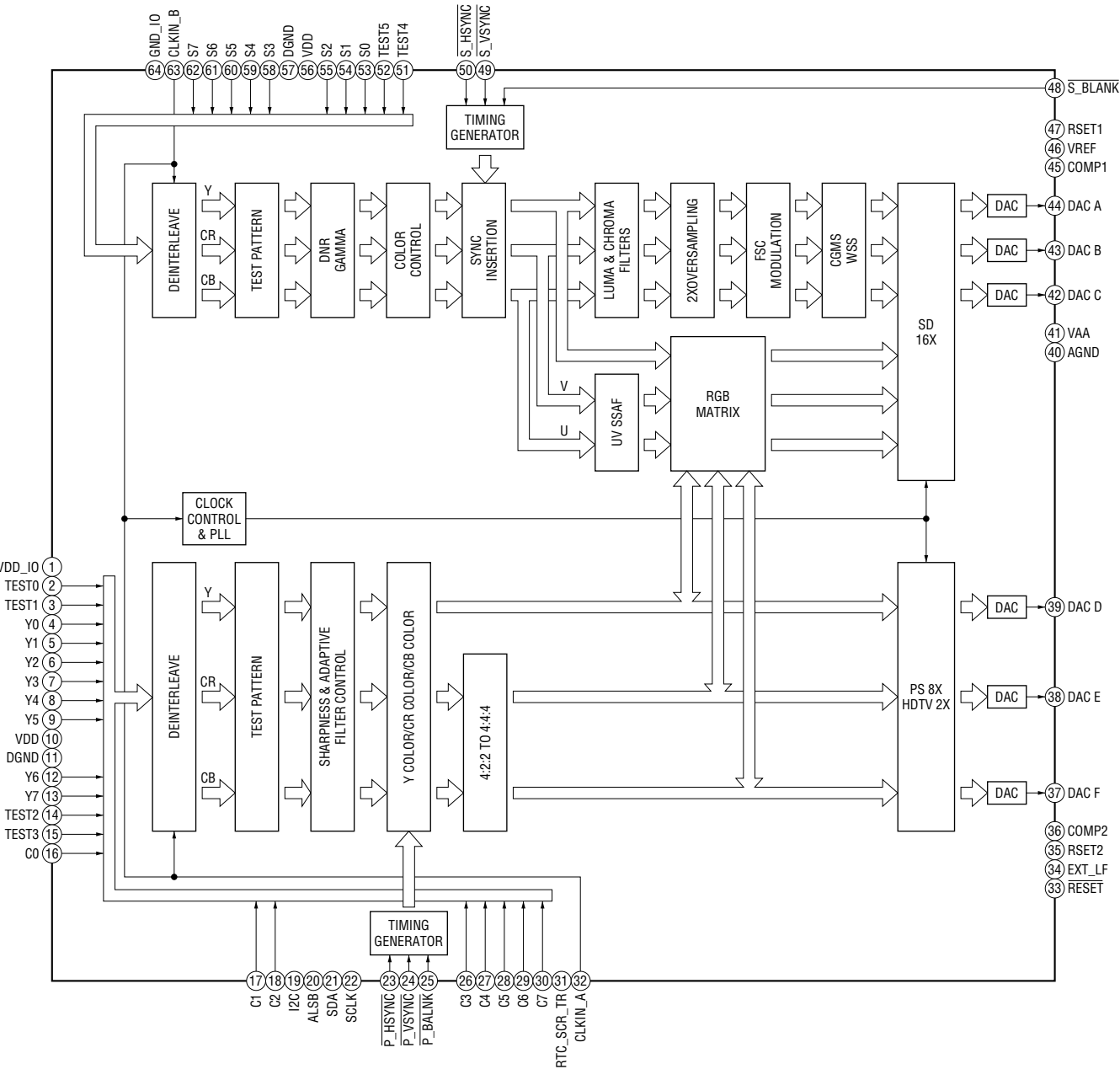
IC3511 TK11250CMCL-G



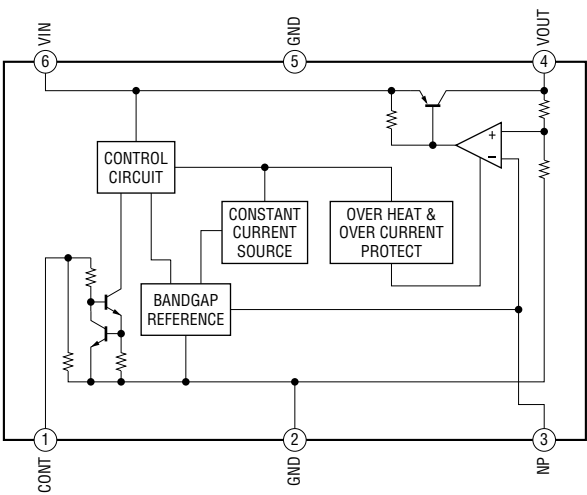
IC3512 TK11150CSCL-G
IC3521 TK11125CSCL-G
IC3525 TK11118CSCL-G



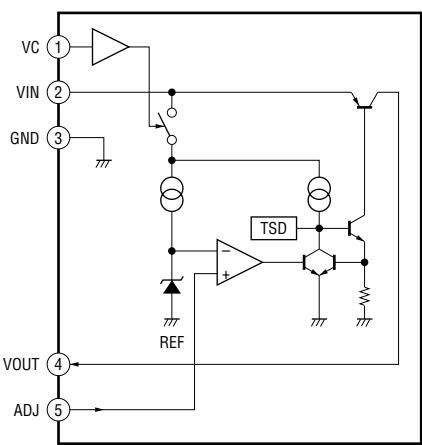
IC3519 ADV7322KSTZ



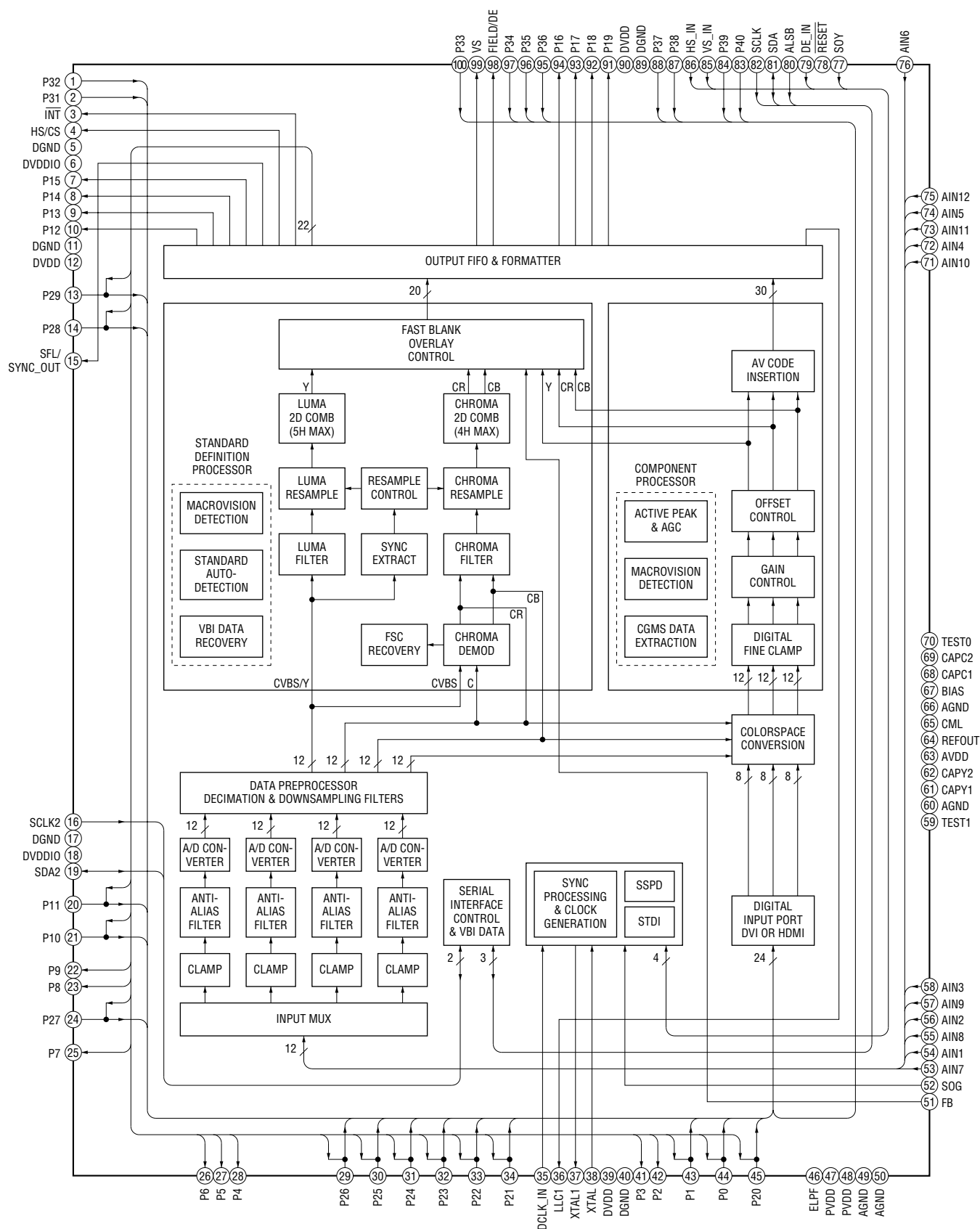
IC3520 TK11225CMCL-G



IC3522 SI-3010KM-TL

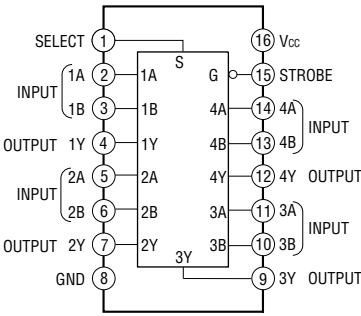


IC3526 ADV7403BSTZ-110

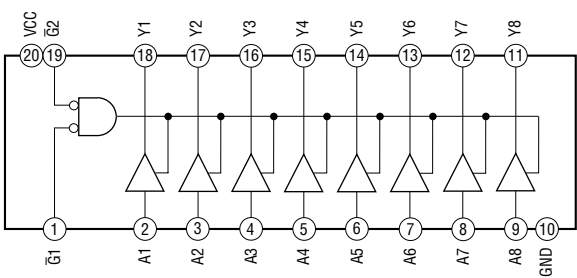


STR-DA3200ES/DG1000

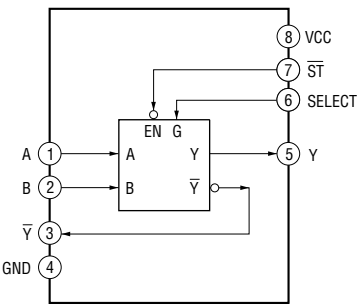
IC3528, 3529 TC74VHC157FT (EL)



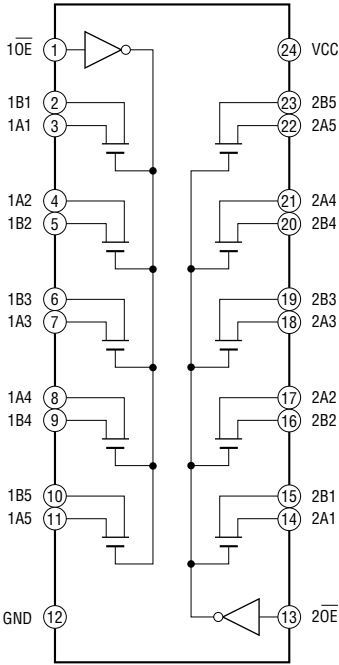
IC3530, 3531 TC74VHC541FT (EL)



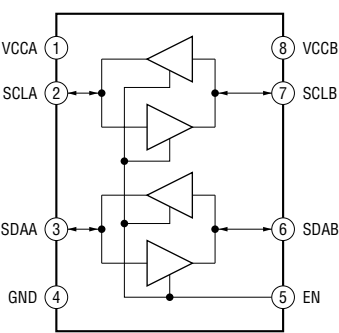
IC3532 TC7WH157FU (TE12R)



IC3540 – 3544 SN74CBT3384APWR

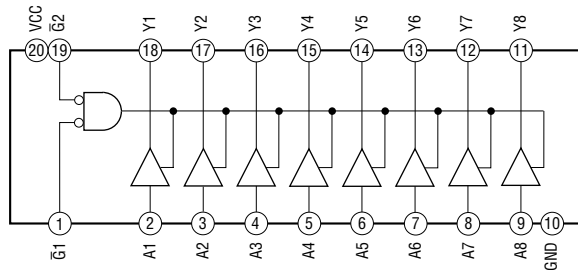


IC3913, 3914 PCA9517DP. 118

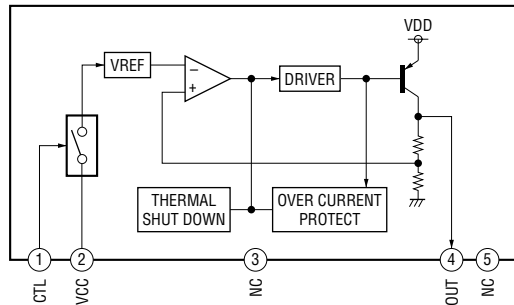


– XM Board –

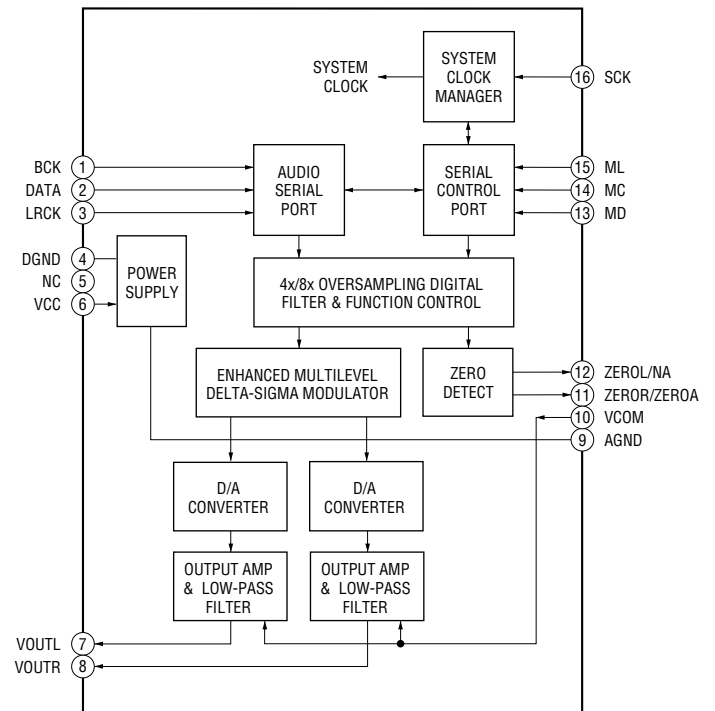
IC3803 TC74VHC541FT (EL)



IC3807 BA00BC0WFP-E2

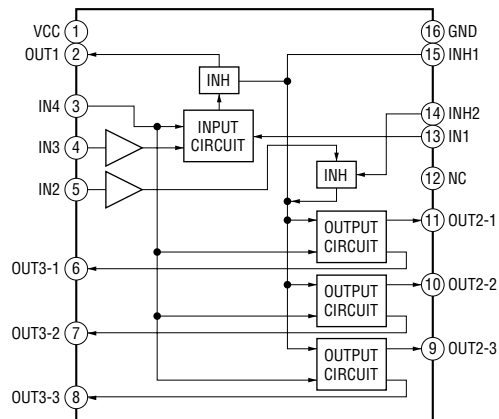


IC3805 PCM1753DBQR

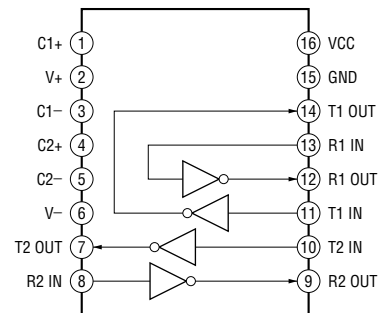


– CIS Board –

IC861 NJM2145M-TE2

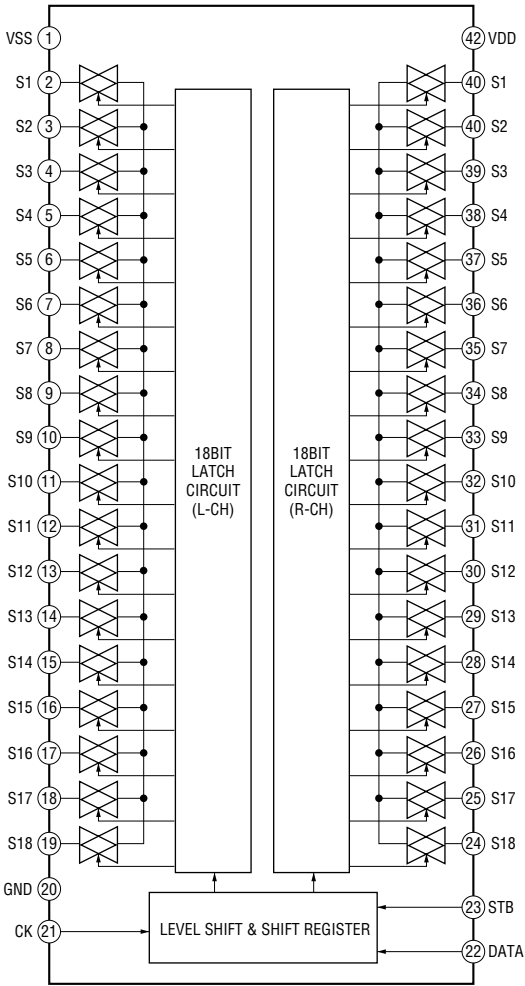


IC881 MAX232N



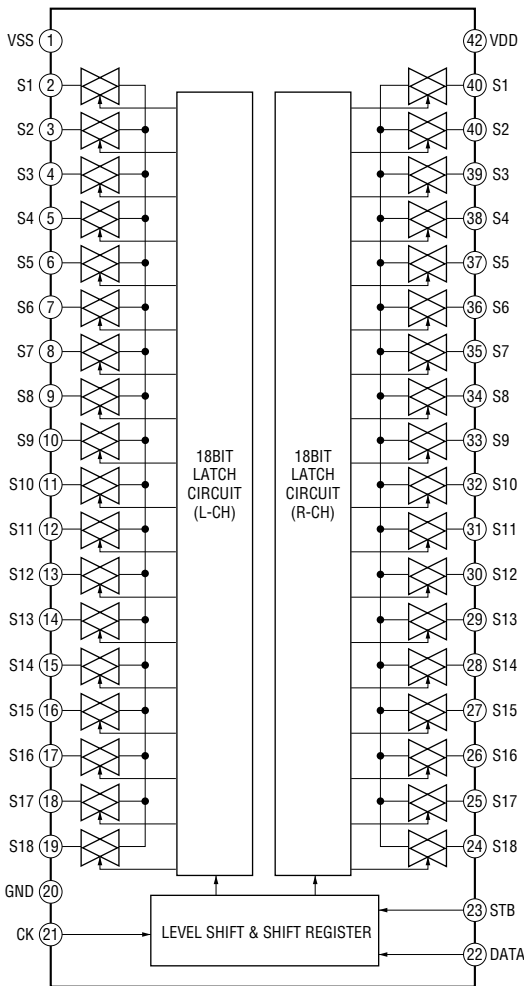
– ANALOG Board –

IC401, 501 TC9274CNG-015

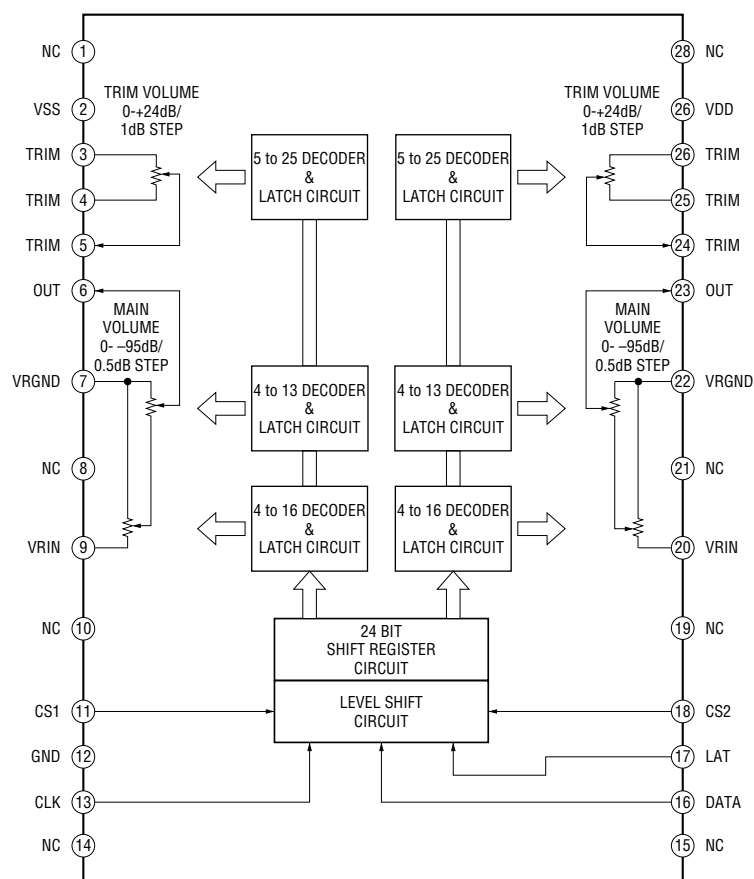


– MAIN Board –

IC1001 TC9274CNG-016

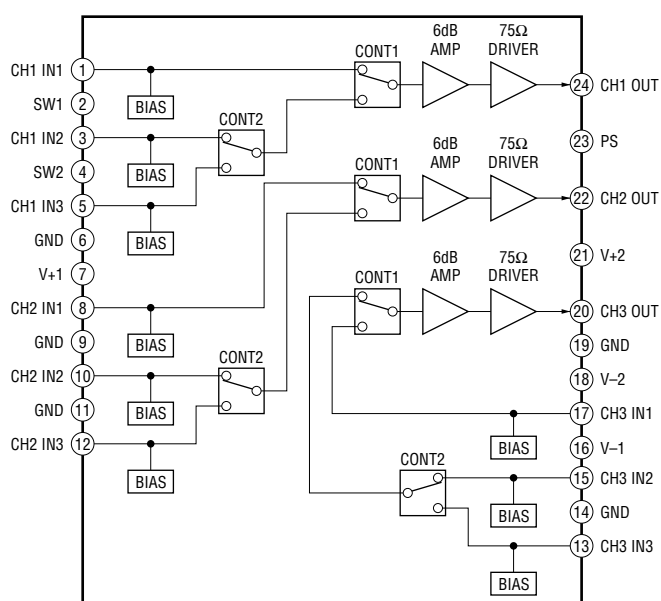


IC1203, 1213, 1223, 1233 CXD9725M-HFL

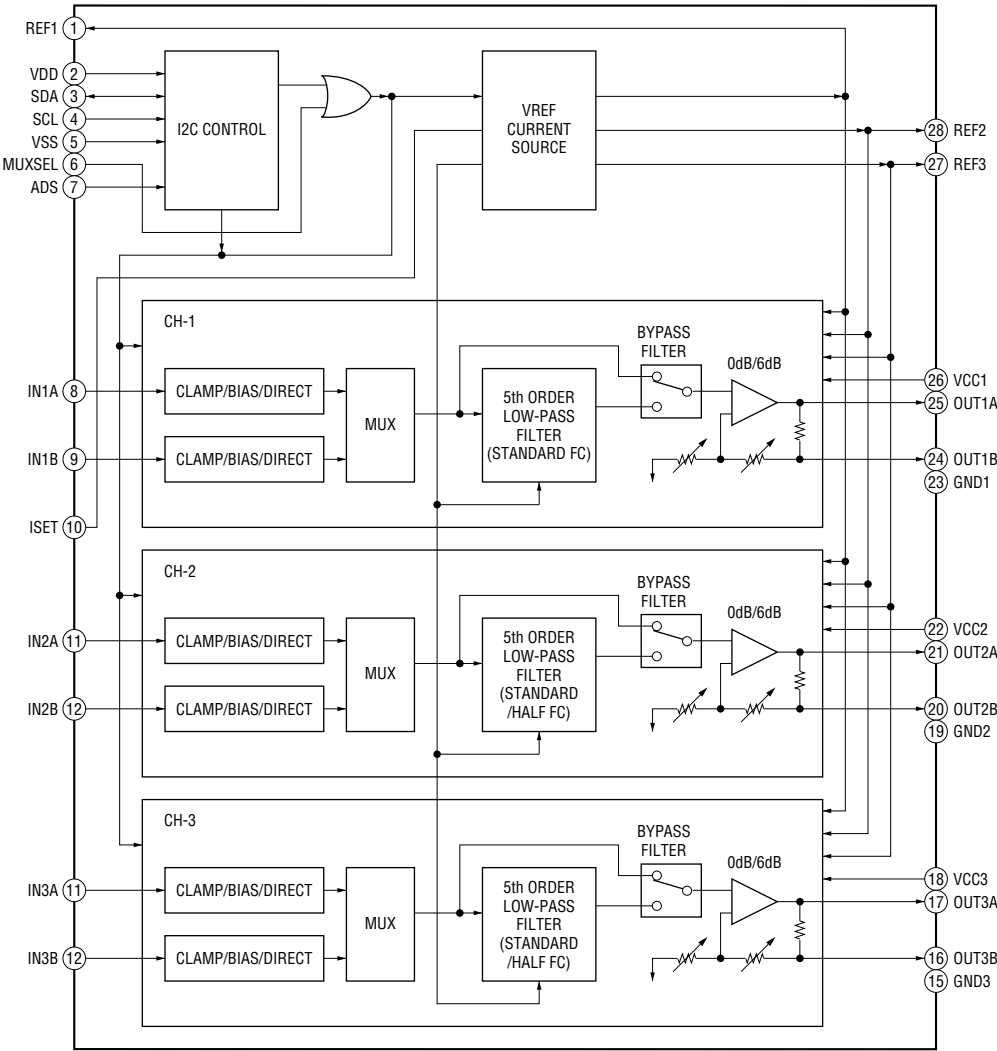


- VIDEO Board -

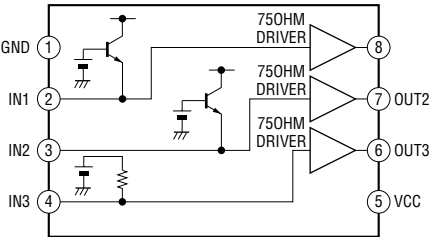
IC6101 NJM2586AM



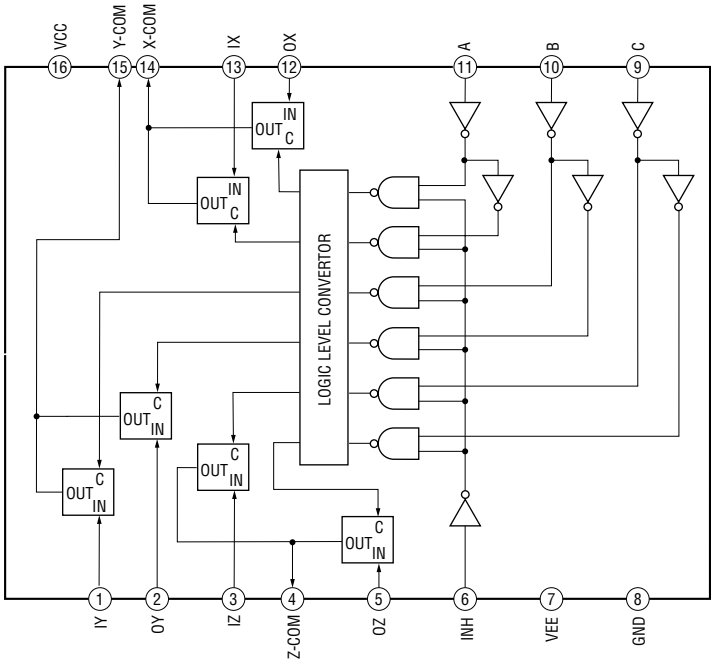
IC6102 SM5302AS-G-ET



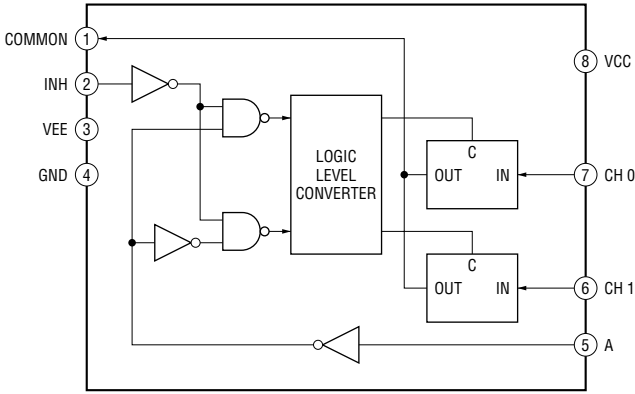
IC6301, 6306 BA76622F-E2-A



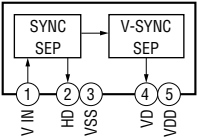
IC6302, 6303, 6703 TC74HC4053AFEL

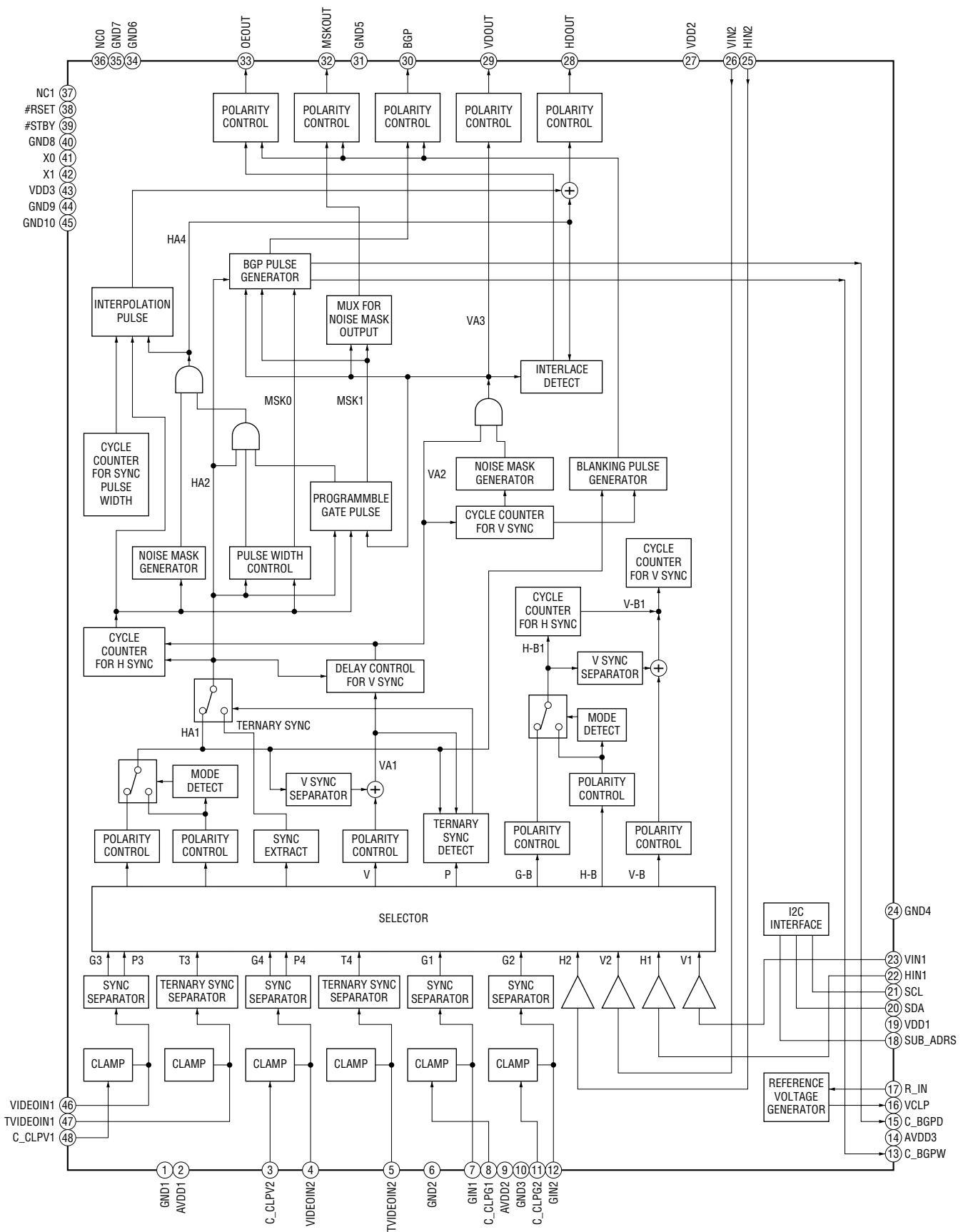


IC6304 TC7W53FU (TE12R)

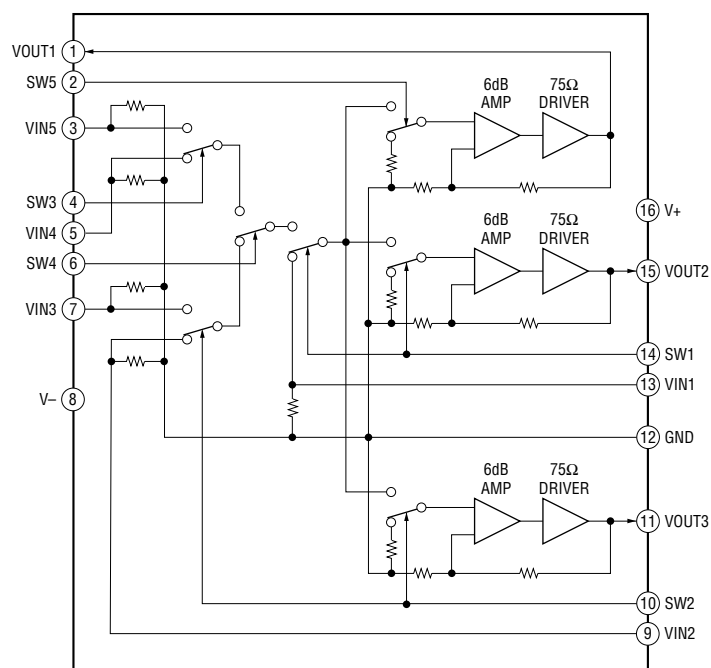


IC6305 LA7213

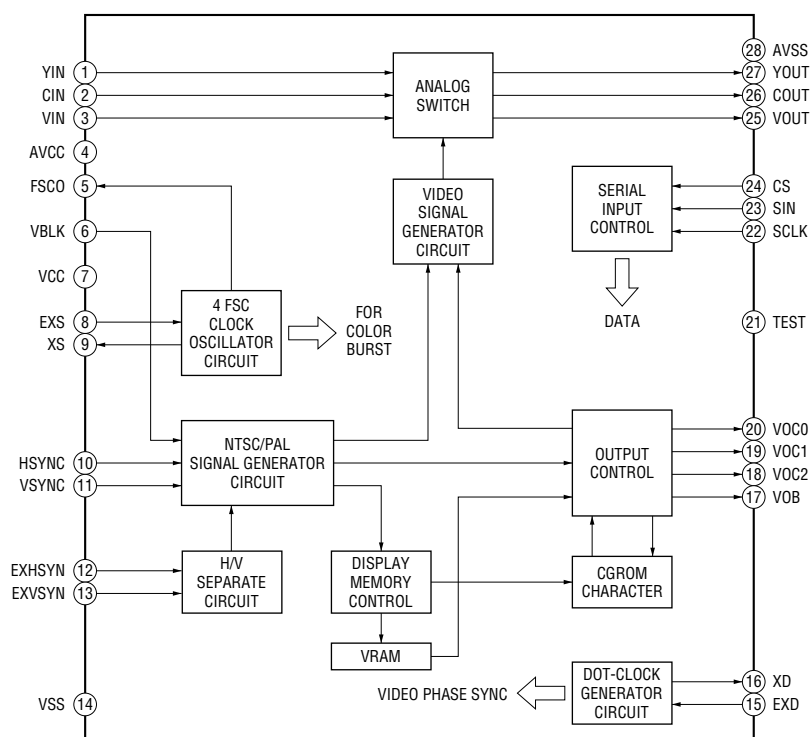




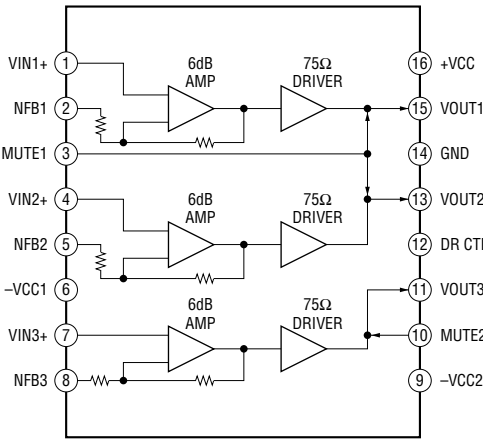
IC6401, 6402 NJM2595M-TE2



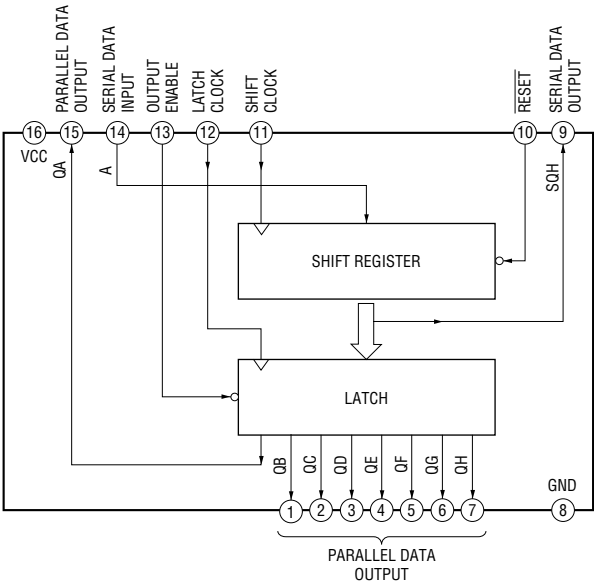
IC6501 MB90089F-G-238-BND



IC6701, 6702 LA7106M-TLM

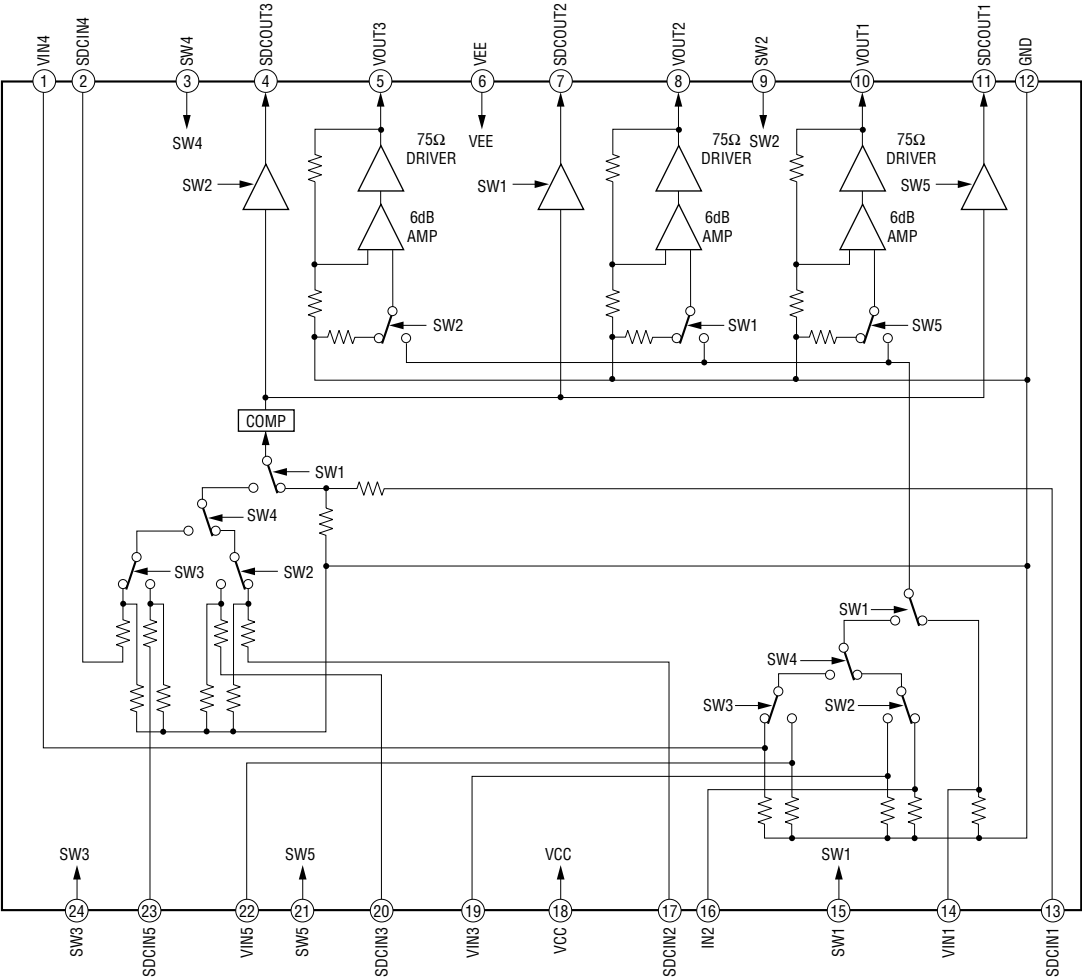


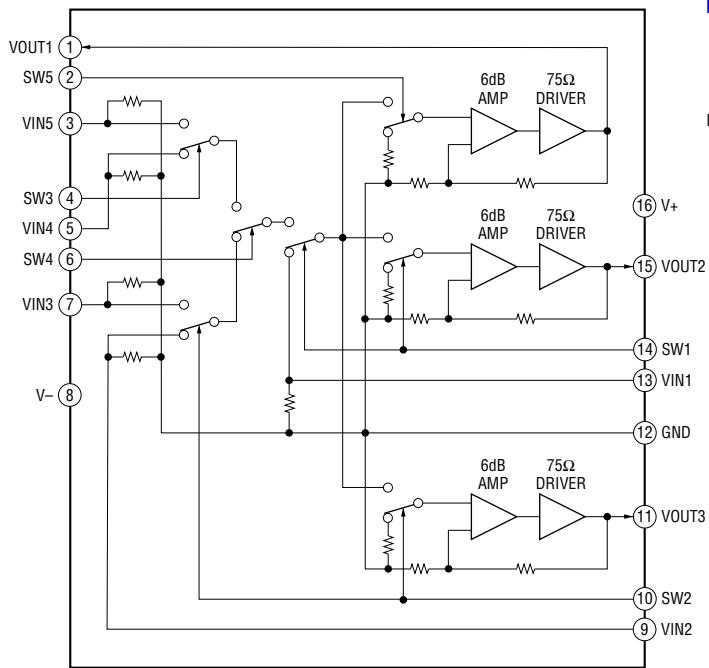
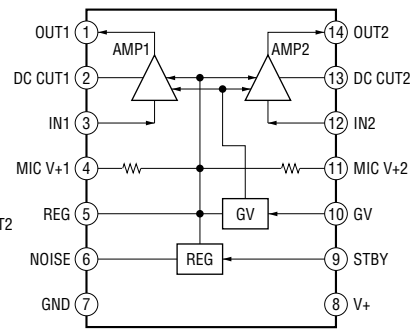
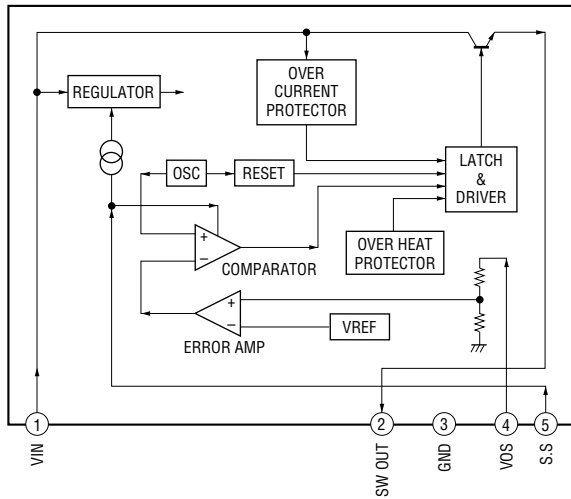
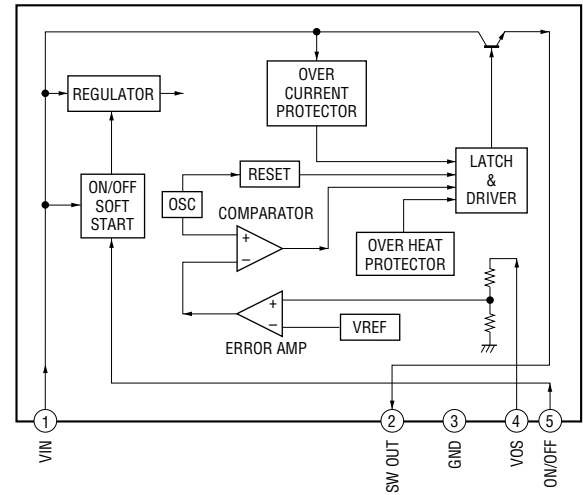
IC6802, 6803 SN74HC595ANS



- S-VIDEO Board -

IC6901 NJM2596M (TE2)



IC6902 NJM2595M-TE2**- DISPLAY Board -****IC703 NJM2173AV (TE2)****- DCDC-1 Board -****IC1403 SI-8050S-LF1101****IC1404 SI-8120JF**

STR-DA3200ES/DG1000

• IC Pin Function Description

DIGITAL BOARD IC2054 MB91F355APMT-A2ES-X101 (SYSTEM CONTROLLER) (DA3200ES: AEP, UK and Taiwan models)

MB91F355APMT-A2ESU-X102 (SYSTEM CONTROLLER) (DA3200ES: US and Canadian models/DG1000)

Pin No.	Pin Name	I/O	Description
1, 2	BASS JOG1, BASS JOG2	I	Jog dial pulse input from the rotary encoder (for TUNING)
3, 4	TREB JOG1, TREB JOG2	I	Jog dial pulse input from the rotary encoder (for TONE)
5	SVOL LAT (A90)	O	Serial data latch pulse signal output terminal Not used
6	TUNER LAT	O	Serial data latch pulse signal output to the tuner
7	TUNER DO	I	Serial data input from the tuner
8	TUNED	I	Tuned detection signal input from the tuner
9	STEREO	I	FM stereo detection signal input from the tuner
10	RDS DATA	I	RDS serial data input from the tuner (DA3200ES: AEP and UK models only)
11	DATA0	I	Audio serial data input from the digital audio interface
12	DSP RESET	O	System reset signal output to the DSP "L": reset
13	DSP (LAT)	O	Serial data latch pulse output to the DSP
14	MIC	O	Mic on/off control signal output terminal
15, 16	NO USE	-	Not used
17	VSS	-	Ground terminal
18	VCC	-	Power supply terminal (+3.3V)
19, 20	DSP BCFG0, DSP BCFG1	-	Not used
21	SF CPU CE	O	Chip enable signal output for the serial flash
22	SF DSP MAS	I	Master/slave selection signal input from the DSP "H": DSP is master
23	96/24	-	Not used
24 to 29	NO USE	-	Not used
30	DIR XMODE	O	System reset signal output to the digital audio interface "L": reset
31	DIR CE	O	Chip enable signal output to the digital audio interface
32	DIR DO	I	Serial data input from the digital audio interface
33	DIR ERROR	I	PLL lock error signal and data error flag input from the digital audio interface
34	DIR CKST	I	Clock select signal input from the digital audio interface
35	VSS	-	Ground terminal
36	VCC	-	Power supply terminal (+3.3V)
37	AD/DA RESET	O	System reset signal output to the A/D converter and D/A converter "L": reset
38	DAC LAT	O	Serial data latch pulse signal output to the D/A converter
39	DAC DO	I	Serial data input from the D/A converter
40	NO USE	-	Not used
41, 42	ADMIX LAT (A90)	O	Serial data latch pulse signal output terminal Not used
43	RF ERR (A90)	I	Error signal input terminal Not used
44	MUTE	O	System muting on/off control signal output terminal
45	DAVS	-	Ground terminal
46	DAVC	-	Power supply terminal (+3.3V)
47 to 49	NO USE	-	Not used
50 to 52	AD KEY1 to AD KEY3	I	Front panel key input terminal (A/D input)
53, 54	NO USE	-	Not used
55	VERSION	I	Setting terminal for version

Pin No.	Pin Name	I/O	Description
56, 57	NO USE	-	Not used
58	RDS SIGNAL	I	RDS signal input from the tuner
59 to 61	NO USE	-	Not used
62	AVCC	-	Power supply terminal (+3.3V)
63	AVRH	I	Reference voltage input terminal (+3.3V)
64	AVSS/AVRL	-	Ground terminal
65	VSS	-	Ground terminal
66	VCC	-	Power supply terminal (+3.3V)
67	IH ERROR	I	Error signal input terminal Not used
68	9742 INT	O	Initialize signal output terminal Not used
69	RY595 LAT (A90)	O	Serial data latch pulse signal output terminal Not used
70	C595 LAT (A90)	O	Serial data latch pulse signal output terminal Not used
71	D595 OE	O	Output enable signal output to the data decoder
72	D595 LAT	O	Serial data latch pulse output to the data decoder
73	O595 LAT	O	Serial data latch pulse output to the data decoder
74	FUNC LAT	O	Serial data latch pulse output to the analog input section
75	VOL LAT	O	Serial data latch pulse output to the pre audio section
76	PREOUT RY	O	Relay drive signal (for pre audio section) output terminal
77	V595 OE	O	Output enable signal output to the data decoder
78	V595 LAT	O	Serial data latch pulse output to the data decoder
79	VSS	-	Ground terminal
80	VCC	-	Power supply terminal (+3.3V)
81	FLSH-PN0	-	Not used
82	COM1 CLK	O	Serial data transfer clock signal output to the data decoder
83	FLSH-PN2	-	Not used
84	COM1 DAT	O	Serial data output to the data decoder
85	COM2 CLK	O	Serial data transfer clock signal output to the data decoder
86	COM2 DAT	O	Serial data output to the data decoder
87	OSD LAT	O	Serial data latch pulse signal output to the OSD driver
88	OSD DATA	O	Serial data output to the OSD driver
89	OSD CLK	O	Serial data transfer clock signal output to the OSD driver
90	XM-DACLAT	O	Serial data latch pulse signal output to the D/A converter
91, 92	NO USE	-	Not used
93	VSS	-	Ground terminal
94	UPCON DATA	I/O	Serial data input/output with the chroma decoder
95	UPCON CLK	O	Serial data transfer clock signal output to the chroma decoder
96	VSS	-	Ground terminal
97	VCC	-	Power supply terminal (+3.3V)
98	SIRCS IN	I	SIRCS signal input terminal
99	DSP INT	I	Interrupt status input from the DSP
100	RDS CLK	I	RDS serial data transfer clock signal input from the tuner
101	ZONE2 POW	I	Front panel key input terminal (A/D input)
102 to 104	NO USE	-	Not used
105	POW SW DET.	I	Power key input terminal
106	D.MIX-LAT	O	Serial data latch pulse signal output to the electrical volume
107	SP-A-RY	O	Relay drive signal (for front-A) output terminal
108	STOP	I	AC off detection signal input terminal

Pin No.	Pin Name	I/O	Description
109	SP-B-RY	O	Relay drive signal (for front-B) output terminal
110	C-RY	O	Relay drive signal (for center) output terminal
111	SB-RY	O	Relay drive signal (for surround back) output terminal
112	REAR-RY	O	Relay drive signal (for surround) output terminal
113	PROTECTOR	I	Protect signal input terminal
114	VSS	-	Ground terminal
115	VCC	-	Power supply terminal (+3.3V)
116	DSP MISO	I	Serial data input from the DSP or serial flash
117	DSP MOSI	O	Serial data output to the DSP or serial flash
118	DSP CLK	O	Serial data transfer clock signal output to the DSP
119	XM UART TX	I	UART communication transfer data input from the XM receiver
120	XM UART RX	O	UART communication receive data output to the XM receiver
121	XM RESET	O	System reset signal output to the XM receiver
122	HDMI TX	I	Serial data input from the HDMI controller
123	HDMI RX	O	Serial data output to the HDMI controller
124	HDMI RESET	O	System reset signal output to the HDMI controller
125	FLASH SI	I	Serial data input from the RS-232C connector
126	FLASH SO	O	Serial data output to the RS-232C connector
127	XM COMMAND	O	Command mode select signal output to the XM receiver
128	XM REQUEST	I	Interrupt request signal input from the XM receiver
129	FL DATA	O	Serial data output to the fluorescent indicator tube
130	FL CLK	O	Serial data transfer clock signal output to the fluorescent indicator tube
131	NO USE	-	Not used
132	END FLAG	O	End flag output terminal Not used
133	RST TRG	O	Reset signal output terminal
134	NMIX	-	Not used
135	XA-OUT	-	Not used
136	VSS	-	Ground terminal
137	XA-IN	-	Not used
138 to 140	MD2 to MD0	I	Model destination signal input terminal
141	X-IN	I	Main system clock input terminal (12.5 MHz)
142	VCC	-	Power supply terminal (+3.3V)
143	X-OUT	O	Main system clock output terminal (12.5 MHz)
144	XRESET	I	System reset signal input terminal "L": reset
145	VSS	-	Ground terminal
146	VCC	-	Power supply terminal (+3.3V)
147	NO USE	-	Not used
148	POWER RY2	O	Relay drive signal (for main power) output terminal "H": relay on
149, 150	FUNCTION JOG1, FUNCTION JOG2	I	Jog dial pulse input from the rotary encoder (for INPUT SELECTOR)
151, 152	VOL JOG1, VOL JOG2	I	Jog dial pulse input from the rotary encoder (for MASTER VOLUME)
153	H.P. IN	I	Headphone detection signal input terminal "H": headphone is connected
154	LED STB	O	LED drive signal output terminal
155	LED DCS	O	LED drive signal output terminal
156	FL CLR	O	Clear signal output terminal Not used

Pin No.	Pin Name	I/O	Description
157	FL LAT	O	Serial data latch pulse output to the fluorescent indicator tube
158, 159	NO USE	-	Not used
160	LED MLT ON/OFF	O	LED drive signal output terminal
161	LED MLT DIM	O	LED drive signal output terminal
162	VSS	-	Ground terminal
163	VCC	-	Power supply terminal (+3.3V)
164	FSRATE	I	L/R sampling clock signal (44.1 kHz) input terminal
165, 166	NO USE	-	Not used
167	EEPROM SDA	I/O	Two-way data bus with the EEPROM
168	EEPROM SCL	O	Serial data transfer clock signal output to the EEPROM
169	+/- JOG1	I	Jog dial pulse input terminal Not used
170	4/8 RELAY	I	Thermistor connection terminal for abnormal temperature detection (A/D input)
171	TE8200 RESET	O	System reset signal output to the sync separator
172	S_DET	I	Sync detection signal input terminal
173	4/8 SW	-	Not used
174	FL BCK	I	Blanking period signal output to the fluorescent indicator tube
175	VSS	-	Ground terminal
176	VCC	-	Power supply terminal (+3.3V)

DSP BOARD IC2 ADSP21266SKSTZ-2C (DSP)

Pin No.	Pin Name	I/O	Description
1	VDDINT	-	Power supply terminal (+1.2V)
2, 3	CLKCFG0, CLKCFG1	I	Clock frequency setting terminal
4, 5	BOOTCFG0, BOOTCFG1	I	Boot mode setting terminal for DSP
6	GND	-	Ground terminal
7	VDDEXT	-	Power supply terminal (+3.3V)
8	GND	-	Ground terminal
9	VDDINT	-	Power supply terminal (+1.2V)
10	GND	-	Ground terminal
11	VDDINT	-	Power supply terminal (+1.2V)
12	GND	-	Ground terminal
13	VDDINT	-	Power supply terminal (+1.2V)
14	GND	-	Ground terminal
15	INT_REQ	O	Interrupt status output to the main system controller
16	DIR_ERR	O	PLL lock error signal and data error flag output to the main system controller
17	AD7	I/O	Two-way data bus and address signal output with S-RAM
18	GND	-	Ground terminal
19	VDDINT	-	Power supply terminal (+1.2V)
20	GND	-	Ground terminal
21	VDDEXT	-	Power supply terminal (+3.3V)
22	GND	-	Ground terminal
23	VDDINT	-	Power supply terminal (+1.2V)
24 to 26	AD6 to AD4	I/O	Two-way data bus and address signal output with S-RAM
27	VDDINT	-	Power supply terminal (+1.2V)
28	GND	-	Ground terminal
29, 30	AD3, AD2	I/O	Two-way data bus and address signal output with S-RAM
31	VDDEXT	-	Power supply terminal (+3.3V)
32	GND	-	Ground terminal
33, 34	AD1, AD0	I/O	Two-way data bus and address signal output with S-RAM
35	XWR	O	Data write enable signal output to the S-RAM "L" active
36, 37	VDDINT	-	Power supply terminal (+1.2V)
38	GND	-	Ground terminal
39	XRD	O	Read strobe signal output to the S-RAM "L" active
40	ALE	O	Address latch enable signal output terminal
41 to 43	AD15 to AD13	I/O	Two-way data bus and address signal output with S-RAM
44	GND	-	Ground terminal
45	VDDEXT	-	Power supply terminal (+3.3V)
46	AD12	I/O	Two-way data bus and address signal output with S-RAM
47	VDDINT	-	Power supply terminal (+1.2V)
48	GND	-	Ground terminal
49 to 52	AD11 to AD8	I/O	Two-way data bus and address signal output with S-RAM
53	A16	O	Address signal output to S-RAM
54	VDDINT	-	Power supply terminal (+1.2V)
55	GND	-	Ground terminal
56, 57	A17, A18	O	Address signal output to S-RAM

Pin No.	Pin Name	I/O	Description
58	GND	-	Ground terminal
59	VDDEXT	-	Power supply terminal (+3.3V)
60	VDDINT	-	Power supply terminal (+1.2V)
61	GND	-	Ground terminal
62	PF_CE	I/O	Chip enable signal input/output terminal Not used
63	SPI_MAS	O	Master/slave selection signal output terminal "L": DSP is master
64	DPSOA	O	PCM audio signal (front L/R) output terminal
65	DPSOB	O	PCM audio signal (surround L/R) output terminal
66	VDDINT	-	Power supply terminal (+1.2V)
67	GND	-	Ground terminal
68	VDDINT	-	Power supply terminal (+1.2V)
69	GND	-	Ground terminal
70	DPSOC	O	PCM audio signal (center, sub woofer) output terminal
71	DPSOD	O	PCM audio signal (surround back L/R) output terminal
72	VDDINT	-	Power supply terminal (+1.2V)
73	VDDEXT	-	Power supply terminal (+3.3V)
74	GND	-	Ground terminal
75	VDDINT	-	Power supply terminal (+1.2V)
76	GND	-	Ground terminal
77	DPSOE	O	PCM audio signal output terminal Not used
78	DPSIA	I	PCM audio signal (digital input) input terminal
79	DPSIB	I	PCM audio signal (front L/R) input terminal
80	DPSIC	I	PCM audio signal (surround L/R) input terminal
81	DPSID	I	PCM audio signal (center, sub woofer) input terminal
82	DPSIE	I	PCM audio signal (surround back L/R) input terminal
83	VDDINT	-	Power supply terminal (+1.2V)
84, 85	GND	-	Ground terminal
86	DPDVLCK	O	L/R sampling clock signal (44.1 kHz) output terminal for PCM audio output
87	DPDVCK	O	Bit clock signal (2.8224 MHz) output terminal for PCM audio output
88	DPLCK	I	L/R sampling clock signal (44.1 kHz) input terminal for PCM audio input
89	DPBCK	I	Bit clock signal (2.8224 MHz) input terminal for PCM audio input
90	VDDINT	-	Power supply terminal (+1.2V)
91, 92	GND	-	Ground terminal
93	VDDEXT	-	Power supply terminal (+3.3V)
94	DPFCK	I	Master clock signal input terminal
95	GND	-	Ground terminal
96	VDDINT	-	Power supply terminal (+1.2V)
97	XNONAUDIO	I	Digital input signal switch control signal input terminal
98	XSF_CE	O	Chip enable signal output to the flash memory
99	VDDINT	-	Power supply terminal (+1.2V)
100	GND	-	Ground terminal
101	VDDINT	-	Power supply terminal (+1.2V)
102	GND	-	Ground terminal
103	VDDINT	-	Power supply terminal (+1.2V)
104	GND	-	Ground terminal
105	VDDINT	-	Power supply terminal (+1.2V)
106	GND	-	Ground terminal

Pin No.	Pin Name	I/O	Description
107, 108	VDDINT	-	Power supply terminal (+1.2V)
109	GND	-	Ground terminal
110	VDDINT	-	Power supply terminal (+1.2V)
111	GND	-	Ground terminal
112	VDDINT	-	Power supply terminal (+1.2V)
113	GND	-	Ground terminal
114	VDDINT	-	Power supply terminal (+1.2V)
115	GND	-	Ground terminal
116	VDDEXT	-	Power supply terminal (+3.3V)
117	GND	-	Ground terminal
118	VDDINT	-	Power supply terminal (+1.2V)
119	GND	-	Ground terminal
120	VDDINT	-	Power supply terminal (+1.2V)
121	XRESET	I	System reset signal input to the main system controller
122	XSPIDS	I	Serial data latch pulse signal input to the main system controller
123	GND	-	Ground terminal
124	VDDINT	-	Power supply terminal (+1.2V)
125	SPICLK	I/O	Serial data transfer clock signal input/output with the flash memory
126	MISO	I/O	When DSP is master: Serial data input from the flash memory When DSP is slave: Serial data output to the main system controller
127	MOSI	I/O	When DSP is master: Serial data output to the flash memory When DSP is slave: Serial data input from the main system controller
128	GND	-	Ground terminal
129	VDDINT	-	Power supply terminal (+1.2V)
130	VDDEXT	-	Power supply terminal (+3.3V)
131	AVDD	-	Power supply terminal (+3.3V)
132	AVSS	-	Ground terminal
133	GND	-	Ground terminal
134	CLKOUT	-	Not used
135	XEMU	-	Not used
136	TDO	-	Not used
137	TDI	-	Not used
138	CTRST	-	Not used
139	TCK	-	Not used
140	TMS	-	Not used
141	GND	-	Ground terminal
142	CLKIN	I	System clock input terminal (25 MHz)
143	XTAL	O	System clock output terminal (25 MHz)
144	VDDEXT	-	Power supply terminal (+3.3V)

HDMI BOARD IC3505 SII9033CTU (HDMI RECEIVER)

Pin No.	Pin Name	I/O	Description
1	DE	O	Data enable signal output to the HDMI transmitter
2	HSYNC	O	Horizontal synchronize signal output to the HDMI transmitter
3	VSYNC	O	Vertical synchronize signal output to the HDMI transmitter
4	IOGND	-	Ground terminal
5	IOVCC	-	Power supply terminal (+3.3V)
6 to 8	NC	-	Not used
9	EVNODD	-	Not used
10	DCLK	-	Not used
11 to 14	DR0, DL0, DR1, DL1	-	Compensation terminal
15	IOGND	-	Ground terminal
16	IOVCC	-	Power supply terminal (+3.3V)
17 to 20	DR2, DL2, DR3, DL3	-	Compensation terminal
21	CGND	-	Ground terminal
22, 23	CVCC18	-	Power supply terminal (+1.8V)
24	CGND	-	Ground terminal
25	IOGND	-	Ground terminal
26	IOVCC	-	Power supply terminal (+3.3V)
27	CSDA	I/O	I2C two-way data bus with the HDMI transmitter, HDMI controller, VIDEO A/D converter, progressive scan converter and video encoder
28	CSCL	I	I2C clock signal input from the HDMI controller
29	DSDA1	I/O	I2C two-way data bus with the HDMI ASSIGNABLE IN 2 jack
30	DSCL1	I	I2C clock signal input from the HDMI ASSIGNABLE IN 2 jack
31	DSDA0	I/O	I2C two-way data bus with the HDMI ASSIGNABLE IN 1 jack
32	DSCL0	I	I2C clock signal input from the HDMI ASSIGNABLE IN 1 jack
33	R1PWR5V	I	HDMI ASSIGNABLE IN 2 jack detection signal input terminal
34	R0PWR5V	I	HDMI ASSIGNABLE IN 1 jack detection signal input terminal
35	CVCC18	-	Power supply terminal (+1.8V)
36	CGND	-	Ground terminal
37	PVCC0	-	Power supply terminal (+3.3V)
38	AVCC	-	Power supply terminal (+3.3V)
39	R0XC-	I	TMDS clock signal input from the HDMI ASSIGNABLE IN 1 jack
40	R0XC+	I	TMDS clock signal input from the HDMI ASSIGNABLE IN 1 jack
41	AGND	-	Ground terminal
42	AVCC	-	Power supply terminal (+3.3V)
43	R0X0-	I	TMDS data input from the HDMI ASSIGNABLE IN 1 jack
44	R0X0+	I	TMDS data input from the HDMI ASSIGNABLE IN 1 jack
45	AGND	-	Ground terminal
46	AVCC	-	Power supply terminal (+3.3V)
47	R0X1-	I	TMDS data input from the HDMI ASSIGNABLE IN 1 jack
48	R0X1+	I	TMDS data input from the HDMI ASSIGNABLE IN 1 jack
49	AGND	-	Ground terminal
50	AVCC	-	Power supply terminal (+3.3V)
51	R0X2-	I	TMDS data input from the HDMI ASSIGNABLE IN 1 jack
52	R0X2+	I	TMDS data input from the HDMI ASSIGNABLE IN 1 jack
53	AGND	-	Ground terminal

Pin No.	Pin Name	I/O	Description
54	TMDSPGND	-	Ground terminal
55	PVCC1	-	Power supply terminal (+3.3V)
56	RSVD_A	-	Not used
57	AVCC	-	Power supply terminal (+3.3V)
58	R1XC-	I	TMDS clock signal input from the HDMI ASSIGNABLE IN 2 jack
59	R1XC+	I	TMDS clock signal input from the HDMI ASSIGNABLE IN 2 jack
60	AGND	-	Ground terminal
61	AVCC	-	Power supply terminal (+3.3V)
62	R1X0-	I	TMDS data input from the HDMI ASSIGNABLE IN 2 jack
63	R1X0+	I	TMDS data input from the HDMI ASSIGNABLE IN 2 jack
64	AGND	-	Ground terminal
65	AVCC	-	Power supply terminal (+3.3V)
66	R1X1-	I	TMDS data input from the HDMI ASSIGNABLE IN 2 jack
67	R1X1+	I	TMDS data input from the HDMI ASSIGNABLE IN 2 jack
68	AGND	-	Ground terminal
69	AVCC	-	Power supply terminal (+3.3V)
70	R1X2-	I	TMDS data input from the HDMI ASSIGNABLE IN 2 jack
71	R1X2+	I	TMDS data input from the HDMI ASSIGNABLE IN 2 jack
72	AGND	-	Ground terminal
73	CGND	-	Ground terminal
74	CVCC18	-	Power supply terminal (+1.8V)
75	IOGND	-	Ground terminal
76	IOVCC	-	Power supply terminal (+3.3V)
77	MUTEOUT	O	Audio muting signal output terminal
78	SPDIF	O	S/PDIF signal output to the digital audio interface and HDMI transmitter
79	CVCC	-	Power supply terminal (+1.8V)
80	CGND	-	Ground terminal
81 to 84	SD3 to SD0	O	Serial data output to the DSP and HDMI transmitter
85	WS	O	Word select signal output to the DSP and HDMI transmitter
86	SCK	O	Serial clock signal output to the DSP and HDMI transmitter
87	NC	-	Not used
88	MCLK	O	Audio master clock signal output to the DSP and HDMI transmitter
89	IOVCC	-	Power supply terminal (+3.3V)
90	IOGND	-	Ground terminal
91	CGND	-	Ground terminal
92	CVCC18	-	Power supply terminal (+1.8V)
93	NC	-	Not used
94	AUDPVCC18	-	Power supply terminal (+1.8V)
95	AUDPGND	-	Ground terminal
96	XTALOUT	O	System clock output terminal (28.322 MHz)
97	XTALIN	I	System clock input terminal (28.322 MHz)
98	XTALVCC	-	Power supply terminal (+3.3V)
99	REGVCC	-	Power supply terminal (+3.3V)
100	NC	-	Not used
101	RSVDL	-	Not used
102	RESET#	I	Reset signal input from the HDMI controller "L": reset
103	SCDT	-	Not used

Pin No.	Pin Name	I/O	Description
104	INT	O	Interrupt signal output to the HDMI controller
105	CVCC18	-	Power supply terminal (+1.8V)
106	CGND	-	Ground terminal
107	CLK48B	O	Data bus latch enable signal output terminal Not used
108	I0GND	-	Ground terminal
109	I0VCC	-	Power supply terminal (+3.3V)
110 to 113	Q23 to Q20	O	Serial data output to the HDMI transmitter, progressive scan converter and video encoder
114	CVCC18	-	Power supply terminal (+1.8V)
115	CGND	-	Ground terminal
116 to 119	Q19 to Q16	O	Serial data output to the HDMI transmitter, progressive scan converter and video encoder
120	I0GND	-	Ground terminal
121	ODCK	O	Output data clock signal output to the HDMI transmitter
122	I0VCC	-	Power supply terminal (+3.3V)
123 to 126	Q15 to Q12	O	Serial data output to the HDMI transmitter, progressive scan converter and video encoder
127	CGND	-	Ground terminal
128	CVCC18	-	Power supply terminal (+1.8V)
129 to 133	Q11 to Q7	O	Serial data output to the HDMI transmitter, progressive scan converter and video encoder
134	I0VCC	-	Power supply terminal (+3.3V)
135	I0GND	-	Ground terminal
136, 137	Q6, Q5	O	Serial data output to the HDMI transmitter, progressive scan converter and video encoder
138	CGND	-	Ground terminal
139	CVCC18	-	Power supply terminal (+1.8V)
140 to 144	Q4 to Q0	O	Serial data output to the HDMI transmitter, progressive scan converter and video encoder

HDMI BOARD IC3509 uPD70F3210HYGC-8BT-AA32X103 (HDMI CONTROLLER)

Pin No.	Pin Name	I/O	Description
1	AVDD	-	Power supply terminal (+3.3V)
2	AVSS	-	Ground terminal
3 to 7	NC	-	Not used
8	VPP	-	Not used
9	VDD	-	Power supply terminal (+3.3V)
10	REGC	-	Not used
11	VSS	-	Ground terminal
12	10M	I	System clock input terminal (10 MHz)
13	10M	O	System clock output terminal (10 MHz)
14	RESET	I	System reset signal input from the main system controller "L": reset
15	GND	-	Ground terminal
16	OPEN	-	Not used
17, 18	NC	-	Not used
19	SYSCONSIN	-	Not used
20	SYSCONSOUT	-	Not used
21	SYSCONSSLK	-	Not used
22	232COUT	-	Connect to jig
23	232CIN	-	Connect to jig
24 to 27	NC	-	Not used
28	UC3V_SDA	I/O	Two-way data bus with the HDMI circuit
29	UC3V_SCL	O	Serial data transfer clock signal output to the HDMI circuit
30	EVSS	-	Ground terminal
31	EVDD	-	Power supply terminal (+3.3V)
32	RX_INT	I	Interrupt status input from the HDMI receiver
33	RX_RST	O	System reset signal output to the HDMI receiver "L": reset
34	EN1_HDMI1	O	Change signal output terminal of serial data used for EEPROM
35	RX_HPG_DTCT00	I	HDMI connector (HDMI ASSIGNABLE IN 1) detection signal input terminal
36	RX_HPG_DTCT01	I	HDMI connector (HDMI ASSIGNABLE IN 2) detection signal input terminal
37	VDAC_RST	O	System reset signal output to the video encoder "L": reset
38	MAINCPU_TX	O	Serial data output to the main system controller
39	MAINCPU_RX	I	Serial data input from the main system controller
40	TX_INT	I	Interrupt status input from the HDMI transmitter
41	TX_RST	O	System reset signal output to the HDMI transmitter "L": reset
42	TX_HPG	O	Power on/off control signal output to the HDMI connector (HDMI MONITOR OUT) section
43	EN2_HDMI2	O	Change signal output terminal of serial data used for EEPROM
44	EN3_UCOM	-	Not used
45 to 48	NC	-	Not used
49	FLHS	-	Not used
50	CLKOUT	-	Not used
51 to 60	NC	-	Not used
61	MUTE	O	Muting signal output terminal
62	FLMD1	-	Not used
63, 64	NC	-	Not used
65	FL_CTRL	-	Not used
66 to 68	NC	-	Not used
69	AD-OUT-SW	O	Data control signal output to the bus switch

Pin No.	Pin Name	I/O	Description
70	PROU-OUT-SW	O	Data control signal output to the bus switch
71	PROU_RST	O	System reset signal output to the progressive scan converter "L": reset
72	ADV7403_RST	O	System reset signal output to the video A/D converter "L": reset
73	ADV7403_INT	I	Interrupt status input from the video A/D converter
74 to 80	NO_USE	-	Not used

HDMI BOARD IC3516 CXD9837R (PROGRESSIVE SCAN CONVERTER)

Pin No.	Pin Name	I/O	Description
1	DVDD	-	Power supply terminal (+3.3V) (for I/O)
2	CLKI	I	System clock input (27 MHz) terminal
3	TEST17	I	Terminal for test Fixed at "L" in this set
4	PLL EN	I	PLL enable signal input terminal
5 to 14	PI0 to PI9	I	Video data input from the video A/D converter
15	NHSI	I	Horizontal sync signal input from the video A/D converter
16	NVSI	I	Vertical sync signal input from the video A/D converter
17	OVSS	-	Ground terminal (for I/O)
18	THRM	I	Through mode setting terminal Fixed at "L" in this set
19	CVSS	-	Ground terminal (for core)
20	NVSO	O	Vertical sync signal output to the video encoder
21	NHSO	O	Horizontal sync signal output to the video encoder
22 to 25	PO9 to PO6	O	Video signal output terminal Not used
26	OVDD	-	Power supply terminal (+3.3V) (for I/O)
27	OVSS	-	Ground terminal (for I/O)
28 to 33	PO5 to PO0	O	Video signal output terminal Not used
34	TEST0	I	Terminal for test Fixed at "L" in this set
35	OVSS	-	Ground terminal (for I/O)
36	OVDD	-	Power supply terminal (+3.3V) (for I/O)
37	CVDD	-	Power supply terminal (+2.5V) (for core)
38	TEST1	I	Terminal for test Fixed at "L" in this set
39	TEST2	I	Terminal for test Fixed at "L" in this set
40	CLKO	O	System clock output (27 MHz) to the video encoder
41 to 45	YO9 to YO5	O	Video signal output to the video encoder
46	OVDD	-	Power supply terminal (+3.3V) (for I/O)
47	OVSS	-	Ground terminal (for I/O)
48 to 52	YO4 to YO0	O	Video signal output to the video encoder
53	OVDD	-	Power supply terminal (+3.3V) (for I/O)
54	CVSS	-	Ground terminal (for core)
55	OVSS	-	Ground terminal (for I/O)
56 to 60	CO0 to CO4	O	Video signal output to the video encoder
61	OVDD	-	Power supply terminal (+3.3V) (for I/O)
62	OVSS	-	Ground terminal (for I/O)
63 to 67	CO5 to CO9	O	Video signal output to the video encoder
68	FILM	O	Film sequence detection flag output terminal Not used
69	RFFI	I	MPEG flag (repeat first field flag) input terminal Not used
70	OVSS	-	Ground terminal (for I/O)
71	CVDD	-	Power supply terminal (+2.5V) (for core)
72	IVDD	-	Power supply terminal (+3.3V) (for I/O)
73	OVDD	-	Power supply terminal (+3.3V) (for I/O)
74 to 77	MD19 to MD16	I/O	Two-way data bus terminal Not used
78	OVDD	-	Power supply terminal (+3.3V) (for I/O)
79	OVSS	-	Ground terminal (for I/O)
80 to 83	MA3, MA4, MA2, MA5	O	Address signal output to the SD-RAM

Pin No.	Pin Name	I/O	Description
84	OVDD	-	Power supply terminal (+3.3V) (for I/O)
85	OVSS	-	Ground terminal (for I/O)
86 to 89	MA1, MA6, MA0, MA7	O	Address signal output to the SD-RAM
90	OVSS	-	Ground terminal (for I/O)
91	TEST5	-	Ground terminal (for I/O)
92	CVSS	-	Ground terminal (for core)
93	OVDD	-	Power supply terminal (+3.3V) (for I/O)
94 to 97	MA10, MA8, MA11, MA9	O	Address signal output to the SD-RAM
98	OVDD	-	Power supply terminal (+3.3V) (for I/O)
99	OVSS	-	Ground terminal (for I/O)
100	RAS	O	Row address strobe signal output to the SD-RAM
101	DQM	O	Data mask signal output to the SD-RAM
102	CAS	O	Column address strobe signal output to the SD-RAM
103	MCLK	O	Serial data transfer clock signal output to the SD-RAM
104	WE	O	Write enable signal output to the SD-RAM
105	TEST3	I	Terminal for test Fixed at "L" in this set
106	TEST4	I	Terminal for test Fixed at "L" in this set
107	OVSS	-	Ground terminal (for I/O)
108	OVDD	-	Power supply terminal (+3.3V) (for I/O)
109	CVDD	-	Power supply terminal (+2.5V) (for core)
110 to 113	MD7, MD8, MD6, MD9	I/O	Two-way data bus with the SD-RAM
114	OVDD	-	Power supply terminal (+3.3V) (for I/O)
115	OVSS	-	Ground terminal (for I/O)
116 to 119	MD5, MD10, MD4, MD11	I/O	Two-way data bus with the SD-RAM
120	OVDD	-	Power supply terminal (+3.3V) (for I/O)
121	OVSS	-	Ground terminal (for I/O)
122 to 125	MD3, MD12, MD2, MD13	I/O	Two-way data bus with the SD-RAM
126	OVSS	-	Ground terminal (for I/O)
127	CVSS	-	Ground terminal (for core)
128	OVDD	-	Power supply terminal (+3.3V) (for I/O)
129 to 132	MD1, MD14, MD0, MD15	I/O	Two-way data bus with the SD-RAM
133	SLV	I	MPU interface slave address setting terminal Slave address setting: 0 x 72 when SLV is "0", 0 x 70 when SLV is "1"
134	RFFO	O	MPEG flag (repeat first field flag) output terminal Not used
135	SDA	I/O	I2C two-way data bus with the HDMI receiver, HDMI transmitter, HDMI controller, VIDEO A/D converter and video encoder
136	SCL	I	Serial data transfer clock signal input from the HDMI controller
137	SRN	I	System reset signal input from the HDMI controller "L": reset
138	OVSS	-	Ground terminal (for I/O)
139	CVDD	-	Power supply terminal (+2.5V) (for core)
140	PLL VDD	-	Power supply terminal (+2.5V) (for PLL)
141	VPDX	-	Not used

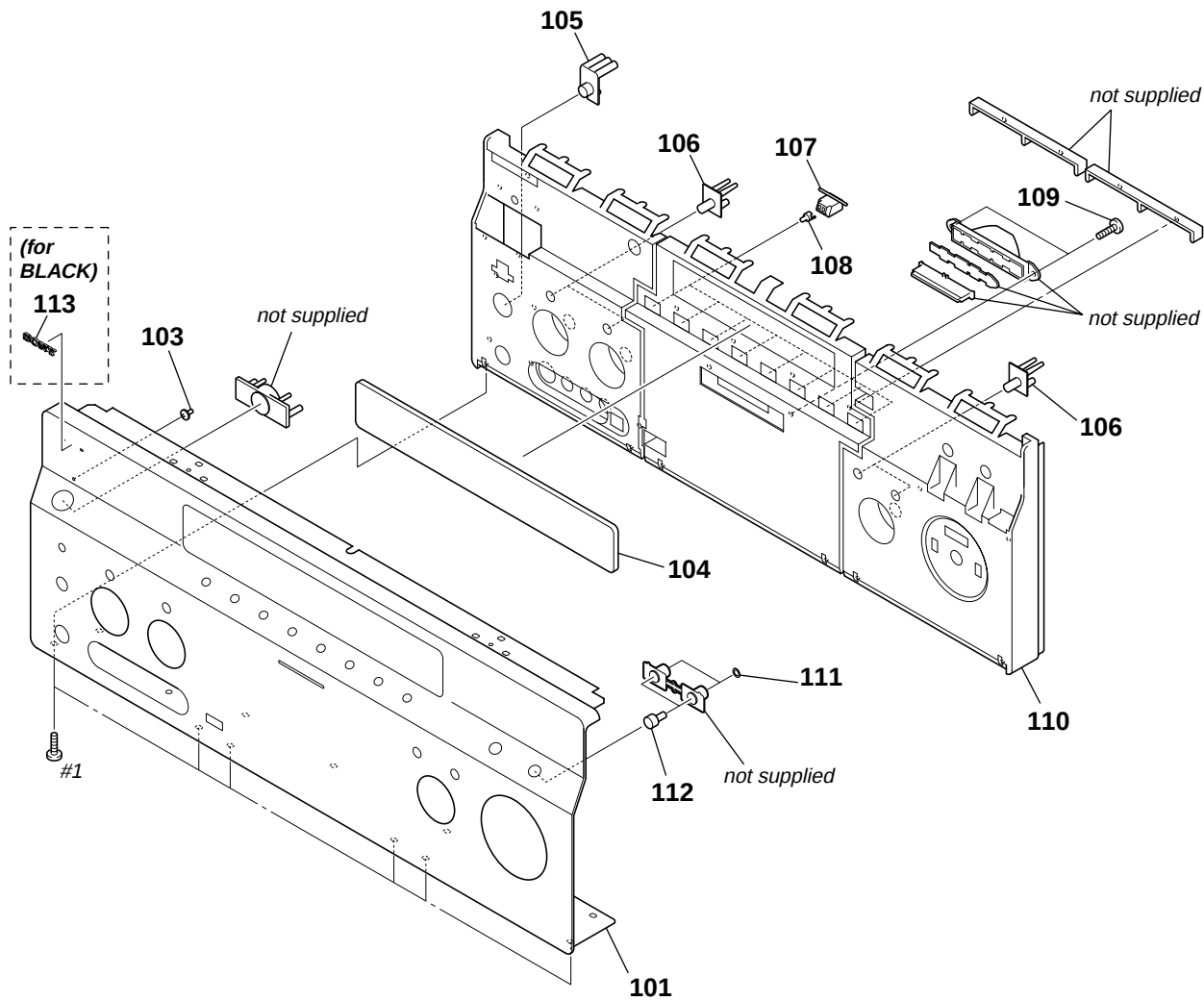
STR-DA3200ES/DG1000

Pin No.	Pin Name	I/O	Description
142	TEST6	I	Terminal for test Fixed at "L" in this set
143	PLL_GND	-	Ground terminal (for I/O)
144	IVDD	-	Power supply terminal (+3.3V) (for I/O)

XM BOARD IC3802 F2602E-01-TR (XM RECEIVER) (DA3200ES: US and Canadian models/DG1000)

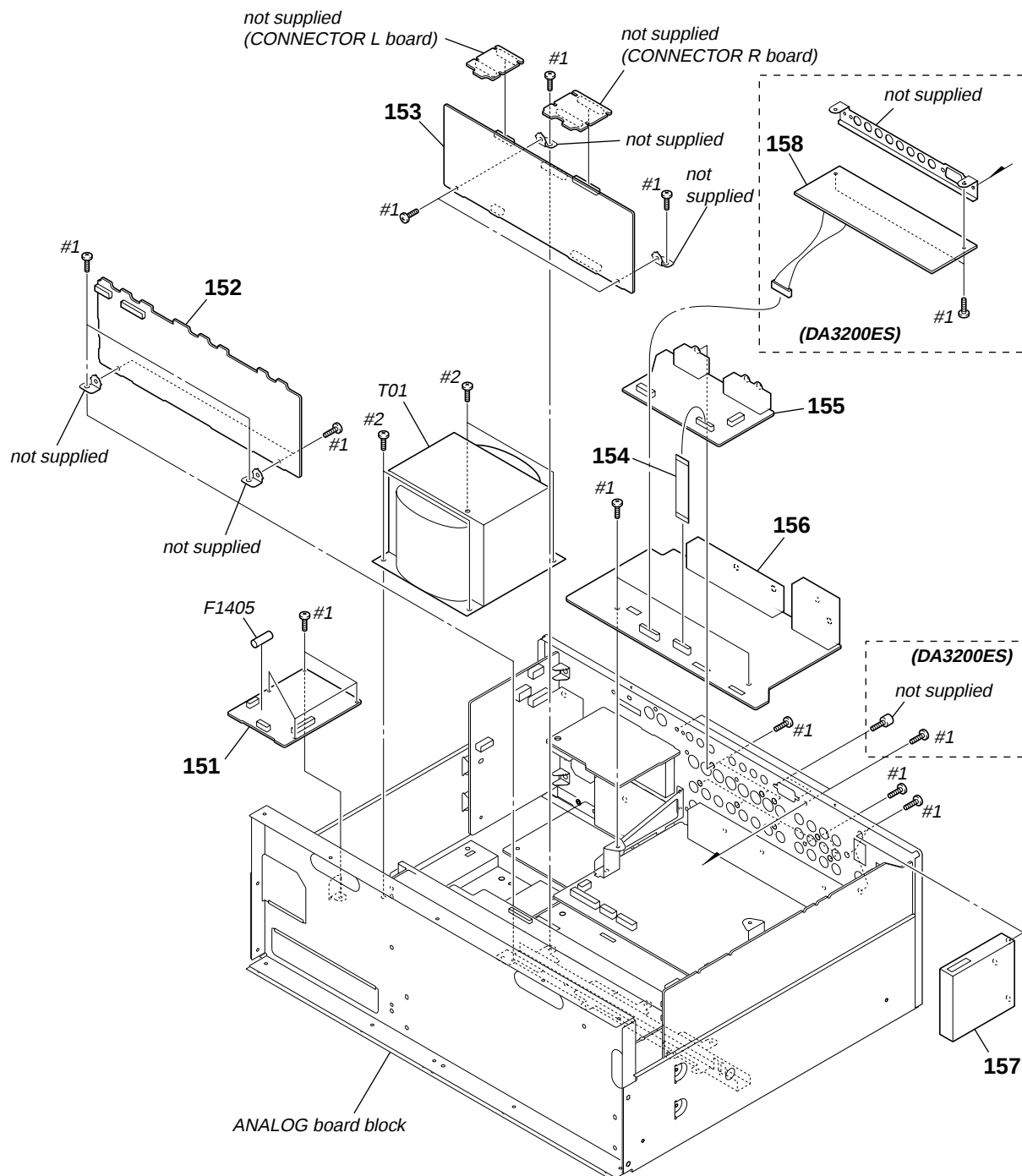
Pin No.	Pin Name	I/O	Description
1	LSOPTXRX	-	Not used
2	VSS	-	Ground terminal
3	SCTXOUT	O	Serial data output to the system controller
4	VDD	-	Power supply terminal (+3.3V)
5	SCRXIN	I	Serial data input from the system controller
6	VSS	-	Ground terminal
7	COMMSEL	I	Command mode select signal input from the system controller
8	VDD	-	Power supply terminal (+3.3V)
9	$\overline{\text{IRQ}}$	O	Interrupt request signal output to the system controller
10	VSS	-	Ground terminal
11	$\overline{\text{RESET}}$	I	Reset signal input from the system controller
12	SLAVESL	I	Master/slave mode setting terminal "L": Master mode, "H": Slave mode Fixed at "L" in this set
13	COMRXDIG	-	Not used
14	COMTXDIG	-	Not used
15	COMTXEN	-	Not used
16	VSS	-	Ground terminal
17	VDD	-	Power supply terminal (+3.3V)
18	COMRXP	I	XM receiver differential signal (positive) input terminal
19	COMRXM	I	XM receiver differential signal (negative) input terminal
20	VDD	-	Power supply terminal (+3.3V)
21	VSS	-	Ground terminal
22	COMTXM	O	XM transmitter differential signal (negative) output terminal
23	COMTXP	O	XM transmitter differential signal (positive) output terminal
24, 25	VSS	-	Ground terminal
26	OSCOUT	O	System clock output terminal (45.158 MHz)
27	VDD	-	Power supply terminal (+3.3V)
28	OSCIN	I	System clock input terminal (45.158 MHz)
29	VSS	-	Ground terminal
30	TEST	-	Not used
31	VSS	-	Ground terminal
32	HSDPDATA	-	Not used
33	VDD	-	Power supply terminal (+3.3V)
34	HSDPCLK	-	Not used
35	VSS	-	Ground terminal
36	HSDPEN	-	Not used
37	I2SDATA	O	I2S digital audio data output terminal
38	VSS	-	Ground terminal
39	I2SSCLK	O	I2S bit clock signal output terminal
40	VDD	-	Power supply terminal (+3.3V)
41	I2SLRCLK	O	I2S L/R sampling clock signal output terminal
42	VSS	-	Ground terminal
43	I2SOCLK	O	I2S over sample clock signal output terminal
44	VSS	-	Ground terminal
45	SAIICLK	-	Not used
46	VDD	-	Power supply terminal (+3.3V)
47	SAIIDATA	-	Not used
48	SAIEN	-	Not used

7-3. FRONT PANEL BLOCK



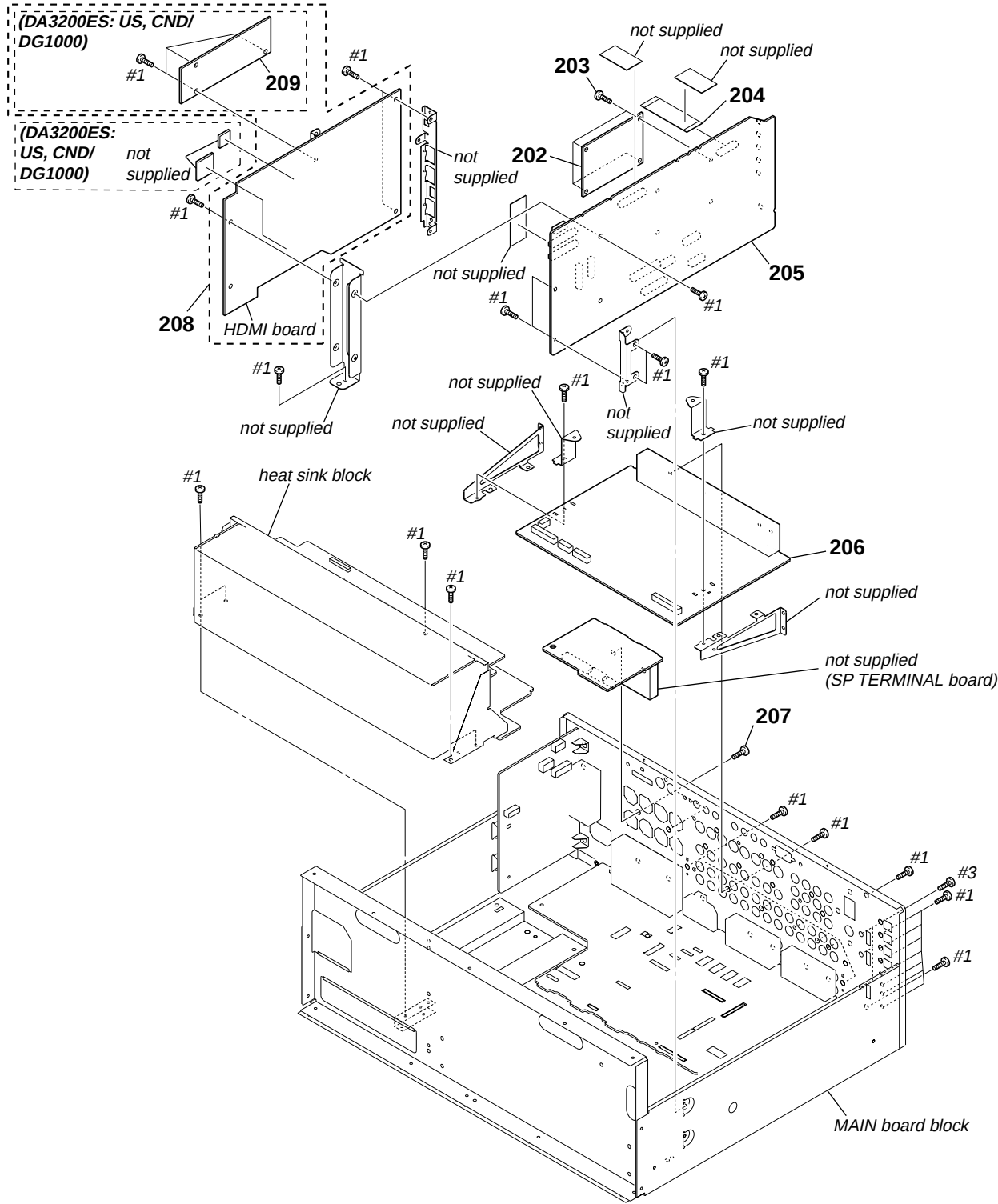
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	2-668-107-21	PANEL (A2), FRONT (BLACK) (DA3200ES: US, CND)		106	2-668-113-01	BUTTON (ZONE) (BLACK)	
101	2-668-107-31	PANEL (A2), FRONT (BLACK) (DA3200ES: AEP, UK)		106	2-668-113-11	BUTTON (ZONE) (SILVER)	
101	2-668-107-41	PANEL (A2), FRONT (SILVER) (DA3200ES: AEP, UK)		107	2-676-728-01	BUTTON (MUSIC-B)	
101	2-668-107-61	PANEL (A2), FRONT (SILVER) (DA3200ES: TW)		108	2-676-727-01	BUTTON (MUSIC-A)	
101	2-696-798-01	PANEL, FRONT (BLACK) (DG1000)		109	3-087-053-01	+BVTP2.6 (3CR)	
103	X-4950-462-1	LENS ASSY, LED		110	2-668-108-01	BASE, PANEL (A2) (BLACK)	
104	2-668-128-01	PLATE (A2), INDICATION (for BLACK)		110	2-668-108-11	BASE, PANEL (A2) (SILVER)	
104	2-668-128-11	PLATE (A2), INDICATION (for SILVER)		111	3-325-697-21	WASHER	
105	4-245-434-01	BUTTON (SP) (BLACK)		112	4-246-100-03	BUTTON (DIA. 7) (SILVER)	
105	4-245-434-41	BUTTON (SP) (SILVER)		112	4-246-100-23	BUTTON (DIA. 7) (BLACK)	
				113	4-942-568-41	EMBLEM (No.5), SONY	
				#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

7-4. VIDEO BOARD BLOCK



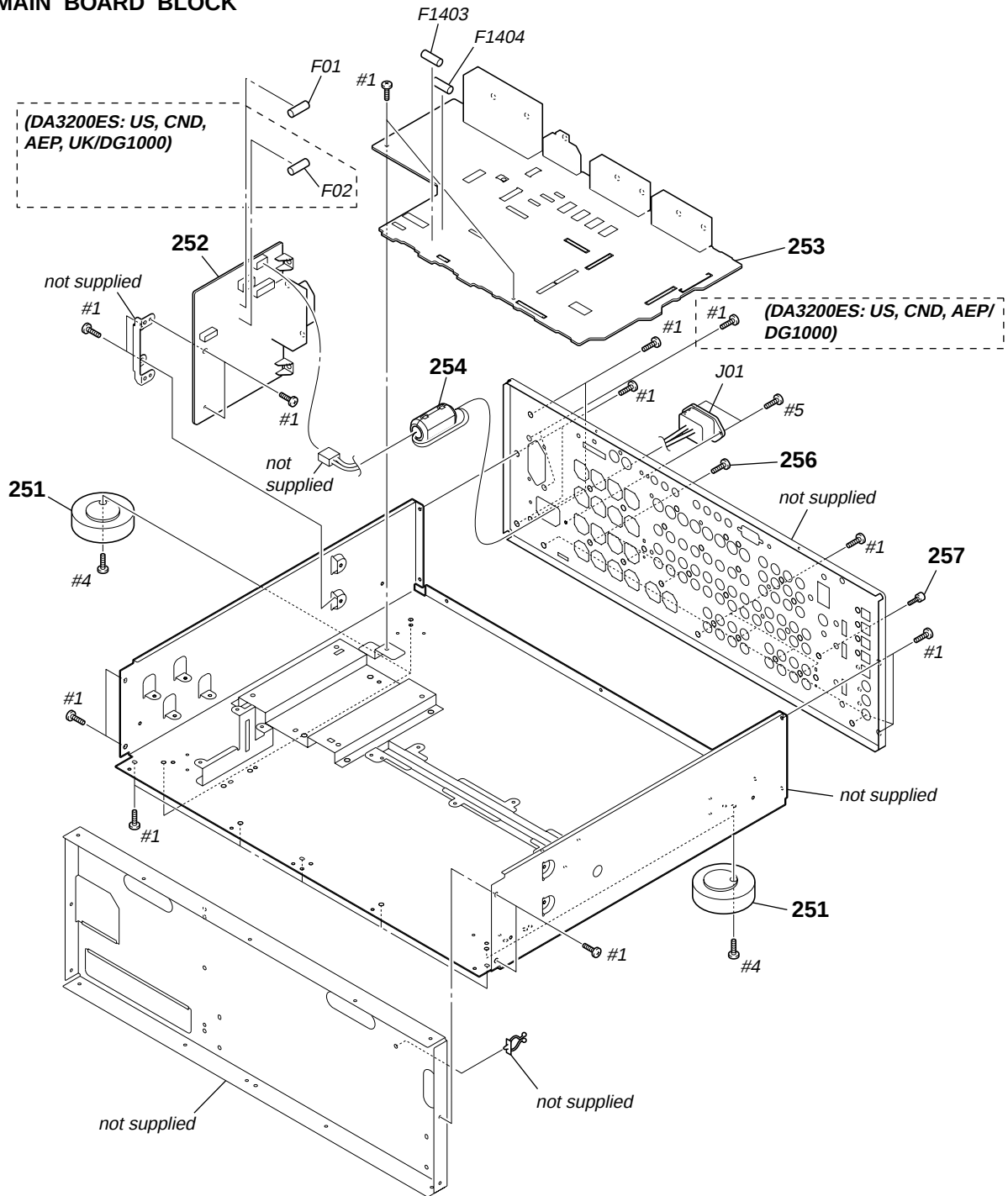
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
151	A-1221-148-A	DCDC-1 BOARD, COMPLETE		156	A-1202-211-A	VIDEO BOARD, COMPLETE (DG1000)	
152	A-1183-230-A	A CLASS AMP BOARD, COMPLETE (DA3200ES: AEP, UK)		157	1-693-654-11	TUNER (FM/AM) (DA3200ES: TW)	
152	A-1183-457-A	A CLASS AMP BOARD, COMPLETE (DA3200ES: US, CND/DG1000)		157	1-693-675-11	TUNER (DA3200ES: US, CND/DG1000)	
152	A-1217-507-A	A CLASS AMP BOARD, COMPLETE (DA3200ES: TW)		157	1-693-676-11	TUNER (DA3200ES: AEP, UK)	
153	A-1182-340-A	E-VOLUME BOARD, COMPLETE		158	A-1183-234-A	CIS BOARD, COMPLETE (DA3200ES)	
154	1-828-337-51	WIRE (FLAT TYPE) (15 CORE)		△F1405	1-532-506-33	FUSE (T6.3AL/250V)	
155	A-1183-246-A	S-VIDEO BOARD, COMPLETE		△T01	1-445-040-11	TRANSFORMER, POWER (DA3200ES: US, CND/DG1000)	
156	A-1183-238-A	VIDEO BOARD, COMPLETE (DA3200ES: AEP, UK)		△T01	1-445-041-11	TRANSFORMER, POWER (DA3200ES: AEP, UK)	
156	A-1183-465-A	VIDEO BOARD, COMPLETE (DA3200ES: US, CND, TW)		△T01	1-445-042-11	TRANSFORMER, POWER (DA3200ES: TW)	
				#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
				#2	7-685-881-09	SCREW +BVTT 4X8 (S)	

7-5. ANALOG BOARD BLOCK



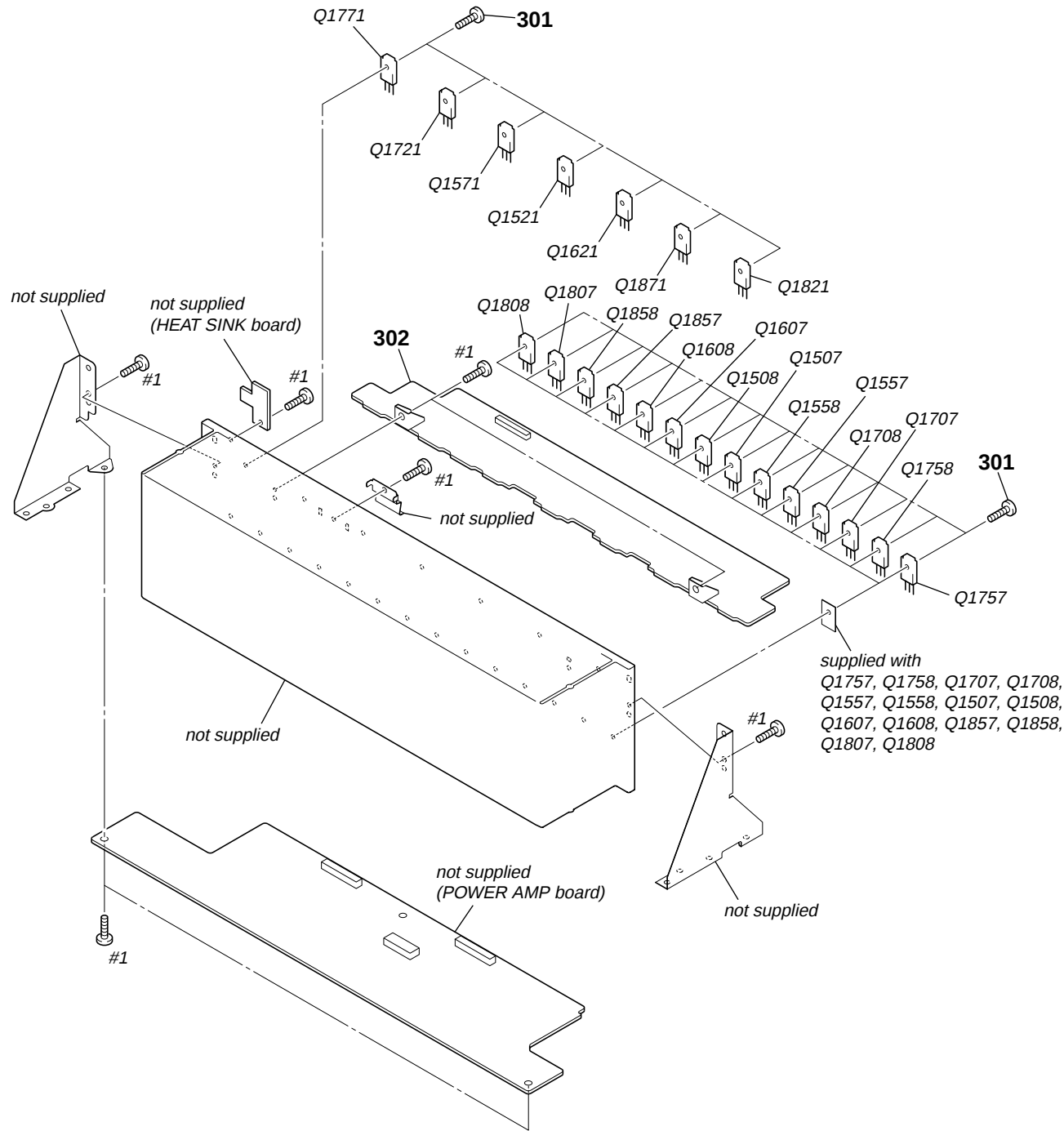
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
202	A-1182-351-A	DSP BOARD, COMPLETE		206	A-1183-461-A	ANALOG BOARD, COMPLETE (DA3200ES: US, CND/DG1000)	
203	3-087-053-01	+BVTP2.6 (3CR)		207	3-704-515-51	SCREW (BV/RING)	
204	1-828-964-51	WIRE (FLAT TYPE) (11 CORE) (DA3200ES: US, CND, TW/DG1000)		208	A-1212-138-A	HDMI BOARD, COMPLETE (for SERVICE) (DA3200ES: AEP, UK, TW)	
204	1-828-981-51	WIRE (FLAT TYPE) (15 CORE) (DA3200ES: AEP, UK)		208	A-1212-139-A	HDMI BOARD, COMPLETE (for SERVICE) (Including XM board) (DA3200ES: US, CND/ DG1000)	
205	A-1183-236-A	DIGITAL BOARD, COMPLETE (DA3200ES: AEP, UK)		209	A-1183-270-A	XM BOARD, COMPLETE (Included in HDMI board) (DA3200ES: US, CND/ DG1000)	
205	A-1183-464-A	DIGITAL BOARD, COMPLETE (DA3200ES: US, CND)		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
205	A-1183-644-A	DIGITAL BOARD, COMPLETE (DA3200ES: TW)		#3	7-682-547-04	SCREW +B 3X6	
205	A-1202-209-A	DIGITAL BOARD, COMPLETE (DG1000)					
206	A-1183-233-A	ANALOG BOARD, COMPLETE (DA3200ES: AEP, UK, TW)					

7-6. MAIN BOARD BLOCK



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
251	X-4955-348-1	FOOT ASSY		△ F01	1-533-949-33	FUSE, CYLINDRICAL (TIME LUG) (T8AL/250V) (DA3200ES: TW)	
252	A-1182-298-A	AC BOARD, COMPLETE (DA3200ES: AEP)		△ F02	1-532-464-33	FUSE (T2.5AL/250V) (DA3200ES: AEP)	
252	A-1183-456-A	AC BOARD, COMPLETE (DA3200ES: US, CND/DG1000)		△ F02	1-533-420-12	FUSE, GLASS CYLINDRICAL(DIA.5) (5A/125V) (DA3200ES: US, CND/DG1000)	
252	A-1183-637-A	AC BOARD, COMPLETE (DA3200ES: TW)		△ F1403	1-532-504-33	FUSE (T4AL/250V)	
252	A-1197-514-A	AC BOARD, COMPLETE (DA3200ES: UK)		△ F1404	1-532-504-33	FUSE (T4AL/250V)	
253	A-1183-224-A	MAIN BOARD, COMPLETE (DA3200ES: AEP, UK)		△ J01	1-820-651-11	INLET, AC 2P (~AC IN)	
253	A-1183-450-A	MAIN BOARD, COMPLETE (DA3200ES: US, CND, TW/DG1000)		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
254	1-500-824-11	FERRITE CORE		#4	7-685-885-09	SCREW +BVTT 4X16 (S)	
256	3-704-515-51	SCREW (BV/RING)		#5	2-580-644-01	SCREW, +KTP2 3X8 (DG1000)	
257	4-947-010-01	SCREW, FEEDER FIXED		#5	7-685-246-19	SCREW +KTP 3X8 TYPE2 NON-SLIT (DA3200ES)	
△ F01	1-532-504-33	FUSE (T4AL/250V) (DA3200ES: AEP, UK)					
△ F01	1-533-311-12	FUSE, GLASS CYLINDRICAL (DIA.5) (8A/125V) (DA3200ES: US, CND/DG1000)					

7-7. HEAT SINK BLOCK



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
301	3-905-609-13	SCREW (TRANSISTOR)		Q1707	8-729-051-92	TRANSISTOR	2SD2560
302	A-1183-225-A	BIAS BOARD, COMPLETE (DA3200ES: AEP, UK)		Q1708	8-729-051-93	TRANSISTOR	2SB1647
302	A-1183-451-A	BIAS BOARD, COMPLETE		Q1721	8-729-026-08	TRANSISTOR	2SC4495
		(DA3200ES: US, CND, TW/DG1000)		Q1757	8-729-051-92	TRANSISTOR	2SD2560
Q1507	8-729-051-92	TRANSISTOR	2SD2560	Q1758	8-729-051-93	TRANSISTOR	2SB1647
Q1508	8-729-051-93	TRANSISTOR	2SB1647	Q1771	8-729-026-08	TRANSISTOR	2SC4495
Q1521	8-729-026-08	TRANSISTOR	2SC4495	Q1807	8-729-051-92	TRANSISTOR	2SD2560
Q1557	8-729-051-92	TRANSISTOR	2SD2560	Q1808	8-729-051-93	TRANSISTOR	2SB1647
Q1558	8-729-051-93	TRANSISTOR	2SB1647	Q1821	8-729-026-08	TRANSISTOR	2SC4495
Q1571	8-729-026-08	TRANSISTOR	2SC4495	Q1857	8-729-051-92	TRANSISTOR	2SD2560
Q1607	8-729-051-92	TRANSISTOR	2SD2560	Q1858	8-729-051-93	TRANSISTOR	2SB1647
Q1608	8-729-051-93	TRANSISTOR	2SB1647	Q1871	8-729-026-08	TRANSISTOR	2SC4495
Q1621	8-729-026-08	TRANSISTOR	2SC4495	#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

SECTION 8 ELECTRICAL PARTS LIST

A CLASS AMP

NOTE:

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

- RESISTORS
All resistors are in ohms.
METAL: Metal-film resistor.
METAL OXIDE: Metal oxide-film resistor.
F: nonflammable
- SEMICONDUCTORS
In each case, u: μ , for example:
uA... : μ A... uPA... : μ PA...
uPB... : μ PB... uPC... : μ PC...
uPD... : μ PD...
- Abbreviation
CND : Canadian model
TW : Taiwan model

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

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 $\square$ contain confidential information. Strictly follow the instructions whenever the components are repaired and/or replaced.Les composants identifiés par la marque $\square$ 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			
	A-1183-230-A	A CLASS AMP BOARD, COMPLETE (DA3200ES: AEP, UK)					C1705	1-112-090-11	ELECT	100uF	20%	25V	
	A-1183-457-A	A CLASS AMP BOARD, COMPLETE (DA3200ES: US, CND/DG1000)					C1707	1-107-587-11	CERAMIC	7PF	0.5PF	500V	
	A-1217-507-A	A CLASS AMP BOARD, COMPLETE (DA3200ES: TW)					C1708	1-112-421-11	ELECT	330uF	20%	25V	
*****							C1710	1-112-416-11	ELECT	220uF	20%	16V	
							C1711	1-107-585-11	CERAMIC	5PF	0.25PF	500V	
							C1715	1-107-585-11	CERAMIC	5PF	0.25PF	500V	
< CAPACITOR >							C1751	1-112-099-11	ELECT	4.7uF	20%	50V	
						C1752	1-128-809-11	CERAMIC	100PF	5%	50V		
C1501	1-112-099-11	ELECT	4.7uF	20%	50V	C1753	1-137-503-11	FILM	100PF	5%	100V		
C1502	1-128-809-11	CERAMIC	100PF	5%	50V	C1754	1-136-357-11	FILM	680PF	5%	100V		
C1503	1-137-503-11	FILM	100PF	5%	100V	C1755	1-112-090-11	ELECT	100uF	20%	25V		
C1504	1-136-357-11	FILM	680PF	5%	100V								
C1505	1-112-090-11	ELECT	100uF	20%	25V	C1757	1-107-587-11	CERAMIC	7PF	0.5PF	500V		
						C1758	1-112-421-11	ELECT	330uF	20%	25V		
C1507	1-107-587-11	CERAMIC	7PF	0.5PF	500V	C1760	1-112-416-11	ELECT	220uF	20%	16V		
C1508	1-112-421-11	ELECT	330uF	20%	25V	C1761	1-107-585-11	CERAMIC	5PF	0.25PF	500V		
C1510	1-112-416-11	ELECT	220uF	20%	16V	C1765	1-107-585-11	CERAMIC	5PF	0.25PF	500V		
C1511	1-107-585-11	CERAMIC	5PF	0.25PF	500V								
C1515	1-107-585-11	CERAMIC	5PF	0.25PF	500V	C1801	1-112-099-11	ELECT	4.7uF	20%	50V		
						C1802	1-128-809-11	CERAMIC	100PF	5%	50V		
C1551	1-112-099-11	ELECT	4.7uF	20%	50V	C1803	1-137-503-11	FILM	100PF	5%	100V		
C1552	1-128-809-11	CERAMIC	100PF	5%	50V	C1804	1-136-357-11	FILM	680PF	5%	100V		
C1553	1-137-503-11	FILM	100PF	5%	100V	C1805	1-112-090-11	ELECT	100uF	20%	25V		
C1554	1-136-357-11	FILM	680PF	5%	100V								
C1555	1-112-090-11	ELECT	100uF	20%	25V	C1807	1-107-587-11	CERAMIC	7PF	0.5PF	500V		
						C1808	1-112-421-11	ELECT	330uF	20%	25V		
C1557	1-107-587-11	CERAMIC	7PF	0.5PF	500V	C1810	1-112-416-11	ELECT	220uF	20%	16V		
C1558	1-112-421-11	ELECT	330uF	20%	25V	C1811	1-107-585-11	CERAMIC	5PF	0.25PF	500V		
C1560	1-112-416-11	ELECT	220uF	20%	16V	C1815	1-107-585-11	CERAMIC	5PF	0.25PF	500V		
C1561	1-107-585-11	CERAMIC	5PF	0.25PF	500V								
C1565	1-107-585-11	CERAMIC	5PF	0.25PF	500V	C1851	1-112-099-11	ELECT	4.7uF	20%	50V		
						C1852	1-128-809-11	CERAMIC	100PF	5%	50V		
C1601	1-112-099-11	ELECT	4.7uF	20%	50V	C1853	1-137-503-11	FILM	100PF	5%	100V		
C1602	1-128-809-11	CERAMIC	100PF	5%	50V	C1854	1-136-357-11	FILM	680PF	5%	100V		
C1603	1-137-503-11	FILM	100PF	5%	100V	C1855	1-112-090-11	ELECT	100uF	20%	25V		
C1604	1-136-357-11	FILM	680PF	5%	100V								
C1605	1-112-090-11	ELECT	100uF	20%	25V	C1857	1-107-587-11	CERAMIC	7PF	0.5PF	500V		
						C1858	1-112-421-11	ELECT	330uF	20%	25V		
C1607	1-107-587-11	CERAMIC	7PF	0.5PF	500V	C1860	1-112-416-11	ELECT	220uF	20%	16V		
C1608	1-112-421-11	ELECT	330uF	20%	25V	C1861	1-107-585-11	CERAMIC	5PF	0.25PF	500V		
C1610	1-112-416-11	ELECT	220uF	20%	16V	C1865	1-107-585-11	CERAMIC	5PF	0.25PF	500V		
C1611	1-107-585-11	CERAMIC	5PF	0.25PF	500V								
C1615	1-107-585-11	CERAMIC	5PF	0.25PF	500V	C1901	1-112-109-11	ELECT	22uF	20%	100V		
						C1902	1-112-109-11	ELECT	22uF	20%	100V		
C1701	1-112-099-11	ELECT	4.7uF	20%	50V	C1911	1-127-888-11	CERAMIC	0.1uF	10%	50V		
C1702	1-128-809-11	CERAMIC	100PF	5%	50V	C1912	1-127-888-11	CERAMIC	0.1uF	10%	50V		
C1703	1-137-503-11	FILM	100PF	5%	100V								
C1704	1-136-357-11	FILM	680PF	5%	100V								

STR-DA3200ES/DG1000

A CLASS AMP

Ref. No.	Part No.	Description	Remark
< CONNECTOR >			
CNP1901	1-784-925-11	PIN, CONNECTOR 10P	
CNP1902	1-779-977-11	PIN, CONNECTOR 6P	
CNS1501	1-764-864-41	CONNECTOR, BOARD TO BOARD 12P	
CNS1502	1-784-041-41	CONNECTOR, BOARD TO BOARD 9P	
CNS1903	1-764-864-41	CONNECTOR, BOARD TO BOARD 12P	
CNS1904	1-764-864-41	CONNECTOR, BOARD TO BOARD 12P	
< DIODE >			
D1501	8-719-109-93	DIODE RD6.2ESB2	
D1551	8-719-109-93	DIODE RD6.2ESB2	
D1601	8-719-109-93	DIODE RD6.2ESB2	
D1701	8-719-109-93	DIODE RD6.2ESB2	
D1751	8-719-109-93	DIODE RD6.2ESB2	
D1801	8-719-109-93	DIODE RD6.2ESB2	
D1851	8-719-109-93	DIODE RD6.2ESB2	
D1901	8-719-991-33	DIODE 1SS133T-77	
D1902	8-719-991-33	DIODE 1SS133T-77	
D1903	8-719-991-33	DIODE 1SS133T-77	
D1907	8-719-991-33	DIODE 1SS133T-77	
< IC >			
IC1902	8-759-167-88	IC NJM4565D	
IC1904	8-759-239-14	IC TA78L05S	
< TRANSISTOR >			
Q1501	8-729-045-15	TRANSISTOR 2SC5169-FG	
Q1502	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q1503	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q1504	8-729-021-73	TRANSISTOR 2SC2229-OY	
Q1505	8-729-021-74	TRANSISTOR 2SA949-OY	
Q1551	8-729-045-15	TRANSISTOR 2SC5169-FG	
Q1552	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q1553	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q1554	8-729-021-73	TRANSISTOR 2SC2229-OY	
Q1555	8-729-021-74	TRANSISTOR 2SA949-OY	
Q1601	8-729-045-15	TRANSISTOR 2SC5169-FG	
Q1602	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q1603	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q1604	8-729-021-73	TRANSISTOR 2SC2229-OY	
Q1605	8-729-021-74	TRANSISTOR 2SA949-OY	
Q1701	8-729-045-15	TRANSISTOR 2SC5169-FG	
Q1702	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q1703	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q1704	8-729-021-73	TRANSISTOR 2SC2229-OY	
Q1705	8-729-021-74	TRANSISTOR 2SA949-OY	
Q1751	8-729-045-15	TRANSISTOR 2SC5169-FG	
Q1752	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q1753	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q1754	8-729-021-73	TRANSISTOR 2SC2229-OY	
Q1755	8-729-021-74	TRANSISTOR 2SA949-OY	
Q1801	8-729-045-15	TRANSISTOR 2SC5169-FG	
Q1802	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q1803	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q1804	8-729-021-73	TRANSISTOR 2SC2229-OY	
Q1805	8-729-021-74	TRANSISTOR 2SA949-OY	

Ref. No.	Part No.	Description	Remark
Q1851	8-729-045-15	TRANSISTOR 2SC5169-FG	
Q1852	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q1853	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q1854	8-729-021-73	TRANSISTOR 2SC2229-OY	
Q1855	8-729-021-74	TRANSISTOR 2SA949-OY	
Q1901	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
Q1902	8-729-140-96	TRANSISTOR 2SD774-34	
Q1903	8-729-140-96	TRANSISTOR 2SD774-34	
Q1910	8-729-029-94	TRANSISTOR DTC143TSA	
Q1911	8-729-029-86	TRANSISTOR DTC124ESA	
Q1912	8-729-029-86	TRANSISTOR DTC124ESA	
Q1913	8-729-029-86	TRANSISTOR DTC124ESA	
< RESISTOR >			
R1501	1-259-428-61	CARBON 1K 5% 1/6W	
R1502	1-259-476-61	CARBON 100K 5% 1/6W	
△R1503	1-249-409-11	CARBON 220 5% 1/4W F	
△R1504	1-249-409-11	CARBON 220 5% 1/4W F	
R1505	1-259-410-61	CARBON 180 5% 1/6W	
R1506	1-259-440-61	CARBON 3.3K 5% 1/6W	
R1507	1-259-436-61	CARBON 2.2K 5% 1/6W	
R1509	1-260-116-11	CARBON 27K 5% 1/2W	
△R1511	1-249-405-11	CARBON 100 5% 1/4W F	
R1512	1-247-764-11	CARBON 10K 5% 1/2W	
R1513	1-247-759-11	CARBON 3.9K 5% 1/2W	
R1514	1-249-496-11	CARBON 100K 5% 1/2W	
R1549	1-259-476-61	CARBON 100K 5% 1/6W	
R1551	1-259-428-61	CARBON 1K 5% 1/6W	
R1552	1-259-476-61	CARBON 100K 5% 1/6W	
△R1553	1-249-409-11	CARBON 220 5% 1/4W F	
△R1554	1-249-409-11	CARBON 220 5% 1/4W F	
R1555	1-259-410-61	CARBON 180 5% 1/6W	
R1556	1-259-440-61	CARBON 3.3K 5% 1/6W	
R1557	1-259-436-61	CARBON 2.2K 5% 1/6W	
R1559	1-260-116-11	CARBON 27K 5% 1/2W	
△R1561	1-249-405-11	CARBON 100 5% 1/4W F	
R1562	1-247-764-11	CARBON 10K 5% 1/2W	
R1563	1-247-759-11	CARBON 3.9K 5% 1/2W	
R1564	1-249-496-11	CARBON 100K 5% 1/2W	
R1601	1-259-428-61	CARBON 1K 5% 1/6W	
R1602	1-259-476-61	CARBON 100K 5% 1/6W	
△R1603	1-249-409-11	CARBON 220 5% 1/4W F	
△R1604	1-249-409-11	CARBON 220 5% 1/4W F	
R1605	1-259-410-61	CARBON 180 5% 1/6W	
R1606	1-259-440-61	CARBON 3.3K 5% 1/6W	
R1607	1-259-436-61	CARBON 2.2K 5% 1/6W	
R1609	1-260-116-11	CARBON 27K 5% 1/2W	
△R1611	1-249-405-11	CARBON 100 5% 1/4W F	
R1612	1-247-764-11	CARBON 10K 5% 1/2W	
R1613	1-247-759-11	CARBON 3.9K 5% 1/2W	
R1614	1-249-496-11	CARBON 100K 5% 1/2W	
R1701	1-259-428-61	CARBON 1K 5% 1/6W	
R1702	1-259-476-61	CARBON 100K 5% 1/6W	
△R1703	1-249-409-11	CARBON 220 5% 1/4W F	
△R1704	1-249-409-11	CARBON 220 5% 1/4W F	
R1705	1-259-410-61	CARBON 180 5% 1/6W	
R1706	1-259-440-61	CARBON 3.3K 5% 1/6W	
R1707	1-259-436-61	CARBON 2.2K 5% 1/6W	

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R1709	1-260-116-11	CARBON	27K	5%	1/2W	R1921	1-247-862-11	CARBON	20K	5%	1/4W
						R1922	1-259-440-61	CARBON	3.3K	5%	1/6W
△ R1711	1-249-405-11	CARBON	100	5%	1/4W F						
R1712	1-247-764-11	CARBON	10K	5%	1/2W	R1924	1-249-429-11	CARBON	10K	5%	1/4W
R1713	1-247-759-11	CARBON	3.9K	5%	1/2W	R1925	1-247-864-11	CARBON	24K	5%	1/4W
R1714	1-249-496-11	CARBON	100K	5%	1/2W	R1927	1-249-429-11	CARBON	10K	5%	1/4W
R1751	1-259-428-61	CARBON	1K	5%	1/6W	R1931	1-249-417-11	CARBON	1K	5%	1/4W
						R1932	1-249-429-11	CARBON	10K	5%	1/4W
R1752	1-259-476-61	CARBON	100K	5%	1/6W	*****					
△ R1753	1-249-409-11	CARBON	220	5%	1/4W F						
△ R1754	1-249-409-11	CARBON	220	5%	1/4W F	A-1182-298-A	AC BOARD, COMPLETE (DA3200ES: AEP)				
R1755	1-259-410-61	CARBON	180	5%	1/6W	A-1183-456-A	AC BOARD, COMPLETE				
R1756	1-259-440-61	CARBON	3.3K	5%	1/6W		(DA3200ES: US, CND/DG1000)				
						A-1183-637-A	AC BOARD, COMPLETE (DA3200ES: TW)				
R1757	1-259-436-61	CARBON	2.2K	5%	1/6W	A-1197-514-A	AC BOARD, COMPLETE (DA3200ES: UK)				
R1759	1-260-116-11	CARBON	27K	5%	1/2W		*****				
△ R1761	1-249-405-11	CARBON	100	5%	1/4W F						
R1762	1-247-764-11	CARBON	10K	5%	1/2W	7-685-645-79	SCREW +BVTP 3X6 TYPE2 IT-3				
R1763	1-247-759-11	CARBON	3.9K	5%	1/2W		(DA3200ES: AEP, UK, TW)				
							< CAPACITOR >				
R1764	1-249-496-11	CARBON	100K	5%	1/2W						
R1801	1-259-428-61	CARBON	1K	5%	1/6W	C51	1-126-964-11	ELECT	10uF	20%	50V
R1802	1-259-476-61	CARBON	100K	5%	1/6W	C52	1-112-093-11	ELECT	2200uF	20%	25V
△ R1803	1-249-409-11	CARBON	220	5%	1/4W F	C53	1-112-093-11	ELECT	2200uF	20%	25V
△ R1804	1-249-409-11	CARBON	220	5%	1/4W F	C54	1-128-817-11	CERAMIC	470PF	5%	50V
						C55	1-136-287-11	FILM	0.0047uF	5%	100V
R1805	1-259-410-61	CARBON	180	5%	1/6W						
R1806	1-259-440-61	CARBON	3.3K	5%	1/6W	C56	1-137-465-11	MYLAR	0.056uF	5%	100V
R1807	1-259-436-61	CARBON	2.2K	5%	1/6W	C57	1-112-422-11	ELECT	470uF	20%	25V
R1809	1-260-116-11	CARBON	27K	5%	1/2W	C58	1-127-888-11	CERAMIC	0.1uF	10%	50V
△ R1811	1-249-405-11	CARBON	100	5%	1/4W F	△ C59	1-113-925-11	CERAMIC	0.01uF	20%	250V
							< CONNECTOR >				
R1812	1-247-764-11	CARBON	10K	5%	1/2W						
R1813	1-247-759-11	CARBON	3.9K	5%	1/2W	* CNP02	1-564-687-11	PIN, CONNECTOR (3.96mm PITCH) 3P			
R1814	1-249-496-11	CARBON	100K	5%	1/2W	CNP51	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P			
R1851	1-259-428-61	CARBON	1K	5%	1/6W	* CNP53	1-580-230-11	PIN, CONNECTOR (PC BOARD) 2P			
R1852	1-259-476-61	CARBON	100K	5%	1/6W	CNP54	1-784-922-11	PIN, CONNECTOR 5P			
△ R1853	1-249-409-11	CARBON	220	5%	1/4W F						
△ R1854	1-249-409-11	CARBON	220	5%	1/4W F						
R1855	1-259-410-61	CARBON	180	5%	1/6W		< DIODE >				
R1856	1-259-440-61	CARBON	3.3K	5%	1/6W						
R1857	1-259-436-61	CARBON	2.2K	5%	1/6W	D51	6-500-522-11	DIODE 10EDB40-TA2B5			
						D52	8-719-210-21	DIODE 11EQS04			
R1859	1-260-116-11	CARBON	27K	5%	1/2W	D53	8-719-210-21	DIODE 11EQS04			
△ R1861	1-249-405-11	CARBON	100	5%	1/4W F	D54	8-719-210-21	DIODE 11EQS04			
R1862	1-247-764-11	CARBON	10K	5%	1/2W	D55	8-719-210-21	DIODE 11EQS04			
R1863	1-247-759-11	CARBON	3.9K	5%	1/2W						
R1864	1-249-496-11	CARBON	100K	5%	1/2W	D56	8-719-991-33	DIODE 1SS133T-77			
						D57	8-719-991-33	DIODE 1SS133T-77			
R1901	1-259-460-61	CARBON	22K	5%	1/6W	D58	8-719-991-33	DIODE 1SS133T-77			
R1902	1-259-460-61	CARBON	22K	5%	1/6W	D61	8-719-109-93	DIODE RD6.2ESB2			
△ R1903	1-249-393-11	CARBON	10	5%	1/4W F						
R1904	1-259-460-61	CARBON	22K	5%	1/6W		< EARTH TERMINAL >				
△ R1905	1-215-865-81	METAL OXIDE	220	5%	1W F	* EB51	1-537-738-21	TERMINAL, EARTH			
			(DA3200ES: US, CND/DG1000)								
△ R1905	1-215-891-11	METAL OXIDE	680	5%	2W F		< FUSE HOLDER >				
			(DA3200ES: AEP, UK, TW)								
R1906	1-259-460-61	CARBON	22K	5%	1/6W	FH01	1-533-313-11	FUSE HOLDER			
R1907	1-259-476-61	CARBON	100K	5%	1/6W	FH02	1-533-313-11	FUSE HOLDER			
△ R1908	1-215-863-11	METAL OXIDE	100	5%	1W F	FH03	1-533-313-11	FUSE HOLDER			
			(DA3200ES: US, CND/DG1000)								
△ R1908	1-216-453-00	METAL OXIDE	270	5%	2W F	FH04	1-533-313-11	FUSE HOLDER			
			(DA3200ES: AEP, UK, TW)								
R1909	1-249-435-11	CARBON	33K	5%	1/4W						
R1910	1-247-891-00	CARBON	330K	5%	1/4W						
R1920	1-249-417-11	CARBON	1K	5%	1/4W						

STR-DA3200ES/DG1000

AC ANALOG

Ref. No.	Part No.	Description	Remark
< IC >			
IC51	6-703-547-01	IC TA7805LS (DA3200ES: AEP, UK)	
IC51	8-759-450-47	IC BA05T (DA3200ES: US, CND, TW/DG1000)	
< JACK >			
△J02	1-251-718-11	OUTLET (2 GANG), AC (AC OUTLET) (DA3200ES: US, CND/DG1000)	
△J02	1-785-285-11	OUTLET, AC (1P) (AC OUTLET) (DA3200ES: AEP)	
< TRANSISTOR >			
Q51	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q52	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q53	8-729-029-86	TRANSISTOR DTC124ESA	
Q54	8-729-140-97	TRANSISTOR 2SB734-34	
Q55	8-729-029-86	TRANSISTOR DTC124ESA	
< RESISTOR >			
△R01	1-219-237-91	SOLID 3.3M 20% 1/2W F (DA3200ES: US, CND/DG1000)	
R51	1-249-429-11	CARBON 10K 5% 1/4W	
R52	1-249-427-11	CARBON 6.8K 5% 1/4W	
R53	1-247-863-11	CARBON 22K 5% 1/4W	
R54	1-249-421-11	CARBON 2.2K 5% 1/4W	
R55	1-249-429-11	CARBON 10K 5% 1/4W	
R58	1-247-843-11	CARBON 3.3K 5% 1/4W	
R59	1-249-429-11	CARBON 10K 5% 1/4W	
△R60	1-249-389-11	CARBON 4.7 5% 1/4W F	
R61	1-249-415-11	CARBON 680 5% 1/4W	
< RELAY >			
△RY01	1-755-266-11	RELAY, AC POWER	
< TRANSFORMER >			
△T02	1-435-162-21	TRANSFORMER, POWER (DA3200ES: US, CND/DG1000)	
△T02	1-435-163-21	TRANSFORMER, POWER (DA3200ES: AEP, UK)	
△T02	1-437-477-12	TRANSFORMER, POWER (DA3200ES: TW)	

A-1183-233-A		ANALOG BOARD, COMPLETE (DA3200ES: AEP, UK, TW)	
A-1183-461-A		ANALOG BOARD, COMPLETE (DA3200ES: US, CND/DG1000)	

< CAPACITOR >			
C411	1-163-139-00	CERAMIC CHIP 820PF 5% 50V	
C412	1-163-251-11	CERAMIC CHIP 100PF 5% 50V (DA3200ES: US, CND/DG1000)	
C412	1-163-139-00	CERAMIC CHIP 820PF 5% 50V (DA3200ES: AEP, UK, TW)	
C413	1-163-139-00	CERAMIC CHIP 820PF 5% 50V	
C414	1-163-251-11	CERAMIC CHIP 100PF 5% 50V (DA3200ES: US, CND/DG1000)	
C414	1-163-139-00	CERAMIC CHIP 820PF 5% 50V (DA3200ES: AEP, UK, TW)	
C415	1-163-139-00	CERAMIC CHIP 820PF 5% 50V	
C416	1-163-139-00	CERAMIC CHIP 820PF 5% 50V	
C417	1-163-139-00	CERAMIC CHIP 820PF 5% 50V	

Ref. No.	Part No.	Description	Remark
C418	1-163-251-11	CERAMIC CHIP 100PF 5% 50V (DA3200ES: US, CND/DG1000)	
C418	1-163-139-00	CERAMIC CHIP 820PF 5% 50V (DA3200ES: AEP, UK, TW)	
C419	1-163-139-00	CERAMIC CHIP 820PF 5% 50V	
C420	1-163-251-11	CERAMIC CHIP 100PF 5% 50V (DA3200ES: US, CND/DG1000)	
C420	1-163-139-00	CERAMIC CHIP 820PF 5% 50V (DA3200ES: AEP, UK, TW)	
C421	1-163-139-00	CERAMIC CHIP 820PF 5% 50V	
C431	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
C432	1-163-125-00	CERAMIC CHIP 220PF 5% 50V	
C433	1-126-961-11	ELECT 2.2uF 20% 50V	
C434	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
C435	1-126-935-11	ELECT 470uF 20% 16V	
C436	1-125-896-91	MYLAR 0.0091uF 5% 50V	
C437	1-136-159-00	MYLAR 0.033uF 5% 50V	
C438	1-126-961-11	ELECT 2.2uF 20% 50V	
C441	1-126-965-11	ELECT 22uF 20% 50V	
C446	1-126-965-11	ELECT 22uF 20% 50V	
C451	1-126-965-11	ELECT 22uF 20% 50V	
C452	1-126-961-11	ELECT 2.2uF 20% 50V	
C482	1-163-125-00	CERAMIC CHIP 220PF 5% 50V (DA3200ES: AEP, UK, TW)	
C483	1-163-125-00	CERAMIC CHIP 220PF 5% 50V (DA3200ES: AEP, UK, TW)	
C485	1-164-161-11	CERAMIC CHIP 0.0022uF 10% 50V	
C486	1-164-161-11	CERAMIC CHIP 0.0022uF 10% 50V	
C487	1-164-004-11	CERAMIC CHIP 0.1uF 10% 25V	
C488	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
C497	1-112-089-11	ELECT 47uF 20% 25V	
C498	1-112-089-11	ELECT 47uF 20% 25V	
C499	1-112-089-11	ELECT 47uF 20% 25V	
C511	1-163-139-00	CERAMIC CHIP 820PF 5% 50V	
C512	1-163-251-11	CERAMIC CHIP 100PF 5% 50V (DA3200ES: US, CND/DG1000)	
C512	1-163-139-00	CERAMIC CHIP 820PF 5% 50V (DA3200ES: AEP, UK, TW)	
C513	1-163-139-00	CERAMIC CHIP 820PF 5% 50V	
C514	1-163-251-11	CERAMIC CHIP 100PF 5% 50V (DA3200ES: US, CND/DG1000)	
C514	1-163-139-00	CERAMIC CHIP 820PF 5% 50V (DA3200ES: AEP, UK, TW)	
C515	1-163-139-00	CERAMIC CHIP 820PF 5% 50V	
C516	1-163-139-00	CERAMIC CHIP 820PF 5% 50V	
C517	1-163-139-00	CERAMIC CHIP 820PF 5% 50V	
C518	1-163-251-11	CERAMIC CHIP 100PF 5% 50V (DA3200ES: US, CND/DG1000)	
C518	1-163-139-00	CERAMIC CHIP 820PF 5% 50V (DA3200ES: AEP, UK, TW)	
C519	1-163-139-00	CERAMIC CHIP 820PF 5% 50V	
C520	1-163-251-11	CERAMIC CHIP 100PF 5% 50V (DA3200ES: US, CND/DG1000)	
C520	1-163-139-00	CERAMIC CHIP 820PF 5% 50V (DA3200ES: AEP, UK, TW)	
C521	1-163-139-00	CERAMIC CHIP 820PF 5% 50V	
C531	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
C532	1-163-125-00	CERAMIC CHIP 220PF 5% 50V	
C533	1-126-961-11	ELECT 2.2uF 20% 50V	
C534	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	

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STR-DA3200ES/DG1000

ANALOG

BIAS

Ref. No.	Part No.	Description	Remark		
R426	1-208-518-41	RES-CHIP	22K	2%	1/10W
R427	1-208-518-41	RES-CHIP	22K	2%	1/10W
R428	1-208-518-41	RES-CHIP	22K	2%	1/10W
R431	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R432	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
R433	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
R434	1-216-633-11	METAL CHIP	180	0.5%	1/10W
R435	1-216-673-11	METAL CHIP	8.2K	0.5%	1/10W
R436	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
R437	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R438	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
R439	1-208-774-11	METAL CHIP	470	0.5%	1/10W
R443	1-216-089-11	RES-CHIP	47K	5%	1/10W
R444	1-216-097-11	RES-CHIP	100K	5%	1/10W
R445	1-216-025-11	RES-CHIP	100	5%	1/10W
R446	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R447	1-216-049-11	RES-CHIP	1K	5%	1/10W
R451	1-208-449-41	RES-CHIP	3.3K	2%	1/10W
R452	1-208-437-41	RES-CHIP	1K	2%	1/10W
R453	1-208-526-41	RES-CHIP	47K	2%	1/10W
R454	1-208-449-41	RES-CHIP	3.3K	2%	1/10W
R485	1-216-013-00	RES-CHIP	33	5%	1/10W
R486	1-216-013-00	RES-CHIP	33	5%	1/10W
R487	1-216-025-11	RES-CHIP	100	5%	1/10W
R488	1-216-025-11	RES-CHIP	100	5%	1/10W
R489	1-216-025-11	RES-CHIP	100	5%	1/10W
R511	1-208-437-41	RES-CHIP	1K	2%	1/10W
R512	1-208-437-41	RES-CHIP	1K	2%	1/10W
R513	1-208-437-41	RES-CHIP	1K	2%	1/10W
R514	1-208-437-41	RES-CHIP	1K	2%	1/10W
R515	1-208-437-41	RES-CHIP	1K	2%	1/10W
R516	1-208-437-41	RES-CHIP	1K	2%	1/10W
R517	1-208-437-41	RES-CHIP	1K	2%	1/10W
R518	1-208-437-41	RES-CHIP	1K	2%	1/10W
R519	1-208-437-41	RES-CHIP	1K	2%	1/10W
R520	1-208-437-41	RES-CHIP	1K	2%	1/10W
R521	1-208-437-41	RES-CHIP	1K	2%	1/10W
R522	1-208-518-41	RES-CHIP	22K	2%	1/10W
R523	1-208-518-41	RES-CHIP	22K	2%	1/10W
R524	1-208-518-41	RES-CHIP	22K	2%	1/10W
R525	1-208-518-41	RES-CHIP	22K	2%	1/10W
R526	1-208-518-41	RES-CHIP	22K	2%	1/10W
R527	1-208-518-41	RES-CHIP	22K	2%	1/10W
R528	1-208-518-41	RES-CHIP	22K	2%	1/10W
R531	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R532	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
R533	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
R534	1-216-633-11	METAL CHIP	180	0.5%	1/10W
R535	1-216-673-11	METAL CHIP	8.2K	0.5%	1/10W
R536	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
R537	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R538	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
R539	1-208-774-11	METAL CHIP	470	0.5%	1/10W
R543	1-216-089-11	RES-CHIP	47K	5%	1/10W
R544	1-216-097-11	RES-CHIP	100K	5%	1/10W
R545	1-216-025-11	RES-CHIP	100	5%	1/10W
R546	1-216-065-00	RES-CHIP	4.7K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R547	1-216-049-11	RES-CHIP	1K	5%	1/10W
R548	1-216-073-00	RES-CHIP	10K	5%	1/10W
R549	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R551	1-208-449-41	RES-CHIP	3.3K	2%	1/10W
R552	1-208-437-41	RES-CHIP	1K	2%	1/10W
R553	1-208-526-41	RES-CHIP	47K	2%	1/10W
R554	1-208-449-41	RES-CHIP	3.3K	2%	1/10W
R585	1-216-013-00	RES-CHIP	33	5%	1/10W
R586	1-216-013-00	RES-CHIP	33	5%	1/10W
R587	1-216-025-11	RES-CHIP	100	5%	1/10W
R588	1-216-025-11	RES-CHIP	100	5%	1/10W
R589	1-216-025-11	RES-CHIP	100	5%	1/10W
R634	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R635	1-216-635-11	METAL CHIP	220	0.5%	1/10W
△ R646	1-249-393-11	CARBON	10	5%	1/4W F
< RELAY >					
RY641	1-755-486-11	RELAY			

	A-1183-225-A	BIAS BOARD, COMPLETE (DA3200ES: AEP, UK)			
	A-1183-451-A	BIAS BOARD, COMPLETE (DA3200ES: US, CND, TW/DG1000)			

< CAPACITOR >					
C1521	1-112-089-11	ELECT	47uF	20%	25V
C1522	1-128-813-11	CERAMIC	220PF	5%	50V
C1523	1-136-153-00	MYLAR	0.01uF	5%	50V
C1524	1-126-964-11	ELECT	10uF	20%	50V
C1571	1-112-089-11	ELECT	47uF	20%	25V
C1572	1-128-813-11	CERAMIC	220PF	5%	50V
C1573	1-136-153-00	MYLAR	0.01uF	5%	50V
C1574	1-126-964-11	ELECT	10uF	20%	50V
C1621	1-112-089-11	ELECT	47uF	20%	25V
C1622	1-128-813-11	CERAMIC	220PF	5%	50V
C1623	1-136-153-00	MYLAR	0.01uF	5%	50V
C1624	1-126-964-11	ELECT	10uF	20%	50V
C1721	1-112-089-11	ELECT	47uF	20%	25V
C1722	1-128-813-11	CERAMIC	220PF	5%	50V
C1723	1-136-153-00	MYLAR	0.01uF	5%	50V
C1724	1-126-964-11	ELECT	10uF	20%	50V
C1771	1-112-089-11	ELECT	47uF	20%	25V
C1772	1-128-813-11	CERAMIC	220PF	5%	50V
C1773	1-136-153-00	MYLAR	0.01uF	5%	50V
C1774	1-126-964-11	ELECT	10uF	20%	50V
C1821	1-112-089-11	ELECT	47uF	20%	25V
C1822	1-128-813-11	CERAMIC	220PF	5%	50V
C1823	1-136-153-00	MYLAR	0.01uF	5%	50V
C1824	1-126-964-11	ELECT	10uF	20%	50V
C1871	1-112-089-11	ELECT	47uF	20%	25V
C1872	1-128-813-11	CERAMIC	220PF	5%	50V
C1873	1-136-153-00	MYLAR	0.01uF	5%	50V
C1874	1-126-964-11	ELECT	10uF	20%	50V
C1905	1-126-965-11	ELECT	22uF	20%	50V
C1906	1-112-402-11	ELECT	470uF	20%	6.3V
C1907	1-128-805-11	CERAMIC	47PF	5%	50V
C1908	1-128-805-11	CERAMIC	47PF	5%	50V

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C1909	1-127-888-11	CERAMIC 0.1uF 10%	50V	Q1723	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
C1910	1-135-800-11	CERAMIC 1uF	50V	Q1724	8-729-119-78	TRANSISTOR 2SC2785-HFE	
C1913	1-135-800-11	CERAMIC 1uF	50V	Q1772	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
< CONNECTOR >				Q1773	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
CNP1501	1-784-923-11	PIN, CONNECTOR 7P		Q1774	8-729-119-78	TRANSISTOR 2SC2785-HFE	
CNP1502	1-564-704-41	PIN, CONNECTOR (SMALL TYPE) 2P		Q1822	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
CNP1551	1-784-923-11	PIN, CONNECTOR 7P		Q1823	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
CNP1552	1-564-704-41	PIN, CONNECTOR (SMALL TYPE) 2P		Q1824	8-729-119-78	TRANSISTOR 2SC2785-HFE	
CNP1601	1-784-923-11	PIN, CONNECTOR 7P		Q1872	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
CNP1602	1-564-704-41	PIN, CONNECTOR (SMALL TYPE) 2P		Q1873	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
CNP1701	1-784-923-11	PIN, CONNECTOR 7P		Q1874	8-729-119-78	TRANSISTOR 2SC2785-HFE	
CNP1702	1-564-704-41	PIN, CONNECTOR (SMALL TYPE) 2P		Q1904	8-729-281-53	TRANSISTOR 2SC1815-GR	
CNP1751	1-784-923-11	PIN, CONNECTOR 7P		Q1905	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
CNP1752	1-564-704-41	PIN, CONNECTOR (SMALL TYPE) 2P		Q1906	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
CNP1801	1-784-923-11	PIN, CONNECTOR 7P		Q1907	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
CNP1802	1-564-704-41	PIN, CONNECTOR (SMALL TYPE) 2P		Q1908	8-729-029-86	TRANSISTOR DTC124ESA	
CNP1851	1-784-923-11	PIN, CONNECTOR 7P		< RESISTOR >			
CNP1852	1-564-704-41	PIN, CONNECTOR (SMALL TYPE) 2P		R1521	1-259-440-61	CARBON 3.3K 5%	1/6W
< DIODE >				R1522	1-259-428-61	CARBON 1K 5%	1/6W
D1521	8-719-991-33	DIODE 1SS133T-77		R1524	1-259-468-61	CARBON 47K 5%	1/6W
D1522	8-719-991-33	DIODE 1SS133T-77		R1525	1-247-847-91	CARBON 4.7K 5%	1/4W
D1571	8-719-991-33	DIODE 1SS133T-77		△R1526	1-240-855-91	CARBON 6.2K 5%	1/4W F
D1572	8-719-991-33	DIODE 1SS133T-77		R1527	1-249-420-11	CARBON 1.8K 5%	1/4W
D1621	8-719-991-33	DIODE 1SS133T-77		R1528	1-249-431-11	CARBON 15K 5%	1/4W
D1622	8-719-991-33	DIODE 1SS133T-77		R1529	1-247-862-11	CARBON 20K 5%	1/4W
D1721	8-719-991-33	DIODE 1SS133T-77		R1530	1-247-834-11	CARBON 1.3K 5%	1/4W
D1722	8-719-991-33	DIODE 1SS133T-77		R1531	1-249-437-11	CARBON 47K 5%	1/4W
D1771	8-719-991-33	DIODE 1SS133T-77		R1532	1-249-431-11	CARBON 15K 5%	1/4W
D1772	8-719-991-33	DIODE 1SS133T-77		R1533	1-249-437-11	CARBON 47K 5%	1/4W
D1821	8-719-991-33	DIODE 1SS133T-77		R1534	1-247-863-11	CARBON 22K 5%	1/4W
D1822	8-719-991-33	DIODE 1SS133T-77		R1535	1-249-439-11	CARBON 68K 5%	1/4W
D1871	8-719-991-33	DIODE 1SS133T-77		R1536	1-247-895-00	CARBON 470K 5%	1/4W
D1872	8-719-991-33	DIODE 1SS133T-77		R1571	1-259-440-61	CARBON 3.3K 5%	1/6W
D1901	8-719-991-33	DIODE 1SS133T-77		R1572	1-259-428-61	CARBON 1K 5%	1/6W
D1902	8-719-991-33	DIODE 1SS133T-77		R1574	1-259-468-61	CARBON 47K 5%	1/6W
D1903	8-719-991-33	DIODE 1SS133T-77		R1575	1-247-847-91	CARBON 4.7K 5%	1/4W
D1904	8-719-991-33	DIODE 1SS133T-77		△R1576	1-240-855-91	CARBON 6.2K 5%	1/4W F
D1905	8-719-991-33	DIODE 1SS133T-77		R1577	1-249-420-11	CARBON 1.8K 5%	1/4W
D1906	8-719-109-93	DIODE RD6.2ESB2		R1578	1-249-431-11	CARBON 15K 5%	1/4W
< IC >				R1579	1-247-862-11	CARBON 20K 5%	1/4W
IC1901	8-759-167-88	IC NJM4565D		R1580	1-247-834-11	CARBON 1.3K 5%	1/4W
IC1903	6-710-072-01	IC LM61CIZ/LFT2		R1581	1-249-437-11	CARBON 47K 5%	1/4W
IC1905	6-710-072-01	IC LM61CIZ/LFT2		R1582	1-249-431-11	CARBON 15K 5%	1/4W
< TRANSISTOR >				R1583	1-249-437-11	CARBON 47K 5%	1/4W
Q1522	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP		R1584	1-247-863-11	CARBON 22K 5%	1/4W
Q1523	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP		R1585	1-249-439-11	CARBON 68K 5%	1/4W
Q1524	8-729-119-78	TRANSISTOR 2SC2785-HFE		R1586	1-247-895-00	CARBON 470K 5%	1/4W
Q1572	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP		R1621	1-259-440-61	CARBON 3.3K 5%	1/6W
Q1573	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP		R1622	1-259-428-61	CARBON 1K 5%	1/6W
Q1574	8-729-119-78	TRANSISTOR 2SC2785-HFE		R1624	1-259-468-61	CARBON 47K 5%	1/6W
Q1622	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP		R1625	1-247-847-91	CARBON 4.7K 5%	1/4W
Q1623	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP		△R1626	1-240-855-91	CARBON 6.2K 5%	1/4W F
Q1624	8-729-119-78	TRANSISTOR 2SC2785-HFE		R1627	1-249-420-11	CARBON 1.8K 5%	1/4W
Q1722	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP		R1628	1-249-431-11	CARBON 15K 5%	1/4W
				R1629	1-247-862-11	CARBON 20K 5%	1/4W
				R1630	1-247-834-11	CARBON 1.3K 5%	1/4W
				R1631	1-249-437-11	CARBON 47K 5%	1/4W

STR-DA3200ES/DG1000

BIAS

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Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark							
R1632	1-249-431-11	CARBON	15K	5%	1/4W	R1879	1-247-862-11	CARBON	20K	5%	1/4W					
R1633	1-249-437-11	CARBON	47K	5%	1/4W	R1880	1-247-834-11	CARBON	1.3K	5%	1/4W					
R1634	1-247-863-11	CARBON	22K	5%	1/4W	R1881	1-249-437-11	CARBON	47K	5%	1/4W					
R1635	1-249-439-11	CARBON	68K	5%	1/4W	R1882	1-249-431-11	CARBON	15K	5%	1/4W					
R1636	1-247-895-00	CARBON	470K	5%	1/4W	R1883	1-249-437-11	CARBON	47K	5%	1/4W					
R1721	1-259-440-61	CARBON	3.3K	5%	1/6W	R1884	1-247-863-11	CARBON	22K	5%	1/4W					
R1722	1-259-428-61	CARBON	1K	5%	1/6W	R1885	1-249-439-11	CARBON	68K	5%	1/4W					
R1724	1-259-468-61	CARBON	47K	5%	1/6W	R1886	1-247-895-00	CARBON	470K	5%	1/4W					
R1725	1-247-847-91	CARBON	4.7K	5%	1/4W	R1909	1-249-429-11	CARBON	10K	5%	1/4W					
△ R1726	1-240-855-91	CARBON	6.2K	5%	1/4W F	R1910	1-249-417-11	CARBON	1K	5%	1/4W					
R1727	1-249-420-11	CARBON	1.8K	5%	1/4W	R1911	1-247-863-11	CARBON	22K	5%	1/4W					
R1728	1-249-431-11	CARBON	15K	5%	1/4W	R1912	1-249-429-11	CARBON	10K	5%	1/4W					
R1729	1-247-862-11	CARBON	20K	5%	1/4W	R1913	1-249-429-11	CARBON	10K	5%	1/4W					
R1730	1-247-834-11	CARBON	1.3K	5%	1/4W	R1914	1-247-863-11	CARBON	22K	5%	1/4W					
R1731	1-249-437-11	CARBON	47K	5%	1/4W	R1915	1-247-863-11	CARBON	22K	5%	1/4W					
R1732	1-249-431-11	CARBON	15K	5%	1/4W	R1916	1-249-430-11	CARBON	12K	5%	1/4W					
R1733	1-249-437-11	CARBON	47K	5%	1/4W	R1917	1-247-895-00	CARBON	470K	5%	1/4W					
R1734	1-247-863-11	CARBON	22K	5%	1/4W	R1918	1-249-437-11	CARBON	47K	5%	1/4W					
R1735	1-249-439-11	CARBON	68K	5%	1/4W	R1919	1-249-429-11	CARBON	10K	5%	1/4W					
R1736	1-247-895-00	CARBON	470K	5%	1/4W	R1928	1-249-427-11	CARBON	6.8K	5%	1/4W					
R1771	1-259-440-61	CARBON	3.3K	5%	1/6W	< VARIABLE RESISTOR >										
R1772	1-259-428-61	CARBON	1K	5%	1/6W	RV1501	1-238-595-11	RES, ADJ, CARBON 220								
R1774	1-259-468-61	CARBON	47K	5%	1/6W	RV1551	1-238-595-11	RES, ADJ, CARBON 220								
R1775	1-247-847-91	CARBON	4.7K	5%	1/4W	RV1601	1-238-595-11	RES, ADJ, CARBON 220								
△ R1776	1-240-855-91	CARBON	6.2K	5%	1/4W F	RV1701	1-238-595-11	RES, ADJ, CARBON 220								
R1777	1-249-420-11	CARBON	1.8K	5%	1/4W	RV1751	1-238-595-11	RES, ADJ, CARBON 220								
R1778	1-249-431-11	CARBON	15K	5%	1/4W	RV1801	1-238-595-11	RES, ADJ, CARBON 220								
R1779	1-247-862-11	CARBON	20K	5%	1/4W	RV1851	1-238-595-11	RES, ADJ, CARBON 220								
R1780	1-247-834-11	CARBON	1.3K	5%	1/4W	*****										
R1781	1-249-437-11	CARBON	47K	5%	1/4W	A-1183-234-A	CIS BOARD, COMPLETE (DA3200ES)									
R1782	1-249-431-11	CARBON	15K	5%	1/4W	*****										
R1783	1-249-437-11	CARBON	47K	5%	1/4W	< CAPACITOR/JUMPER RESISTOR >										
R1784	1-247-863-11	CARBON	22K	5%	1/4W	C801	1-126-947-11	ELECT	47uF	20%	35V					
R1785	1-249-439-11	CARBON	68K	5%	1/4W	C802	1-163-038-00	CERAMIC CHIP	0.1uF		25V					
R1786	1-247-895-00	CARBON	470K	5%	1/4W	C803	1-126-961-11	ELECT	2.2uF	20%	50V					
R1821	1-259-440-61	CARBON	3.3K	5%	1/6W	C804	1-126-947-11	ELECT	47uF	20%	35V					
R1822	1-259-428-61	CARBON	1K	5%	1/6W	C805	1-163-038-00	CERAMIC CHIP	0.1uF		25V					
R1824	1-259-468-61	CARBON	47K	5%	1/6W	C831	1-126-960-11	ELECT	1uF	20%	50V					
R1825	1-247-847-91	CARBON	4.7K	5%	1/4W	C851	1-126-767-11	ELECT	1000uF	20%	16V					
△ R1826	1-240-855-91	CARBON	6.2K	5%	1/4W F	C852	1-163-038-00	CERAMIC CHIP	0.1uF		25V					
R1827	1-249-420-11	CARBON	1.8K	5%	1/4W	C861	1-216-295-00	SHORT CHIP	0							
R1828	1-249-431-11	CARBON	15K	5%	1/4W	C862	1-163-133-00	CERAMIC CHIP	470PF	5%	50V					
R1829	1-247-862-11	CARBON	20K	5%	1/4W	C863	1-163-133-00	CERAMIC CHIP	470PF	5%	50V					
R1830	1-247-834-11	CARBON	1.3K	5%	1/4W	C864	1-126-963-11	ELECT	4.7uF	20%	50V					
R1831	1-249-437-11	CARBON	47K	5%	1/4W	C865	1-163-038-00	CERAMIC CHIP	0.1uF		25V					
R1832	1-249-431-11	CARBON	15K	5%	1/4W	C868	1-216-295-00	SHORT CHIP	0							
R1833	1-249-437-11	CARBON	47K	5%	1/4W	C881	1-163-251-11	CERAMIC CHIP	100PF	5%	50V					
R1834	1-247-863-11	CARBON	22K	5%	1/4W	C883	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V					
R1835	1-249-439-11	CARBON	68K	5%	1/4W	C884	1-126-933-11	ELECT	100uF	20%	16V					
R1836	1-247-895-00	CARBON	470K	5%	1/4W	C885	1-109-982-11	CERAMIC CHIP	1uF	10%	10V					
R1871	1-259-440-61	CARBON	3.3K	5%	1/6W	C886	1-109-982-11	CERAMIC CHIP	1uF	10%	10V					
R1872	1-259-428-61	CARBON	1K	5%	1/6W	C887	1-109-982-11	CERAMIC CHIP	1uF	10%	10V					
R1874	1-259-468-61	CARBON	47K	5%	1/6W	C888	1-109-982-11	CERAMIC CHIP	1uF	10%	10V					
R1875	1-247-847-91	CARBON	4.7K	5%	1/4W											
△ R1876	1-240-855-91	CARBON	6.2K	5%	1/4W F											
R1877	1-249-420-11	CARBON	1.8K	5%	1/4W											
R1878	1-249-431-11	CARBON	15K	5%	1/4W											

CIS

CONNECTOR L

CONNECTOR R

DCDC-1

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		< DIODE >		R882	1-216-025-11	RES-CHIP 100 5% 1/10W	
D801	8-719-988-61	DIODE 1SS355TE-17		*****			
D802	8-719-075-86	LED SID307BRTP19				CONNECTOR L BOARD	
		(REMOTE CONTROL TRANSCEIVER)				*****	
D803	8-719-988-61	DIODE 1SS355TE-17				< CONNECTOR >	
		< EARTH TERMINAL >		CNP1206 1-784-038-21		CONNECTOR, BOARD TO BOARD 9P	
EB801	1-537-738-21	TERMINAL, GROUND		CNP1207 1-784-038-21		CONNECTOR, BOARD TO BOARD 9P	
EB802	1-537-738-21	TERMINAL, GROUND		*****			
		< FERRITE BEAD >				CONNECTOR R BOARD	
FB881	1-469-152-11	FERRITE, EMI (SMD) (2012)				*****	
		< IC >				< CONNECTOR >	
IC801	6-600-349-21	IC NJL23H400A		CNP1201 1-573-844-11		CONNECTOR, BOARD TO BOARD 12P	
IC802	8-759-671-94	IC MC74HC4053AFEL		CNP1202 1-573-844-11		CONNECTOR, BOARD TO BOARD 12P	
IC861	8-759-470-63	IC NJM2145M-TE2		*****			
IC881	8-759-065-85	IC MAX232N		A-1221-148-A		DCDC-1 BOARD, COMPLETE	
		< JACK/CONNECTOR >				*****	
J801	1-563-330-11	JACK (IR REMOTE IR IN)		4-974-510-11		SCREW (+BV 3X8 CU)	
J802	1-563-330-11	JACK (IR REMOTE IR OUT 1)				< CAPACITOR >	
J803	1-563-330-11	JACK (IR REMOTE IR OUT 2)		C1406	1-128-950-21	ELECT 1000uF 20% 16V	
J831	1-563-330-11	JACK (TRIGGER OUT MAIN)		C1407	1-127-888-11	CERAMIC 0.1uF 10% 50V	
J861	1-563-330-11	JACK (CTRL S IN)		C1412	1-128-950-21	ELECT 1000uF 20% 16V	
J862	1-563-330-11	JACK (CTRL S OUT)		C1413	1-115-871-11	ELECT 1uF 20% 50V	
J881	1-815-737-11	CONNECTOR, (D) SUB 9P (RS232C)		C1427	1-128-549-11	ELECT 3300uF 20% 35V	
		< JUMPER RESISTOR >		C1429	1-128-959-21	ELECT 1000uF 20% 35V	
JW845	1-216-295-00	SHORT CHIP 0		C1430	1-128-959-21	ELECT 1000uF 20% 35V	
JW861	1-216-295-00	SHORT CHIP 0				< CONNECTOR >	
		< TRANSISTOR >		CN1410 1-691-769-11		PLUG (MICRO CONNECTOR) 7P	
Q831	8-729-140-93	TRANSISTOR 2SB733-34		CNP1451 1-778-293-11		PLUG (MICRO CONNECTOR) 2P	
Q832	8-729-027-43	TRANSISTOR DTC114EKA-T146				< DIODE >	
		< RESISTOR/THERMISTOR >		D1402	8-719-059-21	DIODE RK46LF-T2	
R801	1-216-073-00	RES-CHIP 10K 5% 1/10W		D1404	8-719-301-45	DIODE RK14	
R802	1-216-001-00	RES-CHIP 10 5% 1/10W		D1409	8-719-510-53	DIODE D4SB60L	
R803	1-216-097-11	RES-CHIP 100K 5% 1/10W				< FUSE HOLDER >	
R804	1-216-073-00	RES-CHIP 10K 5% 1/10W		FH1403	1-533-313-11	FUSE HOLDER	
R805	1-216-097-11	RES-CHIP 100K 5% 1/10W		FH1453	1-533-313-11	FUSE HOLDER	
R806	1-216-025-11	RES-CHIP 100 5% 1/10W				< IC >	
R807	1-216-025-11	RES-CHIP 100 5% 1/10W		IC1403	8-759-474-09	IC SI-8050S-LF1101	
R831	1-801-726-11	THERMISTOR, POSITIVE		IC1404	6-701-021-01	IC SI-8120JF	
R832	1-216-073-00	RES-CHIP 10K 5% 1/10W				< COIL >	
R833	1-216-057-00	RES-CHIP 2.2K 5% 1/10W		L1401	1-456-721-11	INDUCTOR 100uH	
R834	1-216-073-00	RES-CHIP 10K 5% 1/10W		L1402	1-456-545-11	INDUCTOR 100uH	
R845	1-216-025-11	RES-CHIP 100 5% 1/10W		L1403	1-456-545-11	INDUCTOR 100uH	
R851	1-216-295-00	SHORT CHIP 0		L1404	1-456-545-11	INDUCTOR 100uH	
R861	1-216-049-11	RES-CHIP 1K 5% 1/10W				< TRANSISTOR >	
R862	1-216-049-11	RES-CHIP 1K 5% 1/10W		Q1409	8-729-029-86	TRANSISTOR DTC124ESA	
R863	1-216-049-11	RES-CHIP 1K 5% 1/10W					
R864	1-216-049-11	RES-CHIP 1K 5% 1/10W					
R865	1-216-049-11	RES-CHIP 1K 5% 1/10W					
R881	1-216-025-11	RES-CHIP 100 5% 1/10W					

STR-DA3200ES/DG1000

DCDC-1 DIGITAL

Ref. No.	Part No.	Description	Remark		
< RESISTOR >					
R1402	1-249-409-11	CARBON	220	5%	1/4W
R1410	1-249-416-11	CARBON	820	5%	1/4W
R1414	1-249-415-11	CARBON	680	5%	1/4W
R1415	1-247-863-11	CARBON	22K	5%	1/4W

A-1183-236-A	DIGITAL BOARD, COMPLETE (DA3200ES: AEP, UK)				
A-1183-464-A	DIGITAL BOARD, COMPLETE (DA3200ES: US, CND)				
A-1183-644-A	DIGITAL BOARD, COMPLETE (DA3200ES: TW)				
A-1202-209-A	DIGITAL BOARD, COMPLETE (DG1000)				

3-087-053-01	+BVTP2.6 (3CR) (DA3200ES: AEP, UK, TW)				
< CAPACITOR/RESISTOR >					
C2001	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2002	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2003	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2004	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2005	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2006	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2007	1-112-103-11	ELECT	47uF	20%	63V
C2008	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2009	1-112-103-11	ELECT	47uF	20%	63V
C2010	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2015	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C2016	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2017	1-126-935-11	ELECT	470uF	20%	16V
C2019	1-112-103-11	ELECT	47uF	20%	63V
C2022	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2023	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2024	1-126-965-11	ELECT	22uF	20%	50V
C2025	1-112-084-11	ELECT	470uF	20%	16V
C2026	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2027	1-126-965-11	ELECT	22uF	20%	50V
C2028	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C2029	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2030	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2033	1-216-833-11	METAL CHIP	10K	5%	1/10W
(DA3200ES: US, CND, TW/DG1000)					
C2034	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C2035	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C2036	1-126-965-11	ELECT	22uF	20%	50V
C2037	1-126-965-11	ELECT	22uF	20%	50V
C2038	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C2039	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2040	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2043	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2044	1-126-964-11	ELECT	10uF	20%	50V
C2045	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C2046	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C2047	1-112-084-11	ELECT	470uF	20%	16V
C2048	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2049	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2050	1-112-083-11	ELECT	100uF	20%	16V
C2052	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V

Ref. No.	Part No.	Description	Remark		
C2054	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C2057	1-112-079-11	ELECT 220uF 20% 10V			
C2059	1-112-097-11	ELECT 2.2uF 20% 50V			
C2060	1-112-084-11	ELECT 470uF 20% 16V			
C2067	1-164-156-11	CERAMIC CHIP 0.1uF 25V			
C2076	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C2078	1-100-155-11	CERAMIC CHIP 470PF 5% 100V			
C2079	1-126-947-11	ELECT 47uF 20% 35V			
C2080	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C2083	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C2084	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C2085	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C2088	1-112-100-11	ELECT 10uF 20% 50V			
C2089	1-112-100-11	ELECT 10uF 20% 50V			
C2090	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C2091	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C2092	1-112-100-11	ELECT 10uF 20% 50V			
C2093	1-126-964-11	ELECT 10uF 20% 50V			
C2094	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C2095	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V			
C2096	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C2097	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C2098	1-126-964-11	ELECT 10uF 20% 50V			
C2099	1-126-963-11	ELECT 4.7uF 20% 50V			
C2100	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C2101	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C2145	1-115-416-11	CERAMIC CHIP 0.001uF 5% 25V			
C2146	1-137-429-11	MYLAR 270PF 5% 50V			
C2147	1-137-457-11	MYLAR 0.0027uF 5% 100V			
C2148	1-112-100-11	ELECT 10uF 20% 50V			
C2149	1-112-100-11	ELECT 10uF 20% 50V			
C2150	1-126-964-11	ELECT 10uF 20% 50V			
C2151	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C2152	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C2153	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C2154	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C2155	1-112-100-11	ELECT 10uF 20% 50V			
C2156	1-115-416-11	CERAMIC CHIP 0.001uF 5% 25V			
C2157	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V			
C2158	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C2159	1-137-457-11	MYLAR 0.0027uF 5% 100V			
C2160	1-137-429-11	MYLAR 270PF 5% 50V			
C2161	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C2162	1-162-927-11	CERAMIC CHIP 100PF 5% 50V			
C2163	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C2164	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C2165	1-115-416-11	CERAMIC CHIP 0.001uF 5% 25V			
C2166	1-137-457-11	MYLAR 0.0027uF 5% 100V			
C2167	1-137-429-11	MYLAR 270PF 5% 50V			
C2168	1-126-933-11	ELECT 100uF 20% 16V			
C2169	1-112-083-11	ELECT 100uF 20% 16V			
C2170	1-112-100-11	ELECT 10uF 20% 50V			
C2171	1-112-083-11	ELECT 100uF 20% 16V			
C2172	1-112-100-11	ELECT 10uF 20% 50V			
C2173	1-115-416-11	CERAMIC CHIP 0.001uF 5% 25V			
C2174	1-137-457-11	MYLAR 0.0027uF 5% 100V			
C2175	1-137-429-11	MYLAR 270PF 5% 50V			
C2181	1-115-416-11	CERAMIC CHIP 0.001uF 5% 25V			

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C2182	1-137-457-11	MYLAR	0.0027uF	5%	100V	C2265	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2183	1-137-429-11	MYLAR	270PF	5%	50V	C2266	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C2200	1-112-100-11	ELECT	10uF	20%	50V	C2267	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C2202	1-112-100-11	ELECT	10uF	20%	50V	C2268	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C2203	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V	C2269	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C2204	1-137-457-11	MYLAR	0.0027uF	5%	100V	C2270	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2205	1-137-429-11	MYLAR	270PF	5%	50V	C2271	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2206	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V	C2272	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2207	1-137-429-11	MYLAR	270PF	5%	50V	C2273	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2208	1-137-457-11	MYLAR	0.0027uF	5%	100V	C2274	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2209	1-112-100-11	ELECT	10uF	20%	50V	C2275	1-126-933-11	ELECT	100uF	20%	16V
C2210	1-112-100-11	ELECT	10uF	20%	50V	C2276	1-126-964-11	ELECT	10uF	20%	50V
C2211	1-112-114-11	ELECT	22uF	20%	50V	C2277	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2212	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V	C2278	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2213	1-137-457-11	MYLAR	0.0027uF	5%	100V	C2279	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2214	1-137-429-11	MYLAR	270PF	5%	50V	C2280	1-126-960-11	ELECT	1uF	20%	50V
C2215	1-112-114-11	ELECT	22uF	20%	50V	C2283	1-117-720-11	CERAMIC CHIP	4.7uF		10V
C2216	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2284	1-117-720-11	CERAMIC CHIP	4.7uF		10V
C2218	1-126-964-11	ELECT	10uF	20%	50V	C2285	1-117-720-11	CERAMIC CHIP	4.7uF		10V
C2219	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C2286	1-117-720-11	CERAMIC CHIP	4.7uF		10V
C2220	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C2287	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2221	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2290	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2222	1-100-153-11	CERAMIC CHIP	220PF	5%	100V			(DA3200ES: US, CND, TW/DG1000)			
C2223	1-126-947-11	ELECT	47uF	20%	35V	C2291	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C2225	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2293	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2226	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V			(DA3200ES)			
C2227	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2294	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2228	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C2295	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C2229	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V			< CONNECTOR >			
C2230	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	CN2002	1-568-830-11	CONNECTOR, FFC 11P			
C2231	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V			(DA3200ES: US, CND, TW/DG1000)			
C2232	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	CN2002	1-784-776-11	CONNECTOR, FFC 15P (DA3200ES: AEP, UK)			
C2233	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	CN2003	1-794-002-11	CONNECTOR 13P			
C2234	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	CN2004	1-785-910-21	CONNECTOR, BOARD TO BOARD 50P			
C2235	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	CN2006	1-784-923-11	PIN, CONNECTOR 7P			
C2238	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	CN2008	1-784-930-11	PIN, CONNECTOR 15P			
		(DA3200ES: AEP, UK)				CN2009	1-794-005-11	CONNECTOR 19P			
C2239	1-112-080-11	ELECT	470uF	20%	10V	CN2011	1-794-004-11	CONNECTOR 17P			
		(DA3200ES: AEP, UK)				CN2012	1-691-768-11	PLUG (MICRO CONNECTOR) 6P			
C2240	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	CN2014	1-794-006-11	CONNECTOR 20P			
C2241	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	CN2015	1-784-922-11	PIN, CONNECTOR 5P			
C2242	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	CN2016	1-794-005-11	CONNECTOR 19P			
C2243	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	CN2018	1-784-922-11	PIN, CONNECTOR 5P			
C2244	1-112-084-11	ELECT	470uF	20%	16V	CN2019	1-779-978-11	PIN, CONNECTOR 3P			
C2245	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	CN2020	1-820-353-11	PIN, CONNECTOR (PC BOARD) 9P			
C2247	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V			(DA3200ES: US, CND/DG1000)			
C2248	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	CN2021	1-691-770-11	PLUG (MICRO CONNECTOR) 8P			
C2249	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V			< DIODE >			
C2250	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	D2001	8-719-053-18	DIODE 1SR154-400TE-25			
C2251	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	D2002	8-719-988-61	DIODE 1SS355TE-17			
C2252	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	D2003	8-719-988-61	DIODE 1SS355TE-17			
C2254	1-126-935-11	ELECT	470uF	20%	16V	D2008	8-719-066-98	DIODE RB051L-40TE25			
C2255	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V			< FERRITE BEAD/JUMPER RESISTOR >			
C2257	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	FB2001	1-469-152-11	FERRITE, EMI (SMD) (2012)			
C2258	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V						
C2259	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V						
C2260	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V						
C2264	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						

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DIGITAL

Ref. No.	Part No.	Description	Remark
FB2003	1-469-152-11	FERRITE, EMI (SMD) (2012)	(DA3200ES: AEP, UK)
FB2004	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB2005	1-469-139-21	FERRITE, EMI (SMD) (2012)	
FB2006	1-469-139-21	FERRITE, EMI (SMD) (2012)	
FB2008	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB2009	1-216-295-00	SHORT CHIP 0	
FB2010	1-216-295-00	SHORT CHIP 0	
FB2017	1-469-139-21	FERRITE, EMI (SMD) (2012)	
FB2019	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB2020	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB2022	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB2023	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB2024	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB2028	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB2029	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB2031	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB2032	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB2033	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB2034	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB2035	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB2036	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB2037	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB2039	1-216-295-00	SHORT CHIP 0	
FB2040	1-216-295-00	SHORT CHIP 0	
FB2041	1-469-152-11	FERRITE, EMI (SMD) (2012)	
< IC >			
IC2001	6-600-466-01	IC TORX147L (SONY) (DIGITAL OPTICAL VIDEO 1 IN)	
IC2002	6-600-466-01	IC TORX147L (SONY) (DIGITAL OPTICAL VIDEO 2 IN)	
IC2003	6-600-466-01	IC TORX147L (SONY) (DIGITAL OPTICAL TV/ SAT IN)	
IC2004	6-600-461-11	IC TOTX147L (R) (DIGITAL OPTICAL MD/ TAPE OUT)	
IC2005	6-600-466-01	IC TORX147L (SONY) (DIGITAL OPTICAL MD/ TAPE IN)	
IC2006	6-708-025-01	IC LC89057W-VF4A-E	
IC2007	8-759-233-64	IC TC74HCU04AF	
IC2008	8-759-058-62	IC TC7S08FU (TE85R)	
IC2009	8-759-236-19	IC TC74HC151AF (EL)	
IC2010	8-759-710-97	IC NJM4565M-D	
IC2012	8-759-268-29	IC SN74HC595ANS	
IC2016	6-706-478-01	IC TC7SET08FU (T5RSOJF)	
IC2017	8-759-524-48	IC TC74VHC393FT (EL)	
IC2018	8-759-524-10	IC TC74VHC157FT (EL)	
IC2019	8-759-524-10	IC TC74VHC157FT (EL)	
IC2022	8-759-447-77	IC TC7WH74FU (TE12R)	
IC2024	6-701-834-01	IC PCM1802DBR	
IC2034	6-708-785-01	IC PCM1609APT	
IC2035	8-759-523-81	IC TC74VHC08FT (EL)	
IC2036	8-759-447-77	IC TC7WH74FU (TE12R)	
IC2037	8-759-710-97	IC NJM4565M-D	
IC2040	8-759-710-97	IC NJM4565M-D	
IC2042	8-759-710-97	IC NJM4565M-D	
IC2043	8-759-710-97	IC NJM4565M-D	
IC2044	8-759-268-29	IC SN74HC595ANS	

Ref. No.	Part No.	Description	Remark
IC2046	8-759-238-47	IC TC74HCT7007AF (EL)	
IC2050	6-705-468-01	IC BA33BC0FP-E2 (DA3200ES: AEP, UK)	
IC2051	6-702-913-01	IC S-80929CNMC-G8ZT2G	
IC2052	8-759-394-36	IC BA09T	
IC2053	6-705-468-01	IC BA33BC0FP-E2	
IC2054	6-806-562-01	IC MB91F355APMT-A2ES-X101 (DA3200ES: AEP, UK, TW)	
IC2054	6-806-955-01	IC MB91F355APMT-A2ESU-X102 (DA3200ES: US, CND/DG1000)	
IC2055	6-704-005-01	IC BR24L32F-WE2	
IC2056	8-759-277-63	IC TC7W14FU (TE12R)	
IC2057	8-759-058-62	IC TC7S08FU (TE85R)	
IC2059	6-706-478-01	IC TC7SET08FU (T5RSOJF) (DA3200ES)	
< JACK >			
J2001	1-820-614-21	JACK, PIN 3P (DIGITAL COAXIAL DVD/TAPE/ CD-R/S-CD/CD IN)	
< COIL >			
L2001	1-410-737-31	INDUCTOR	0.47uH
L2002	1-410-737-31	INDUCTOR	0.47uH
< TRANSISTOR >			
Q2002	1-801-806-11	TRANSISTOR	DTC144EKA-T146
Q2004	1-801-806-11	TRANSISTOR	DTC144EKA-T146
Q2005	8-729-024-91	TRANSISTOR	2SC2712-GL-TE85L
Q2006	8-729-027-43	TRANSISTOR	DTC114EKA-T146
Q2007	8-729-024-91	TRANSISTOR	2SC2712-GL-TE85L
< RESISTOR >			
R2001	1-208-755-11	METAL CHIP	75 0.5% 1/10W
R2002	1-208-755-11	METAL CHIP	75 0.5% 1/10W
R2003	1-216-809-11	METAL CHIP	100 5% 1/10W
R2004	1-216-809-11	METAL CHIP	100 5% 1/10W
R2005	1-216-809-11	METAL CHIP	100 5% 1/10W
R2006	1-216-833-11	METAL CHIP	10K 5% 1/10W
R2007	1-216-821-11	METAL CHIP	1K 5% 1/10W
R2008	1-216-833-11	METAL CHIP	10K 5% 1/10W
R2009	1-208-774-11	METAL CHIP	470 0.5% 1/10W
R2010	1-208-774-11	METAL CHIP	470 0.5% 1/10W
R2011	1-216-809-11	METAL CHIP	100 5% 1/10W
R2012	1-216-809-11	METAL CHIP	100 5% 1/10W
R2013	1-216-809-11	METAL CHIP	100 5% 1/10W
R2014	1-216-809-11	METAL CHIP	100 5% 1/10W
R2016	1-208-550-41	RES-CHIP	470K 2% 1/10W
R2017	1-208-550-41	RES-CHIP	470K 2% 1/10W
R2018	1-216-805-11	METAL CHIP	47 5% 1/10W
R2019	1-208-526-41	RES-CHIP	47K 2% 1/10W
R2020	1-208-526-41	RES-CHIP	47K 2% 1/10W
R2021	1-216-809-11	METAL CHIP	100 5% 1/10W
R2022	1-216-809-11	METAL CHIP	100 5% 1/10W
R2023	1-216-833-11	METAL CHIP	10K 5% 1/10W
R2024	1-216-833-11	METAL CHIP	10K 5% 1/10W
R2025	1-216-809-11	METAL CHIP	100 5% 1/10W
R2026	1-216-833-11	METAL CHIP	10K 5% 1/10W
R2027	1-216-833-11	METAL CHIP	10K 5% 1/10W
R2028	1-216-809-11	METAL CHIP	100 5% 1/10W
R2029	1-216-833-11	METAL CHIP	10K 5% 1/10W

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R2030	1-216-809-11	METAL CHIP	100	5%	1/10W (DA3200ES: AEP, UK)	R2109	1-216-809-11	METAL CHIP	100	5%	1/10W
R2031	1-216-841-11	METAL CHIP	47K	5%	1/10W	R2111	1-216-809-11	METAL CHIP	100	5%	1/10W
R2032	1-216-841-11	METAL CHIP	47K	5%	1/10W	R2112	1-216-809-11	METAL CHIP	100	5%	1/10W
R2033	1-216-857-11	METAL CHIP	1M	5%	1/10W	R2116	1-216-809-11	METAL CHIP	100	5%	1/10W
R2034	1-216-809-11	METAL CHIP	100	5%	1/10W	R2120	1-216-809-11	METAL CHIP	100	5%	1/10W
R2035	1-216-809-11	METAL CHIP	100	5%	1/10W (DA3200ES: AEP, UK)	R2121	1-216-809-11	METAL CHIP	100	5%	1/10W
R2036	1-216-813-11	METAL CHIP	220	5%	1/10W	R2122	1-216-811-11	METAL CHIP	150	5%	1/10W
R2037	1-216-809-11	METAL CHIP	100	5%	1/10W (DA3200ES: AEP, UK)	R2123	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2038	1-216-809-11	METAL CHIP	100	5%	1/10W	R2124	1-216-809-11	METAL CHIP	100	5%	1/10W
R2039	1-216-809-11	METAL CHIP	100	5%	1/10W	R2125	1-216-809-11	METAL CHIP	100	5%	1/10W
R2043	1-216-813-11	METAL CHIP	100	5%	1/10W	R2185	1-216-809-11	METAL CHIP	100	5%	1/10W
R2044	1-216-809-11	METAL CHIP	100	5%	1/10W	R2186	1-216-835-11	METAL CHIP	15K	5%	1/10W
R2045	1-216-821-11	METAL CHIP	1K	5%	1/10W	R2187	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R2046	1-216-809-11	METAL CHIP	100	5%	1/10W	R2188	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2047	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2190	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2048	1-216-821-11	METAL CHIP	1K	5%	1/10W	R2192	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2050	1-216-809-11	METAL CHIP	100	5%	1/10W	R2194	1-216-841-11	METAL CHIP	47K	5%	1/10W
R2051	1-216-809-11	METAL CHIP	100	5%	1/10W	R2195	1-216-809-11	METAL CHIP	100	5%	1/10W
R2053	1-216-635-11	METAL CHIP	220	0.5%	1/10W	R2196	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R2054	1-216-809-11	METAL CHIP	100	5%	1/10W	R2198	1-216-805-11	METAL CHIP	47	5%	1/10W
R2055	1-216-813-11	METAL CHIP	220	5%	1/10W	R2199	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2057	1-216-687-11	METAL CHIP	33K	0.5%	1/10W	R2200	1-216-809-11	METAL CHIP	100	5%	1/10W
R2058	1-216-603-11	METAL CHIP	10	0.5%	1/10W	R2201	1-216-809-11	METAL CHIP	100	5%	1/10W
R2059	1-216-809-11	METAL CHIP	100	5%	1/10W	R2202	1-216-809-11	METAL CHIP	100	5%	1/10W
R2061	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2203	1-216-809-11	METAL CHIP	100	5%	1/10W
R2062	1-216-809-11	METAL CHIP	100	5%	1/10W	R2204	1-216-809-11	METAL CHIP	100	5%	1/10W
R2064	1-216-817-11	METAL CHIP	470	5%	1/10W	R2205	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2065	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2206	1-216-835-11	METAL CHIP	15K	5%	1/10W
R2068	1-216-813-11	METAL CHIP	220	5%	1/10W	R2207	1-216-809-11	METAL CHIP	100	5%	1/10W
R2069	1-216-813-11	METAL CHIP	220	5%	1/10W	R2208	1-216-809-11	METAL CHIP	100	5%	1/10W
R2074	1-216-809-11	METAL CHIP	100	5%	1/10W	R2209	1-216-809-11	METAL CHIP	100	5%	1/10W
R2075	1-216-805-11	METAL CHIP	47	5%	1/10W	R2211	1-216-809-11	METAL CHIP	100	5%	1/10W
R2077	1-216-805-11	METAL CHIP	47	5%	1/10W	R2212	1-216-835-11	METAL CHIP	15K	5%	1/10W
R2078	1-216-805-11	METAL CHIP	47	5%	1/10W	R2213	1-216-809-11	METAL CHIP	100	5%	1/10W
R2079	1-216-809-11	METAL CHIP	100	5%	1/10W	R2214	1-216-809-11	METAL CHIP	100	5%	1/10W
R2080	1-216-805-11	METAL CHIP	47	5%	1/10W	R2215	1-216-809-11	METAL CHIP	100	5%	1/10W
R2081	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2216	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2082	1-216-809-11	METAL CHIP	100	5%	1/10W	R2217	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R2084	1-216-821-11	METAL CHIP	1K	5%	1/10W	R2220	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2085	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2223	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2086	1-216-809-11	METAL CHIP	100	5%	1/10W	R2224	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R2087	1-216-857-11	METAL CHIP	1M	5%	1/10W	R2225	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2090	1-216-811-11	METAL CHIP	150	5%	1/10W	R2226	1-216-835-11	METAL CHIP	15K	5%	1/10W
R2094	1-216-809-11	METAL CHIP	100	5%	1/10W	R2227	1-216-809-11	METAL CHIP	100	5%	1/10W
R2096	1-216-809-11	METAL CHIP	100	5%	1/10W	R2231	1-216-809-11	METAL CHIP	100	5%	1/10W
R2097	1-216-864-11	SHORT CHIP	0			R2232	1-216-809-11	METAL CHIP	100	5%	1/10W (DA3200ES)
R2098	1-216-864-11	SHORT CHIP	0			R2233	1-216-835-11	METAL CHIP	15K	5%	1/10W
R2100	1-216-809-11	METAL CHIP	100	5%	1/10W	R2241	1-216-864-11	SHORT CHIP	0		
R2102	1-216-809-11	METAL CHIP	100	5%	1/10W	R2242	1-216-864-11	SHORT CHIP	0		
R2103	1-216-809-11	METAL CHIP	100	5%	1/10W	R2243	1-216-864-11	SHORT CHIP	0		
R2104	1-216-809-11	METAL CHIP	100	5%	1/10W	R2244	1-216-864-11	SHORT CHIP	0		
R2105	1-216-809-11	METAL CHIP	100	5%	1/10W	R2249	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2106	1-216-809-11	METAL CHIP	100	5%	1/10W	R2250	1-216-864-11	SHORT CHIP	0 (DG1000)		
R2107	1-216-809-11	METAL CHIP	100	5%	1/10W	R2251	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R2108	1-216-805-11	METAL CHIP	47	5%	1/10W	R2253	1-216-845-11	METAL CHIP	100K	5%	1/10W
						R2254	1-216-809-11	METAL CHIP	100	5%	1/10W (DA3200ES)

STR-DA3200ES/DG1000

DIGITAL

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R2255	1-216-809-11	METAL CHIP	100	5%	1/10W (DA3200ES)	R2312	1-216-809-11	METAL CHIP	100	5%	1/10W
R2256	1-216-845-11	METAL CHIP	100K	5%	1/10W	R2313	1-216-809-11	METAL CHIP	100	5%	1/10W
R2257	1-216-809-11	METAL CHIP	100	5%	1/10W	R2314	1-216-809-11	METAL CHIP	100	5%	1/10W
R2258	1-216-809-11	METAL CHIP	100	5%	1/10W	R2315	1-216-809-11	METAL CHIP	100	5%	1/10W
R2259	1-216-809-11	METAL CHIP	100	5%	1/10W	R2316	1-216-809-11	METAL CHIP	100	5%	1/10W
R2260	1-216-809-11	METAL CHIP	100	5%	1/10W	R2317	1-216-833-11	METAL CHIP	10K	5%	1/10W (DA3200ES: US, CND, TW/DG1000)
R2261	1-216-832-11	METAL CHIP	8.2K	5%	1/10W	R2318	1-216-833-11	METAL CHIP	10K	5%	1/10W (DG1000)
R2262	1-216-821-11	METAL CHIP	1K	5%	1/10W	R2318	1-216-837-11	METAL CHIP	22K	5%	1/10W (DA3200ES: TW)
R2263	1-216-835-11	METAL CHIP	15K	5%	1/10W	R2318	1-216-864-11	SHORT CHIP	0	(DA3200ES: AEP, UK)	
R2264	1-216-809-11	METAL CHIP	100	5%	1/10W	R2319	1-216-809-11	METAL CHIP	100	5%	1/10W
R2265	1-216-809-11	METAL CHIP	100	5%	1/10W	R2320	1-216-809-11	METAL CHIP	100	5%	1/10W
R2266	1-216-809-11	METAL CHIP	100	5%	1/10W	R2321	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2267	1-216-809-11	METAL CHIP	100	5%	1/10W	R2322	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2268	1-216-835-11	METAL CHIP	15K	5%	1/10W	R2323	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2269	1-216-821-11	METAL CHIP	1K	5%	1/10W	R2324	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2270	1-216-832-11	METAL CHIP	8.2K	5%	1/10W	R2325	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R2271	1-216-845-11	METAL CHIP	100K	5%	1/10W	R2326	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2272	1-216-845-11	METAL CHIP	100K	5%	1/10W	R2327	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2273	1-216-832-11	METAL CHIP	8.2K	5%	1/10W	R2328	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2274	1-216-821-11	METAL CHIP	1K	5%	1/10W	R2329	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R2275	1-216-835-11	METAL CHIP	15K	5%	1/10W	R2330	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2276	1-216-809-11	METAL CHIP	100	5%	1/10W	R2331	1-216-833-11	METAL CHIP	10K	5%	1/10W (DA3200ES: US, CND, TW/DG1000)
R2277	1-216-829-11	METAL CHIP	4.7K	5%	1/10W (DA3200ES)	R2332	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R2278	1-216-833-11	METAL CHIP	10K	5%	1/10W (DA3200ES)	R2333	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2279	1-216-809-11	METAL CHIP	100	5%	1/10W	R2334	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R2280	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2335	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R2281	1-216-821-11	METAL CHIP	1K	5%	1/10W	R2336	1-216-809-11	METAL CHIP	100	5%	1/10W
R2282	1-216-821-11	METAL CHIP	1K	5%	1/10W	R2337	1-216-809-11	METAL CHIP	100	5%	1/10W
R2283	1-216-833-11	METAL CHIP	10K	5%	1/10W (DG1000)	R2338	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2286	1-216-809-11	METAL CHIP	100	5%	1/10W (DA3200ES)	R2339	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2287	1-216-809-11	METAL CHIP	100	5%	1/10W	R2342	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2288	1-216-809-11	METAL CHIP	100	5%	1/10W	R2344	1-216-809-11	METAL CHIP	100	5%	1/10W
R2289	1-216-809-11	METAL CHIP	100	5%	1/10W	R2345	1-216-809-11	METAL CHIP	100	5%	1/10W
R2290	1-216-809-11	METAL CHIP	100	5%	1/10W	R2347	1-216-845-11	METAL CHIP	100K	5%	1/10W (DG1000)
R2292	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2349	1-216-833-11	METAL CHIP	10K	5%	1/10W (DA3200ES: US, CND, TW/DG1000)
R2294	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2350	1-216-841-11	METAL CHIP	47K	5%	1/10W
R2295	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2351	1-216-841-11	METAL CHIP	47K	5%	1/10W
R2296	1-216-833-11	METAL CHIP	10K	5%	1/10W	R2354	1-216-809-11	METAL CHIP	100	5%	1/10W
R2297	1-216-809-11	METAL CHIP	100	5%	1/10W	R2355	1-216-809-11	METAL CHIP	100	5%	1/10W
R2298	1-216-809-11	METAL CHIP	100	5%	1/10W	R2356	1-216-809-11	METAL CHIP	100	5%	1/10W
R2299	1-216-809-11	METAL CHIP	100	5%	1/10W	R2357	1-216-809-11	METAL CHIP	100	5%	1/10W
R2300	1-216-809-11	METAL CHIP	100	5%	1/10W	R2358	1-216-809-11	METAL CHIP	100	5%	1/10W
R2301	1-216-809-11	METAL CHIP	100	5%	1/10W	R2359	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2302	1-216-809-11	METAL CHIP	100	5%	1/10W	R2360	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2303	1-216-809-11	METAL CHIP	100	5%	1/10W	R2361	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2304	1-216-809-11	METAL CHIP	100	5%	1/10W	R2362	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2305	1-216-809-11	METAL CHIP	100	5%	1/10W	R2363	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2306	1-216-809-11	METAL CHIP	100	5%	1/10W	R2364	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2307	1-216-809-11	METAL CHIP	100	5%	1/10W	R2365	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2308	1-216-809-11	METAL CHIP	100	5%	1/10W	R2366	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2309	1-216-809-11	METAL CHIP	100	5%	1/10W	R2367	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2310	1-216-809-11	METAL CHIP	100	5%	1/10W	R2368	1-216-833-11	METAL CHIP	10K	5%	1/10W (DA3200ES: AEP, UK, TW)
R2311	1-216-809-11	METAL CHIP	100	5%	1/10W						

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STR-DA3200ES/DG1000

DISPLAY

DSP

Ref. No.	Part No.	Description	Remark
< FERRITE BEAD >			
FB701	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB702	1-469-152-11	FERRITE, EMI (SMD) (2012)	
< IC >			
IC701	6-600-349-31	IC NJL24H400A	
IC702	6-705-468-01	IC BA33BC0FP-E2	
IC703	8-759-825-56	IC NJM2173AV (TE2)	
< JUMPER RESISTOR >			
JW753	1-216-296-11	SHORT CHIP 0	
< COIL >			
L701	1-421-967-11	INDUCTOR 100uH	
< FLUORESCENT INDICATOR TUBE >			
ND701	1-519-863-11	INDICATOR TUBE, FLUORESCENT	
< TRANSISTOR >			
Q701	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q702	8-729-901-00	TRANSISTOR DTC124EK	
Q703	8-729-901-00	TRANSISTOR DTC124EK	
Q704	8-729-901-00	TRANSISTOR DTC124EK	
Q705	8-729-808-42	TRANSISTOR 2SD1624-T	
Q706	8-729-808-42	TRANSISTOR 2SD1624-T	
Q708	8-729-024-91	TRANSISTOR 2SC2712-GL-TE85L	
Q709	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q710	8-729-024-91	TRANSISTOR 2SC2712-GL-TE85L	
Q711	8-729-216-22	TRANSISTOR 2SA1162-G	
< RESISTOR >			
R701	1-216-037-00	RES-CHIP 330 5% 1/10W	
R702	1-216-295-00	SHORT CHIP 0	
R704	1-216-295-00	SHORT CHIP 0	
R706	1-216-001-00	RES-CHIP 10 5% 1/10W	
△ R707	1-249-385-11	CARBON 2.2 5% 1/4W F	
△ R708	1-249-385-11	CARBON 2.2 5% 1/4W F	
R709	1-216-025-11	RES-CHIP 100 5% 1/10W	
R710	1-216-025-11	RES-CHIP 100 5% 1/10W	
R711	1-216-025-11	RES-CHIP 100 5% 1/10W	
R712	1-216-025-11	RES-CHIP 100 5% 1/10W	
R713	1-216-025-11	RES-CHIP 100 5% 1/10W	
R714	1-216-025-11	RES-CHIP 100 5% 1/10W	
R715	1-216-025-11	RES-CHIP 100 5% 1/10W	
R716	1-216-025-11	RES-CHIP 100 5% 1/10W	
R717	1-216-025-11	RES-CHIP 100 5% 1/10W	
R718	1-216-025-11	RES-CHIP 100 5% 1/10W	
R719	1-216-037-00	RES-CHIP 330 5% 1/10W	
R720	1-216-037-00	RES-CHIP 330 5% 1/10W	
R721	1-216-022-00	RES-CHIP 75 5% 1/10W	
R723	1-216-057-00	RES-CHIP 2.2K 5% 1/10W	
R724	1-216-049-11	RES-CHIP 1K 5% 1/10W	
R725	1-216-081-00	RES-CHIP 22K 5% 1/10W	
R726	1-216-073-00	RES-CHIP 10K 5% 1/10W	
R727	1-216-065-00	RES-CHIP 4.7K 5% 1/10W	
R728	1-216-057-00	RES-CHIP 2.2K 5% 1/10W	

Ref. No.	Part No.	Description			Remark
R729	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
R730	1-216-049-11	RES-CHIP	1K	5%	1/10W
R731	1-216-067-00	RES-CHIP	5.6K	5%	1/10W
R733	1-216-049-11	RES-CHIP	1K	5%	1/10W
R734	1-216-083-00	RES-CHIP	27K	5%	1/10W
R735	1-216-049-11	RES-CHIP	1K	5%	1/10W
R736	1-216-049-11	RES-CHIP	1K	5%	1/10W
R737	1-216-833-11	METAL CHIP	10K	5%	1/10W
R740	1-216-833-11	METAL CHIP	10K	5%	1/10W
R741	1-216-833-11	METAL CHIP	10K	5%	1/10W
R748	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R749	1-216-821-11	METAL CHIP	1K	5%	1/10W
R750	1-216-849-11	METAL CHIP	220K	5%	1/10W
R751	1-216-843-11	METAL CHIP	68K	5%	1/10W
R753	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R754	1-216-821-11	METAL CHIP	1K	5%	1/10W
R757	1-216-025-11	RES-CHIP	100	5%	1/10W
R758	1-216-041-00	RES-CHIP	470	5%	1/10W
R759	1-216-073-00	RES-CHIP	10K	5%	1/10W
R772	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
< SWITCH >					
S701	1-771-349-21	SWITCH, KEYBOARD (MUSIC)			
S702	1-771-349-21	SWITCH, KEYBOARD (MOVIE)			
S703	1-771-349-21	SWITCH, KEYBOARD (A.F.D.)			
S704	1-771-349-21	SWITCH, KEYBOARD (2CH)			
S705	1-771-349-21	SWITCH, KEYBOARD (CATEGORY +)			
(DA3200ES: US, CND/DG1000)					
S705	1-771-349-21	SWITCH, KEYBOARD (SUR BACK DECODING)			
(DA3200ES: AEP, UK, TW)					
S706	1-771-349-21	SWITCH, KEYBOARD (CATEGORY -)			
(DA3200ES: US, CND/DG1000)					
S706	1-771-349-21	SWITCH, KEYBOARD (SLEEP)			
(DA3200ES: AEP, UK, TW)					
S707	1-771-349-21	SWITCH, KEYBOARD (CATEGORY MODE)			
(DA3200ES: US, CND/DG1000)					
S707	1-771-349-21	SWITCH, KEYBOARD (DIMMER)			
(DA3200ES: AEP, UK, TW)					
S708	1-771-349-21	SWITCH, KEYBOARD (MEMORY/ENTER)			
S709	1-771-349-21	SWITCH, KEYBOARD (TUNING MODE)			
S710	1-771-349-21	SWITCH, KEYBOARD (TONE MODE)			
S711	1-771-349-21	SWITCH, KEYBOARD (ZONE SELECT)			
S712	1-771-349-21	SWITCH, KEYBOARD (ZONE POWER)			
S713	1-418-400-11	ENCODER, ROTARY (TONE)			
S714	1-418-400-11	ENCODER, ROTARY (TUNING)			
S715	1-418-400-11	ENCODER, ROTARY (INPUT SELECTOR)			
< TRANSFORMER >					
T701	1-445-015-11	TRANSFORMER, DC-DC CONVERTER			

A-1182-351-A		DSP BOARD, COMPLETE			

< CAPACITOR >					
C1	1-100-635-21	ELECT CHIP	82uF	20%	4V
C3	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C7	1-165-628-21	ELECT CHIP	100uF	20%	2V

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C8	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C97	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C9	1-162-913-11	CERAMIC CHIP	8PF	0.5PF	50V			< CONNECTOR >			
C10	1-162-913-11	CERAMIC CHIP	8PF	0.5PF	50V						
C11	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	CN1	1-815-136-21	CONNECTOR, BOARD TO BOARD			
C12	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	CN2	1-770-160-21	PIN, CONNECTOR (PC BOARD) 2P			
								< FERRITE BEAD >			
C19	1-117-370-11	CERAMIC CHIP	10uF		10V						
C23	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	FB1	1-469-324-21	FERRITE, EMI (SMD) (2012)			
C24	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	FB2	1-469-324-21	FERRITE, EMI (SMD) (2012)			
C25	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	FB3	1-469-324-21	FERRITE, EMI (SMD) (2012)			
C26	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	FB4	1-469-324-21	FERRITE, EMI (SMD) (2012)			
								< IC >			
C28	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	IC1	6-705-308-01	IC SI-3010KM-TL			
C29	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	IC2	6-706-764-01	IC ADSP21266SKSTZ-2C			
C30	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	IC3	6-806-960-01	IC SST25VF04-06STRES-BRONZE			
C32	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	IC4	8-759-680-48	IC TC7WH157FK (TE85R)			
C33	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	IC5	8-759-831-52	IC TC7WH125FK (TE85R)			
C34	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	IC6	6-701-373-01	IC MC74LCX16373DTR2			
C35	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	IC7	6-704-832-01	IC IS61LV6416-10TLT			
C36	1-117-370-11	CERAMIC CHIP	10uF		10V			< RESISTOR >			
C39	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						
C40	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	R1	1-243-227-91	RES-CHIP 0.33 1% 1/8W			
						R2	1-216-833-11	METAL CHIP 10K 5% 1/10W			
C42	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	R3	1-243-227-91	RES-CHIP 0.33 1% 1/8W			
C43	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	R5	1-216-833-11	METAL CHIP 10K 5% 1/10W			
C45	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	R9	1-216-833-11	METAL CHIP 10K 5% 1/10W			
C46	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						
C49	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	R12	1-216-833-11	METAL CHIP 10K 5% 1/10W			
						R13	1-216-864-11	SHORT CHIP 0			
C50	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	R14	1-218-854-11	METAL CHIP 2K 0.5% 1/10W			
C52	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	R15	1-218-871-11	METAL CHIP 10K 0.5% 1/10W			
C55	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	R16	1-216-864-11	SHORT CHIP 0			
C57	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						
C59	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	R17	1-216-864-11	SHORT CHIP 0			
						R18	1-216-864-11	SHORT CHIP 0			
C61	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	R20	1-216-864-11	SHORT CHIP 0			
C62	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	R21	1-216-833-11	METAL CHIP 10K 5% 1/10W			
C63	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	R23	1-216-817-11	METAL CHIP 470 5% 1/10W			
C64	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						
C66	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	R24	1-216-821-11	METAL CHIP 1K 5% 1/10W			
						R25	1-216-864-11	SHORT CHIP 0			
C67	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	R26	1-216-801-11	METAL CHIP 22 5% 1/10W			
C70	1-117-370-11	CERAMIC CHIP	10uF		10V	R27	1-216-801-11	METAL CHIP 22 5% 1/10W			
C71	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	R28	1-216-801-11	METAL CHIP 22 5% 1/10W			
C73	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						
C74	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	R29	1-216-801-11	METAL CHIP 22 5% 1/10W			
						R30	1-216-801-11	METAL CHIP 22 5% 1/10W			
C75	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	R31	1-216-833-11	METAL CHIP 10K 5% 1/10W			
C76	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	R32	1-216-833-11	METAL CHIP 10K 5% 1/10W			
C77	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	R33	1-216-833-11	METAL CHIP 10K 5% 1/10W			
C78	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						
C79	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	R34	1-216-833-11	METAL CHIP 10K 5% 1/10W			
						R35	1-216-857-11	METAL CHIP 1M 5% 1/10W			
C80	1-100-635-21	ELECT CHIP	82uF	20%	4V	R36	1-216-797-11	METAL CHIP 10 5% 1/10W			
C81	1-165-628-21	ELECT CHIP	100uF	20%	2V	R38	1-216-833-11	METAL CHIP 10K 5% 1/10W			
C85	1-117-370-11	CERAMIC CHIP	10uF		10V	R41	1-216-833-11	METAL CHIP 10K 5% 1/10W			
C88	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						
C89	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	R43	1-216-833-11	METAL CHIP 10K 5% 1/10W			
						R45	1-216-833-11	METAL CHIP 10K 5% 1/10W			
C90	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	R46	1-216-801-11	METAL CHIP 22 5% 1/10W			
C91	1-117-370-11	CERAMIC CHIP	10uF		10V	R47	1-216-864-11	SHORT CHIP 0			
C92	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	R48	1-216-864-11	SHORT CHIP 0			
C93	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						
C94	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						
C95	1-117-370-11	CERAMIC CHIP	10uF		10V						
C96	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						

STR-DA3200ES/DG1000

DSP

E-VOLUME

Ref. No.	Part No.	Description	Remark			
R49	1-216-864-11	SHORT CHIP	0			
R50	1-216-864-11	SHORT CHIP	0			
R51	1-216-864-11	SHORT CHIP	0			
R52	1-216-864-11	SHORT CHIP	0			
R53	1-216-801-11	METAL CHIP	22	5%	1/10W	
R54	1-216-801-11	METAL CHIP	22	5%	1/10W	
R55	1-216-864-11	SHORT CHIP	0			
R56	1-216-864-11	SHORT CHIP	0			
R57	1-216-864-11	SHORT CHIP	0			
R58	1-216-864-11	SHORT CHIP	0			
R59	1-216-864-11	SHORT CHIP	0			
R60	1-216-801-11	METAL CHIP	22	5%	1/10W	
R61	1-216-864-11	SHORT CHIP	0			
R62	1-216-864-11	SHORT CHIP	0			
R63	1-216-864-11	SHORT CHIP	0			
R64	1-216-801-11	METAL CHIP	22	5%	1/10W	
R65	1-216-801-11	METAL CHIP	22	5%	1/10W	
R66	1-216-801-11	METAL CHIP	22	5%	1/10W	
R67	1-216-801-11	METAL CHIP	22	5%	1/10W	
R68	1-216-801-11	METAL CHIP	22	5%	1/10W	
R69	1-216-864-11	SHORT CHIP	0			
< COMPOSITION CIRCUIT BLOCK >						
RB1	1-234-523-21	RES, CHIP NETWORK 0 (3216)				
RB6	1-239-409-11	RES, CHIP NETWORK 47 (3216)				
RB7	1-239-409-11	RES, CHIP NETWORK 47 (3216)				
RB8	1-239-409-11	RES, CHIP NETWORK 47 (3216)				
RB9	1-239-409-11	RES, CHIP NETWORK 47 (3216)				
RB10	1-234-524-21	RES, CHIP NETWORK 33 (3216)				
RB11	1-234-524-21	RES, CHIP NETWORK 33 (3216)				
RB12	1-234-524-21	RES, CHIP NETWORK 33 (3216)				
RB13	1-234-524-21	RES, CHIP NETWORK 33 (3216)				
< VIBRATOR >						
X1	1-795-807-11	VIBRATOR, CRYSTAL (25MHz)				

A-1182-340-A		E-VOLUME BOARD, COMPLETE				

< CAPACITOR >						
C1202	1-112-114-11	ELECT	22uF	20%	50V	
C1203	1-112-083-11	ELECT	100uF	20%	16V	
C1204	1-163-235-11	CERAMIC CHIP	22PF	5%	50V	
C1205	1-164-690-91	CERAMIC CHIP	0.0022uF	5%	50V	
C1206	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V	
C1207	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V	
C1208	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V	
C1209	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V	
C1210	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	
C1212	1-112-114-11	ELECT	22uF	20%	50V	
C1213	1-112-083-11	ELECT	100uF	20%	16V	
C1214	1-163-235-11	CERAMIC CHIP	22PF	5%	50V	
C1215	1-164-690-91	CERAMIC CHIP	0.0022uF	5%	50V	
C1216	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V	
C1217	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V	
C1218	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V	
C1219	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V	

Ref. No.	Part No.	Description	Remark			
C1220	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	
C1222	1-112-114-11	ELECT	22uF	20%	50V	
C1223	1-112-083-11	ELECT	100uF	20%	16V	
C1224	1-163-235-11	CERAMIC CHIP	22PF	5%	50V	
C1225	1-164-690-91	CERAMIC CHIP	0.0022uF	5%	50V	
C1226	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V	
C1227	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V	
C1228	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V	
C1229	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V	
C1230	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	
C1232	1-112-114-11	ELECT	22uF	20%	50V	
C1233	1-112-083-11	ELECT	100uF	20%	16V	
C1234	1-163-235-11	CERAMIC CHIP	22PF	5%	50V	
C1235	1-164-690-91	CERAMIC CHIP	0.0022uF	5%	50V	
C1236	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V	
C1237	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V	
C1238	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V	
C1239	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V	
C1240	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	
C1243	1-112-426-11	ELECT	47uF	20%	35V	
C1244	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	
C1252	1-112-114-11	ELECT	22uF	20%	50V	
C1253	1-112-083-11	ELECT	100uF	20%	16V	
C1254	1-163-235-11	CERAMIC CHIP	22PF	5%	50V	
C1255	1-164-690-91	CERAMIC CHIP	0.0022uF	5%	50V	
C1262	1-112-114-11	ELECT	22uF	20%	50V	
C1263	1-112-083-11	ELECT	100uF	20%	16V	
C1264	1-163-235-11	CERAMIC CHIP	22PF	5%	50V	
C1265	1-164-690-91	CERAMIC CHIP	0.0022uF	5%	50V	
C1272	1-112-114-11	ELECT	22uF	20%	50V	
C1273	1-112-083-11	ELECT	100uF	20%	16V	
C1274	1-163-235-11	CERAMIC CHIP	22PF	5%	50V	
C1275	1-164-690-91	CERAMIC CHIP	0.0022uF	5%	50V	
C1280	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	
C1282	1-112-114-11	ELECT	22uF	20%	50V	
C1283	1-112-083-11	ELECT	100uF	20%	16V	
C1284	1-163-235-11	CERAMIC CHIP	22PF	5%	50V	
C1285	1-164-690-91	CERAMIC CHIP	0.0022uF	5%	50V	
C1286	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	
C1290	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	
< CONNECTOR >						
CNP1208	1-794-003-11	CONNECTOR 15P				
CNS1201	1-764-864-41	CONNECTOR, BOARD TO BOARD 12P				
CNS1202	1-784-041-41	CONNECTOR, BOARD TO BOARD 9P				
CNS1203	1-573-829-11	CONNECTOR, BOARD TO BOARD 15P				
CNS1204	1-770-593-41	CONNECTOR, BOARD TO BOARD 5P				
< IC >						
IC1202	8-759-710-97	IC NJM4565M-D				
IC1203	6-709-814-01	IC CXD9725M-HFL				
IC1212	8-759-710-97	IC NJM4565M-D				
IC1213	6-709-814-01	IC CXD9725M-HFL				
IC1222	8-759-710-97	IC NJM4565M-D				
IC1223	6-709-814-01	IC CXD9725M-HFL				
IC1232	8-759-710-97	IC NJM4565M-D				
IC1233	6-709-814-01	IC CXD9725M-HFL				

Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description				Remark
< RESISTOR >							C3511	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
							C3512	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R1202	1-216-049-11	RES-CHIP	1K	5%	1/10W		C3513	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R1203	1-216-097-11	RES-CHIP	100K	5%	1/10W		C3514	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R1204	1-216-025-11	RES-CHIP	100	5%	1/10W								
R1205	1-216-013-00	RES-CHIP	33	5%	1/10W		C3515	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R1206	1-216-013-00	RES-CHIP	33	5%	1/10W		C3516	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V	
							C3517	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R1207	1-216-097-11	RES-CHIP	100K	5%	1/10W		C3518	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R1212	1-216-049-11	RES-CHIP	1K	5%	1/10W		C3519	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R1213	1-216-097-11	RES-CHIP	100K	5%	1/10W								
R1214	1-216-025-11	RES-CHIP	100	5%	1/10W		C3520	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R1215	1-216-013-00	RES-CHIP	33	5%	1/10W		C3521	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
							C3522	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R1216	1-216-013-00	RES-CHIP	33	5%	1/10W		C3523	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R1217	1-216-097-11	RES-CHIP	100K	5%	1/10W		C3524	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R1222	1-216-049-11	RES-CHIP	1K	5%	1/10W								
R1223	1-216-097-11	RES-CHIP	100K	5%	1/10W		C3525	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R1224	1-216-025-11	RES-CHIP	100	5%	1/10W		C3527	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
							C3529	1-162-917-11	CERAMIC CHIP	15PF	5%	50V	
R1225	1-216-013-00	RES-CHIP	33	5%	1/10W		C3531	1-162-917-11	CERAMIC CHIP	15PF	5%	50V	
R1226	1-216-013-00	RES-CHIP	33	5%	1/10W		C3533	1-126-205-11	ELECT CHIP	47uF	20%	6.3V	
R1227	1-216-097-11	RES-CHIP	100K	5%	1/10W								
R1232	1-216-049-11	RES-CHIP	1K	5%	1/10W		C3534	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R1233	1-216-097-11	RES-CHIP	100K	5%	1/10W		C3536	1-126-205-11	ELECT CHIP	47uF	20%	6.3V	
							C3537	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R1234	1-216-025-11	RES-CHIP	100	5%	1/10W		C3540	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R1235	1-216-013-00	RES-CHIP	33	5%	1/10W		C3542	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R1236	1-216-013-00	RES-CHIP	33	5%	1/10W								
R1237	1-216-097-11	RES-CHIP	100K	5%	1/10W		C3543	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R1252	1-216-049-11	RES-CHIP	1K	5%	1/10W		C3544	1-126-246-11	ELECT CHIP	220uF	20%	4V	
							C3545	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R1253	1-216-097-11	RES-CHIP	100K	5%	1/10W		C3546	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R1257	1-216-097-11	RES-CHIP	100K	5%	1/10W		C3547	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R1262	1-216-049-11	RES-CHIP	1K	5%	1/10W								
R1263	1-216-097-11	RES-CHIP	100K	5%	1/10W		C3548	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R1267	1-216-097-11	RES-CHIP	100K	5%	1/10W		C3549	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
							C3550	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R1272	1-216-049-11	RES-CHIP	1K	5%	1/10W		C3551	1-100-053-21	ELECT CHIP	220uF	20%	6.3V	
R1273	1-216-097-11	RES-CHIP	100K	5%	1/10W		C3552	1-165-672-21	ELECT CHIP	47uF	20%	10V	
R1277	1-216-097-11	RES-CHIP	100K	5%	1/10W								
R1282	1-216-049-11	RES-CHIP	1K	5%	1/10W		C3553	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R1283	1-216-097-11	RES-CHIP	100K	5%	1/10W		C3554	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
							C3555	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
R1287	1-216-097-11	RES-CHIP	100K	5%	1/10W		C3556	1-126-205-11	ELECT CHIP	47uF	20%	6.3V	
*****							C3557	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
①	A-1212-138-A	HDMI BOARD, COMPLETE (for SERVICE)					C3558	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
		(DA3200ES: AEP, UK, TW)					C3559	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
①	A-1212-139-A	HDMI BOARD, COMPLETE (for SERVICE)					C3560	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
		(Including XM board)					C3561	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
		(DA3200ES: US, CND/DG1000)					C3562	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	

< CAPACITOR >							C3563	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
							C3564	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
							C3565	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C3500	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		C3566	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C3501	1-128-994-21	ELECT CHIP	47uF	20%	10V		C3567	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C3502	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V								
C3503	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		C3568	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C3504	1-126-206-11	ELECT CHIP	100uF	20%	6.3V		C3569	1-126-246-11	ELECT CHIP	220uF	20%	4V	
							C3570	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C3505	1-126-205-11	ELECT CHIP	47uF	20%	6.3V		C3571	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C3506	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		C3572	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C3507	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V								
C3508	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		C3573	1-162-921-11	CERAMIC CHIP	33PF	5%	50V	
C3509	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		C3574	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
							C3575	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C3510	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		C3576	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	

STR-DA3200ES/DG1000

HDMI

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C3577	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C3634	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3578	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C3635	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3579	1-126-205-11	ELECT CHIP	47uF	20%	6.3V	C3636	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3580	1-126-206-11	ELECT CHIP	100uF	20%	6.3V	C3637	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3581	1-126-205-11	ELECT CHIP	47uF	20%	6.3V	C3638	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3582	1-100-053-21	ELECT CHIP	220uF	20%	6.3V	C3639	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3583	1-126-246-11	ELECT CHIP	220uF	20%	4V	C3640	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C3584	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3641	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C3585	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V	C3642	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3586	1-126-205-11	ELECT CHIP	47uF	20%	6.3V	C3643	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3587	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V	C3644	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3588	1-137-765-21	ELECT CHIP	47uF	20%	16V	C3645	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3589	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3646	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3590	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V	C3647	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V
C3591	1-100-053-21	ELECT CHIP	220uF	20%	6.3V	C3648	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C3592	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3649	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3593	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C3650	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3594	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V	C3651	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3595	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C3652	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3596	1-128-994-21	ELECT CHIP	47uF	20%	10V	C3653	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3597	1-137-765-21	ELECT CHIP	47uF	20%	16V	C3654	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3598	1-100-053-21	ELECT CHIP	220uF	20%	6.3V	C3655	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3599	1-126-393-11	ELECT CHIP	33uF	20%	10V	C3656	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V
C3600	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C3657	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C3601	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C3658	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3602	1-126-205-11	ELECT CHIP	47uF	20%	6.3V	C3659	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3603	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3660	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3604	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C3661	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3605	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3662	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3606	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C3663	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3607	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3664	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C3608	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C3665	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3609	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3666	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3610	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C3667	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3611	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3668	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3612	1-126-206-11	ELECT CHIP	100uF	20%	6.3V	C3669	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3613	1-126-205-11	ELECT CHIP	47uF	20%	6.3V	C3670	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3614	1-126-205-11	ELECT CHIP	47uF	20%	6.3V	C3671	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3615	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3672	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C3616	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C3673	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C3617	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3674	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C3618	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3677	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C3619	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C3678	1-165-672-21	ELECT CHIP	47uF	20%	10V
C3620	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3679	1-127-956-21	FILM CHIP	0.1uF	5%	16V
C3621	1-126-205-11	ELECT CHIP	47uF	20%	6.3V	C3680	1-127-956-21	FILM CHIP	0.1uF	5%	16V
C3622	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3681	1-164-173-11	CERAMIC CHIP	0.0039uF	10%	50V
C3623	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C3682	1-126-206-11	ELECT CHIP	100uF	20%	6.3V
C3624	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C3683	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C3625	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3684	1-164-733-11	CERAMIC CHIP	820PF	10%	50V
C3626	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C3685	1-165-672-21	ELECT CHIP	47uF	20%	10V
C3627	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V	C3686	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3628	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3687	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C3629	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C3688	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3630	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C3689	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3631	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3690	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3632	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C3691	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3633	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C3692	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
						C3693	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C3694	1-126-205-11	ELECT CHIP	47uF 20% 6.3V	C3773	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
C3697	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	C3774	1-165-319-11	CERAMIC CHIP	0.1uF 50V
C3698	1-126-205-11	ELECT CHIP	47uF 20% 6.3V	C3776	1-165-319-11	CERAMIC CHIP	0.1uF 50V
C3699	1-165-672-21	ELECT CHIP	47uF 20% 10V	C3780	1-115-416-11	CERAMIC CHIP	0.001uF 5% 25V
C3700	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	C3781	1-114-285-11	ELECT CHIP	220uF 20% 2V
C3701	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	C3782	1-115-416-11	CERAMIC CHIP	0.001uF 5% 25V
C3702	1-126-246-11	ELECT CHIP	220uF 20% 4V	C3783	1-114-285-11	ELECT CHIP	220uF 20% 2V
C3703	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	C3859	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
C3704	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	C3890	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
C3705	1-128-396-11	ELECT CHIP	470uF 20% 10V	C3901	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
C3706	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	C3902	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
C3707	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	C3903	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
C3708	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	< CONNECTOR >			
C3709	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	* CN3503	1-793-155-11	CONNECTOR, FFC/FPC 5P	
C3710	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	* CN3505	1-817-097-21	PIN, CONNECTOR (1.5mm) (SMD) 13P	
C3711	1-164-677-11	CERAMIC CHIP	0.033uF 10% 16V	CN3506	1-815-875-21	PIN, CONNECTOR (PC BOARD) (12P)	
C3712	1-165-176-11	CERAMIC CHIP	0.047uF 10% 16V	CN3507	1-794-509-11	PIN, CONNECTOR (PC BOARD) (3P)	
C3713	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	* CN3508	1-778-616-21	PIN, CONNECTOR (PC BOARD) 13P	
C3714	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	* CN3509	1-691-551-11	PIN, CONNECTOR (SMD) 8P	
C3715	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	CN3520	1-820-492-11	CONNECTOR, BOARD TO BOARD 10P	
C3716	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	(DA3200ES: US, CND/DG1000)			
C3717	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	CN5001	1-820-735-11	HDMI CONNECTOR (HDMI ASSIGNABLE IN 1)	
C3718	1-124-779-00	ELECT CHIP	10uF 20% 16V	CN5002	1-820-735-11	HDMI CONNECTOR (HDMI ASSIGNABLE IN 2)	
C3719	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	CN5003	1-820-735-11	HDMI CONNECTOR (HDMI OUT)	
C3720	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	< DIODE >			
C3721	1-124-779-00	ELECT CHIP	10uF 20% 16V	D3505	6-500-219-01	DIODE 1SS404 (TPH3)	
C3722	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	D3506	6-500-219-01	DIODE 1SS404 (TPH3)	
C3723	1-124-779-00	ELECT CHIP	10uF 20% 16V	D3507	6-500-219-01	DIODE 1SS404 (TPH3)	
C3724	1-126-246-11	ELECT CHIP	220uF 20% 4V	D3508	8-719-988-61	DIODE 1SS355TE-17	
C3725	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	D3509	8-719-988-61	DIODE 1SS355TE-17	
C3726	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	D3511	6-500-701-01	DIODE PGB1010603NR	
C3727	1-124-779-00	ELECT CHIP	10uF 20% 16V	D3512	6-500-701-01	DIODE PGB1010603NR	
C3728	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	< JUMPER RESISTOR/FERRITE BEAD >			
C3729	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	FB3501	1-216-864-11	SHORT CHIP 0	
C3730	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	FB3502	1-469-324-21	FERRITE, EMI (SMD) (2012)	
C3731	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	FB3503	1-469-324-21	FERRITE, EMI (SMD) (2012)	
C3732	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	FB3504	1-469-324-21	FERRITE, EMI (SMD) (2012)	
C3733	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	FB3505	1-469-324-21	FERRITE, EMI (SMD) (2012)	
C3734	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	FB3506	1-469-324-21	FERRITE, EMI (SMD) (2012)	
C3735	1-115-416-11	CERAMIC CHIP	0.001uF 5% 25V	FB3507	1-216-864-11	SHORT CHIP 0	
C3736	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	< IC >			
C3737	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	IC3501	8-759-389-26	IC 74LCX08MTCX	
C3738	1-126-205-11	ELECT CHIP	47uF 20% 6.3V	IC3502	6-704-001-01	IC BR24L02F-WE2	
C3739	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	IC3504	8-759-596-39	IC SN74LV4052APWR	
C3740	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	IC3505	(Not supplied)	IC SI19033CTU	
C3741	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	IC3508	(Not supplied)	IC SI19030CTU-7	
C3742	1-126-205-11	ELECT CHIP	47uF 20% 6.3V	IC3509	6-806-953-01	IC uPD70F3210HYGC-8BT-AA32X103	
C3743	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	IC3510	8-759-832-05	IC BA18BC0FP-E2	
C3744	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	IC3511	6-705-338-01	IC TK11250CMCL-G	
C3745	1-165-672-21	ELECT CHIP	47uF 20% 10V	IC3512	6-705-337-01	IC TK11150CSCL-G	
C3746	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	IC3513	6-705-468-01	IC BA33BC0FP-E2	
C3747	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	IC3514	6-705-468-01	IC BA33BC0FP-E2	
C3748	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	IC3515	6-707-149-01	IC BA25BC0WFP-E2	
C3749	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V	IC3516	6-706-521-01	IC CXD9837R	
C3770	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V				
C3771	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V				
C3772	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V				

Note: When IC3505 and IC3508 on the HDMI board are damaged, exchange the new HDMI board for the HDMI board which IC damaged.

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HDMI

Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description			Remark	
IC3517	6-703-791-01	IC MSM56V16160F-8T3FM1					R3512	1-216-805-11	METAL CHIP	47	5%	1/10W	
IC3519	6-709-565-01	IC ADV7322KSTZ					R3513	1-216-821-11	METAL CHIP	1K	5%	1/10W	
							R3514	1-216-821-11	METAL CHIP	1K	5%	1/10W	
IC3520	6-704-261-01	IC TK11225CMCL-G											
IC3521	6-702-301-01	IC TK11125CSCL-G					R3515	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
IC3522	6-705-308-01	IC SI-3010KM-TL					R3516	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
IC3523	6-705-468-01	IC BA33BC0FP-E2					R3517	1-216-841-11	METAL CHIP	47K	5%	1/10W	
IC3524	6-700-398-01	IC uPC2918T-E1					R3518	1-216-841-11	METAL CHIP	47K	5%	1/10W	
							R3521	1-216-805-11	METAL CHIP	47	5%	1/10W	
IC3525	6-702-300-01	IC TK11118CSCL-G											
IC3526	6-708-816-01	IC ADV7403BSTZ-110					R3522	1-216-805-11	METAL CHIP	47	5%	1/10W	
IC3527	6-705-468-01	IC BA33BC0FP-E2					R3523	1-216-833-11	METAL CHIP	10K	5%	1/10W	
IC3528	8-759-524-10	IC TC74VHC157FT (EL)					R3524	1-216-833-11	METAL CHIP	10K	5%	1/10W	
IC3529	8-759-524-10	IC TC74VHC157FT (EL)					R3525	1-216-805-11	METAL CHIP	47	5%	1/10W	
							R3526	1-216-805-11	METAL CHIP	47	5%	1/10W	
IC3530	8-759-524-50	IC TC74VHC541FT (EL)											
IC3531	8-759-524-50	IC TC74VHC541FT (EL)					R3527	1-216-833-11	METAL CHIP	10K	5%	1/10W	
IC3532	8-759-546-74	IC TC7WH157FU (TE12R)					R3528	1-216-841-11	METAL CHIP	47K	5%	1/10W	
IC3540	8-759-486-25	IC SN74CBT3384APWR					R3529	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
IC3541	8-759-486-25	IC SN74CBT3384APWR					R3530	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
							R3531	1-216-864-11	SHORT CHIP	0			
IC3542	8-759-486-25	IC SN74CBT3384APWR											
IC3543	8-759-486-25	IC SN74CBT3384APWR					R3532	1-216-864-11	SHORT CHIP	0			
IC3544	8-759-486-25	IC SN74CBT3384APWR					R3533	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
IC3913	6-708-758-01	IC PCA9517DP.118					R3534	1-216-805-11	METAL CHIP	47	5%	1/10W	
IC3914	6-708-758-01	IC PCA9517DP.118					R3535	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
							R3536	1-216-809-11	METAL CHIP	100	5%	1/10W	
< COIL >													
L3501	1-469-525-11	INDUCTOR	10uH				R3537	1-216-805-11	METAL CHIP	47	5%	1/10W	
L3502	1-469-525-11	INDUCTOR	10uH				R3538	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
L3503	1-469-525-11	INDUCTOR	10uH				R3539	1-216-805-11	METAL CHIP	47	5%	1/10W	
L3504	1-469-525-11	INDUCTOR	10uH				R3540	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
L3506	1-469-525-11	INDUCTOR	10uH				R3541	1-216-805-11	METAL CHIP	47	5%	1/10W	
L3507	1-469-525-11	INDUCTOR	10uH				R3542	1-216-864-11	SHORT CHIP	0			
L3508	1-469-525-11	INDUCTOR	10uH				R3543	1-216-809-11	METAL CHIP	100	5%	1/10W	
L3509	1-469-525-11	INDUCTOR	10uH				R3544	1-216-805-11	METAL CHIP	47	5%	1/10W	
							R3545	1-216-864-11	SHORT CHIP	0			
							R3546	1-216-809-11	METAL CHIP	100	5%	1/10W	
< TRANSISTOR >													
Q3501	8-729-216-22	TRANSISTOR	2SA1162-G				R3547	1-216-805-11	METAL CHIP	47	5%	1/10W	
Q3502	8-729-216-22	TRANSISTOR	2SA1162-G				R3548	1-216-864-11	SHORT CHIP	0			
Q3503	8-729-029-14	TRANSISTOR	DTC144EUA-T106				R3549	1-216-809-11	METAL CHIP	100	5%	1/10W	
Q3504	8-729-029-14	TRANSISTOR	DTC144EUA-T106				R3550	1-216-864-11	SHORT CHIP	0			
Q3505	8-729-029-14	TRANSISTOR	DTC144EUA-T106				R3551	1-216-809-11	METAL CHIP	100	5%	1/10W	
Q3506	8-729-038-05	TRANSISTOR	HN1K02FU (T5RSONY)				R3554	1-216-821-11	METAL CHIP	1K	5%	1/10W	
Q3507	8-729-038-05	TRANSISTOR	HN1K02FU (T5RSONY)				R3555	1-216-809-11	METAL CHIP	100	5%	1/10W	
Q3508	8-729-038-05	TRANSISTOR	HN1K02FU (T5RSONY)				R3556	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
Q3509	8-729-038-05	TRANSISTOR	HN1K02FU (T5RSONY)				R3557	1-216-809-11	METAL CHIP	100	5%	1/10W	
Q3510	8-729-038-05	TRANSISTOR	HN1K02FU (T5RSONY)				R3558	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
< RESISTOR >													
R3500	1-216-821-11	METAL CHIP	1K	5%	1/10W		R3559	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R3501	1-216-829-11	METAL CHIP	4.7K	5%	1/10W		R3560	1-216-824-11	METAL CHIP	1.8K	5%	1/10W	
R3502	1-216-829-11	METAL CHIP	4.7K	5%	1/10W		R3561	1-216-805-11	METAL CHIP	47	5%	1/10W	
R3503	1-216-821-11	METAL CHIP	1K	5%	1/10W		R3564	1-216-857-11	METAL CHIP	1M	5%	1/10W	
R3504	1-216-821-11	METAL CHIP	1K	5%	1/10W		R3566	1-216-824-11	METAL CHIP	1.8K	5%	1/10W	
R3505	1-216-864-11	SHORT CHIP	0				R3568	1-216-864-11	SHORT CHIP	0			
R3506	1-216-864-11	SHORT CHIP	0				R3569	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R3507	1-216-864-11	SHORT CHIP	0				R3570	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R3508	1-216-864-11	SHORT CHIP	0				R3571	1-211-969-11	METAL CHIP	10	0.5%	1/10W	
R3509	1-216-805-11	METAL CHIP	47	5%	1/10W		R3572	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R3510	1-216-805-11	METAL CHIP	47	5%	1/10W		R3573	1-216-809-11	METAL CHIP	100	5%	1/10W	
R3511	1-216-805-11	METAL CHIP	47	5%	1/10W		R3574	1-216-833-11	METAL CHIP	10K	5%	1/10W	
							R3576	1-216-864-11	SHORT CHIP	0			
							R3577	1-216-833-11	METAL CHIP	10K	5%	1/10W	
							R3579	1-216-833-11	METAL CHIP	10K	5%	1/10W	

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R3580	1-216-864-11	SHORT CHIP	0			R3641	1-216-801-11	METAL CHIP	22	5%	1/10W
R3582	1-216-805-11	METAL CHIP	47	5%	1/10W	R3642	1-216-801-11	METAL CHIP	22	5%	1/10W
R3583	1-216-805-11	METAL CHIP	47	5%	1/10W	R3643	1-216-801-11	METAL CHIP	22	5%	1/10W
R3584	1-216-801-11	METAL CHIP	22	5%	1/10W	R3644	1-216-801-11	METAL CHIP	22	5%	1/10W
R3585	1-216-801-11	METAL CHIP	22	5%	1/10W	R3645	1-216-801-11	METAL CHIP	22	5%	1/10W
R3586	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3646	1-216-801-11	METAL CHIP	22	5%	1/10W
R3587	1-216-801-11	METAL CHIP	22	5%	1/10W	R3647	1-216-801-11	METAL CHIP	22	5%	1/10W
R3588	1-216-801-11	METAL CHIP	22	5%	1/10W	R3648	1-216-801-11	METAL CHIP	22	5%	1/10W
R3589	1-216-801-11	METAL CHIP	22	5%	1/10W	R3649	1-216-801-11	METAL CHIP	22	5%	1/10W
R3590	1-216-801-11	METAL CHIP	22	5%	1/10W	R3650	1-216-801-11	METAL CHIP	22	5%	1/10W
R3591	1-216-801-11	METAL CHIP	22	5%	1/10W	R3651	1-216-801-11	METAL CHIP	22	5%	1/10W
R3592	1-216-801-11	METAL CHIP	22	5%	1/10W	R3652	1-216-809-11	METAL CHIP	100	5%	1/10W
R3593	1-216-805-11	METAL CHIP	47	5%	1/10W	R3655	1-216-801-11	METAL CHIP	22	5%	1/10W
R3595	1-216-805-11	METAL CHIP	47	5%	1/10W	R3656	1-216-801-11	METAL CHIP	22	5%	1/10W
R3596	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3657	1-216-864-11	SHORT CHIP	0		
R3598	1-216-805-11	METAL CHIP	47	5%	1/10W	R3658	1-216-864-11	SHORT CHIP	0		
R3600	1-216-805-11	METAL CHIP	47	5%	1/10W	R3660	1-216-864-11	SHORT CHIP	0		
R3601	1-216-821-11	METAL CHIP	1K	5%	1/10W	R3661	1-216-801-11	METAL CHIP	22	5%	1/10W
R3602	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R3662	1-216-801-11	METAL CHIP	22	5%	1/10W
R3603	1-216-805-11	METAL CHIP	47	5%	1/10W	R3663	1-216-801-11	METAL CHIP	22	5%	1/10W
R3604	1-216-805-11	METAL CHIP	47	5%	1/10W	R3664	1-216-801-11	METAL CHIP	22	5%	1/10W
R3605	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3665	1-216-801-11	METAL CHIP	22	5%	1/10W
R3606	1-216-864-11	SHORT CHIP	0			R3666	1-216-805-11	METAL CHIP	47	5%	1/10W
R3607	1-216-864-11	SHORT CHIP	0			R3667	1-216-805-11	METAL CHIP	47	5%	1/10W
R3608	1-216-864-11	SHORT CHIP	0			R3668	1-216-801-11	METAL CHIP	22	5%	1/10W
R3609	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3669	1-216-864-11	SHORT CHIP	0		
R3610	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3670	1-216-801-11	METAL CHIP	22	5%	1/10W
R3611	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3671	1-216-801-11	METAL CHIP	22	5%	1/10W
R3612	1-218-839-11	METAL CHIP	470	0.5%	1/10W	R3672	1-216-801-11	METAL CHIP	22	5%	1/10W
R3613	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R3673	1-216-801-11	METAL CHIP	22	5%	1/10W
R3614	1-216-864-11	SHORT CHIP	0			R3674	1-216-801-11	METAL CHIP	22	5%	1/10W
R3615	1-216-805-11	METAL CHIP	47	5%	1/10W	R3675	1-216-801-11	METAL CHIP	22	5%	1/10W
R3616	1-216-805-11	METAL CHIP	47	5%	1/10W	R3676	1-216-801-11	METAL CHIP	22	5%	1/10W
R3617	1-216-805-11	METAL CHIP	47	5%	1/10W	R3677	1-216-801-11	METAL CHIP	22	5%	1/10W
R3618	1-216-805-11	METAL CHIP	47	5%	1/10W	R3678	1-216-864-11	SHORT CHIP	0		
R3619	1-216-805-11	METAL CHIP	47	5%	1/10W	R3679	1-216-801-11	METAL CHIP	22	5%	1/10W
R3620	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3680	1-216-864-11	SHORT CHIP	0		
R3621	1-211-969-11	METAL CHIP	10	0.5%	1/10W	R3681	1-216-864-11	SHORT CHIP	0		
R3622	1-211-969-11	METAL CHIP	10	0.5%	1/10W	R3682	1-216-801-11	METAL CHIP	22	5%	1/10W
R3623	1-216-864-11	SHORT CHIP	0			R3683	1-216-801-11	METAL CHIP	22	5%	1/10W
R3624	1-216-864-11	SHORT CHIP	0			R3684	1-216-801-11	METAL CHIP	22	5%	1/10W
R3625	1-216-864-11	SHORT CHIP	0			R3685	1-216-801-11	METAL CHIP	22	5%	1/10W
R3626	1-216-864-11	SHORT CHIP	0			R3686	1-216-801-11	METAL CHIP	22	5%	1/10W
R3627	1-216-864-11	SHORT CHIP	0			R3687	1-216-864-11	SHORT CHIP	0		
R3628	1-216-864-11	SHORT CHIP	0			R3688	1-216-789-11	METAL CHIP	2.2	5%	1/10W
R3629	1-216-805-11	METAL CHIP	47	5%	1/10W	R3689	1-216-864-11	SHORT CHIP	0		
R3630	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3690	1-216-864-11	SHORT CHIP	0		
R3631	1-216-864-11	SHORT CHIP	0			R3691	1-216-864-11	SHORT CHIP	0		
R3632	1-216-864-11	SHORT CHIP	0			R3692	1-216-864-11	SHORT CHIP	0		
R3633	1-216-864-11	SHORT CHIP	0			R3693	1-216-864-11	SHORT CHIP	0		
R3634	1-216-824-11	METAL CHIP	1.8K	5%	1/10W	R3694	1-216-805-11	METAL CHIP	47	5%	1/10W
R3635	1-216-824-11	METAL CHIP	1.8K	5%	1/10W	R3695	1-216-801-11	METAL CHIP	22	5%	1/10W
R3636	1-216-864-11	SHORT CHIP	0			R3697	1-216-801-11	METAL CHIP	22	5%	1/10W
R3637	1-216-864-11	SHORT CHIP	0			R3698	1-216-864-11	SHORT CHIP	0		
R3638	1-216-809-11	METAL CHIP	100	5%	1/10W	R3699	1-216-864-11	SHORT CHIP	0		
R3639	1-216-801-11	METAL CHIP	22	5%	1/10W	R3701	1-216-805-11	METAL CHIP	47	5%	1/10W
R3640	1-216-801-11	METAL CHIP	22	5%	1/10W	R3702	1-216-805-11	METAL CHIP	47	5%	1/10W
						R3705	1-216-864-11	SHORT CHIP	0		

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Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
R3707	1-216-819-11	METAL CHIP	680	5%	1/10W	R3766	1-216-803-11	METAL CHIP	33	5%	1/10W
R3708	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3767	1-216-864-11	SHORT CHIP	0		
R3709	1-216-864-11	SHORT CHIP	0			R3768	1-216-864-11	SHORT CHIP	0		
R3710	1-216-826-11	METAL CHIP	2.7K	5%	1/10W	R3769	1-216-864-11	SHORT CHIP	0		
R3711	1-216-826-11	METAL CHIP	2.7K	5%	1/10W	R3770	1-216-864-11	SHORT CHIP	0		
R3712	1-216-809-11	METAL CHIP	100	5%	1/10W	R3771	1-216-864-11	SHORT CHIP	0		
R3713	1-216-864-11	SHORT CHIP	0			R3772	1-216-864-11	SHORT CHIP	0		
R3714	1-216-815-11	METAL CHIP	330	5%	1/10W	R3773	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3715	1-216-815-11	METAL CHIP	330	5%	1/10W	R3775	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3717	1-218-834-11	METAL CHIP	300	0.5%	1/10W	R3777	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3718	1-218-834-11	METAL CHIP	300	0.5%	1/10W	R3779	1-216-801-11	METAL CHIP	22	5%	1/10W
R3719	1-218-834-11	METAL CHIP	300	0.5%	1/10W	R3780	1-216-801-11	METAL CHIP	22	5%	1/10W
R3720	1-218-834-11	METAL CHIP	300	0.5%	1/10W	R3781	1-216-864-11	SHORT CHIP	0		
R3721	1-218-834-11	METAL CHIP	300	0.5%	1/10W	R3782	1-216-864-11	SHORT CHIP	0		
R3722	1-218-834-11	METAL CHIP	300	0.5%	1/10W	R3783	1-216-864-11	SHORT CHIP	0		
R3723	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3784	1-216-864-11	SHORT CHIP	0		
R3724	1-216-864-11	SHORT CHIP	0			R3787	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3725	1-216-864-11	SHORT CHIP	0			R3788	1-216-864-11	SHORT CHIP	0		
R3726	1-216-864-11	SHORT CHIP	0			R3789	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R3727	1-216-864-11	SHORT CHIP	0			R3790	1-216-864-11	SHORT CHIP	0		
R3728	1-216-864-11	SHORT CHIP	0			R3791	1-216-864-11	SHORT CHIP	0		
R3729	1-216-864-11	SHORT CHIP	0			R3792	1-216-809-11	METAL CHIP	100	5%	1/10W
R3730	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3793	1-216-809-11	METAL CHIP	100	5%	1/10W
R3731	1-218-871-11	METAL CHIP	10K	0.5%	1/10W	R3795	1-216-809-11	METAL CHIP	100	5%	1/10W
R3732	1-218-856-11	METAL CHIP	2.4K	0.5%	1/10W	R3796	1-216-805-11	METAL CHIP	47	5%	1/10W
R3733	1-216-801-11	METAL CHIP	22	5%	1/10W	R3797	1-216-864-11	SHORT CHIP	0		
R3734	1-216-801-11	METAL CHIP	22	5%	1/10W	R3799	1-216-809-11	METAL CHIP	100	5%	1/10W
R3735	1-216-801-11	METAL CHIP	22	5%	1/10W	R3871	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3736	1-216-864-11	SHORT CHIP	0			R3872	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3737	1-216-864-11	SHORT CHIP	0			R3873	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3738	1-216-864-11	SHORT CHIP	0			R3874	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3739	1-216-864-11	SHORT CHIP	0			R3875	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3740	1-216-801-11	METAL CHIP	22	5%	1/10W	R3887	1-216-864-11	SHORT CHIP	0		
R3741	1-216-801-11	METAL CHIP	22	5%	1/10W	R3914	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3742	1-216-801-11	METAL CHIP	22	5%	1/10W	R3919	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3743	1-216-801-11	METAL CHIP	22	5%	1/10W	R3922	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3744	1-216-801-11	METAL CHIP	22	5%	1/10W	R3923	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3745	1-216-801-11	METAL CHIP	22	5%	1/10W	R3955	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3746	1-216-801-11	METAL CHIP	22	5%	1/10W	R3956	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3747	1-216-801-11	METAL CHIP	22	5%	1/10W	R3957	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3748	1-216-801-11	METAL CHIP	22	5%	1/10W	R3958	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3749	1-216-801-11	METAL CHIP	22	5%	1/10W	< COMPOSITION CIRCUIT BLOCK >					
R3750	1-216-803-11	METAL CHIP	33	5%	1/10W	RB3501	1-239-409-11	RES, CHIP NETWORK 47 (3216)			
R3751	1-216-803-11	METAL CHIP	33	5%	1/10W	RB3502	1-239-409-11	RES, CHIP NETWORK 47 (3216)			
R3752	1-216-797-11	METAL CHIP	10	5%	1/10W	RB3503	1-239-409-11	RES, CHIP NETWORK 47 (3216)			
R3753	1-216-803-11	METAL CHIP	33	5%	1/10W	RB3504	1-239-409-11	RES, CHIP NETWORK 47 (3216)			
R3754	1-216-803-11	METAL CHIP	33	5%	1/10W	RB3505	1-239-409-11	RES, CHIP NETWORK 47 (3216)			
R3755	1-216-803-11	METAL CHIP	33	5%	1/10W	RB3506	1-239-409-11	RES, CHIP NETWORK 47 (3216)			
R3756	1-216-803-11	METAL CHIP	33	5%	1/10W	RB3507	1-239-409-11	RES, CHIP NETWORK 47 (3216)			
R3757	1-216-838-11	METAL CHIP	27K	5%	1/10W	RB3508	1-239-409-11	RES, CHIP NETWORK 47 (3216)			
R3758	1-216-824-11	METAL CHIP	1.8K	5%	1/10W	RB3509	1-239-409-11	RES, CHIP NETWORK 47 (3216)			
R3759	1-216-864-11	SHORT CHIP	0			RB3510	1-239-409-11	RES, CHIP NETWORK 47 (3216)			
R3760	1-216-826-11	METAL CHIP	2.7K	5%	1/10W	RB3511	1-239-409-11	RES, CHIP NETWORK 47 (3216)			
R3761	1-216-826-11	METAL CHIP	2.7K	5%	1/10W	RB3512	1-239-409-11	RES, CHIP NETWORK 47 (3216)			
R3762	1-216-830-11	METAL CHIP	5.6K	5%	1/10W	RB3513	1-239-409-11	RES, CHIP NETWORK 47 (3216)			
R3763	1-216-805-11	METAL CHIP	47	5%	1/10W	RB3514	1-239-409-11	RES, CHIP NETWORK 47 (3216)			
R3764	1-216-805-11	METAL CHIP	47	5%	1/10W	RB3520	1-234-524-21	RES, CHIP NETWORK 33 (3216)			

HDMI

KEY 1

KEY 2

M-VOL

MAIN

Ref. No.	Part No.	Description	Remark
RB3521	1-234-524-21	RES, CHIP NETWORK 33 (3216)	
RB3522	1-234-524-21	RES, CHIP NETWORK 33 (3216)	
RB3523	1-234-524-21	RES, CHIP NETWORK 33 (3216)	
RB3524	1-233-575-11	RES, CHIP NETWORK 22 (3216)	
RB3525	1-233-575-11	RES, CHIP NETWORK 22 (3216)	
RB3526	1-233-575-11	RES, CHIP NETWORK 22 (3216)	
< VIBRATOR >			
X3501	1-813-570-21	VIBRATOR, CRYSTAL (28.322MHz)	
X3502	1-813-562-21	VIBRATOR, CERAMIC 10.000MHZ (10MHz)	
X3503	1-813-715-11	OSCILLATOR, CRYSTAL (28.63636MHz)	

KEY 1 BOARD			

< CONNECTOR >			
* CN715	1-568-941-11	PIN, CONNECTOR 3P	
< RESISTOR >			
R760	1-216-057-00	RES-CHIP 2.2K 5% 1/10W	
R761	1-216-057-00	RES-CHIP 2.2K 5% 1/10W	
< SWITCH >			
S720	1-771-349-21	SWITCH, KEYBOARD (MULTI CH IN)	
S721	1-771-349-21	SWITCH, KEYBOARD (HDMI)	

KEY 2 BOARD			

< CONNECTOR >			
* CN727	1-568-941-11	PIN, CONNECTOR 3P	
< RESISTOR >			
R784	1-216-057-00	RES-CHIP 2.2K 5% 1/10W	
< SWITCH >			
S725	1-771-349-21	SWITCH, KEYBOARD	
(SPEAKERS (OFF/A/B/A+B))			

M-VOL BOARD			

< CONNECTOR >			
* CN716	1-564-725-11	PIN, CONNECTOR (SMALL TYPE) 9P	
CN717	1-779-277-11	CONNECTOR, FFC (LIF (NON-ZIF)) 9P	
< SWITCH >			
S722	1-418-725-41	ENCODER, ROTARY (12 TYPE)	
(MASTER VOLUME)			

Ref. No.	Part No.	Description	Remark		
	A-1183-224-A	MAIN BOARD, COMPLETE	(DA3200ES: AEP, UK)		
	A-1183-450-A	MAIN BOARD, COMPLETE	(DA3200ES: US, CND, TW/DG1000)		

	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
		< CAPACITOR >			
C1001	1-128-809-11	CERAMIC	100PF	5%	50V
C1002	1-128-809-11	CERAMIC	100PF	5%	50V
C1003	1-128-825-11	CERAMIC	2200PF	5%	50V
C1004	1-128-809-11	CERAMIC	100PF	5%	50V
C1005	1-128-809-11	CERAMIC	100PF	5%	50V
C1006	1-128-809-11	CERAMIC	100PF	5%	50V
C1007	1-128-809-11	CERAMIC	100PF	5%	50V
C1008	1-128-809-11	CERAMIC	100PF	5%	50V
C1009	1-128-809-11	CERAMIC	100PF	5%	50V
C1010	1-128-825-11	CERAMIC	2200PF	5%	50V
C1011	1-128-825-11	CERAMIC	2200PF	5%	50V
C1012	1-128-825-11	CERAMIC	2200PF	5%	50V
C1013	1-127-876-11	CERAMIC	0.01uF	10%	50V
C1014	1-128-809-11	CERAMIC	100PF	5%	50V
C1015	1-112-114-11	ELECT	22uF	20%	50V
C1016	1-112-114-11	ELECT	22uF	20%	50V
C1017	1-112-114-11	ELECT	22uF	20%	50V
C1018	1-112-114-11	ELECT	22uF	20%	50V
C1019	1-112-114-11	ELECT	22uF	20%	50V
C1020	1-112-114-11	ELECT	22uF	20%	50V
C1021	1-112-114-11	ELECT	22uF	20%	50V
C1022	1-112-114-11	ELECT	22uF	20%	50V
C1101	1-128-821-11	CERAMIC	1000PF	5%	50V
C1102	1-128-821-11	CERAMIC	1000PF	5%	50V
C1103	1-128-809-11	CERAMIC	100PF	5%	50V
C1104	1-128-809-11	CERAMIC	100PF	5%	50V
C1106	1-128-809-11	CERAMIC	100PF	5%	50V
C1107	1-128-809-11	CERAMIC	100PF	5%	50V
C1108	1-128-809-11	CERAMIC	100PF	5%	50V
C1109	1-128-809-11	CERAMIC	100PF	5%	50V
C1111	1-128-809-11	CERAMIC	100PF	5%	50V
C1112	1-128-809-11	CERAMIC	100PF	5%	50V
C1113	1-127-888-11	CERAMIC	0.1uF	10%	50V
C1114	1-127-888-11	CERAMIC	0.1uF	10%	50V
C1115	1-127-888-11	CERAMIC	0.1uF	10%	50V
C1116	1-127-888-11	CERAMIC	0.1uF	10%	50V
C1117	1-112-114-11	ELECT	22uF	20%	50V
C1118	1-112-114-11	ELECT	22uF	20%	50V
C1119	1-112-114-11	ELECT	22uF	20%	50V
C1120	1-112-114-11	ELECT	22uF	20%	50V
C1121	1-112-114-11	ELECT	22uF	20%	50V
C1122	1-112-114-11	ELECT	22uF	20%	50V
C1123	1-112-114-11	ELECT	22uF	20%	50V
C1124	1-112-114-11	ELECT	22uF	20%	50V
C1201	1-112-114-11	ELECT	22uF	20%	50V
C1211	1-112-114-11	ELECT	22uF	20%	50V
C1221	1-112-114-11	ELECT	22uF	20%	50V
C1231	1-112-114-11	ELECT	22uF	20%	50V
C1241	1-112-114-11	ELECT	22uF	20%	50V
C1242	1-112-114-11	ELECT	22uF	20%	50V

STR-DA3200ES/DG1000

MAIN

Ref. No.	Part No.	Description	Remark		
C1251	1-112-114-11	ELECT	22uF	20%	50V
C1261	1-112-114-11	ELECT	22uF	20%	50V
C1271	1-112-114-11	ELECT	22uF	20%	50V
C1281	1-112-114-11	ELECT	22uF	20%	50V
C1301	1-128-825-11	CERAMIC	2200PF	5%	50V
C1302	1-128-825-11	CERAMIC	2200PF	5%	50V
C1303	1-127-876-11	CERAMIC	0.01uF	10%	50V
C1304	1-112-114-11	ELECT	22uF	20%	50V
C1305	1-112-114-11	ELECT	22uF	20%	50V
C1306	1-128-809-11	CERAMIC	100PF	5%	50V
C1401	1-114-243-11	ELECT (BLOCK)	8200uF	20%	71V
C1402	1-114-243-11	ELECT (BLOCK)	8200uF	20%	71V
C1403	1-137-350-11	FILM	0.015uF	5%	100V
C1404	1-137-350-11	FILM	0.015uF	5%	100V
C1405	1-104-999-11	MYLAR	0.1uF	5%	200V
C1406	1-127-888-11	CERAMIC	0.1uF	10%	50V
C1408	1-112-422-11	ELECT	470uF	20%	25V
C1409	1-112-422-11	ELECT	470uF	20%	25V
C1410	1-127-888-11	CERAMIC	0.1uF	10%	50V
C1411	1-127-888-11	CERAMIC	0.1uF	10%	50V
C1414	1-127-888-11	CERAMIC	0.1uF	10%	50V
C1415	1-112-422-11	ELECT	470uF	20%	25V
C1416	1-112-422-11	ELECT	470uF	20%	25V
C1417	1-127-888-11	CERAMIC	0.1uF	10%	50V
C1418	1-112-422-11	ELECT	470uF	20%	25V
C1419	1-127-888-11	CERAMIC	0.1uF	10%	50V
C1420	1-127-888-11	CERAMIC	0.1uF	10%	50V
C1421	1-112-422-11	ELECT	470uF	20%	25V
C1422	1-137-350-11	FILM	0.015uF	5%	100V
C1423	1-137-350-11	FILM	0.015uF	5%	100V
C1424	1-114-262-21	ELECT	2200uF	20%	25V
C1425	1-114-262-21	ELECT	2200uF	20%	25V
C1428	1-104-999-11	MYLAR	0.1uF	5%	200V
C4001	1-128-809-11	CERAMIC	100PF	5%	50V
C4002	1-128-809-11	CERAMIC	100PF	5%	50V
C4003	1-128-809-11	CERAMIC	100PF	5%	50V
C4004	1-137-395-91	MYLAR	0.022uF	5%	100V
C4005	1-137-395-91	MYLAR	0.022uF	5%	100V
C4006	1-128-809-11	CERAMIC	100PF	5%	50V
C4007	1-128-809-11	CERAMIC	100PF	5%	50V
C4008	1-137-395-91	MYLAR	0.022uF	5%	100V
C5216	1-112-077-11	ELECT	1000uF	20%	6.3V
< CONNECTOR >					
CN1401	1-564-320-00	PIN, CONNECTOR (3.96mm PITCH) 2P			
CNP1001	1-784-930-11	PIN, CONNECTOR 15P			
CNP1002	1-794-006-11	CONNECTOR 20P			
CNP1003	1-794-004-11	CONNECTOR 17P			
CNP1203	1-573-847-11	CONNECTOR, BOARD TO BOARD 15P			
CNP1204	1-770-594-21	CONNECTOR, BOARD TO BOARD 5P			
CNP1205	1-794-003-11	CONNECTOR 15P			
CNP1403	1-785-103-11	PIN, CONNECTOR (3.96mm PITCH) 5P			
CNP1404	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
CNP1405	1-785-102-11	PIN, CONNECTOR (3.96mm PITCH) 4P			
< DIODE >					
D1001	8-719-991-33	DIODE	1SS133T-77		

Ref. No.	Part No.	Description	Remark
D1002	8-719-991-33	DIODE	1SS133T-77
D1003	8-719-991-33	DIODE	1SS133T-77
D1004	8-719-991-33	DIODE	1SS133T-77
D1005	8-719-991-33	DIODE	1SS133T-77
D1101	8-719-991-33	DIODE	1SS133T-77
D1102	8-719-991-33	DIODE	1SS133T-77
D1103	8-719-991-33	DIODE	1SS133T-77
D1104	8-719-991-33	DIODE	1SS133T-77
D1401	8-719-302-38	DIODE	RBV-602-01
D1402	8-719-921-63	DIODE	MTZJ-7.5B
D1403	8-719-991-33	DIODE	1SS133T-77
D1405	6-500-522-11	DIODE	10EDB40-TA2B5
D1406	6-500-522-11	DIODE	10EDB40-TA2B5
D1407	6-500-522-11	DIODE	10EDB40-TA2B5
D1408	6-500-522-11	DIODE	10EDB40-TA2B5
D1410	6-500-522-11	DIODE	10EDB40-TA2B5
D1411	8-719-302-37	DIODE	RBV-602
D1412	8-719-991-33	DIODE	1SS133T-77
D1413	8-719-991-33	DIODE	1SS133T-77
D1414	8-719-991-33	DIODE	1SS133T-77
D4001	8-719-991-33	DIODE	1SS133T-77
D4002	8-719-991-33	DIODE	1SS133T-77
D4003	8-719-991-33	DIODE	1SS133T-77
< FUSE HOLDER >			
FH1401	1-533-313-11	FUSE HOLDER	
FH1402	1-533-313-11	FUSE HOLDER	
FH1451	1-533-313-11	FUSE HOLDER	
FH1452	1-533-313-11	FUSE HOLDER	
< IC >			
IC1001	6-709-811-01	IC	TC9274CNG-016
IC1201	8-759-167-88	IC	NJM4565D
IC1211	8-759-167-88	IC	NJM4565D
IC1221	8-759-167-88	IC	NJM4565D
IC1231	8-759-167-88	IC	NJM4565D
IC1301	6-709-809-01	IC	TC9273CFG-012 (EL)
IC1302	8-759-167-88	IC	NJM4565D
IC1303	8-759-167-88	IC	NJM4565D
IC1401	8-759-231-59	IC	TA7815S
IC1402	8-759-245-87	IC	TA79015S
IC1405	6-702-771-01	IC	TA78033LS
IC1406	8-759-496-15	IC	BA05ST-V5
IC1407	8-759-245-79	IC	TA79005S
IC1408	6-703-550-01	IC	TA7809LS
< JACK >			
J1001	1-794-981-11	JACK, PIN 4P (MULTI CHANNEL INPUT FRONT L/FRONT R/SURROUND L/SURROUND R)	
J1002	1-766-398-21	JACK, PIN 4P (MULTI CHANNEL INPUT SUR BACK L/SUR BACK R/CENTER/SUB WOOFER)	
J1101	1-794-981-11	JACK, PIN 4P (PREOUT FRONT L/FRONT R/SURROUND L/SURROUND R)	
J1102	1-766-398-21	JACK, PIN 4P (PREOUT SUR BACK L/SUR BACK R/CENTER/SUB WOOFER)	

Ref. No.	Part No.	Description					Remark	Ref. No.	Part No.	Description					Remark
< TRANSISTOR >								R1127	1-259-404-61	CARBON	100	5%	1/6W		
								R1130	1-259-404-61	CARBON	100	5%	1/6W		
Q1101	8-729-119-78	TRANSISTOR	2SC2785-HFE					R1131	1-259-404-61	CARBON	100	5%	1/6W		
Q1102	8-729-119-78	TRANSISTOR	2SC2785-HFE					R1134	1-259-404-61	CARBON	100	5%	1/6W		
Q1103	8-729-119-78	TRANSISTOR	2SC2785-HFE					R1135	1-259-404-61	CARBON	100	5%	1/6W		
Q1104	8-729-119-78	TRANSISTOR	2SC2785-HFE												
Q1401	8-729-119-78	TRANSISTOR	2SC2785-HFE					R1137	1-259-476-61	CARBON	100K	5%	1/6W		
								R1138	1-259-476-61	CARBON	100K	5%	1/6W		
Q1402	8-729-119-78	TRANSISTOR	2SC2785-HFE					R1139	1-259-476-61	CARBON	100K	5%	1/6W		
Q1404	8-729-119-78	TRANSISTOR	2SC2785-HFE					R1140	1-259-476-61	CARBON	100K	5%	1/6W		
Q1406	8-729-119-76	TRANSISTOR	2SA1175-HFE					R1141	1-259-476-61	CARBON	100K	5%	1/6W		
Q1408	8-729-029-86	TRANSISTOR	DTC124ESA												
Q1410	8-729-029-86	TRANSISTOR	DTC124ESA					R1142	1-259-476-61	CARBON	100K	5%	1/6W		
								R1143	1-259-476-61	CARBON	100K	5%	1/6W		
Q4001	8-729-119-78	TRANSISTOR	2SC2785-HFE					R1144	1-259-476-61	CARBON	100K	5%	1/6W		
Q4002	8-729-119-78	TRANSISTOR	2SC2785-HFE					R1201	1-259-476-61	CARBON	100K	5%	1/6W		
Q4003	8-729-119-78	TRANSISTOR	2SC2785-HFE					R1211	1-259-476-61	CARBON	100K	5%	1/6W		
Q5211	8-729-209-15	TRANSISTOR	2SD2012												
< RESISTOR >								R1221	1-259-476-61	CARBON	100K	5%	1/6W		
								R1231	1-259-476-61	CARBON	100K	5%	1/6W		
R1001	1-249-441-11	CARBON	100K	5%	1/4W			R1251	1-259-476-61	CARBON	100K	5%	1/6W		
R1002	1-249-441-11	CARBON	100K	5%	1/4W			R1261	1-259-476-61	CARBON	100K	5%	1/6W		
R1003	1-249-441-11	CARBON	100K	5%	1/4W			R1271	1-259-476-61	CARBON	100K	5%	1/6W		
R1004	1-249-441-11	CARBON	100K	5%	1/4W										
R1005	1-249-441-11	CARBON	100K	5%	1/4W			R1281	1-259-476-61	CARBON	100K	5%	1/6W		
								△R1301	1-249-399-11	CARBON	33	5%	1/4W F		
R1006	1-249-441-11	CARBON	100K	5%	1/4W			△R1302	1-249-399-11	CARBON	33	5%	1/4W F		
R1007	1-249-441-11	CARBON	100K	5%	1/4W			R1303	1-259-452-61	CARBON	10K	5%	1/6W		
R1008	1-249-441-11	CARBON	100K	5%	1/4W			R1304	1-259-452-61	CARBON	10K	5%	1/6W		
R1010	1-249-417-11	CARBON	1K	5%	1/4W										
R1011	1-249-417-11	CARBON	1K	5%	1/4W			R1305	1-259-452-61	CARBON	10K	5%	1/6W		
								R1306	1-259-452-61	CARBON	10K	5%	1/6W		
R1012	1-249-417-11	CARBON	1K	5%	1/4W			R1307	1-259-452-61	CARBON	10K	5%	1/6W		
R1013	1-249-417-11	CARBON	1K	5%	1/4W			R1308	1-259-452-61	CARBON	10K	5%	1/6W		
R1014	1-249-417-11	CARBON	1K	5%	1/4W			R1309	1-259-452-61	CARBON	10K	5%	1/6W		
R1015	1-249-417-11	CARBON	1K	5%	1/4W										
R1016	1-249-417-11	CARBON	1K	5%	1/4W			R1310	1-259-452-61	CARBON	10K	5%	1/6W		
								R1311	1-259-456-61	CARBON	15K	5%	1/6W		
R1017	1-249-417-11	CARBON	1K	5%	1/4W			R1312	1-259-456-61	CARBON	15K	5%	1/6W		
R1018	1-249-417-11	CARBON	1K	5%	1/4W			R1313	1-247-847-91	CARBON	4.7K	5%	1/4W		
R1101	1-259-428-61	CARBON	1K	5%	1/6W			R1314	1-247-847-91	CARBON	4.7K	5%	1/4W		
R1102	1-259-428-61	CARBON	1K	5%	1/6W										
R1103	1-259-428-61	CARBON	1K	5%	1/6W			R1315	1-259-456-61	CARBON	15K	5%	1/6W		
								R1316	1-259-456-61	CARBON	15K	5%	1/6W		
R1104	1-259-428-61	CARBON	1K	5%	1/6W			R1317	1-249-417-11	CARBON	1K	5%	1/4W		
R1105	1-259-428-61	CARBON	1K	5%	1/6W			△R1401	1-249-407-11	CARBON	150	5%	1/4W F		
R1106	1-259-428-61	CARBON	1K	5%	1/6W			R1403	1-249-421-11	CARBON	2.2K	5%	1/4W		
R1107	1-259-428-61	CARBON	1K	5%	1/6W										
R1108	1-259-428-61	CARBON	1K	5%	1/6W			R1404	1-249-429-11	CARBON	10K	5%	1/4W		
								△R1405	1-249-393-11	CARBON	10	5%	1/4W F		
R1109	1-247-847-91	CARBON	4.7K	5%	1/4W			△R1407	1-215-867-00	METAL OXIDE	470	5%	1W F		
R1110	1-247-847-91	CARBON	4.7K	5%	1/4W			△R1408	1-215-867-00	METAL OXIDE	470	5%	1W F		
R1111	1-247-847-91	CARBON	4.7K	5%	1/4W			R1409	1-249-409-11	CARBON	220	5%	1/4W		
R1112	1-247-847-91	CARBON	4.7K	5%	1/4W										
R1113	1-249-429-11	CARBON	10K	5%	1/4W			R1411	1-247-847-91	CARBON	4.7K	5%	1/4W		
								R1412	1-247-847-91	CARBON	4.7K	5%	1/4W		
R1114	1-249-429-11	CARBON	10K	5%	1/4W			R1416	1-249-429-11	CARBON	10K	5%	1/4W		
R1115	1-249-429-11	CARBON	10K	5%	1/4W			△R1417	1-249-393-11	CARBON	10	5%	1/4W F		
R1116	1-249-429-11	CARBON	10K	5%	1/4W			△R1418	1-249-407-11	CARBON	150	5%	1/4W F		
△R1117	1-249-393-11	CARBON	10	5%	1/4W F			△R4001	1-249-393-11	CARBON	10	5%	1/4W F		
△R1118	1-249-393-11	CARBON	10	5%	1/4W F			△R4002	1-249-393-11	CARBON	10	5%	1/4W F		
								△R4003	1-249-393-11	CARBON	10	5%	1/4W F		
△R1119	1-249-393-11	CARBON	10	5%	1/4W F			R4006	1-249-393-11	CARBON	10	5%	1/4W		
△R1120	1-249-393-11	CARBON	10	5%	1/4W F			R4007	1-249-393-11	CARBON	10	5%	1/4W		
R1122	1-259-404-61	CARBON	100	5%	1/6W										
R1123	1-259-404-61	CARBON	100	5%	1/6W			R4008	1-249-393-11	CARBON	10	5%	1/4W		
R1126	1-259-404-61	CARBON	100	5%	1/6W			R4009	1-249-429-11	CARBON	10K	5%	1/4W		
								R4010	1-249-429-11	CARBON	10K	5%	1/4W		

STR-DA3200ES/DG1000

MAIN	MIC	POWER AMP	POWER SW
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Ref. No.	Part No.	Description	Remark		
R4011	1-249-429-11	CARBON	10K	5%	1/4W
△R4012	1-249-393-11	CARBON	10	5%	1/4W F
△R4013	1-249-393-11	CARBON	10	5%	1/4W F
△R4014	1-249-393-11	CARBON	10	5%	1/4W F
< RELAY >					
RY1101	1-755-486-11	RELAY			
RY1102	1-755-486-11	RELAY			
RY1103	1-755-486-11	RELAY			
RY1104	1-755-486-11	RELAY			
RY1401	1-755-486-11	RELAY			
RY1402	1-755-031-11	RELAY			
RY4001	1-515-920-11	RELAY (24V)			
RY4002	1-515-920-11	RELAY (24V)			
RY4003	1-515-920-11	RELAY (24V)			
< TERMINAL >					
TM4001	1-780-405-11	TERMINAL BOARD (SP) (2P)			
		(SPEAKERS CENTER)			
TM4002	1-780-404-11	TERMINAL BOARD (SP) (8P)			
		(SPEAKERS FRONT A/B)			

MIC BOARD					

< CAPACITOR >					
C755	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
< CONNECTOR >					
CN718	1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P			
< JACK >					
J701	1-820-056-11	SMALL TYPE JACK (AUTO CAL MIC)			
< LEAD >					
W701	1-775-377-21	LEAD (WITH CONNECTOR)			

POWER AMP BOARD					

< CAPACITOR >					
C1512	1-107-597-11	CERAMIC	22PF	5%	500V
C1513	1-107-597-11	CERAMIC	22PF	5%	500V
C1562	1-107-597-11	CERAMIC	22PF	5%	500V
C1563	1-107-597-11	CERAMIC	22PF	5%	500V
C1612	1-107-597-11	CERAMIC	22PF	5%	500V
C1613	1-107-597-11	CERAMIC	22PF	5%	500V
C1712	1-107-597-11	CERAMIC	22PF	5%	500V
C1713	1-107-597-11	CERAMIC	22PF	5%	500V
C1762	1-107-597-11	CERAMIC	22PF	5%	500V
C1763	1-107-597-11	CERAMIC	22PF	5%	500V
C1812	1-107-597-11	CERAMIC	22PF	5%	500V
C1813	1-107-597-11	CERAMIC	22PF	5%	500V
C1862	1-107-597-11	CERAMIC	22PF	5%	500V
C1863	1-107-597-11	CERAMIC	22PF	5%	500V
C1903	1-112-857-21	ELECT	100uF	20%	100V

Ref. No.	Part No.	Description	Remark		
C1904	1-112-857-21	ELECT	100uF	20%	100V
< CONNECTOR >					
CN1901	1-785-102-11	PIN, CONNECTOR (3.96mm PITCH) 4P			
CNP1903	1-573-844-11	CONNECTOR, BOARD TO BOARD 12P			
CNP1904	1-573-844-11	CONNECTOR, BOARD TO BOARD 12P			
< COIL >					
L1501	1-420-872-52	COIL, AIR-CORE			
L1551	1-420-872-52	COIL, AIR-CORE			
L1601	1-420-872-52	COIL, AIR-CORE			
L1701	1-420-872-52	COIL, AIR-CORE			
L1751	1-420-872-52	COIL, AIR-CORE			
L1801	1-420-872-52	COIL, AIR-CORE			
L1851	1-420-872-52	COIL, AIR-CORE			
< RESISTOR >					
△R1515	1-249-405-11	CARBON	100	5%	1/4W F
△R1516	1-234-572-21	ENCAPSULATED COMPONENT			F
△R1517	1-249-405-11	CARBON	100	5%	1/4W F
△R1518	1-249-393-11	CARBON	10	5%	1/4W F
△R1565	1-249-405-11	CARBON	100	5%	1/4W F
△R1566	1-234-572-21	ENCAPSULATED COMPONENT			F
△R1567	1-249-405-11	CARBON	100	5%	1/4W F
△R1568	1-249-393-11	CARBON	10	5%	1/4W F
△R1615	1-249-405-11	CARBON	100	5%	1/4W F
△R1616	1-234-572-21	ENCAPSULATED COMPONENT			F
△R1617	1-249-405-11	CARBON	100	5%	1/4W F
△R1618	1-249-393-11	CARBON	10	5%	1/4W F
△R1715	1-249-405-11	CARBON	100	5%	1/4W F
△R1716	1-234-572-21	ENCAPSULATED COMPONENT			F
△R1717	1-249-405-11	CARBON	100	5%	1/4W F
△R1718	1-249-393-11	CARBON	10	5%	1/4W F
△R1765	1-249-405-11	CARBON	100	5%	1/4W F
△R1766	1-234-572-21	ENCAPSULATED COMPONENT			F
△R1767	1-249-405-11	CARBON	100	5%	1/4W F
△R1768	1-249-393-11	CARBON	10	5%	1/4W F
△R1815	1-249-405-11	CARBON	100	5%	1/4W F
△R1816	1-234-572-21	ENCAPSULATED COMPONENT			F
△R1817	1-249-405-11	CARBON	100	5%	1/4W F
△R1818	1-249-393-11	CARBON	10	5%	1/4W F
△R1865	1-249-405-11	CARBON	100	5%	1/4W F
△R1866	1-234-572-21	ENCAPSULATED COMPONENT			F
△R1867	1-249-405-11	CARBON	100	5%	1/4W F
△R1868	1-249-393-11	CARBON	10	5%	1/4W F

POWER SW BOARD					

< CONNECTOR >					
CN1	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P			
CN2	1-564-704-41	PIN, CONNECTOR (SMALL TYPE) 2P			
< SWITCH >					
△SW1	1-786-377-11	SWITCH, POWER (POWER)			

SP TERMINAL

S-VIDEO

Ref. No.	Part No.	Description	Remark			
SP TERMINAL BOARD						

< CAPACITOR >						
C4101	1-137-395-91	MYLAR	0.022uF	5%	100V	
C4102	1-137-395-91	MYLAR	0.022uF	5%	100V	
C4103	1-137-395-91	MYLAR	0.022uF	5%	100V	
C4104	1-137-395-91	MYLAR	0.022uF	5%	100V	
C4105	1-128-809-11	CERAMIC	100PF	5%	50V	
C4106	1-128-809-11	CERAMIC	100PF	5%	50V	
C4107	1-128-809-11	CERAMIC	100PF	5%	50V	
C4108	1-128-809-11	CERAMIC	100PF	5%	50V	
< CONNECTOR >						
CNP4101	1-785-105-11	PIN, CONNECTOR (3.96mm PITCH) 7P				
CNP4102	1-785-104-11	PIN, CONNECTOR (3.96mm PITCH) 6P				
CNP4103	1-784-921-11	PIN, CONNECTOR 4P				
CNP4104	1-785-101-11	PIN, CONNECTOR (3.96mm PITCH) 3P				
< DIODE >						
D4101	8-719-991-33	DIODE 1SS133T-77				
D4102	8-719-991-33	DIODE 1SS133T-77				
< TRANSISTOR >						
Q4101	8-729-119-78	TRANSISTOR 2SC2785-HFE				
Q4102	8-729-119-78	TRANSISTOR 2SC2785-HFE				
< RESISTOR >						
R4101	1-249-393-11	CARBON	10	5%	1/4W	
R4102	1-249-393-11	CARBON	10	5%	1/4W	
△ R4103	1-249-393-11	CARBON	10	5%	1/4W	F
R4104	1-249-429-11	CARBON	10K	5%	1/4W	
△ R4105	1-249-393-11	CARBON	10	5%	1/4W	F
R4106	1-249-429-11	CARBON	10K	5%	1/4W	
△ R4107	1-249-393-11	CARBON	10	5%	1/4W	F
△ R4108	1-249-393-11	CARBON	10	5%	1/4W	F
△ R4109	1-249-393-11	CARBON	10	5%	1/4W	F
△ R4110	1-249-393-11	CARBON	10	5%	1/4W	F
< RELAY >						
RY4101	1-515-920-11	RELAY (24V)				
RY4102	1-515-920-11	RELAY (24V)				
< TERMINAL >						
TM4101	1-780-404-11	TERMINAL BOARD (SP) (8P) (SPEAKERS SURROUND/SURROUND BACK)				

A-1183-246-A S-VIDEO BOARD, COMPLETE

< CAPACITOR >

C6901	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C6902	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C6906	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C6907	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C6908	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V

Ref. No.	Part No.	Description	Remark			
C6909	1-126-964-11	ELECT	10uF	20%	50V	
C6910	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
C6911	1-126-964-11	ELECT	10uF	20%	50V	
C6912	1-126-964-11	ELECT	10uF	20%	50V	
C6915	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
C6917	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
C6918	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
C6919	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
C6920	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	
C6921	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	
C6922	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
C6923	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
C6924	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	
C6925	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	
C6926	1-126-947-11	ELECT	47uF	20%	35V	
C6927	1-126-947-11	ELECT	47uF	20%	35V	
C6928	1-126-964-11	ELECT	10uF	20%	50V	
C6929	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
C6930	1-126-947-11	ELECT	47uF	20%	35V	
C6931	1-126-947-11	ELECT	47uF	20%	35V	
< CONNECTOR >						
CNP6901	1-784-922-11	PIN, CONNECTOR 5P				
CNP6902	1-779-977-11	PIN, CONNECTOR 6P				
CNS6903	1-779-283-11	CONNECTOR, FFC (LIF (NON-ZIF)) 15P				
< DIODE >						
D6901	8-719-988-61	DIODE 1SS355TE-17				
D6902	8-719-988-61	DIODE 1SS355TE-17				
< FERRITE BEAD >						
FB6901	1-469-152-11	FERRITE, EMI (SMD) (2012)				
FB6902	1-469-152-11	FERRITE, EMI (SMD) (2012)				
FB6903	1-469-152-11	FERRITE, EMI (SMD) (2012)				
FB6904	1-469-152-11	FERRITE, EMI (SMD) (2012)				
< IC >						
IC6901	6-700-050-01	IC NJM2596M (TE2)				
IC6902	6-704-199-01	IC NJM2595M-TE2				
< JACK >						
J6901	1-537-943-11	CONNECTOR (DIN) 1P (S VIDEO MONITOR OUT)				
J6902	1-794-937-11	CONNECTOR (DIN) 2P (DVD/TV/SAT S VIDEO IN)				
J6904	1-794-937-11	CONNECTOR (DIN) 2P (VIDEO 1 S VIDEO IN/OUT)				
< RESISTOR >						
R6901	1-216-864-11	SHORT CHIP	0			
R6902	1-216-864-11	SHORT CHIP	0			
R6904	1-216-864-11	SHORT CHIP	0			
R6905	1-218-285-11	METAL CHIP	75	5%	1/10W	
R6906	1-218-285-11	METAL CHIP	75	5%	1/10W	
R6907	1-218-285-11	METAL CHIP	75	5%	1/10W	
R6908	1-218-285-11	METAL CHIP	75	5%	1/10W	
R6909	1-218-285-11	METAL CHIP	75	5%	1/10W	
R6911	1-218-285-11	METAL CHIP	75	5%	1/10W	
R6912	1-218-285-11	METAL CHIP	75	5%	1/10W	

STR-DA3200ES/DG1000

S-VIDEO

VIDEO

Ref. No.	Part No.	Description	Remark		
R6917	1-218-285-11	METAL CHIP	75	5%	1/10W
R6919	1-218-285-11	METAL CHIP	75	5%	1/10W
R6923	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6924	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6925	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6927	1-218-285-11	METAL CHIP	75	5%	1/10W
R6928	1-216-813-11	METAL CHIP	220	5%	1/10W
R6929	1-216-813-11	METAL CHIP	220	5%	1/10W
R6930	1-216-813-11	METAL CHIP	220	5%	1/10W
R6931	1-216-813-11	METAL CHIP	220	5%	1/10W
R6932	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6933	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6934	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6935	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6936	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6937	1-216-864-11	SHORT CHIP	0		
R6938	1-216-864-11	SHORT CHIP	0		

A-1183-238-A	VIDEO BOARD, COMPLETE (DA3200ES: AEP, UK)				
A-1183-465-A	VIDEO BOARD, COMPLETE (DA3200ES: US, CND, TW)				
A-1202-211-A	VIDEO BOARD, COMPLETE (DG1000) *****				
< CAPACITOR >					
C6101	1-126-964-11	ELECT	10uF	20%	50V
C6102	1-126-964-11	ELECT	10uF	20%	50V
C6103	1-126-964-11	ELECT	10uF	20%	50V
C6104	1-126-964-11	ELECT	10uF	20%	50V
C6105	1-126-964-11	ELECT	10uF	20%	50V
C6106	1-126-964-11	ELECT	10uF	20%	50V
C6107	1-126-964-11	ELECT	10uF	20%	50V
C6108	1-126-964-11	ELECT	10uF	20%	50V
C6109	1-126-964-11	ELECT	10uF	20%	50V
C6110	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6111	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6112	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6113	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6114	1-126-947-11	ELECT	47uF	20%	35V
C6115	1-126-947-11	ELECT	47uF	20%	35V
C6116	1-126-964-11	ELECT	10uF	20%	50V
C6117	1-126-947-11	ELECT	47uF	20%	35V
C6118	1-126-964-11	ELECT	10uF	20%	50V
C6119	1-126-964-11	ELECT	10uF	20%	50V
C6120	1-126-964-11	ELECT	10uF	20%	50V
C6121	1-126-964-11	ELECT	10uF	20%	50V
C6122	1-126-964-11	ELECT	10uF	20%	50V
C6123	1-126-964-11	ELECT	10uF	20%	50V
C6124	1-126-964-11	ELECT	10uF	20%	50V
C6125	1-126-964-11	ELECT	10uF	20%	50V
C6126	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6127	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6128	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6301	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6302	1-126-964-11	ELECT	10uF	20%	50V
C6303	1-126-964-11	ELECT	10uF	20%	50V

Ref. No.	Part No.	Description	Remark		
C6304	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6305	1-126-947-11	ELECT	47uF	20%	35V
C6306	1-126-947-11	ELECT	47uF	20%	35V
C6307	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6308	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6309	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6310	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6311	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6312	1-126-916-11	ELECT	1000uF	20%	6.3V
C6313	1-104-665-11	ELECT	100uF	20%	25V
C6314	1-126-962-11	ELECT	3.3uF	20%	50V
C6315	1-126-964-11	ELECT	10uF	20%	50V
C6316	1-126-964-11	ELECT	10uF	20%	50V
C6317	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6318	1-126-947-11	ELECT	47uF	20%	35V
C6319	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C6320	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C6321	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C6322	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C6323	1-104-665-11	ELECT	100uF	20%	25V
C6324	1-126-947-11	ELECT	47uF	20%	35V
C6325	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6326	1-126-947-11	ELECT	47uF	20%	35V
C6327	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6328	1-126-947-11	ELECT	47uF	20%	35V
C6332	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V
C6333	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6334	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V
C6335	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V
C6336	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6337	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V
C6338	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6339	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C6340	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C6341	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6342	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C6343	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C6344	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C6345	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C6346	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6347	1-162-921-11	CERAMIC CHIP	33PF	5%	50V
C6348	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6349	1-162-921-11	CERAMIC CHIP	33PF	5%	50V
C6350	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6401	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C6402	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C6403	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C6404	1-126-964-11	ELECT	10uF	20%	50V
C6405	1-126-964-11	ELECT	10uF	20%	50V
C6406	1-126-964-11	ELECT	10uF	20%	50V
C6407	1-126-964-11	ELECT	10uF	20%	50V
C6408	1-126-964-11	ELECT	10uF	20%	50V
C6409	1-126-964-11	ELECT	10uF	20%	50V
C6410	1-126-964-11	ELECT	10uF	20%	50V
C6411	1-126-964-11	ELECT	10uF	20%	50V
C6412	1-126-947-11	ELECT	47uF	20%	35V
C6413	1-126-947-11	ELECT	47uF	20%	35V
C6414	1-126-947-11	ELECT	47uF	20%	35V

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C6415	1-126-947-11	ELECT	47uF	20%	35V	C6802	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6416	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C6804	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6417	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C6805	1-126-933-11	ELECT	100uF	20%	16V
C6418	1-162-923-11	CERAMIC CHIP	47PF	5%	50V	C6806	1-126-933-11	ELECT	100uF	20%	16V
C6419	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C6807	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C6420	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C6808	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C6421	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	< CONNECTOR >					
C6422	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	CN6801	1-794-002-11	CONNECTOR 13P (DA3200ES)			
C6423	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	CN6802	1-779-283-11	CONNECTOR, FFC (LIF (NON-ZIF)) 15P			
C6424	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	CN6803	1-784-927-11	PIN, CONNECTOR 12P			
C6425	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	CN6804	1-784-923-11	PIN, CONNECTOR 7P			
C6426	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	CN6805	1-779-977-11	PIN, CONNECTOR 6P			
C6427	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	CN6806	1-691-769-11	PLUG (MICRO CONNECTOR) 7P			
C6428	1-162-923-11	CERAMIC CHIP	47PF	5%	50V	CN6807	1-784-922-11	PIN, CONNECTOR 5P			
C6429	1-162-923-11	CERAMIC CHIP	47PF	5%	50V	CN6808	1-794-005-11	CONNECTOR 19P			
C6430	1-126-964-11	ELECT	10uF	20%	50V	< TRIMMER >					
C6431	1-126-964-11	ELECT	10uF	20%	50V	CT6501	1-141-442-91	CAP, CERAMIC TRIMMER			
C6501	1-162-921-11	CERAMIC CHIP	33PF	5%	50V	(DA3200ES: US, CND, TW/DG1000)					
C6502	1-162-917-11	CERAMIC CHIP	15PF	5%	50V	CT6502	1-141-442-91	CAP, CERAMIC TRIMMER (DA3200ES: AEP, UK)			
C6503	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	CT6503	1-141-442-91	CAP, CERAMIC TRIMMER (DA3200ES: AEP, UK)			
C6504	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	< DIODE >					
C6506	1-126-964-11	ELECT	10uF	20%	50V	D6101	8-719-988-61	DIODE 1SS355TE-17			
C6507	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	D6301	8-719-988-61	DIODE 1SS355TE-17			
C6508	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	D6302	8-719-988-61	DIODE 1SS355TE-17			
C6509	1-162-919-11	CERAMIC CHIP	22PF	5%	50V	D6401	8-719-988-61	DIODE 1SS355TE-17			
C6510	1-162-913-11	CERAMIC CHIP	8PF	0.5PF	50V	D6402	8-719-988-61	DIODE 1SS355TE-17			
(DA3200ES: US, CND, TW/DG1000)						D6801	8-719-988-61	DIODE 1SS355TE-17			
C6511	1-126-947-11	ELECT	47uF	20%	35V	D6802	8-719-988-61	DIODE 1SS355TE-17			
C6512	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	< FERRITE BEAD >					
C6513	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	FB6301	1-469-152-11	FERRITE, EMI (SMD) (2012)			
(DA3200ES: AEP, UK)						FB6302	1-469-152-11	FERRITE, EMI (SMD) (2012)			
C6514	1-126-947-11	ELECT	47uF	20%	35V	FB6303	1-469-152-11	FERRITE, EMI (SMD) (2012)			
(DA3200ES: AEP, UK)						FB6501	1-469-152-11	FERRITE, EMI (SMD) (2012)			
C6515	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	FB6502	1-414-813-11	FERRITE, EMI (SMD) (2012)			
(DA3200ES: AEP, UK)						(DA3200ES: AEP, UK)					
C6516	1-162-919-11	CERAMIC CHIP	22PF	5%	50V	< IC >					
(DA3200ES: AEP, UK)						IC6101	6-706-767-01	IC NJM2586AM			
C6517	1-162-913-11	CERAMIC CHIP	8PF	0.5PF	50V	IC6102	6-706-892-01	IC SM5302AS-G-ET			
(DA3200ES: AEP, UK)						IC6301	8-759-682-76	IC BA7622F-E2-A			
C6518	1-162-919-11	CERAMIC CHIP	22PF	5%	50V	IC6302	8-759-671-94	IC MC74HC4053AFEL			
(DA3200ES: AEP, UK)						IC6303	8-759-671-94	IC MC74HC4053AFEL			
C6701	1-126-947-11	ELECT	47uF	20%	35V	IC6304	8-759-564-49	IC TC7W53FU (TE12R)			
C6702	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	IC6305	8-759-822-05	IC LA7213			
C6703	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	IC6306	8-759-682-76	IC BA7622F-E2-A			
C6704	1-126-947-11	ELECT	47uF	20%	35V	IC6307	6-706-928-01	IC TE8200PF			
C6705	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	IC6308	6-705-468-01	IC BA33BC0FP-E2			
C6706	1-126-947-11	ELECT	47uF	20%	35V	IC6401	6-704-199-01	IC NJM2595M-TE2			
C6707	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	IC6402	6-704-199-01	IC NJM2595M-TE2			
C6708	1-126-947-11	ELECT	47uF	20%	35V	IC6501	6-700-367-01	IC MB90089PF-G-238-BND			
C6709	1-126-947-11	ELECT	47uF	20%	35V	IC6502	8-759-032-01	IC MC74HC00AF (DA3200ES: AEP, UK)			
C6710	1-126-947-11	ELECT	47uF	20%	35V	IC6503	8-759-242-70	IC TC7WU04F (DA3200ES: AEP, UK)			
C6711	1-126-947-11	ELECT	47uF	20%	35V						
C6712	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						
C6713	1-126-947-11	ELECT	47uF	20%	35V						
C6714	1-126-947-11	ELECT	47uF	20%	35V						
C6716	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						
C6717	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						
C6801	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						

STR-DA3200ES/DG1000

VIDEO

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
IC6701	8-759-663-94	IC LA7106M-TLM		Q6305	1-801-806-11	TRANSISTOR	DTC144EKA-T146
IC6702	8-759-663-94	IC LA7106M-TLM		Q6306	8-729-216-31	TRANSISTOR	2SA1163-G
IC6703	8-759-671-94	IC MC74HC4053AFEL		Q6307	8-729-216-31	TRANSISTOR	2SA1163-G
IC6801	8-759-238-47	IC TC74HCT7007AF (EL)		Q6501	8-729-140-97	TRANSISTOR	2SB734-34
IC6802	8-759-268-29	IC SN74HC595ANS		Q6502	8-729-027-43	TRANSISTOR	DTC114EKA-T146
IC6803	8-759-268-29	IC SN74HC595ANS		Q6503	8-729-216-31	TRANSISTOR	2SA1163-G
		< JACK >		Q6504	8-729-216-31	TRANSISTOR	2SA1163-G
J6101	1-815-360-11	JACK, PIN 3P (COMPONENT VIDEO MONITOR OUT)				< RESISTOR >	
J6102	1-816-592-11	JACK, PIN 9P (COMPONENT VIDEO ASSIGNABLE TV/SAT/DVD/VIDEO 1 IN)		R6101	1-211-990-11	METAL CHIP	75 0.5% 1/10W
J6401	1-794-978-11	JACK, PIN 3P (VIDEO MONITOR OUT, TV/SAT/ DVD VIDEO IN)		R6102	1-211-990-11	METAL CHIP	75 0.5% 1/10W
J6402	1-794-978-11	JACK, PIN 3P (VIDEO 1/VIDEO 2 VIDEO OUT, VIDEO 2 VIDEO IN)		R6103	1-211-990-11	METAL CHIP	75 0.5% 1/10W
J6403	1-815-043-11	JACK, PIN 2P (VIDEO 1 VIDEO IN, ZONE 2 VIDEO OUT)		R6104	1-211-990-11	METAL CHIP	75 0.5% 1/10W
		< JUMPER RESISTOR >		R6105	1-211-990-11	METAL CHIP	75 0.5% 1/10W
JW6801	1-216-864-11	SHORT CHIP	0	R6106	1-211-990-11	METAL CHIP	75 0.5% 1/10W
JW6802	1-216-864-11	SHORT CHIP	0	R6107	1-211-990-11	METAL CHIP	75 0.5% 1/10W
JW6803	1-216-864-11	SHORT CHIP	0	R6108	1-211-990-11	METAL CHIP	75 0.5% 1/10W
JW6804	1-216-864-11	SHORT CHIP	0	R6109	1-211-990-11	METAL CHIP	75 0.5% 1/10W
JW6805	1-216-864-11	SHORT CHIP	0	R6110	1-211-990-11	METAL CHIP	75 0.5% 1/10W
JW6807	1-216-864-11	SHORT CHIP	0	R6111	1-211-990-11	METAL CHIP	75 0.5% 1/10W
JW6808	1-216-864-11	SHORT CHIP	0	R6112	1-211-990-11	METAL CHIP	75 0.5% 1/10W
JW6809	1-216-864-11	SHORT CHIP	0	R6113	1-216-833-11	METAL CHIP	10K 5% 1/10W
JW6810	1-216-864-11	SHORT CHIP	0	R6120	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
JW6811	1-216-864-11	SHORT CHIP	0	△ R6121	1-249-393-11	CARBON	10 5% 1/4W F
JW6812	1-216-864-11	SHORT CHIP	0	R6131	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
JW6813	1-216-864-11	SHORT CHIP	0	R6132	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
JW6814	1-216-864-11	SHORT CHIP	0	R6133	1-218-831-11	METAL CHIP	220 0.5% 1/10W
JW6815	1-216-864-11	SHORT CHIP	0	R6134	1-218-831-11	METAL CHIP	220 0.5% 1/10W
JW6816	1-216-864-11	SHORT CHIP	0	R6135	1-218-831-11	METAL CHIP	220 0.5% 1/10W
JW6817	1-216-864-11	SHORT CHIP	0	R6136	1-218-831-11	METAL CHIP	220 0.5% 1/10W
JW6818	1-216-864-11	SHORT CHIP	0	R6137	1-218-831-11	METAL CHIP	220 0.5% 1/10W
		< COIL >		R6138	1-218-831-11	METAL CHIP	220 0.5% 1/10W
L6301	1-469-525-11	INDUCTOR	10uH	R6139	1-216-824-11	METAL CHIP	1.8K 5% 1/10W
L6302	1-469-525-11	INDUCTOR	10uH	R6140	1-216-804-11	METAL CHIP	39 5% 1/10W
L6303	1-469-525-11	INDUCTOR	10uH	R6141	1-216-804-11	METAL CHIP	39 5% 1/10W
L6401	1-408-789-21	INDUCTOR	100uH	R6142	1-216-804-11	METAL CHIP	39 5% 1/10W
L6402	1-408-789-21	INDUCTOR	100uH	R6307	1-216-821-11	METAL CHIP	1K 5% 1/10W
L6403	1-408-789-21	INDUCTOR	100uH	R6308	1-216-821-11	METAL CHIP	1K 5% 1/10W
L6404	1-408-789-21	INDUCTOR	100uH	R6309	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
L6501	1-408-781-00	INDUCTOR	22uH	R6310	1-216-847-11	METAL CHIP	150K 5% 1/10W
L6701	1-469-525-11	INDUCTOR	10uH	R6311	1-216-821-11	METAL CHIP	1K 5% 1/10W
L6702	1-469-525-11	INDUCTOR	10uH	R6312	1-216-809-11	METAL CHIP	100 5% 1/10W
L6703	1-469-525-11	INDUCTOR	10uH	R6313	1-218-834-11	METAL CHIP	300 0.5% 1/10W
L6704	1-469-525-11	INDUCTOR	10uH	R6314	1-216-864-11	SHORT CHIP	0
L6801	1-424-700-21	INDUCTOR	100uH	R6315	1-216-821-11	METAL CHIP	1K 5% 1/10W
		< TRANSISTOR >		R6316	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q6101	8-729-230-49	TRANSISTOR	2SC2712-YG	R6317	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q6301	1-801-806-11	TRANSISTOR	DTC144EKA-T146	R6318	1-216-809-11	METAL CHIP	100 5% 1/10W
Q6302	8-729-216-31	TRANSISTOR	2SA1163-G	R6319	1-216-809-11	METAL CHIP	100 5% 1/10W
Q6303	8-729-216-31	TRANSISTOR	2SA1163-G	R6320	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q6304	8-729-216-31	TRANSISTOR	2SA1163-G	R6321	1-216-864-11	SHORT CHIP	0
				R6322	1-216-864-11	SHORT CHIP	0
				R6323	1-216-864-11	SHORT CHIP	0
				R6324	1-216-833-11	METAL CHIP	10K 5% 1/10W
				R6325	1-216-833-11	METAL CHIP	10K 5% 1/10W
				R6326	1-216-797-11	METAL CHIP	10 5% 1/10W
				R6327	1-216-797-11	METAL CHIP	10 5% 1/10W

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
R6328	1-216-797-11	METAL CHIP	10	5%	1/10W	R6517	1-216-814-11	METAL CHIP	270	5%	1/10W
R6329	1-216-797-11	METAL CHIP	10	5%	1/10W					(DA3200ES: AEP, UK)	
R6330	1-216-813-11	METAL CHIP	220	5%	1/10W	R6519	1-216-813-11	METAL CHIP	220	5%	1/10W
R6331	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6520	1-216-813-11	METAL CHIP	220	5%	1/10W
R6332	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R6701	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6333	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R6702	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6334	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6703	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6335	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6704	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6336	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6705	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6337	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6706	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6338	1-216-864-11	SHORT CHIP	0			R6801	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6340	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6802	1-216-809-11	METAL CHIP	100	5%	1/10W
R6341	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6803	1-216-809-11	METAL CHIP	100	5%	1/10W
R6343	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6810	1-216-809-11	METAL CHIP	100	5%	1/10W
R6345	1-216-817-11	METAL CHIP	470	5%	1/10W	R6811	1-216-809-11	METAL CHIP	100	5%	1/10W
R6346	1-216-809-11	METAL CHIP	100	5%	1/10W	R6812	1-216-809-11	METAL CHIP	100	5%	1/10W
R6347	1-216-805-11	METAL CHIP	47	5%	1/10W	R6813	1-216-809-11	METAL CHIP	100	5%	1/10W
R6348	1-216-815-11	METAL CHIP	330	5%	1/10W	R6814	1-216-809-11	METAL CHIP	100	5%	1/10W
R6401	1-216-864-11	SHORT CHIP	0			R6815	1-216-809-11	METAL CHIP	100	5%	1/10W
R6402	1-216-864-11	SHORT CHIP	0			R6816	1-216-809-11	METAL CHIP	100	5%	1/10W
R6403	1-216-864-11	SHORT CHIP	0			R6817	1-216-809-11	METAL CHIP	100	5%	1/10W
R6404	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6818	1-216-813-11	METAL CHIP	220	5%	1/10W
R6405	1-211-990-11	METAL CHIP	75	0.5%	1/10W	R6819	1-216-813-11	METAL CHIP	220	5%	1/10W
R6406	1-211-990-11	METAL CHIP	75	0.5%	1/10W	R6820	1-216-813-11	METAL CHIP	220	5%	1/10W
R6407	1-211-990-11	METAL CHIP	75	0.5%	1/10W	R6821	1-216-813-11	METAL CHIP	220	5%	1/10W
R6408	1-211-990-11	METAL CHIP	75	0.5%	1/10W			< RELAY >			
R6409	1-211-990-11	METAL CHIP	75	0.5%	1/10W						
R6410	1-211-990-11	METAL CHIP	75	0.5%	1/10W	RY6101	1-755-184-11	RELAY			
R6411	1-211-990-11	METAL CHIP	75	0.5%	1/10W	RY6102	1-755-184-11	RELAY			
R6412	1-211-990-11	METAL CHIP	75	0.5%	1/10W			< CONNECTOR >			
R6413	1-218-831-11	METAL CHIP	220	0.5%	1/10W						
R6414	1-218-831-11	METAL CHIP	220	0.5%	1/10W	TP6501	1-784-921-11	PIN, CONNECTOR 4P			
R6415	1-211-990-11	METAL CHIP	75	0.5%	1/10W			< VIBRATOR >			
R6416	1-211-990-11	METAL CHIP	75	0.5%	1/10W						
R6417	1-216-845-11	METAL CHIP	100K	5%	1/10W	X6301	1-795-219-21	VIBRATOR, CRYSTAL (24.576MHz)			
R6501	1-216-809-11	METAL CHIP	100	5%	1/10W	X6501	1-781-821-21	VIBRATOR, CRYSTAL (14.31MHz)			
R6502	1-216-813-11	METAL CHIP	220	5%	1/10W			(DA3200ES: US, CND, TW/DG1000)			
R6503	1-216-813-11	METAL CHIP	220	5%	1/10W	X6502	1-781-821-21	VIBRATOR, CRYSTAL (14.31MHz)			
R6504	1-216-817-11	METAL CHIP	470	5%	1/10W			(DA3200ES: AEP, UK)			
R6505	1-216-864-11	SHORT CHIP	0			X6503	1-781-820-21	VIBRATOR, CRYSTAL (17.734MHz)			
R6506	1-216-809-11	METAL CHIP	100	5%	1/10W			(DA3200ES: AEP, UK)			
R6507	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	*****					
R6508	1-216-814-11	METAL CHIP	270	5%	1/10W		A-1182-363-A	VIDEO 3 BOARD, COMPLETE			
		(DA3200ES: US, CND, TW/DG1000)						*****			
R6509	1-216-833-11	METAL CHIP	10K	5%	1/10W			< CAPACITOR >			
R6510	1-216-825-11	METAL CHIP	2.2K	5%	1/10W						
R6511	1-216-809-11	METAL CHIP	100	5%	1/10W						
		(DA3200ES: AEP, UK)				C757	1-104-665-11	ELECT	100uF	20%	25V
R6512	1-216-814-11	METAL CHIP	270	5%	1/10W	C758	1-104-665-11	ELECT	100uF	20%	25V
		(DA3200ES: AEP, UK)				C759	1-163-025-11	CERAMIC CHIP	0.001uF		50V
						C760	1-163-025-11	CERAMIC CHIP	0.001uF		50V
R6513	1-216-809-11	METAL CHIP	100	5%	1/10W	C761	1-165-319-11	CERAMIC CHIP	0.1uF		50V
		(DA3200ES: AEP, UK)									
R6514	1-216-809-11	METAL CHIP	100	5%	1/10W	C762	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
		(DA3200ES: AEP, UK)				C763	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
R6515	1-216-857-11	METAL CHIP	1M	5%	1/10W	C764	1-165-319-11	CERAMIC CHIP	0.1uF		50V
		(DA3200ES: AEP, UK)				C765	1-163-139-00	CERAMIC CHIP	820PF	5%	50V
R6516	1-216-857-11	METAL CHIP	1M	5%	1/10W	C766	1-163-139-00	CERAMIC CHIP	820PF	5%	50V
		(DA3200ES: AEP, UK)				C767	1-163-251-11	CERAMIC CHIP	100PF	5%	50V

STR-DA3200ES/DG1000

VIDEO 3**XM**

Ref. No.	Part No.	Description	Remark		
C768	1-164-505-11	CERAMIC CHIP 2.2uF	16V		
C769	1-165-319-11	CERAMIC CHIP 0.1uF	50V		
< CONNECTOR >					
CN720	1-784-808-11	TERMINAL, S (VIDEO 3 IN/ PORTABLE AV IN S VIDEO)			
CN721	1-784-923-11	PIN, CONNECTOR 7P			
CN723	1-779-978-11	PIN, CONNECTOR 3P			
CN724	1-779-977-11	PIN, CONNECTOR 6P			
CN725	1-784-922-11	PIN, CONNECTOR 5P			
< EARTH TERMINAL >					
* ET702	1-537-738-21	TERMINAL, EARTH			
* ET703	1-537-738-21	TERMINAL, EARTH			
< IC >					
IC706	8-759-710-97	IC NJM4565M-D			
IC707	6-600-219-01	IC GP1FM313RZ0F			
< JACK >					
J702	1-815-313-11	JACK (PHONES)			
J703	1-770-571-11	JACK BLOCK, PIN (L TYPE) 3P (VIDEO 3 IN/ PORTABLE AV IN AUDIO/VIDEO)			
< RESISTOR >					
R762	1-216-025-11	RES-CHIP 100 5% 1/10W			
R763	1-216-049-11	RES-CHIP 1K 5% 1/10W			
R764	1-216-049-11	RES-CHIP 1K 5% 1/10W			
R765	1-211-990-11	METAL CHIP 75 0.5% 1/10W			
R766	1-211-990-11	METAL CHIP 75 0.5% 1/10W			
R767	1-211-990-11	METAL CHIP 75 0.5% 1/10W			
R768	1-216-089-11	RES-CHIP 47K 5% 1/10W			
R769	1-216-089-11	RES-CHIP 47K 5% 1/10W			
R770	1-216-295-00	SHORT CHIP 0			
R774	1-216-295-00	SHORT CHIP 0			
R775	1-216-295-00	SHORT CHIP 0			
R776	1-216-295-00	SHORT CHIP 0			
R785	1-216-295-00	SHORT CHIP 0			
R786	1-216-295-00	SHORT CHIP 0			

A-1183-270-A		XM BOARD, COMPLETE (Included in HDMI board) (DA3200ES: US, CND/DG1000)			

< CAPACITOR >					
C3801	1-117-681-11	ELECT CHIP 100uF 20% 16V			
C3802	1-128-991-21	ELECT CHIP 10uF 20% 50V			
C3803	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C3804	1-128-991-21	ELECT CHIP 10uF 20% 50V			
C3805	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C3806	1-115-416-11	CERAMIC CHIP 0.001uF 5% 25V			
C3807	1-115-416-11	CERAMIC CHIP 0.001uF 5% 25V			
C3808	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C3809	1-115-416-11	CERAMIC CHIP 0.001uF 5% 25V			
C3810	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C3811	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			
C3812	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V			

Ref. No.	Part No.	Description			Remark
C3813	1-128-991-21	ELECT CHIP	10uF	20%	50V
C3814	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3815	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V
C3816	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3817	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V
C3818	1-115-412-11	CERAMIC CHIP	680PF	5%	25V
C3819	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3820	1-162-969-11	CERAMIC CHIP	0.0068uF	10%	25V
C3821	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3822	1-128-991-21	ELECT CHIP	10uF	20%	50V
C3823	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3824	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3825	1-128-991-21	ELECT CHIP	10uF	20%	50V
C3826	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3827	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3828	1-162-969-11	CERAMIC CHIP	0.0068uF	10%	25V
C3829	1-115-412-11	CERAMIC CHIP	680PF	5%	25V
C3830	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3831	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C3832	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C3833	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C3834	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C3835	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3836	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3837	1-128-991-21	ELECT CHIP	10uF	20%	50V
C3838	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3839	1-128-991-21	ELECT CHIP	10uF	20%	50V
C3840	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3841	1-128-991-21	ELECT CHIP	10uF	20%	50V
C3842	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3843	1-128-991-21	ELECT CHIP	10uF	20%	50V
C3844	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3845	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3846	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3847	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3848	1-162-910-11	CERAMIC CHIP	5PF	0.25PF	50V
C3849	1-162-910-11	CERAMIC CHIP	5PF	0.25PF	50V
C3851	1-126-204-11	ELECT CHIP	47uF	20%	16V
C3852	1-126-204-11	ELECT CHIP	47uF	20%	16V
C3853	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C3854	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C3855	1-165-677-21	ELECT CHIP	330uF	20%	10V
C3856	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C3857	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3858	1-126-395-11	ELECT CHIP	22uF	20%	16V
< CONNECTOR >					
CN3521	1-818-915-22	CONNECTOR, BOARD TO BOARD 10P			
CN3801	1-820-509-11	PIN, CONNECTOR (PC BOARD) 9P			
CN3802	1-774-731-21	PIN, CONNECTOR (PC BOARD) 5P			
< DIODE >					
D3801	6-500-462-01	DIODE NSAD500F-T1B			
D3803	8-719-083-02	DIODE KDS160-RTK			
< FERRITE BEAD/JUMPER RESISTOR >					
FB3801	1-469-324-21	FERRITE, EMI (SMD) (2012)			

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
FB3802	1-216-295-00	SHORT CHIP	0			R3832	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
FB3803	1-216-295-00	SHORT CHIP	0			R3833	1-216-819-11	METAL CHIP	680	5%	1/10W
		< IC >				R3834	1-216-809-11	METAL CHIP	100	5%	1/10W
IC3801	6-705-468-01	IC BA33BC0FP-E2				R3837	1-216-834-11	METAL CHIP	12K	5%	1/10W
IC3802	6-709-251-01	IC F2602E-01-TR				R3838	1-216-821-11	METAL CHIP	1K	5%	1/10W
IC3803	8-759-524-50	IC TC74VHC541FT (EL)				R3839	1-216-809-11	METAL CHIP	100	5%	1/10W
IC3804	8-759-710-97	IC NJM4565M-D				R3840	1-216-809-11	METAL CHIP	100	5%	1/10W
IC3805	6-707-111-01	IC PCM1753DBQR				R3841	1-216-809-11	METAL CHIP	100	5%	1/10W
						R3842	1-216-809-11	METAL CHIP	100	5%	1/10W
IC3806	6-705-469-01	IC BA50BC0FP-E2				R3843	1-216-809-11	METAL CHIP	100	5%	1/10W
IC3807	6-706-740-01	IC BA00BC0WFP-E2				R3844	1-216-821-11	METAL CHIP	1K	5%	1/10W
		< JACK >				R3845	1-216-841-11	METAL CHIP	47K	5%	1/10W
J3801	1-793-642-21	CONNECTOR (USB) (4P), SQUARE (XM)				R3846	1-216-841-11	METAL CHIP	47K	5%	1/10W
		< JUMPER RESISTOR >				R3847	1-216-833-11	METAL CHIP	10K	5%	1/10W
L3801	1-216-295-00	SHORT CHIP	0			R3852	1-216-809-11	METAL CHIP	100	5%	1/10W
L3802	1-216-295-00	SHORT CHIP	0			R3853	1-216-809-11	METAL CHIP	100	5%	1/10W
		< TRANSISTOR >				R3854	1-216-809-11	METAL CHIP	100	5%	1/10W
Q3801	8-729-027-23	TRANSISTOR	DTA114EKA-T146			R3855	1-216-809-11	METAL CHIP	100	5%	1/10W
Q3802	8-729-027-43	TRANSISTOR	DTC114EKA-T146			R3856	1-216-811-11	METAL CHIP	150	5%	1/10W
Q3805	6-550-044-01	TRANSISTOR	2SB1689-T106			R3857	1-216-864-11	SHORT CHIP	0		
Q3806	8-729-027-43	TRANSISTOR	DTC114EKA-T146			R3858	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
		< RESISTOR >				R3859	1-216-864-11	SHORT CHIP	0		
R3786	1-216-814-11	METAL CHIP	270	5%	1/10W	R3860	1-216-864-11	SHORT CHIP	0		
R3794	1-216-841-11	METAL CHIP	47K	5%	1/10W	R3861	1-216-864-11	SHORT CHIP	0		
R3798	1-216-864-11	SHORT CHIP	0			R3862	1-216-864-11	SHORT CHIP	0		
R3801	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3863	1-216-864-11	SHORT CHIP	0		
R3802	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3864	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3803	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3865	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3804	1-216-833-11	METAL CHIP	10K	5%	1/10W	R3866	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R3805	1-216-809-11	METAL CHIP	100	5%	1/10W	R3867	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R3806	1-216-809-11	METAL CHIP	100	5%	1/10W	R3869	1-216-864-11	SHORT CHIP	0		
R3807	1-216-809-11	METAL CHIP	100	5%	1/10W			< VIBRATOR >			
R3808	1-216-809-11	METAL CHIP	100	5%	1/10W	X3701	1-760-841-11	VIBRATOR, CRYSTAL (45.1584MHz)			
R3809	1-216-833-11	METAL CHIP	10K	5%	1/10W	*****					
R3811	1-216-821-11	METAL CHIP	1K	5%	1/10W						
R3812	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R3815	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R3816	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R3817	1-216-809-11	METAL CHIP	100	5%	1/10W						
R3818	1-216-841-11	METAL CHIP	47K	5%	1/10W						
R3819	1-216-841-11	METAL CHIP	47K	5%	1/10W						
R3820	1-216-834-11	METAL CHIP	12K	5%	1/10W						
R3821	1-216-841-11	METAL CHIP	47K	5%	1/10W						
R3822	1-216-841-11	METAL CHIP	47K	5%	1/10W						
R3823	1-216-819-11	METAL CHIP	680	5%	1/10W						
R3824	1-216-832-11	METAL CHIP	8.2K	5%	1/10W						
R3825	1-216-809-11	METAL CHIP	100	5%	1/10W						
R3826	1-216-845-11	METAL CHIP	100K	5%	1/10W						
R3827	1-216-809-11	METAL CHIP	100	5%	1/10W						
R3828	1-216-845-11	METAL CHIP	100K	5%	1/10W						
R3829	1-216-809-11	METAL CHIP	100	5%	1/10W						
R3830	1-216-809-11	METAL CHIP	100	5%	1/10W						
R3831	1-216-809-11	METAL CHIP	100	5%	1/10W						

STR-DA3200ES/DG1000

Ref. No.	Part No.	Description	Remark
		MISCELLANEOUS	

6	1-400-061-11	CORE, FERRITE (CLAMP FILTER) (DA3200ES: US, CND/DG1000)	
55	1-543-793-11	FILTER, CLAMP (FERRITE CORE)	
62	1-469-241-11	CORE, FERRITE (RFC-8 BK) (DA3200ES: US, CND/DG1000)	
63	1-400-061-11	CORE, FERRITE (CLAMP FILTER) (DA3200ES: AEP, UK, TW)	
154	1-828-337-51	WIRE (FLAT TYPE) (15 CORE)	
157	1-693-654-11	TUNER (FM/AM) (DA3200ES: TW)	
157	1-693-675-11	TUNER (DA3200ES: US, CND/DG1000)	
157	1-693-676-11	TUNER (DA3200ES: AEP, UK)	
204	1-828-964-51	WIRE (FLAT TYPE) (11 CORE) (DA3200ES: US, CND, TW/DG1000)	
204	1-828-981-51	WIRE (FLAT TYPE) (15 CORE) (DA3200ES: AEP, UK)	
254	1-500-824-11	FERRITE CORE	
△ F01	1-532-504-33	FUSE (T4AL/250V) (DA3200ES: AEP, UK)	
△ F01	1-533-311-12	FUSE, GLASS CYLINDRICAL (DIA.5) (8A/125V) (DA3200ES: US, CND/DG1000)	
△ F01	1-533-949-33	FUSE, CYLINDRICAL (TIME LUG) (T8AL/250V) (DA3200ES: TW)	
△ F02	1-532-464-33	FUSE (T2.5AL/250V) (DA3200ES: AEP)	
△ F02	1-533-420-12	FUSE, GLASS CYLINDRICAL (DIA.5) (5A/125V) (DA3200ES: US, CND/DG1000)	
△ F1403	1-532-504-33	FUSE (T4AL/250V)	
△ F1404	1-532-504-33	FUSE (T4AL/250V)	
△ F1405	1-532-506-33	FUSE (T6.3AL/250V)	
△ J01	1-820-651-11	INLET, AC 2P (-AC IN)	
Q1507	8-729-051-92	TRANSISTOR 2SD2560	
Q1508	8-729-051-93	TRANSISTOR 2SB1647	
Q1521	8-729-026-08	TRANSISTOR 2SC4495	
Q1557	8-729-051-92	TRANSISTOR 2SD2560	
Q1558	8-729-051-93	TRANSISTOR 2SB1647	
Q1571	8-729-026-08	TRANSISTOR 2SC4495	
Q1607	8-729-051-92	TRANSISTOR 2SD2560	
Q1608	8-729-051-93	TRANSISTOR 2SB1647	
Q1621	8-729-026-08	TRANSISTOR 2SC4495	
Q1707	8-729-051-92	TRANSISTOR 2SD2560	
Q1708	8-729-051-93	TRANSISTOR 2SB1647	
Q1721	8-729-026-08	TRANSISTOR 2SC4495	
Q1757	8-729-051-92	TRANSISTOR 2SD2560	
Q1758	8-729-051-93	TRANSISTOR 2SB1647	
Q1771	8-729-026-08	TRANSISTOR 2SC4495	
Q1807	8-729-051-92	TRANSISTOR 2SD2560	
Q1808	8-729-051-93	TRANSISTOR 2SB1647	
Q1821	8-729-026-08	TRANSISTOR 2SC4495	
Q1857	8-729-051-92	TRANSISTOR 2SD2560	
Q1858	8-729-051-93	TRANSISTOR 2SB1647	
Q1871	8-729-026-08	TRANSISTOR 2SC4495	
△ T01	1-445-040-11	TRANSFORMER, POWER (DA3200ES: US, CND/DG1000)	
△ T01	1-445-041-11	TRANSFORMER, POWER (DA3200ES: AEP, UK)	
△ T01	1-445-042-11	TRANSFORMER, POWER (DA3200ES: TW)	

Ref. No.	Part No.	Description	Remark
		ACCESSORIES	

1-474-026-11		REMOTE COMMANDER (RM-AAU008) (DA3200ES)	
1-474-027-11		REMOTE COMMANDER (RM-AAL004) (DA3200ES: AEP, UK, TW)	
1-474-028-11		REMOTE COMMANDER (RM-AAL003) (DA3200ES: US, CND/DG1000)	
1-501-374-12		ANTENNA, LOOP (AM loop antenna)	
1-501-594-14		ANTENNA (FM) (FM wire antenna) (DA3200ES: AEP, UK, TW)	
1-542-670-11		MEASUREMENT MIC (MONO) (Optimizer microphone: ECM-AC2)	
1-793-184-23		CONNECTOR (F TYPE ADAPTOR) (FM wire antenna) (DA3200ES: US, CND/DG1000)	
△ 1-820-797-11		ADAPTOR, CONVERSION (EURO ECU 6) (DA3200ES: UK)	
△ 1-824-964-12		CORD, POWER (AC power cord) (DA3200ES: US, CND/DG1000)	
△ 1-828-109-21		CORD, POWER (AC power cord) (DA3200ES: TW)	
△ 1-831-474-11		CORD, POWER (AC power cord) (DA3200ES: AEP, UK)	
2-681-805-11		MANUAL, INSTRUCTION (ENGLISH, FRENCH) (DA3200ES: US, CND)	
2-681-806-11		MANUAL, INSTRUCTION (ENGLISH) (DA3200ES: AEP, UK, TW)	
2-681-806-21		MANUAL, INSTRUCTION (FRENCH, SPANISH) (DA3200ES: AEP)	
2-681-806-31		MANUAL, INSTRUCTION (GERMAN, DUTCH, ITALIAN) (DA3200ES: AEP)	
2-681-806-41		MANUAL, INSTRUCTION (SWEDISH, POLISH) (DA3200ES: AEP)	
2-681-806-51		MANUAL, INSTRUCTION (TRADITIONAL CHINESE) (DA3200ES: TW)	
2-681-806-61		MANUAL, INSTRUCTION (DANISH, FINNISH) (DA3200ES: AEP)	
2-681-806-71		MANUAL, INSTRUCTION (PORTUGUESE) (DA3200ES: AEP)	
2-699-548-11		MANUAL, INSTRUCTION (GREEK) (DA3200ES: AEP)	
2-699-548-21		MANUAL, INSTRUCTION (HUNGARIAN, CZECH) (DA3200ES: AEP)	
2-699-548-31		MANUAL, INSTRUCTION (TURKISH) (DA3200ES: AEP)	
2-699-548-41		MANUAL, INSTRUCTION (SLOVAKIAN) (DA3200ES: AEP)	
2-697-465-11		MANUAL, INSTRUCTION (ENGLISH) (DG1000)	
3-302-708-11		COVER, CONNECTOR (for pin jack of rear panel)(DA3200ES: AEP, UK)	

MEMO

REVISION HISTORY

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