

STR-DG700

SERVICE MANUAL

Ver. 1.0 2006. 04

*AEP Model
UK Model
Australian Model*



Photo: Black type

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SPECIFICATIONS

Amplifier section

Stereo Power Output ¹⁾, Reference Power Output ^{1) 2)}
8 ohms 20 Hz – 20 kHz, THD 0.09 %

	85 W + 85 W, 110 W/ch
8 ohms 1 kHz, THD 0.7 %	100 W + 100 W, 120 W/ch
8 ohms 1 kHz, THD 10 %	125 W + 125 W, 150 W/ch

1) Measured under the following conditions:

Area code	Power requirements
AEP, UK	230 V AC, 50 Hz
AUS	240 V AC, 50 Hz

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

Frequency response

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

Analog	Sensitivity: 500 mV/ 50 kohms S/N ³⁾ : 96 dB (A, 500 mV ⁴⁾)
Digital (Coaxial)	Impedance: 75 ohms S/N: 100 dB (A, 20 kHz LPF)
Digital (Optical)	S/N: 100 dB (A, 20 kHz LPF)

Outputs (Analog)

AUDIO OUT	Voltage: 500 mV/10 kohms
SUB WOOFER, SURROUND	Voltage: 2 V/1 kohm

Equalizer

Gain levels	±6 dB, 1 dB step
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3) INPUT SHORT (with sound field and equalizer bypassed).

4) Weighted network, input level.

– Continued on next page –

MULTI CHANNEL AV RECEIVER

9-887-177-01

2006D04-1

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Sony Corporation

Home Audio Division

Published by Sony Techno Create Corporation

SONY®

STR-DG700

FM tuner section

Tuning range	87.5 – 108.0 MHz
Intermediate frequency	10.7 MHz
Useable sensitivity	11.2 dBf, 1 μV/75 ohms
S/N	
Mono/Stereo	76 dB/70 dB
Harmonic distortion at 1 kHz	
Mono/Stereo	0.3%/0.5%
Separation	45 dB at 1 kHz
Frequency response	30 Hz – 15 kHz, +0.5/–2 dB

AM tuner section

Tuning range	
With 9-kHz tuning scale:	531 – 1,602 kHz
Intermediate frequency	450 kHz
Usable sensitivity	50 dB/m (at 1,000 kHz or 999 kHz)

Video section

Inputs/Outputs	
Video:	1 Vp-p, 75 ohms
S-video:	Y: 1 Vp-p, 75 ohms C: 0.286 Vp-p, 75 ohms
COMPONENT VIDEO:	Y: 1 Vp-p, 75 ohms Pb/Cb/B-Y: 0.7 Vp-p/ 75 ohms Pr/Cr/R-Y: 0.7 Vp-p/ 75 ohms 80 MHz HD Pass Through

General

Power requirements	
Area code	Power requirements
AEP, UK	230 V AC, 50/60 Hz
AUS	240 V AC, 50 Hz

Power consumption	220 W
Power consumption (during standby mode)	0.2 W
AC outlets	1 switched, 100 W/0.4 A MAX
Dimensions (w/h/d) (Approx.)	430 × 157.5 × 316 mm including projecting parts and controls
Mass (Approx.)	8.5 kg

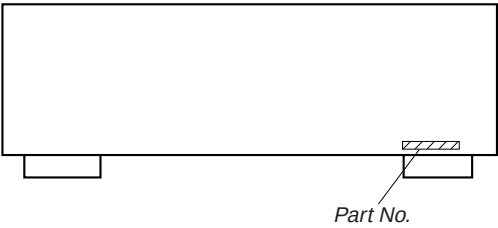
Supplied accessories	
FM wire antenna (1)	
AM loop antenna (1)	
Remote commander RM-AAP011 (1)	
R6 (size-AA) batteries (2)	
Optimizer microphone ECM-AC2 (1)	

Design and specifications are subject to change without notice.

- Abbreviation
AUS : Australian model

MODEL IDENTIFICATION

— BACK PANEL —



MODEL	PART No.
AEP, UK	2-661-147-7□
AUS	2-661-147-8□

- Abbreviation
AUS : Australian model

SAFETY-RELATED COMPONENT WARNING!!

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

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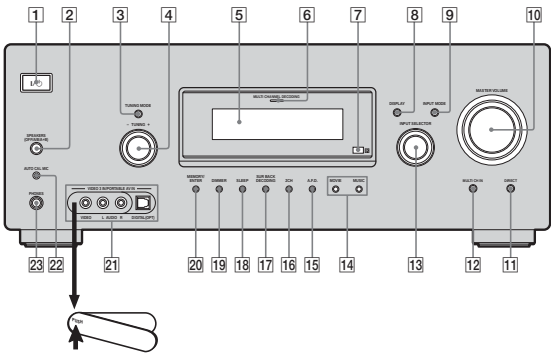
6. ELECTRICAL PARTS LIST 62

This section is extracted
from instruction manual.

Getting Started

Description and location of parts

Front panel

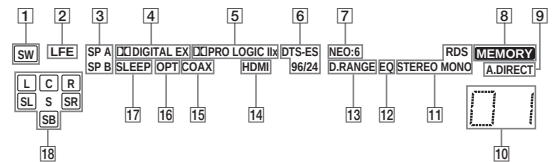


To remove the cover
Press PUSH.
When you remove the cover, keep it out of
reach from children.

Name	Function
1 I/II	Press to turn the receiver on or off (page 29, 36, 37, 57, 59).
2 SPEAKERS (OFF/A/B/A+B)	Press to select OFF, A, B, A+B of the front speakers (page 30).
3 TUNING MODE	Press to select the tuning mode (page 58, 62).
4 TUNING +/-	Turn to scan a station (page 58, 61).
5 Display	The current status of the selected component or a list of selectable items appears here (page 6).

4GB

About the indicators on the display



Name	Function
1 SW	Lights up when sub woofer selection is set to "YES" (page 41) and the audio signal is output from the SUB WOOFER jack.
2 LFE	Lights up when the disc being played back contains an LFE (Low Frequency Effect) channel and the LFE channel signal is actually being reproduced.
3 SP A/SP B	Lights up according to the speaker system used. However, these indicators do not light up if the speaker output is turned off or if a headphone is connected.
4 DIGITAL (EX)	Lights up when Digital signals are input. "DIGITAL EX" lights up when Dolby Digital Surround EX signals are decoded. Note When playing a Dolby Digital format disc, be sure that you have made digital connections and that INPUT MODE is not set to "ANALOG" (page 64).

Name	Function
5 PRO LOGIC (II)/ (IIx)	Lights up when the receiver applies Pro Logic processing to 2 channel signals in order to output the center and surround channel signals. "PRO LOGIC II" lights up when the Pro Logic II Movie/Music/Game decoder is activated. "PRO LOGIC IIx" lights up when the Pro Logic IIx Movie/Music/Game decoder is activated. However, these indicators do not light up if both the center and surround speakers are set to "NO" (page 41) and you select a sound field using the A.F.D. button. Note Dolby Pro Logic IIx decoding does not function for DTS format signals or for signals with a sampling frequency of more than 48 kHz.
6 DTS (-ES)/ (96/24)	Lights up when DTS signals are input. "DTS-ES" lights up when DTS-ES signals are input. "DTS 96/24" lights up when the receiver is decoding DTS 96 kHz/24 bit signals. Note When playing a DTS format disc, be sure that you have made digital connections and that INPUT MODE is not set to "ANALOG" (page 64).
7 NEO:6	Lights up when DTS Neo:6 Cinema/Music decoder is activated (page 52).

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Name	Function
6 MULTI CHANNEL DECODING lamp	Lights up when multi channel audio is decoded (page 37).
7 Remote sensor	Receives signals from remote commander.
8 DISPLAY	Press to select information displayed on the display (page 63, 67).
9 INPUT MODE	Press to select the input mode when the same components are connected to both digital and analog jacks (page 64).
10 MASTER VOLUME	Turn to adjust the volume level of all speakers at the same time (page 34, 35, 36, 37).
11 DIRECT	Press to listen to high quality analog sound (page 56).
12 MULTI CH IN	Press to select the audio directly from the components connected to the MULTI CH IN jacks (page 35).
13 INPUT SELECTOR	Turn to select the input source to playback (page 35, 36, 37, 56, 58, 62, 64, 67, 68, 69).
14 MOVIE, MUSIC	Press to select sound fields (MOVIE, MUSIC) (page 53).
15 A.F.D.	Press to select A.F.D. mode (page 51).
16 2CH	Press to select 2CH STEREO mode (page 56, 57).
17 SUR BACK DECODING	Press to select the surround back decoding mode (page 44).
18 SLEEP	Press to activate the Sleep Timer function and the duration which the receiver turns off automatically (page 68).
19 DIMMER	Press to change the brightness of the display (page 50).

Getting Started

Name	Function
20 MEMORY/ENTER	Press to store a station or enter the selection when selecting the settings (page 29, 60).
21 VIDEO 3 IN/ PORTABLE AV IN jacks	To connect a camcorder or video game (page 27, 35).
22 AUTO CAL MIC jack	Connects to the supplied ECM-AC2 optimizer microphone for the Auto Calibration function (page 31).
23 PHONES jack	Connects to a headphone (page 77).

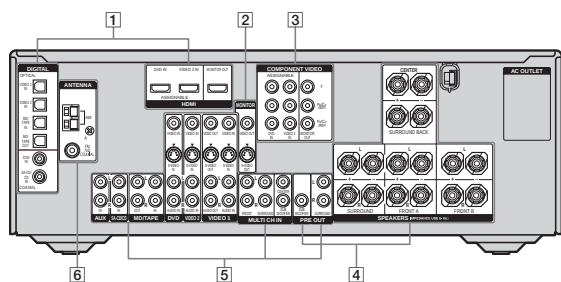
Name	Function
8 MEMORY	Lights up when a memory function, such as Preset Memory (page 61), etc., is activated.
9 A.DIRECT	Lights up when ANALOG DIRECT is selected (page 56).
10 Preset station indicators	Lights up when using the receiver to tune in radio stations you have preset. For details on presetting radio stations, see page 60.
11 Tuner indicators	Lights up when using the receiver to tune in radio stations (page 57), etc. Note "RDS" appears for models of area code CEL, CEK only.
12 EQ	Lights up when the equalizer is activated (page 39).
13 D.RANGE	Lights up when dynamic range compression is activated (page 39).
14 HDMI	Flashes when you select "HDMI A." in the VIDEO menu (page 66).
15 COAX	Lights up when INPUT MODE is set to "AUTO" and the source signal is a digital signal being input through the COAXIAL jack, or when INPUT MODE is set to "COAX IN" (page 64).
16 OPT	Lights up when INPUT MODE is set to "AUTO" and the source signal is a digital signal being input through the OPTICAL jack, or when INPUT MODE is set to "OPT IN" (page 64).
17 SLEEP	Lights up when the sleep timer is activated (page 68).

Name	Function
18 Playback channel indicators	The letters (L, C, R, etc.) indicate the channels being played back. The boxes around the letters vary to show how the receiver downmixes the source sound (based on the speaker settings). Front Left Front Right Center (monaural) Surround Left Surround Right Surround (monaural or the surround components obtained by Pro Logic processing) Surround back (the surround back components obtained by 6.1 channel decoding) Example: Recording format (Front/ Surround): 3/2.1 Output channel: When surround speaker is set to "NO" (page 41) Sound Field: A.F.D. AUTO
L R C SL SR S	
SB	
SW L C R SL SR	

Getting Started

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Rear panel



1 DIGITAL INPUT/OUTPUT section

	OPTICAL IN/OUT jack	Connects to a DVD player, etc. The COAXIAL jack provides a better quality of loud sound (page 16, 23, 25).
	COAXIAL IN jack	
	HDMI IN/ MONITOR OUT jack*	Connects to a DVD player, or a satellite tuner. The image and the sound are output to a TV or a projector (page 26).

2 VIDEO/AUDIO INPUT/OUTPUT section

	White (L) AUDIO IN/ OUT jack	Connects the video and audio jacks of a VCR or a DVD player (page 22, 23, 24, 25, 27).
	Red (R)	
	Yellow VIDEO IN/ OUT jack*	
	S-VIDEO IN/ OUT jack*	

3 COMPONENT VIDEO INPUT/ OUTPUT section

	Green COMPONENT VIDEO INPUT/ OUTPUT jack*	Connects to a DVD player, TV, or a satellite tuner. You can enjoy high quality image (page 22, 24, 25).
	Blue	
	Red	

4 SPEAKER section

		Connects to speakers (page 14).
		Connects to sub woofer (page 14).

5 AUDIO INPUT/OUTPUT section

	White (L) AUDIO IN/ OUT jack	Connects to an MD deck or CD player, etc. (page 19).
	Red (R)	
	White (L) MULTI CHANNEL INPUT jack	Connects to a Super Audio CD player or DVD player which has an analog audio jack for 5.1 channel sound (page 18).
	Red (R)	
	Black	
	White (L) PRE OUT jack	Connects to an external power amplifier.
	Red (R)	

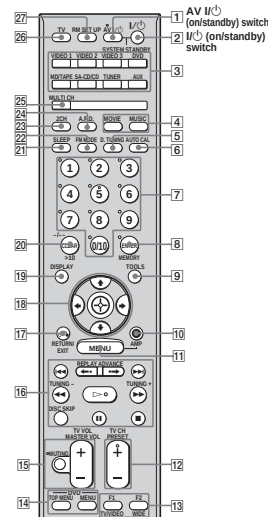
6 ANTENNA section

	FM ANTENNA	Connects to the FM wire antenna supplied with this receiver (page 28).
	AM ANTENNA	Connects to the AM loop antenna supplied with this receiver (page 28).

* You can watch the selected input image when you connect the MONITOR OUT jack to a TV monitor (page 22).

Remote commander

You can use the supplied remote RM-AAP011 to operate the receiver and to control the Sony audio/video components that the remote is assigned to operate. You can also program the remote to control non-Sony audio/video components. For details, see "Programming the remote" (page 69).

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continued

9⁰²

Name	Function																		
1 AV I/O	Press to turn on or off the audio/video components that the remote is programmed to operate. To turn the TV on or off, press TV (26) and then press AV I/O. If you press I/O (2) at the same time, it will turn off the receiver and other components (SYSTEM STANDBY). Note The function of the AV I/O switch changes automatically each time you press the input buttons (3).																		
2 I/O	Press to turn the receiver on or off. To turn off all components, press I/O and AV I/O (1) at the same time (SYSTEM STANDBY).																		
3 Input buttons	Press one of the buttons to select the component you want to use. When you press any of the input buttons, the receiver turns on. The buttons are factory assigned to control Sony components as follows. You can program the remote to control non-Sony components following the steps in "Programming the remote" on page 69.																		
	<table border="1"> <thead> <tr> <th>Button</th><th>Assigned Sony component</th></tr> </thead> <tbody> <tr> <td>VIDEO 1</td><td>VCR (VTR mode 3)</td></tr> <tr> <td>VIDEO 2</td><td>VCR (VTR mode 2)</td></tr> <tr> <td>VIDEO 3</td><td>VCR (VTR mode 1)</td></tr> <tr> <td>DVD</td><td>DVD player</td></tr> <tr> <td>MD/TAPE</td><td>MD deck</td></tr> <tr> <td>SA-CD/CD</td><td>Super Audio CD/CD player</td></tr> <tr> <td>TUNER</td><td>Built-in tuner</td></tr> <tr> <td>AUX</td><td>Not assigned</td></tr> </tbody> </table>	Button	Assigned Sony component	VIDEO 1	VCR (VTR mode 3)	VIDEO 2	VCR (VTR mode 2)	VIDEO 3	VCR (VTR mode 1)	DVD	DVD player	MD/TAPE	MD deck	SA-CD/CD	Super Audio CD/CD player	TUNER	Built-in tuner	AUX	Not assigned
Button	Assigned Sony component																		
VIDEO 1	VCR (VTR mode 3)																		
VIDEO 2	VCR (VTR mode 2)																		
VIDEO 3	VCR (VTR mode 1)																		
DVD	DVD player																		
MD/TAPE	MD deck																		
SA-CD/CD	Super Audio CD/CD player																		
TUNER	Built-in tuner																		
AUX	Not assigned																		
4 MOVIE, MUSIC	Press to select sound fields (MOVIE, MUSIC).																		

Name	Function
5 D. TUNING	Press to enter direct tuning mode.
6 AUTO CAL	Press to activate the Auto Calibration function.
7 Numeric buttons (number 5 th)	Press to - preset/tune to preset stations. - select track numbers of the CD player, VCD player, LD player, DVD player, MD deck, DAT deck, or tape deck. Press 0/10 to select track number 10. - select channel numbers of the VCR, satellite tuner, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO. Press TV (26) and then press the numeric buttons to select the TV channels.
8 ENTER	Press to enter the value after selecting a channel, disc or track using the numeric buttons. To enter the value of Sony TV, press TV (26) and then press ENTER.
MEMORY	Press MEMORY to store a station.
9 TOOLS	Press to display options applicable to the entire disc (e.g. disc protection), recorder (e.g. audio settings during recording), or multiple items on a list menu (e.g. erasing multiple titles). To display the options of Sony TV, press TV (26) and then press TOOLS.
10 AMP	Press AMP to light up the button and then press MENU (11) to display the menu of the receiver. Then, use the control buttons to perform menu operations.

Name	Function
11 MENU	Press to display the menus of the VCR, DVD player, satellite tuner, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO on the TV screen. Then, use the control buttons to perform menu operations. To display the menus of Sony TV, press TV (26) and then press MENU.
12 TV CH +/-	Press TV (26) and then press TV CH +/- to select preset TV channels.
PRESET +/-	Press to - select preset stations. - select preset channels of the VCR, satellite tuner, Blu-ray disc recorder, DVD player, DVD/VIDEO COMBO, or DVD/HDD COMBO.
13 F1, F2	Press to select the media (for DVD/VIDEO COMBO and DVD/HDD COMBO models only). Press TV (26) and then press TV/VIDEO to select the input signal (TV input or video input).
TV/VIDEO	Press TV (26) and then press WIDE to select the wide picture mode.
14 DVD TOP MENU	Press to display DVD title. Then, use the control buttons to perform menu operations.
DVD MENU	Press to display the menu of the DVD player on the TV screen. Then, use the control buttons to perform menu operations.
15 TV VOL +/-	Press TV (26) and then press TV VOL +/- to adjust the TV volume level.
MASTER VOL +/-	Press to adjust the volume level of all speakers at the same time.
MUTING	Press to mute the sound. To mute the sound of the TV, press TV (26) and then press MUTING.

Name	Function
16 << >>	Press to skip tracks of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO.
REPLAY <-I/ ADVANCE ->	Press to replay the previous scene or fast forward the current scene of the VCR, DVD player, DVD/VIDEO COMBO, or DVD/HDD COMBO.
<< >>	Press to - search tracks in the forward/backward direction of the CD player, VCD player, DVD player, LD player, MD deck, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO. - fast forward/rewind of the VCR, DAT deck, or tape deck.
> a)	Press to start playback of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO.
II	Press to pause playback or recording of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO. (Also starts recording with components in recording standby.)
■	Press to stop playback of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO.

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continued

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Getting Started

Getting Started

Name	Function
TUNING +/-	Press to scan a station.
DISC SKIP	Press to skip disc of the CD player, VCD player, DVD player, MD deck, or LD player (multi-disc changer only).
17 RETURN/EXIT 	Press to – return to the previous menu. – exit the menu while the menu or on-screen guide of the VCD player, LD player, DVD player, Blu-ray disc recorder, PSX, or satellite tuner is displayed on the TV screen. To return to the previous menu of Sony TV, press TV (26) and then press RETURN/EXIT  .
18 Control buttons	After pressing AMP (10) , then MENU (11) for receiver operation, or DVD TOP MENU (14) , or DVD MENU (14) , press the control button  ,  ,  or  to select the settings. When you press DVD TOP MENU or DVD MENU, press the control button to enter the selection.
19 DISPLAY	Press to select information displayed on the TV screen of the VCR, VCD player, LD player, DVD player, CD player, MD deck, Blu-ray disc recorder, PSX, satellite tuner, DVD/VIDEO COMBO, or DVD/HDD COMBO. To select information of Sony TV, press TV (26) and then press DISPLAY.
20 CLEAR	Press to – clear a mistake when you press the incorrect numeric button. – return to continuous playback, etc. of the Blu-ray disc recorder, PSX, satellite tuner, DVD/VIDEO COMBO, or DVD/HDD COMBO.

Name	Function
-/-	Press to select the channel entry mode, either one or two digit of the Blu-ray disc recorder, or satellite tuner. To select the channel entry mode of the TV, press TV (26) and then press -/-.
>10	Press to select track numbers over 10 of the CD player, VCD player, LD player, MD deck, tape deck, TV, VCR, Blu-ray disc recorder, PSX, or satellite tuner.
21 SLEEP	Press to activate the Sleep Timer function and the duration which the receiver turns off automatically.
22 FM MODE	Press to select FM monaural or stereo reception.
23 2CH	Press to select 2CH STEREO mode.
24 A.F.D.	Press to select A.F.D. mode.
25 MULTI CH	Press to select the audio directly from the components connected to the MULTI CH IN jacks.
26 TV	Press to light up the button. It changes the remote key function to activate the buttons with orange printing. It also activate the TOOLS (9) , MENU (11) , RETURN/EXIT  (17) , Control buttons (18) and DISPLAY (19) buttons to perform menu operations for Sony TVs only.
27 RM SET UP	Press to set up the remote.

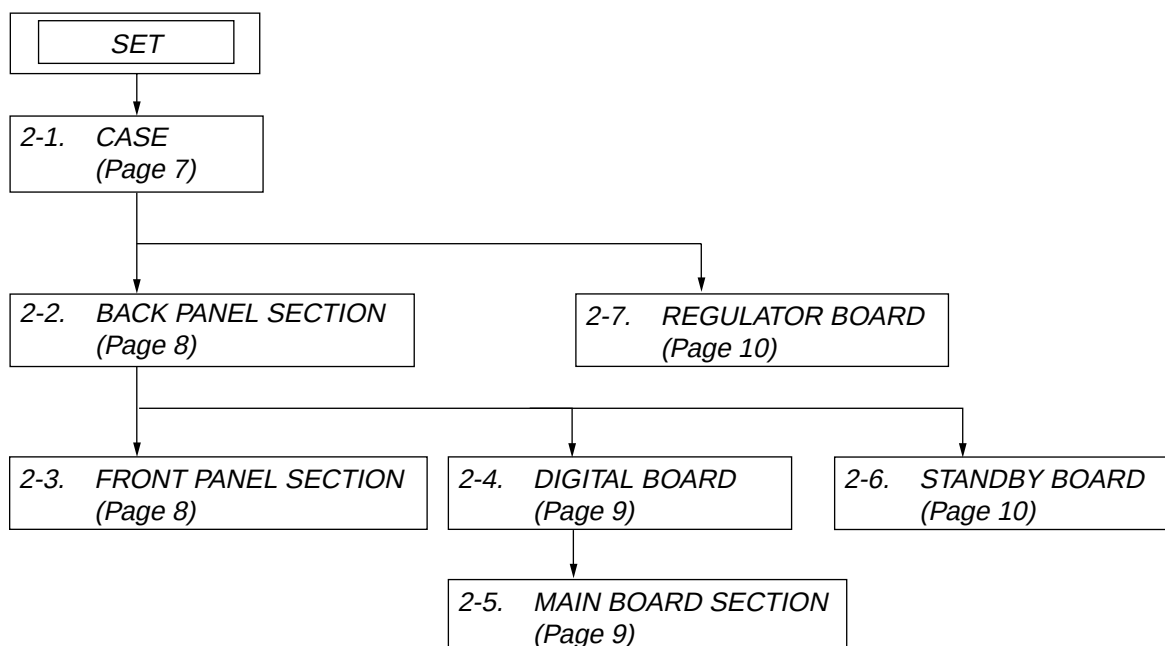
^{a)}The number 5, TV CH +, PRESET + and  buttons have tactile dots. Use the tactile dots as references when operating the receiver.

Notes

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

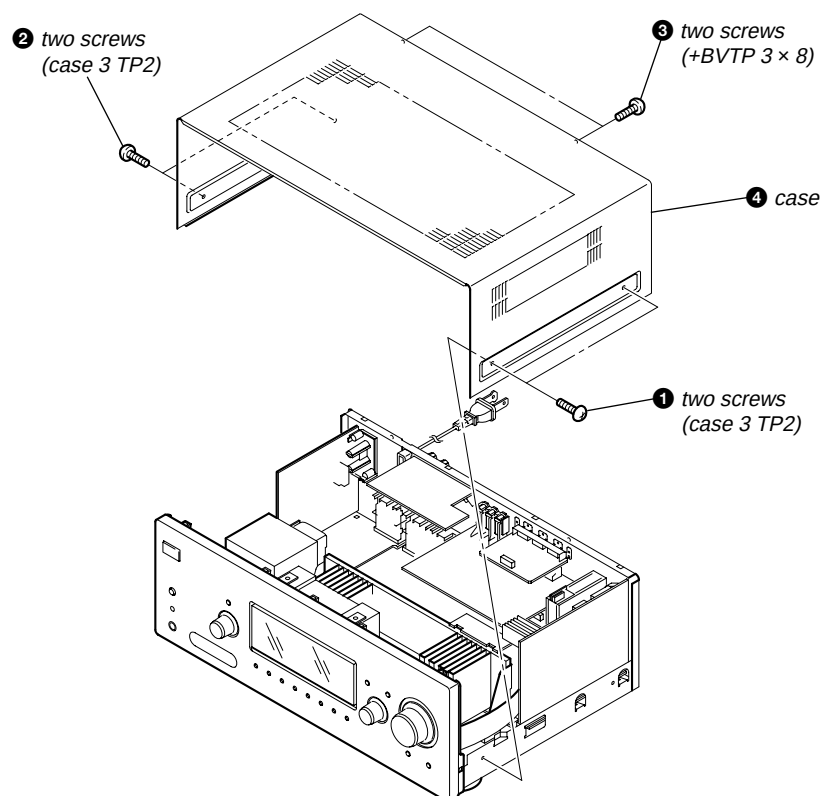
SECTION 2 DISASSEMBLY

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

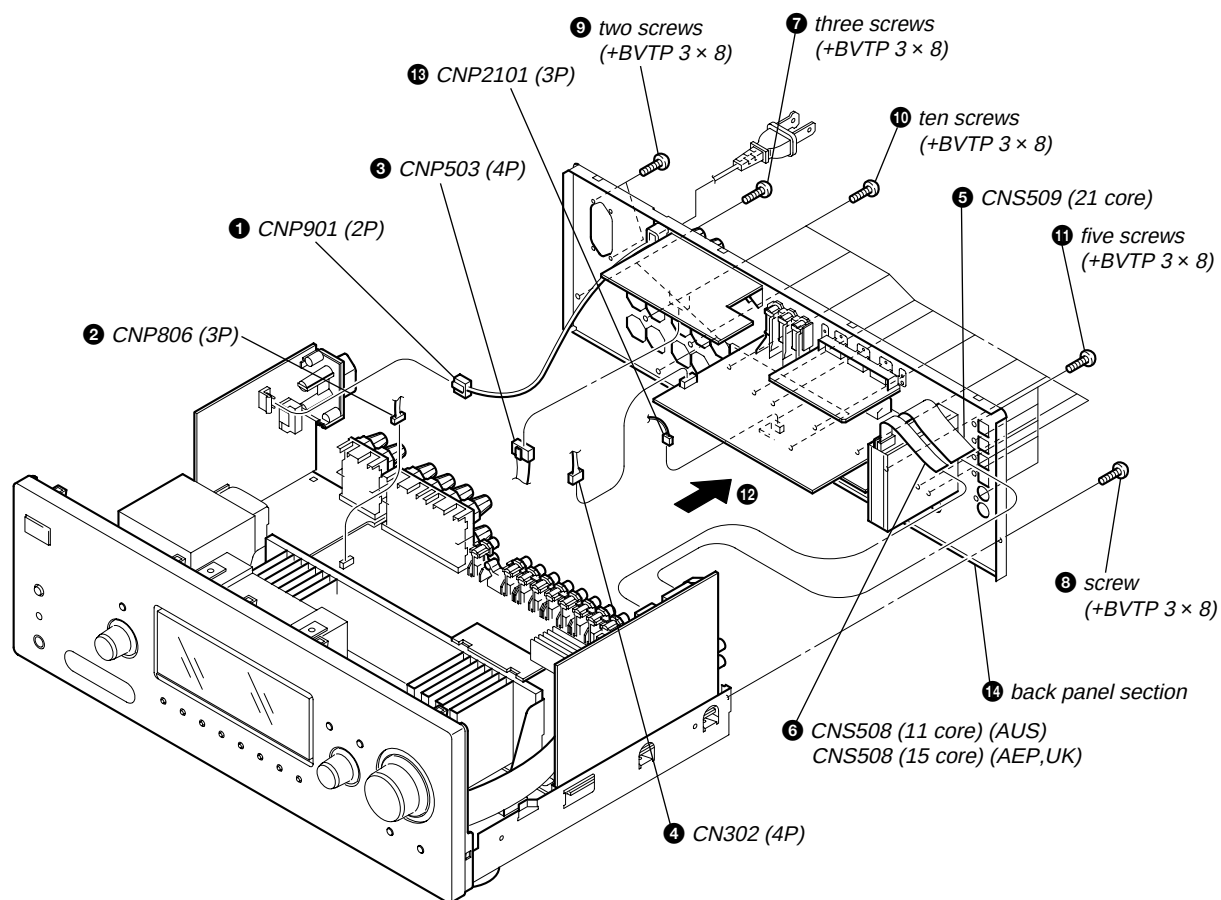


Note : Follow the disassembly procedure in the numerical order given.

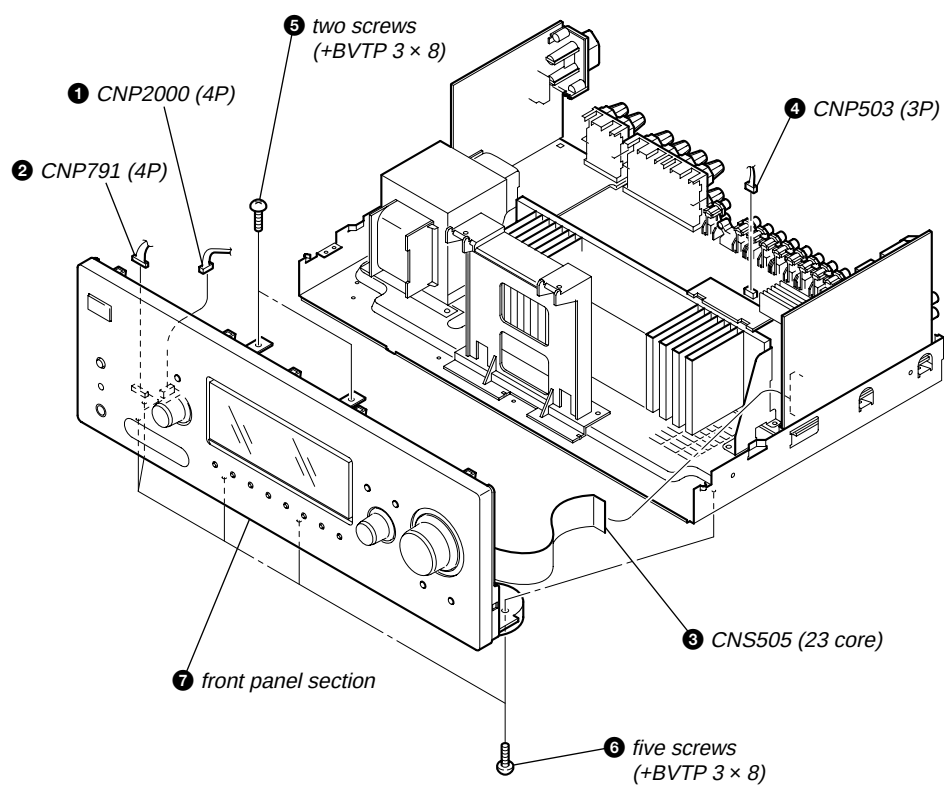
2-1. CASE



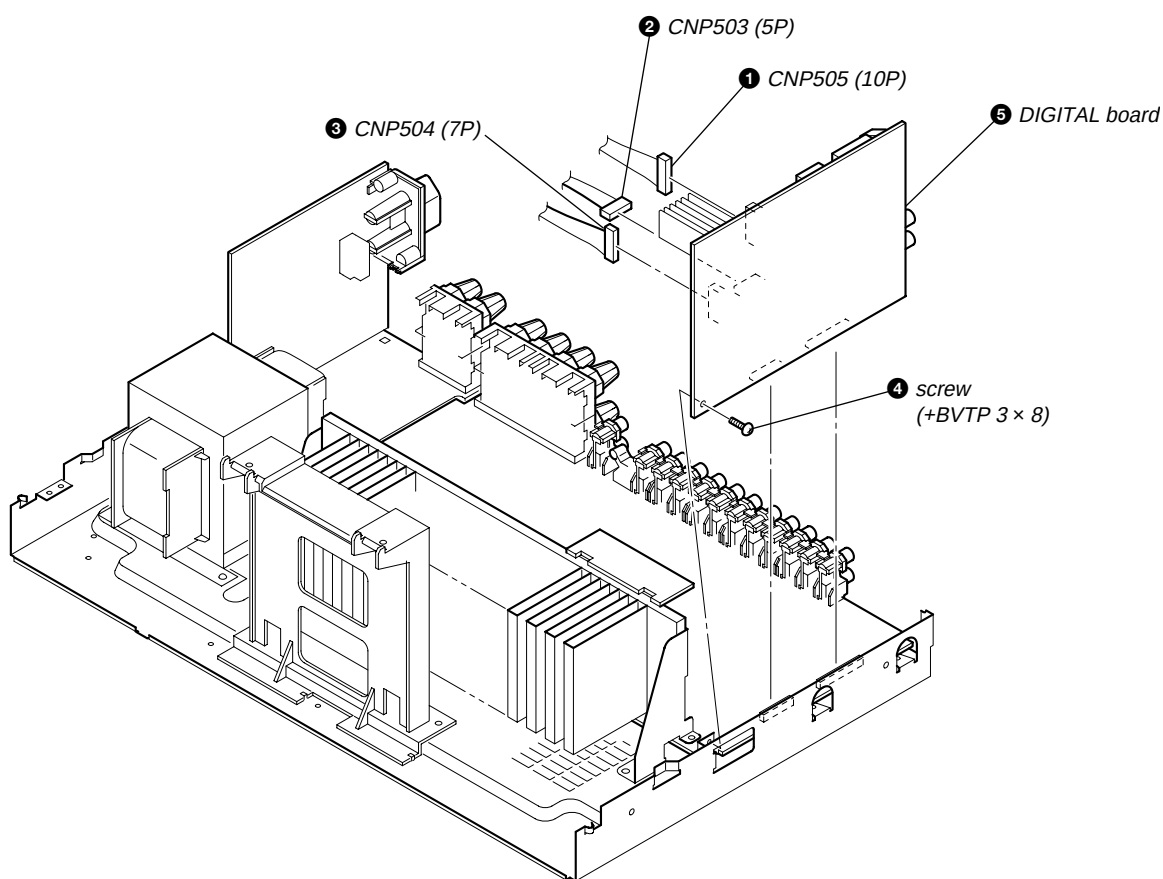
2-2. BACK PANEL SECTION



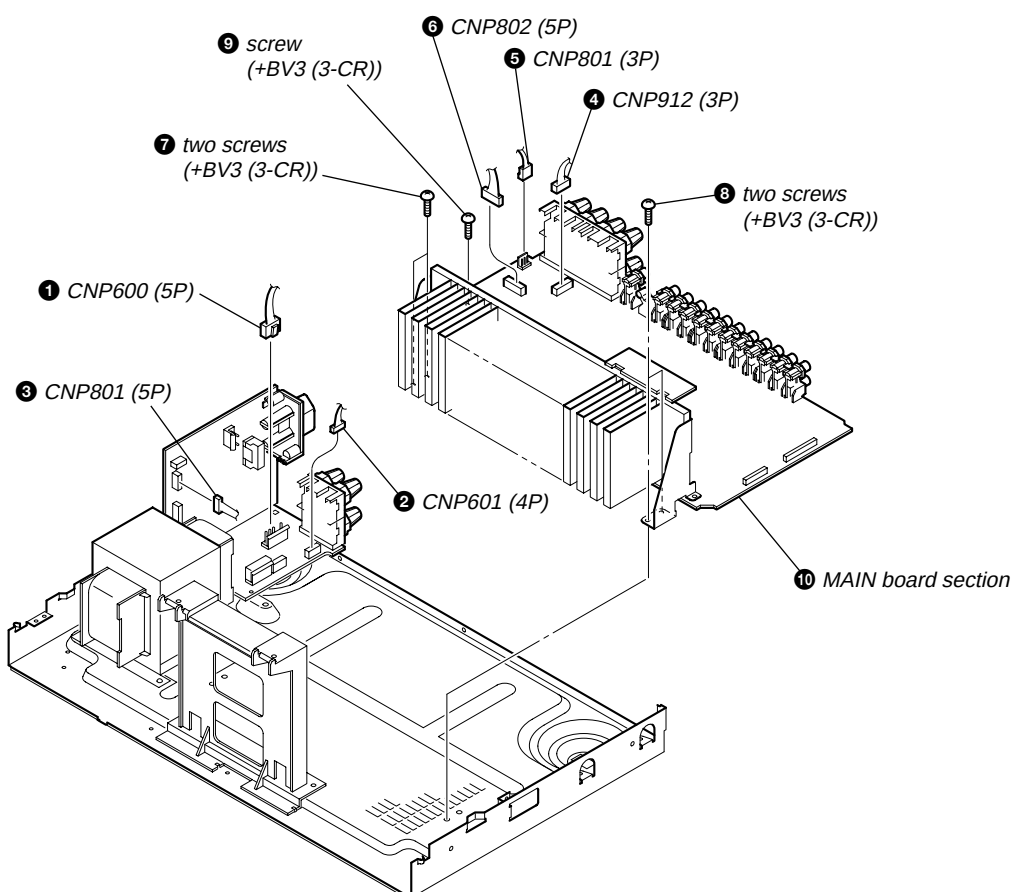
2-3. FRONT PANEL SECTION



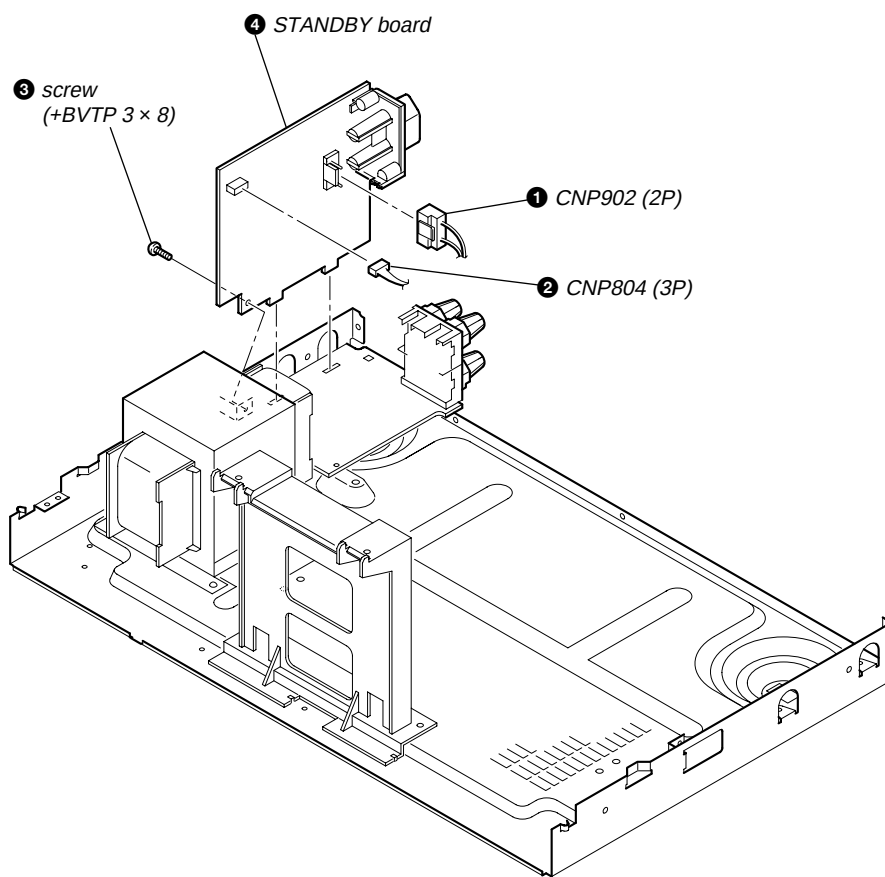
2-4. DIGITAL BOARD



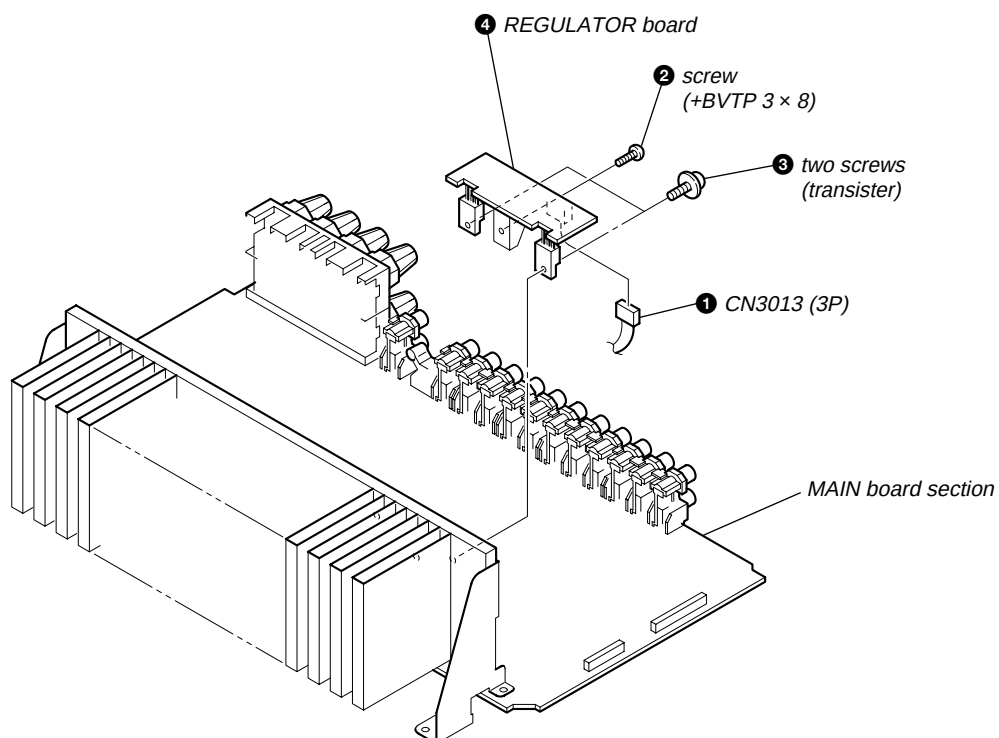
2-5. MAIN BOARD SECTION



2-6. STANDBY BOARD



2-7. REGULATOR BOARD



SECTION 3 TEST MODE

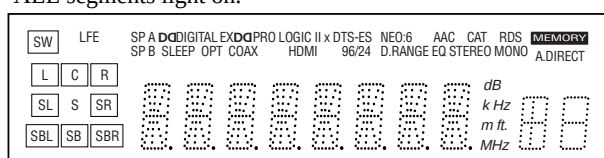
FACTORY PRESET MODE

- * All preset contents are reset to the default setting.
- * Procedure:
While depressing the **[SPEAKERS (OFF/A/B/A+B)]** and the **[MOVIE]** buttons simultaneously, press the **[I/⏻]** button to turn on the main power.
The message “FACTORY” appears for a moment and the present contents are reset to the default values.

VACUUM FLUORESCENT DISPLAY TEST MODE

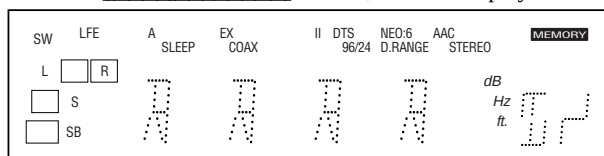
- * All fluorescent segments are tested.
- When this test is activated, all segments light on at the same time, then each segment lights on one after another.
- * Procedure:
While depressing the **[TUNING MODE]** and the **[DISPLAY]** buttons simultaneously, press the **[I/⏻]** button to turn on the main power.

1. ALL segments light on.

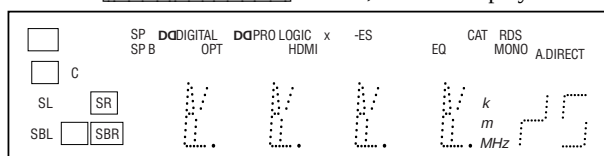


[MULTI CHANNEL DECODING] LED light on.

2. Turn the **[INPUT SELECTOR]** control, confirm display.



3. Turn the **[INPUT SELECTOR]** control, confirm display.



[MULTI CHANNEL DECODING] LED light on.

4. Turn the **[INPUT SELECTOR]** control, all segments and all LEDs light off.

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:
While depressing the **[2CH]** button, press the **[I/⏻]** button to turn on the main power.
The message “S.F. CLR.” appears for a moment and initialization is performed.

SOFTWARE VERSION DISPLAY MODE

- * The software version is displayed.
- * Procedure:
While depressing the **[SPEAKERS (OFF/A/B/A+B)]** and the **[DISPLAY]** buttons simultaneously, press the **[I/⏻]** button to turn on the main power.
The model name, destination and the software version are displayed for a moment.

KEY CHECK MODE

- * Button check
- * Procedure:
While depressing the **[SPEAKERS (OFF/A/B/A+B)]** and the **[2CH]** buttons simultaneously, press the **[I/⏻]** button to turn on the main power.
Either the message “REST 14” appears.
Every pressing of any button other than the **[I/⏻]** counts down the buttons. The buttons which are already counted once are not counted again. When all buttons are pressed “REST 00” appears.

AUTOBETICAL MODE (AEP, UK model only)

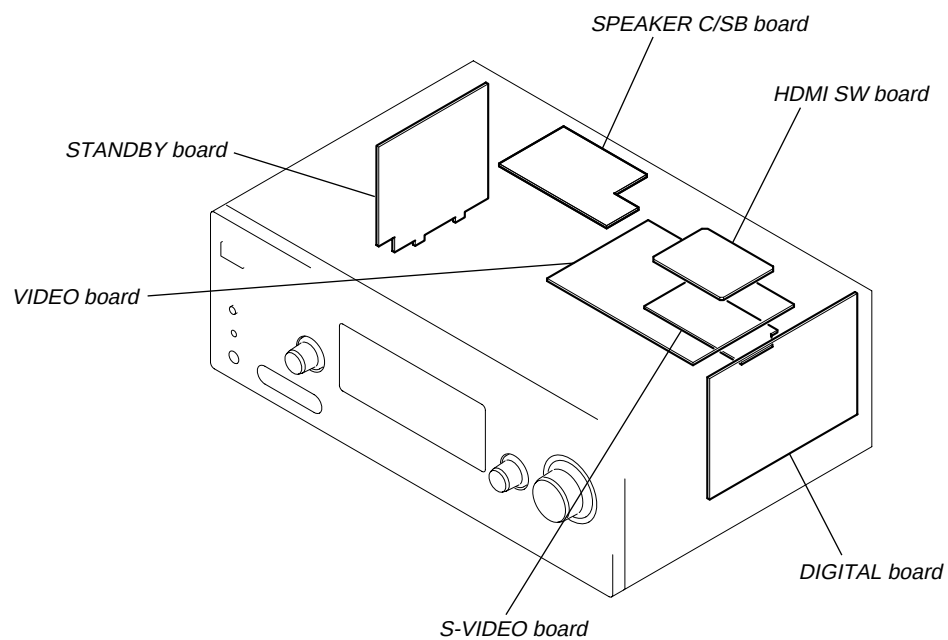
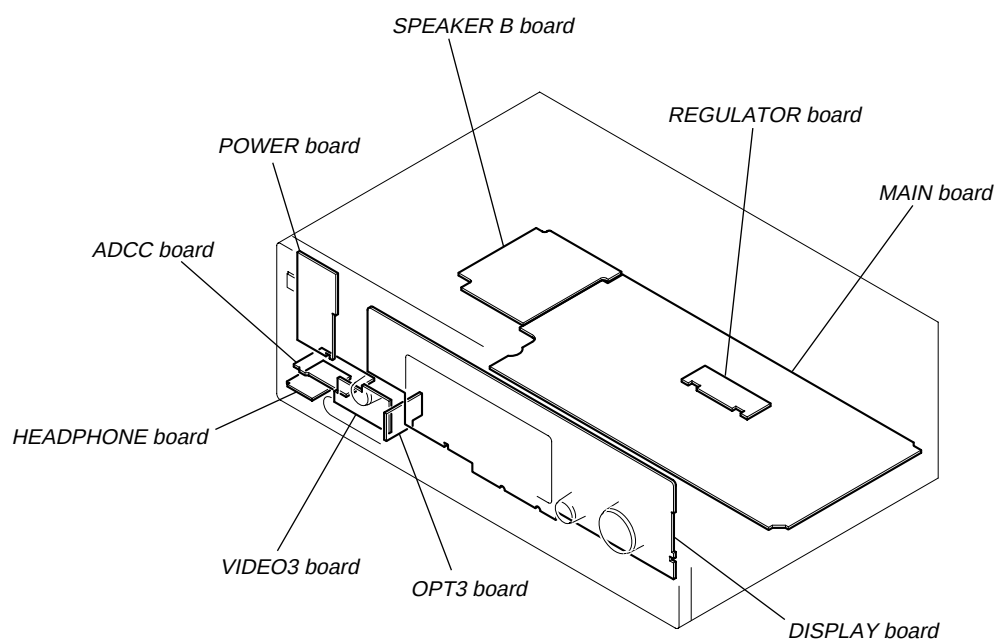
- * When this mode is used, the receiver scans the broadcasts that can be received by the tuner, and sets up the broadcasts.
- Be sure to start scanning after connecting the antenna.
- * Procedure:
Check that the antenna is connected.
While depressing the **[MEMORY/ENTER]** button, press the **[I/⏻]** button to turn on the main power.
The message “AUTO-BETICAL SELECT” appears for a moment and the receiver starts scanning.

COMMAND MODE SELECTION MODE

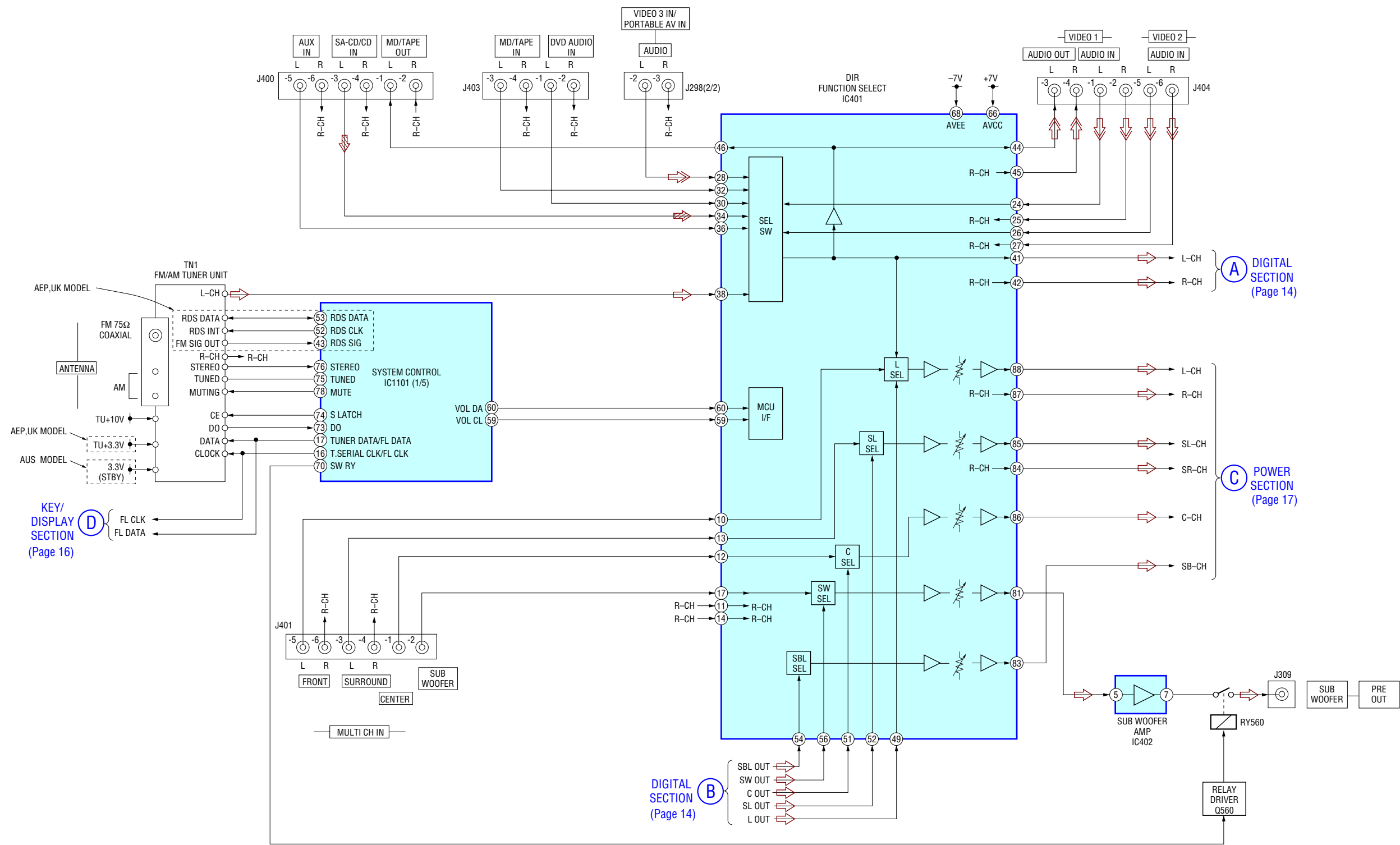
- * The command mode (AV1 or AV2) of the remote commander can be selected.
- * Procedure:
While depressing the **[INPUT MODE]** button, press the **[I/⏻]** button to turn on the main power.
Either the message “C.MODE.AV 1” or “C.MODE.AV 2” appears for a moment and select the desired mode.

SECTION 4 DIAGRAMS

4-1. CIRCUIT BOARDS LOCATION

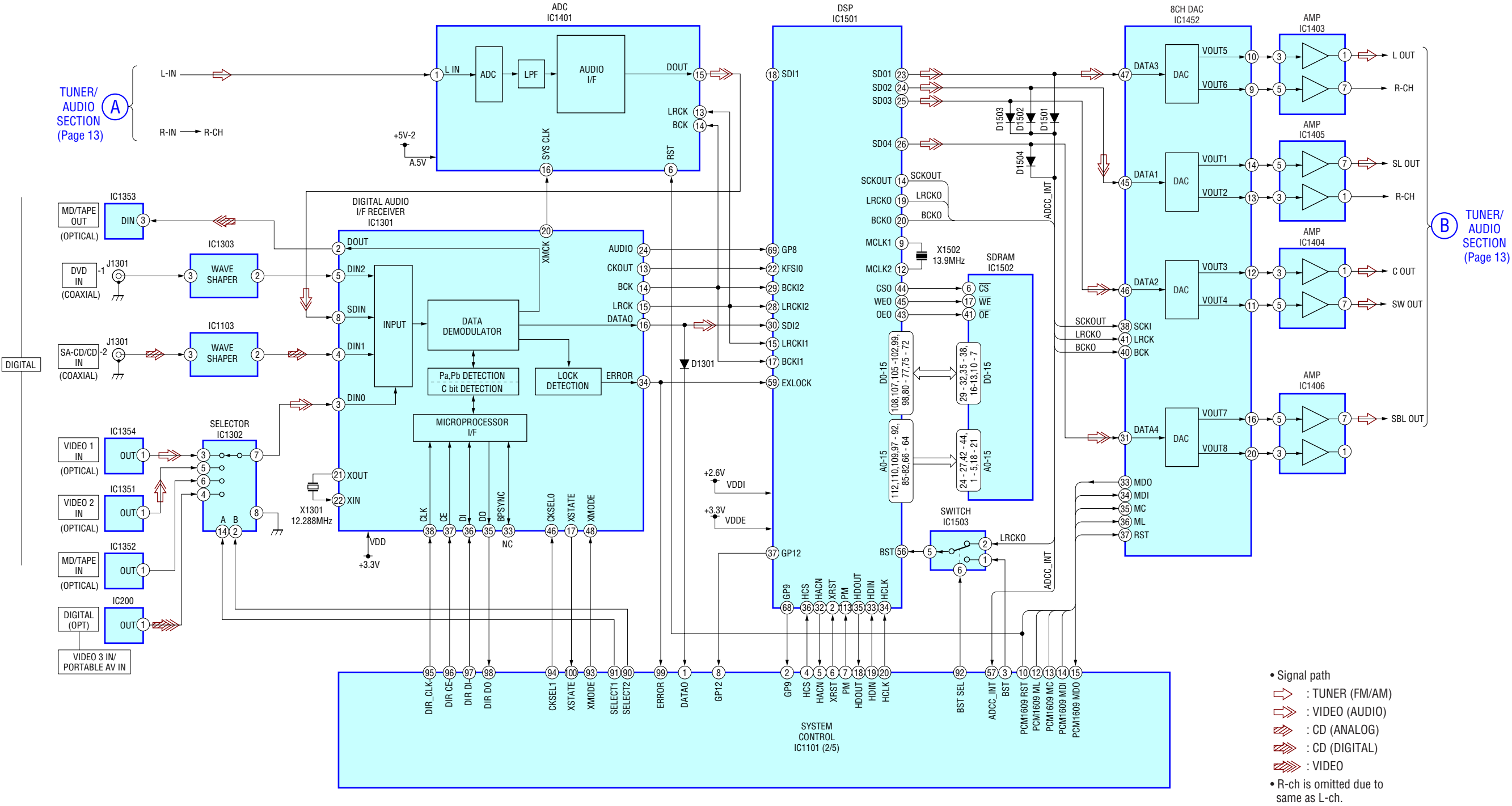


4-2. BLOCK DIAGRAM — TUNER/AUDIO SECTION —

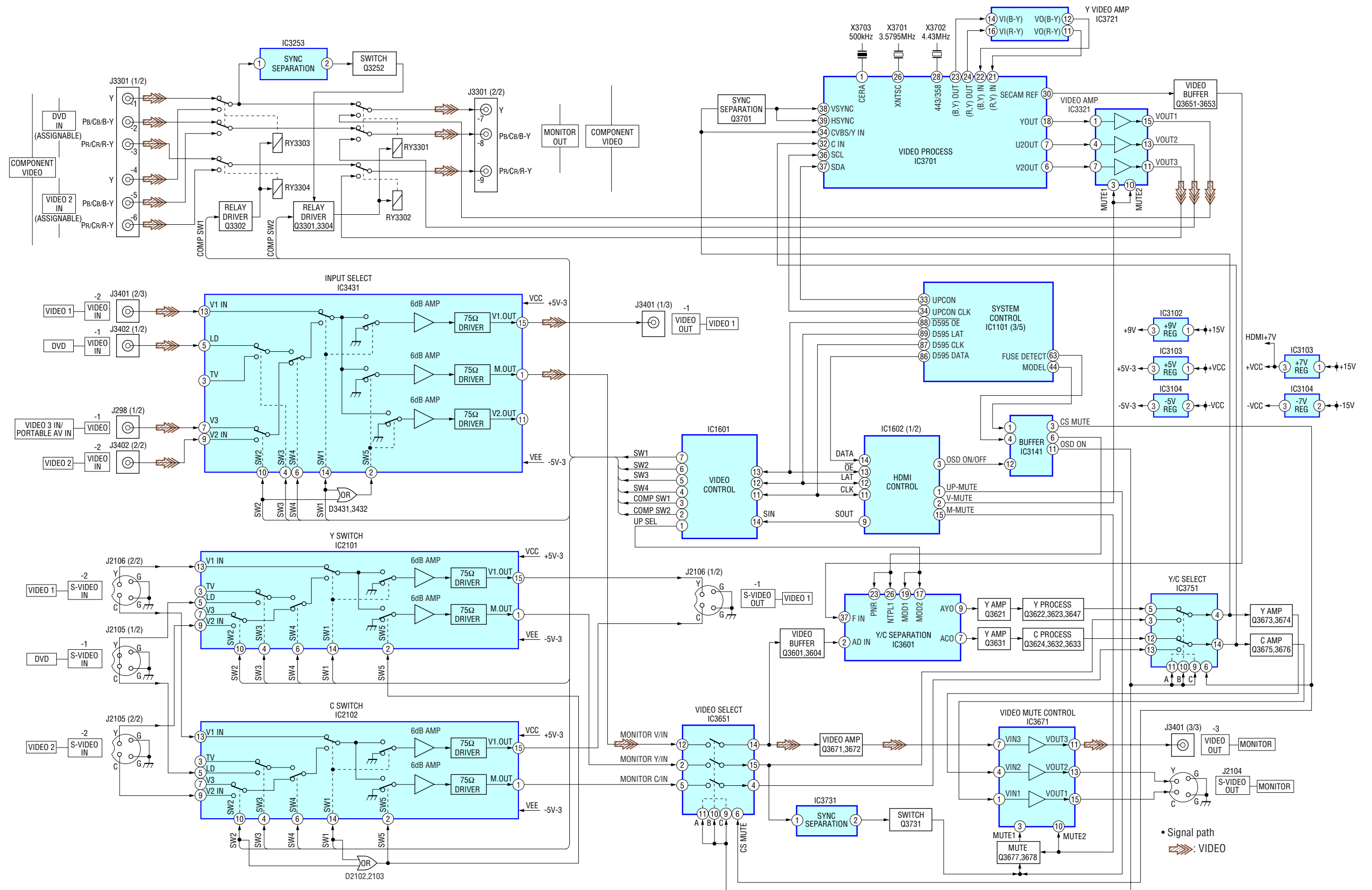


- Signal path
 - ➡ : TUNER (FM/AM)
 - ➡➡ : VIDEO (AUDIO)
 - ➡➡➡ : CD (ANALOG)
- R-ch is omitted due to same as L-ch.
- Abbreviation:
 - AUS: Australian model

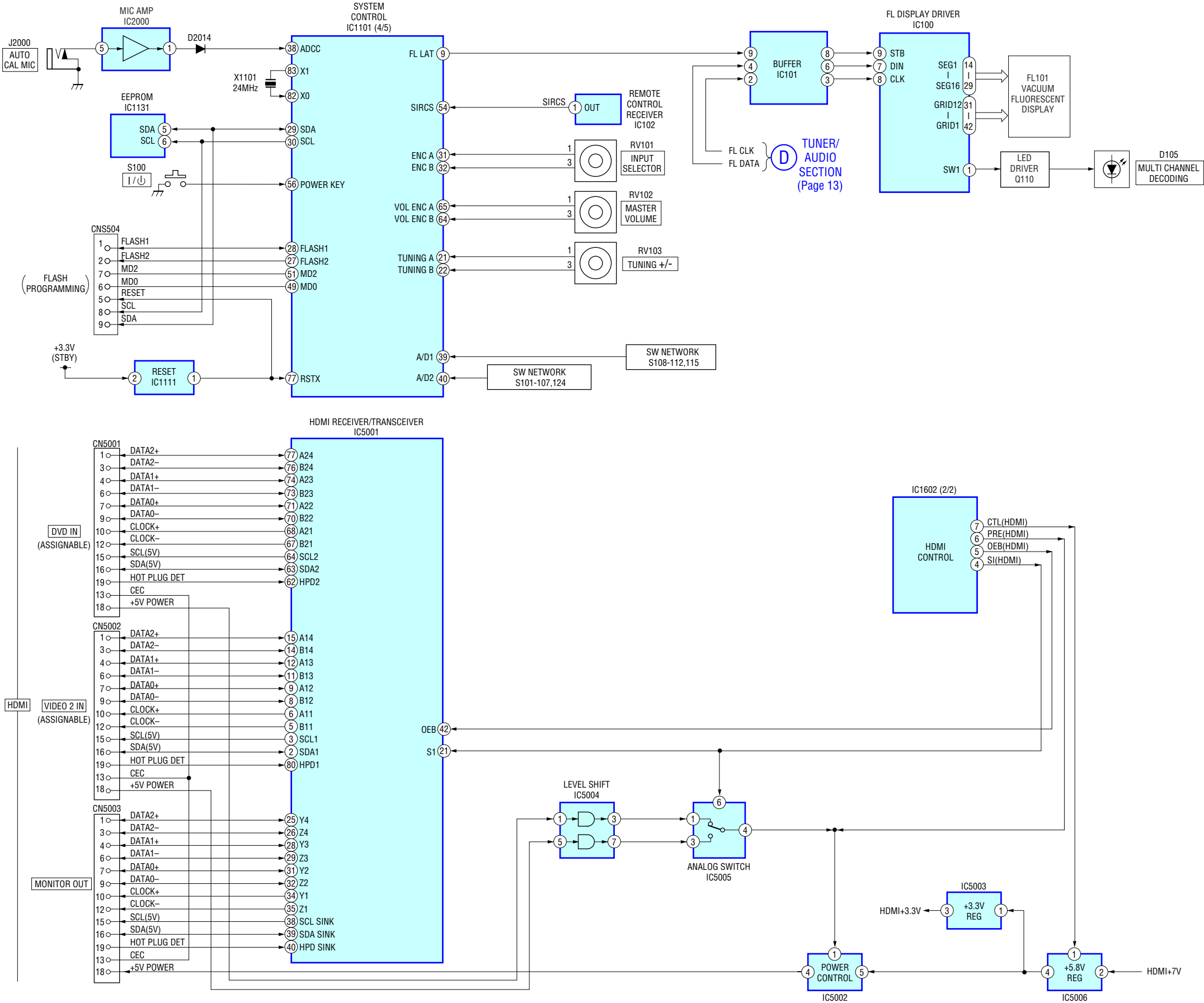
4-3. BLOCK DIAGRAM — DIGITAL SECTION —



4-4. BLOCK DIAGRAM — VIDEO SECTION —



4-5. BLOCK DIAGRAM — KEY/DISPLAY/HDMI SECTION —



17



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

for schematic 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.
- $\triangle$: internal component.
-  : nonflammable resistor.
-  : fusible resistor.
-  : panel designation.

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

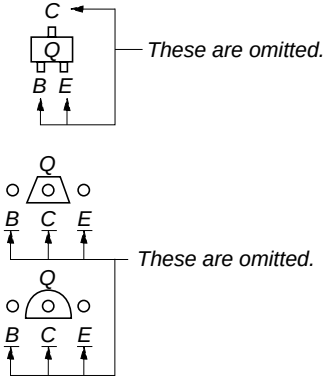
-  : B+ Line.
-  : B- Line.
- Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.
no mark : FM
- Voltages are taken with a VOM (Input impedance $10\text{ M}\Omega$).
Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
 -  : TUNER (FM/AM)
 -  : VIDEO (AUDIO)
 -  : VIDEO
 -  : CD (ANALOG)
 -  : CD (DIGITAL)
- Abbreviation
AUS : Australian model.

for printed wiring boards:

-  : parts extracted from the component side.
- $\triangle$: internal component.
-  : Pattern from the side which enables seeing.

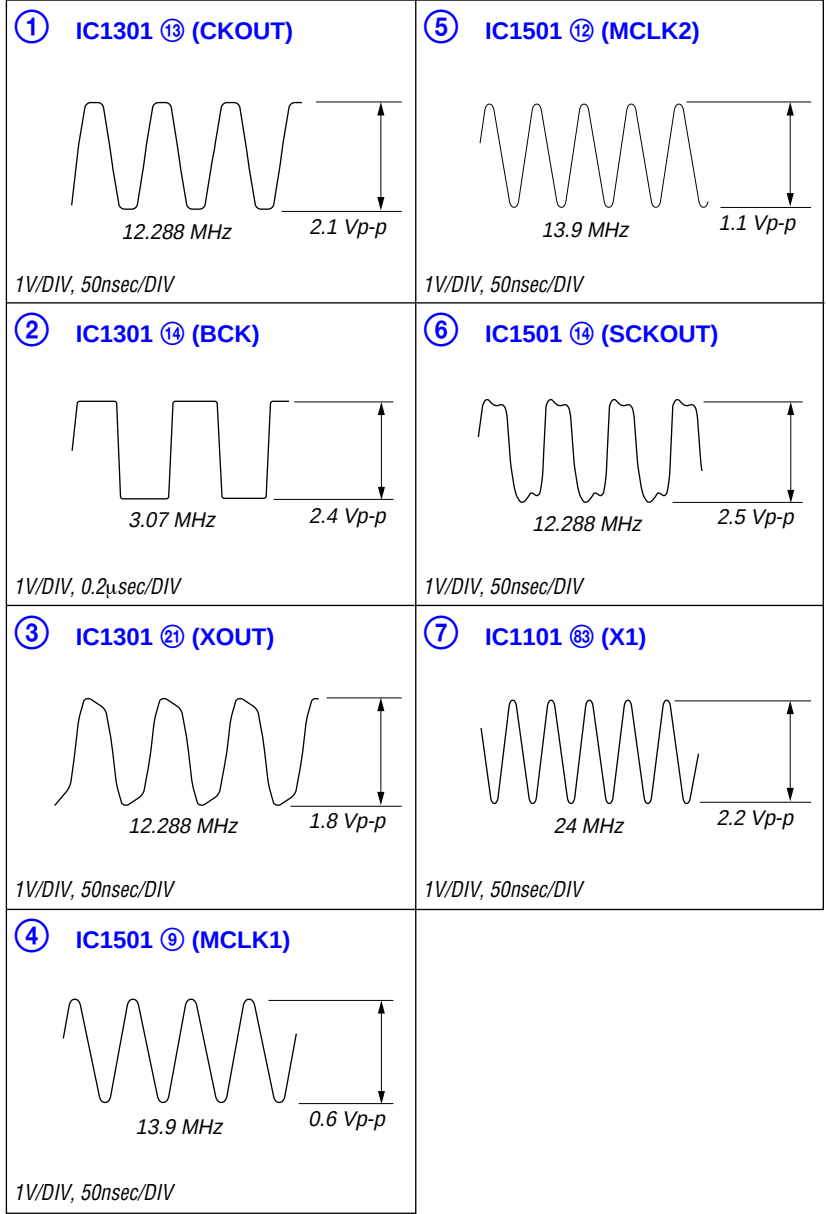
Caution:
Pattern face side: Parts on the pattern face side seen from the (Side B) pattern face are indicated.
Parts face side: Parts on the parts face side seen from the (Side A) parts face are indicated.

- Abbreviation
AUS : Australian model.

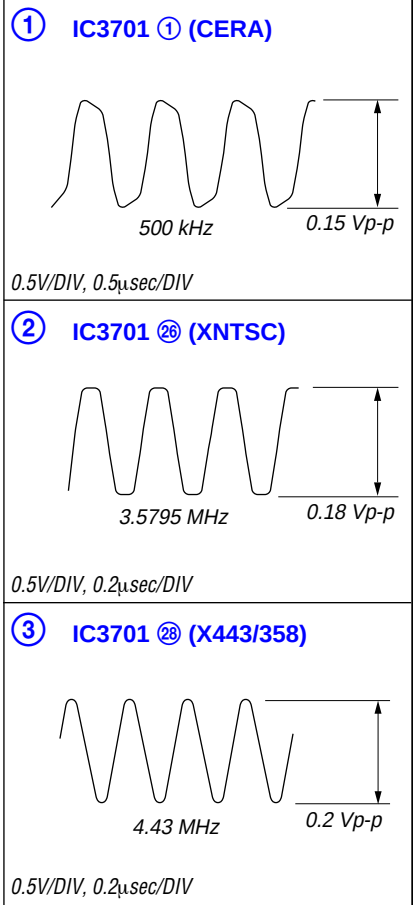


• Waveforms

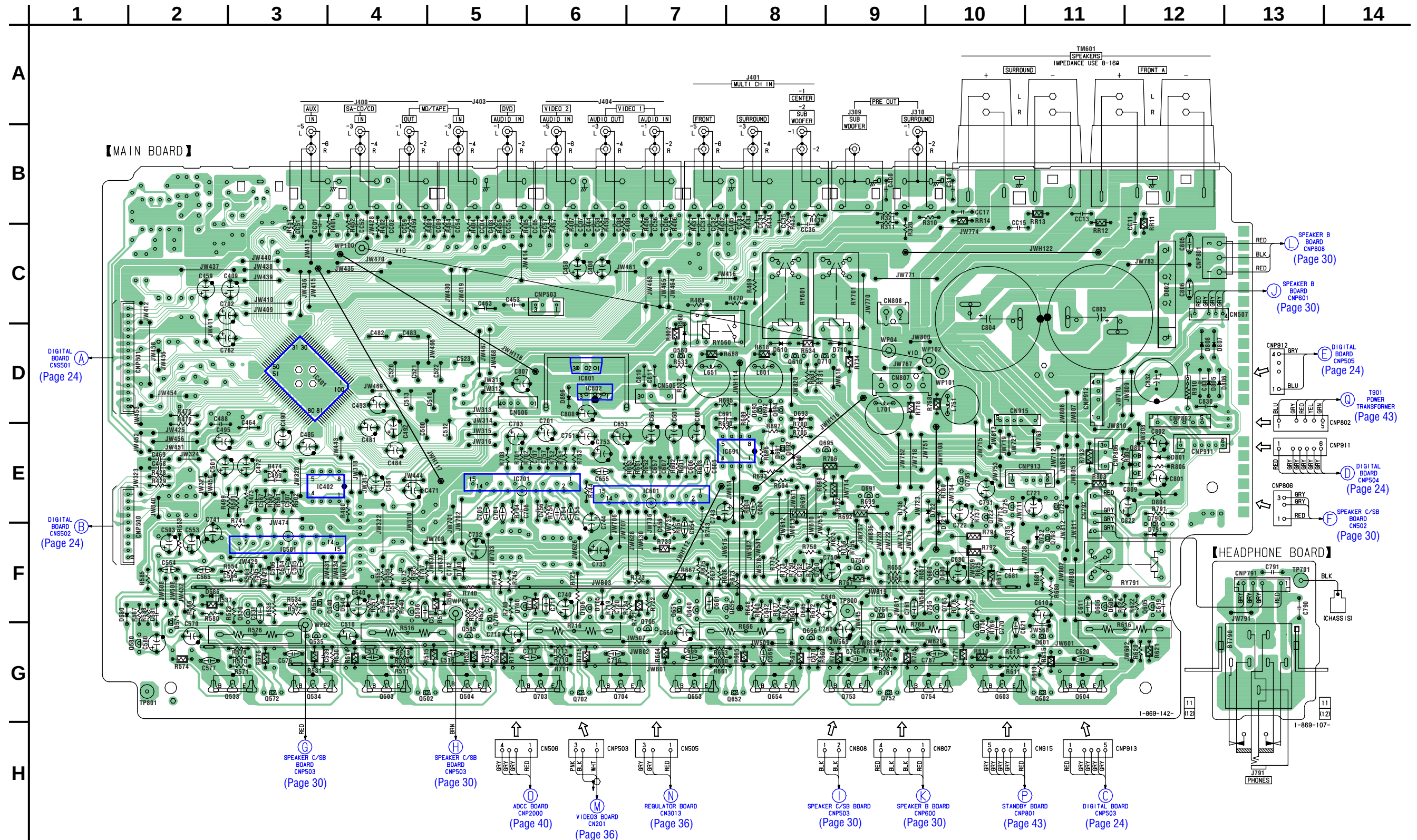
— DIGITAL Board —



— VIDEO Board —



4-7. PRINTED WIRING BOARDS — MAIN SECTION — • Refer to page 12 for Circuit Boards Location. : Uses unleaded solder.



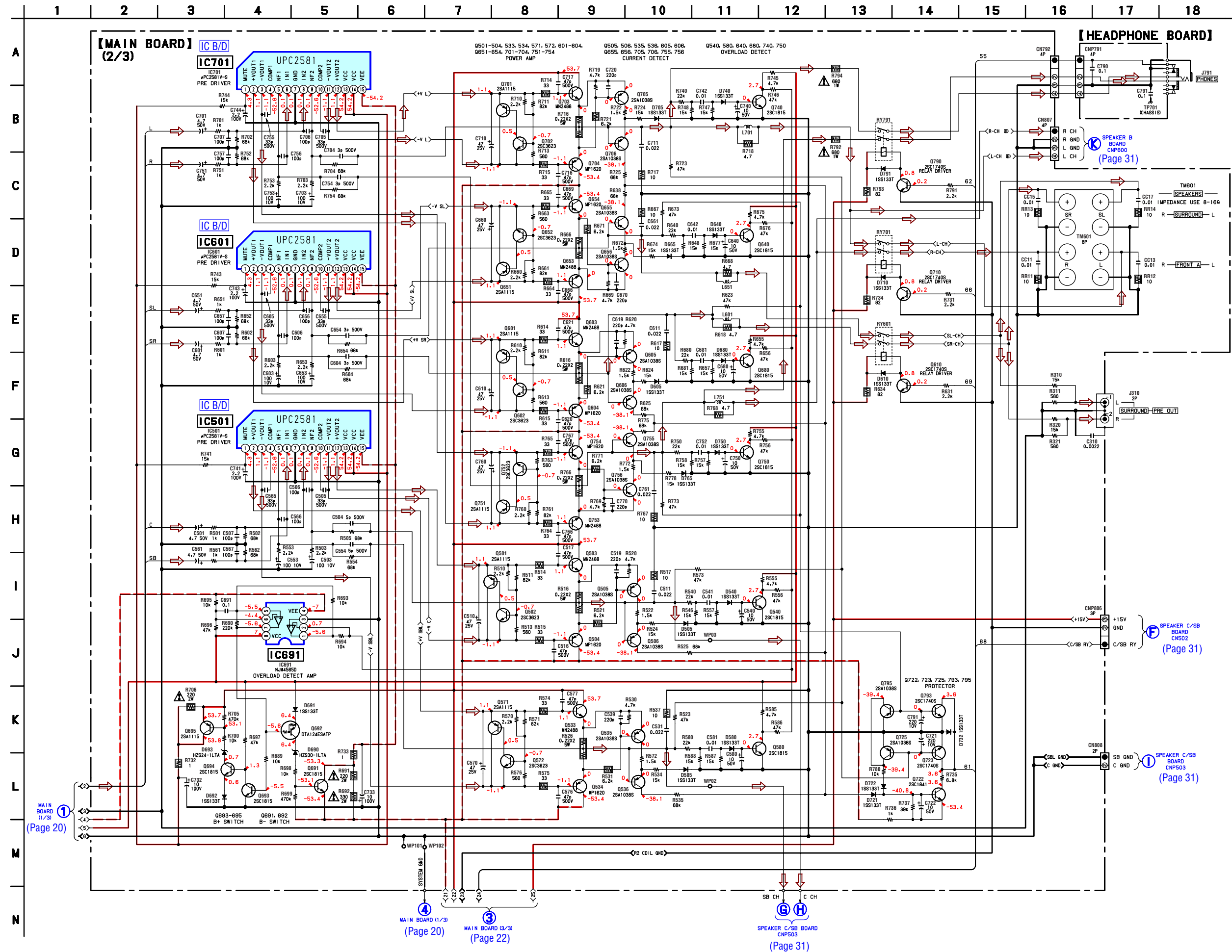
- **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D505	F-5	D691	E-8	D791	F-12	IC402	E-4	Q504	G-5	Q580	G-2	Q653	G-7	Q702	G-6	Q751	F-9
D540	F-4	D692	D-8	D801	E-12	IC501	F-3	Q505	G-5	Q601	G-11	Q654	G-8	Q703	G-6	Q752	G-9
D560	D-7	D693	D-8	D802	C-12	IC601	E-7	Q506	F-4	Q602	G-11	Q655	F-8	Q704	G-6	Q753	G-9
D580	F-1	D705	F-6	D804	E-12	IC691	E-8	Q533	G-3	Q603	G-10	Q656	G-8	Q705	G-7	Q754	G-10
D585	F-2	D710	D-9	D805	D-12	IC701	E-6	Q534	G-3	Q604	G-11	Q680	F-10	Q706	F-6	Q755	F-10
D605	F-11	D721	F-10	D806	D-12	IC801	D-6	Q535	G-3	Q605	F-12	Q691	E-9	Q710	D-9	Q756	G-10
D610	D-8	D722	E-10	D807	D-12	IC802	D-6	Q536	F-3	Q606	F-11	Q692	E-8	Q722	E-10	Q790	F-12
D640	F-8	D732	F-11	D808	D-12			Q540	F-4	Q610	D-8	Q693	D-8	Q723	E-11	Q793	F-11
D665	F-8	D740	F-5	D896	D-6	Q501	F-3	Q560	D-8	Q640	F-7	Q694	D-8	Q725	E-10	Q795	E-10
D680	F-10	D750	F-8			Q502	G-4	Q571	F-2	Q651	F-7	Q695	E-9	Q740	F-6	Q801	E-12
D690	E-8	D765	F-10	IC401	D-3	Q503	G-4	Q572	G-3	Q652	G-8	Q701	F-5	Q750	F-9		

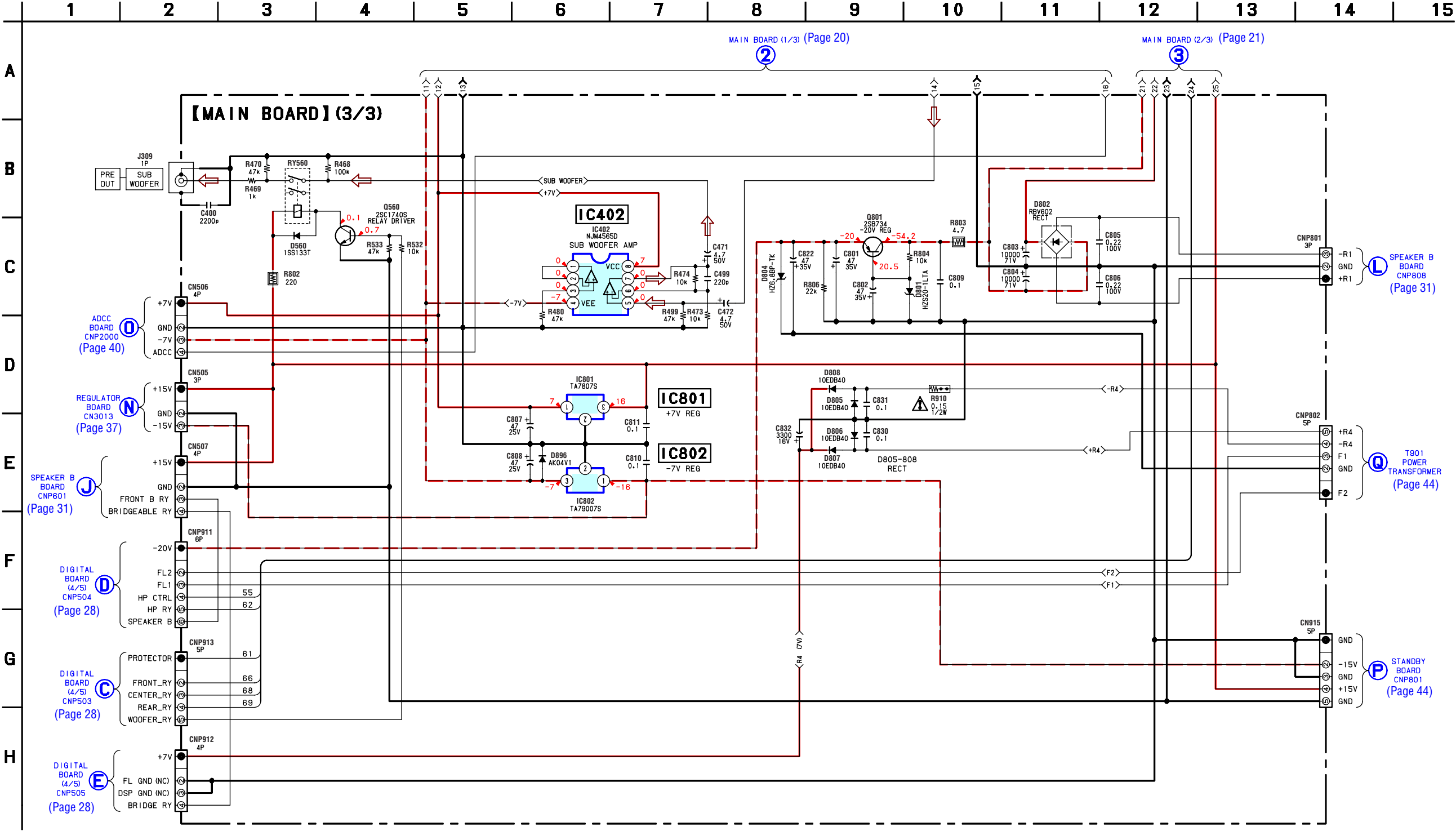
20



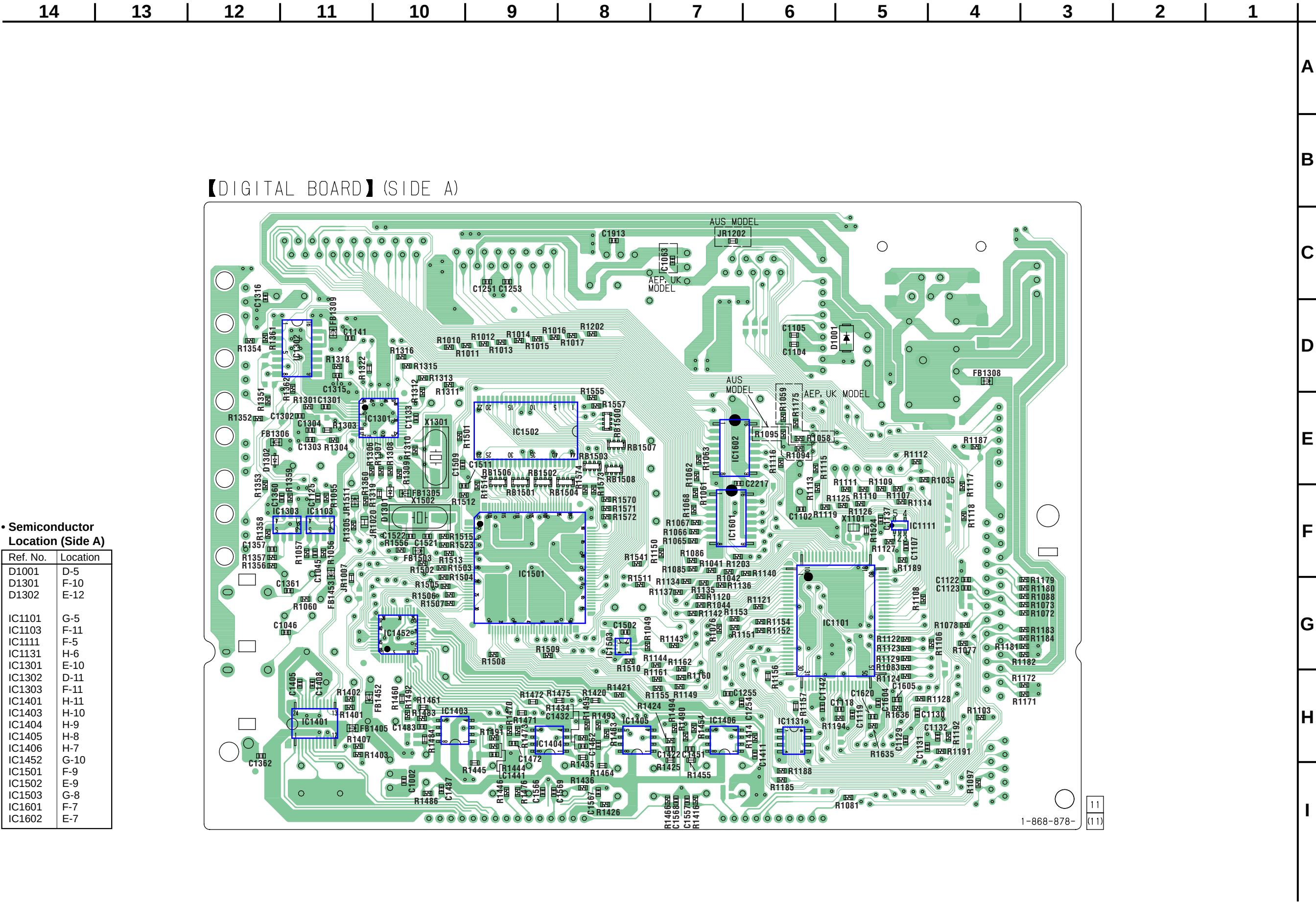
4-9. SCHEMATIC DIAGRAM — MAIN SECTION (2/3) — • Refer to page 45 for IC Block Diagrams.



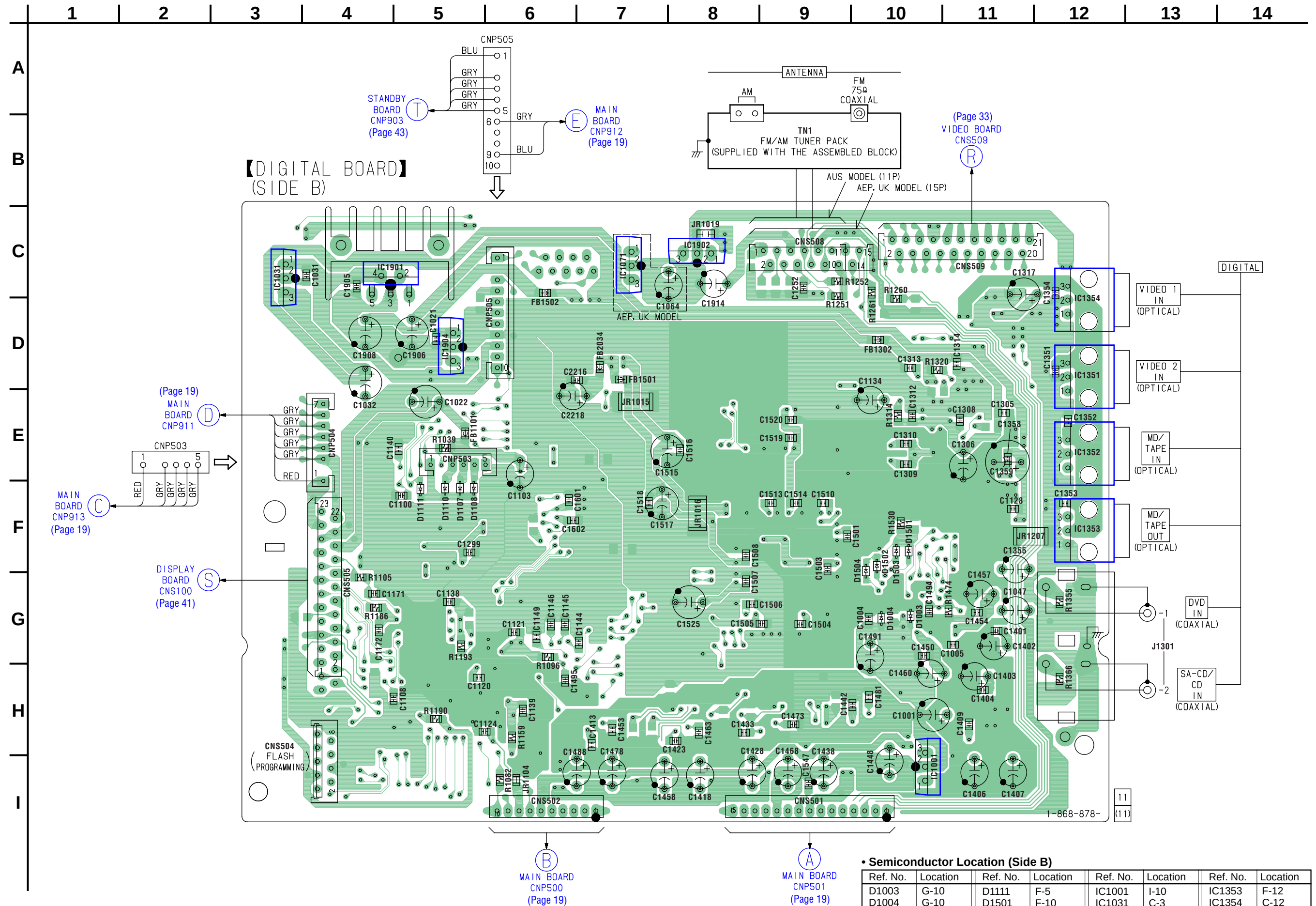
4-10. SCHEMATIC DIAGRAM — MAIN SECTION (3/3) —



4-11. PRINTED WIRING BOARD — DIGITAL SECTION (1/2) — • Refer to page 12 for Circuit Boards Location. : Uses unleaded solder.



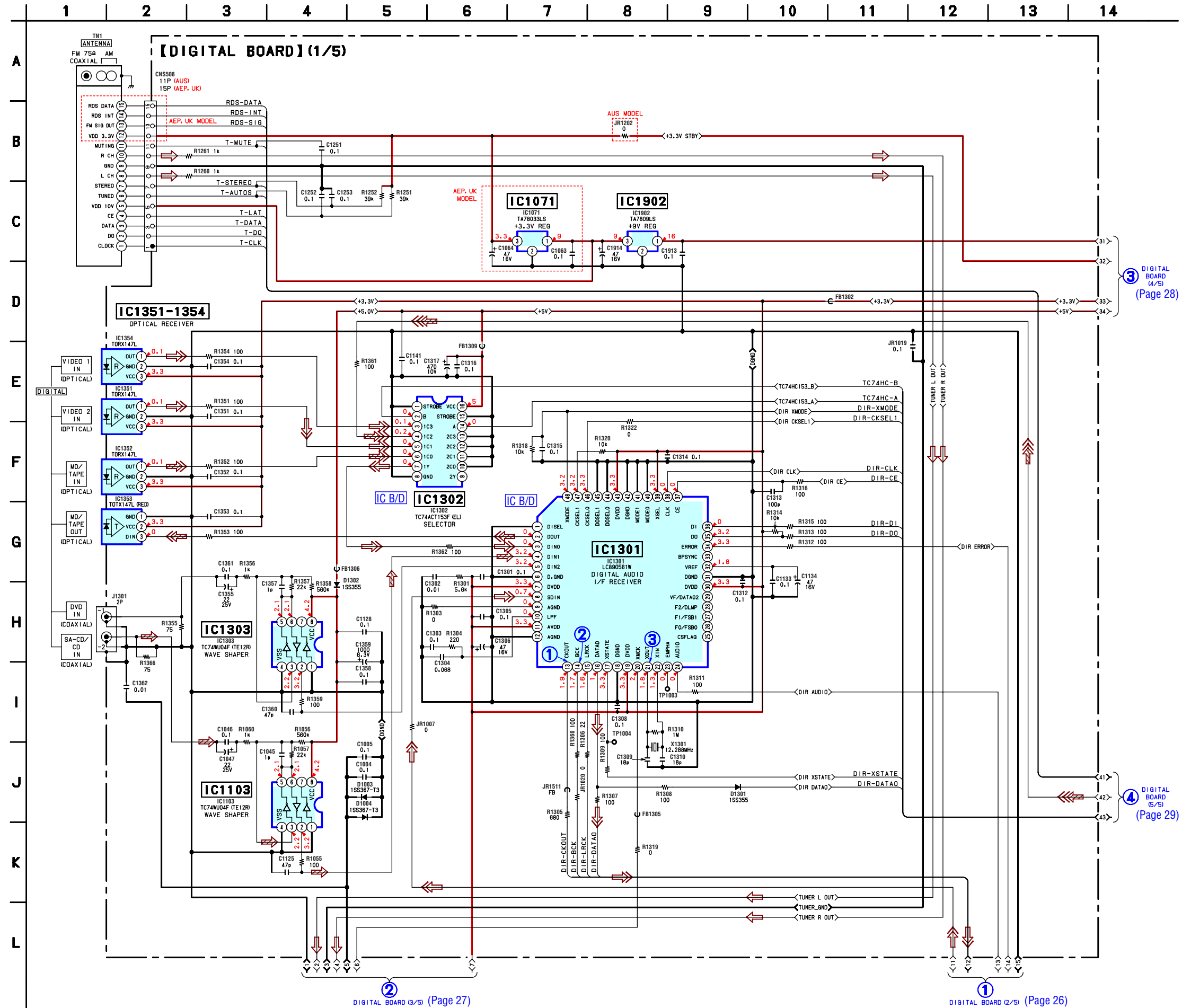
4-12. PRINTED WIRING BOARD — DIGITAL SECTION (2/2) — • Refer to page 12 for Circuit Boards Location. : Uses unleaded solder.



• Semiconductor Location (Side B)							
Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D1003	G-10	D1111	F-5	IC1001	I-10	IC1353	F-12
D1004	G-10	D1501	F-10	IC1031	C-3	IC1354	C-12
D1107	F-5	D1502	F-10	(IC1071)	C-7	IC1901	C-4
D1108	F-5	D1503	F-10	IC1351	D-12	IC1902	C-8
D1110	F-5	D1504	F-10	IC1352	E-12	IC1904	D-5

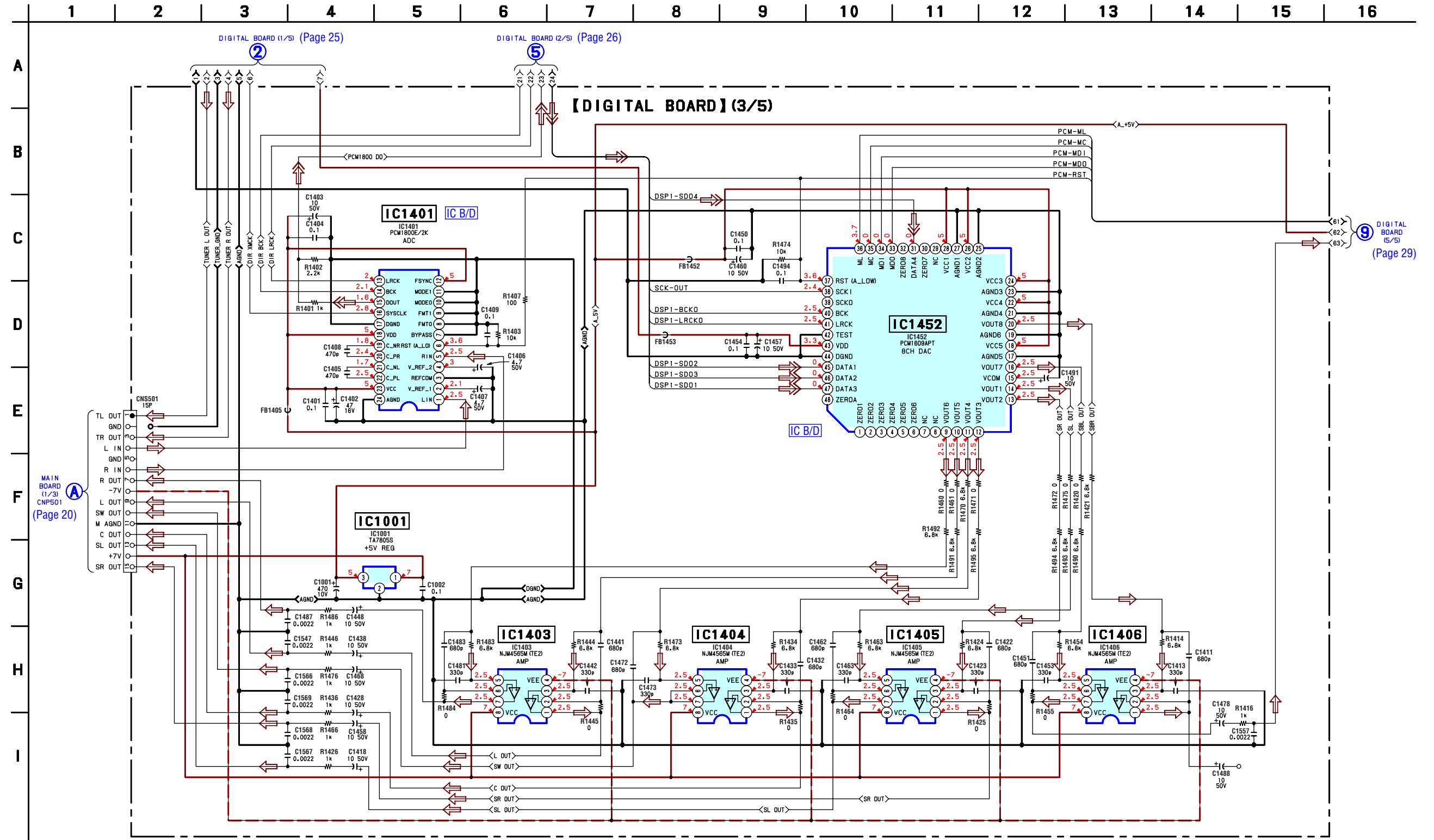
(): AEP, UK model

25

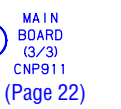


[illegible]

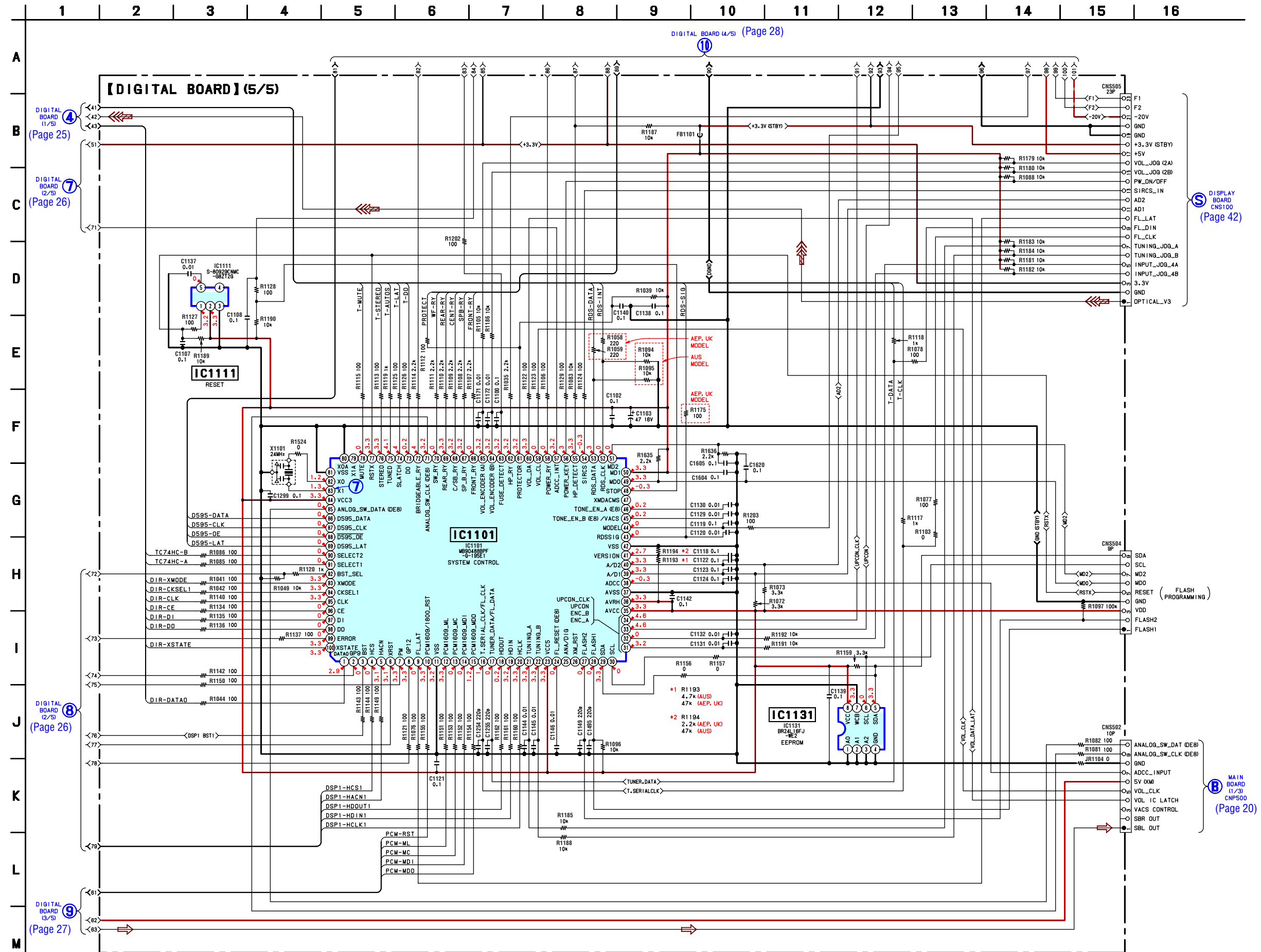
4-15. SCHEMATIC DIAGRAM — DIGITAL SECTION (3/5) — • Refer to page 46 for IC Block Diagrams.



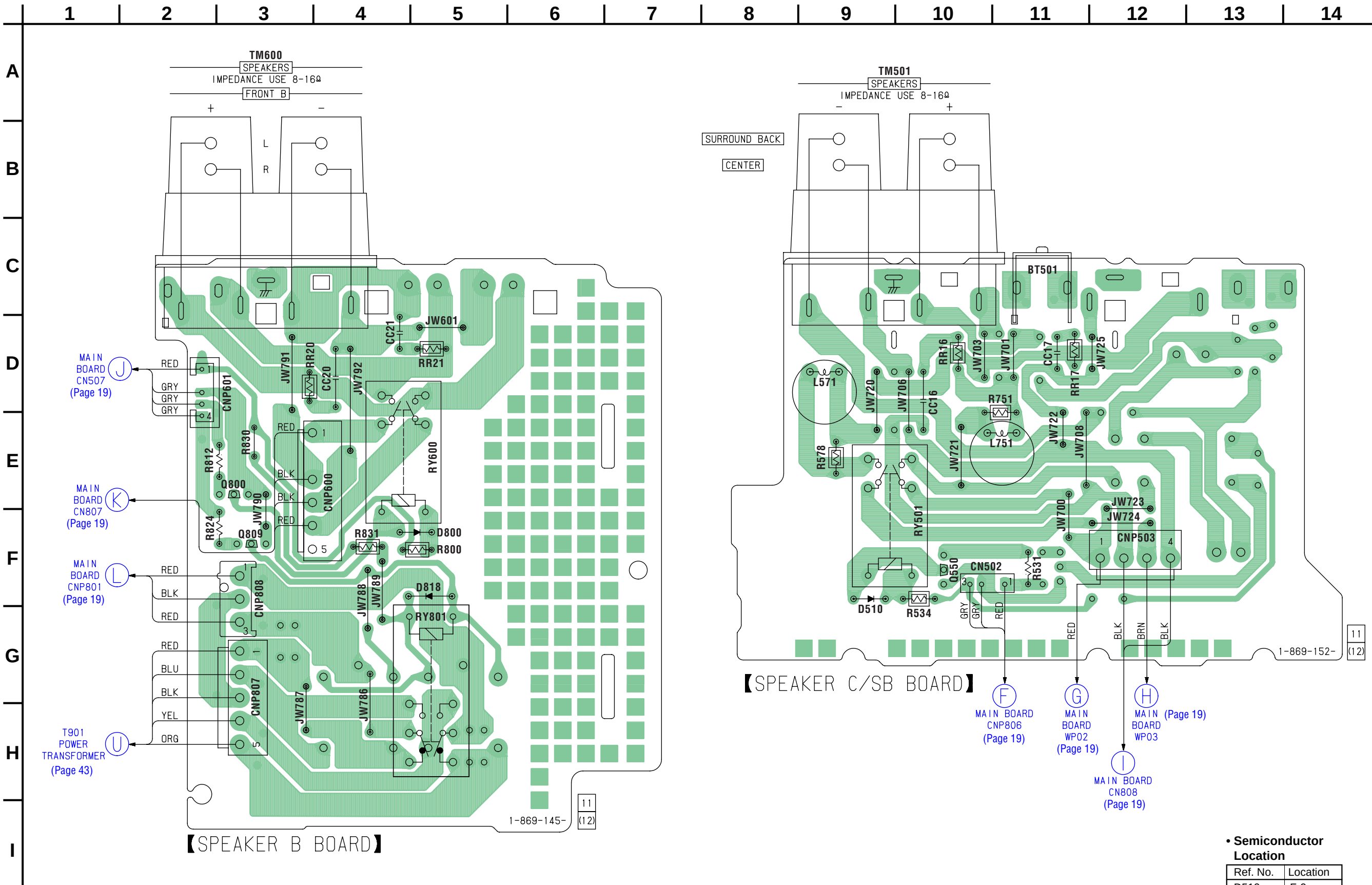
28



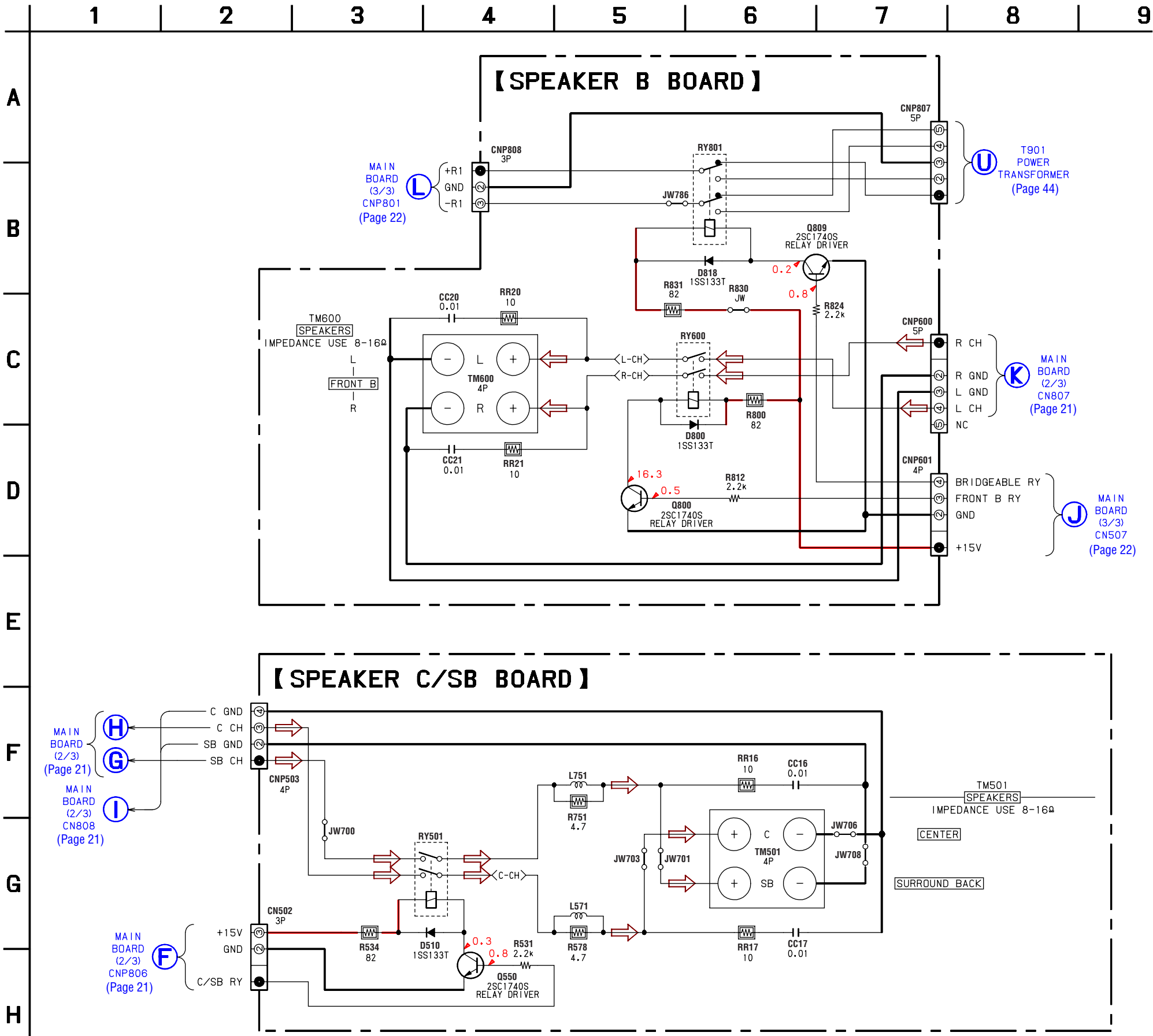
4-17. SCHEMATIC DIAGRAM — DIGITAL SECTION (5/5) — • Refer to page 18 for Waveforms and page 54 for IC Pin Descriptions.



4-18. PRINTED WIRING BOARDS — FRONT B/CENTER/SURROUND BACK SPEAKER SECTION — • Refer to page 12 for Circuit Boards Location. : Uses unleaded solder.



4-19. SCHEMATIC DIAGRAM — FRONT B/CENTER/SURROUND BACK SPEAKER SECTION —



4-20. PRINTED WIRING BOARD — VIDEO SECTION (1/2) — • Refer to page 12 for Circuit Boards Location. : Uses unleaded solder.

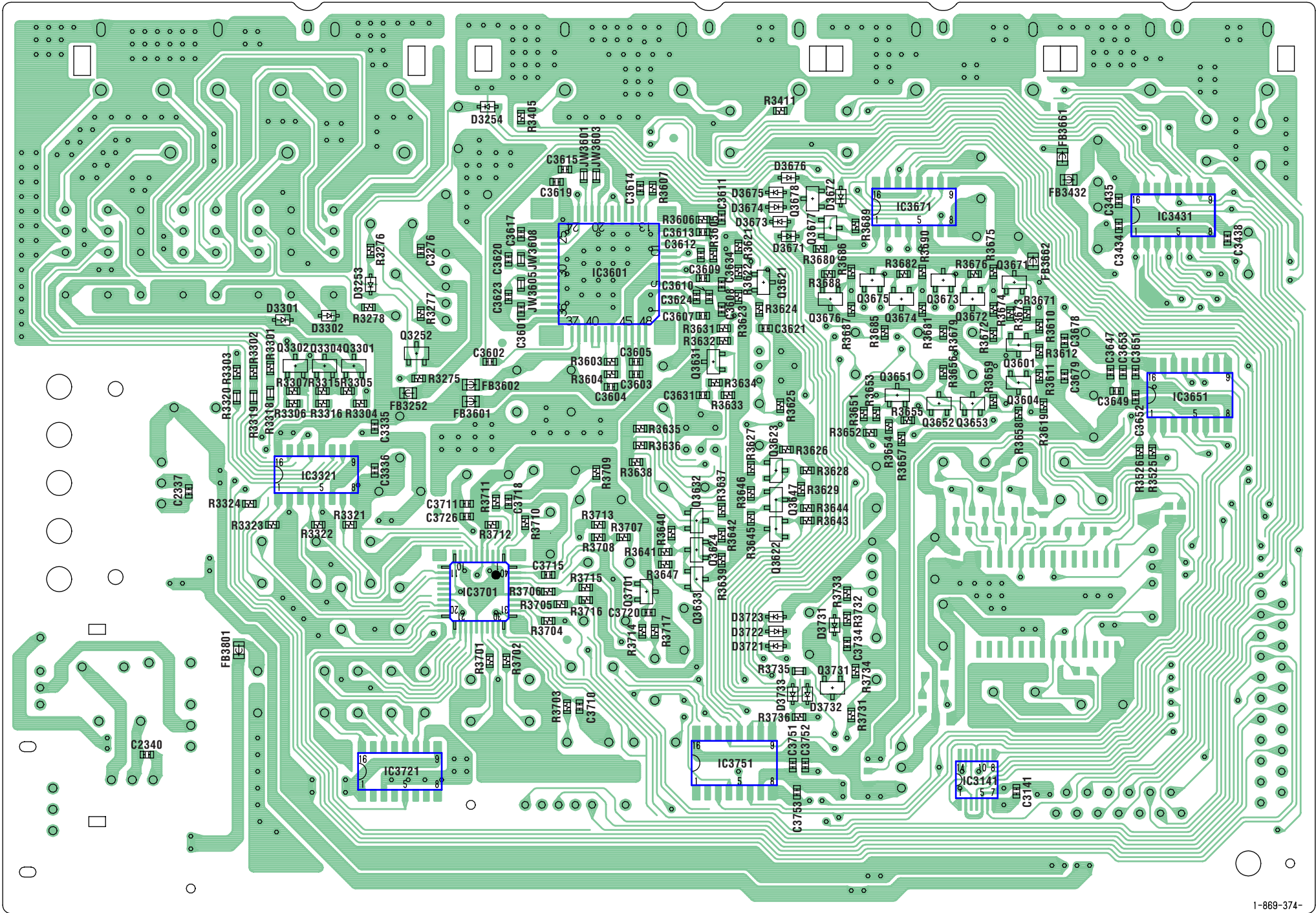
13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

A
B
C
D
E
F
G
H
I
J

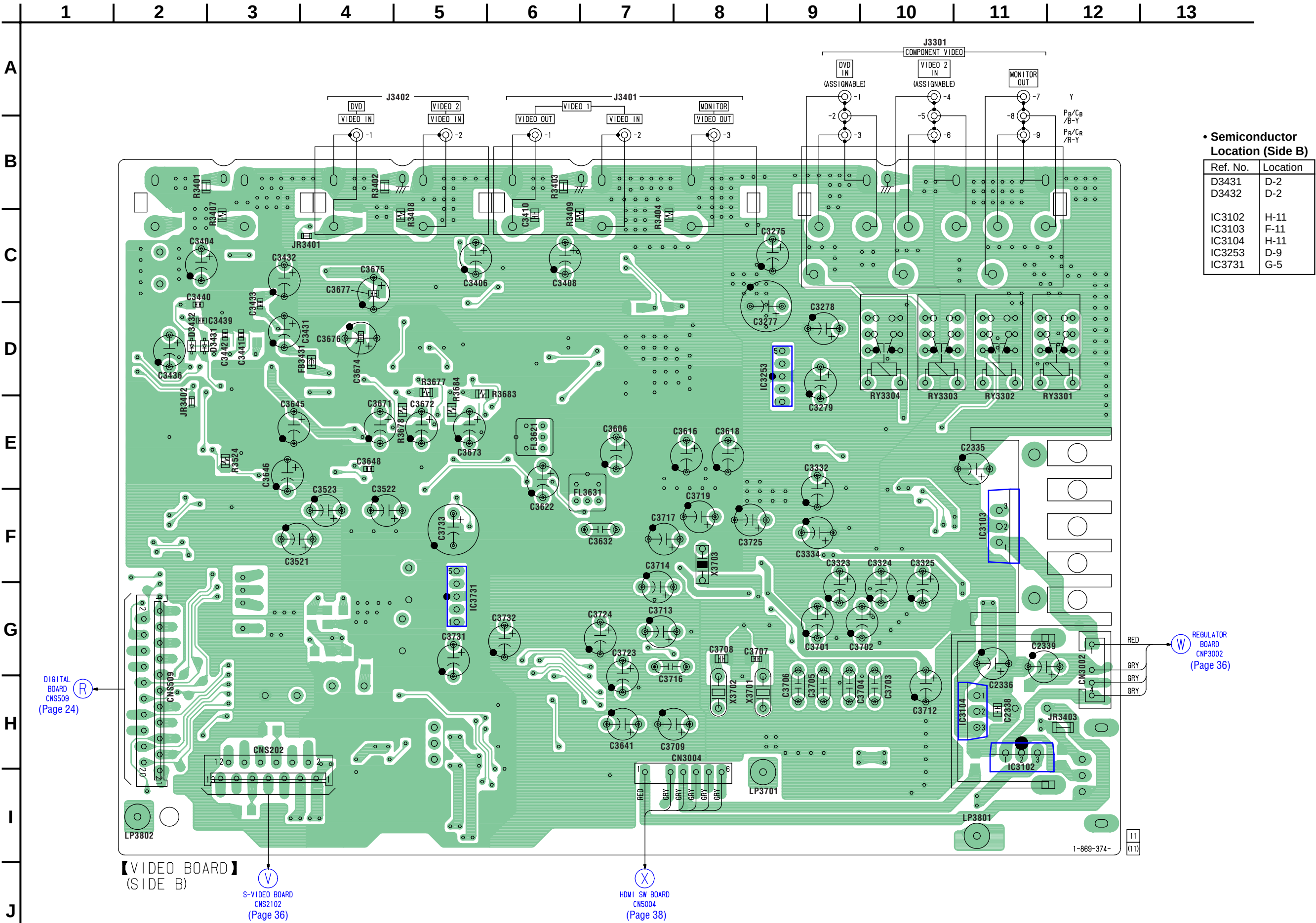
• Semiconductor Location (Side A)

Ref. No.	Location
D3253	D-9
D3254	C-8
D3301	E-10
D3302	E-10
D3671	D-6
D3672	D-6
D3673	D-6
D3674	D-6
D3675	D-6
D3676	C-6
D3721	G-6
D3722	G-6
D3723	G-6
D3731	G-6
D3732	H-6
D3733	H-6
IC3141	H-4
IC3321	F-10
IC3431	D-3
IC3601	D-7
IC3651	E-3
IC3671	D-5
IC3701	G-8
IC3721	H-9
IC3751	H-6
Q3252	E-9
Q3301	E-9
Q3302	E-10
Q3304	E-10
Q3601	E-4
Q3604	E-4
Q3621	D-6
Q3622	F-6
Q3623	F-6
Q3624	F-7
Q3631	E-7
Q3632	F-7
Q3633	G-7
Q3647	F-6
Q3651	E-5
Q3652	E-5
Q3653	E-4
Q3671	D-4
Q3672	D-4
Q3673	D-5
Q3674	D-5
Q3675	D-5
Q3676	D-6
Q3677	D-6
Q3678	D-6
Q3701	G-7
Q3731	H-6

【 VIDEO BOARD 】 (SIDE A)



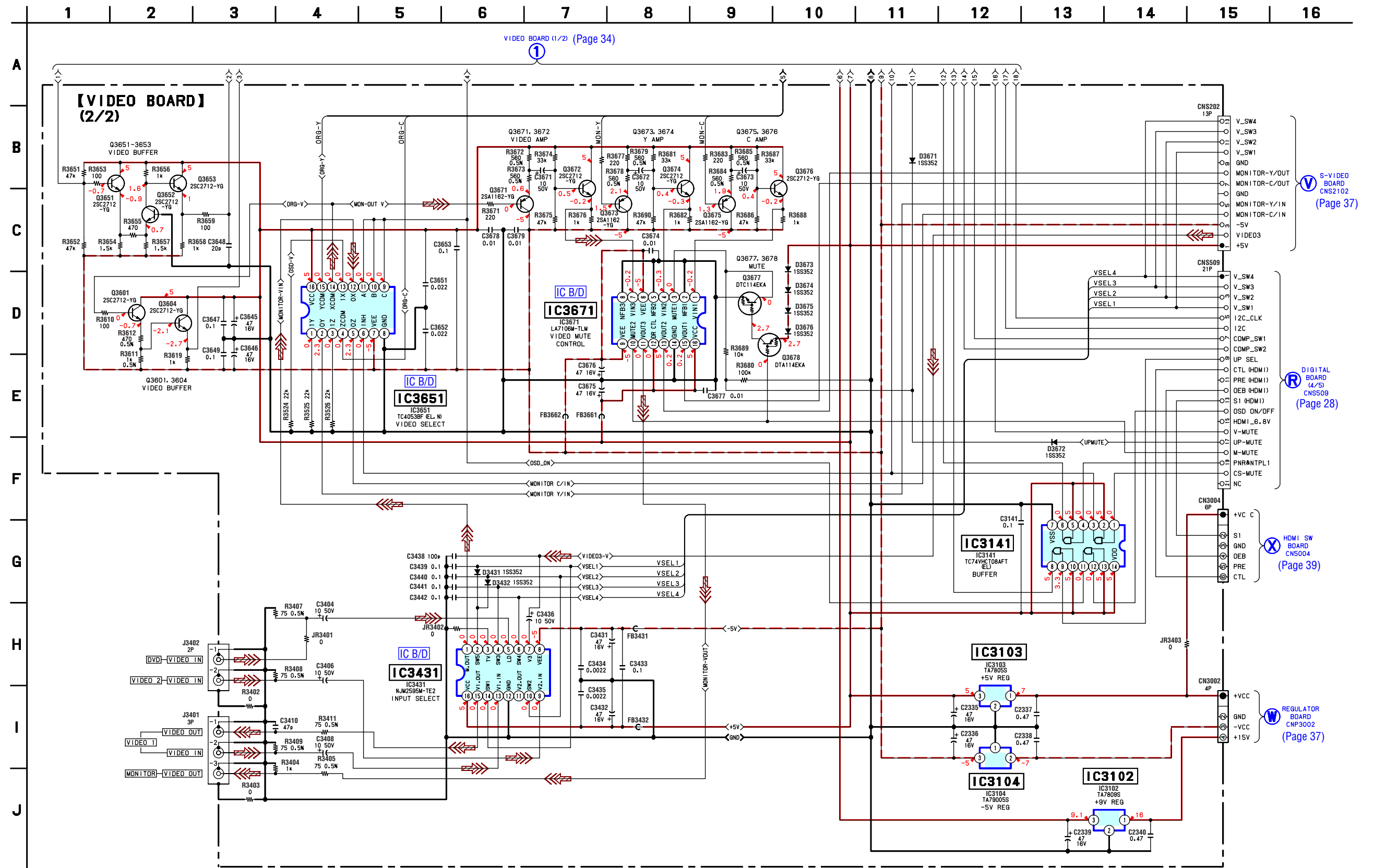
4-21. PRINTED WIRING BOARD — VIDEO SECTION (2/2) — • Refer to page 12 for Circuit Boards Location.  : Uses unleaded solder.



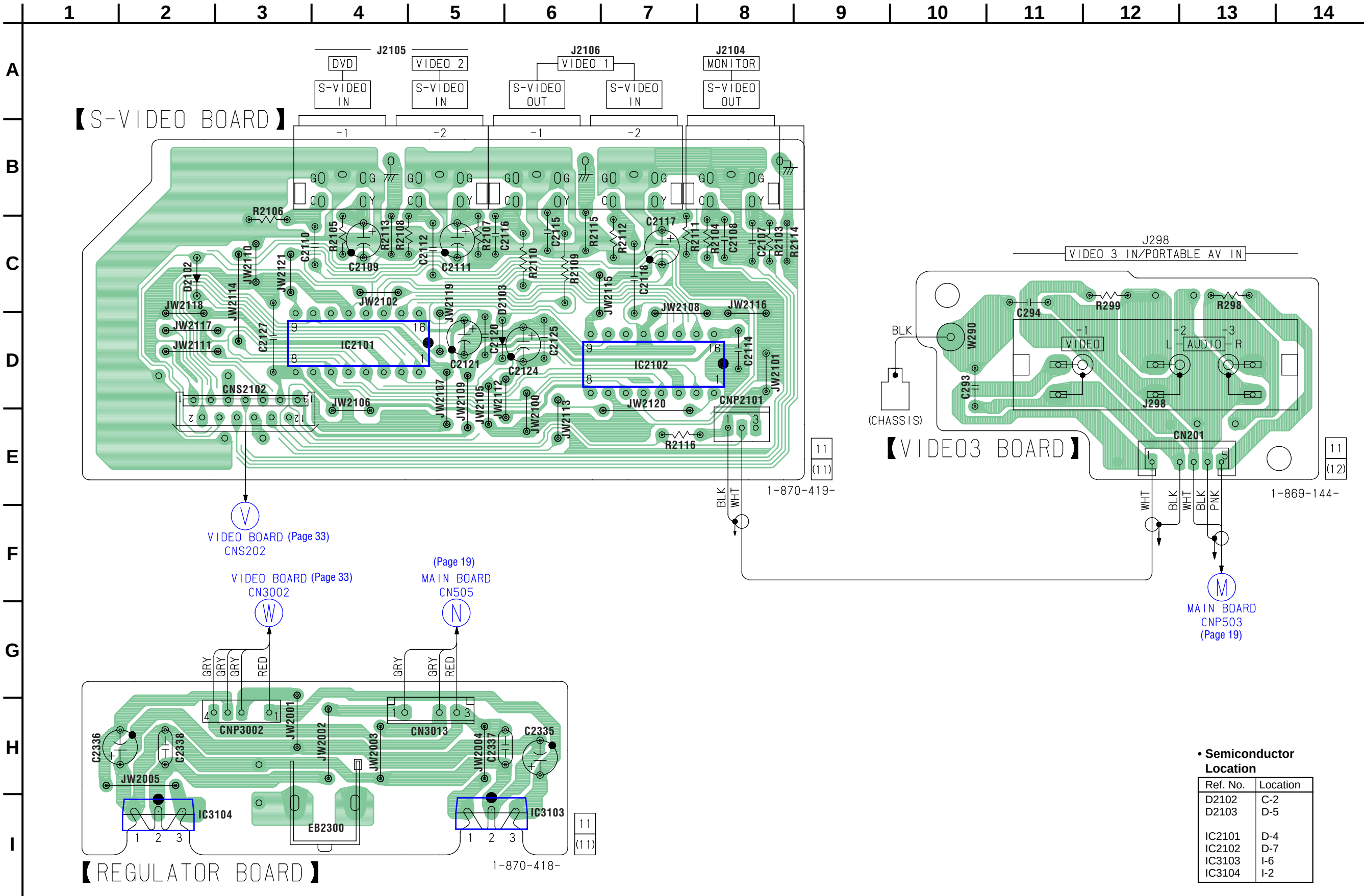
34



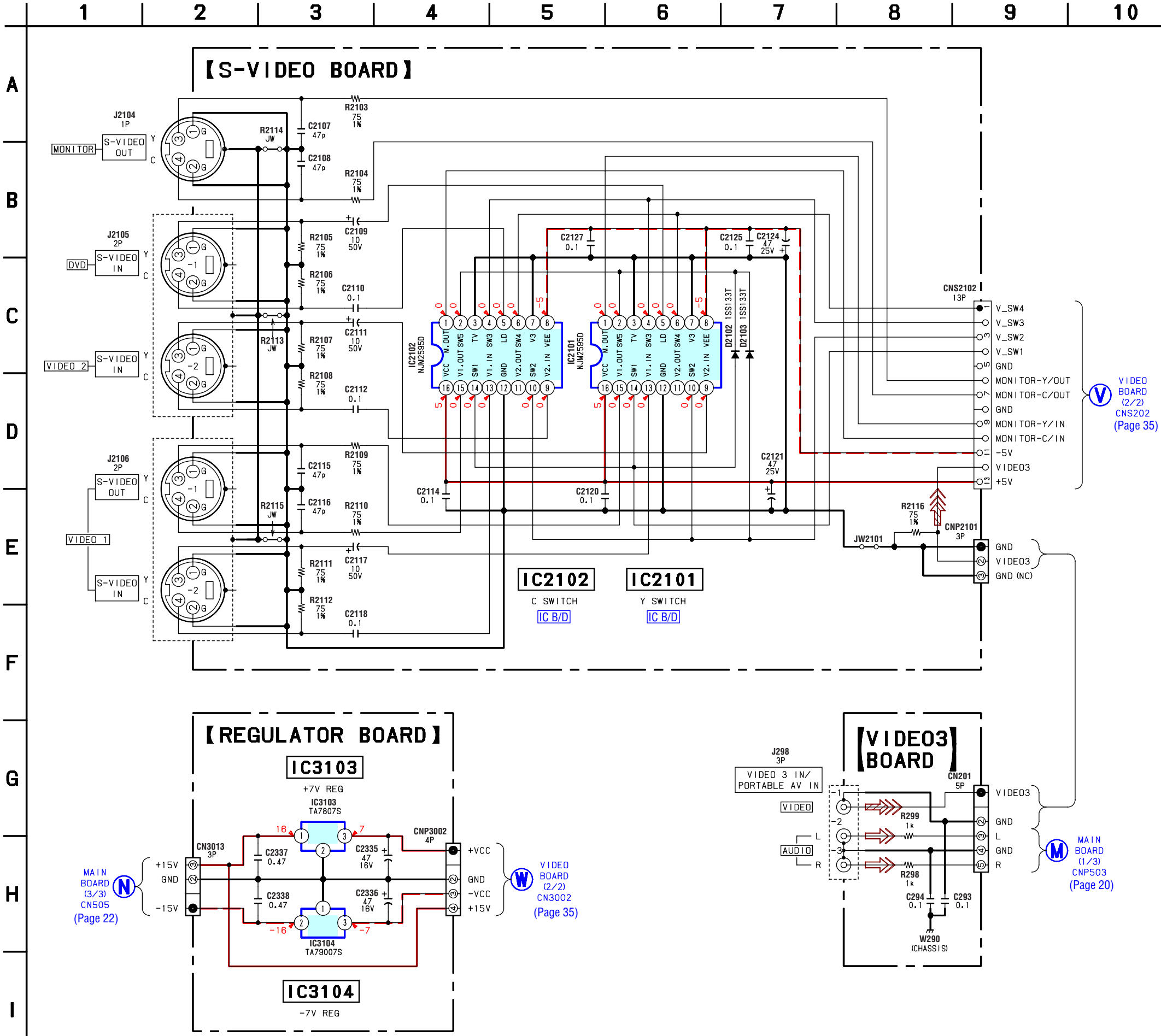
4-23. SCHEMATIC DIAGRAM — VIDEO SECTION (2/2) — • Refer to page 48 for IC Block Diagrams.



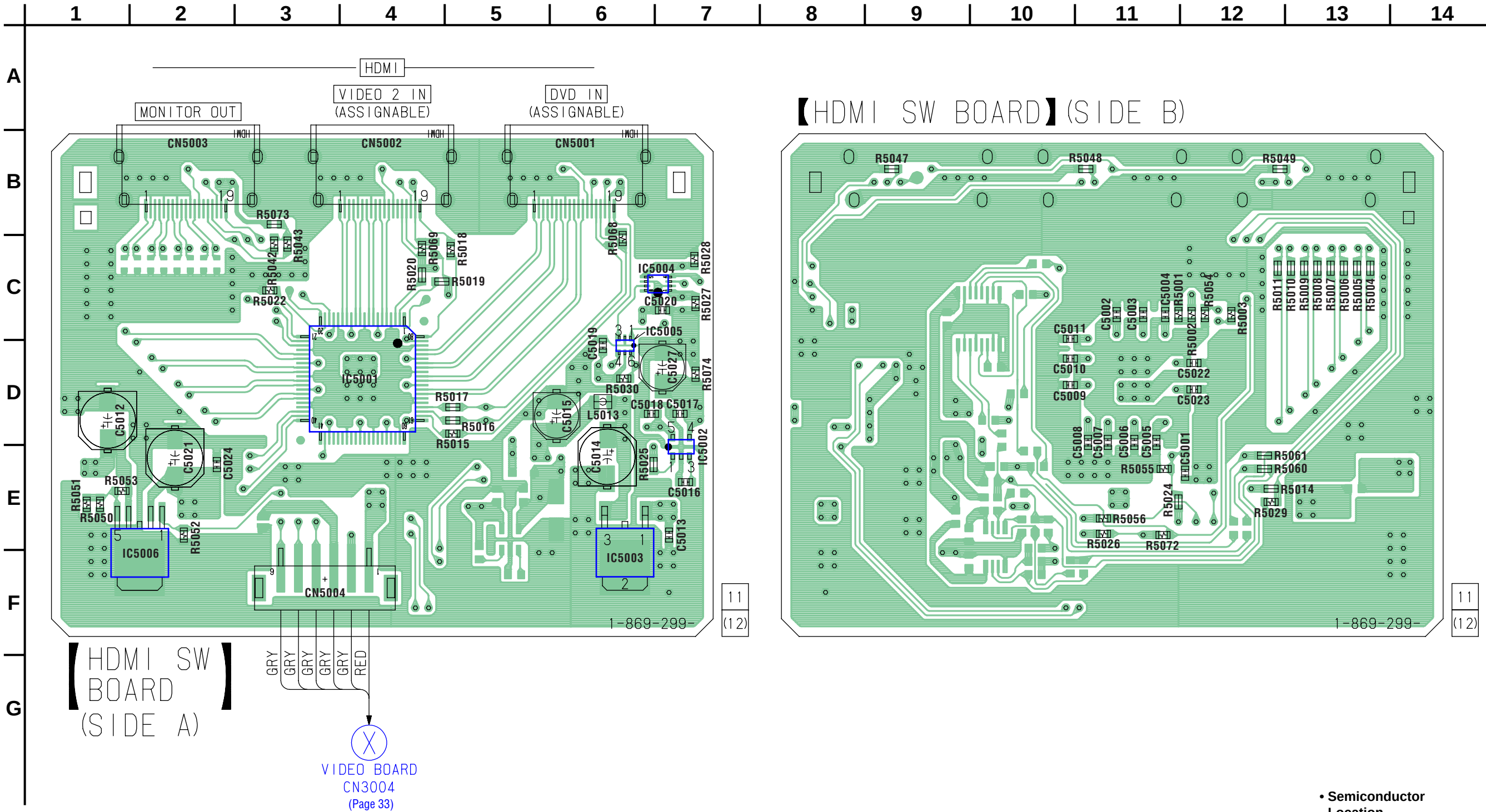
4-24. PRINTED WIRING BOARDS — S-VIDEO/VIDEO3/REG SECTION — • Refer to page 12 for Circuit Boards Location.  : Uses unleaded solder.



4-25. SCHEMATIC DIAGRAM — S-VIDEO/VIDEO3/REG SECTION — • Refer to page 51 for IC Block Diagrams.



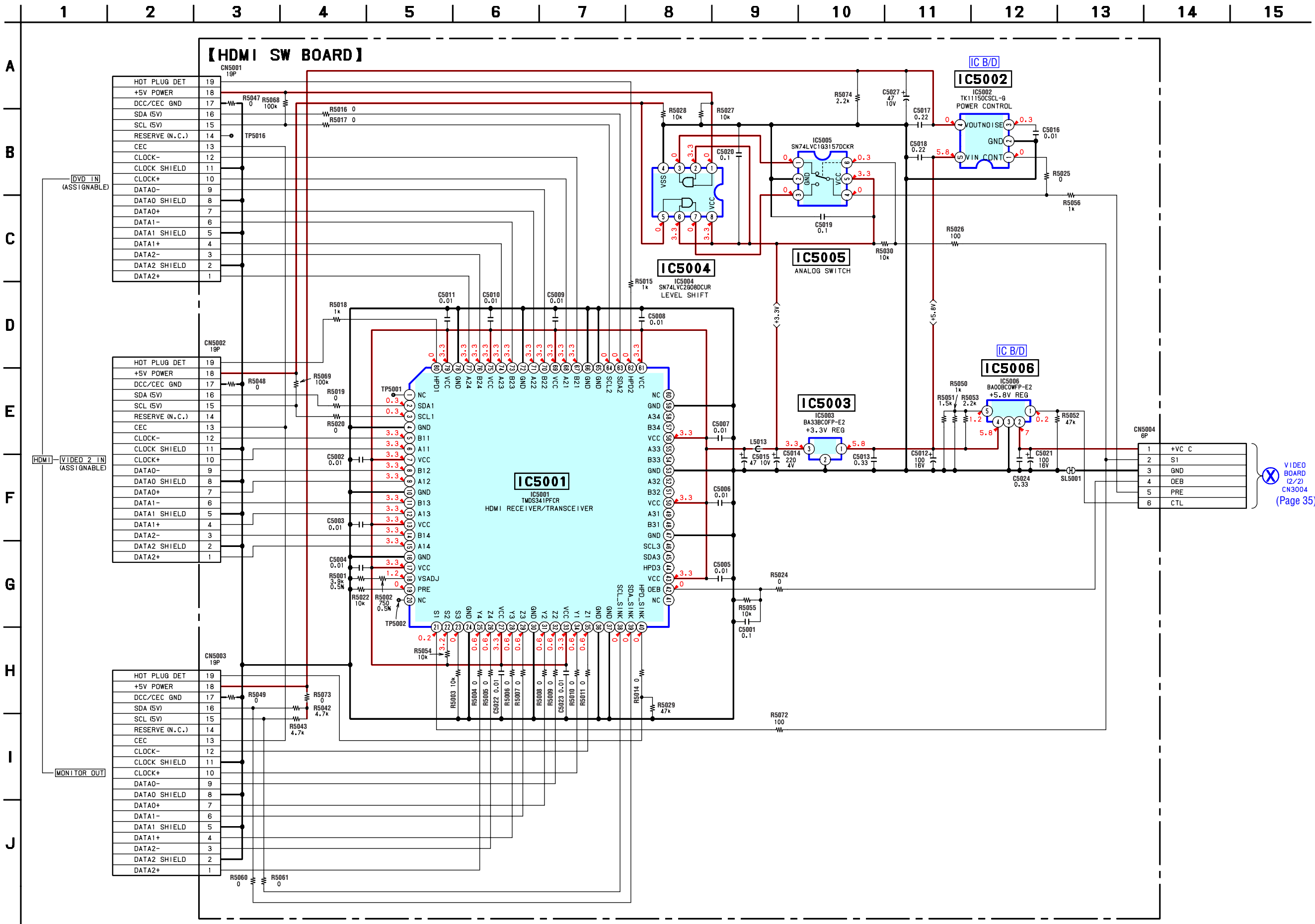
4-26. PRINTED WIRING BOARD — HDMI SECTION — • Refer to page 12 for Circuit Boards Location.  : Uses unleaded solder.



• Semiconductor Location

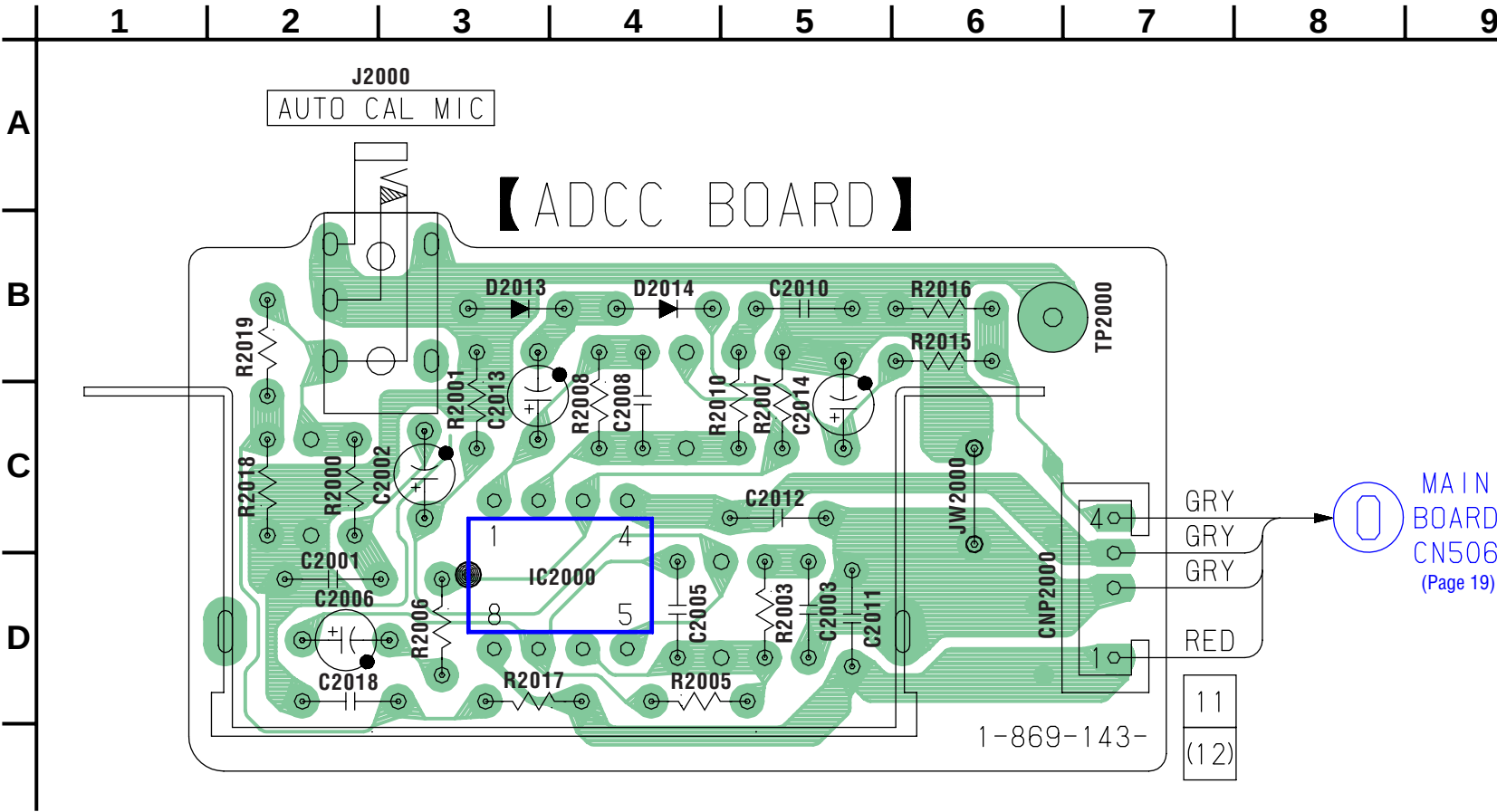
Ref. No.	Location
IC5001	D-4
IC5002	E-7
IC5003	F-6
IC5004	C-7
IC5005	D-6
IC5006	F-2

4-27. SCHEMATIC DIAGRAM — HDMI SECTION — • Refer to page 51 for IC Block Diagrams and page 56 for IC Pin Descriptions.

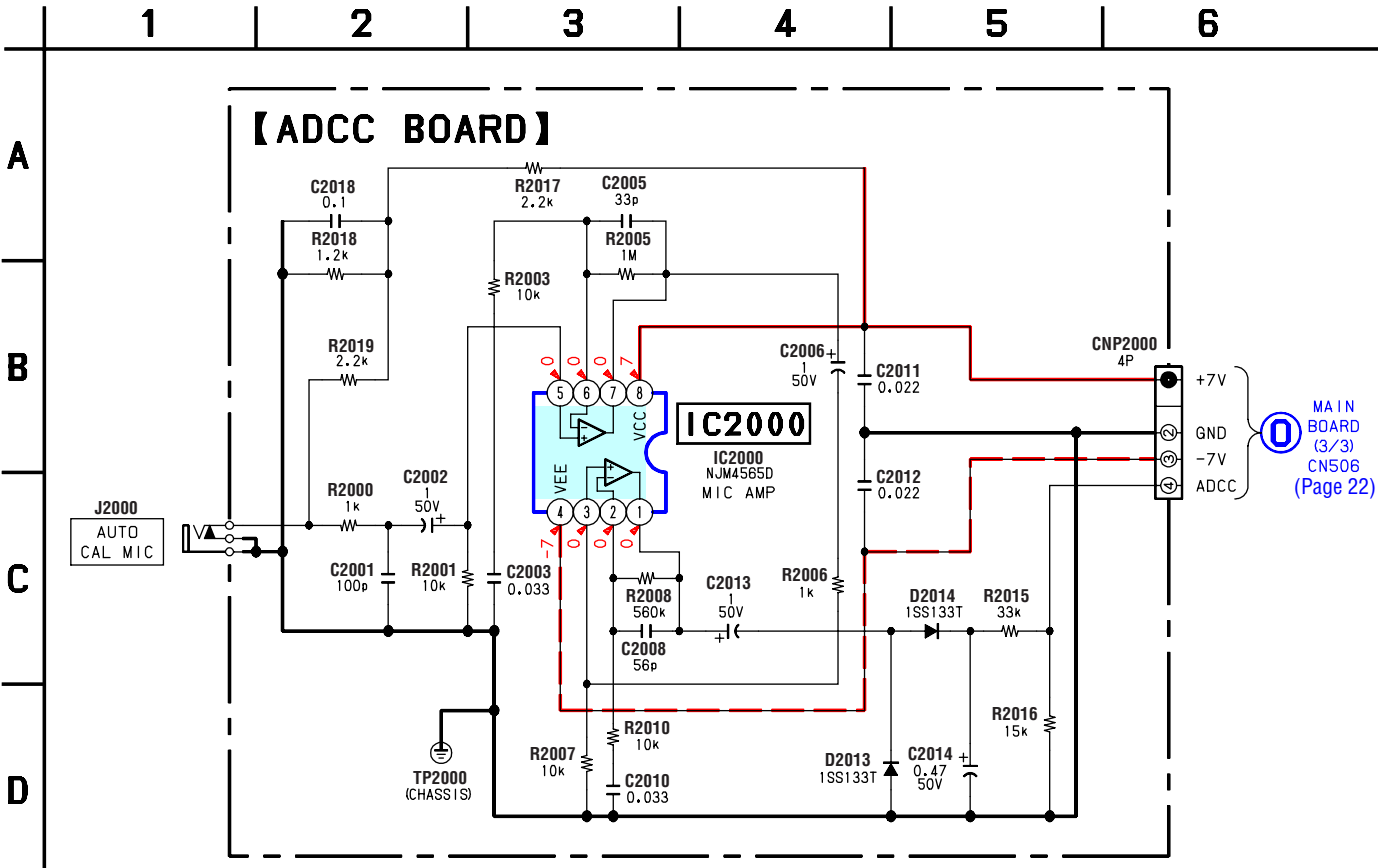


VIDEO BOARD (2/2)
CN3004
(Page 35)

4-28. PRINTED WIRING BOARD — ADCC SECTION — • Refer to page 12 for Circuit Boards Location.  : Uses unleaded solder.



4-29. SCHEMATIC DIAGRAM — ADCC SECTION —



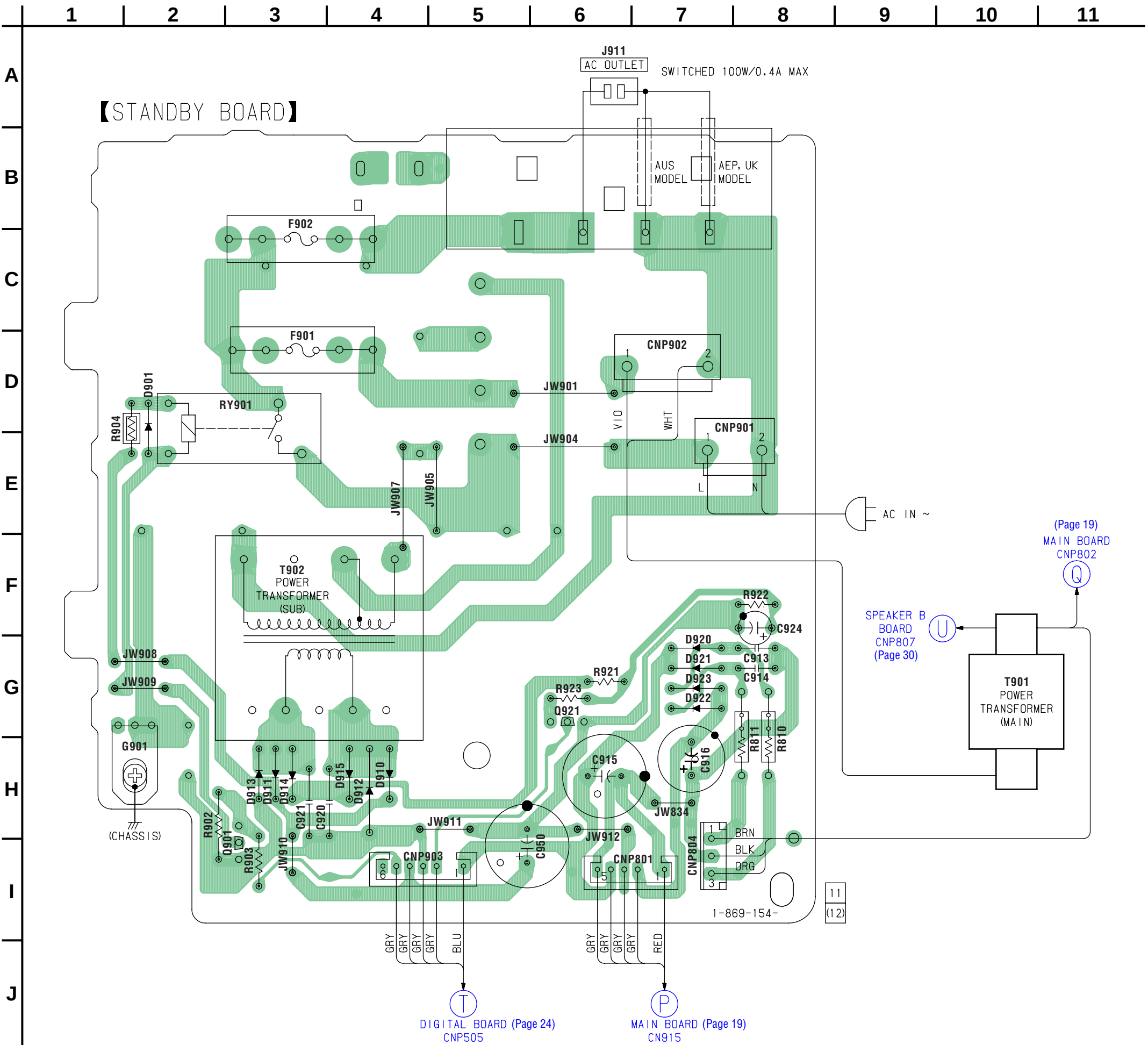


Ref. No.	Location
D105	E-7
IC100	D-7
IC101	C-8
IC102	D-9
IC200	B-3
Q110	E-8

42



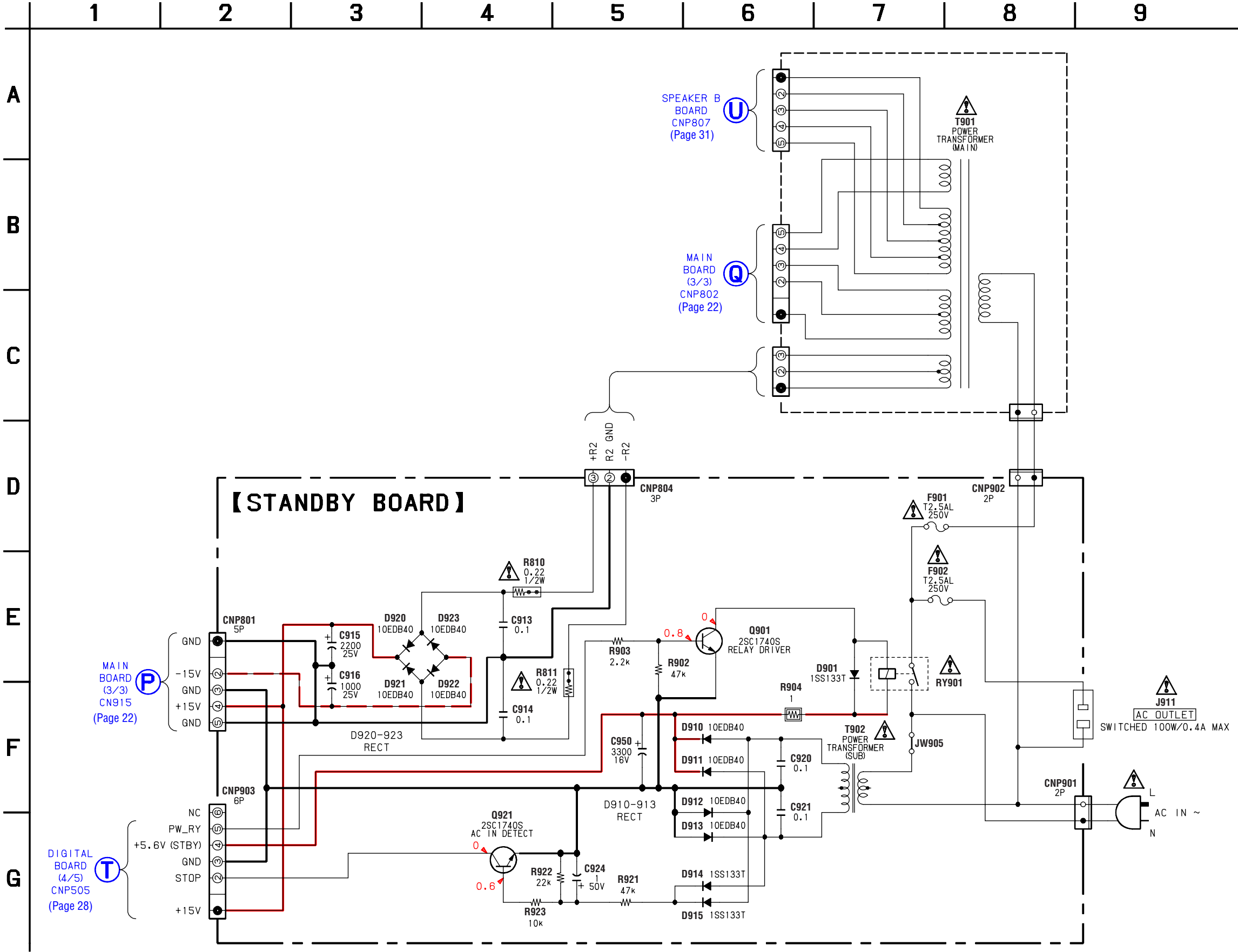
4-32. PRINTED WIRING BOARDS — POWER SECTION — • Refer to page 12 for Circuit Boards Location.  : Uses unleaded solder.



• Semiconductor Location

Ref. No.	Location
D901	D-2
D910	H-4
D911	H-3
D912	H-4
D913	H-3
D914	H-3
D915	H-4
D920	G-7
D921	G-7
D922	G-7
D923	G-7
Q901	I-3
Q921	G-6

4-33. SCHEMATIC DIAGRAM — POWER SECTION —

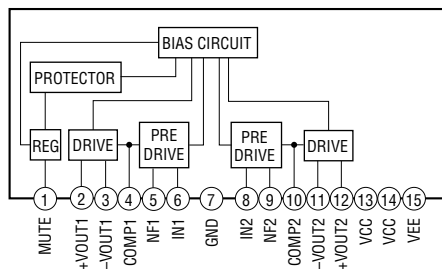


• IC Block Diagrams

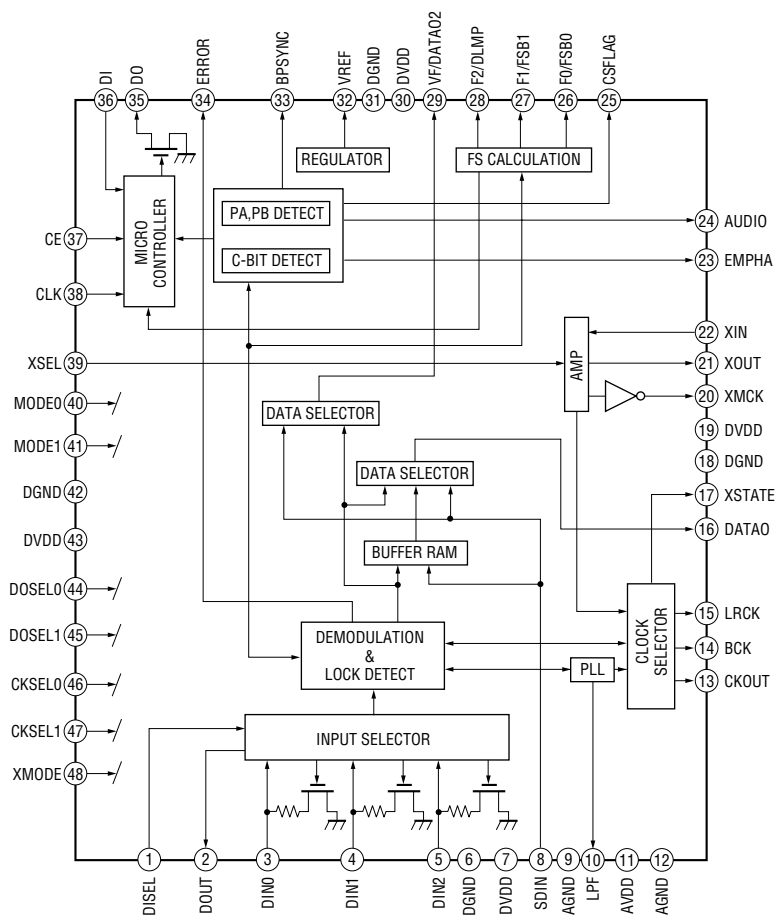
IC501 μ PC2581V-S (MAIN BOARD (2/3))

IC601 μ PC2581V-S (MAIN BOARD (2/3))

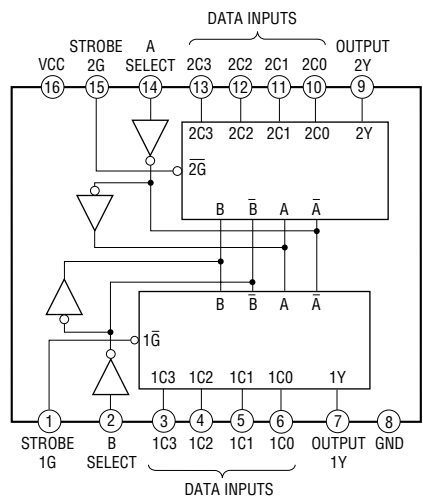
IC701 μ PC2581V-S (MAIN BOARD (2/3))



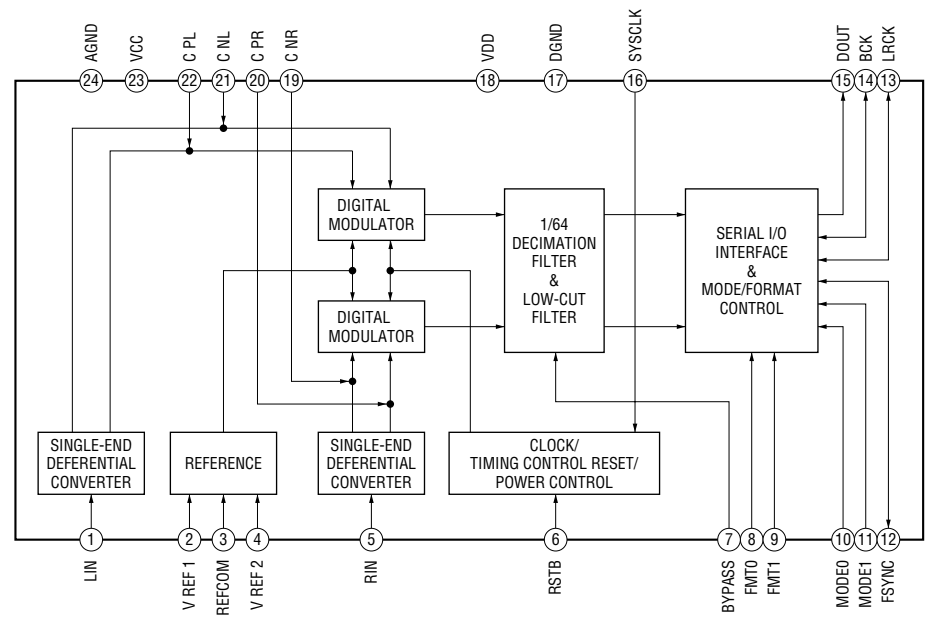
IC1301 LC890561W (DIGITAL BOARD (1/5))



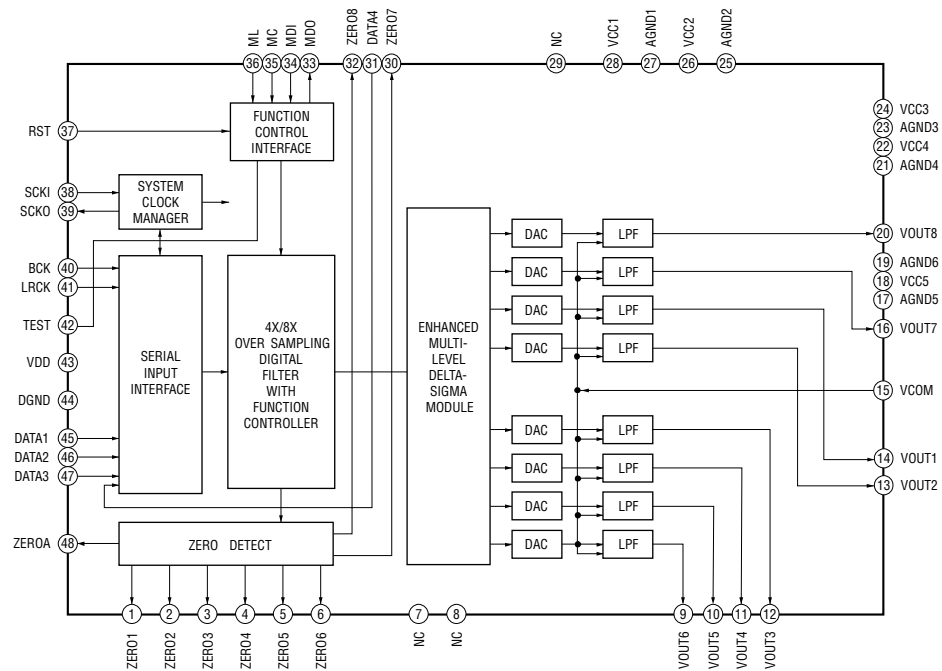
IC1302 TC74ACT153F(EL) (DIGITAL BOARD (1/5))



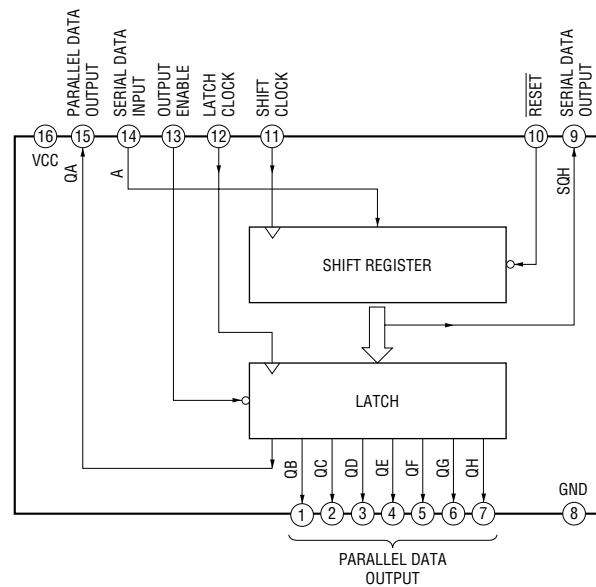
IC1401 PCM1800E/2K (DIGITAL BOARD (3/5))



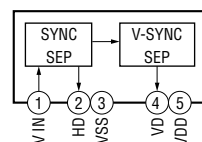
IC1452 PCM1609APT (DIGITAL BOARD (3/5))



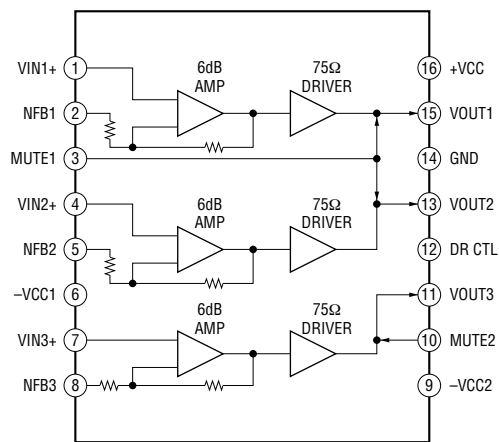
IC1601 SN74HC595ANSR (DIGITAL BOARD (4/5)) IC1602 SN74HC595ANSR (DIGITAL BOARD (4/5))



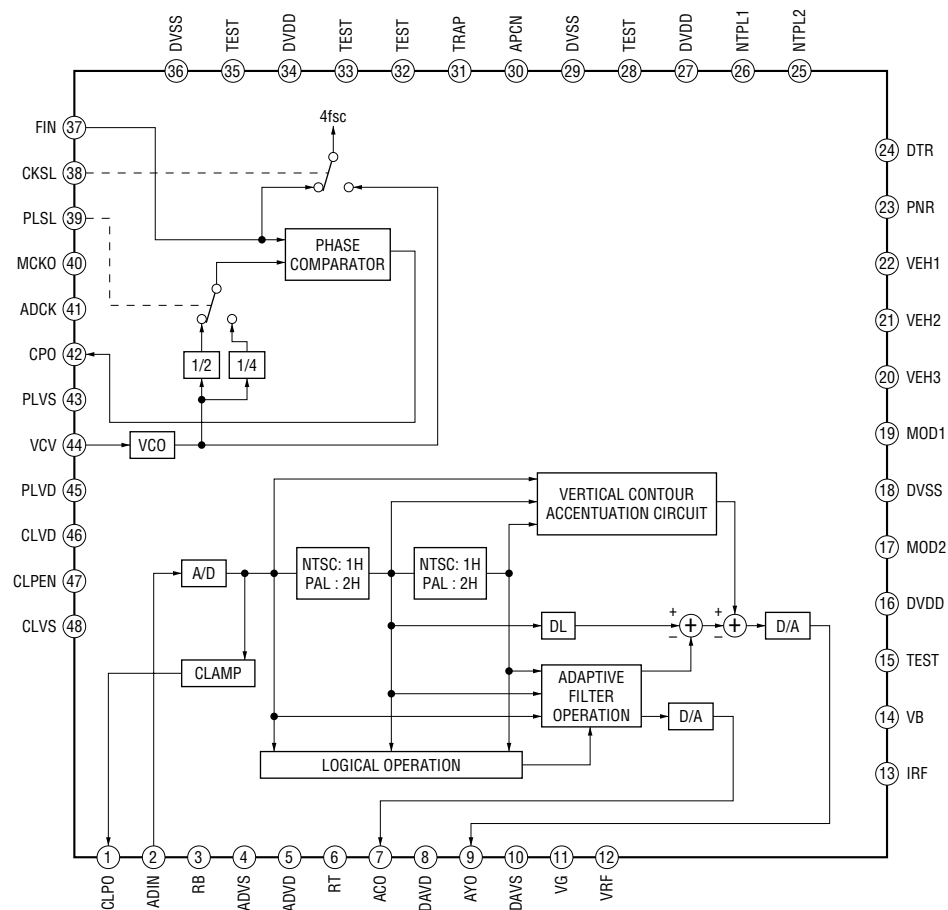
IC3253 LA7213 (VIDEO BOARD (1/2)) IC3731 LA7213 (VIDEO BOARD (1/2))



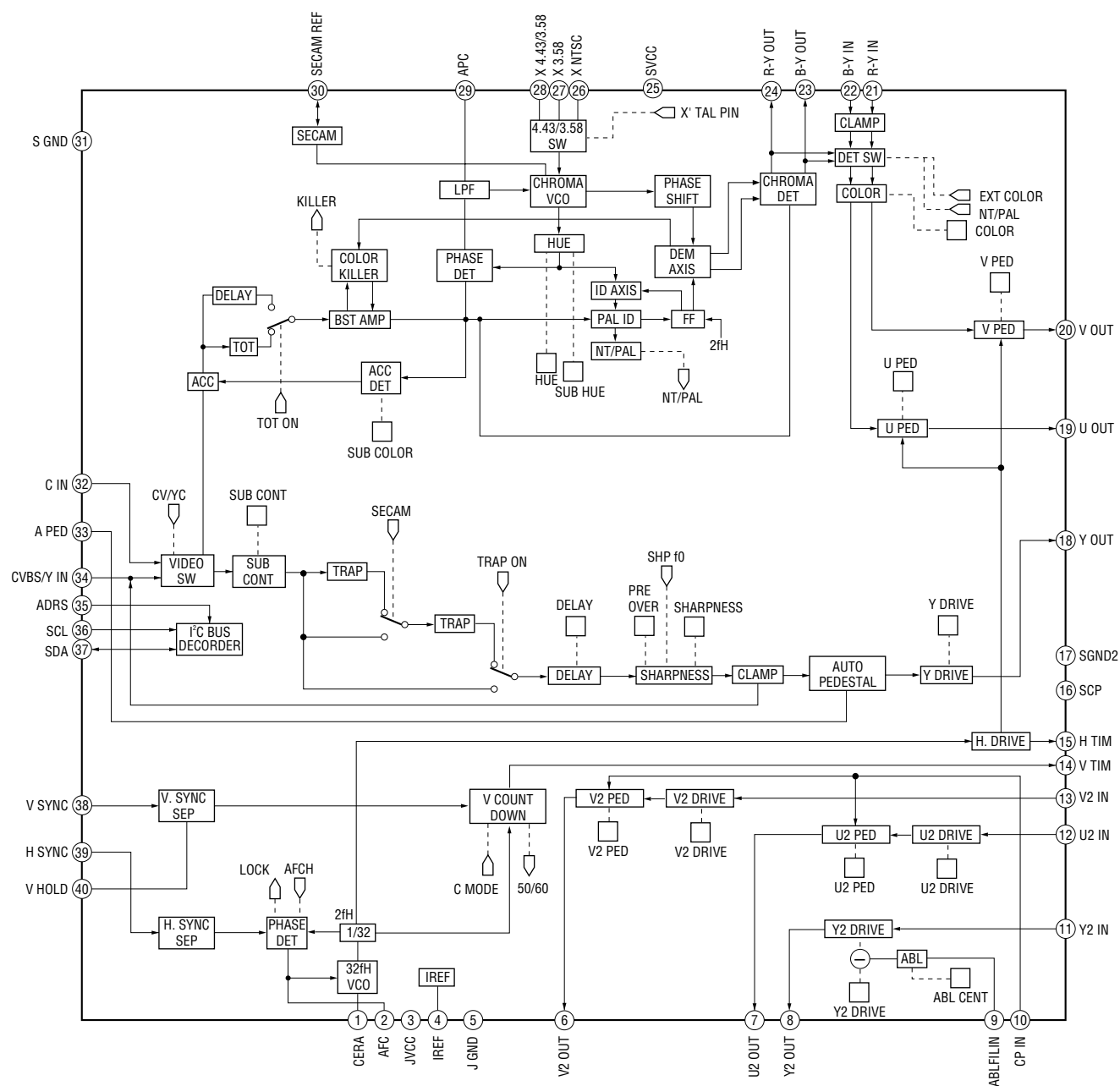
IC3321 LA7106M-TLM (VIDEO BOARD (1/2))
IC3671 LA7106M-TLM (VIDEO BOARD (2/2))



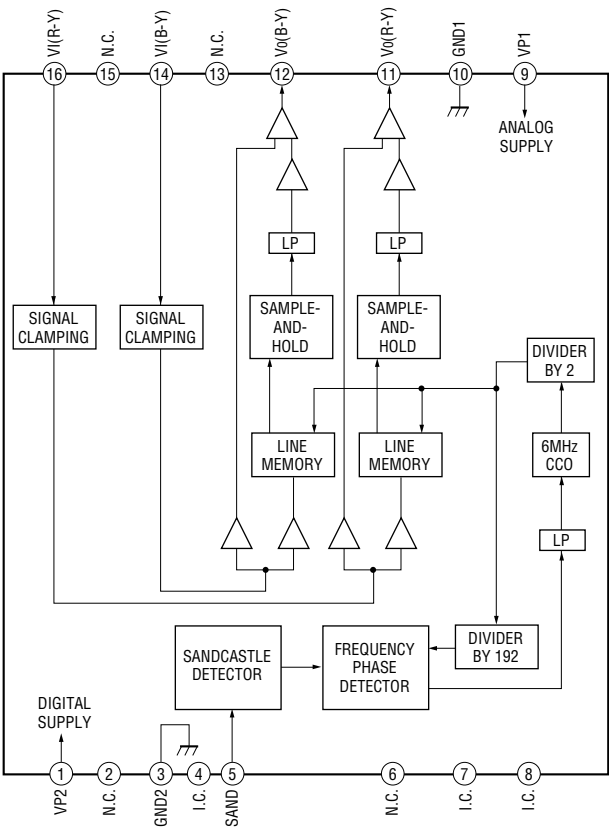
IC3601 CXD2064Q (VIDEO BOARD (1/2))



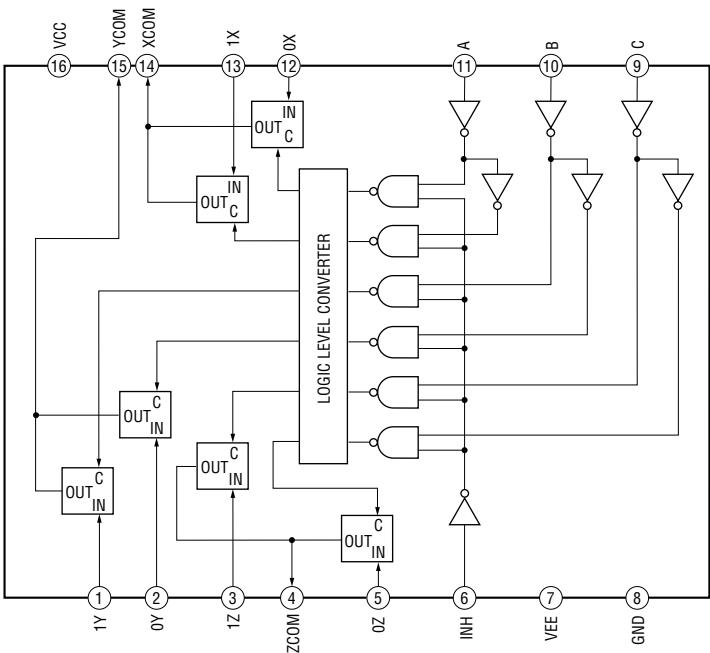
IC3701 CXA2199Q (VIDEO BOARD (1/2))



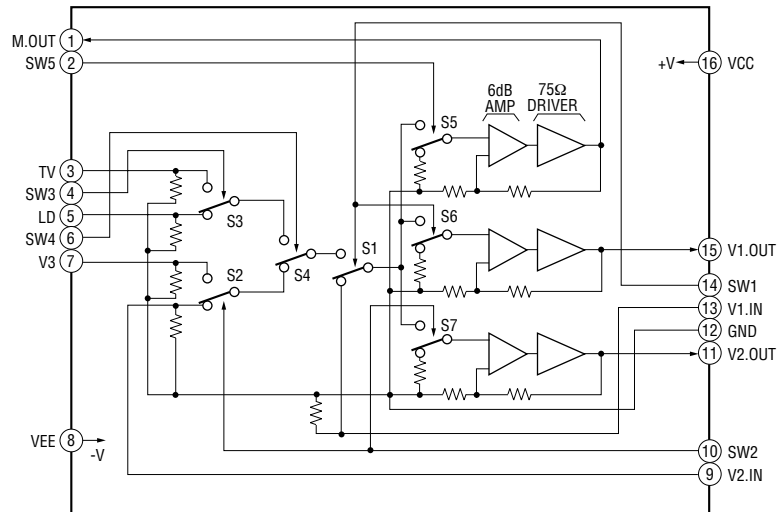
IC3721 TDA4665T/V5-118 (VIDEO BOARD (1/2))



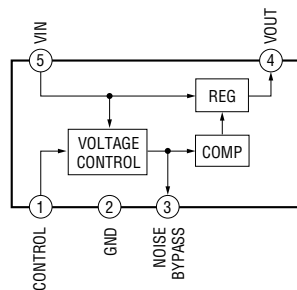
IC3751 TC4053BF(EL,N) (VIDEO BOARD (1/2))
IC3651 TC4053BF(EL,N) (VIDEO BOARD (2/2))



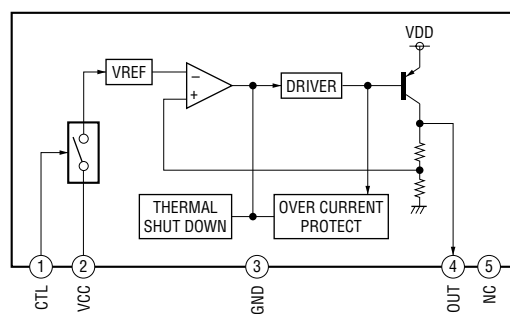
IC3431 NJM2595M-TE2 (VIDEO BOARD (2/2))
 IC2101 NJM2595D (S-VIDEO BOARD)
 IC2102 NJM2595D (S-VIDEO BOARD)



IC5002 TK11150CSCL-G (HDMI SW BOARD)



IC5006 BA00BC0WFP-E2 (HDMI SW BOARD)



• IC Pin Descriptions

IC1501 CXD9718BQ (DSP) (DIGITAL BOARD (2/5))

Pin No.	Pin Name	I/O	Pin Description
1	VSS	—	Ground
2	XRST	I	Reset signal input from SYSTEM CONTROL IC
3	EXTIN	I	Not used (Connect to ground)
4	LRCKI3	I	Not used (Connect to ground)
5	VDDI	I	Power supply pin (+2.6 V)
6	BCKI3	I	Not used (Connect to ground)
7	PLOCK	O	Not used (Open)
8	VSS	—	Ground
9	MCLK1	I	Clock signal input (13.9 MHz)
10	VDDI	I	Power supply pin (+2.6 V)
11	VSS	—	Ground
12	MCLK2	O	Clock signal output (13.9 MHz)
13	MS	I	Not used (Fixed at L)
14	SCKOUT	O	Internal system clock signal output for 8CH DAC IC
15	LRCKI1	I	Sampling clock signal input from ADC IC
16	VDDE	I	Power supply pin (+3.3 V)
17	BCKI1	I	Bit clock signal input from ADC IC
18	SDI1	I	Audio IF data input from ADC IC (Not used in this set)
19	LRCKO	O	Sampling clock signal output for 8CH DAC IC
20	BCKO	O	Bit clock signal output for 8CH DAC IC
21	VSS	—	Ground
22	KFSIO	I/O	Audio clock signal (384fs/256fs) input/output for DIR IC
23 to 26	SDO1 to SDO4	O	Digital audio serial data output for 8CH DAC IC
27	SPDIF	O	Not used (Open)
28	LRCKI2	I	Sampling clock signal input from ADC IC
29	BCKI2	I	Bit clock signal input from ADC IC
30	SDI2	I	Digital audio serial data input from ADC IC
31	VSS	—	Ground
32	HACN	O	Acknowledge signal output for SYSTEM CONTROL IC
33	HDIN	I	Serial data input from SYSTEM CONTROL IC
34	HCLK	I	Clock signal input from SYSTEM CONTROL IC
35	HDOUT	O	Serial data output for SYSTEM CONTROL IC
36	HCS	I	Chip select signal input from SYSTEM CONTROL IC
37	GP12	I	GP12 signal input from SYSTEM CONTROL IC
38, 39	GP13, GP14	O	Not used (Open)
40	VDDI	I	Power supply pin (+2.6 V)
41	VSS	—	Ground
42	GP15	O	Not used (Open)
43	OE0	O	Not used (Open)
44	CS0	O	External memory chip select signal output for D/A converter IC (SDRAM)
45	WE0	O	SDRAM write enable signal output for D/A converter IC (SDRAM)
46	VDDE	I	Power supply pin (+3.3 V)
47	WMD1	I	Not used (Fixed at H)
48	VSS	—	Ground
49	WMD0	I	Not used (Fixed at H)
50	PAGE2	O	Not used (Open)
51	VSS	—	Ground
52, 53	PAGE1, PAGE0	O	Not used (Open)
54	BOOT	I	Not used (Connect to ground)
55	TST1	O	Not used (Open)
56	BST	I	Boot stop signal input from SYSTEM CONTROL IC

Pin No.	Pin Name	I/O	Pin Description
57	MOD1	I	Operation mode signal input (L: 386fs, H: 256fs) (Fixed at H)
58	MOD0	I	Operation mode signal input (L: single chip mode, H: use prohibited) (Fixed at L)
59	EXLOCK	I	Error detection signal input from DIR IC
60	VDDI	I	Power supply pin (+2.6 V)
61	VSS	—	Ground
62, 63	A17, A16	O	Not used (Open)
64 to 66	A15 to A13	O	External memory address signal output for D/A converter IC (SDRAM)
67	GP10	O	Not used (Open)
68	GP9	O	GP9 signal output for SYSTEM CONTROL IC
69	GP8	I	Audio signal input from DIR IC
70	VDDI	I	Power supply pin (+2.6 V)
71	VSS	—	Ground
72 to 75	D15/GP7 to D12/GP4	I/O	External memory data input/output for D/A converter IC (general port)
76	VDDE	I	Power supply pin (+3.3 V)
77 to 80	D11/GP3 to D8/GP0	I/O	External memory data input/output for D/A converter IC (general port)
81	VSS	—	Ground
82	A9	O	External memory address signal output for D/A converter IC (SDRAM)
83 to 85	A12 to A10	O	External memory address signal output for D/A converter IC (SDRAM)
86	TDO	O	Not used (Fixed at H)
87	TMS	I	Not used (Fixed at H)
88	XTRST	I	Not used (Fixed at H)
89	TCK	I	Not used (Fixed at H)
90	TDI	I	Not used (Fixed at H)
91	VSS	—	Ground
92 to 97	A8 to A3	O	External memory address signal output for D/A converter IC (SDRAM)
98, 99	D7, D6	I/O	External memory data input/output for D/A converter IC (SDRAM)
100	VDDI	I	Power supply pin (+2.6 V)
101	VSS	—	Ground
102 to 105	D5 to D2	I/O	External memory data input/output for D/A converter IC (SDRAM)
106	VDDE	I	Power supply pin (+3.3 V)
107, 108	D1, D0	I/O	External memory data input/output for D/A converter IC (SDRAM)
109, 110	A2, A1	O	External memory address signal output for D/A converter IC (SDRAM)
111	VSS	—	Ground
112	A0	O	External memory address signal output for D/A converter IC (SDRAM)
113	PM	I	PLL initialization signal input from SYSTEM CONTROL IC
114, 115	SDI3, SDI4	I	Not used (Open)
116	SYNC	I	Sync/async select signal input (L: sync, H: async) (Fixed at H)
117	TST2	I	Not used (Connect to ground)
118	GP11	I	Not used (Connect to ground)
119	TST3	I	Not used (Connect to ground)
120	VDDI	I	Power supply pin (+2.6 V)

IC1101 MB90488BPF-G-195E1 (SYSTEM CONTROL) (DIGITAL BOARD (5/5))

Pin No.	Pin Name	I/O	Pin Description
1	DATAO	I	Serial data line signal input from DIR IC
2	GP9	I	GP9 signal input from DSP IC
3	BST	O	Boot stop control signal output for DSP IC
4	HCS	O	Chip select signal output for DSP IC
5	HACN	I	Acknowledge signal input from DSP IC
6	XRST	O	Reset signal output for DSP IC
7	PM	O	PLL control signal output for DSP IC
8	GP12	O	GP12 signal output for DSP IC
9	FL_LAT	O	Latch signal output for FL driver IC
10	PCM1609/1800_RST	O	Reset signal output for 8CH DAC IC/ADC IC
11	VSS	—	Ground
12	PCM1609_ML	O	Serial latch signal output for 8CH DAC IC
13	PCM1609_MC	O	Serial clock signal output for 8CH DAC IC
14	PCM1609_MDI	O	Serial data output for 8CH DAC IC
15	PCM1609_MDO	I	Serial data input from 8CH DAC IC
16	T.SERIAL_CLK/FL_CLK	O	Serial clock signal output for tuner pack/Clock signal output for FL driver IC
17	TUNER_DATA/FL_DATA	O	Serial data output for tuner pack/Serial data output for FL driver IC
18	HDOUT	I	Serial data input from DSP IC
19	HDIN	O	Serial data output for DSP IC
20	HCLK	O	Serial data clock signal output for DSP IC
21	TUNING_A	I	TUNING +/- encoder (A) signal input
22	TUNING_B	I	TUNING +/- encoder (B) signal input
23	VCC5	—	Power supply pin (+3.3 V)
24	FL_RESET (DE8)	O	Reset signal output for FL driver IC
25	ANA/DIG	O	Not used (Open)
26	XM_RST	O	XM radio reset signal output (Not used in this set)
27	FLASH2	I	Flash programming signal input 2
28	FLASH1	O	Flash programming signal output 1
29	SDA	I/O	Serial data input/output for EEPROM IC
30	SCL	O	Clock signal output for EEPROM IC
31	ENC_A	I	INPUT SELECTOR encoder (A) signal input
32	ENC_B	I	INPUT SELECTOR encoder (B) signal input
33	UPCON	I/O	Serial data input/output for VIDEO PROCESS IC
34	UPCON_CLK	O	Clock signal output for VIDEO PROCESS IC
35	AVCC	—	Power supply pin (+3.3 V)
36	AVRH	—	Power supply pin (+3.3 V)
37	AVSS	—	Ground
38	ADCC	I	ADCC analog signal input
39, 40	A/D1, A/D2	I	Key signal input (A/D port)
41	VERSION	I	Destination detection signal input
42	VSS	—	Ground
43	RDSSIG	I/O	RDS signal level input (AEP, UK model)
44	MODEL	I/O	Model detection signal input
45	TONE_EN_B (E8)/VACS	I	Not used (Fixed at L)
46	TONE_EN_A (E8)	I	Not used (Fixed at L)
47	XMDACMS	O	Not used (Open)
48	STOP	I	AC off detection signal input
49	MD0	—	Selection of micon operation mode
50	MD1	—	Not used (Connect to VCC)
51	MD2	—	Selection of micon operation mode
52	RDS_CLK	I/O	RDS data clock signal input (AEP, UK model)
53	RDS_DATA	I/O	RDS data input (AEP, UK model)

Pin No.	Pin Name	I/O	Pin Description
54	SIRCS	I	SIRCS signal input
55	HP_DETECT	I	Headphones detection signal input
56	POWER_KEY	I	Power key detection signal input
57	ADCC_INT	I	ADCC data input from DSP IC
58	POWER_RY	O	Power relay driver control signal output
59	VOL_CL	O	Clock signal output for DIR IC
60	VOL_DA	O	Serial data and latch output for DIR IC
61	PROTECTOR	I	Protector detection signal input
62	HP_RY	O	Headphone relay driver control signal output
63	FUSE_DETECT	I	Fuse open detection signal input
64	VOL_ENCODER (B)	I	MASTER VOLUME encoder (B) signal input
65	VOL_ENCODER (A)	I	MASTER VOLUME encoder (A) signal input
66	FRONT_RY	O	Front speaker relay driver control signal output
67	SP_B_RY	O	Front speaker B relay driver control signal output
68	C/SB_RY	O	Center/Surround back speaker relay driver control signal output
69	REAR_RY	O	Surround speaker relay driver control signal output
70	SW_RY	O	Sub woofer relay driver control signal output
71	ANALOG_SW_CLK (DE8)	O	Clock signal output for ANALOG SWITCH IC (Not used in this set)
72	BRIDGEABLE_RY	O	Bridgeable relay driver control signal output
73	DO	I	Tuner serial data input
74	SLATCH	O	Tuner latch signal output
75	TUNED	I	Tuned signal detection input
76	STEREO	I	Stereo signal detection input
77	RSTX	I	Reset signal input
78	MUTE	O	Tuner mute signal output
79	X1A	—	Not used (Open)
80	X0A	—	Not used (Connect to VSS)
81	VSS	—	Ground
82	X0	—	Clock signal input (24 MHz)
83	X1	—	Clock signal output (24 MHz)
84	VCC3	—	Power supply pin (+3.3 V)
85	ANALOG_SW_DATA (DE8)	O	Serial data output for ANALOG SWITCH IC (Not used in this set)
86	D595_DATA	O	Serial data output for I/O EXPANDER IC
87	D595_CLK	O	Serial clock signal output for I/O EXPANDER IC
88	$\overline{\text{D595_OE}}$	O	Serial output enable signal output for I/O EXPANDER IC
89	D595_LAT	O	Serial latch signal output for I/O EXPANDER IC
90	SELECT2	O	Digital input select 2 signal output
91	SELECT1	O	Digital input select 1 signal output
92	BST_SEL	O	96/24 signal output for DSP IC
93	XMODE	O	Xmode signal output for DIR IC
94	CKSEL1	O	Clock select signal output for DIR IC
95	CLK	O	Data clock signal output for DIR IC
96	CE	O	Latch signal output for DIR IC
97	DI	O	Data output for DIR IC
98	DO	I	Data input from DIR IC
99	ERROR	I	Error detection signal input from DIR IC
100	XSTATE	I	Xstate signal input from DIR IC

IC5001 TMDS341PFCR (HDMI RECEIVER/TRANSCIVER) (HDMI SW BOARD)

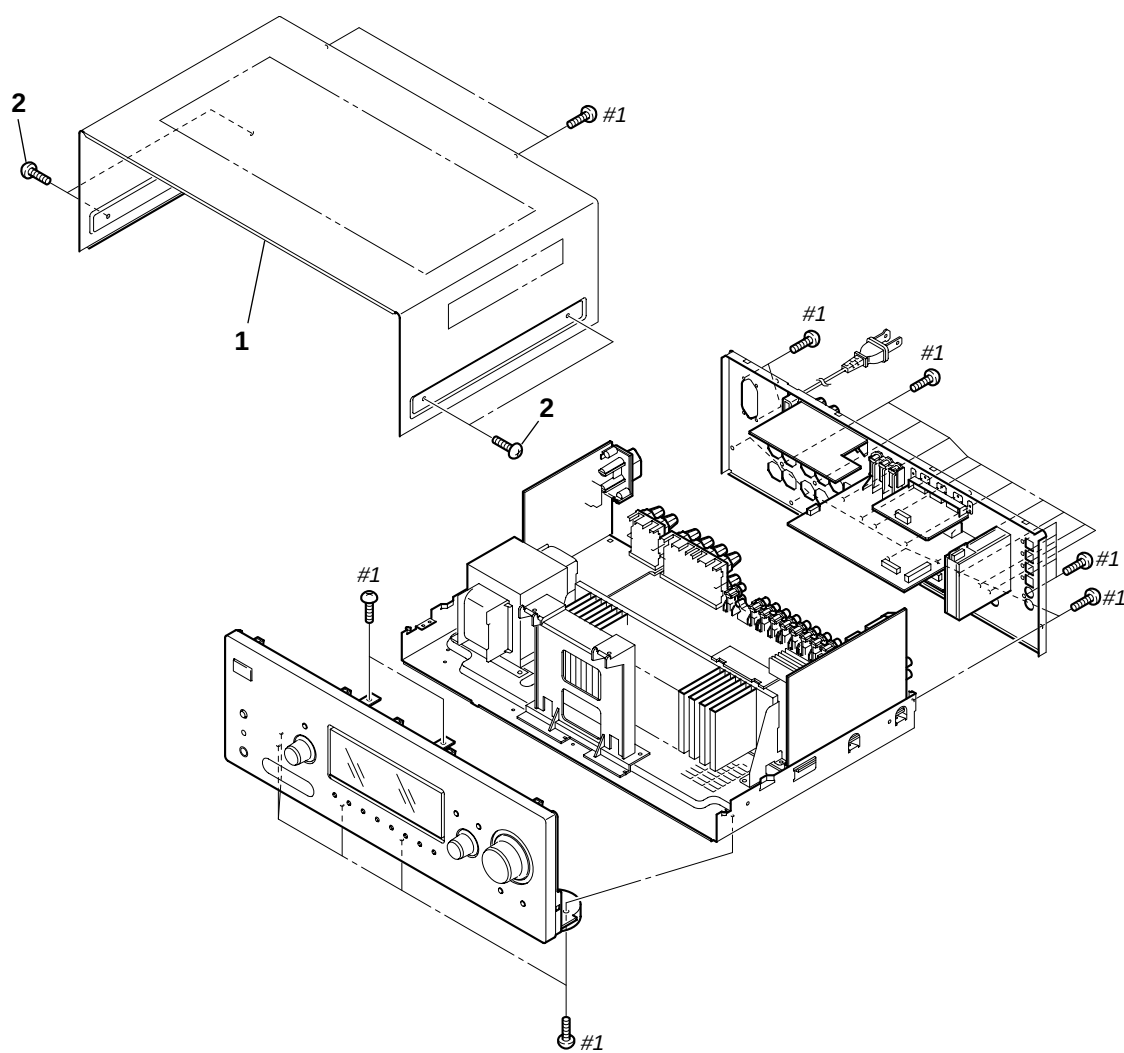
Pin No.	Pin Name	I/O	Pin Description
1	NC	—	Not used (Open)
2	SDA1	I/O	I2C two-way data bus with HDMI VIDEO 2 IN connector
3	SCL1	I	I2C clock signal input from HDMI VIDEO 2 IN connector
4	GND	—	Ground
5	B11	I	TMDS clock signal (negative) input from HDMI VIDEO 2 IN connector
6	A11	I	TMDS clock signal (positive) input from HDMI VIDEO 2 IN connector
7	VCC	—	Power supply pin (+3.3 V)
8	B12	I	TMDS data (negative) input from HDMI VIDEO 2 IN connector
9	A12	I	TMDS data (positive) input from HDMI VIDEO 2 IN connector
10	GND	—	Ground
11	B13	I	TMDS data (negative) input from HDMI VIDEO 2 IN connector
12	A13	I	TMDS data (positive) input from HDMI VIDEO 2 IN connector
13	VCC	—	Power supply pin (+3.3 V)
14	B14	I	TMDS data (negative) input from HDMI VIDEO 2 IN connector
15	A14	I	TMDS data (positive) input from HDMI VIDEO 2 IN connector
16	GND	—	Ground
17	VCC	—	Power supply pin (+3.3 V)
18	VSADJ	I	TMDS compliant voltage swing control signal input (Fixed at L in this set)
19	PRE	I	Output de-emphasis setting pin (L: 0 dB, H: 3 dB) (Fixed at L in this set)
20	NC	—	Not used (Open)
21	S1	I	Source selection signal input from SYSTEM CONTROL IC
22	S2	I	Source selection signal input from SYSTEM CONTROL IC (Fixed at H in this set)
23	S3	I	Source selection signal input from SYSTEM CONTROL IC (Fixed at L in this set)
24	GND	—	Ground
25	Y4	O	TMDS data (positive) output for HDMI MONITOR OUT connector
26	Z4	O	TMDS data (negative) output for HDMI MONITOR OUT connector
27	VCC	—	Power supply pin (+3.3 V)
28	Y3	O	TMDS data (positive) output for HDMI MONITOR OUT connector
29	Z3	O	TMDS data (negative) output for HDMI MONITOR OUT connector
30	GND	—	Ground
31	Y2	O	TMDS data (positive) output for HDMI MONITOR OUT connector
32	Z2	O	TMDS data (negative) output for HDMI MONITOR OUT connector
33	VCC	—	Power supply pin (+3.3 V)
34	Y1	O	TMDS data (positive) output for HDMI MONITOR OUT connector
35	Z1	O	TMDS data (negative) output for HDMI MONITOR OUT connector
36, 37	GND	—	Ground
38	SCL_SINK	O	I2C clock signal output for HDMI MONITOR OUT connector
39	SDA_SINK	I/O	I2C two-way data bus with HDMI MONITOR OUT connector
40	HPD_SINK	I	Hot plug detection signal input from HDMI MONITOR OUT connector
41	NC	—	Not used (Open)
42	OEB	I	Chip enable signal input from SYSTEM CONTROL IC (L: active)
43	VCC	—	Power supply pin (+3.3 V)
44	HPD3	O	Hot plug detection signal output (Not used in this set)
45	SDA3	I/O	I2C two-way data bus (Not used in this set)
46	SCL3	I	I2C clock signal input
47	GND	—	Ground
48	B31	I	TMDS clock signal (negative) input (Not used in this set)
49	A31	I	TMDS clock signal (positive) input (Not used in this set)
50	VCC	—	Power supply pin (+3.3 V)
51	B32	I	TMDS data (negative) input (Not used in this set)
52	A32	I	TMDS data (positive) input (Not used in this set)
53	GND	—	Ground

Pin No.	Pin Name	I/O	Pin Description
54	B33	I	TMDS data (negative) input (Not used in this set)
55	A33	I	TMDS data (positive) input (Not used in this set)
56	VCC	—	Power supply pin (+3.3 V)
57	B34	I	TMDS data (negative) input (Not used in this set)
58	A34	I	TMDS data (positive) input (Not used in this set)
59	GND	—	Ground
60	NC	—	Not used (Open)
61	VCC	—	Power supply pin (+3.3 V)
62	HPD2	O	Hot plug detection signal output for HDMI DVD IN connector
63	SDA2	I/O	I2C two-way data bus with HDMI DVD IN connector
64	SCL2	I	I2C clock signal input from HDMI DVD IN connector
65, 66	GND	—	Ground
67	B21	I	TMDS clock signal (negative) input from HDMI DVD IN connector
68	A21	I	TMDS clock signal (positive) input from HDMI DVD IN connector
69	VCC	—	Power supply pin (+3.3 V)
70	B22	I	TMDS data (negative) input from HDMI DVD IN connector
71	A22	I	TMDS data (positive) input from HDMI DVD IN connector
72	GND	—	Ground
73	B23	I	TMDS data (negative) input from HDMI DVD IN connector
74	A23	I	TMDS data (positive) input from HDMI DVD IN connector
75	VCC	—	Power supply pin (+3.3 V)
76	B24	I	TMDS data (negative) input from HDMI DVD IN connector
77	A24	I	TMDS data (positive) input from HDMI DVD IN connector
78	GND	—	Ground
79	VCC	—	Power supply pin (+3.3 V)
80	HPD1	O	Hot plug detection signal output for HDMI VIDEO 2 IN connector

SECTION 5
EXPLODED VIEWS

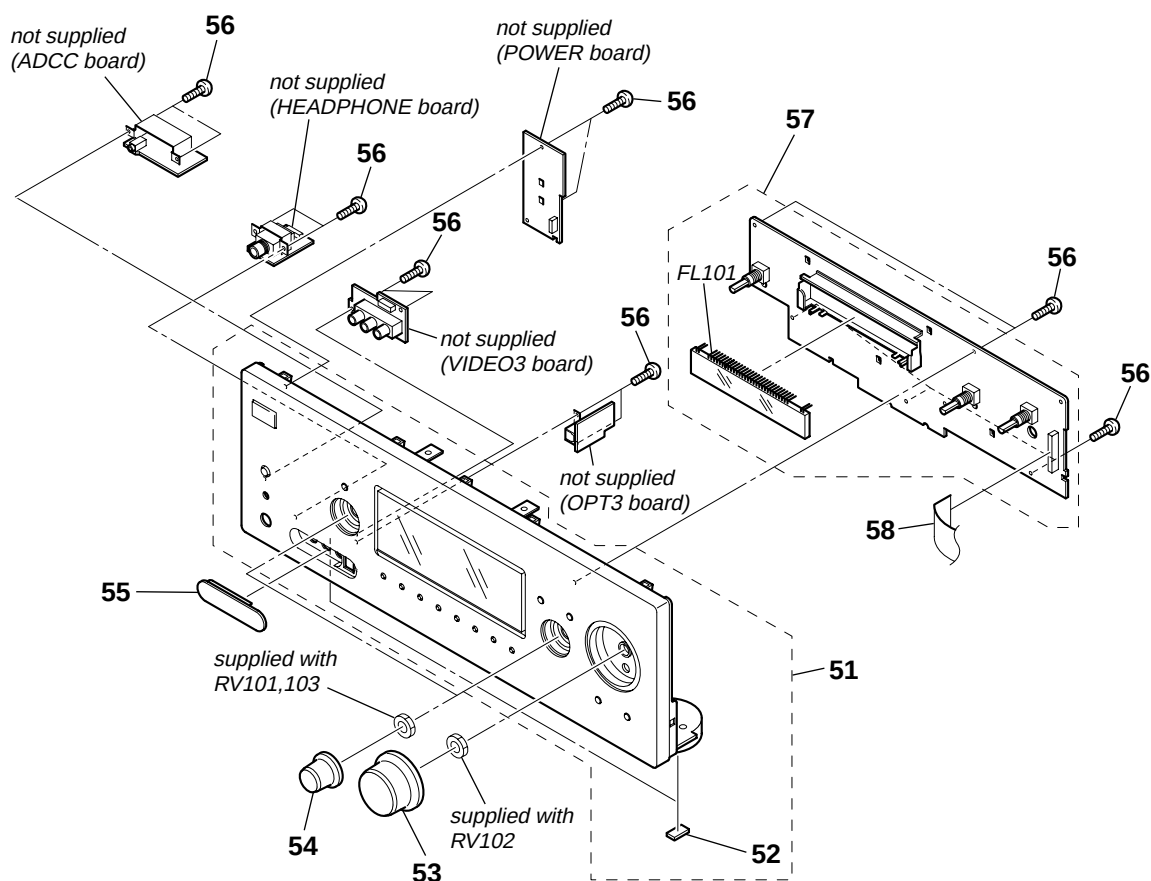
- NOTE:
- The mechanical parts with no reference number in the exploded views are not supplied.
 - Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
 - Abbreviation
AUS : Australian model
- -XX and -X mean standardized parts, so they may have some difference from the original one.
 - Color Indication of Appearance Parts
Example :
KNOB, BALANCE (WHITE) ... (RED)
Parts Color Cabinet's Color
 - Accessories are given in the last of this parts list.
- The components identified by mark $\triangle$ or dotted line with mark $\triangle$ are critical for safety. Replace only with part number specified.

5-1. CASE SECTION



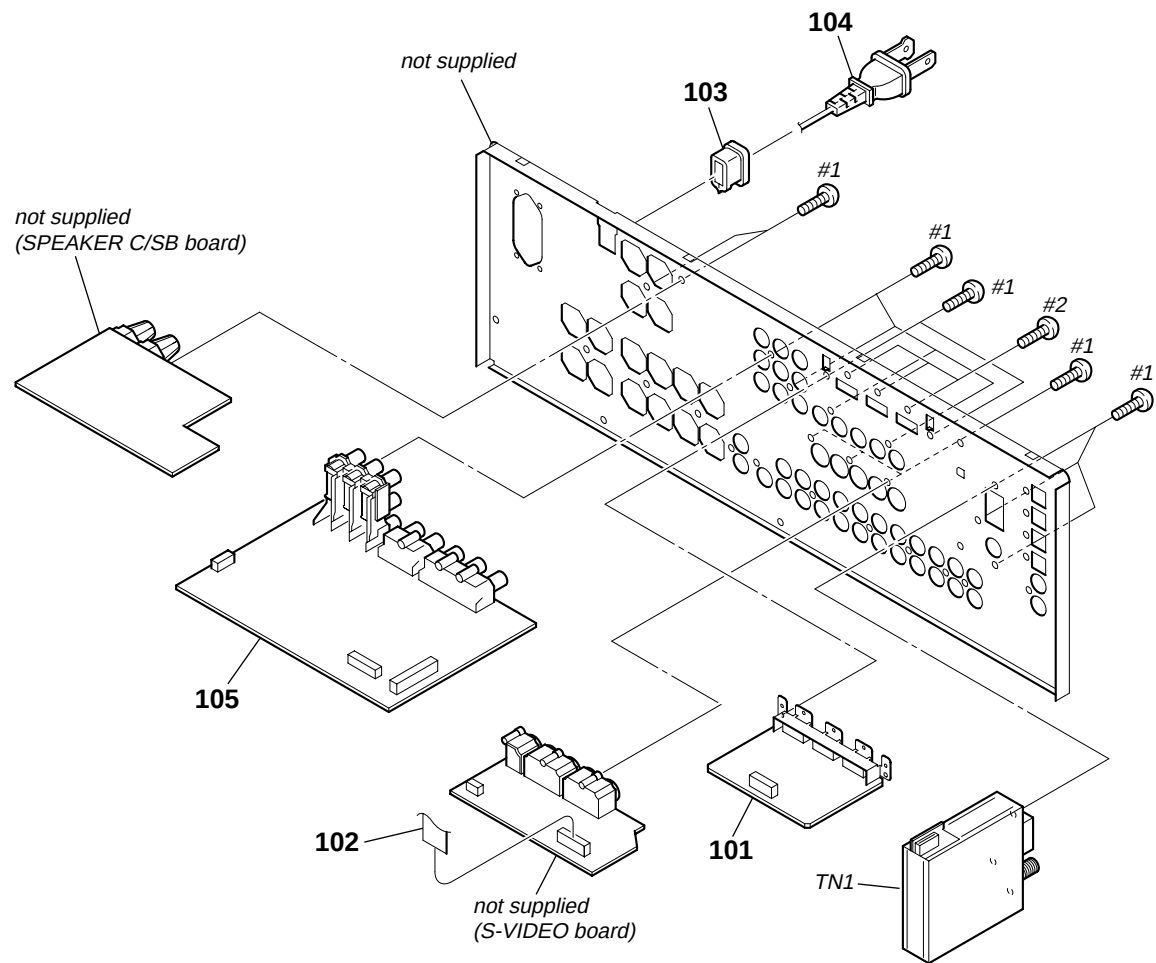
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	2-661-145-11	CASE (BLACK)...(BLACK)		2	3-363-099-11	SCREW (CASE 3 TP2) (SILVER)...(SILVER)	
1	2-661-145-31	CASE (SILVER)...(SILVER)		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
2	3-363-099-02	SCREW (CASE 3 TP2) (BLACK)...(BLACK)					

5-2. FRONT PANEL SECTION



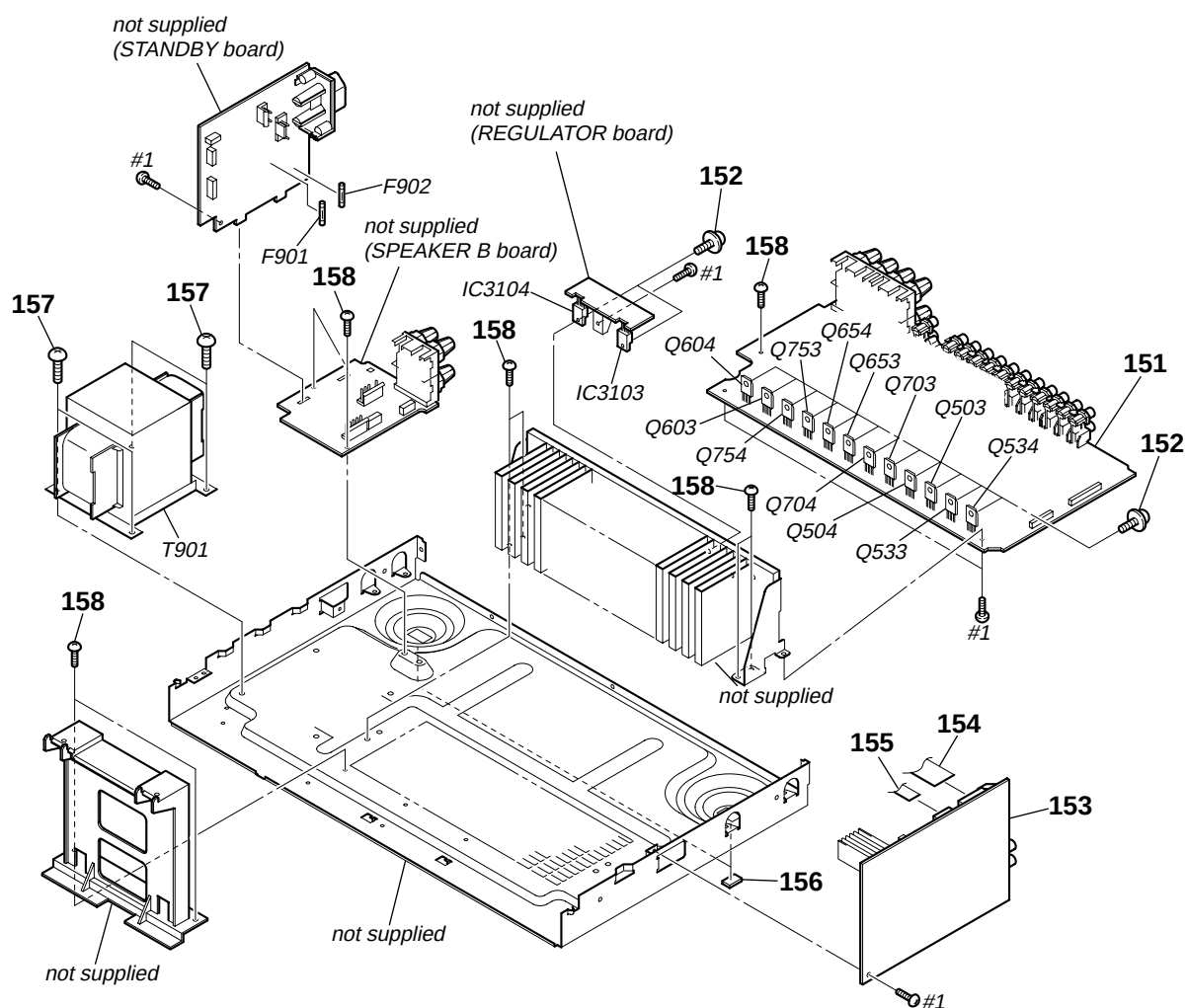
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	X-2109-280-1	FRONT PANEL ASSY (BLACK)...(BLACK)	(AEP,UK)	54	2-661-141-01	KNOB (MENU) (BLACK)...(BLACK)	
51	X-2109-281-1	FRONT PANEL ASSY (SILVER)...(SILVER)	(AEP,UK)	54	2-661-141-11	KNOB (MENU) (SILVER)...(SILVER)	
51	X-2109-285-1	FRONT PANEL ASSY (BLACK)...(BLACK) (AUS)		55	2-666-844-01	LID (BLACK)...(BLACK)	
52	4-977-358-01	CUSHION		55	2-666-844-11	LID (SILVER)...(SILVER)	
53	2-661-142-01	KNOB (VOLUME) (BLACK)...(BLACK)		56	3-087-053-01	+BVTP 2.6 (3CR)	
53	2-661-142-11	KNOB (VOLUME) (SILVER)...(SILVER)		57	A-1181-226-A	DISPLAY BOARD, COMPLETE	
				58	1-829-023-11	WIRE (FLAT TYPE) (23 CORE)	
				FL101	1-519-866-01	VACUUM FLUORESCENT DISPLAY	

5-3. BACK PANEL SECTION



<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
101	A-1158-394-A	HDMI SW BOARD, COMPLETE		105	A-1181-229-A	VIDEO BOARD, COMPLETE	
102	1-828-973-11	WIRE (FLAT TYPE) (13 CORE)		TN1	1-693-676-11	TUNER PACK (ANTENNA) (AEP,UK)	
* 103	3-703-244-00	BUSHING (2104), CORD		TN1	1-693-678-11	TUNER PACK (ANTENNA) (AUS)	
⚠ 104	1-777-071-83	CORD, POWER (AEP,UK)		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
⚠ 104	1-827-295-22	CORD, POWER (AUS)		#2	7-685-871-01	SCREW +BVTT 3X6 (S)	

5-4. CHASSIS SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
151	A-1181-223-A	MAIN BOARD, COMPLETE		Q503	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
152	3-905-609-01	SCREW (TRANSISTOR)		Q504	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
153	A-1181-228-A	DIGITAL BOARD, COMPLETE (AEP,UK)		Q533	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
153	A-1181-376-A	DIGITAL BOARD, COMPLETE (AUS)		Q534	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
154	1-829-013-11	WIRE (FLAT TYPE) (21 CORE)		Q603	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
155	1-828-963-11	WIRE (FLAT TYPE) (11 CORE) (AUS)		Q604	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
155	1-828-980-11	WIRE (FLAT TYPE) (15 CORE) (AEP,UK)		Q653	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
156	4-977-358-01	CUSHION		Q654	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
157	4-249-675-01	+BV SUMITITE S 4X6 ROUND		Q703	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
158	3-077-331-21	+BV 3 (3-CR)		Q704	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
△ F901	1-532-464-33	FUSE (T2.5AL/250V)		Q753	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
△ F902	1-532-464-33	FUSE (T2.5AL/250V)		Q754	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
IC3103	8-759-071-48	IC TA7807S		△ T901	1-439-550-21	TRANSFORMER, POWER (MAIN)	
IC3104	8-759-071-47	IC TA79007S		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

SECTION 6
ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.

• -XX and -X mean standardized parts, so they may have some difference from the original one.

• RESISTORS
All resistors are in ohms.
METAL: Metal-film resistor.
METAL OXIDE: Metal oxide-film resistor.
F: nonflammable

• Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
In each case, u : μ , for example:
uA.. : μ A.. uPA.. : μ PA..
uPB.. : μ PB.. uPC.. : μ PC.. uPD.. : μ PD..

• CAPACITORS
uF : μ F

• COILS
uH : μ H

• Abbreviation
AUS : Australian model

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

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

Ref. No.	Part No.	Description	Remark			
		ADCC BOARD	*****			
		< CAPACITOR >				
C2001	1-128-809-11	CERAMIC	100PF	5%	50V	
C2002	1-126-160-11	ELECT	1uF	20%	50V	
C2003	1-127-882-31	CERAMIC	0.033uF	10%	50V	
C2005	1-128-803-11	CERAMIC	33PF	5%	50V	
C2006	1-126-160-11	ELECT	1uF	20%	50V	
C2008	1-128-806-11	CERAMIC	56PF	5%	50V	
C2010	1-127-882-31	CERAMIC	0.033uF	10%	50V	
C2011	1-127-880-11	CERAMIC	0.022uF	10%	50V	
C2012	1-127-880-11	CERAMIC	0.022uF	10%	50V	
C2013	1-126-160-11	ELECT	1uF	20%	50V	
C2014	1-124-465-00	ELECT	0.47uF	20%	50V	
C2018	1-127-888-11	CERAMIC	0.1uF	10%	50V	
		< CONNECTOR >				
CNP2000	1-784-921-11	PIN, CONNECTOR 4P				
		< DIODE >				
D2013	8-719-991-33	DIODE 1SS133T-77				
D2014	8-719-991-33	DIODE 1SS133T-77				
		< IC >				
IC2000	8-759-167-88	IC NJM4565D				
		< JACK >				
J2000	1-820-056-11	JACK (SMALL TYPE) (AUTO CAL MIC)				
		< RESISTOR >				
R2000	1-247-831-11	CARBON	1K	5%	1/4W	
R2001	1-249-429-11	CARBON	10K	5%	1/4W	
R2003	1-249-429-11	CARBON	10K	5%	1/4W	
R2005	1-247-903-00	CARBON	1M	5%	1/4W	
R2006	1-247-831-11	CARBON	1K	5%	1/4W	
R2007	1-249-429-11	CARBON	10K	5%	1/4W	
R2008	1-247-897-11	CARBON	560K	5%	1/4W	
R2010	1-249-429-11	CARBON	10K	5%	1/4W	
R2015	1-249-435-11	CARBON	33K	5%	1/4W	
R2016	1-249-431-11	CARBON	15K	5%	1/4W	
R2017	1-249-421-11	CARBON	2.2K	5%	1/4W	
R2018	1-249-418-11	CARBON	1.2K	5%	1/4W	

Ref. No.	Part No.	Description	Remark			
R2019	1-249-421-11	CARBON 2.2K 5% 1/4W	*****			
		A-1181-228-A	DIGITAL BOARD, COMPLETE (AEP,UK)			
		A-1181-376-A	DIGITAL BOARD, COMPLETE (AUS)			

	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3				
		< CAPACITOR >				
C1001	1-126-925-11	ELECT	470uF	20%	10V	
C1002	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C1004	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C1005	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C1021	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C1022	1-126-925-11	ELECT	470uF	20%	10V	
C1031	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C1032	1-126-925-11	ELECT	470uF	20%	10V	
C1045	1-162-905-11	CERAMIC CHIP	1PF	0.25PF	50V	
C1046	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C1047	1-104-662-11	ELECT	22uF	20%	25V	
C1063	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	(AEP,UK)
C1064	1-126-947-11	ELECT	47uF	20%	35V	(AEP,UK)
C1100	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C1102	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C1103	1-126-947-11	ELECT	47uF	20%	35V	
C1104	1-216-864-11	SHORT CHIP	0			
C1105	1-216-864-11	SHORT CHIP	0			
C1107	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C1108	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C1118	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C1119	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C1120	1-162-974-11	CERAMIC CHIP	0.01uF		50V	
C1121	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C1122	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C1123	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C1124	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C1125	1-162-923-11	CERAMIC CHIP	47PF	5%	50V	
C1128	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C1129	1-162-974-11	CERAMIC CHIP	0.01uF		50V	
C1130	1-162-974-11	CERAMIC CHIP	0.01uF		50V	
C1131	1-162-974-11	CERAMIC CHIP	0.01uF		50V	
C1132	1-162-974-11	CERAMIC CHIP	0.01uF		50V	
C1133	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C1134	1-126-947-11	ELECT	47uF	20%	35V	C1423	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1137	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C1428	1-126-964-11	ELECT	10uF	20%	50V
C1138	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1432	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1139	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1433	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1140	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1438	1-126-964-11	ELECT	10uF	20%	50V
C1141	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1441	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1142	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1442	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1144	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1448	1-126-964-11	ELECT	10uF	20%	50V
C1145	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1450	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1146	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1451	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1149	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C1453	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1171	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1454	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1172	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1457	1-126-964-11	ELECT	10uF	20%	50V
C1251	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1458	1-126-964-11	ELECT	10uF	20%	50V
C1252	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1460	1-126-964-11	ELECT	10uF	20%	50V
C1253	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1462	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1254	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C1463	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1255	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C1468	1-126-964-11	ELECT	10uF	20%	50V
C1299	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1472	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1301	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1473	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1302	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1478	1-126-964-11	ELECT	10uF	20%	50V
C1303	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1481	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1304	1-110-563-11	CERAMIC CHIP	0.068uF	10%	16V	C1483	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1305	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1487	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1306	1-126-947-11	ELECT	47uF	20%	35V	C1488	1-126-964-11	ELECT	10uF	20%	50V
C1308	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1491	1-126-964-11	ELECT	10uF	20%	50V
C1309	1-162-918-11	CERAMIC CHIP	18PF	5%	50V	C1494	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1310	1-162-918-11	CERAMIC CHIP	18PF	5%	50V	C1495	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C1312	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1501	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1313	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C1502	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1314	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1503	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1315	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1504	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1316	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1505	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1317	1-126-925-11	ELECT	470uF	20%	10V	C1506	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1351	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1507	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1352	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1508	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1353	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1509	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1354	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1510	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1355	1-104-662-11	ELECT	22uF	20%	25V	C1511	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1357	1-162-905-11	CERAMIC CHIP	1PF	0.25PF	50V	C1513	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1358	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1514	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1359	1-126-916-11	ELECT	1000uF	20%	6.3V	C1515	1-126-925-11	ELECT	470uF	20%	10V
C1360	1-162-923-11	CERAMIC CHIP	47PF	5%	50V	C1516	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1361	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1517	1-126-925-11	ELECT	470uF	20%	10V
C1362	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1518	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1401	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1519	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1402	1-126-947-11	ELECT	47uF	20%	35V	C1520	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1403	1-126-964-11	ELECT	10uF	20%	50V	C1521	1-162-920-11	CERAMIC CHIP	27PF	5%	50V
C1404	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1522	1-162-920-11	CERAMIC CHIP	27PF	5%	50V
C1405	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	C1525	1-126-925-11	ELECT	470uF	20%	10V
C1406	1-126-963-11	ELECT	4.7uF	20%	50V	C1547	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1407	1-126-963-11	ELECT	4.7uF	20%	50V	C1557	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1408	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	C1566	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1409	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C1567	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1411	1-162-963-11	CERAMIC CHIP	680PF	10%	50V	C1568	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1413	1-162-961-11	CERAMIC CHIP	330PF	10%	50V	C1569	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1418	1-126-964-11	ELECT	10uF	20%	50V	C1601	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1422	1-162-963-11	CERAMIC CHIP	680PF	10%	50V	C1602	1-162-927-11	CERAMIC CHIP	100PF	5%	50V

DIGITAL

Ref. No.	Part No.	Description	Remark			
C1604	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C1605	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C1620	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C1905	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C1906	1-126-925-11	ELECT	470uF	20%	10V	
C1908	1-126-925-11	ELECT	470uF	20%	10V	
C1913	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C1914	1-126-947-11	ELECT	47uF	20%	35V	
C2216	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C2217	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
C2218	1-126-947-11	ELECT	47uF	20%	35V	
< CONNECTOR >						
CNP503	1-784-922-11	PIN, CONNECTOR 5P				
CNP504	1-784-923-11	PIN, CONNECTOR 7P				
CNP505	1-784-925-11	PIN, CONNECTOR 10P				
CNS501	1-573-829-11	CONNECTOR, BOARD TO BOARD 15P				
CNS502	1-766-719-41	CONNECTOR, BOARD TO BOARD 10P				
CNS504	1-568-828-11	CONNECTOR, FFC 9P				
CNS505	1-784-784-11	CONNECTOR, FFC 23P				
CNS508	1-568-830-11	CONNECTOR, FFC 11P (AUS)				
CNS508	1-784-776-11	CONNECTOR, FFC 15P (AEP,UK)				
CNS509	1-568-838-11	CONNECTOR, FFC 21P				
< DIODE >						
D1001	8-719-053-18	DIODE 1SR154-400TE-25				
D1003	8-719-049-09	DIODE 1SS367-T3SONY				
D1004	8-719-049-09	DIODE 1SS367-T3SONY				
D1107	8-719-988-61	DIODE 1SS355TE-17				
D1108	8-719-988-61	DIODE 1SS355TE-17				
D1110	8-719-988-61	DIODE 1SS355TE-17				
D1111	8-719-988-61	DIODE 1SS355TE-17				
D1301	8-719-988-61	DIODE 1SS355TE-17				
D1302	8-719-988-61	DIODE 1SS355TE-17				
D1501	8-719-049-09	DIODE 1SS367-T3SONY				
D1502	8-719-049-09	DIODE 1SS367-T3SONY				
D1503	8-719-049-09	DIODE 1SS367-T3SONY				
D1504	8-719-049-09	DIODE 1SS367-T3SONY				
< FERRITE BEAD >						
FB1101	1-400-862-11	BEAD, FERRITE				
FB1302	1-400-862-11	BEAD, FERRITE				
FB1305	1-400-862-11	BEAD, FERRITE				
FB1306	1-400-862-11	BEAD, FERRITE				
FB1308	1-400-862-11	BEAD, FERRITE				
FB1309	1-400-862-11	BEAD, FERRITE				
FB1405	1-400-862-11	BEAD, FERRITE				
FB1452	1-400-862-11	BEAD, FERRITE				
FB1453	1-400-862-11	BEAD, FERRITE				
FB1501	1-400-862-11	BEAD, FERRITE				
FB1502	1-400-862-11	BEAD, FERRITE				
FB1503	1-400-862-11	BEAD, FERRITE				
FB2034	1-400-862-11	BEAD, FERRITE				
< IC >						
IC1001	8-759-231-53	IC TA7805S				
IC1031	6-705-464-01	IC BA50BC0T				
IC1071	6-702-771-01	IC TA78033LS (AEP,UK)				

Ref. No.	Part No.	Description	Remark			
IC1101	6-806-528-01	IC MB90488BPF-G-195E1				
IC1103	8-759-242-70	IC TC7WU04F				
IC1111	6-702-913-01	IC S-80929CNMC-G8ZT2G				
IC1131	6-705-866-01	IC BR24L16FJ-WE2				
IC1301	6-805-692-01	IC LC890561W				
IC1302	8-759-595-15	IC TC74ACT153F(EL)				
IC1303	8-759-242-70	IC TC7WU04F				
IC1351	6-600-466-01	IC TORX147L (DIGITAL VIDEO 2 IN				(OPTICAL))
IC1352	6-600-466-01	IC TORX147L (DIGITAL MD/TAPE IN				(OPTICAL))
IC1353	6-600-461-11	IC TOTX147L(RED) (DIGITAL MD/TAPE OUT				(OPTICAL))
IC1354	6-600-466-01	IC TORX147L (DIGITAL VIDEO 1 IN				(OPTICAL))
IC1401	8-759-560-56	IC PCM1800E/2K				
IC1403	8-759-710-97	IC NJM4565M-D				
IC1404	8-759-710-97	IC NJM4565M-D				
IC1405	8-759-710-97	IC NJM4565M-D				
IC1406	8-759-710-97	IC NJM4565M-D				
IC1452	6-708-785-01	IC PCM1609APT				
IC1501	6-705-900-01	IC CXD9718BQ				
IC1502	6-709-278-01	IC IS61WV6416BLL-12TLI				
IC1503	8-759-546-74	IC TC7WH157FU(Te12R)				
IC1601	8-759-268-29	IC SN74HC595ANS				
IC1602	8-759-268-29	IC SN74HC595ANS				
IC1901	6-701-887-02	IC SI-3004KWF				
IC1902	6-703-550-01	IC TA7809LS				
IC1904	6-705-463-01	IC BA33BC0T				
< JACK >						
J1301	1-818-314-11	JACK, PIN 2P (DIGITAL DVD IN (COAXIAL),				SA-CD/CD IN (COAXIAL))
< JUMPER RESISTOR >						
JR1007	1-216-864-11	SHORT CHIP	0			
JR1015	1-211-950-11	SHORT CHIP	0			
JR1016	1-211-950-11	SHORT CHIP	0			
JR1019	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
JR1020	1-216-864-11	SHORT CHIP	0			
JR1104	1-216-864-11	SHORT CHIP	0			
JR1202	1-216-864-11	SHORT CHIP	0 (AUS)			
JR1207	1-211-950-11	SHORT CHIP	0			
JR1511	1-400-862-11	BEAD, FERRITE				
< RESISTOR >						
R1010	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1011	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1012	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1013	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1014	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1015	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1016	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1017	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1035	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R1039	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R1041	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1042	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1044	1-216-809-11	METAL CHIP	100	5%	1/10W	

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
R1049	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1134	1-216-809-11	METAL CHIP	100	5%	1/10W
R1055	1-216-809-11	METAL CHIP	100	5%	1/10W	R1135	1-216-809-11	METAL CHIP	100	5%	1/10W
R1056	1-216-854-11	METAL CHIP	560K	5%	1/10W	R1136	1-216-809-11	METAL CHIP	100	5%	1/10W
R1057	1-216-837-11	METAL CHIP	22K	5%	1/10W	R1137	1-216-809-11	METAL CHIP	100	5%	1/10W
R1058	1-216-813-11	METAL CHIP	220	5%	1/10W (AEP,UK)	R1140	1-216-809-11	METAL CHIP	100	5%	1/10W
R1059	1-216-813-11	METAL CHIP	220	5%	1/10W (AEP,UK)	R1142	1-216-809-11	METAL CHIP	100	5%	1/10W
R1060	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1143	1-216-809-11	METAL CHIP	100	5%	1/10W
R1061	1-216-809-11	METAL CHIP	100	5%	1/10W	R1144	1-216-809-11	METAL CHIP	100	5%	1/10W
R1062	1-216-809-11	METAL CHIP	100	5%	1/10W	R1149	1-216-809-11	METAL CHIP	100	5%	1/10W
R1063	1-216-809-11	METAL CHIP	100	5%	1/10W	R1150	1-216-809-11	METAL CHIP	100	5%	1/10W
R1065	1-216-809-11	METAL CHIP	100	5%	1/10W	R1151	1-216-809-11	METAL CHIP	100	5%	1/10W
R1066	1-216-809-11	METAL CHIP	100	5%	1/10W	R1152	1-216-809-11	METAL CHIP	100	5%	1/10W
R1067	1-216-809-11	METAL CHIP	100	5%	1/10W	R1153	1-216-809-11	METAL CHIP	100	5%	1/10W
R1068	1-216-809-11	METAL CHIP	100	5%	1/10W	R1154	1-216-809-11	METAL CHIP	100	5%	1/10W
R1072	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R1155	1-216-809-11	METAL CHIP	100	5%	1/10W
R1073	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R1156	1-216-864-11	SHORT CHIP	0		
R1076	1-216-809-11	METAL CHIP	100	5%	1/10W	R1157	1-216-864-11	SHORT CHIP	0		
R1077	1-216-809-11	METAL CHIP	100	5%	1/10W	R1159	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1078	1-216-809-11	METAL CHIP	100	5%	1/10W	R1160	1-216-809-11	METAL CHIP	100	5%	1/10W
R1081	1-216-809-11	METAL CHIP	100	5%	1/10W	R1161	1-216-809-11	METAL CHIP	100	5%	1/10W
R1082	1-216-809-11	METAL CHIP	100	5%	1/10W	R1162	1-216-809-11	METAL CHIP	100	5%	1/10W
R1083	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1171	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1085	1-216-809-11	METAL CHIP	100	5%	1/10W	R1172	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1086	1-216-809-11	METAL CHIP	100	5%	1/10W	R1175	1-216-809-11	METAL CHIP	100	5%	1/10W
R1088	1-216-833-11	METAL CHIP	10K	5%	1/10W						(AEP,UK)
R1094	1-216-833-11	METAL CHIP	10K	5%	1/10W (AUS)	R1179	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1095	1-216-833-11	METAL CHIP	10K	5%	1/10W (AUS)	R1180	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1096	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1181	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1097	1-216-845-11	METAL CHIP	100K	5%	1/10W	R1182	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1103	1-216-809-11	METAL CHIP	100	5%	1/10W	R1183	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1105	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1184	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1106	1-216-809-11	METAL CHIP	100	5%	1/10W	R1185	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1107	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R1186	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1108	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R1187	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1109	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R1188	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1110	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R1189	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1111	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R1190	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1112	1-216-809-11	METAL CHIP	100	5%	1/10W	R1191	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1113	1-216-809-11	METAL CHIP	100	5%	1/10W	R1192	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1114	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R1193	1-216-829-11	METAL CHIP	4.7K	5%	1/10W (AUS)
R1115	1-216-809-11	METAL CHIP	100	5%	1/10W	R1193	1-216-841-11	METAL CHIP	47K	5%	1/10W (AEP,UK)
R1116	1-216-809-11	METAL CHIP	100	5%	1/10W	R1194	1-216-825-11	METAL CHIP	2.2K	5%	1/10W (AEP,UK)
R1117	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1194	1-216-841-11	METAL CHIP	47K	5%	1/10W (AUS)
R1118	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1202	1-216-809-11	METAL CHIP	100	5%	1/10W
R1119	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1203	1-216-809-11	METAL CHIP	100	5%	1/10W
R1120	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1251	1-216-840-11	METAL CHIP	39K	5%	1/10W
R1121	1-216-809-11	METAL CHIP	100	5%	1/10W	R1252	1-216-840-11	METAL CHIP	39K	5%	1/10W
R1122	1-216-809-11	METAL CHIP	100	5%	1/10W	R1260	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1123	1-216-809-11	METAL CHIP	100	5%	1/10W	R1261	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1124	1-216-809-11	METAL CHIP	100	5%	1/10W	R1301	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R1125	1-216-809-11	METAL CHIP	100	5%	1/10W	R1303	1-216-864-11	SHORT CHIP	0		
R1126	1-216-809-11	METAL CHIP	100	5%	1/10W	R1304	1-216-813-11	METAL CHIP	220	5%	1/10W
R1127	1-216-809-11	METAL CHIP	100	5%	1/10W	R1305	1-216-819-11	METAL CHIP	680	5%	1/10W
R1128	1-216-809-11	METAL CHIP	100	5%	1/10W	R1306	1-216-801-11	METAL CHIP	22	5%	1/10W
R1129	1-216-809-11	METAL CHIP	100	5%	1/10W	R1307	1-216-809-11	METAL CHIP	100	5%	1/10W

DIGITAL

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R1308	1-216-809-11	METAL CHIP	100	5%	1/10W	R1484	1-216-864-11	SHORT CHIP	0		
R1309	1-216-809-11	METAL CHIP	100	5%	1/10W	R1486	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1310	1-216-857-11	METAL CHIP	1M	5%	1/10W	R1490	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1311	1-216-809-11	METAL CHIP	100	5%	1/10W	R1491	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1312	1-216-809-11	METAL CHIP	100	5%	1/10W	R1492	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1313	1-216-809-11	METAL CHIP	100	5%	1/10W	R1493	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1314	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1494	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1315	1-216-809-11	METAL CHIP	100	5%	1/10W	R1495	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1316	1-216-809-11	METAL CHIP	100	5%	1/10W	R1501	1-216-809-11	METAL CHIP	100	5%	1/10W
R1318	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1502	1-216-809-11	METAL CHIP	100	5%	1/10W
R1319	1-216-864-11	SHORT CHIP	0			R1503	1-216-813-11	METAL CHIP	220	5%	1/10W
R1320	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1504	1-216-809-11	METAL CHIP	100	5%	1/10W
R1322	1-216-864-11	SHORT CHIP	0			R1505	1-216-809-11	METAL CHIP	100	5%	1/10W
R1351	1-216-809-11	METAL CHIP	100	5%	1/10W	R1506	1-216-809-11	METAL CHIP	100	5%	1/10W
R1352	1-216-809-11	METAL CHIP	100	5%	1/10W	R1507	1-216-809-11	METAL CHIP	100	5%	1/10W
R1353	1-216-809-11	METAL CHIP	100	5%	1/10W	R1508	1-216-809-11	METAL CHIP	100	5%	1/10W
R1354	1-216-809-11	METAL CHIP	100	5%	1/10W	R1509	1-216-809-11	METAL CHIP	100	5%	1/10W
R1355	1-218-285-11	METAL CHIP	75	5%	1/10W	R1510	1-216-809-11	METAL CHIP	100	5%	1/10W
R1356	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1511	1-216-809-11	METAL CHIP	100	5%	1/10W
R1357	1-216-837-11	METAL CHIP	22K	5%	1/10W	R1512	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1358	1-216-854-11	METAL CHIP	560K	5%	1/10W	R1513	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1359	1-216-809-11	METAL CHIP	100	5%	1/10W	R1514	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1360	1-216-809-11	METAL CHIP	100	5%	1/10W	R1515	1-216-857-11	METAL CHIP	1M	5%	1/10W
R1361	1-216-809-11	METAL CHIP	100	5%	1/10W	R1523	1-216-813-11	METAL CHIP	220	5%	1/10W
R1362	1-216-809-11	METAL CHIP	100	5%	1/10W	R1524	1-216-864-11	SHORT CHIP	0		
R1366	1-218-285-11	METAL CHIP	75	5%	1/10W	R1530	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1401	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1541	1-216-813-11	METAL CHIP	220	5%	1/10W
R1402	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R1555	1-216-813-11	METAL CHIP	220	5%	1/10W
R1403	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1556	1-216-809-11	METAL CHIP	100	5%	1/10W
R1407	1-216-809-11	METAL CHIP	100	5%	1/10W	R1557	1-216-813-11	METAL CHIP	220	5%	1/10W
R1414	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	R1570	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1416	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1571	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1420	1-216-864-11	SHORT CHIP	0			R1572	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1421	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	R1573	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1424	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	R1574	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1425	1-216-864-11	SHORT CHIP	0			R1635	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1426	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1636	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1434	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	< NETWORK RESISTOR >					
R1435	1-216-864-11	SHORT CHIP	0			RB1500	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)			
R1436	1-216-821-11	METAL CHIP	1K	5%	1/10W	RB1501	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)			
R1444	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	RB1502	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)			
R1445	1-216-864-11	SHORT CHIP	0			RB1503	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)			
R1446	1-216-821-11	METAL CHIP	1K	5%	1/10W	RB1504	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)			
R1454	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	RB1506	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)			
R1455	1-216-864-11	SHORT CHIP	0			RB1507	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)			
R1460	1-216-864-11	SHORT CHIP	0			RB1508	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)			
R1461	1-216-864-11	SHORT CHIP	0			< VIBRATOR >					
R1463	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	X1101	1-813-448-21	PIEZOELECTRIC OSCILLATOR (24MHz)			
R1464	1-216-864-11	SHORT CHIP	0			X1301	1-795-126-21	VIBRATOR, CRYSTAL (12.288MHz)			
R1466	1-216-821-11	METAL CHIP	1K	5%	1/10W	X1502	1-813-276-21	QUARTZ, CRYSTAL (13.9MHz)			
R1470	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	*****					
R1471	1-216-864-11	SHORT CHIP	0								
R1472	1-216-864-11	SHORT CHIP	0								
R1473	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W						
R1474	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R1475	1-216-864-11	SHORT CHIP	0								
R1476	1-216-821-11	METAL CHIP	1K	5%	1/10W						
R1483	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W						

DISPLAY

HDMI SW

Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description	Remark			
	A-1181-226-A	DISPLAY BOARD, COMPLETE	*****						< RESISTOR >				
		< CAPACITOR >					R101	1-249-409-11	CARBON	220	5%	1/4W	
C100	1-127-888-11	CERAMIC	0.1uF	10%	50V		R102	1-249-411-11	CARBON	330	5%	1/4W	
C101	1-127-888-11	CERAMIC	0.1uF	10%	50V		R103	1-249-413-11	CARBON	470	5%	1/4W	
C104	1-127-888-11	CERAMIC	0.1uF	10%	50V		R104	1-249-415-11	CARBON	680	5%	1/4W	
C106	1-127-868-11	CERAMIC	0.0022uF	10%	50V		R105	1-247-831-11	CARBON	1K	5%	1/4W	
C107	1-127-868-11	CERAMIC	0.0022uF	10%	50V		R106	1-249-419-11	CARBON	1.5K	5%	1/4W	
C108	1-127-888-11	CERAMIC	0.1uF	10%	50V		R107	1-249-421-11	CARBON	2.2K	5%	1/4W	
C109	1-127-888-11	CERAMIC	0.1uF	10%	50V		R108	1-249-409-11	CARBON	220	5%	1/4W	
C110	1-162-286-31	CERAMIC	220PF	10%	50V		R109	1-249-411-11	CARBON	330	5%	1/4W	
C111	1-162-286-31	CERAMIC	220PF	10%	50V		R110	1-249-413-11	CARBON	470	5%	1/4W	
C112	1-162-286-31	CERAMIC	220PF	10%	50V		R111	1-249-415-11	CARBON	680	5%	1/4W	
C114	1-135-798-11	CERAMIC	0.22uF		50V		R115	1-247-807-31	CARBON	100	5%	1/4W	
C115	1-126-795-11	ELECT	10uF	20%	50V		R116	1-247-807-31	CARBON	100	5%	1/4W	
C132	1-162-286-31	CERAMIC	220PF	10%	50V		R117	1-247-807-31	CARBON	100	5%	1/4W	
C133	1-162-286-31	CERAMIC	220PF	10%	50V		R118	1-249-440-11	CARBON	82K	5%	1/4W	
C134	1-162-286-31	CERAMIC	220PF	10%	50V		R119	1-247-807-31	CARBON	100	5%	1/4W	
C135	1-162-286-31	CERAMIC	220PF	10%	50V		R121	1-249-393-11	CARBON	10	5%	1/4W	
C136	1-162-286-31	CERAMIC	220PF	10%	50V		R122	1-247-804-11	CARBON	75	5%	1/4W	
C137	1-162-286-31	CERAMIC	220PF	10%	50V		R123	1-249-429-11	CARBON	10K	5%	1/4W	
C138	1-162-286-31	CERAMIC	220PF	10%	50V		R131	1-249-421-11	CARBON	2.2K	5%	1/4W	
C139	1-162-286-31	CERAMIC	220PF	10%	50V		R198	1-249-381-11	CARBON	1	5%	1/4W	
C140	1-162-286-31	CERAMIC	220PF	10%	50V		R199	1-249-381-11	CARBON	1	5%	1/4W	
C141	1-162-286-31	CERAMIC	220PF	10%	50V				< ROTARY ENCODER >				
C142	1-162-286-31	CERAMIC	220PF	10%	50V		RV101	1-418-817-11	ENCODER, ROTARY (INPUT SELECTOR)				
C143	1-162-286-31	CERAMIC	220PF	10%	50V		RV102	1-418-725-41	ENCODER, ROTARY (12 TYPE)				
C144	1-127-888-11	CERAMIC	0.1uF	10%	50V				(MASTER VOLUME)				
C145	1-127-888-11	CERAMIC	0.1uF	10%	50V		RV103	1-418-817-11	ENCODER, ROTARY (TUNING +/-)				
C146	1-126-795-11	ELECT	10uF	20%	50V				< SWITCH >				
C147	1-162-286-31	CERAMIC	220PF	10%	50V		S101	1-771-410-21	SWITCH, TACTILE (DIRECT)				
C148	1-162-286-31	CERAMIC	220PF	10%	50V		S102	1-771-410-21	SWITCH, TACTILE (MULTI CH IN)				
C149	1-162-286-31	CERAMIC	220PF	10%	50V		S103	1-771-410-21	SWITCH, TACTILE (INPUT MODE)				
C150	1-127-888-11	CERAMIC	0.1uF	10%	50V		S104	1-771-410-21	SWITCH, TACTILE (DISPLAY)				
C151	1-127-888-11	CERAMIC	0.1uF	10%	50V		S105	1-771-410-21	SWITCH, TACTILE (MOVIE)				
C152	1-127-888-11	CERAMIC	0.1uF	10%	50V		S106	1-771-410-21	SWITCH, TACTILE (A.F.D.)				
		< CONNECTOR >					S107	1-771-410-21	SWITCH, TACTILE (2CH)				
CNS100	1-784-784-11	CONNECTOR, FFC 23P					S108	1-771-410-21	SWITCH, TACTILE (MEMORY/ENTER)				
		< DIODE >					S109	1-771-410-21	SWITCH, TACTILE (SLEEP)				
D105	6-500-647-01	LED SEL5E20C-STP15					S110	1-771-410-21	SWITCH, TACTILE (DIMMER)				
		(MULTI CHANNEL DECODING)					S111	1-771-410-21	SWITCH, TACTILE (SUR BACK DECODING)				
		< VACUUM FLUORESCENT DISPLAY >					S112	1-771-410-21	SWITCH, TACTILE (TUNING MODE)				
FL101	1-519-866-01	VACUUM FLUORESCENT DISPLAY					S124	1-771-410-21	SWITCH, TACTILE (MUSIC)				
		< IC >					*****						
							A-1158-394-A	HDMI SW BOARD, COMPLETE	*****				
									< CAPACITOR >				
IC100	8-759-643-83	IC uPD16315GB-3BS					C5001	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
IC101	8-759-243-51	IC TC74ACT08P					C5002	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
IC102	6-600-174-01	IC RPM7240-H4 (IR)					C5003	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
		< TRANSISTOR >					C5004	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
							C5005	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
Q110	8-729-119-78	TRANSISTOR 2SC2785-HFE					C5006	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
							C5007	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
							C5008	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	

Ref. No.	Part No.	Description			Remark
C5009	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C5010	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C5011	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C5012	1-117-681-11	ELECT CHIP	100uF	20%	16V
C5013	1-128-934-11	CERAMIC CHIP	0.33uF	20%	10V
C5014	1-126-246-11	ELECT CHIP	220uF	20%	4V
C5015	1-128-994-21	ELECT CHIP	47uF	20%	10V
C5016	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C5017	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C5018	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C5019	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5020	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5021	1-117-681-11	ELECT CHIP	100uF	20%	16V
C5022	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C5023	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C5024	1-128-934-11	CERAMIC CHIP	0.33uF	20%	10V
C5027	1-128-994-21	ELECT CHIP	47uF	20%	10V
< CONNECTOR >					
CN5001	1-818-086-41	CONNECTOR, HDMI 19P (HDMI DVD IN (ASSIGNABLE))			
CN5002	1-818-086-41	CONNECTOR, HDMI 19P (HDMI VIDEO 2 IN (ASSIGNABLE))			
CN5003	1-818-086-41	CONNECTOR, HDMI 19P (HDMI MONITOR OUT)			
* CN5004	1-770-470-21	PIN, CONNECTOR (PC BOARD) 6P			
< IC >					
IC5001	6-709-221-01	IC TMDS341PFCR			
IC5002	6-705-337-01	IC TK11150CSCL-G			
IC5003	6-705-468-01	IC BA33BC0FP-E2			
IC5004	6-704-351-01	IC SN74LVC2G08DCUR			
IC5005	6-707-207-01	IC SN74LVC1G3157DCKR			
IC5006	6-706-740-01	IC BA00BC0WFP-E2			
< FERRITE BEAD >					
L5013	1-400-862-11	BEAD, FERRITE			
< RESISTOR >					
R5001	1-218-861-11	METAL CHIP	3.9K	0.5%	1/10W
R5002	1-218-844-11	METAL CHIP	750	0.5%	1/10W
R5003	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5004	1-216-864-11	SHORT CHIP	0		
R5005	1-216-864-11	SHORT CHIP	0		
R5006	1-216-864-11	SHORT CHIP	0		
R5007	1-216-864-11	SHORT CHIP	0		
R5008	1-216-864-11	SHORT CHIP	0		
R5009	1-216-864-11	SHORT CHIP	0		
R5010	1-216-864-11	SHORT CHIP	0		
R5011	1-216-864-11	SHORT CHIP	0		
R5014	1-216-864-11	SHORT CHIP	0		
R5015	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5016	1-216-864-11	SHORT CHIP	0		
R5017	1-216-864-11	SHORT CHIP	0		
R5018	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5019	1-216-864-11	SHORT CHIP	0		
R5020	1-216-864-11	SHORT CHIP	0		
R5022	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5024	1-216-864-11	SHORT CHIP	0		

Ref. No.	Part No.	Description	Remark			
R5025	1-216-864-11	SHORT CHIP	0			
R5026	1-216-809-11	METAL CHIP	100	5%	1/10W	
R5027	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R5028	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R5029	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R5030	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R5042	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R5043	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R5047	1-216-864-11	SHORT CHIP	0			
R5048	1-216-864-11	SHORT CHIP	0			
R5049	1-216-864-11	SHORT CHIP	0			
R5050	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R5051	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	
R5052	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R5053	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R5054	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R5055	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R5056	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R5060	1-216-864-11	SHORT CHIP	0			
R5061	1-216-864-11	SHORT CHIP	0			
R5068	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R5069	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R5072	1-216-809-11	METAL CHIP	100	5%	1/10W	
R5073	1-216-864-11	SHORT CHIP	0			
R5074	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	

HEADPHONE BOARD						

< CAPACITOR >						
C790	1-127-888-11	CERAMIC	0.1uF	10%	50V	
C791	1-127-888-11	CERAMIC	0.1uF	10%	50V	
< CONNECTOR >						
CNP791	1-691-766-11	PLUG (MICRO CONNECTOR) 4P				
< JACK >						
J791	1-815-314-21	JACK (PHONES)				
< LEAD WIRE >						
* TP701	1-690-880-31	LEAD (WITH CONNECTOR)				

A-1181-223-A	MAIN BOARD, COMPLETE					

7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3					
< CAPACITOR >						
C310	1-127-868-11	CERAMIC	0.0022uF	10%	50V	
C400	1-127-868-11	CERAMIC	0.0022uF	10%	50V	
C403	1-127-868-11	CERAMIC	0.0022uF	10%	50V	
C408	1-126-963-11	ELECT	4.7uF	20%	50V	
C409	1-126-963-11	ELECT	4.7uF	20%	50V	
C444	1-127-868-11	CERAMIC	0.0022uF	10%	50V	
C445	1-127-868-11	CERAMIC	0.0022uF	10%	50V	
C453	1-162-286-31	CERAMIC	220PF	10%	50V	
C458	1-126-963-11	ELECT	4.7uF	20%	50V	

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C459	1-126-963-11	ELECT	4.7uF	20%	50V	C655	1-102-233-00	CERAMIC	33PF	10%	500V
C463	1-162-286-31	CERAMIC	220PF	10%	50V	C656	1-162-282-31	CERAMIC	100PF	10%	50V
C464	1-127-888-11	CERAMIC	0.1uF	10%	50V	C657	1-162-282-31	CERAMIC	100PF	10%	50V
C468	1-162-282-31	CERAMIC	100PF	10%	50V	C660	1-126-947-11	ELECT	47uF	20%	35V
C469	1-162-282-31	CERAMIC	100PF	10%	50V	C661	1-136-157-00	FILM	0.022uF	5%	50V
C471	1-126-963-11	ELECT	4.7uF	20%	50V	C666	1-162-815-11	CERAMIC	47PF	5%	500V
C472	1-126-963-11	ELECT	4.7uF	20%	50V	C669	1-162-815-11	CERAMIC	47PF	5%	500V
C481	1-126-964-11	ELECT	10uF	20%	50V	C670	1-162-286-31	CERAMIC	220PF	10%	50V
C484	1-126-964-11	ELECT	10uF	20%	50V	C680	1-126-964-11	ELECT	10uF	20%	50V
C485	1-126-964-11	ELECT	10uF	20%	50V	C681	1-127-876-11	CERAMIC	0.01uF	10%	50V
C488	1-127-888-11	CERAMIC	0.1uF	10%	50V	C691	1-127-888-11	CERAMIC	0.1uF	10%	50V
C490	1-126-964-11	ELECT	10uF	20%	50V	C701	1-126-963-11	ELECT	4.7uF	20%	50V
C492	1-126-964-11	ELECT	10uF	20%	50V	C702	1-126-964-11	ELECT	10uF	20%	50V
C493	1-126-964-11	ELECT	10uF	20%	50V	C703	1-165-722-11	ELECT	100uF	20%	10V
C495	1-126-964-11	ELECT	10uF	20%	50V	C704	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C499	1-162-286-31	CERAMIC	220PF	10%	50V	C705	1-102-233-00	CERAMIC	33PF	10%	500V
C501	1-126-963-11	ELECT	4.7uF	20%	50V	C706	1-162-282-31	CERAMIC	100PF	10%	50V
C503	1-104-658-11	ELECT	100uF	20%	10V	C707	1-162-282-31	CERAMIC	100PF	10%	50V
C504	1-107-585-11	CERAMIC	5PF	0.25PF	500V	C710	1-126-947-11	ELECT	47uF	20%	35V
C505	1-102-233-00	CERAMIC	33PF	10%	500V	C711	1-136-157-00	FILM	0.022uF	5%	50V
C506	1-162-282-31	CERAMIC	100PF	10%	50V	C716	1-162-815-11	CERAMIC	47PF	5%	500V
C507	1-162-282-31	CERAMIC	100PF	10%	50V	C717	1-162-815-11	CERAMIC	47PF	5%	500V
C510	1-126-947-11	ELECT	47uF	20%	35V	C720	1-162-286-31	CERAMIC	220PF	10%	50V
C511	1-136-157-00	FILM	0.022uF	5%	50V	C721	1-126-923-11	ELECT	220uF	20%	10V
C516	1-162-815-11	CERAMIC	47PF	5%	500V	C722	1-126-964-11	ELECT	10uF	20%	50V
C517	1-162-815-11	CERAMIC	47PF	5%	500V	C732	1-128-582-11	ELECT	10uF	20%	100V
C519	1-162-286-31	CERAMIC	220PF	10%	50V	C733	1-128-582-11	ELECT	10uF	20%	100V
C531	1-136-157-00	FILM	0.022uF	5%	50V	C740	1-126-964-11	ELECT	10uF	20%	50V
C539	1-162-286-31	CERAMIC	220PF	10%	50V	C741	1-128-579-11	ELECT	2.2uF	20%	100V
C540	1-126-964-11	ELECT	10uF	20%	50V	C742	1-127-876-11	CERAMIC	0.01uF	10%	50V
C541	1-127-876-11	CERAMIC	0.01uF	10%	50V	C743	1-128-579-11	ELECT	2.2uF	20%	100V
C553	1-104-658-11	ELECT	100uF	20%	10V	C744	1-128-579-11	ELECT	2.2uF	20%	100V
C554	1-107-585-11	CERAMIC	5PF	0.25PF	500V	C750	1-126-964-11	ELECT	10uF	20%	50V
C561	1-126-963-11	ELECT	4.7uF	20%	50V	C751	1-126-963-11	ELECT	4.7uF	20%	50V
C565	1-102-233-00	CERAMIC	33PF	10%	500V	C752	1-127-876-11	CERAMIC	0.01uF	10%	50V
C566	1-162-282-31	CERAMIC	100PF	10%	50V	C753	1-165-722-11	ELECT	100uF	20%	10V
C567	1-162-282-31	CERAMIC	100PF	10%	50V	C754	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C570	1-126-947-11	ELECT	47uF	20%	35V	C755	1-102-233-00	CERAMIC	33PF	10%	500V
C576	1-162-815-11	CERAMIC	47PF	5%	500V	C756	1-162-282-31	CERAMIC	100PF	10%	50V
C577	1-162-815-11	CERAMIC	47PF	5%	500V	C757	1-162-282-31	CERAMIC	100PF	10%	50V
C580	1-126-964-11	ELECT	10uF	20%	50V	C760	1-126-947-11	ELECT	47uF	20%	35V
C581	1-127-876-11	CERAMIC	0.01uF	10%	50V	C761	1-136-157-00	FILM	0.022uF	5%	50V
C601	1-126-963-11	ELECT	4.7uF	20%	50V	C762	1-126-964-11	ELECT	10uF	20%	50V
C603	1-104-658-11	ELECT	100uF	20%	10V	C766	1-162-815-11	CERAMIC	47PF	5%	500V
C604	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C767	1-162-815-11	CERAMIC	47PF	5%	500V
C605	1-102-233-00	CERAMIC	33PF	10%	500V	C770	1-162-286-31	CERAMIC	220PF	10%	50V
C606	1-162-282-31	CERAMIC	100PF	10%	50V	C791	1-126-923-11	ELECT	220uF	20%	10V
C607	1-162-282-31	CERAMIC	100PF	10%	50V	C801	1-126-947-11	ELECT	47uF	20%	35V
C610	1-126-947-11	ELECT	47uF	20%	35V	C802	1-126-947-11	ELECT	47uF	20%	35V
C611	1-136-157-00	FILM	0.022uF	5%	50V	C803	1-109-932-14	ELECT(BLOCK)	10000uF	20%	71V
C619	1-162-286-31	CERAMIC	220PF	10%	50V	C804	1-109-932-14	ELECT(BLOCK)	10000uF	20%	71V
C620	1-162-815-11	CERAMIC	47PF	5%	500V	C805	1-135-851-21	MYLAR	0.22uF		100V
C621	1-162-815-11	CERAMIC	47PF	5%	500V	C806	1-135-851-21	MYLAR	0.22uF		100V
C640	1-126-964-11	ELECT	10uF	20%	50V	C807	1-126-947-11	ELECT	47uF	20%	35V
C642	1-127-876-11	CERAMIC	0.01uF	10%	50V	C808	1-126-947-11	ELECT	47uF	20%	35V
C651	1-126-963-11	ELECT	4.7uF	20%	50V	C809	1-127-888-11	CERAMIC	0.1uF	10%	50V
C653	1-165-722-11	ELECT	100uF	20%	10V	C810	1-127-888-11	CERAMIC	0.1uF	10%	50V
C654	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C811	1-127-888-11	CERAMIC	0.1uF	10%	50V

MAIN

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark
C822	1-126-947-11	ELECT	47uF	20%	35V	D710	8-719-991-33	DIODE 1SS133T-77	
C830	1-127-888-11	CERAMIC	0.1uF	10%	50V	D721	8-719-991-33	DIODE 1SS133T-77	
C831	1-127-888-11	CERAMIC	0.1uF	10%	50V	D722	8-719-991-33	DIODE 1SS133T-77	
C832	1-126-936-11	ELECT	3300uF	20%	16V	D732	8-719-991-33	DIODE 1SS133T-77	
CC01	1-162-282-31	CERAMIC	100PF	10%	50V	D740	8-719-991-33	DIODE 1SS133T-77	
CC02	1-162-282-31	CERAMIC	100PF	10%	50V	D750	8-719-991-33	DIODE 1SS133T-77	
CC04	1-162-282-31	CERAMIC	100PF	10%	50V	D765	8-719-991-33	DIODE 1SS133T-77	
CC05	1-162-282-31	CERAMIC	100PF	10%	50V	D791	8-719-991-33	DIODE 1SS133T-77	
CC06	1-162-282-31	CERAMIC	100PF	10%	50V	D801	8-719-933-95	DIODE HZS20-1L	
CC07	1-162-282-31	CERAMIC	100PF	10%	50V	D802	8-719-072-05	DIODE RBV-602LF-A	
CC08	1-162-282-31	CERAMIC	100PF	10%	50V	D804	8-719-068-28	DIODE HZ6.8BP-TK	
CC09	1-162-282-31	CERAMIC	100PF	10%	50V	D805	6-500-522-11	DIODE 10EDB40-TA2B5	
CC11	1-127-876-11	CERAMIC	0.01uF	10%	50V	D806	6-500-522-11	DIODE 10EDB40-TA2B5	
CC13	1-127-876-11	CERAMIC	0.01uF	10%	50V	D807	6-500-522-11	DIODE 10EDB40-TA2B5	
CC15	1-127-876-11	CERAMIC	0.01uF	10%	50V	D808	6-500-522-11	DIODE 10EDB40-TA2B5	
CC17	1-127-876-11	CERAMIC	0.01uF	10%	50V	D896	8-719-043-76	DIODE AK04V0	
CC31	1-162-286-31	CERAMIC	220PF	10%	50V			< IC >	
CC32	1-162-286-31	CERAMIC	220PF	10%	50V	IC401	6-707-362-01	IC BD3451KS	
CC33	1-162-286-31	CERAMIC	220PF	10%	50V	IC402	8-759-167-88	IC NJM4565D	
CC34	1-162-286-31	CERAMIC	220PF	10%	50V	IC501	6-700-943-01	IC uPC2581V-S	
CC35	1-162-286-31	CERAMIC	220PF	10%	50V	IC601	6-700-943-01	IC uPC2581V-S	
CC36	1-162-286-31	CERAMIC	220PF	10%	50V	IC691	8-759-167-88	IC NJM4565D	
CC51	1-162-282-31	CERAMIC	100PF	10%	50V	IC701	6-700-943-01	IC uPC2581V-S	
CC52	1-162-282-31	CERAMIC	100PF	10%	50V	IC801	8-759-071-48	IC TA7807S	
CC54	1-162-282-31	CERAMIC	100PF	10%	50V	IC802	8-759-071-47	IC TA79007S	
CC55	1-162-282-31	CERAMIC	100PF	10%	50V			< JACK >	
CC56	1-162-282-31	CERAMIC	100PF	10%	50V	J309	1-770-377-21	JACK, PIN 1P (PRE OUT SUB WOOFER)	
CC57	1-162-282-31	CERAMIC	100PF	10%	50V	J310	1-815-045-11	JACK, PIN 2P (PRE OUT SURROUND)	
CC58	1-162-282-31	CERAMIC	100PF	10%	50V	J400	1-774-411-11	JACK, PIN 6P (MD/TAPE OUT,SA-CD/CD IN, AUX IN)	
CC59	1-162-282-31	CERAMIC	100PF	10%	50V	J401	1-793-775-12	JACK, PIN 6P (MULTI CH IN CENTER,SUB WOOFER,SURROUND,FRONT)	
< CONNECTOR >						J403	1-770-614-11	JACK, PIN 4P (DVD AUDIO IN,MD/TAPE IN)	
CNP500	1-766-715-21	CONNECTOR, BOARD TO BOARD 10P				J404	1-774-411-11	JACK, PIN 6P (VIDEO 1 AUDIO IN/OUT, VIDEO 2 AUDIO IN)	
CNP501	1-573-847-11	CONNECTOR, BOARD TO BOARD 15P						< COIL >	
CNP503	1-779-978-11	PIN, CONNECTOR 3P				L601	1-420-872-52	COIL, AIR-CORE	
* CNP801	1-564-104-00	PIN, CONNECTOR (3.96mm PITCH) 3P				L651	1-420-872-52	COIL, AIR-CORE	
CNP802	1-691-767-11	PLUG (MICRO CONNECTOR) 5P				L701	1-420-872-52	COIL, AIR-CORE	
CNP806	1-779-978-11	PIN, CONNECTOR 3P				L751	1-420-872-52	COIL, AIR-CORE	
CNP911	1-779-977-11	PIN, CONNECTOR 6P						< TRANSISTOR >	
CNP912	1-691-766-11	PLUG (MICRO CONNECTOR) 4P				Q501	8-729-119-76	TRANSISTOR 2SA1175-HFE	
CNP913	1-784-922-11	PIN, CONNECTOR 5P				Q502	8-729-141-30	TRANSISTOR 2SC3623A-LK	
< DIODE >						Q505	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
D505	8-719-991-33	DIODE 1SS133T-77				Q506	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
D540	8-719-991-33	DIODE 1SS133T-77				Q535	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
D560	8-719-991-33	DIODE 1SS133T-77				Q536	8-729-042-09	TRANSISTOR 2SA1038S-RSE-TP	
D580	8-719-991-33	DIODE 1SS133T-77				Q540	8-729-281-53	TRANSISTOR 2SC1815-GR	
D585	8-719-991-33	DIODE 1SS133T-77				Q560	8-729-119-78	TRANSISTOR 2SC2785-HFE	
D605	8-719-991-33	DIODE 1SS133T-77				Q571	8-729-119-76	TRANSISTOR 2SA1175-HFE	
D610	8-719-991-33	DIODE 1SS133T-77				Q572	8-729-141-30	TRANSISTOR 2SC3623A-LK	
D640	8-719-991-33	DIODE 1SS133T-77				Q580	8-729-281-53	TRANSISTOR 2SC1815-GR	
D665	8-719-991-33	DIODE 1SS133T-77				Q601	8-729-119-76	TRANSISTOR 2SA1175-HFE	
D680	8-719-991-33	DIODE 1SS133T-77				Q602	8-729-141-30	TRANSISTOR 2SC3623A-LK	
D690	8-719-934-21	DIODE HZS30-1L							
D691	8-719-991-33	DIODE 1SS133T-77							
D692	8-719-991-33	DIODE 1SS133T-77							
D693	8-719-986-54	DIODE HZS24-1LTA							
D705	8-719-991-33	DIODE 1SS133T-77							

Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description	Remark			
Q605	8-729-042-09	TRANSISTOR	2SA1038S-RSE-TP				R456	1-247-831-11	CARBON	1K	5%	1/4W	
Q606	8-729-042-09	TRANSISTOR	2SA1038S-RSE-TP				R457	1-247-831-11	CARBON	1K	5%	1/4W	
Q610	8-729-119-78	TRANSISTOR	2SC2785-HFE				R458	1-247-831-11	CARBON	1K	5%	1/4W	
Q640	8-729-281-53	TRANSISTOR	2SC1815-GR				R459	1-247-831-11	CARBON	1K	5%	1/4W	
Q651	8-729-119-76	TRANSISTOR	2SA1175-HFE				R468	1-247-879-11	CARBON	100K	5%	1/4W	
Q652	8-729-141-30	TRANSISTOR	2SC3623A-LK				R469	1-247-831-11	CARBON	1K	5%	1/4W	
Q655	8-729-042-09	TRANSISTOR	2SA1038S-RSE-TP				R470	1-247-871-11	CARBON	47K	5%	1/4W	
Q656	8-729-042-09	TRANSISTOR	2SA1038S-RSE-TP				R473	1-249-429-11	CARBON	10K	5%	1/4W	
Q680	8-729-281-53	TRANSISTOR	2SC1815-GR				R474	1-249-429-11	CARBON	10K	5%	1/4W	
Q691	8-729-281-53	TRANSISTOR	2SC1815-GR				R475	1-249-429-11	CARBON	10K	5%	1/4W	
Q692	8-729-029-40	TRANSISTOR	DTA124ESA				R476	1-249-429-11	CARBON	10K	5%	1/4W	
Q693	8-729-281-53	TRANSISTOR	2SC1815-GR				R480	1-247-871-11	CARBON	47K	5%	1/4W	
Q694	8-729-281-53	TRANSISTOR	2SC1815-GR				R499	1-247-871-11	CARBON	47K	5%	1/4W	
Q695	8-729-119-76	TRANSISTOR	2SA1175-HFE				R501	1-247-831-11	CARBON	1K	5%	1/4W	
Q701	8-729-119-76	TRANSISTOR	2SA1175-HFE				R502	1-249-439-11	CARBON	68K	5%	1/4W	
Q702	8-729-141-30	TRANSISTOR	2SC3623A-LK				R503	1-249-421-11	CARBON	2.2K	5%	1/4W	
Q705	8-729-042-09	TRANSISTOR	2SA1038S-RSE-TP				R505	1-249-439-11	CARBON	68K	5%	1/4W	
Q706	8-729-042-09	TRANSISTOR	2SA1038S-RSE-TP				R510	1-249-421-11	CARBON	2.2K	5%	1/4W	
Q710	8-729-119-78	TRANSISTOR	2SC2785-HFE				R511	1-249-440-11	CARBON	82K	5%	1/4W	
Q722	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA				R513	1-249-414-11	CARBON	560	5%	1/4W	
Q723	8-729-119-78	TRANSISTOR	2SC2785-HFE				R514	1-249-399-11	CARBON	33	5%	1/4W	F
Q725	8-729-042-09	TRANSISTOR	2SA1038S-RSE-TP				R515	1-249-399-11	CARBON	33	5%	1/4W	F
Q740	8-729-281-53	TRANSISTOR	2SC1815-GR				R516	1-234-182-11	ENCAPSULATED COMPONENT	0.22X2	5W		
Q750	8-729-281-53	TRANSISTOR	2SC1815-GR				R517	1-249-393-11	CARBON	10	5%	1/4W	F
Q751	8-729-119-76	TRANSISTOR	2SA1175-HFE				R520	1-247-847-11	CARBON	4.7K	5%	1/4W	
Q752	8-729-141-30	TRANSISTOR	2SC3623A-LK				R521	1-240-855-81	CARBON	6.2K	5%	1/4W	F
Q755	8-729-042-09	TRANSISTOR	2SA1038S-RSE-TP				R522	1-249-419-11	CARBON	1.5K	5%	1/4W	
Q756	8-729-042-09	TRANSISTOR	2SA1038S-RSE-TP				R523	1-247-871-11	CARBON	47K	5%	1/4W	
Q790	8-729-119-78	TRANSISTOR	2SC2785-HFE				R524	1-249-431-11	CARBON	15K	5%	1/4W	
Q793	8-729-119-78	TRANSISTOR	2SC2785-HFE				R525	1-249-439-11	CARBON	68K	5%	1/4W	
Q795	8-729-042-09	TRANSISTOR	2SA1038S-RSE-TP				R526	1-234-182-11	ENCAPSULATED COMPONENT	0.22X2	5W		
Q801	8-729-140-97	TRANSISTOR	2SB734-34				R530	1-247-847-11	CARBON	4.7K	5%	1/4W	
< RESISTOR >							R531	1-240-855-81	CARBON	6.2K	5%	1/4W	F
R310	1-249-431-11	CARBON	15K	5%	1/4W		R532	1-249-429-11	CARBON	10K	5%	1/4W	
R311	1-249-414-11	CARBON	560	5%	1/4W		R533	1-247-871-11	CARBON	47K	5%	1/4W	
R320	1-249-431-11	CARBON	15K	5%	1/4W		R534	1-249-431-11	CARBON	15K	5%	1/4W	
R321	1-249-414-11	CARBON	560	5%	1/4W		R535	1-249-439-11	CARBON	68K	5%	1/4W	
R401	1-247-831-11	CARBON	1K	5%	1/4W		R537	1-249-393-11	CARBON	10	5%	1/4W	F
R402	1-247-831-11	CARBON	1K	5%	1/4W		R540	1-247-863-11	CARBON	22K	5%	1/4W	
R404	1-247-831-11	CARBON	1K	5%	1/4W		R546	1-249-431-11	CARBON	15K	5%	1/4W	
R405	1-247-831-11	CARBON	1K	5%	1/4W		R553	1-249-421-11	CARBON	2.2K	5%	1/4W	
R406	1-247-831-11	CARBON	1K	5%	1/4W		R554	1-249-439-11	CARBON	68K	5%	1/4W	
R407	1-247-831-11	CARBON	1K	5%	1/4W		R555	1-247-847-11	CARBON	4.7K	5%	1/4W	
R408	1-247-831-11	CARBON	1K	5%	1/4W		R556	1-247-871-11	CARBON	47K	5%	1/4W	
R409	1-247-831-11	CARBON	1K	5%	1/4W		R557	1-249-431-11	CARBON	15K	5%	1/4W	
R428	1-247-831-11	CARBON	1K	5%	1/4W		R561	1-247-831-11	CARBON	1K	5%	1/4W	
R429	1-247-831-11	CARBON	1K	5%	1/4W		R562	1-249-439-11	CARBON	68K	5%	1/4W	
R431	1-247-831-11	CARBON	1K	5%	1/4W		R570	1-249-421-11	CARBON	2.2K	5%	1/4W	
R432	1-247-831-11	CARBON	1K	5%	1/4W		R571	1-249-440-11	CARBON	82K	5%	1/4W	
R433	1-247-831-11	CARBON	1K	5%	1/4W		R572	1-249-419-11	CARBON	1.5K	5%	1/4W	
R434	1-247-831-11	CARBON	1K	5%	1/4W		R573	1-247-871-11	CARBON	47K	5%	1/4W	
R435	1-247-831-11	CARBON	1K	5%	1/4W		R574	1-249-399-11	CARBON	33	5%	1/4W	F
R436	1-247-831-11	CARBON	1K	5%	1/4W		R575	1-249-399-11	CARBON	33	5%	1/4W	F
R451	1-247-831-11	CARBON	1K	5%	1/4W		R576	1-249-414-11	CARBON	560	5%	1/4W	
R452	1-247-831-11	CARBON	1K	5%	1/4W		R580	1-247-863-11	CARBON	22K	5%	1/4W	
R454	1-247-831-11	CARBON	1K	5%	1/4W		R585	1-247-847-11	CARBON	4.7K	5%	1/4W	
R455	1-247-831-11	CARBON	1K	5%	1/4W		R586	1-247-871-11	CARBON	47K	5%	1/4W	
							R587	1-249-431-11	CARBON	15K	5%	1/4W	

STR-DG700

MAIN

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
R588	1-249-431-11	CARBON	15K	5%	1/4W	R698	1-249-429-11	CARBON	10K	5%	1/4W
R601	1-247-831-11	CARBON	1K	5%	1/4W	R699	1-247-895-00	CARBON	470K	5%	1/4W
R602	1-249-439-11	CARBON	68K	5%	1/4W	R700	1-249-429-11	CARBON	10K	5%	1/4W
R603	1-249-421-11	CARBON	2.2K	5%	1/4W	R701	1-247-831-11	CARBON	1K	5%	1/4W
R604	1-249-439-11	CARBON	68K	5%	1/4W	R702	1-249-439-11	CARBON	68K	5%	1/4W
R610	1-249-421-11	CARBON	2.2K	5%	1/4W	R703	1-249-421-11	CARBON	2.2K	5%	1/4W
R611	1-249-440-11	CARBON	82K	5%	1/4W	R704	1-249-439-11	CARBON	68K	5%	1/4W
R613	1-249-414-11	CARBON	560	5%	1/4W	R705	1-247-895-00	CARBON	470K	5%	1/4W
R614	1-249-399-11	CARBON	33	5%	1/4W	△ R706	1-215-888-00	METAL OXIDE	220	5%	2W
R615	1-249-399-11	CARBON	33	5%	1/4W	R710	1-249-421-11	CARBON	2.2K	5%	1/4W
R616	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W				R711	1-249-440-11	CARBON	82K	5%	1/4W
R617	1-249-393-11	CARBON	10	5%	1/4W	R713	1-249-414-11	CARBON	560	5%	1/4W
R618	1-249-389-11	CARBON	4.7	5%	1/4W	R714	1-249-399-11	CARBON	33	5%	1/4W
R620	1-247-847-11	CARBON	4.7K	5%	1/4W	R715	1-249-399-11	CARBON	33	5%	1/4W
R621	1-240-855-81	CARBON	6.2K	5%	1/4W	R716	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W			
R622	1-249-419-11	CARBON	1.5K	5%	1/4W	R717	1-249-393-11	CARBON	10	5%	1/4W
R623	1-247-871-11	CARBON	47K	5%	1/4W	R718	1-249-389-11	CARBON	4.7	5%	1/4W
R624	1-249-431-11	CARBON	15K	5%	1/4W	R719	1-247-847-11	CARBON	4.7K	5%	1/4W
R625	1-249-439-11	CARBON	68K	5%	1/4W	R721	1-240-855-81	CARBON	6.2K	5%	1/4W
R631	1-249-421-11	CARBON	2.2K	5%	1/4W	R722	1-249-419-11	CARBON	1.5K	5%	1/4W
R634	1-249-404-00	CARBON	82	5%	1/4W	R723	1-247-871-11	CARBON	47K	5%	1/4W
R638	1-249-439-11	CARBON	68K	5%	1/4W	R724	1-249-431-11	CARBON	15K	5%	1/4W
R640	1-247-863-11	CARBON	22K	5%	1/4W	R725	1-249-439-11	CARBON	68K	5%	1/4W
R648	1-249-431-11	CARBON	15K	5%	1/4W	R731	1-249-421-11	CARBON	2.2K	5%	1/4W
R651	1-247-831-11	CARBON	1K	5%	1/4W	R732	1-249-381-11	CARBON	1	5%	1/4W
R652	1-249-439-11	CARBON	68K	5%	1/4W	R733	1-249-381-11	CARBON	1	5%	1/4W
R653	1-249-421-11	CARBON	2.2K	5%	1/4W	R734	1-249-404-00	CARBON	82	5%	1/4W
R654	1-249-439-11	CARBON	68K	5%	1/4W	R735	1-249-427-11	CARBON	6.8K	5%	1/4W
R655	1-247-847-11	CARBON	4.7K	5%	1/4W	R736	1-247-831-11	CARBON	1K	5%	1/4W
R656	1-247-871-11	CARBON	47K	5%	1/4W	R737	1-249-436-11	CARBON	39K	5%	1/4W
R657	1-249-431-11	CARBON	15K	5%	1/4W	R740	1-247-863-11	CARBON	22K	5%	1/4W
R660	1-249-421-11	CARBON	2.2K	5%	1/4W	R741	1-249-431-11	CARBON	15K	5%	1/4W
R661	1-249-440-11	CARBON	82K	5%	1/4W	R743	1-249-431-11	CARBON	15K	5%	1/4W
R663	1-249-414-11	CARBON	560	5%	1/4W	R744	1-249-431-11	CARBON	15K	5%	1/4W
R664	1-249-399-11	CARBON	33	5%	1/4W	R745	1-247-847-11	CARBON	4.7K	5%	1/4W
R665	1-249-399-11	CARBON	33	5%	1/4W	R746	1-247-871-11	CARBON	47K	5%	1/4W
R666	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W				R747	1-249-431-11	CARBON	15K	5%	1/4W
R667	1-249-393-11	CARBON	10	5%	1/4W	R748	1-249-431-11	CARBON	15K	5%	1/4W
R668	1-249-389-11	CARBON	4.7	5%	1/4W	R750	1-247-863-11	CARBON	22K	5%	1/4W
R669	1-247-847-11	CARBON	4.7K	5%	1/4W	R751	1-247-831-11	CARBON	1K	5%	1/4W
R671	1-240-855-81	CARBON	6.2K	5%	1/4W	R752	1-249-439-11	CARBON	68K	5%	1/4W
R672	1-249-419-11	CARBON	1.5K	5%	1/4W	R753	1-249-421-11	CARBON	2.2K	5%	1/4W
R673	1-247-871-11	CARBON	47K	5%	1/4W	R754	1-249-439-11	CARBON	68K	5%	1/4W
R674	1-249-431-11	CARBON	15K	5%	1/4W	R755	1-247-847-11	CARBON	4.7K	5%	1/4W
R675	1-247-847-11	CARBON	4.7K	5%	1/4W	R756	1-247-871-11	CARBON	47K	5%	1/4W
R676	1-247-871-11	CARBON	47K	5%	1/4W	R757	1-249-431-11	CARBON	15K	5%	1/4W
R677	1-249-431-11	CARBON	15K	5%	1/4W	R758	1-249-431-11	CARBON	15K	5%	1/4W
R680	1-247-863-11	CARBON	22K	5%	1/4W	R760	1-249-421-11	CARBON	2.2K	5%	1/4W
R681	1-249-431-11	CARBON	15K	5%	1/4W	R761	1-249-440-11	CARBON	82K	5%	1/4W
R689	1-249-429-11	CARBON	10K	5%	1/4W	R763	1-249-414-11	CARBON	560	5%	1/4W
R690	1-247-887-00	CARBON	220K	5%	1/4W	R764	1-249-399-11	CARBON	33	5%	1/4W
△ R691	1-215-888-00	METAL OXIDE	220	5%	2W	R765	1-249-399-11	CARBON	33	5%	1/4W
△ R692	1-215-889-00	METAL OXIDE	330	5%	2W	R766	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W			
R693	1-249-429-11	CARBON	10K	5%	1/4W	R767	1-249-393-11	CARBON	10	5%	1/4W
R694	1-249-429-11	CARBON	10K	5%	1/4W	R768	1-249-389-11	CARBON	4.7	5%	1/4W
R695	1-249-429-11	CARBON	10K	5%	1/4W	R769	1-247-847-11	CARBON	4.7K	5%	1/4W
R696	1-247-871-11	CARBON	47K	5%	1/4W	R771	1-240-855-81	CARBON	6.2K	5%	1/4W
R697	1-247-871-11	CARBON	47K	5%	1/4W	R772	1-249-419-11	CARBON	1.5K	5%	1/4W

MAIN

OPT3

POWER

REGULATOR

SPEAKER B

SPEAKER C/SB

Ref. No.	Part No.	Description			Remark
R773	1-247-871-11	CARBON	47K	5%	1/4W
R775	1-249-439-11	CARBON	68K	5%	1/4W
R778	1-249-431-11	CARBON	15K	5%	1/4W
R780	1-249-429-11	CARBON	10K	5%	1/4W
R791	1-249-421-11	CARBON	2.2K	5%	1/4W
△R792	1-215-868-00	METAL OXIDE	680	5%	1W F
R793	1-249-404-00	CARBON	82	5%	1/4W F
△R794	1-215-868-00	METAL OXIDE	680	5%	1W F
R802	1-249-409-11	CARBON	220	5%	1/4W F
R803	1-249-389-11	CARBON	4.7	5%	1/4W F
R804	1-249-429-11	CARBON	10K	5%	1/4W
R806	1-247-863-11	CARBON	22K	5%	1/4W
△R910	1-240-877-11	FUSIBLE	0.15	5%	1/2W F
RR11	1-249-393-11	CARBON	10	5%	1/4W F
RR12	1-249-393-11	CARBON	10	5%	1/4W F
RR13	1-249-393-11	CARBON	10	5%	1/4W F
RR14	1-249-393-11	CARBON	10	5%	1/4W F
< RELAY >					
RY560	1-755-267-11	RELAY			
RY601	1-755-170-11	RELAY (12V)			
RY701	1-755-170-11	RELAY (12V)			
RY791	1-755-170-11	RELAY (12V)			
< TERMINAL BOARD >					
TM601	1-780-364-11	TERMINAL BOARD (8P) (SPEAKERS SURROUND,FRONT A)			

OPT3 BOARD					

< CAPACITOR >					
C290	1-127-888-11	CERAMIC	0.1uF	10%	50V
< CONNECTOR >					
CN202	1-779-978-21	PIN, CONNECTOR 3P			
< IC >					
IC200	6-600-057-01	IC TORX141PL (VIDEO 3 IN/PORTABLE AV IN DIGITAL(OPT))			
< COIL >					
L290	1-410-517-11	INDUCTOR	47uH		
< RESISTOR >					
R290	1-247-807-31	CARBON	100	5%	1/4W

POWER BOARD					

< RESISTOR >					
R114	1-247-831-11	CARBON	1K	5%	1/4W
< SWITCH >					
S100	1-771-410-21	SWITCH, TACTILE (I/⏻)			

Ref. No.	Part No.	Description			Remark
S115	1-771-410-21	SWITCH, TACTILE (SPEAKERS (OFF/A/B/A+B))			

REGULATOR BOARD					

< CAPACITOR >					
C2335	1-126-947-11	ELECT	47uF	20%	35V
C2336	1-126-947-11	ELECT	47uF	20%	35V
C2337	1-137-194-81	FILM	0.47uF	5%	50V
C2338	1-137-194-81	FILM	0.47uF	5%	50V
< CONNECTOR >					
CN3013	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			

SPEAKER B BOARD					

< CAPACITOR >					
CC20	1-127-876-11	CERAMIC	0.01uF	10%	50V
CC21	1-127-876-11	CERAMIC	0.01uF	10%	50V
< CONNECTOR >					
CNP600	1-785-103-11	PIN, CONNECTOR (3.96mm PITCH) 5P			
CNP601	1-784-921-11	PIN, CONNECTOR 4P			
* CNP807	1-564-242-00	PIN, CONNECTOR (3.96mm PITCH) 5P			
< DIODE >					
D800	8-719-991-33	DIODE 1SS133T-77			
D818	8-719-991-33	DIODE 1SS133T-77			
< TRANSISTOR >					
Q800	8-729-119-78	TRANSISTOR 2SC2785-HFE			
Q809	8-729-119-78	TRANSISTOR 2SC2785-HFE			
< RESISTOR >					
R800	1-249-404-00	CARBON	82	5%	1/4W F
R812	1-249-421-11	CARBON	2.2K	5%	1/4W
R824	1-249-421-11	CARBON	2.2K	5%	1/4W
R831	1-249-404-00	CARBON	82	5%	1/4W F
RR20	1-249-393-11	CARBON	10	5%	1/4W F
RR21	1-249-393-11	CARBON	10	5%	1/4W F
< RELAY >					
RY600	1-755-170-11	RELAY (12V)			
RY801	1-755-013-11	RELAY			
< TERMINAL BOARD >					
TM600	1-780-215-11	TERMINAL BOARD (4P) (SPEAKERS FRONT B)			

SPEAKER C/SB BOARD					

< CAPACITOR >					
CC16	1-127-876-11	CERAMIC	0.01uF	10%	50V
CC17	1-127-876-11	CERAMIC	0.01uF	10%	50V

STR-DG700

SPEAKER C/SB

STANDBY

S-VIDEO

Ref. No.	Part No.	Description	Remark			
< CONNECTOR >						
* CNP503	1-564-241-11	PIN, CONNECTOR (3.96mm PITCH) 4P				
< DIODE >						
D510	8-719-991-33	DIODE 1SS133T-77				
< COIL >						
L571	1-420-872-52	COIL, AIR-CORE				
L751	1-420-872-52	COIL, AIR-CORE				
< TRANSISTOR >						
Q550	8-729-119-78	TRANSISTOR 2SC2785-HFE				
< RESISTOR >						
R531	1-249-421-11	CARBON	2.2K	5%	1/4W	
R534	1-249-404-00	CARBON	82	5%	1/4W	F
R578	1-249-389-11	CARBON	4.7	5%	1/4W	F
R751	1-249-389-11	CARBON	4.7	5%	1/4W	F
RR16	1-249-393-11	CARBON	10	5%	1/4W	F
RR17	1-249-393-11	CARBON	10	5%	1/4W	F
< RELAY >						
RY501	1-755-170-11	RELAY (12V)				
< TERMINAL BOARD >						
TM501	1-780-365-11	TERMINAL BOARD (4P) (SPEAKERS CENTER,SURROUND BACK)				

STANDBY BOARD						

	1-533-217-41	HOLDER, FUSE				
< CAPACITOR >						
C913	1-127-888-11	CERAMIC	0.1uF	10%	50V	
C914	1-127-888-11	CERAMIC	0.1uF	10%	50V	
C915	1-126-943-11	ELECT	2200uF	20%	25V	
C916	1-126-942-61	ELECT	1000uF	20%	25V	
C920	1-127-888-11	CERAMIC	0.1uF	10%	50V	
C921	1-127-888-11	CERAMIC	0.1uF	10%	50V	
C924	1-126-960-11	ELECT	1uF	20%	50V	
C950	1-126-936-11	ELECT	3300uF	20%	16V	
< CONNECTOR >						
CNP801	1-784-922-11	PIN, CONNECTOR 5P				
CNP804	1-564-506-11	PLUG, CONNECTOR 3P				
CNP901	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P				
CNP902	1-794-577-21	PIN, CONNECTOR (POWER) 2P				
CNP903	1-779-977-11	PIN, CONNECTOR 6P				
< DIODE >						
D901	8-719-991-33	DIODE 1SS133T-77				
D910	6-500-522-11	DIODE 10EDB40-TA2B5				
D911	6-500-522-11	DIODE 10EDB40-TA2B5				
D912	6-500-522-11	DIODE 10EDB40-TA2B5				
D913	6-500-522-11	DIODE 10EDB40-TA2B5				

Ref. No.	Part No.	Description	Remark			
D914	8-719-991-33	DIODE 1SS133T-77				
D915	8-719-991-33	DIODE 1SS133T-77				
D920	6-500-522-11	DIODE 10EDB40-TA2B5				
D921	6-500-522-11	DIODE 10EDB40-TA2B5				
D922	6-500-522-11	DIODE 10EDB40-TA2B5				
D923	6-500-522-11	DIODE 10EDB40-TA2B5				
< GROUND TERMINAL >						
G901	1-537-738-21	TERMINAL, GROUND				
< AC OUTLET >						
△ J911	1-251-417-11	OUTLET, A.C. (AC OUTLET) (AUS)				
△ J911	1-785-285-11	OUTLET, AC (1P) (AC OUTLET) (AEP,UK)				
< TRANSISTOR >						
Q901	8-729-119-78	TRANSISTOR 2SC2785-HFE				
Q921	8-729-119-78	TRANSISTOR 2SC2785-HFE				
< RESISTOR >						
△ R810	1-243-634-11	FUSIBLE	0.22	5%	1/2W	F
△ R811	1-243-634-11	FUSIBLE	0.22	5%	1/2W	F
R902	1-247-871-11	CARBON	47K	5%	1/4W	
R903	1-249-421-11	CARBON	2.2K	5%	1/4W	
R904	1-249-381-11	CARBON	1	5%	1/4W	F
R921	1-247-871-11	CARBON	47K	5%	1/4W	
R922	1-247-863-11	CARBON	22K	5%	1/4W	
R923	1-249-429-11	CARBON	10K	5%	1/4W	
< RELAY >						
△ RY901	1-755-541-11	RELAY				
< TRANSFORMER >						
△ T902	1-443-517-11	TRANSFORMER, POWER (SUB)				

S-VIDEO BOARD						

< CAPACITOR >						
C2107	1-162-215-31	CERAMIC	47PF	5%	50V	
C2108	1-162-215-31	CERAMIC	47PF	5%	50V	
C2109	1-126-964-11	ELECT	10uF	20%	50V	
C2110	1-127-888-11	CERAMIC	0.1uF	10%	50V	
C2111	1-126-964-11	ELECT	10uF	20%	50V	
C2112	1-127-888-11	CERAMIC	0.1uF	10%	50V	
C2114	1-127-888-11	CERAMIC	0.1uF	10%	50V	
C2115	1-162-215-31	CERAMIC	47PF	5%	50V	
C2116	1-162-215-31	CERAMIC	47PF	5%	50V	
C2117	1-126-964-11	ELECT	10uF	20%	50V	
C2118	1-127-888-11	CERAMIC	0.1uF	10%	50V	
C2120	1-127-888-11	CERAMIC	0.1uF	10%	50V	
C2121	1-126-947-11	ELECT	47uF	20%	35V	
C2124	1-126-947-11	ELECT	47uF	20%	35V	
C2125	1-127-888-11	CERAMIC	0.1uF	10%	50V	
C2127	1-127-888-11	CERAMIC	0.1uF	10%	50V	

Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description	Remark			
< CONNECTOR >							C3336	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
CNP2101	1-564-705-11	PIN, CONNECTOR (SMALL TYPE) 3P					C3404	1-126-964-11	ELECT	10uF	20%	50V	
							C3406	1-126-964-11	ELECT	10uF	20%	50V	
							C3408	1-126-964-11	ELECT	10uF	20%	50V	
							C3410	1-162-923-11	CERAMIC CHIP	47PF	5%	50V	
< DIODE >							C3431	1-126-947-11	ELECT	47uF	20%	35V	
D2102	8-719-991-33	DIODE 1SS133T-77					C3432	1-126-947-11	ELECT	47uF	20%	35V	
D2103	8-719-991-33	DIODE 1SS133T-77					C3433	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
< IC >							C3434	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	
							C3435	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	
IC2101	6-701-890-01	IC NJM2595D					C3436	1-126-964-11	ELECT	10uF	20%	50V	
IC2102	6-701-890-01	IC NJM2595D					C3438	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
< CONNECTOR >							C3439	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
J2104	1-537-943-11	CONNECTOR (DIN) 1P (MONITOR S-VIDEO OUT)					C3440	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
							C3441	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
							C3442	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	
							C3521	1-126-964-11	ELECT	10uF	20%	50V	
J2105	1-794-937-11	CONNECTOR (DIN) 2P (DVD S-VIDEO IN, VIDEO 2 S-VIDEO IN)					C3522	1-126-964-11	ELECT	10uF	20%	50V	
J2106	1-794-937-11	CONNECTOR (DIN) 2P (VIDEO 1 S-VIDEO OUT/IN)					C3523	1-126-964-11	ELECT	10uF	20%	50V	
							C3601	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
							C3602	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
< RESISTOR >							C3603	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
R2103	1-215-394-00	METAL	75	1%	1/4W	C3604	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V		
R2104	1-215-394-00	METAL	75	1%	1/4W	C3605	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		
R2105	1-215-394-00	METAL	75	1%	1/4W	C3606	1-126-964-11	ELECT	10uF	20%	50V		
R2106	1-215-394-00	METAL	75	1%	1/4W	C3607	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		
R2107	1-215-394-00	METAL	75	1%	1/4W	C3608	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		
R2108	1-215-394-00	METAL	75	1%	1/4W	C3609	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		
R2109	1-215-394-00	METAL	75	1%	1/4W	C3610	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		
R2110	1-215-394-00	METAL	75	1%	1/4W	C3611	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		
R2111	1-215-394-00	METAL	75	1%	1/4W	C3612	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		
R2112	1-215-394-00	METAL	75	1%	1/4W	C3613	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		
R2116	1-215-394-00	METAL	75	1%	1/4W	C3614	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		
						C3615	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		
						C3616	1-126-933-11	ELECT	100uF	20%	16V		
						C3617	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		
*****							C3618	1-126-933-11	ELECT	100uF	20%	16V	
A-1181-229-A	VIDEO BOARD, COMPLETE						C3619	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
*****							C3620	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3						C3621	1-162-917-11	CERAMIC CHIP	15PF	5%	50V	
< CAPACITOR >							C3622	1-126-964-11	ELECT	10uF	20%	50V	
C2335	1-126-947-11	ELECT	47uF	20%	35V	C3623	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		
C2336	1-126-947-11	ELECT	47uF	20%	35V	C3624	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		
C2337	1-100-385-11	CERAMIC CHIP	0.47uF		25V	C3631	1-162-917-11	CERAMIC CHIP	15PF	5%	50V		
C2338	1-100-385-11	CERAMIC CHIP	0.47uF		25V	C3632	1-136-153-00	MYLAR	0.01uF	5%	50V		
C2339	1-126-947-11	ELECT	47uF	20%	35V	C3634	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		
C2340	1-100-385-11	CERAMIC CHIP	0.47uF		25V	C3641	1-126-964-11	ELECT	10uF	20%	50V		
C3141	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C3645	1-126-947-11	ELECT	47uF	20%	35V		
C3275	1-126-964-11	ELECT	10uF	20%	50V	C3646	1-126-947-11	ELECT	47uF	20%	35V		
C3276	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V	C3647	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V		
C3277	1-126-916-11	ELECT	1000uF	20%	6.3V	C3648	1-164-160-11	CERAMIC CHIP	20PF	5%	50V		
C3278	1-126-933-11	ELECT	100uF	20%	16V	C3649	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V		
C3279	1-126-962-11	ELECT	3.3uF	20%	50V	C3651	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V		
C3323	1-126-964-11	ELECT	10uF	20%	50V	C3652	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V		
C3324	1-126-964-11	ELECT	10uF	20%	50V	C3653	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V		
C3325	1-126-964-11	ELECT	10uF	20%	50V	C3671	1-126-964-11	ELECT	10uF	20%	50V		
C3332	1-126-947-11	ELECT	47uF	20%	35V	C3672	1-126-964-11	ELECT	10uF	20%	50V		
C3334	1-126-947-11	ELECT	47uF	20%	35V	C3673	1-126-964-11	ELECT	10uF	20%	50V		
C3335	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V								

VIDEO

Ref. No.	Part No.	Description			Remark
C3674	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3675	1-126-947-11	ELECT	47uF	20%	35V
C3676	1-126-947-11	ELECT	47uF	20%	35V
C3677	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3678	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3679	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3701	1-126-960-11	ELECT	1uF	20%	50V
C3702	1-126-960-11	ELECT	1uF	20%	50V
C3703	1-136-165-00	FILM	0.1uF	5%	50V
C3704	1-136-165-00	FILM	0.1uF	5%	50V
C3705	1-136-165-00	FILM	0.1uF	5%	50V
C3706	1-136-165-00	FILM	0.1uF	5%	50V
C3707	1-162-917-11	CERAMIC CHIP	15PF	5%	50V
C3708	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
C3709	1-126-959-11	ELECT	0.47uF	20%	50V
C3710	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C3711	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3712	1-126-947-11	ELECT	47uF	20%	35V
C3713	1-126-959-11	ELECT	0.47uF	20%	50V
C3714	1-126-960-11	ELECT	1uF	20%	50V
C3715	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C3716	1-136-165-00	MYLAR	0.1uF	5%	50V
C3717	1-126-959-11	ELECT	0.47uF	20%	50V
C3718	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3719	1-126-960-11	ELECT	1uF	20%	50V
C3720	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3723	1-126-964-11	ELECT	10uF	20%	50V
C3724	1-126-933-11	ELECT	100uF	20%	16V
C3725	1-126-947-11	ELECT	47uF	20%	35V
C3726	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3731	1-126-962-11	ELECT	3.3uF	20%	50V
C3732	1-126-933-11	ELECT	100uF	20%	16V
C3733	1-126-916-11	ELECT	1000uF	20%	6.3V
C3734	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3751	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3752	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C3753	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
< CONNECTOR >					
CN3002	1-784-921-11	PIN, CONNECTOR 4P			
CNS202	1-784-774-11	CONNECTOR, FFC 13P			
CNS509	1-568-838-11	CONNECTOR, FFC 21P			
< DIODE >					
D3253	8-719-016-74	DIODE 1SS352			
D3254	8-719-016-74	DIODE 1SS352			
D3301	8-719-016-74	DIODE 1SS352			
D3302	8-719-016-74	DIODE 1SS352			
D3431	8-719-016-74	DIODE 1SS352			
D3432	8-719-016-74	DIODE 1SS352			
D3671	8-719-016-74	DIODE 1SS352			
D3672	8-719-016-74	DIODE 1SS352			
D3673	8-719-016-74	DIODE 1SS352			
D3674	8-719-016-74	DIODE 1SS352			
D3675	8-719-016-74	DIODE 1SS352			
D3676	8-719-016-74	DIODE 1SS352			
D3721	8-719-016-74	DIODE 1SS352			
D3722	8-719-016-74	DIODE 1SS352			

Ref. No.	Part No.	Description	Remark
D3723	8-719-016-74	DIODE 1SS352	
D3731	8-719-016-74	DIODE 1SS352	
D3732	8-719-016-74	DIODE 1SS352	
D3733	8-719-016-74	DIODE 1SS352	
< FERRITE BEAD >			
FB3252	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3431	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3432	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3601	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3602	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3661	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3662	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3801	1-469-152-11	FERRITE, EMI (SMD) (2012)	
< LPF >			
FL3621	1-239-847-11	FILTER, LOW PASS	
FL3631	1-239-847-11	FILTER, LOW PASS	
< IC >			
IC3102	8-759-701-59	IC NJM78M09FA	
IC3103	8-759-231-53	IC TA7805S	
IC3104	8-759-245-79	IC TA79005S	
IC3141	8-759-491-47	IC TC74VHCT08AFT(EL)	
IC3253	8-759-822-05	IC LA7213	
IC3321	8-759-663-94	IC LA7106M-TLM	
IC3431	6-704-199-01	IC NJM2595M-TE2	
IC3601	8-752-386-17	IC CXD2064Q	
IC3651	8-759-300-71	IC HD14053BFP	
IC3671	8-759-663-94	IC LA7106M-TLM	
IC3701	8-752-109-74	IC CXA2199Q	
IC3721	8-759-565-20	IC TDA4665T/V5-118	
IC3731	8-759-822-05	IC LA7213	
IC3751	8-759-300-71	IC HD14053BFP	
< JACK >			
J3301	1-816-592-11	JACK, PIN 9P (COMPONENT VIDEO DVD IN (ASSIGNABLE), VIDEO 2 IN (ASSIGNABLE), MONITOR OUT)	
J3401	1-770-337-11	JACK, PIN 3P (VIDEO 1 VIDEO OUT/IN, MONITOR VIDEO OUT)	
J3402	1-518-043-11	JACK, PIN 2P (DVD VIDEO IN, VIDEO 2 VIDEO IN)	
< JUMPER RESISTOR >			
JR3401	1-216-864-11	SHORT CHIP	0
JR3402	1-216-864-11	SHORT CHIP	0
JR3403	1-216-296-11	SHORT CHIP	0
JW3601	1-216-864-11	SHORT CHIP	0
JW3603	1-216-864-11	SHORT CHIP	0
JW3605	1-216-864-11	SHORT CHIP	0
JW3608	1-216-864-11	SHORT CHIP	0
< TRANSISTOR >			
Q3252	1-801-806-11	TRANSISTOR DTC144EKA	
Q3301	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q3302	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q3304	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q3601	8-729-230-49	TRANSISTOR 2SC2712-YG	

Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description	Remark			
Q3604	8-729-230-49	TRANSISTOR	2SC2712-YG				R3605	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	
Q3621	8-729-216-22	TRANSISTOR	2SA1162-G				R3606	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
Q3622	8-729-230-49	TRANSISTOR	2SC2712-YG				R3607	1-218-857-11	METAL CHIP	2.7K	0.5%	1/10W	
Q3623	8-729-230-49	TRANSISTOR	2SC2712-YG				R3610	1-216-809-11	METAL CHIP	100	5%	1/10W	
Q3624	8-729-216-22	TRANSISTOR	2SA1162-G				R3611	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	
Q3631	8-729-216-22	TRANSISTOR	2SA1162-G				R3612	1-218-839-11	METAL CHIP	470	0.5%	1/10W	
Q3632	8-729-230-49	TRANSISTOR	2SC2712-YG				R3619	1-216-821-11	METAL CHIP	1K	5%	1/10W	
Q3633	8-729-230-49	TRANSISTOR	2SC2712-YG				R3621	1-218-827-11	METAL CHIP	150	0.5%	1/10W	
Q3647	8-729-216-22	TRANSISTOR	2SA1162-G				R3622	1-216-809-11	METAL CHIP	100	5%	1/10W	
Q3651	8-729-230-49	TRANSISTOR	2SC2712-YG				R3623	1-216-821-11	METAL CHIP	1K	5%	1/10W	
Q3652	8-729-230-49	TRANSISTOR	2SC2712-YG				R3624	1-218-289-11	METAL CHIP	510	5%	1/10W	
Q3653	8-729-230-49	TRANSISTOR	2SC2712-YG				R3625	1-216-830-11	METAL CHIP	5.6K	5%	1/10W	
Q3671	8-729-216-22	TRANSISTOR	2SA1162-G				R3626	1-216-839-11	METAL CHIP	33K	5%	1/10W	
Q3672	8-729-230-49	TRANSISTOR	2SC2712-YG				R3627	1-216-841-11	METAL CHIP	47K	5%	1/10W	
Q3673	8-729-216-22	TRANSISTOR	2SA1162-G				R3628	1-218-845-11	METAL CHIP	820	0.5%	1/10W	
Q3674	8-729-230-49	TRANSISTOR	2SC2712-YG				R3629	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	
Q3675	8-729-216-22	TRANSISTOR	2SA1162-G				R3631	1-218-829-11	METAL CHIP	180	0.5%	1/10W	
Q3676	8-729-230-49	TRANSISTOR	2SC2712-YG				R3632	1-216-809-11	METAL CHIP	100	5%	1/10W	
Q3677	8-729-027-43	TRANSISTOR	DTC114EKA-T146				R3633	1-216-821-11	METAL CHIP	1K	5%	1/10W	
Q3678	8-729-027-23	TRANSISTOR	DTA114EKA-T146				R3634	1-218-289-11	METAL CHIP	510	5%	1/10W	
Q3701	8-729-216-22	TRANSISTOR	2SA1162-G				R3635	1-216-830-11	METAL CHIP	5.6K	5%	1/10W	
Q3731	1-801-806-11	TRANSISTOR	DTC144EKA				R3636	1-216-839-11	METAL CHIP	33K	5%	1/10W	
< RESISTOR >							R3637	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R3275	1-216-825-11	METAL CHIP	2.2K	5%	1/10W		R3638	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	
R3276	1-216-829-11	METAL CHIP	4.7K	5%	1/10W		R3639	1-216-809-11	METAL CHIP	100	5%	1/10W	
R3277	1-216-847-11	METAL CHIP	150K	5%	1/10W		R3640	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	
R3278	1-216-815-11	METAL CHIP	330	5%	1/10W		R3641	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W	
R3301	1-211-990-11	METAL CHIP	75	0.5%	1/10W		R3642	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R3302	1-211-990-11	METAL CHIP	75	0.5%	1/10W		R3643	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R3303	1-211-990-11	METAL CHIP	75	0.5%	1/10W		R3644	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W	
R3304	1-216-825-11	METAL CHIP	2.2K	5%	1/10W		R3645	1-216-809-11	METAL CHIP	100	5%	1/10W	
R3305	1-216-833-11	METAL CHIP	10K	5%	1/10W		R3646	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R3306	1-216-829-11	METAL CHIP	4.7K	5%	1/10W		R3651	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R3307	1-216-833-11	METAL CHIP	10K	5%	1/10W		R3652	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R3315	1-216-833-11	METAL CHIP	10K	5%	1/10W		R3653	1-216-809-11	METAL CHIP	100	5%	1/10W	
R3316	1-216-829-11	METAL CHIP	4.7K	5%	1/10W		R3654	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	
R3318	1-216-864-11	SHORT CHIP	0				R3655	1-216-817-11	METAL CHIP	470	5%	1/10W	
R3319	1-216-864-11	SHORT CHIP	0				R3656	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R3320	1-216-864-11	SHORT CHIP	0				R3657	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	
R3321	1-216-833-11	METAL CHIP	10K	5%	1/10W		R3658	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R3322	1-216-833-11	METAL CHIP	10K	5%	1/10W		R3659	1-216-809-11	METAL CHIP	100	5%	1/10W	
R3323	1-216-833-11	METAL CHIP	10K	5%	1/10W		R3671	1-216-813-11	METAL CHIP	220	5%	1/10W	
R3324	1-216-809-11	METAL CHIP	100	5%	1/10W		R3672	1-218-841-11	METAL CHIP	560	0.5%	1/10W	
R3401	1-216-864-11	SHORT CHIP	0				R3673	1-218-841-11	METAL CHIP	560	0.5%	1/10W	
R3402	1-216-864-11	SHORT CHIP	0				R3674	1-216-839-11	METAL CHIP	33K	5%	1/10W	
R3403	1-216-864-11	SHORT CHIP	0				R3675	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R3404	1-216-821-11	METAL CHIP	1K	5%	1/10W		R3676	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R3405	1-211-990-11	METAL CHIP	75	0.5%	1/10W		R3677	1-216-813-11	METAL CHIP	220	5%	1/10W	
R3407	1-211-990-11	METAL CHIP	75	0.5%	1/10W		R3678	1-218-841-11	METAL CHIP	560	0.5%	1/10W	
R3408	1-211-990-11	METAL CHIP	75	0.5%	1/10W		R3679	1-218-841-11	METAL CHIP	560	0.5%	1/10W	
R3409	1-211-990-11	METAL CHIP	75	0.5%	1/10W		R3680	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R3411	1-211-990-11	METAL CHIP	75	0.5%	1/10W		R3681	1-216-839-11	METAL CHIP	33K	5%	1/10W	
R3524	1-216-837-11	METAL CHIP	22K	5%	1/10W		R3682	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R3525	1-216-837-11	METAL CHIP	22K	5%	1/10W		R3683	1-216-813-11	METAL CHIP	220	5%	1/10W	
R3526	1-216-837-11	METAL CHIP	22K	5%	1/10W		R3684	1-218-841-11	METAL CHIP	560	0.5%	1/10W	
R3603	1-216-842-11	METAL CHIP	56K	5%	1/10W		R3685	1-218-841-11	METAL CHIP	560	0.5%	1/10W	
R3604	1-216-818-11	METAL CHIP	560	5%	1/10W		R3686	1-216-841-11	METAL CHIP	47K	5%	1/10W	

Ref. No.	Part No.	Description	Remark		
R3687	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3688	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3689	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3690	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3701	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R3702	1-216-817-11	METAL CHIP	470	5%	1/10W
R3703	1-216-835-11	METAL CHIP	15K	5%	1/10W
R3704	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3705	1-216-809-11	METAL CHIP	100	5%	1/10W
R3706	1-216-809-11	METAL CHIP	100	5%	1/10W
R3707	1-216-809-11	METAL CHIP	100	5%	1/10W
R3708	1-216-813-11	METAL CHIP	220	5%	1/10W
R3709	1-216-851-11	METAL CHIP	330K	5%	1/10W
R3710	1-216-815-11	METAL CHIP	330	5%	1/10W
R3711	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R3712	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R3713	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3714	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R3715	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3716	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3717	1-216-848-11	METAL CHIP	180K	5%	1/10W
R3731	1-216-815-11	METAL CHIP	330	5%	1/10W
R3732	1-216-847-11	METAL CHIP	150K	5%	1/10W
R3733	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3734	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3735	1-216-864-11	SHORT CHIP	0		
R3736	1-216-845-11	METAL CHIP	100K	5%	1/10W
< RELAY >					
RY3301	1-755-359-11	RELAY			
RY3302	1-755-359-11	RELAY			
RY3303	1-755-359-11	RELAY			
RY3304	1-755-359-11	RELAY			
< VIBRATOR >					
X3701	1-781-342-21	OSCILLATOR, CRYSTAL (3.5795MHz)			
X3702	1-781-134-21	VIBRATOR, CRYSTAL (4.43MHz)			
X3703	1-577-611-11	OSCILALTOR, CERAMIC (500kHz)			

VIDEO3 BOARD					

< CAPACITOR >					
C293	1-127-888-11	CERAMIC	0.1uF	10%	50V
C294	1-127-888-11	CERAMIC	0.1uF	10%	50V
< CONNECTOR >					
CN201	1-784-922-11	PIN, CONNECTOR 5P			
< JACK >					
J298	1-819-187-11	JACK, PIN 3P (VIDEO 3 IN/PORTABLE AV IN VIDEO,AUDIO)			
< RESISTOR >					
R298	1-247-831-11	CARBON	1K	5%	1/4W
R299	1-247-831-11	CARBON	1K	5%	1/4W

Ref. No.	Part No.	Description	Remark
< LEAD WIRE >			
* W290	1-690-880-31	LEAD (WITH CONNECTOR)	

MISCELLANEOUS			

58	1-829-023-11	WIRE (FLAT TYPE) (23 CORE)	
102	1-828-973-11	WIRE (FLAT TYPE) (13 CORE)	
△ 104	1-777-071-83	CORD, POWER (AEP,UK)	
△ 104	1-827-295-22	CORD, POWER (AUS)	
154	1-829-013-11	WIRE (FLAT TYPE) (21 CORE)	
155	1-828-963-11	WIRE (FLAT TYPE) (11 CORE) (AUS)	
155	1-828-980-11	WIRE (FLAT TYPE) (15 CORE) (AEP,UK)	
△ F901	1-532-464-33	FUSE (T2.5AL/250V)	
△ F902	1-532-464-33	FUSE (T2.5AL/250V)	
IC3103	8-759-071-48	IC TA7807S	
IC3104	8-759-071-47	IC TA79007S	
Q503	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q504	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q533	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q534	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q603	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q604	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q653	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q654	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q703	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q704	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q753	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q754	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
△ T901	1-439-550-21	TRANSFORMER, POWER (MAIN)	
TN1	1-693-676-11	TUNER PACK (ANTENNA) (AEP,UK)	
TN1	1-693-678-11	TUNER PACK (ANTENNA) (AUS)	

ACCESSORIES			

	1-468-991-11	REMOTE COMMANDER (RM-AAP011)	
		(including BATTERY LID)	
	1-501-374-12	ANTENNA, LOOP (AM)	
	1-501-807-12	ANTENNA (FM)	
	1-542-670-11	MEASUREMENT MIC (MONO) (ECM-AC2)	
△	1-770-019-61	ADAPTOR, CONVERSION PLUG (UK)	
	2-680-065-11	MANUAL, INSTRUCTION (ENGLISH)	
	2-680-065-21	MANUAL, INSTRUCTION (FRENCH) (AEP)	
	2-680-065-31	MANUAL, INSTRUCTION (SPANISH) (AEP)	
	2-680-065-41	MANUAL, INSTRUCTION (GERMAN,DUTCH, SWEDISH) (AEP)	
	2-680-065-51	MANUAL, INSTRUCTION (ITALIAN,POLISH) (AEP)	
	2-680-065-61	MANUAL, INSTRUCTION (DANISH,FINNISH) (AEP)	
	2-680-065-71	MANUAL, INSTRUCTION (PORTUGUESE) (AEP)	
	2-680-065-81	MANUAL, INSTRUCTION (RUSSIAN) (AEP)	
	2-681-663-11	MANUAL, INSTRUCTION (GREEK) (AEP)	
	2-681-663-21	MANUAL, INSTRUCTION (TURKISH) (AEP)	
	2-681-663-31	MANUAL, INSTRUCTION (HUNGARIAN,CZECH) (AEP)	
	2-681-663-41	MANUAL, INSTRUCTION (SLOVAKIAN) (AEP)	

MEMO

REVISION HISTORY

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