

STR-K885

SERVICE MANUAL

Ver. 1.1 2007.08

*E Model
Australian Model*



- STR-K885 is the tuner and the amplifier section in HT-DDW885.

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

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

** "DTS" and "DTS-ES Neo:6" are registered trademarks of DTS, Inc. "96/24" is a trademark of DTS, Inc.

SPECIFICATIONS

Amplifier section

Models of area code SP, SP6, AUS, E51
Stereo mode (6 ohms, 1 kHz, THD 1%)
90 W + 90 W¹⁾

Surround mode²⁾ (reference) (6 ohms, 1 kHz, THD 10%)

RMS output
FRONT: 135 W
per channel¹⁾
CENTER: 135 W¹⁾
SURROUND: 135 W
per channel¹⁾
SURROUND BACK:
135 W¹⁾

Models of area code AR

Stereo mode (6 ohms, 1 kHz, THD 1%)
90 W + 90 W¹⁾
80 W + 80 W³⁾

Surround mode²⁾ (reference) (6 ohms, 1 kHz, THD 10%)

RMS output
FRONT:
135 W per channel¹⁾,
125 W per channel³⁾
CENTER: 135 W¹⁾
SURROUND:
135 W per channel¹⁾,
125 W per channel³⁾
SURROUND BACK:
135 W¹⁾, 125 W³⁾

¹⁾ Measured under the following conditions:

Area code	Power requirements
SP, SP6, AR	230 V AC, 50 Hz
AUS, E51	240 V AC, 50 Hz

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

³⁾ Measured under the following conditions:
220 V AC, 50 Hz

Inputs

Analog Sensitivity: 800 mV/
50 kohms

Digital (Coaxial) Impedance: 75 ohms

Outputs (Analog)

AUDIO OUT Voltage: 800 mV/
10 kohms

SUB WOOFER Voltage: 2 V/1 kohm

Tone

Gain levels ±6 dB, 1 dB step

Reproduction frequency range:

28 – 20,000 Hz

FM tuner section

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

AM tuner section

Tuning range
Models of area code SP, SP6, AUS
With 9-kHz tuning scale:
531 – 1,602 kHz
Models of area code E51
With 10-kHz tuning scale:
530 – 1,610 kHz⁴⁾
With 9-kHz tuning scale:
531 – 1,602 kHz⁴⁾
Models of area code AR
With 10-kHz tuning scale:
530 – 1,610 kHz
Antenna Loop antenna
Intermediate frequency 450 kHz

— Continued on next page —

MULTI CHANNEL AV RECEIVER

SONY®

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

Video section

Inputs/Outputs

Video: 1 Vp-p, 75 ohms

COMPONENT VIDEO:

Y: 1 Vp-p, 75 ohms

PB/CB: 0.7 Vp-p, 75 ohms

PR/CR: 0.7 Vp-p, 75 ohms

80 MHz HD Pass Through

General

Power requirements

Area code	Power requirements
SP, SP6	230 – 240 V AC, 50/60 Hz
AUS	240 V AC, 50 Hz
AR	220 – 230 V AC, 50/60 Hz
E51	120/220/240 V AC, 50/60 Hz

(Models of area code SP, SP6, AUS only)

Power output (DIGITAL MEDIA PORT)

DC OUT: 5V, 700 mA

Power consumption

Area code	Power consumption
SP, SP6, AUS, E51, AR	200 W

Power consumption (during standby mode)

0.3 W

Dimensions (width/height/depth) (Approx.)

430 × 157.5 × 310 mm
including projecting parts
and controls

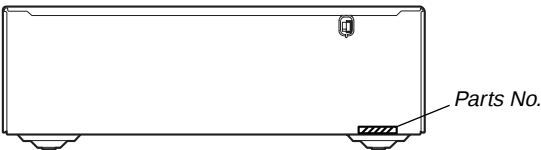
Mass (Approx.) 7.6 kg

Design and specifications are subject to change without notice.

- Abbreviation
AR : Argentine model
AUS : Australian model
E51 : Chilean and Peruvian models
SP : Singapore model
SP6 : Singapore and Malaysia models

MODEL IDENTIFICATION

– Rear Panel –



Model	Part No.
SP, SP6 models	2-897-029-1□
AUS model	2-897-029-2□
E51 model	2-897-029-3□
AR model	2-897-029-4□

Notes on chip component replacement

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

UNLEADED SOLDER

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

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

LF: LEAD FREE MARK

Unleaded solder has the following characteristics.

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

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.

About area codes

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

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

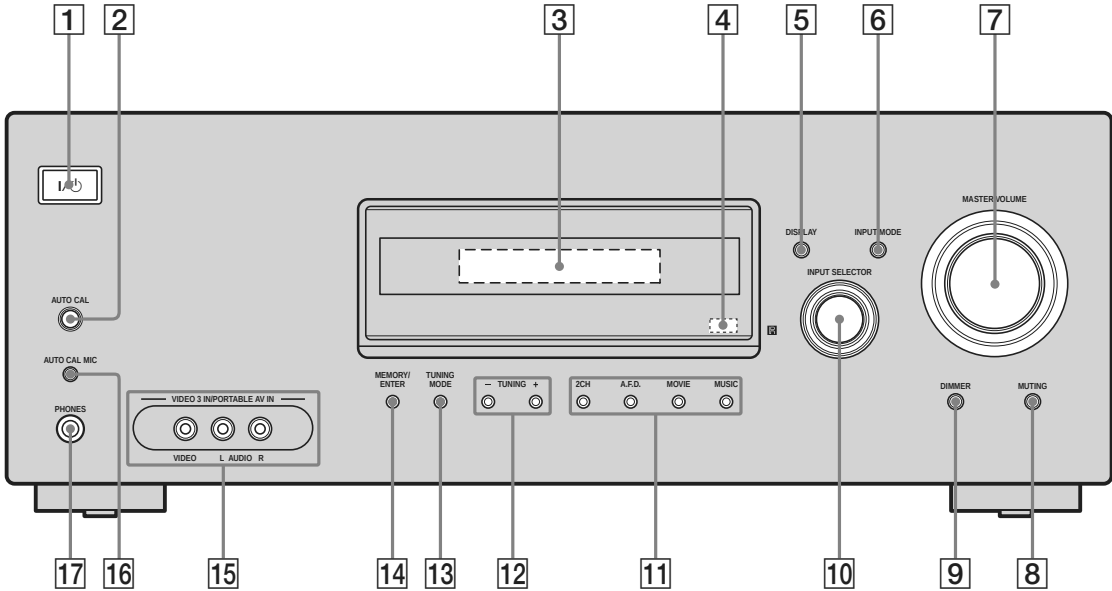
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This section is extracted from instruction manual.

Receiver

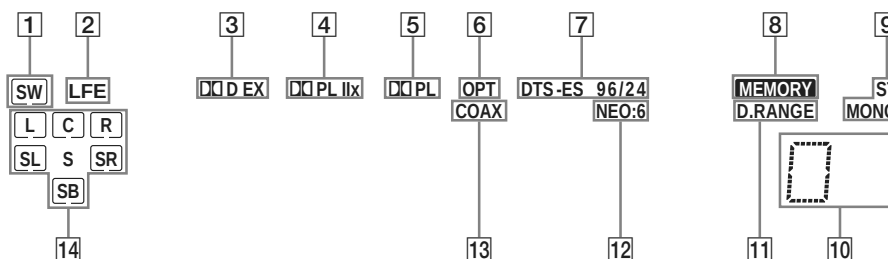
Front panel



Name	Function
1 I/O (on/standby)	Press to turn the receiver on or off (page 28, 36, 37, 54).
2 AUTO CAL	Press to activate the Auto Calibration function (page 30).
3 Display	The current status of the selected component or a list of selectable items appears here (page 6).
4 Remote sensor	Receives signals from remote commander.
5 DISPLAY	Press to select information displayed on the display (page 62).
6 INPUT MODE	Press to select the input mode when the same components are connected to both digital and analog jacks (page 59).
7 MASTER VOLUME	Turn to adjust the volume level of all speakers at the same time (page 33, 34, 36, 37).
8 MUTING	Press to mute the sound (page 34).
9 DIMMER	Press to adjust the brightness of the display.

Name	Function
10 INPUT SELECTOR	Turn to select the input source to playback (page 34).
11 2CH A.F.D. MOVIE MUSIC	Press to select a sound field (page 49, 51, 54).
12 TUNING +/-	Press to scan a station (page 55, 58).
13 TUNING MODE	Press to select the tuning mode (page 55, 58).
14 MEMORY/ENTER	Press to store a station or enter the selection when selecting the settings (page 28, 57).
15 VIDEO 3 IN/PORTABLE AV IN jacks	Connects to a camcorder or video game (page 25, 34).
16 AUTO CAL MIC jack	Connects to the supplied optimizer microphone for the Auto Calibration function (page 29).
17 PHONES jack	Connects to headphones (page 69).

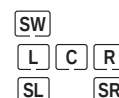
About the indicators on the display



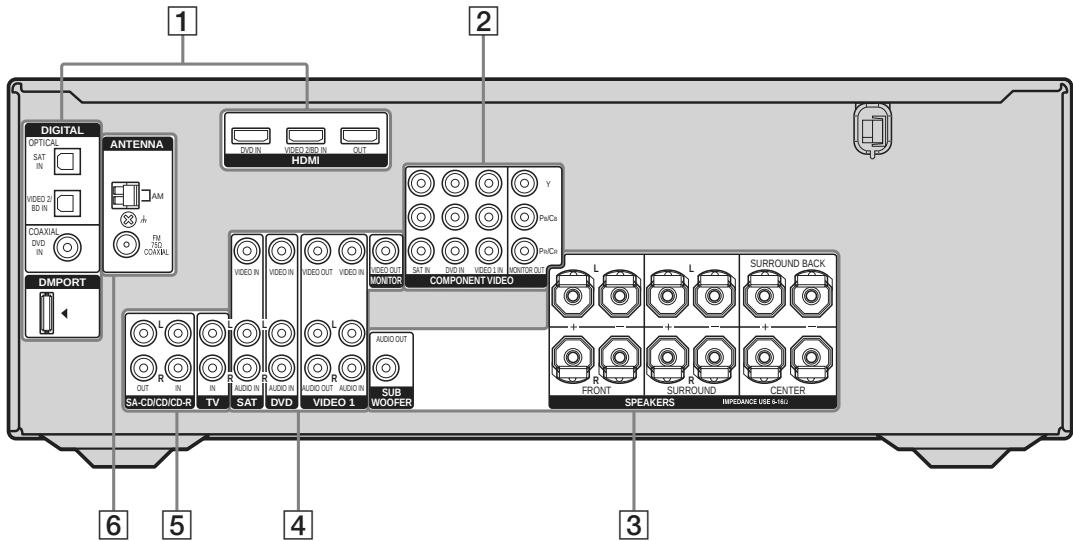
Name	Function
1 SW	Lights up when the audio signal is output from the SUB WOOFER jack.
2 LFE	Lights up when the disc being played back contains an LFE (Low Frequency Effect) channel and the LFE channel signal is actually being reproduced.
3 D EX	Lights up when the receiver is decoding Dolby Digital signals. "D EX" lights up when the receiver is decoding Dolby Digital Surround EX signals. 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 59).
4 PL II (x)	Lights up when the Pro Logic II Movie/Music/Game decoder is activated. "PL IIx" lights up when the Pro Logic IIx Movie/Music/Game decoder is activated. 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.
5 PL	Lights up when the receiver applies Pro Logic processing to 2 channel signals in order to output the center and surround channel signals.

Name	Function
6 OPT	Lights up when VIDEO 2 input is selected. However, "UNLOCK" appears on the display if no digital signal is input through the OPTICAL jack. "OPT" also lights up when SAT input is selected if – INPUT MODE is set to "AUTO IN" and the source signal is a digital signal being input through the OPTICAL jack. – INPUT MODE is set to "OPT IN" (page 59).
7 DTS (-ES)/ (96/24)	Lights up when the receiver is decoding DTS signals. "DTS-ES" lights up when the receiver is decoding DTS-ES signals. "DTS 96/24" lights up when the receiver is decoding DTS 96 kHz/24 bit signals. Note When playing a DTS format disc, be sure that you have made digital connections and that INPUT MODE is not set to "ANALOG" (page 59).
8 MEMORY	Lights up when a memory function, such as Preset Memory (page 56), etc., is activated.
9 Tuner indicators	Lights up when using the receiver to tune in radio stations (page 55), etc.

Name	Function
10 Preset station indicators	Lights up when using the receiver to tune in preset radio stations. For details on presetting radio stations, see page 56.
11 D.RANGE	Lights up when dynamic range compression is activated (page 39).
12 NEO:6	Lights up when DTS Neo:6 Cinema/Music decoder is activated (page 50).
13 COAX	Lights up when INPUT MODE is set to "AUTO IN" and the source signal is a digital signal being input through the COAXIAL jack, or when INPUT MODE is set to "COAX IN" (page 59).
14 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. L Front Left R Front Right C Center (monaural) SL Surround Left SR Surround Right S Surround (monaural or the surround components obtained by Pro Logic processing) SB Surround Back (the surround back components obtained by 6.1 channel decoding) Example: Recording format (Front/ Surround): 3/2.1 Sound Field: A.F.D. AUTO



Rear panel



1 DIGITAL INPUT/OUTPUT section

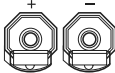
	OPTICAL IN jacks	Connects to a DVD player, etc. The COAXIAL jack provides a better quality of loud sound (page 19, 22, 24).
	COAXIAL IN jack	
	HDMI IN/ OUT jacks*	Connects to a DVD player or a Blu-ray disc player. The image and the sound are output to a TV or a projector (page 19).
	DMPort jack (Models of area code SP, AUS only)	Connects to a DIGITAL MEDIA PORT adapter (page 60).

2 COMPONENT VIDEO INPUT/
OUTPUT section

	Green (Y)	COMPONENT VIDEO INPUT/ OUTPUT jacks* Connects to a DVD player, TV, satellite tuner, etc. You can enjoy high quality image (page 21–24).
	Blue (PB/CB)	
	Red (PR/CR)	

Model of area code SP6 uses same jack as the model
of area code SP.

3 SPEAKERS section

	Connects to speakers (page 15).
	Connects to sub woofer (page 15).

4 VIDEO/AUDIO INPUT/OUTPUT
section

	White (L)	AUDIO IN/ OUT jacks	Connects to the video and audio jacks of a VCR, DVD player, etc. (page 21–25).
	Red (R)		
	Yellow	VIDEO IN/ OUT jacks*	

5 AUDIO INPUT/OUTPUT section

	White (L)	AUDIO IN/ OUT jacks	Connects to a Super Audio CD player, CD recorder, etc. (page 17, 21).
	Red (R)		

6 ANTENNA section

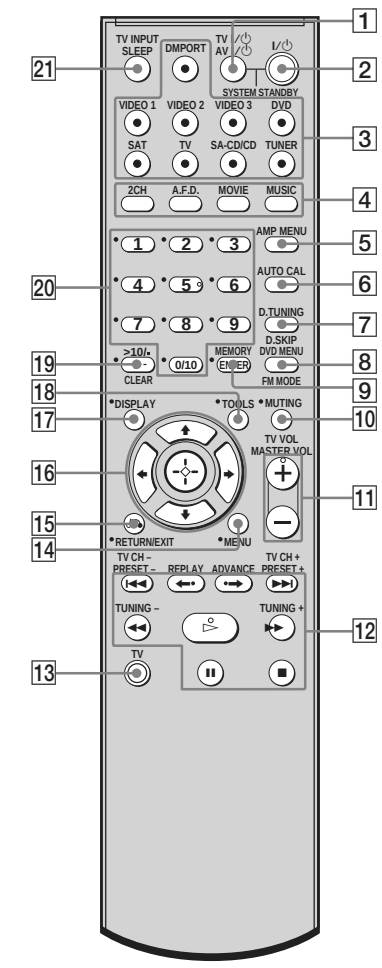
	FM ANTENNA jack	Connects to the FM wire antenna supplied with this receiver (page 26).
	AM ANTENNA terminals	Connects to the AM loop antenna supplied with this receiver (page 26).

* You can watch the selected input image when you
connect the HDMI OUT or MONITOR OUT jack
to a TV (page 21).

Remote commander

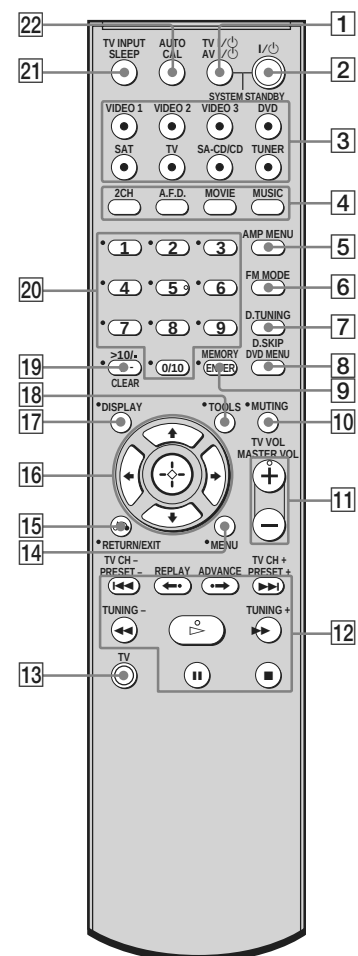
You can use the supplied remote to operate the receiver and to control the Sony audio/video components that the remote is assigned to operate. For details, see “Changing button assignments” (page 64).

RM-AAU015
(Models of area code SP, AUS only)



Model of area code SP6 uses RM-AAU015.

RM-AAU013
(Models of area code E51, AR only)



Name	Function																				
1 TV I/⏻ (on/standby)	Press TV I/⏻ and TV (13) at the same time to turn the TV on or off.																				
AV I/⏻ (on/standby)	Press to turn on or off the Sony audio/video components that the remote is assigned to operate (page 64). If you press I/⏻ (2) at the same time, it will turn off the receiver and other components (SYSTEM STANDBY). Note The function of the AV I/⏻ switch changes automatically each time you press the input buttons (3).																				
2 I/⏻ (on/standby)	Press to turn the receiver on or off. To turn off all components, press I/⏻ and AV I/⏻ (1) at the same time (SYSTEM STANDBY).																				
3 Input buttons	Press one of the buttons to select the component you want to use. When you press any of the input buttons, the receiver turns on. The buttons are factory assigned to control Sony components as follows. You can change the button assignments following the steps in “Changing button assignments” on page 64.																				
<table><tr><th>Button</th><th>Assigned Sony component</th></tr><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>Not assigned</td></tr><tr><td>DVD</td><td>DVD player</td></tr><tr><td>SAT</td><td>Digital Satellite Receiver</td></tr><tr><td>TV</td><td>TV</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>DMPORT</td><td>DIGITAL MEDIA (RM-AAU015 PORT adapter only)</td></tr></table>		Button	Assigned Sony component	VIDEO 1	VCR (VTR mode 3)	VIDEO 2	VCR (VTR mode 2)	VIDEO 3	Not assigned	DVD	DVD player	SAT	Digital Satellite Receiver	TV	TV	SA-CD/CD	Super Audio CD/ CD player	TUNER	Built-in tuner	DMPORT	DIGITAL MEDIA (RM-AAU015 PORT adapter only)
Button	Assigned Sony component																				
VIDEO 1	VCR (VTR mode 3)																				
VIDEO 2	VCR (VTR mode 2)																				
VIDEO 3	Not assigned																				
DVD	DVD player																				
SAT	Digital Satellite Receiver																				
TV	TV																				
SA-CD/CD	Super Audio CD/ CD player																				
TUNER	Built-in tuner																				
DMPORT	DIGITAL MEDIA (RM-AAU015 PORT adapter only)																				

Name	Function
4 2CH A.F.D. MOVIE MUSIC	Press to select a sound field (page 49, 51, 54).
5 AMP MENU	Press to display the menu of the receiver. Then, use ▲ , ▼ , ◀ , ▶ and ⊕ (16) to perform menu operations.
6 AUTO CAL (RM-AAU015 only) FM MODE (RM-AAU013 only)	Press to activate the Auto Calibration function (page 30). Press to select the FM monaural or stereo reception.
7 D.TUNING D.SKIP	Press to enter direct tuning mode. Press to skip a disc of the CD player or DVD player (multi-disc changer only).
8 DVD MENU FM MODE (RM-AAU015 only)	Press to display the menu of the DVD player on the TV screen. Then, use ▲ , ▼ , ◀ , ▶ and ⊕ (16) to perform menu operations. Press to select the FM monaural or stereo reception.
9 ENTER MEMORY	Press to enter the value after selecting a channel, disc or track using the numeric buttons of the TV, VCR, or satellite tuner. Press to store a station.
10 MUTING	Press to activate the muting function. Press MUTING and TV (13) at the same time to activate the TV's muting function.
11 TV VOL +^a/- MASTER VOL +^a/-	Press TV VOL +/- and TV (13) at the same time to adjust the TV volume level. Press to adjust the volume level of all speakers at the same time.

Name	Function
12 TV CH +/- PRESET +/- ⏮/⏭^b REPLAY ⏮/ ADVANCE ⏭ ⏮/⏭^b TUNING +/- ▷^a^b ⏸^b ■^b	Press TV CH +/- and TV (13) at the same time to select preset TV channels. Press to select – preset stations. – preset channels of the VCR or satellite tuner. Press to skip a track of the CD player, DVD player, or Blu-ray disc player. Press to replay the previous scene or fast forward the current scene of the VCR, DVD player, or Blu-ray disc player. Press to – search tracks in the forward/reverse direction of the DVD player. – start fast forward/rewind of the VCR, CD player, or Blu-ray disc player. Press to scan a station. Press to start playback of the VCR, CD player, DVD player, or Blu-ray disc player. Press to pause playback or recording of the VCR, CD player, DVD player, or Blu-ray disc player. (Also starts recording with components in recording standby.) Press to stop playback of the VCR, CD player, DVD player, or Blu-ray disc player.
13 TV	To activate the buttons with orange printing, press TV and the button with orange printing simultaneously.
14 MENU	Press to display the menu of the VCR, DVD player, satellite tuner, or Blu-ray disc player on the TV screen. Press MENU and TV (13) at the same time to display the TV's menu. Then, use ▲ , ▼ , ◀ , ▶ and ⊕ (16) to perform menu operations.

Name	Function
15 RETURN/ EXIT 	Press to – return to the previous menu. – exit the menu while the menu or on-screen guide of the VCR, DVD player, satellite tuner, or Blu-ray disc player is displayed on the TV screen. Press RETURN/EXIT  and TV (13) at the same time to return to the previous menu or exit the TV's menu while the menu is displayed on the TV screen.
16  , 	After pressing AMP MENU (5), DVD MENU (8) or MENU (14), press  ,  ,  or  to select the settings. Then, press  to enter the selection for DVD MENU or MENU. Press  also to enter the selection of the receiver, VCR, satellite tuner, CD player, DVD player, or Blu-ray disc player.
17 DISPLAY	Press to select information displayed on the TV screen of the VCR, satellite tuner, CD player, DVD player, or Blu-ray disc player. Press DISPLAY and TV (13) at the same time to display TV's information on the TV screen.
18 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). Press TOOLS and TV (13) at the same time to display options applicable to the TV.
19 >10/-	Press to select – track numbers over 10 of the VCR, satellite tuner, or CD player. – channel numbers of the Digital CATV terminal.
-/--	Press -/-- and TV (13) at the same time to select the channel entry mode, either one or two digits of the TV.

Name	Function
CLEAR	Press to clear a mistake when you press the incorrect numeric button.
20 Numeric buttons (number 5 ^{a)})	Press to – preset/tune to preset stations. – select track numbers of the CD player, DVD player, or Blu-ray disc player. Press 0/10 to select track number 10. – select channel numbers of the VCR or satellite tuner. Press the numeric buttons and TV (13) at the same time to select the TV channels.
21 TV INPUT	Press TV INPUT and TV (13) at the same time to select the input signal (TV input or video input).
SLEEP	Press to activate the Sleep Timer function and the duration which the receiver turns off automatically.
22 AUTO CAL (RM-AAU013 only)	Press to activate the Auto Calibration function (page 30).

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

^{b)}(RM-AAU015 only)
This button is also available for DIGITAL MEDIA PORT adapter operation. For details on the function of the button, see the operating instructions supplied with the DIGITAL MEDIA PORT adapter.

Notes

Some functions explained in this section may not work depending on the model.

The above explanation is intended to serve as an example only. Therefore, depending on the component, the above operation may not be possible or may operate differently than described.

SECTION 2

TEST MODE

SOUND FIELD CLEAR MODE

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

Procedure:

1. While depressing the **[2CH]** button, press the power **[I/⏻]** button to turn on the main power.
2. The message “S.F. CLR.” appears and initialization is performed. (3 second)

SOFTWARE VERSION DISPLAY MODE

The software version is displayed.

Procedure:

1. While depressing the **[AUTO CAL]** and the **[DISPLAY]** buttons simultaneously, press the power **[I/⏻]** button to turn on the main power.
2. The model name, destination and the software version are displayed. (8 second)

KEY CHECK MODE

Button check

Procedure:

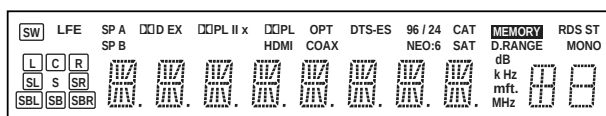
1. While depressing the **[AUTO CAL]** and the **[2CH]** buttons simultaneously, press the power **[I/⏻]** button to turn on the main power.
“REST 13” appears.
2. Every pressing of any button other than **[I/⏻]** counts down the buttons. The buttons which are already counted once are not counted again.
3. When all buttons are pressed “REST 00” appears.

FLUORESCENT INDICATOR TUBE TEST MODE

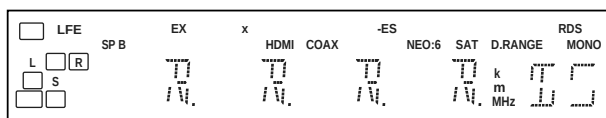
All fluorescent segments are tested. When this test is activated, all segments turn on at the same time, then each segment turns on one after another.

Procedure:

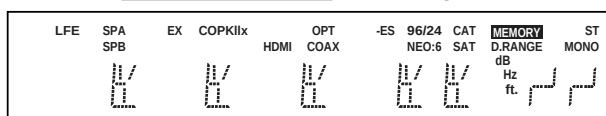
1. While depressing the **[TUNING MODE]** and the **[DISPLAY]** buttons simultaneously, press the power **[I/⏻]** button to turn on the main power.
2. All segments turn on.



3. Turn the **[INPUT SELECTOR]** dial.



4. Turn the **[INPUT SELECTOR]** dial once again.



5. Turn the **[INPUT SELECTOR]** dial once again. All segments turn off.
6. Every turning of the **[INPUT SELECTOR]** dial turns on each segment one after another in the same order.

SWAP ALL MODE

The signal will be swapped to all channels so that all speakers will have sound output.

Procedure:

1. While depressing the **[AUTO CAL]** and the **[A.F.D.]** buttons simultaneously, press the power **[I/⏻]** button to turn on the main power.
2. “SWP. ALL” appears. (No change while displayed.)

SHIPMENT MODE

All preset contents are reset to the default setting.

Procedure:

1. While depressing the **[AUTO CAL]** and the **[MUSIC]** buttons simultaneously, press the power **[I/⏻]** button to turn on the main power.
2. “CLEARED” appears and switch off the set.

PROTECTOR

If an error occurs, the “Protector Display” will flash for a while and the power is turned OFF.

Procedure:

1. While depressing the **[TUNING MODE]** and the **[A.F.D.]** buttons simultaneously, press the power **[I/⏻]** button to turn on the main power.
2. “PROT. EVER” appears (3 seconds) and the display returns to the “Protector Display” and the power remains ON.

AM CHANNEL STEP 9 kHz/10 kHz SELECTION MODE

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

Procedure:

1. Set the FUNCTION to AM. Turn off the main power.
2. While depressing the **[TUNING MODE]** button, press the power **[I/⏻]** button to turn on the main power.
3. Either the message “9 k STEP” or “10 kSTEP” appears. Select the desired step.

VACS CONTROL

The VACS feature of the amplifier is turned off purposely.

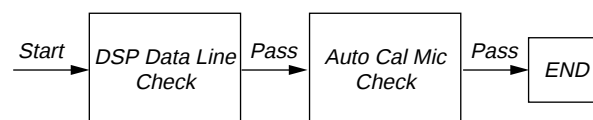
Procedure:

1. While depressing the **[MEMORY/ENTER]** and the **[2CH]** buttons simultaneously, press the power **[I/⏻]** button to turn on the main power.
2. “VACS OFF” appears. (8 second)

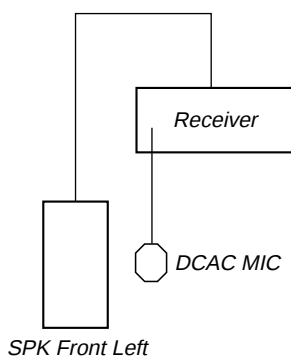
DCAC FACTORY TEST MODE

DCAC Factory Test mode have two stages:

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



Factory Test System Setup



- When power off :
Press the three buttons **MEMORY/ENTER** + **MOVIE** + **I/⏻**.
"DCAC□FTM" appears.
Afterward, press the **TUNING MODE** to start DCAC factory test mode.

1. DCAC DSP Data Line Checking

After press the **TUNING MODE**, DCAC Factory test mode will start, below display will show:

"DCAC□□□x" x = 1, 2, 3, 4

If there is error happen, below display will show:

"ERR□SD0x" x = 1 → D1501 or R1530 or C1512 problem
x = 2 → D1502 problem
x = 3 → D1503 problem
x = 4 → D1504 problem

2. DCAC board Checking

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

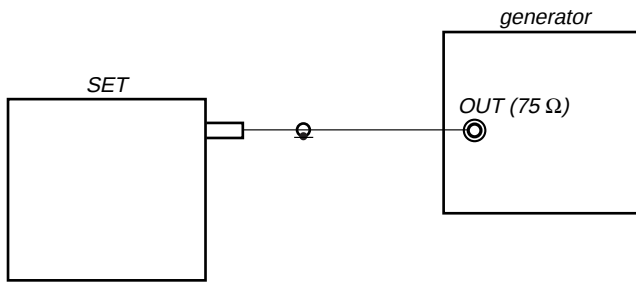
"AD□-□xxx" xxx = 0 to 255 (depends on loudness of test tone)

SECTION 3

ELECTRICAL ADJUSTMENT

TUNER SECTION

[FM Auto Stop Check]



Procedure:

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

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

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

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

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

SECTION 4
DIAGRAMS

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

For Schematic Diagrams.

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

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

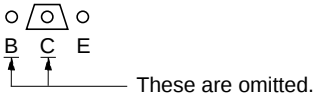
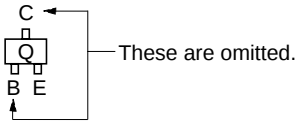
-  : B+ Line.
-  : B- Line.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
No mark : FM
- Voltages are taken with a VOM (Input impedance 10 M Ω).
Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
- Circled numbers refer to waveforms.
- Signal path.
 -  : FM
 -  : ANALOG
 -  : DIGITAL
 -  : VIDEO
- Abbreviation
 - AR : Argentine model
 - AUS : Australian model
 - E51 : Chilean and Peruvian models
 - SP : Singapore model
 - SP6 : Singapore and Malaysia models

For Printed Wiring Boards.

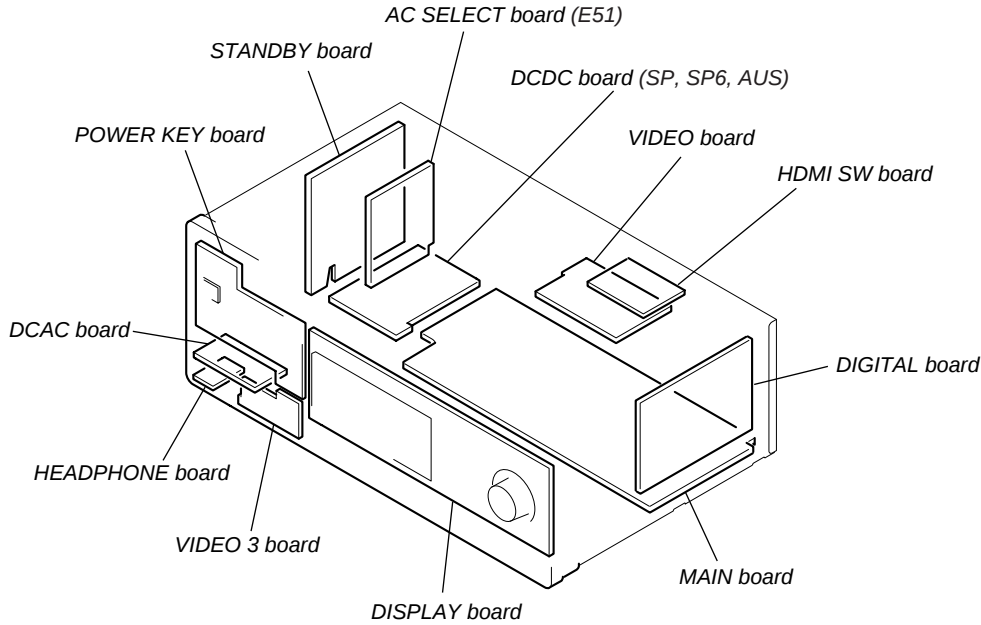
- Note:**
-  : parts extracted from the component side.
 -  : Through hole.
 - Δ : internal component.
 -  : Pattern from the side which enables seeing.

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

- Indication of transistor.

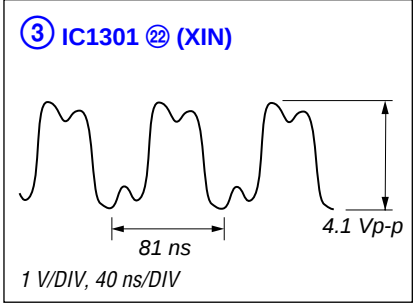
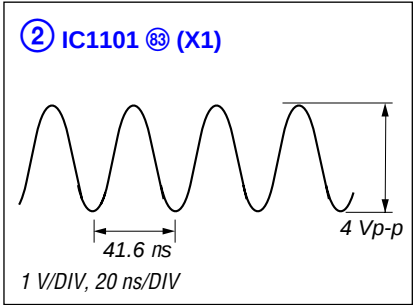
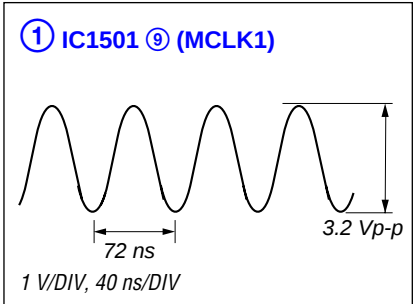


• Circuit Boards Location

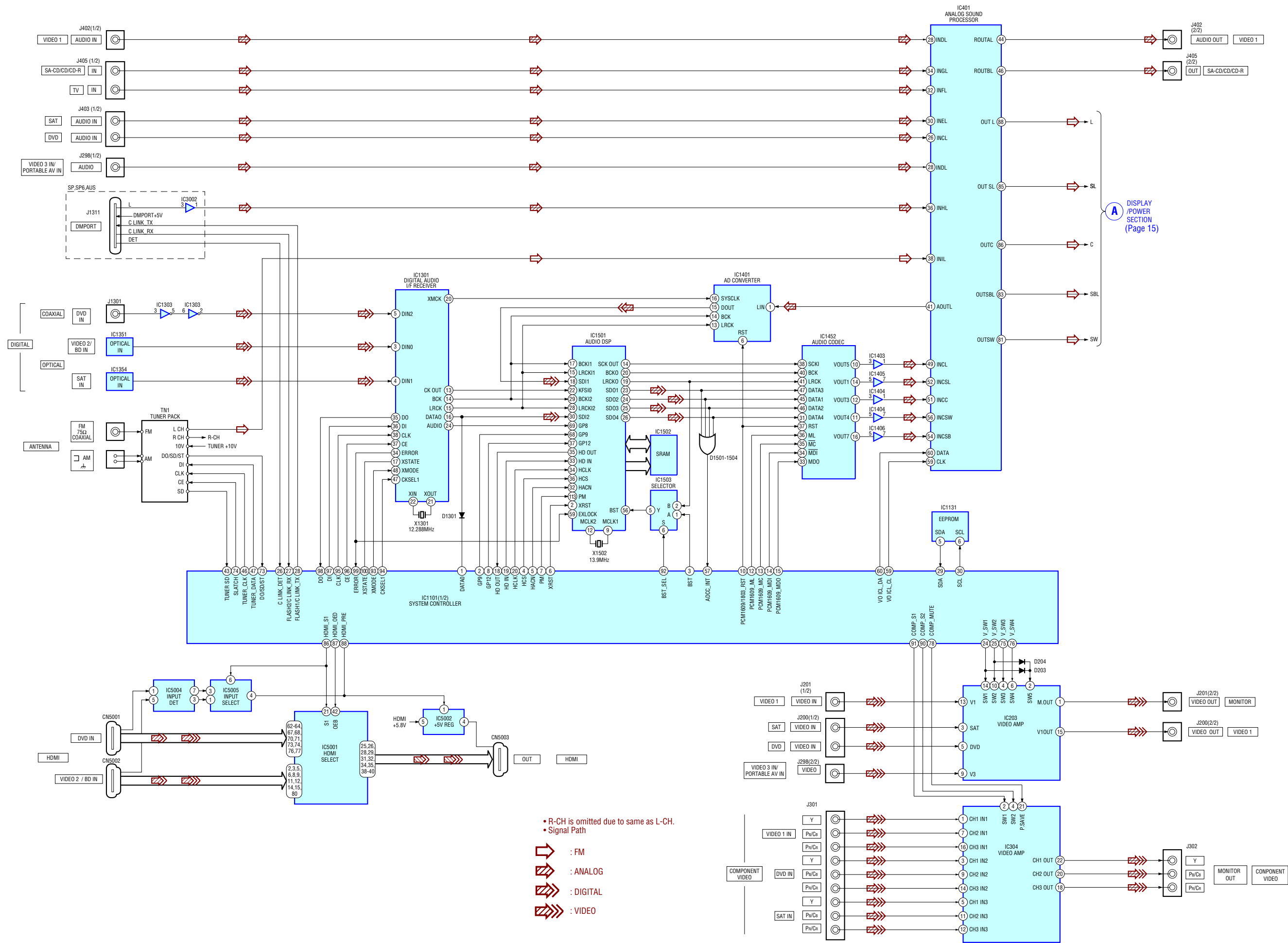


• Waveforms

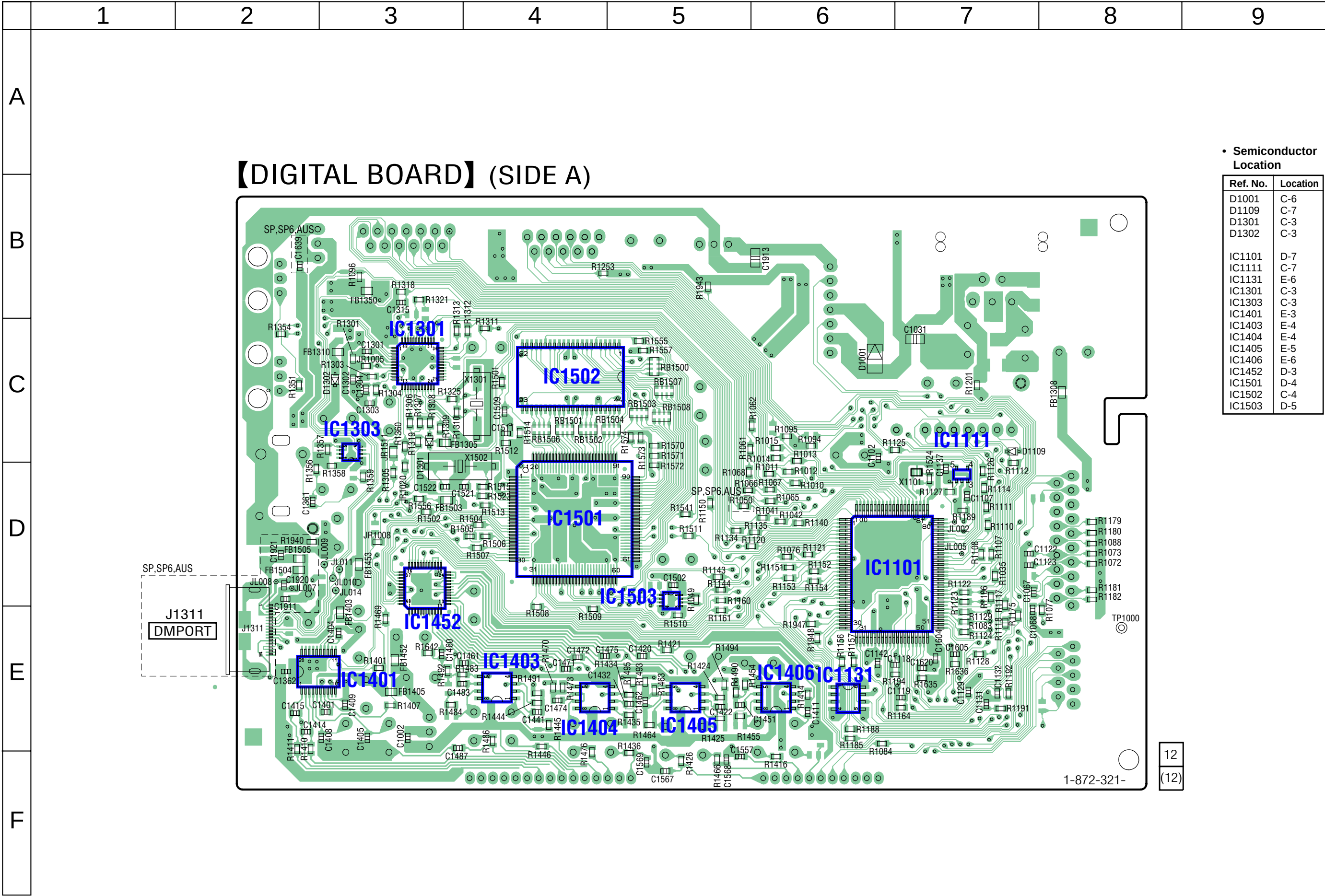
– DIGITAL Board –



4-1. BLOCK DIAGRAM – MAIN SECTION –

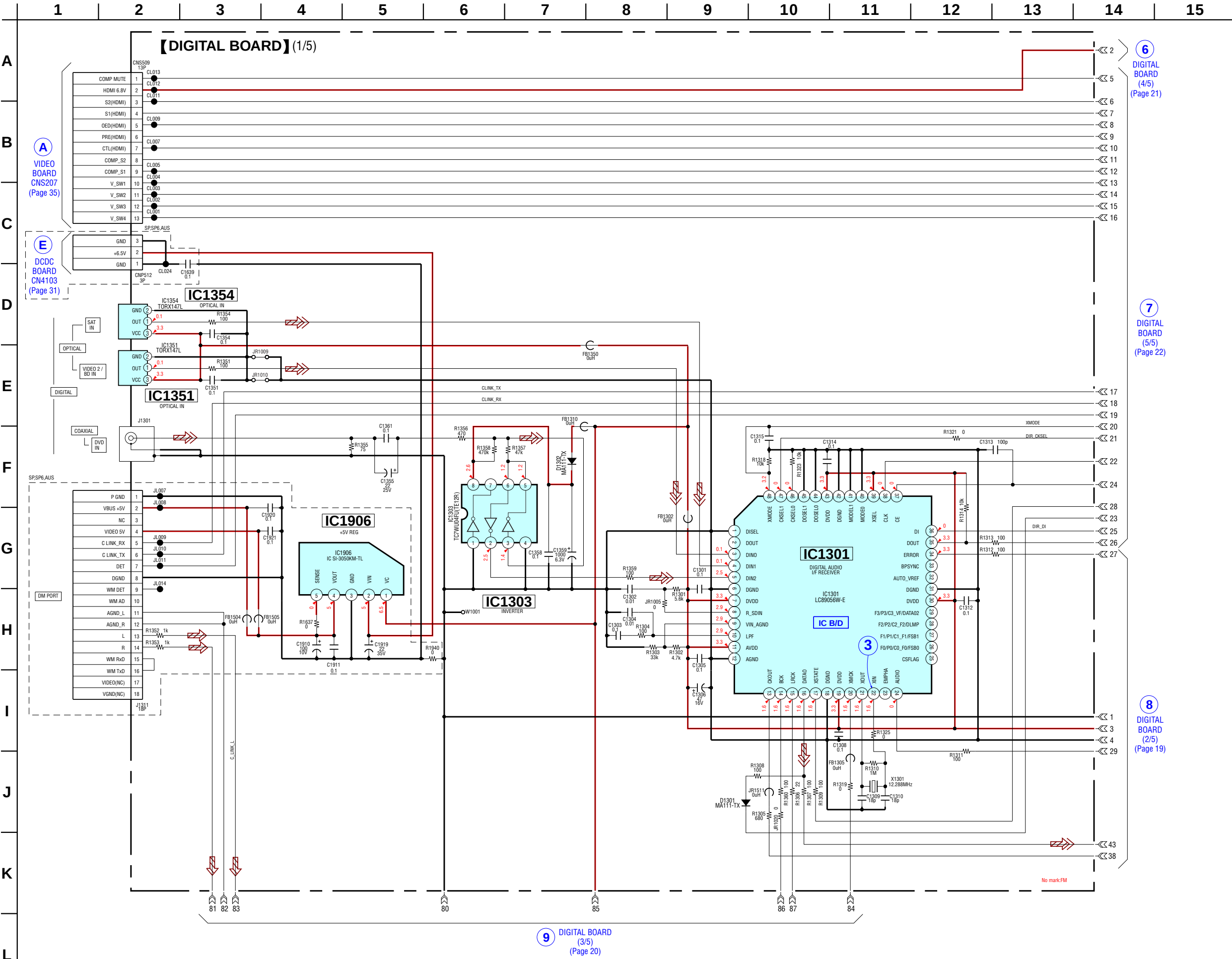






STR-K885

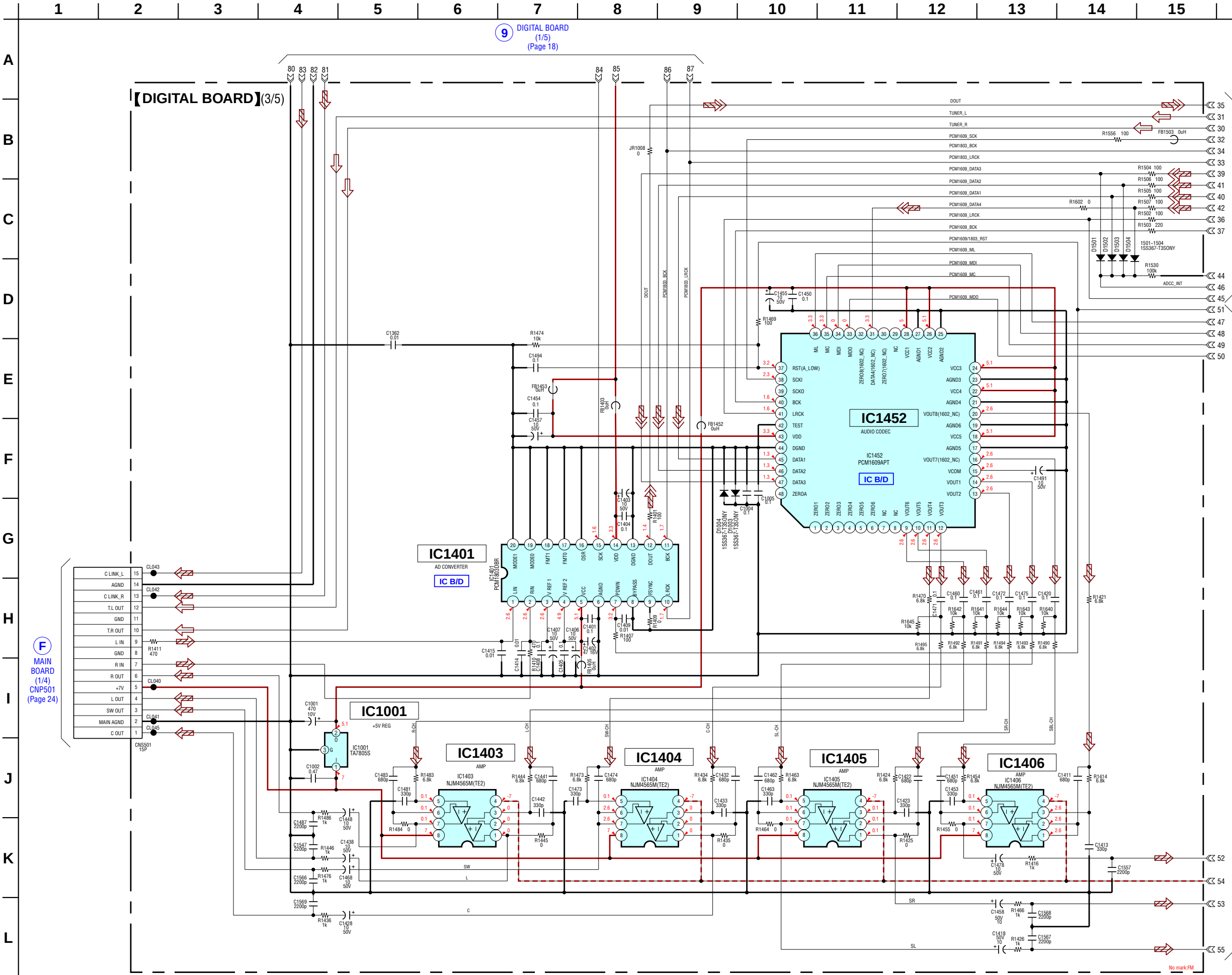
4-5. SCHEMATIC DIAGRAM – DIGITAL BOARD (1/5) – • See page 13 for Waveform. • See page 38 for IC Block Diagram.



19



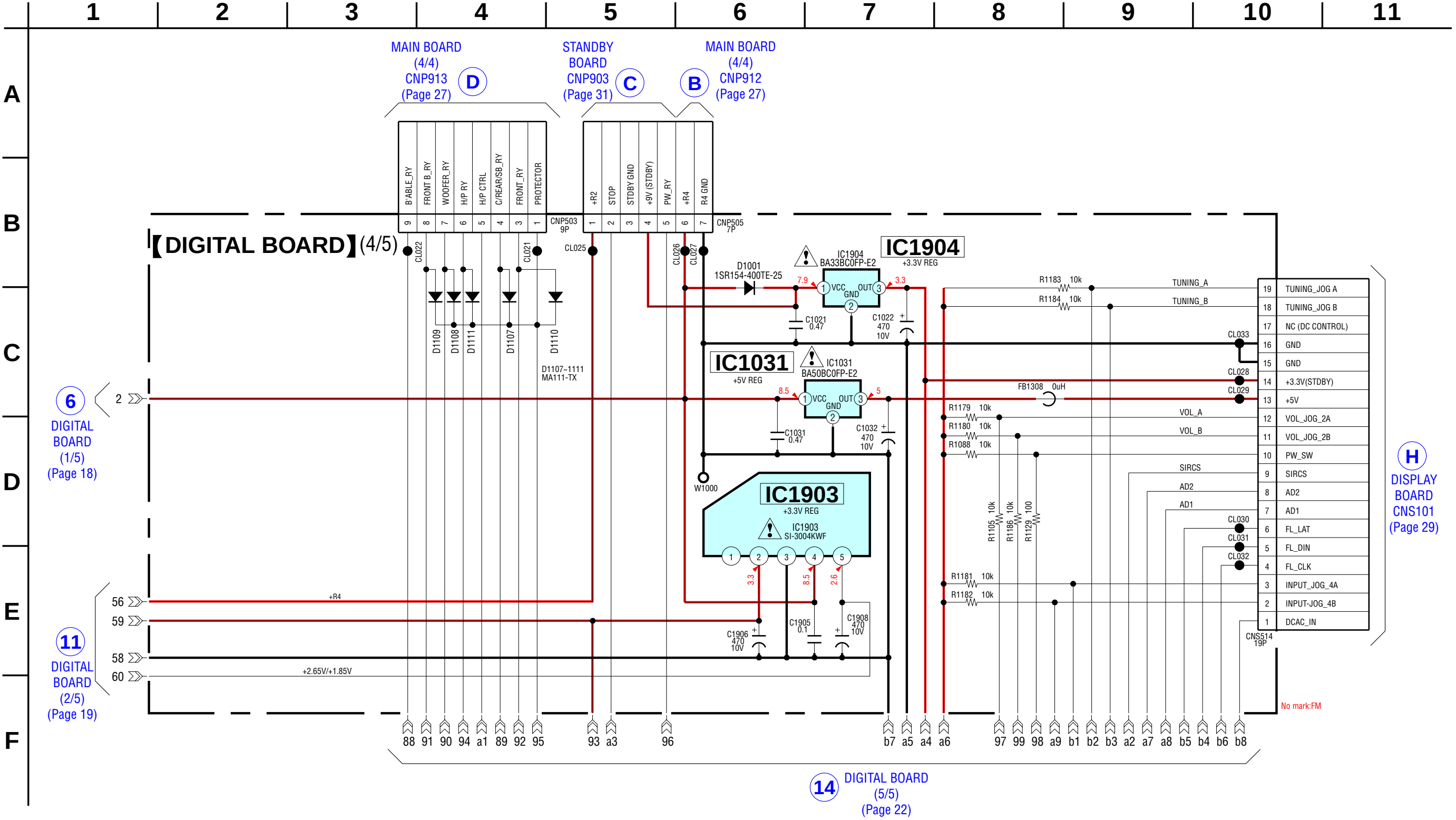
4-7. SCHEMATIC DIAGRAM – DIGITAL BOARD (3/5) – • See page 38 for IC Block Diagrams.



10
DIGITAL BOARD
(2/5)
(Page 19)

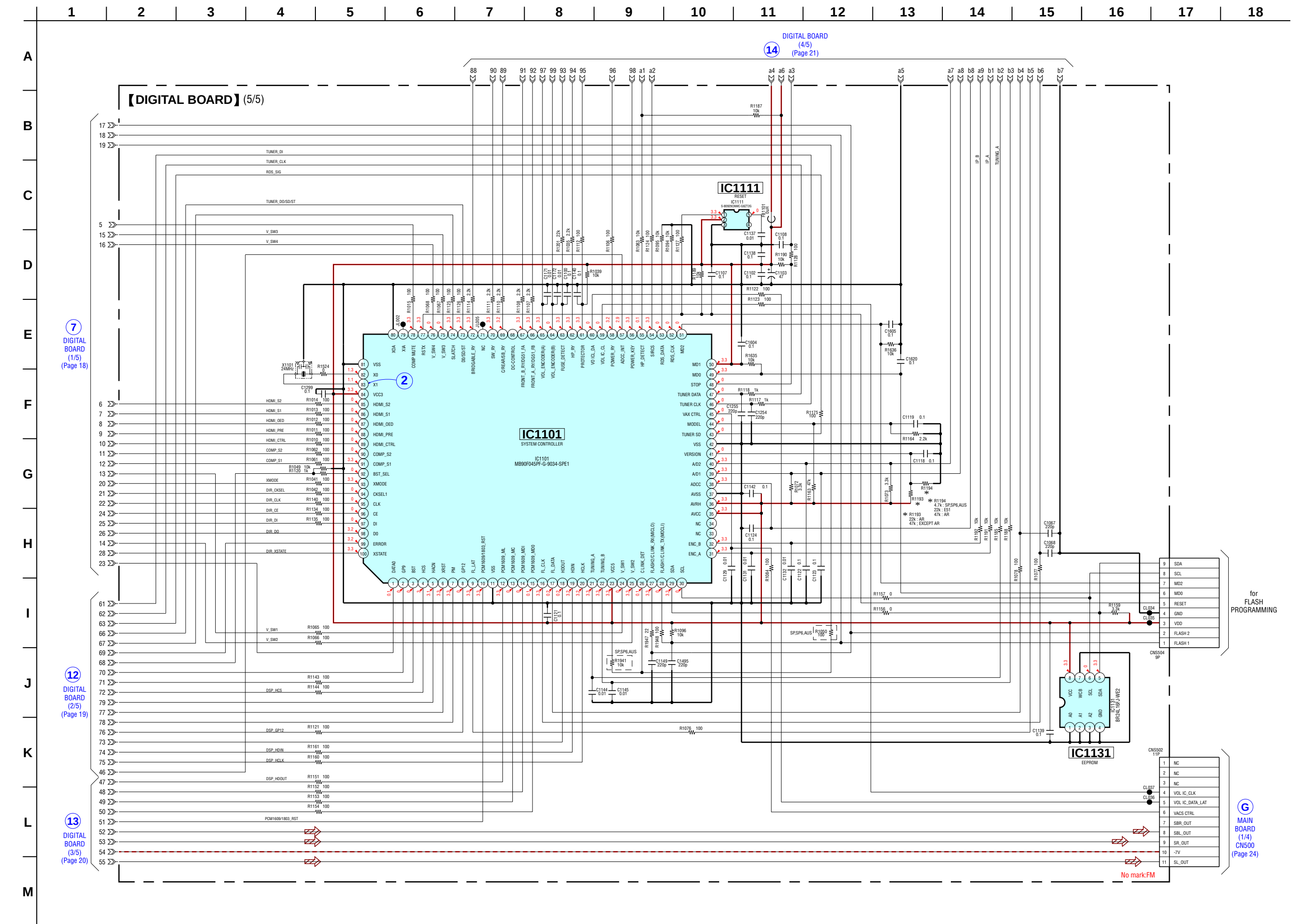
13
DIGITAL BOARD
(5/5)
(Page 22)

4-8. SCHEMATIC DIAGRAM – DIGITAL BOARD (4/5) –



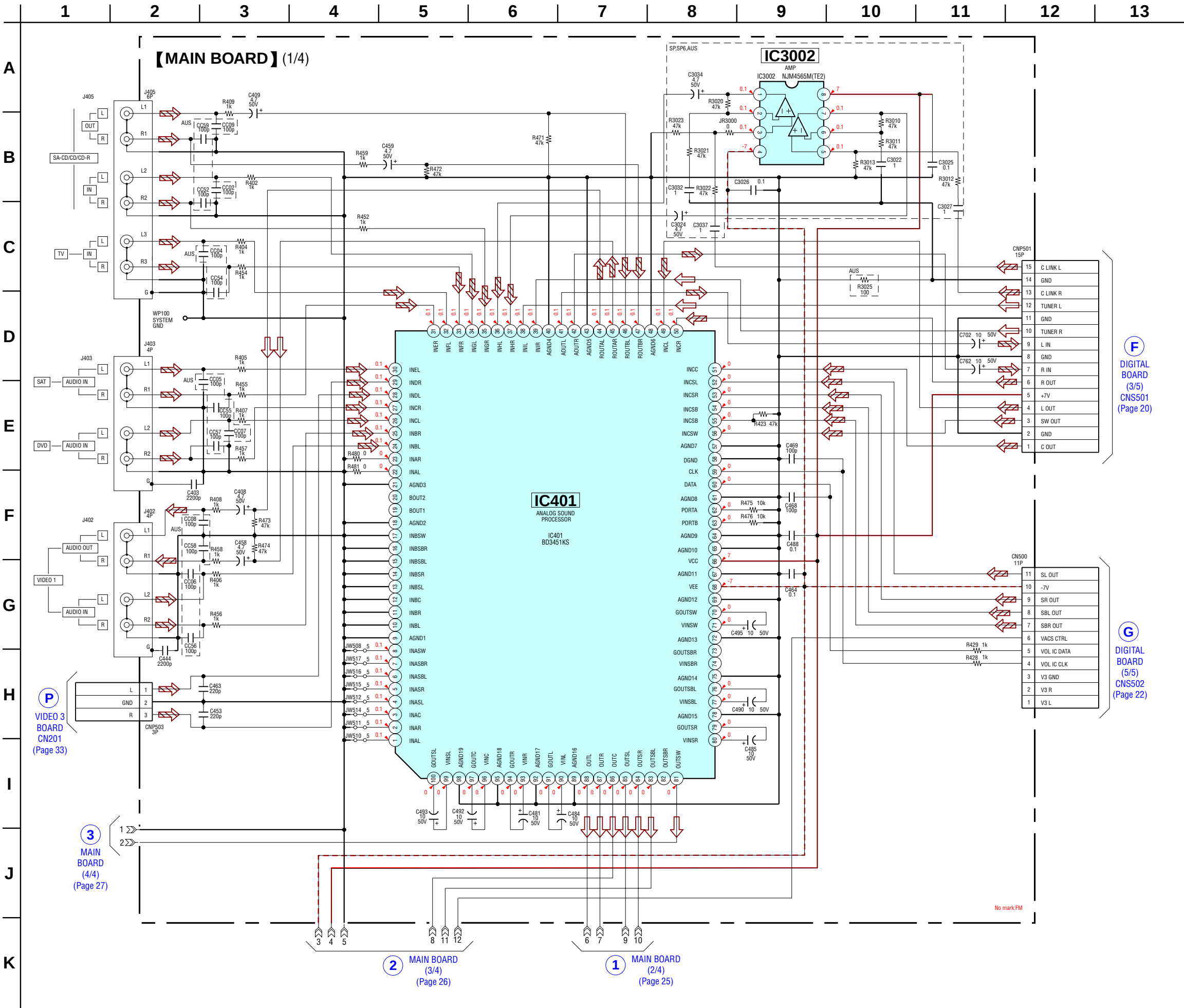
Ver. 1.1

4-9. SCHEMATIC DIAGRAM – DIGITAL BOARD (5/5) – • See page 13 for Waveform. • See page 41 for IC Pin Function Description.

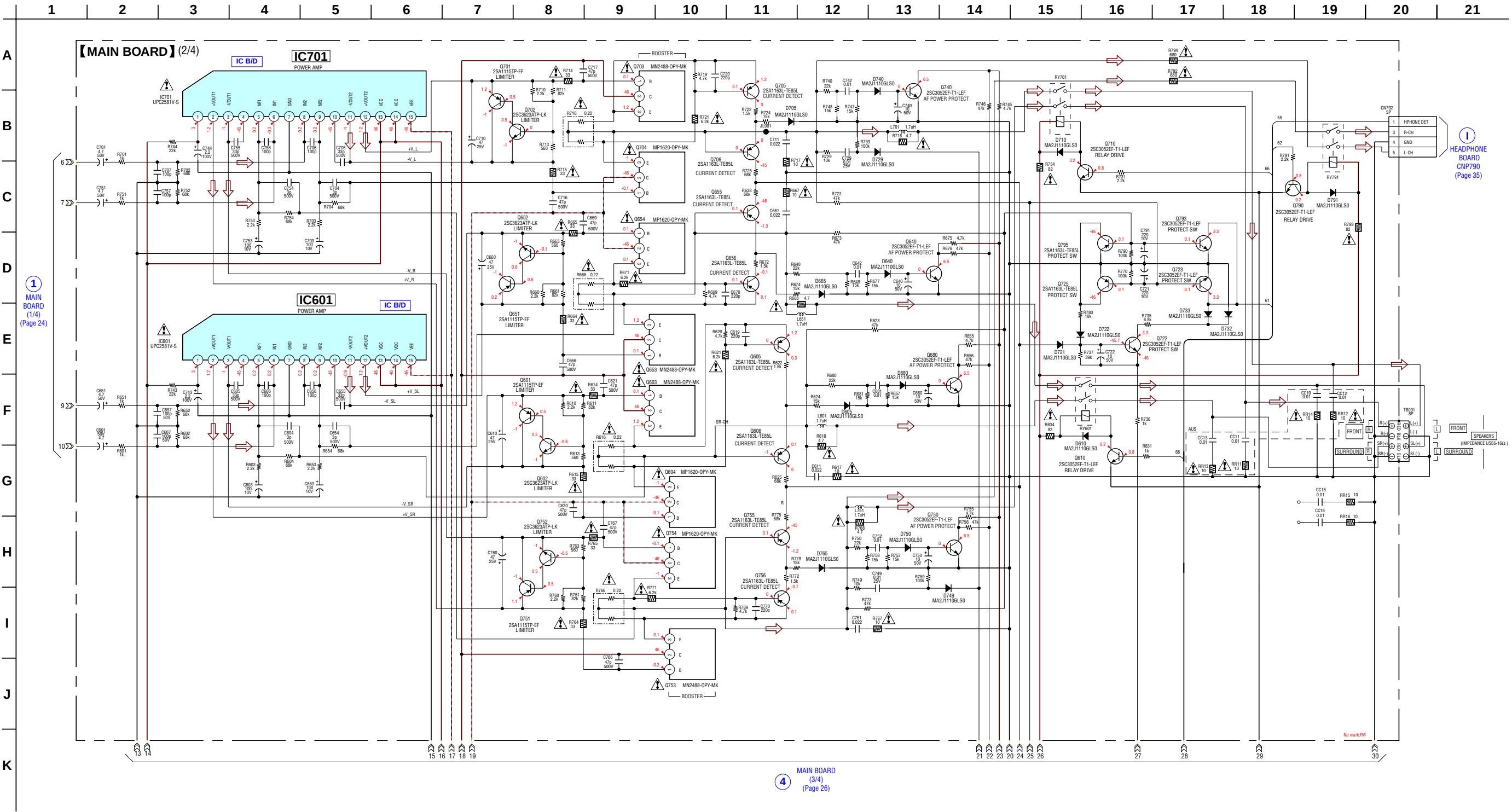


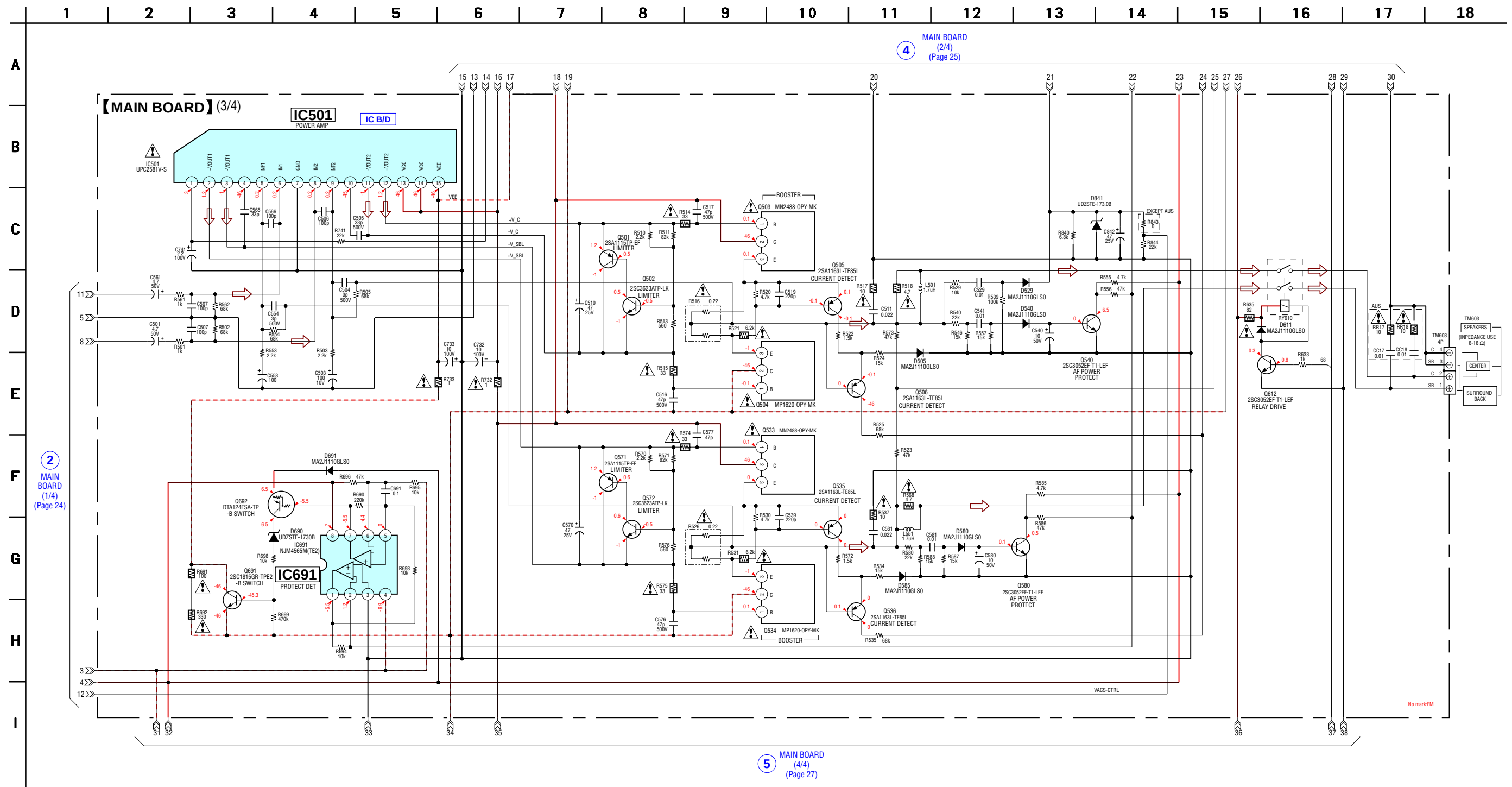


Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D505	H-5	D705	H-7	D804	F-13	IC802	E-7	Q560	D-7	Q652	I-9	Q710	D-10	Q795	G-12
D529	H-6	D710	E-10	D805	F-14	IC3002	D-3	Q571	H-4	Q653	I-9	Q722	G-11	Q801	G-13
D540	H-5	D721	H-11	D806	F-14			Q572	I-4	Q654	I-10	Q723	G-12		
D560	D-7	D722	H-11	D807	F-14	Q501	H-6	Q580	H-3	Q655	H-9	Q725	G-12		
D580	H-3	D729	G-7	D808	F-14	Q502	I-6	Q601	H-13	Q656	H-9	Q740	H-6		
D585	H-3	D732	G-12	D841	F-3	Q503	I-5	Q602	I-13	Q680	H-12	Q750	H-10		
D605	H-12	D733	G-12	D896	E-7	Q504	I-6	Q603	I-12	Q691	F-8	Q751	H-11		
D610	E-10	D740	H-6			Q505	H-6	Q604	I-13	Q692	E-8	Q752	I-11		
D611	E-11	D749	G-10	IC401	F-5	Q506	H-6	Q605	H-13	Q701	H-7	Q753	I-10		
D640	H-8	D750	H-10	IC501	G-4	Q533	I-3	Q606	H-13	Q702	I-7	Q754	I-11		
D665	H-9	D765	H-10	IC601	F-9	Q534	I-4	Q610	D-10	Q703	I-7	Q755	H-11		
D680	H-12	D791	H-13	IC691	E-9	Q535	H-4	Q612	E-11	Q704	I-8	Q756	H-11		
D690	E-8	D801	G-13	IC701	G-7	Q536	H-4	Q640	G-9	Q705	H-8	Q790	H-14		
D691	E-8	D802	D-13	IC801	E-7	Q540	H-4	Q651	H-9	Q706	H-7	Q793	H-13		



4-12. SCHEMATIC DIAGRAM – MAIN BOARD (2/4) – • See page 38 for IC Block Diagrams.







- See page 13 for Circuit Boards Location.

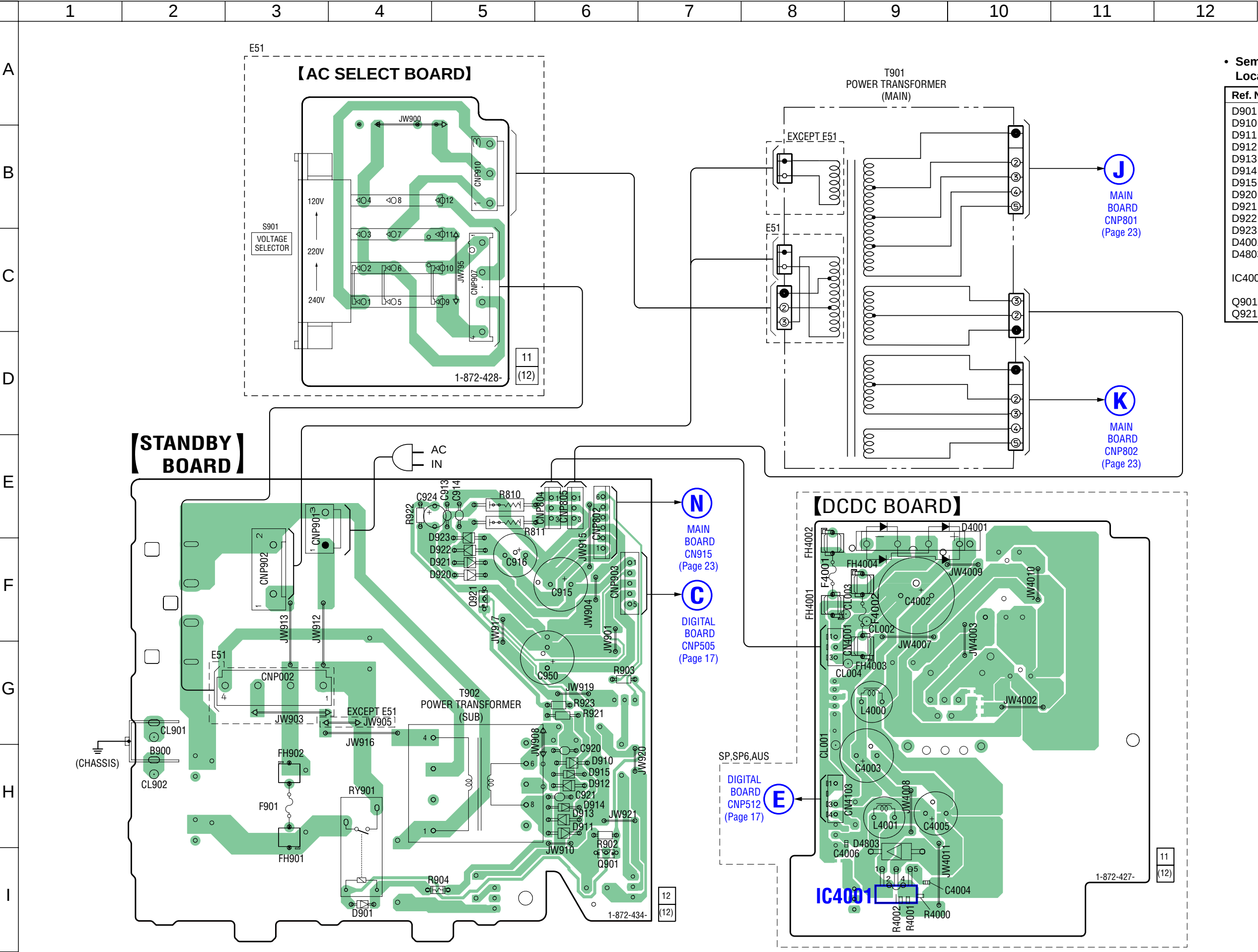


:Uses unleaded solder.



29

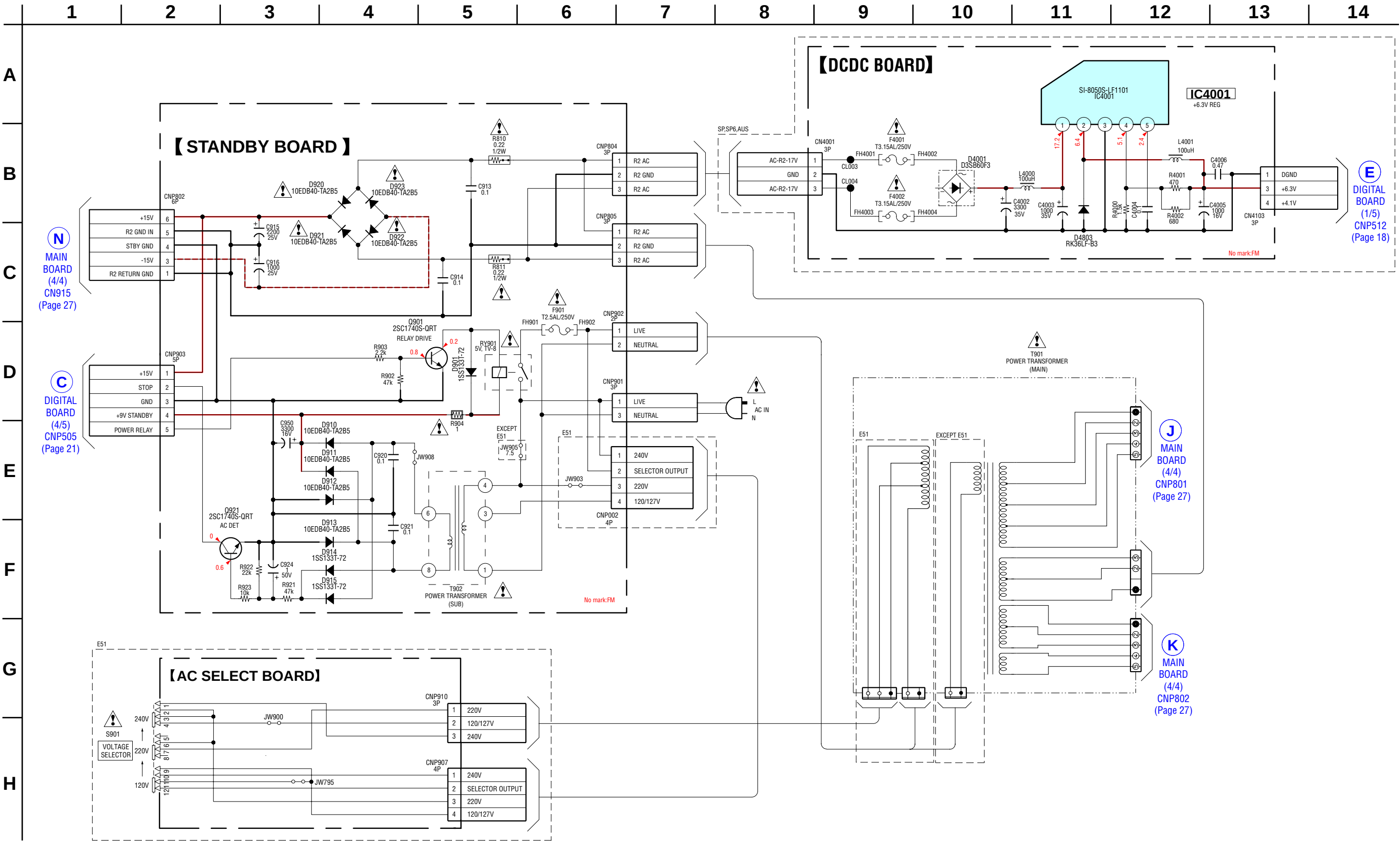


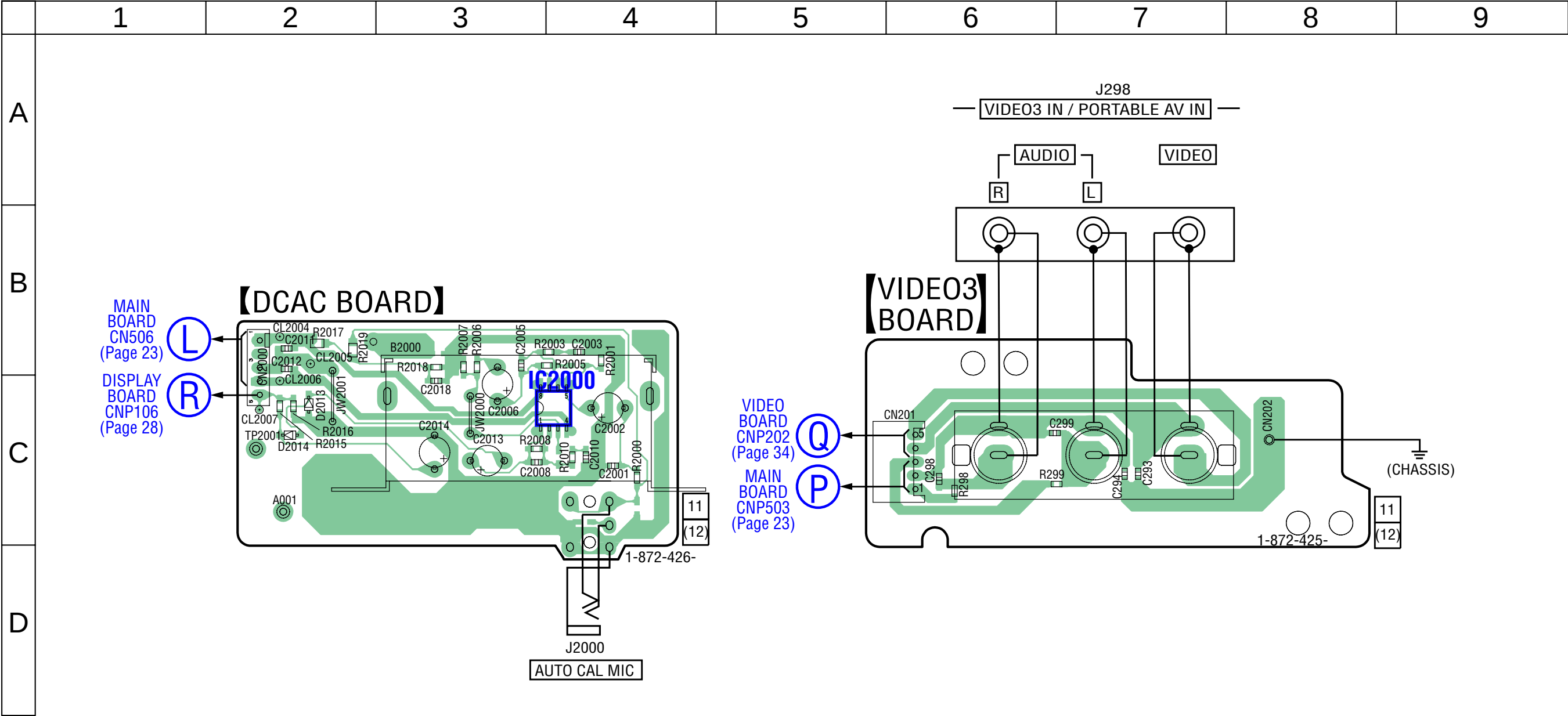


• Semiconductor Location

Ref. No.	Location
D901	I-4
D910	H-6
D911	H-6
D912	H-6
D913	H-6
D914	H-6
D915	H-6
D920	F-5
D921	F-5
D922	F-5
D923	E-5
D4001	E-10
D4803	H-9
IC4001	I-9
Q901	H-6
Q921	F-5

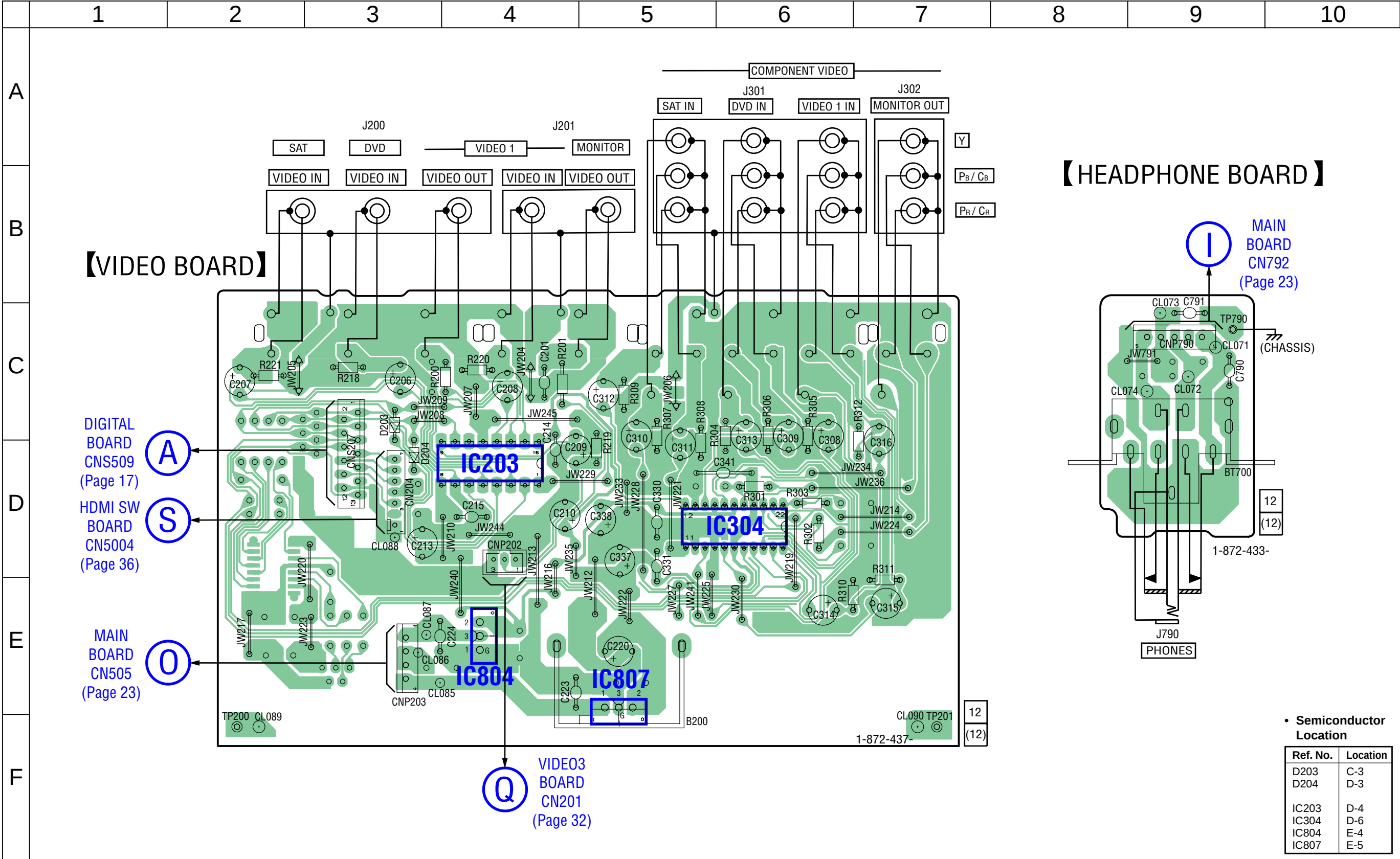
4-18. SCHEMATIC DIAGRAM – STANDBY BOARD, DCDC BOARD, AC SELECT BOARD (E51 only) –



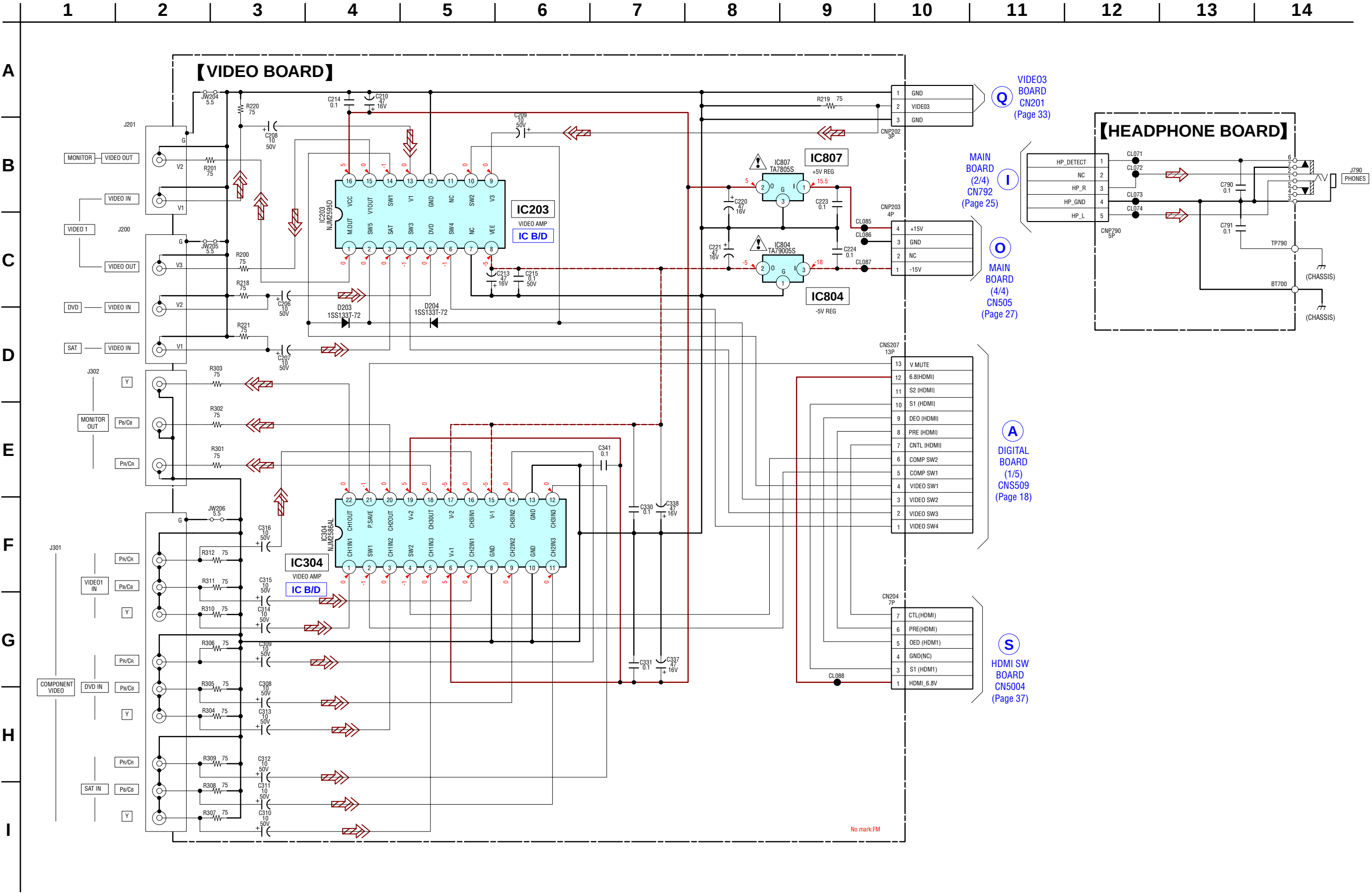


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4-22. SCHEMATIC DIAGRAM – VIDEO BOARD, HEADPHONE BOARD – • See page 40 for IC Block Diagrams.

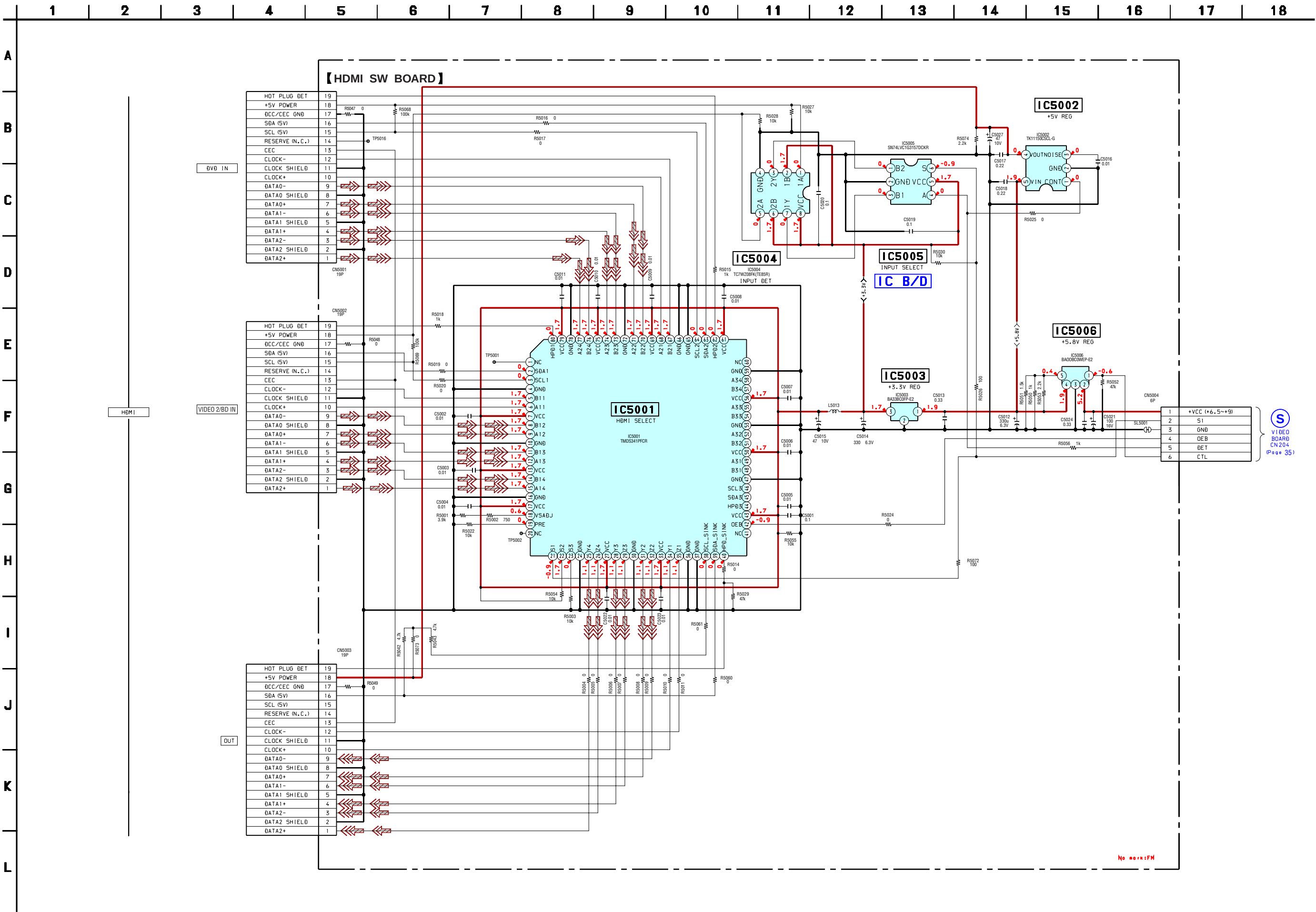




- **Semiconductor Location**

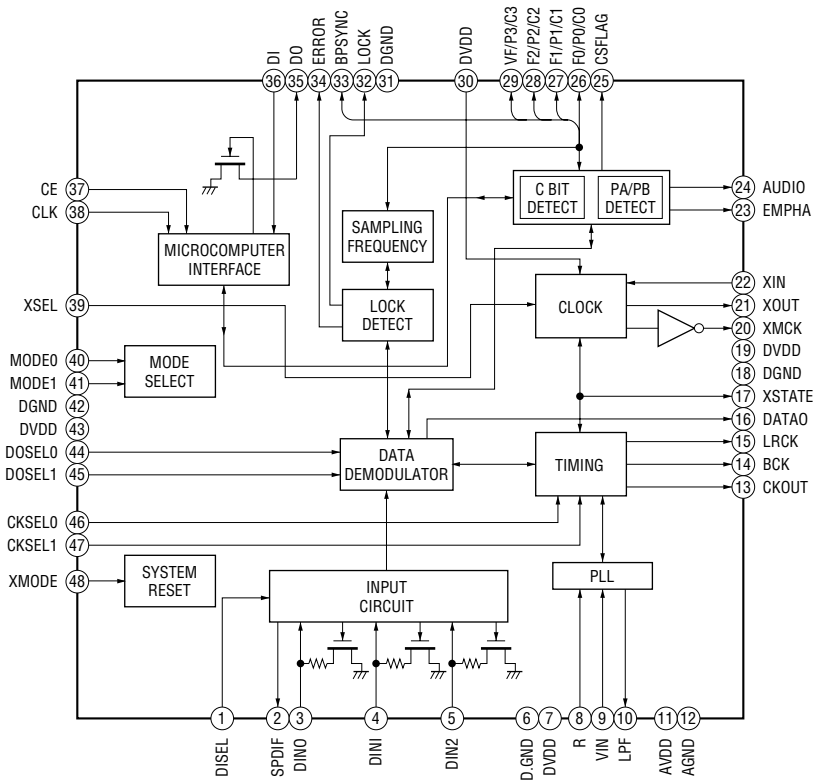
Ref. No.	Location
IC5001	B-3
IC5002	B-1
IC5003	B-2
IC5004	C-2
IC5005	C-2
IC5006	A-4

4-24. SCHEMATIC DIAGRAM – HDMI SW BOARD – • See page 39 for IC Block Diagram.



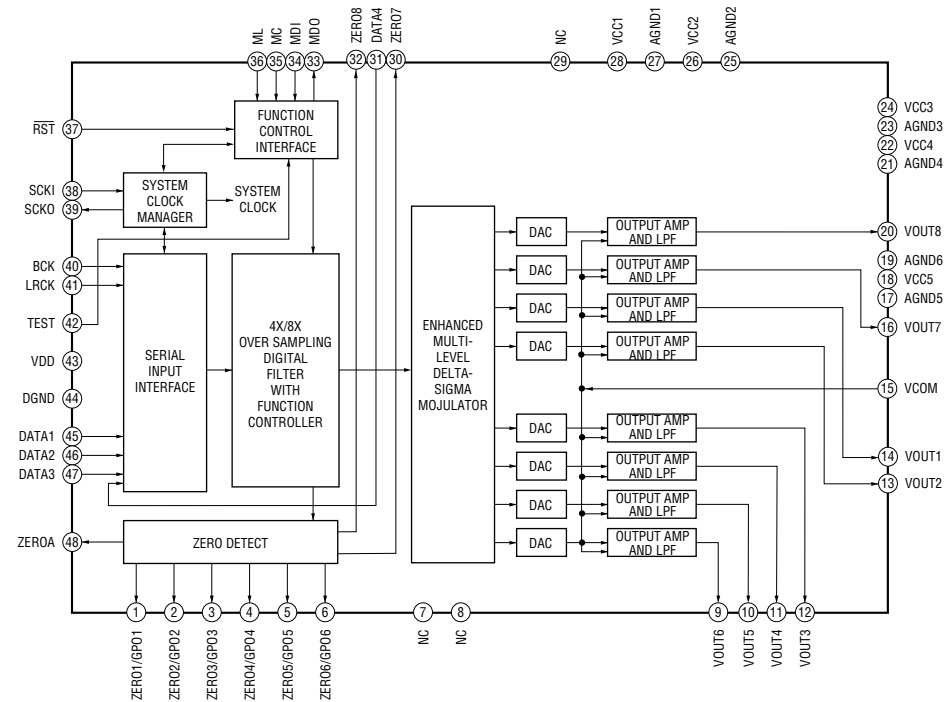
- IC Block Diagrams
 - DIGITAL Board –

IC1301 LC89056W-E

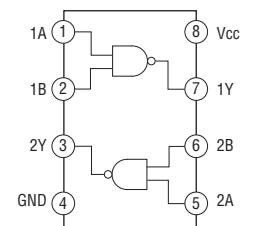


– DIGITAL Board –

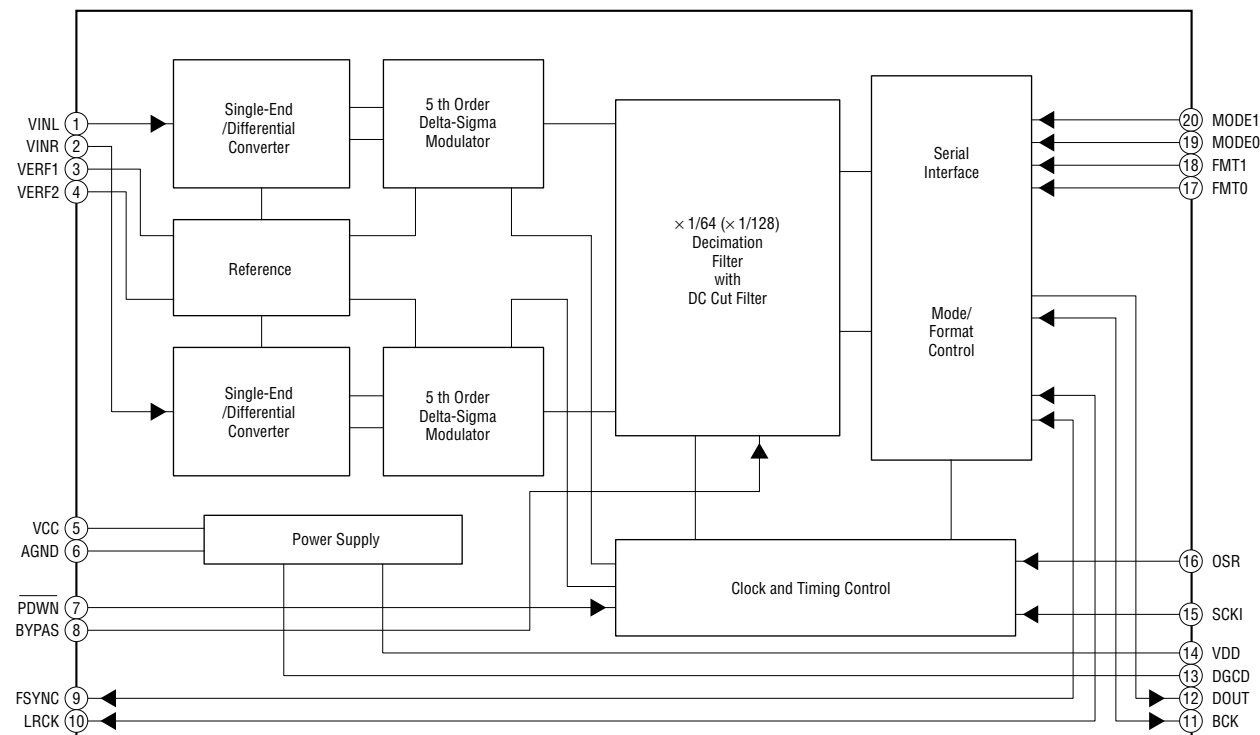
IC1452 PCM1609APT



IC1503 TC7WH157FU

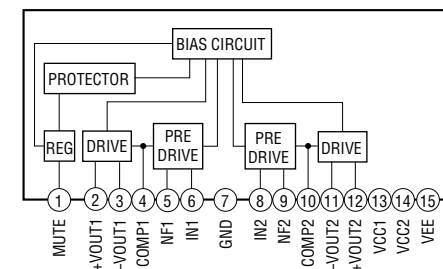


IC1401 PCM1803DBR



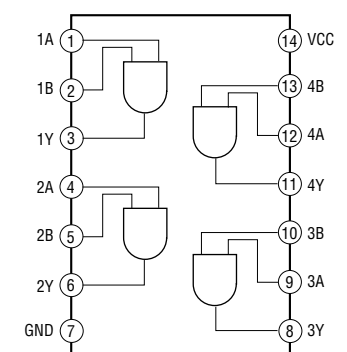
– MAIN Board –

IC501, IC601, IC701 uPC2581V-S



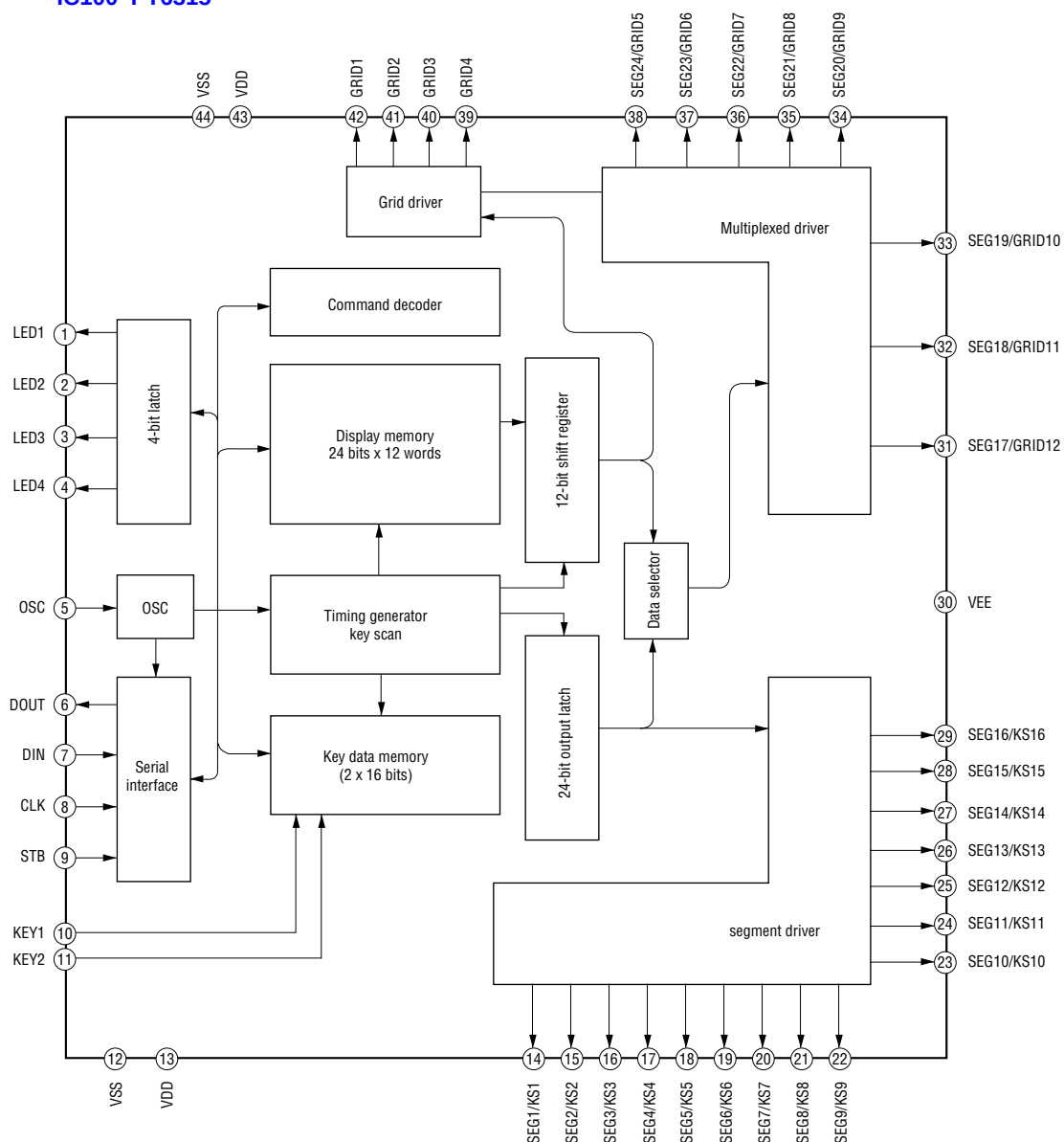
– DISPLAY Board –

IC101 TC74ACT08P



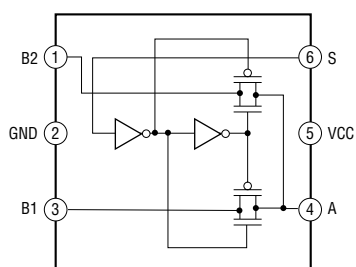
– DISPLAY Board –

IC100 PT6315



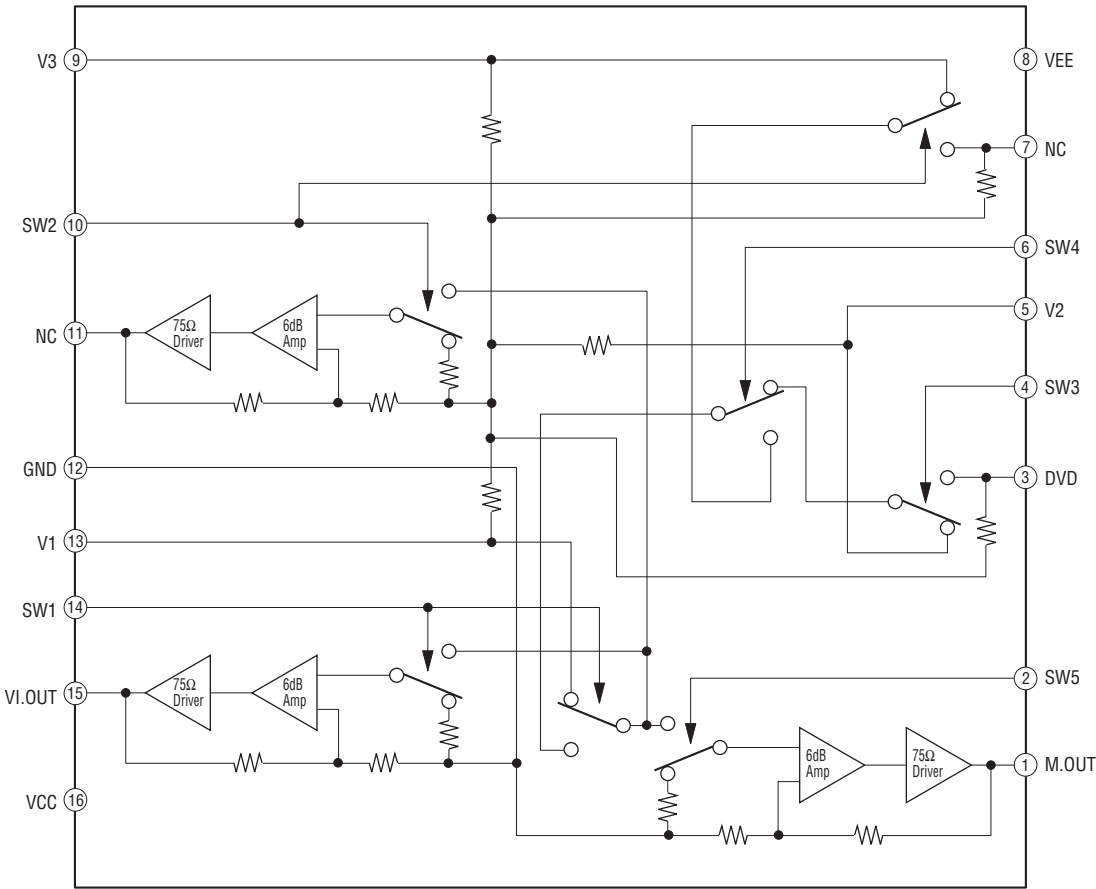
– HDMI SW Board –

IC5005 SN74LVC1G3157DCKR

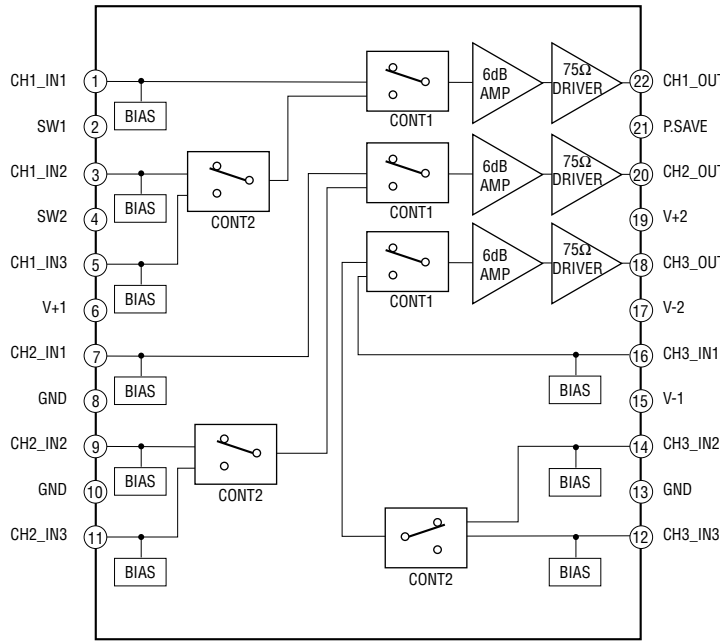


– VIDEO Board –

IC203 NJM2595D



IC304 NJM2586AL



• IC Pin Function Description

DIGITAL BOARD IC1101 MB90F045PF-G-9034-SPE1 (SYSTEM CONTROLLER)

Pin No.	Pin Name	I/O	Description
1	DATAO	I	Audio data signal input from DIR
2	GP9	I	GP9 signal input from DSP
3	BST	O	BST signal output to DSP
4	HCS	O	HCS signal output to DSP
5	HACN	I	HACN signal input from DSP
6	XRST	O	Reset signal output to DSP
7	PM	O	PM signal output to DSP
8	GP12	O	GP12 signal output to DSP
9	FL_LAT	O	FL driver latch signal output
10	PCM1609/1803_RST	O	IC reset signal output to DAC and ADC
11	VSS	—	Ground terminal
12	PCM1609_ML	O	Latch signal output to DAC
13	PCM1609_MC	O	Clock signal output to DAC
14	PCM1609_MDI	O	IC data output to DAC
15	PCM1609_MDO	I	IC data input from DAC
16	FL_CLK	O	FL driver clock signal output terminal
17	FL_DATA	O	FL driver data signal output terminal
18	HDOUT	I	HDOUT signal input from DSP
19	HDIN	O	HDIN signal output to DSP
20	HCLK	O	Clock signal output to DSP
21	TUNING_A	I	Tuning encoder input (not used)
22	TUNING_B	I	Tuning encoder input (not used)
23	VCC5	—	Power supply (+3.3V)
24	V_SW1	O	Composite video signal select 1
25	V_SW2	O	Composite video signal select 2
26	C LINK_DET	I	C link detect input (SP, SP6, AUS : Not used (Open))
27	FLASH2/C LINK_RX (MICLO)	I	C link Rx data input (SP, SP6, AUS : Not used (Open))
28	FLASH1/C LINK_TX (MDCLI)	O	C link Tx data output (SP, SP6, AUS : Not used (Open))
29	SDA	I	EEPROM data signal input terminal
30	SCL	O	EEPROM clock signal output terminal
31	ENC_A	I	Input selector Encoder (A) signal input
32	ENC_B	I	Input selector Encoder (B) signal input
33	NC	—	Not used (Open)
34	NC	—	Not used (Open)
35	AVCC	—	Analog power supply (+3.3V)
36	AVRH	I	Analog reference voltage input (+3.3V)
37	AVSS	—	Analog ground terminal
38	ADCC	I	ADCC signal input
39	A/D1	I	Function key push signal input
40	A/D2	I	Function key push signal input
41	VERSION	I	Version setting input terminal (DESTINATION)
42	VSS	—	Ground terminal
43	TUNER SD	I	RDS signal detect input
44	MODEL	I	MODEL select input
45	VAX CTRL	I	Vacs control input (AUS : Not used)

Pin No.	Pin Name	I/O	Description
46	TUNER CLK	O	Tuner clock signal output
47	TUNER DATA	O	Tuner data signal output
48	STOP	I	AC off detect signal input
49	MD0	I	Operation mode setting input
50	MD1	I	Operation mode setting input
51	MD2	I	Operation mode setting input
52	RDS_CLK	I	RDS clock signal input (Not used (Fixed “L”))
53	RDS_DATA	I	RDS data signal input (Not used (Fixed “L”))
54	SIRCS	I	Data signal input from the remote control sensor
55	HP_DETECT	I	Headphone signal input
56	POWER_KEY	I	Power switch key detect signal input
57	ADCC_INT	I	ADCC interrupt input
58	POWER_RY	O	Power relay control signal output
59	VOL_IC_CL	O	Volume IC clock signal output
60	VOL_IC_DA	O	Volume IC data and latch signal output
61	PROTECTOR	I	Protector status detect signal input
62	HP_RY	O	Headphone relay control signal output
63	FUSE_DETECT	I	Fuse detect signal input
64	VOL_ENCODER (B)	I	Volume signal input from rotary encoder
65	VOL_ENCODER (A)	I	Volume signal input from rotary encoder
66	FRONT_RY/DG51_FB	O	Front A speaker relay control signal output
67	FRONT_B_RY/DG51_FA	O	Front B speaker control signal output
68	DC-CONTROL	O	Center speaker relay control signal output
69	C/REAR/SB_RY	O	Center, rear, surround back speaker control signal output
70	SW_RY	O	Sub woofer control signal output
71	NC	O	Not used (Open)
72	BRIDGABLE_RY	O	Bridgeable relay control output (Not used (Open))
73	DO/SD/ST	I	Frequency data signal input from the tuner
74	SLATCH	O	Latch signal output to the tuner
75	V_SW3	O	Composite video signal select 3
76	V_SW4	O	Composite video signal select 4
77	RSTX	I	System reset input
78	COMP MUTE	O	Composite video muting signal output
79	XIA	—	Not used (Open)
80	XOA	—	Ground terminal
81	VSS	—	Ground terminal
82	X0	—	Connection for a crystal resonator
83	X1	—	Connection for a crystal resonator
84	VCC3	—	Power supply (+3.3V)
85	HDMI_S2	O	HDMI select 2 (not used)
86	HDMI_S1	O	HDMI select 1 (not used)
87	HDMI_OED	O	HDMI output enable
88	HDMI_PRE	O	HDMI PRE
89	HDMI_CTRL	O	HDMI board control
90	COMP_S2	O	Composite video select 2
91	COMP_S1	O	Composite video select 1
92	BST_SEL	O	BST signal output terminal
93	XMODE	O	Reset signal output to DIR
94	CKSEL 1	O	CKSEL control signal output to DIR

Pin No.	Pin Name	I/O	Description
95	CLK	O	Clock signal output to DIR
96	CE	O	Chip enable signal output to DIR
97	DI	O	Data signal output to DIR
98	DO	I	Data signal input from DIR
99	ERROR	I	PLL error muting signal input from DIR
100	XSTATE	I	XSTATE data signal input from DIR

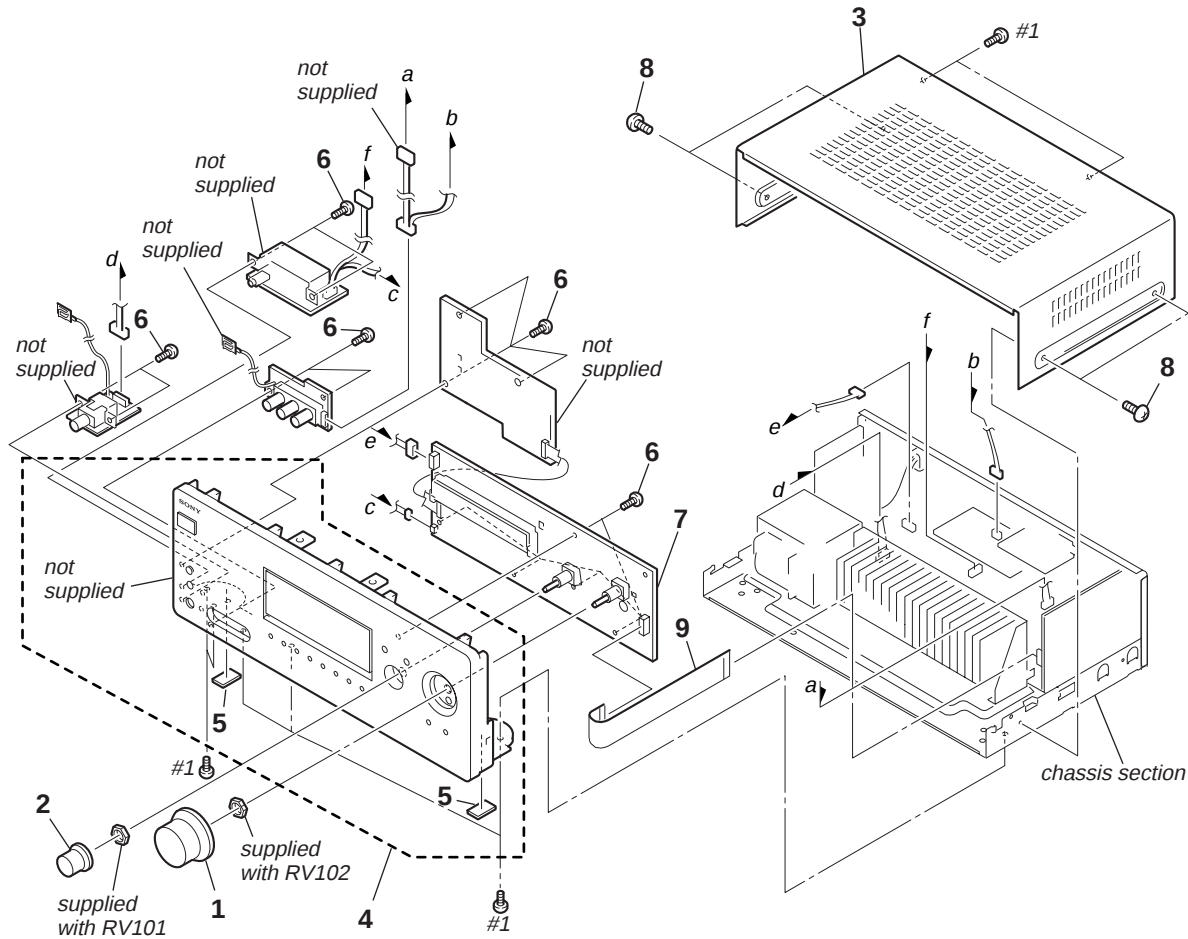
SECTION 5
EXPLODED VIEWS

- NOTE:
- XX and -X mean standardized parts, so they may have some difference from the original one.
 - 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
 - AR : Argentine model
 - AUS : Australian model
 - E51 : Chilean and Peruvian models
 - SP : Singapore model
 - SP6 : Singapore and Malaysia models

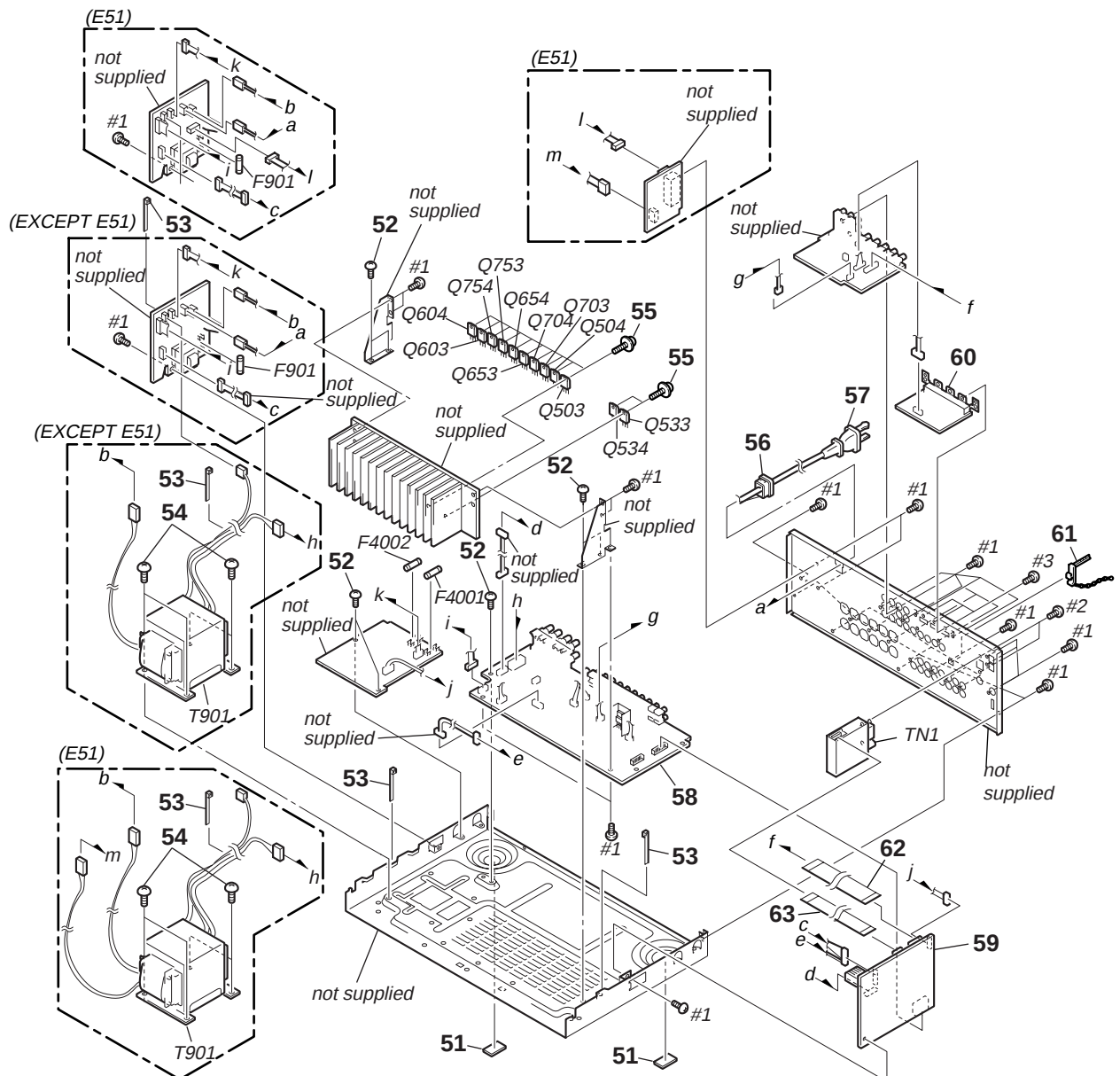
The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

5-1. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	2-661-142-11	VOLUME KNOB		7	A-1222-885-A	DISPLAY BOARD, COMPLETE (SP, SP6, AUS)	
2	2-661-141-11	MENU KNOB		7	A-1222-887-A	DISPLAY BOARD, COMPLETE (E51)	
3	2-661-145-31	CASE		7	A-1222-888-A	DISPLAY BOARD, COMPLETE (AR)	
4	X-2176-060-1	FRONT PANEL ASSY		8	3-363-099-11	SCREW (CASE 3 TP2)	
5	4-977-358-11	CUSHION		9	1-829-004-11	WIRE (FLAT TYPE) (19 CORE)	
6	3-087-053-01	+BVTP2.6 (3CR)		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

5-2. CHASSIS SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	4-977-358-11	CUSHION		△F4002	1-532-465-33	FUSE (T3.15AL/250V) (SP, SP6, AUS)	
52	3-077-331-21	+BV3 (3-CR)		△F901	1-532-464-33	FUSE (T2.5AL/250V)	
53	3-701-748-00	CLAMP		△Q503	6-702-390-01	IC MN2488-OPY-MK	
54	4-249-675-01	+BV SUMITITE S 4X6 ROUND					
55	3-905-609-01	SCREW (TRANSISTOR)		△Q504	6-702-391-01	IC MP1620-OPY-MK	
* 56	3-703-244-00	BUSHING (2104), CORD		△Q533	6-702-390-01	IC MN2488-OPY-MK	
△57	1-777-071-83	CORD, POWER (SP, SP6, E51)		△Q534	6-702-391-01	IC MP1620-OPY-MK	
△57	1-783-941-12	CORD, POWER (AR)		△Q603	6-702-390-01	IC MN2488-OPY-MK	
△57	1-833-566-21	POWER-SUPPLY CORD (AUS)		△Q604	6-702-391-01	IC MP1620-OPY-MK	
58	A-1222-874-A	MAIN BOARD, COMPLETE (SP, SP6)		△Q653	6-702-390-01	IC MN2488-OPY-MK	
58	A-1222-875-A	MAIN BOARD, COMPLETE (AUS)		△Q654	6-702-391-01	IC MP1620-OPY-MK	
58	A-1222-876-A	MAIN BOARD, COMPLETE (AR, E51)		△Q703	6-702-390-01	IC MN2488-OPY-MK	
59	A-1222-899-A	DIGITAL BOARD, COMPLETE (SP, SP6)		△Q704	6-702-391-01	IC MP1620-OPY-MK	
59	A-1222-900-A	DIGITAL BOARD, COMPLETE (AUS)		△Q753	6-702-390-01	IC MN2488-OPY-MK	
59	A-1222-901-A	DIGITAL BOARD, COMPLETE (E51)		△Q754	6-702-391-01	IC MP1620-OPY-MK	
59	A-1222-902-A	DIGITAL BOARD, COMPLETE (AR)		△T901	1-443-525-11	POWER TRANSFORMER (EXCEPT E51)	
60	A-1158-394-A	HDMI SW BOARD, COMPLETE		△T901	1-443-526-11	POWER TRANSFORMER (E51)	
61	4-956-370-12	BAND, PLUG FIXED (AUS)		TN1	1-693-733-11	TUNER (FM/AM) (AR, E51)	
62	1-828-972-11	WIRE (FLAT TYPE) (13 CORE)		TN1	1-693-735-11	TUNER (FM/AM) (SP, SP6, AUS)	
63	1-828-953-11	WIRE (FLAT TYPE) (9 core)		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
△F4001	1-532-465-33	FUSE (T3.15AL/250V) (SP, SP6, AUS)		#2	7-685-862-01	SCREW +BVTT 2.6X6 (S)	
				#3	7-685-871-01	SCREW +BVTT 3X6 (S)	

AC SELECT

DCAC

DCDC

DIGITAL

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
- COILS
uH: μ H
CAPACITORS
uF: μ F
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. .

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

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

Ref. No.	Part No.	Description	Remark			
		AC SELECT BOARD (E51)	*****			
		< CONNECTOR >				
* CNP910	1-564-687-11	PIN, CONNECTOR (3.96mm PITCH) 3P				
		< SWITCH >				
$\triangle$ S901	1-571-437-21	SWITCH, POWER VOLTAGE CHANGE (VOLTAGE SELECTOR)	*****			
		DCAC BOARD	*****			
		< CAPACITOR >				
C2001	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C2002	1-126-160-11	ELECT	1uF	20%	50V	
C2003	1-164-373-11	CERAMIC CHIP	0.033uF		25V	
C2005	1-162-921-11	CERAMIC CHIP	33PF	5%	50V	
C2006	1-126-160-11	ELECT	1uF	20%	50V	
C2008	1-162-924-11	CERAMIC CHIP	56PF	5%	50V	
C2010	1-164-373-11	CERAMIC CHIP	0.033uF		25V	
C2011	1-162-995-11	CERAMIC CHIP	0.022uF		50V	
C2012	1-162-995-11	CERAMIC CHIP	0.022uF		50V	
C2013	1-126-160-11	ELECT	1uF	20%	50V	
C2014	1-124-465-00	ELECT	0.47uF	20%	50V	
C2018	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
		< DIODE >				
D2013	8-719-988-61	DIODE 1SS355TE-17				
D2014	8-719-988-61	DIODE 1SS355TE-17				
		< IC >				
IC2000	8-759-710-97	IC NJM4565M-D				
		< JACK >				
J2000	1-820-056-11	SMALL TYPE JACK (AUTO CAL MIC)				
		< RESISTOR >				
R2000	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R2001	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R2003	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R2005	1-216-857-11	METAL CHIP	1M	5%	1/10W	
R2006	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R2007	1-216-833-11	METAL CHIP	10K	5%	1/10W	

Ref. No.	Part No.	Description	Remark			
R2008	1-216-854-11	METAL CHIP	560K	5%	1/10W	
R2010	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R2015	1-216-839-11	METAL CHIP	33K	5%	1/10W	
R2016	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R2017	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R2018	1-216-822-11	METAL CHIP	1.2K	5%	1/10W	
R2019	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	

DCDC BOARD (SP, SP6, AUS)						

1-533-313-11 FUSE HOLDER						
< CAPACITOR >						
C4002	1-128-549-11	ELECT	3300uF	20%	35V	
C4003	1-128-959-21	ELECT	1000uF	20%	35V	
C4004	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
C4005	1-128-950-21	ELECT	1000uF	20%	16V	
C4006	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V	
< DIODE >						
D4001	8-719-077-77	DIODE D3SB60F3				
D4803	8-719-080-53	DIODE RK36LF-B3				
< IC >						
IC4001	8-759-474-09	IC SI-8050S-LF1101				
< COIL >						
L4000	1-456-545-11	INDUCTOR	100uH			
L4001	1-456-545-11	INDUCTOR	100uH			
< RESISTOR >						
R4000	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	
R4001	1-216-817-11	METAL CHIP	470	5%	1/10W	
R4002	1-216-819-11	METAL CHIP	680	5%	1/10W	

A-1222-899-A DIGITAL BOARD, COMPLETE (SP, SP6)						
A-1222-900-A DIGITAL BOARD, COMPLETE (AUS)						
A-1222-901-A DIGITAL BOARD, COMPLETE (E51)						
A-1222-902-A DIGITAL BOARD, COMPLETE (AR)						

7-685-646-79 SCREW +BVTP 3X8 TYPE2 IT-3						
< CAPACITOR >						
C1001	1-126-925-91	ELECT	470uF	20%	10V	

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C1002	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V	C1362	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1004	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1401	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1005	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1402	1-126-947-11	ELECT	47uF	20%	35V
C1019	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1403	1-126-964-11	ELECT	10uF	20%	50V
C1021	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V	C1404	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1022	1-135-372-31	ELECT	470uF	20%	10V	C1405	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1031	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V	C1406	1-126-964-11	ELECT	10uF	20%	50V
C1032	1-135-372-31	ELECT	470uF	20%	10V	C1407	1-126-964-11	ELECT	10uF	20%	50V
C1067	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C1408	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1068	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C1409	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1100	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1411	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1102	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1413	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1103	1-126-947-11	ELECT	47uF	20%	35V	C1414	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1107	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1415	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1108	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1418	1-126-964-11	ELECT	10uF	20%	50V
C1118	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1420	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1119	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1422	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1120	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1423	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1121	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1428	1-126-964-11	ELECT	10uF	20%	50V
C1122	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1432	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1123	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1433	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1124	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1438	1-126-964-11	ELECT	10uF	20%	50V
C1129	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1441	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1131	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1442	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1132	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1448	1-126-964-11	ELECT	10uF	20%	50V
C1137	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C1450	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1138	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1451	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1139	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1453	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1140	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1454	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1142	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1455	1-126-964-11	ELECT	10uF	20%	50V
C1144	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1457	1-126-964-11	ELECT	10uF	20%	50V
C1145	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1458	1-126-964-11	ELECT	10uF	20%	50V
C1149	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C1460	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1171	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1461	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1172	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1462	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1253	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C1463	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1254	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C1468	1-126-964-11	ELECT	10uF	20%	50V
C1255	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C1471	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1299	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1472	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1301	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1473	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1302	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1474	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1303	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1475	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1304	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V	C1478	1-126-964-11	ELECT	10uF	20%	50V
C1305	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1481	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1306	1-126-947-11	ELECT	47uF	20%	35V	C1483	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1308	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1487	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1309	1-162-918-11	CERAMIC CHIP	18PF	5%	50V	C1491	1-126-964-11	ELECT	10uF	20%	50V
C1310	1-162-918-11	CERAMIC CHIP	18PF	5%	50V	C1494	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1312	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1495	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C1313	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C1501	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1314	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1502	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1315	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1503	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1351	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1504	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1354	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1505	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1355	1-104-662-91	ELECT	22uF	20%	25V	C1506	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1358	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	C1507	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1359	1-126-916-11	ELECT	1000uF	20%	6.3V	C1508	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1361	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V						

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DIGITAL

Ref. No.	Part No.	Description	Remark		
C1509	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1510	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1511	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1513	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1514	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1515	1-126-925-91	ELECT	470uF	20%	10V
C1516	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1517	1-126-925-91	ELECT	470uF	20%	10V
C1518	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1519	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1520	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1521	1-162-920-11	CERAMIC CHIP	27PF	5%	50V
C1522	1-162-920-11	CERAMIC CHIP	27PF	5%	50V
C1525	1-126-925-91	ELECT	470uF	20%	10V
C1547	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1557	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1566	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1567	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1568	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1569	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1604	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1605	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1620	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1639	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
(SP, SP6, AUS)					
C1905	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C1906	1-126-925-91	ELECT	470uF	20%	10V
C1908	1-126-925-91	ELECT	470uF	20%	10V
C1910	1-165-722-11	ELECT	100uF	20%	10V
(SP, SP6, AUS)					
C1911	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
(SP, SP6, AUS)					
C1913	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
C1914	1-126-947-11	ELECT	47uF	20%	35V
C1919	1-126-965-11	ELECT	22uF	20%	50V
(SP, SP6, AUS)					
C1920	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
(SP, SP6, AUS)					
C1921	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
(SP, SP6, AUS)					
< CONNECTOR >					
CNP503	1-691-770-11	PLUG (MICRO CONNECTOR) 8P			
* CNP505	1-564-510-11	PLUG, CONNECTOR 7P			
* CNP512	1-564-506-11	PLUG, CONNECTOR 3P (SP, SP6, AUS)			
CNS501	1-573-829-11	CONNECTOR, BOARD TO BOARD			
(RECEPTACLE) 15P					
CNS502	1-573-825-11	CONNECTOR, BOARD TO BOARD			
(RECEPTACLE) 11P					
CNS504	1-784-731-11	CONNECTOR, FFC 9P			
CNS507	1-568-828-11	CONNECTOR, FFC 9P			
CNS509	1-784-774-11	CONNECTOR, FFC 13P			
CNS514	1-784-780-11	CONNECTOR, FFC 19P			
< 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	8-719-404-50	DIODE MA111-TX			
D1108	8-719-404-50	DIODE MA111-TX			

Ref. No.	Part No.	Description	Remark
D1109	8-719-404-50	DIODE MA111-TX	
D1110	8-719-404-50	DIODE MA111-TX	
D1111	8-719-404-50	DIODE MA111-TX	
D1301	8-719-404-50	DIODE MA111-TX	
D1302	8-719-404-50	DIODE MA111-TX	
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	
FB1308	1-400-862-11	BEAD, FERRITE	
FB1310	1-400-862-11	BEAD, FERRITE	
FB1350	1-400-862-11	BEAD, FERRITE	
FB1403	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	
FB1504	1-469-670-21	FERRITE, EMI (SMD) (2012) (SP, SP6, AUS)	
FB1505	1-400-862-11	BEAD, FERRITE (SP, SP6, AUS)	
< IC >			
IC1001	8-759-231-53	IC TA7805S	
△ IC1031	6-705-469-01	IC BA50BC0FP-E2	
IC1101	6-807-153-01	IC MB90F045PF-G-9034-SPE1	
IC1111	6-702-913-01	IC S-80929CNMC-G8ZT2G	
IC1131	6-705-866-01	IC BR24L16FJ-WE2	
IC1301	8-759-825-15	IC LC89056W-E	
IC1303	8-759-096-87	IC TC7WU04FU (TE12R)	
IC1351	6-600-466-01	IC TORX147L (SONY) (VIDEO 2 / BD IN)	
IC1354	6-600-466-01	IC TORX147L (SONY) (SAT IN)	
IC1401	6-707-608-01	IC PCM1803DBR	
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)	
△ IC1902	8-759-231-56	IC TA7809S	
△ IC1903	6-701-887-02	IC SI-3004KWF	
△ IC1904	6-705-468-01	IC BA33BC0FP-E2	
IC1906	6-707-745-10	IC SI-3050KM-TL (SP, SP6, AUS)	
< JACK >			
J1301	1-793-446-21	JACK, PIN 1P (COAXIAL)	
J1311	1-817-615-21	CONNECTOR BOARD TO BOARD 18P	
(DMPORT) (SP, SP6, AUS)			

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
< JUMPER RESISTOR >						R1127	1-216-809-11	METAL CHIP	100	5%	1/10W
						R1128	1-216-809-11	METAL CHIP	100	5%	1/10W
JR1002	1-211-950-11	SHORT CHIP	0			R1129	1-216-809-11	METAL CHIP	100	5%	1/10W
JR1005	1-216-864-11	SHORT CHIP	0			R1134	1-216-809-11	METAL CHIP	100	5%	1/10W
JR1008	1-216-864-11	SHORT CHIP	0								
JR1009	1-211-950-11	SHORT CHIP	0			R1135	1-216-809-11	METAL CHIP	100	5%	1/10W
JR1010	1-211-950-11	SHORT CHIP	0			R1140	1-216-809-11	METAL CHIP	100	5%	1/10W
						R1143	1-216-809-11	METAL CHIP	100	5%	1/10W
JR1020	1-216-864-11	SHORT CHIP	0			R1144	1-216-809-11	METAL CHIP	100	5%	1/10W
JR1511	1-400-862-11	BEAD, FERRITE				R1150	1-216-809-11	METAL CHIP	100	5%	1/10W
< RESISTOR >						R1151	1-216-809-11	METAL CHIP	100	5%	1/10W
						R1152	1-216-809-11	METAL CHIP	100	5%	1/10W
R1010	1-216-809-11	METAL CHIP	100	5%	1/10W	R1153	1-216-809-11	METAL CHIP	100	5%	1/10W
R1011	1-216-809-11	METAL CHIP	100	5%	1/10W	R1154	1-216-809-11	METAL CHIP	100	5%	1/10W
R1012	1-216-809-11	METAL CHIP	100	5%	1/10W	R1156	1-216-864-11	SHORT CHIP	0		
R1013	1-216-809-11	METAL CHIP	100	5%	1/10W						
R1014	1-216-809-11	METAL CHIP	100	5%	1/10W	R1157	1-216-864-11	SHORT CHIP	0		
						R1159	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1015	1-216-809-11	METAL CHIP	100	5%	1/10W	R1160	1-216-809-11	METAL CHIP	100	5%	1/10W
R1035	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R1161	1-216-809-11	METAL CHIP	100	5%	1/10W
R1039	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1163	1-216-841-11	METAL CHIP	47K	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	R1164	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
						R1175	1-216-809-11	METAL CHIP	100	5%	1/10W
R1049	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1179	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1050	1-216-809-11	METAL CHIP	100	5%	1/10W	R1180	1-216-833-11	METAL CHIP	10K	5%	1/10W
				(SP, SP6, AUS)		R1181	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1061	1-216-809-11	METAL CHIP	100	5%	1/10W						
R1062	1-216-809-11	METAL CHIP	100	5%	1/10W	R1182	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1065	1-216-809-11	METAL CHIP	100	5%	1/10W	R1183	1-216-833-11	METAL CHIP	10K	5%	1/10W
						R1184	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1066	1-216-809-11	METAL CHIP	100	5%	1/10W	R1185	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1067	1-216-809-11	METAL CHIP	100	5%	1/10W	R1186	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1068	1-216-809-11	METAL CHIP	100	5%	1/10W						
R1072	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R1187	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1073	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R1188	1-216-833-11	METAL CHIP	10K	5%	1/10W
						R1189	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1076	1-216-809-11	METAL CHIP	100	5%	1/10W	R1190	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1077	1-216-809-11	METAL CHIP	100	5%	1/10W	R1191	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1078	1-216-809-11	METAL CHIP	100	5%	1/10W						
R1083	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1192	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1084	1-216-809-11	METAL CHIP	100	5%	1/10W	R1193	1-216-837-11	METAL CHIP	22K	5%	1/10W
										(AR)	
R1088	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1193	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1094	1-216-833-11	METAL CHIP	10K	5%	1/10W					(EXCEPT AR)	
R1095	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1194	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1096	1-216-833-11	METAL CHIP	10K	5%	1/10W					(SP, SP6, AUS)	
R1105	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1194	1-216-837-11	METAL CHIP	22K	5%	1/10W
										(E51)	
R1106	1-216-809-11	METAL CHIP	100	5%	1/10W						
R1107	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R1194	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1108	1-216-825-11	METAL CHIP	2.2K	5%	1/10W					(AR)	
R1110	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R1201	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1111	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R1253	1-216-833-11	METAL CHIP	10K	5%	1/10W
						R1260	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1112	1-216-809-11	METAL CHIP	100	5%	1/10W	R1261	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1114	1-216-825-11	METAL CHIP	2.2K	5%	1/10W						
R1117	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1301	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R1118	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1302	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1120	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1303	1-216-839-11	METAL CHIP	33K	5%	1/10W
						R1304	1-216-809-11	METAL CHIP	100	5%	1/10W
R1121	1-216-809-11	METAL CHIP	100	5%	1/10W	R1305	1-216-819-11	METAL CHIP	680	5%	1/10W
R1122	1-216-809-11	METAL CHIP	100	5%	1/10W						
R1123	1-216-809-11	METAL CHIP	100	5%	1/10W	R1306	1-216-801-11	METAL CHIP	22	5%	1/10W
R1124	1-216-809-11	METAL CHIP	100	5%	1/10W	R1307	1-216-809-11	METAL CHIP	100	5%	1/10W
R1125	1-216-809-11	METAL CHIP	100	5%	1/10W	R1308	1-216-809-11	METAL CHIP	100	5%	1/10W
						R1309	1-216-809-11	METAL CHIP	100	5%	1/10W
R1126	1-216-809-11	METAL CHIP	100	5%	1/10W	R1310	1-216-857-11	METAL CHIP	1M	5%	1/10W

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Ver. 1.1

DIGITAL

Ref. No.	Part No.	Description	Remark		
R1311	1-216-809-11	METAL CHIP	100	5%	1/10W
R1312	1-216-809-11	METAL CHIP	100	5%	1/10W
R1313	1-216-809-11	METAL CHIP	100	5%	1/10W
R1314	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1318	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1319	1-216-864-11	SHORT CHIP	0		
R1321	1-216-864-11	SHORT CHIP	0		
R1323	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1325	1-216-864-11	SHORT CHIP	0		
R1351	1-216-809-11	METAL CHIP	100	5%	1/10W
R1352	1-216-821-11	METAL CHIP	1K	5%	1/10W (SP, SP6, AUS)
R1353	1-216-821-11	METAL CHIP	1K	5%	1/10W (SP, SP6, AUS)
R1354	1-216-809-11	METAL CHIP	100	5%	1/10W
R1355	1-218-285-11	METAL CHIP	75	5%	1/10W
R1356	1-216-817-11	METAL CHIP	470	5%	1/10W
R1357	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1358	1-216-853-91	METAL CHIP	470K	5%	1/10W
R1359	1-216-809-11	METAL CHIP	100	5%	1/10W
R1360	1-216-809-11	METAL CHIP	100	5%	1/10W
R1401	1-216-809-11	METAL CHIP	100	5%	1/10W
R1407	1-216-809-11	METAL CHIP	100	5%	1/10W
R1409	1-216-864-11	SHORT CHIP	0		
R1410	1-216-817-11	METAL CHIP	470	5%	1/10W
R1411	1-216-817-11	METAL CHIP	470	5%	1/10W
R1414	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1416	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1421	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1424	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1425	1-216-864-11	SHORT CHIP	0		
R1426	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1434	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1435	1-216-864-11	SHORT CHIP	0		
R1436	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1444	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1445	1-216-864-11	SHORT CHIP	0		
R1446	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1454	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1455	1-216-864-11	SHORT CHIP	0		
R1463	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1464	1-216-864-11	SHORT CHIP	0		
R1466	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1469	1-216-809-11	METAL CHIP	100	5%	1/10W
R1470	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R1473	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R1474	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1476	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1483	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1484	1-216-864-11	SHORT CHIP	0		
R1486	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1490	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1491	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1492	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1493	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1494	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1495	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1501	1-216-809-11	METAL CHIP	100	5%	1/10W

Ref. No.	Part No.	Description			Remark
R1502	1-216-809-11	METAL CHIP	100	5%	1/10W
R1503	1-216-813-11	METAL CHIP	220	5%	1/10W
R1504	1-216-809-11	METAL CHIP	100	5%	1/10W
R1505	1-216-809-11	METAL CHIP	100	5%	1/10W
R1506	1-216-809-11	METAL CHIP	100	5%	1/10W
R1507	1-216-809-11	METAL CHIP	100	5%	1/10W
R1508	1-216-809-11	METAL CHIP	100	5%	1/10W
R1509	1-216-809-11	METAL CHIP	100	5%	1/10W
R1510	1-216-809-11	METAL CHIP	100	5%	1/10W
R1511	1-216-809-11	METAL CHIP	100	5%	1/10W
R1512	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1513	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1514	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1515	1-216-857-11	METAL CHIP	1M	5%	1/10W
R1523	1-216-813-11	METAL CHIP	220	5%	1/10W
R1524	1-216-864-11	SHORT CHIP	0		
R1530	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1541	1-216-813-11	METAL CHIP	220	5%	1/10W
R1555	1-216-813-11	METAL CHIP	220	5%	1/10W
R1556	1-216-809-11	METAL CHIP	100	5%	1/10W
R1557	1-216-813-11	METAL CHIP	220	5%	1/10W
R1570	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1571	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1572	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1573	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1574	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1602	1-216-864-11	SHORT CHIP	0		
R1635	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1636	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1637	1-216-864-11	SHORT CHIP	0 (SP, SP6, AUS)		
R1640	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1641	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1642	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1643	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1644	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1645	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1940	1-216-864-11	SHORT CHIP	0 (SP, SP6, AUS)		
R1941	1-216-833-11	METAL CHIP	10K	5%	1/10W (SP, SP6, AUS)
R1943	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1947	1-216-801-11	METAL CHIP	22	5%	1/10W
R1948	1-216-809-11	METAL CHIP	100	5%	1/10W
< NETWORK RESISTOR >					
RB1500	1-233-576-11	RES, CHIP NETWORK	100 (3216)		
RB1501	1-233-576-11	RES, CHIP NETWORK	100 (3216)		
RB1502	1-233-576-11	RES, CHIP NETWORK	100 (3216)		
RB1503	1-233-576-11	RES, CHIP NETWORK	100 (3216)		
RB1504	1-233-576-11	RES, CHIP NETWORK	100 (3216)		
RB1506	1-233-576-11	RES, CHIP NETWORK	100 (3216)		
RB1507	1-233-576-11	RES, CHIP NETWORK	100 (3216)		
RB1508	1-233-576-11	RES, CHIP NETWORK	100 (3216)		
< VIBRATOR >					
X1101	1-813-448-21	PIEZOELECTRIC OSCILLATOR (24MHZ)			
X1301	1-795-126-21	VIBRATOR, CRYSTAL (12.288MHZ)			
X1502	1-813-276-21	QUARTZ CRYSTAL (13.9MHZ)			

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
A-1222-885-A		DISPLAY BOARD, COMPLETE (SP, SP6, AUS)				< VARIABLE RESISTOR >	
A-1222-887-A		DISPLAY BOARD, COMPLETE (E51)		RV101	1-418-817-11	ENCODER, ROTARY (INPUT SELECTOR)	
A-1222-888-A		DISPLAY BOARD, COMPLETE (AR)		RV102	1-418-725-41	ENCODER, ROTARY (12 TYPE)	(MASTER VOLUME)
		*****				< SWITCH >	
		< CAPACITOR >					
C110	1-162-286-31	CERAMIC	220PF 10% 50V	S101	1-771-410-21	SWITCH, TACTILE (MUTING)	
C111	1-162-286-31	CERAMIC	220PF 10% 50V	S102	1-771-410-21	SWITCH, TACTILE (DIMMER)	
C112	1-162-286-31	CERAMIC	220PF 10% 50V	S103	1-771-410-21	SWITCH, TACTILE (INPUT MODE)	
C114	1-127-888-11	CERAMIC	0.1uF 10% 50V	S104	1-771-410-21	SWITCH, TACTILE (DISPLAY)	
C115	1-126-964-11	ELECT	10uF 20% 50V	S105	1-771-410-21	SWITCH, TACTILE (MUSIC)	
C144	1-127-888-11	CERAMIC	0.1uF 10% 50V	S106	1-771-410-21	SWITCH, TACTILE (MOVIE)	
C145	1-127-888-11	CERAMIC	0.1uF 10% 50V	S107	1-771-410-21	SWITCH, TACTILE (A.F.D.)	
C147	1-162-286-31	CERAMIC	220PF 10% 50V	S108	1-771-410-21	SWITCH, TACTILE (2CH)	
C148	1-126-964-11	ELECT	10uF 20% 50V	S109	1-771-410-21	SWITCH, TACTILE (TUNING +)	
C149	1-162-286-31	CERAMIC	220PF 10% 50V	S110	1-771-410-21	SWITCH, TACTILE (TUNING -)	
C160	1-127-888-11	CERAMIC	0.1uF 10% 50V	S111	1-771-410-21	SWITCH, TACTILE (TUNING MODE)	
C162	1-127-888-11	CERAMIC	0.1uF 10% 50V	S112	1-771-410-21	SWITCH, TACTILE (MEMORY / ENTER)	
C164	1-162-286-31	CERAMIC	220PF 10% 50V			*****	
C165	1-126-964-11	ELECT	10uF 20% 50V			A-1158-394-A	HDMI SW BOARD, COMPLETE
		< CONNECTOR >				*****	
* CN104	1-691-746-11	CONNECTOR, BOARD TO BOARD 5P				< CAPACITOR >	
		< CONNECTOR >		C5001	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
CNP106	1-564-718-11	PIN, CONNECTOR (SMALL TYPE) 2P		C5002	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
CNS101	1-784-780-11	CONNECTOR, FFC 19P		C5003	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
		< FLUORESCENT INDICATOR TUBE >		C5004	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
FL101	1-519-927-11	VACUUM FLOURESCENT DISPLAY		C5005	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
		< IC >		C5006	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
IC100	8-759-643-83	IC uPD16315GB-3BS		C5007	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
IC101	8-759-243-51	IC TC74ACT08P		C5008	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
IC103	6-600-349-31	IC NJL24H400A		C5009	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
		< RESISTOR >		C5010	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
R101	1-249-409-11	CARBON	220 5% 1/4W	C5011	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
R102	1-249-411-11	CARBON	330 5% 1/4W	C5012	1-112-788-11	ELECT CHIP	330uF 20% 6.3V
R103	1-249-413-11	CARBON	470 5% 1/4W	C5013	1-128-934-91	CERAMIC CHIP	0.33uF 20% 10V
R104	1-249-415-11	CARBON	680 5% 1/4W	C5014	1-112-788-11	ELECT CHIP	330uF 20% 6.3V
R105	1-247-831-91	CARBON	1K 5% 1/4W	C5015	1-128-994-21	ELECT CHIP	47uF 20% 10V
R106	1-249-419-11	CARBON	1.5K 5% 1/4W	C5016	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
R107	1-249-421-11	CARBON	2.2K 5% 1/4W	C5017	1-115-467-11	CERAMIC CHIP	0.22uF 10% 10V
R108	1-249-409-11	CARBON	220 5% 1/4W	C5018	1-115-467-11	CERAMIC CHIP	0.22uF 10% 10V
R109	1-249-411-11	CARBON	330 5% 1/4W	C5019	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
R110	1-249-413-11	CARBON	470 5% 1/4W	C5020	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V
R115	1-247-807-31	CARBON	100 5% 1/4W	C5021	1-117-681-11	ELECT CHIP	100uF 20% 16V
R116	1-247-807-31	CARBON	100 5% 1/4W	C5022	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
R117	1-247-807-31	CARBON	100 5% 1/4W	C5023	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
R118	1-249-440-11	CARBON	82K 5% 1/4W	C5024	1-128-934-91	CERAMIC CHIP	0.33uF 20% 10V
R119	1-247-807-31	CARBON	100 5% 1/4W	C5027	1-128-994-21	ELECT CHIP	47uF 20% 10V
△ R120	1-249-393-11	CARBON	10 5% 1/4W			< CONNECTOR >	
△ R197	1-249-384-11	CARBON	1.8 5% 1/4W F	CN5001	1-820-735-11	HDMI CONNECTOR (DVD IN)	
△ R198	1-249-384-11	CARBON	1.8 5% 1/4W F	CN5002	1-820-735-11	HDMI CONNECTOR (VIDEO 2 / BD IN)	
				CN5003	1-820-735-11	HDMI CONNECTOR (OUT)	
				* CN5004	1-770-470-21	PIN, CONNECTOR (PC BOARD) 6P	
						< IC >	
				IC5001	6-709-221-01	IC TMDS341PFCR	

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Ver. 1.1

HDMI SW	HEADPHONE	MAIN
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Ref. No.	Part No.	Description	Remark		
IC5002	6-705-337-01	IC TK11150CSCL-G			
IC5003	6-705-468-01	IC BA33BC0FP-E2			
IC5004	6-704-099-01	IC TC7WZ08FK (TE85R)			
IC5005	6-707-207-01	IC SN74LVC1G3157DCKR			
IC5006	6-706-740-01	IC BA00BC0WFP-E2			
< COIL >					
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		
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

Ref. No.	Part No.	Description	Remark		
HEADPHONE BOARD					

< CAPACITOR >					
C790	1-127-888-11	CERAMIC	0.1uF	10%	50V
C791	1-127-888-11	CERAMIC	0.1uF	10%	50V
< CONNECTOR >					
* CNP790	1-564-508-11	PLUG, CONNECTOR 5P			
< JACK >					
J790	1-815-314-21	JACK (PHONES)			
< TEST PIN >					
* TP790	1-690-880-31	LEAD (WITH CONNECTOR)			

A-1222-874-A		MAIN BOARD, COMPLETE (SP, SP6)			
A-1222-875-A		MAIN BOARD, COMPLETE (AUS)			
A-1222-876-A		MAIN BOARD, COMPLETE (AR, E51)			

7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3				
< CAPACITOR >					
C400	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C403	1-162-966-11	CERAMIC CHIP	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	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C453	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C458	1-126-963-11	ELECT	4.7uF	20%	50V
C459	1-126-963-11	ELECT	4.7uF	20%	50V
C463	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C464	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C468	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C469	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C471	1-126-963-11	ELECT	4.7uF	20%	50V
C481	1-126-964-11	ELECT	10uF	20%	50V
C484	1-126-964-11	ELECT	10uF	20%	50V
C485	1-126-964-11	ELECT	10uF	20%	50V
C488	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C490	1-126-964-11	ELECT	10uF	20%	50V
C492	1-126-964-11	ELECT	10uF	20%	50V
C493	1-126-964-11	ELECT	10uF	20%	50V
C495	1-126-964-11	ELECT	10uF	20%	50V
C501	1-126-963-11	ELECT	4.7uF	20%	50V
C503	1-165-722-11	ELECT	100uF	20%	10V
C504	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C505	1-102-233-00	CERAMIC	33PF	10%	500V
C506	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C507	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C510	1-126-947-11	ELECT	47uF	20%	35V
C511	1-136-157-00	FILM	0.022uF	5%	50V
C516	1-162-815-11	CERAMIC	47PF	5%	500V
C517	1-162-815-11	CERAMIC	47PF	5%	500V
C519	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C529	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C531	1-136-157-00	FILM	0.022uF	5%	50V	C732	1-128-582-11	ELECT	10uF	20%	100V
C539	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C733	1-128-582-11	ELECT	10uF	20%	100V
C540	1-126-964-11	ELECT	10uF	20%	50V	C740	1-126-964-11	ELECT	10uF	20%	50V
C541	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C741	1-128-579-11	ELECT	2.2uF	20%	100V
C553	1-165-722-11	ELECT	100uF	20%	10V	C742	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C554	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C743	1-128-579-11	ELECT	2.2uF	20%	100V
C561	1-126-963-11	ELECT	4.7uF	20%	50V	C744	1-128-579-11	ELECT	2.2uF	20%	100V
C565	1-102-233-00	CERAMIC	33PF	10%	500V	C749	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C566	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C750	1-126-964-11	ELECT	10uF	20%	50V
C567	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C751	1-126-963-11	ELECT	4.7uF	20%	50V
C570	1-126-947-11	ELECT	47uF	20%	35V	C752	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C576	1-162-815-11	CERAMIC	47PF	5%	500V	C753	1-165-722-11	ELECT	100uF	20%	10V
C577	1-162-815-11	CERAMIC	47PF	5%	500V	C754	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C580	1-126-964-11	ELECT	10uF	20%	50V	C755	1-102-233-00	CERAMIC	33PF	10%	500V
C581	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C756	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C601	1-126-963-11	ELECT	4.7uF	20%	50V	C757	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C603	1-165-722-11	ELECT	100uF	20%	10V	C760	1-126-947-11	ELECT	47uF	20%	35V
C604	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C761	1-136-157-00	FILM	0.022uF	5%	50V
C605	1-102-233-00	CERAMIC	33PF	10%	500V	C762	1-126-964-11	ELECT	10uF	20%	50V
C606	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C766	1-162-815-11	CERAMIC	47PF	5%	500V
C607	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C767	1-162-815-11	CERAMIC	47PF	5%	500V
C610	1-126-947-11	ELECT	47uF	20%	35V	C770	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C611	1-136-157-00	FILM	0.022uF	5%	50V	C791	1-126-923-91	ELECT	220uF	20%	10V
C619	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C801	1-126-947-11	ELECT	47uF	20%	35V
C620	1-162-815-11	CERAMIC	47PF	5%	500V	C802	1-126-947-11	ELECT	47uF	20%	35V
C621	1-162-815-11	CERAMIC	47PF	5%	500V	C805	1-135-851-21	MYLAR	0.22uF		100V
C640	1-126-964-11	ELECT	10uF	20%	50V	C806	1-135-851-21	MYLAR	0.22uF		100V
C642	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C807	1-126-947-11	ELECT	47uF	20%	35V
C651	1-126-963-11	ELECT	4.7uF	20%	50V	C808	1-126-947-11	ELECT	47uF	20%	35V
C653	1-165-722-11	ELECT	100uF	20%	10V	C809	1-100-623-91	CERAMIC CHIP	0.1uF	10%	100V
C654	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C810	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
C655	1-102-233-00	CERAMIC	33PF	10%	500V	C811	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
C656	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C813	1-100-968-11	ELECT	4700uF	20%	63V
C657	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C814	1-100-968-11	ELECT	4700uF	20%	63V
C660	1-126-947-11	ELECT	47uF	20%	35V	C822	1-126-947-11	ELECT	47uF	20%	35V
C661	1-136-157-00	FILM	0.022uF	5%	50V	C830	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
C666	1-162-815-11	CERAMIC	47PF	5%	500V	C831	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
C669	1-162-815-11	CERAMIC	47PF	5%	500V	C832	1-126-936-11	ELECT	3300uF	20%	16V
C670	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C842	1-165-732-31	ELECT	47uF	20%	25V
C680	1-126-964-11	ELECT	10uF	20%	50V	C3022	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C681	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V						(SP, SP6, AUS)
C691	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C3024	1-126-963-11	ELECT	4.7uF	20%	50V
C701	1-126-963-11	ELECT	4.7uF	20%	50V						(SP, SP6, AUS)
C702	1-126-964-11	ELECT	10uF	20%	50V	C3025	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C703	1-165-722-11	ELECT	100uF	20%	10V						(SP, SP6, AUS)
C704	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C3026	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C705	1-102-233-00	CERAMIC	33PF	10%	500V						(SP, SP6, AUS)
C706	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C3027	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C707	1-162-927-11	CERAMIC CHIP	100PF	5%	50V						(SP, SP6, AUS)
C710	1-126-947-11	ELECT	47uF	20%	35V	C3032	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C711	1-136-157-00	FILM	0.022uF	5%	50V						(SP, SP6, AUS)
C716	1-162-815-11	CERAMIC	47PF	5%	500V	C3034	1-126-963-11	ELECT	4.7uF	20%	50V
C717	1-162-815-11	CERAMIC	47PF	5%	500V						(SP, SP6, AUS)
C720	1-162-960-11	CERAMIC CHIP	220PF	10%	50V	C3037	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C721	1-126-923-91	ELECT	220uF	20%	10V						(SP, SP6, AUS)
C722	1-126-964-11	ELECT	10uF	20%	50V			< CAPACITOR >			
C729	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	CC02	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
											(AUS)

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
CC04	1-162-927-11	CERAMIC CHIP 100PF 5%	50V (AUS)	D610	6-501-817-01	DIODE MA2J1110GLS0	
CC05	1-162-927-11	CERAMIC CHIP 100PF 5%	50V (AUS)	D611	6-501-817-01	DIODE MA2J1110GLS0	
CC06	1-162-927-11	CERAMIC CHIP 100PF 5%	50V (AUS)	D640	6-501-817-01	DIODE MA2J1110GLS0	
CC07	1-162-927-11	CERAMIC CHIP 100PF 5%	50V (AUS)	D665	6-501-817-01	DIODE MA2J1110GLS0	
CC08	1-162-927-11	CERAMIC CHIP 100PF 5%	50V (AUS)	D680	6-501-817-01	DIODE MA2J1110GLS0	
CC09	1-162-927-11	CERAMIC CHIP 100PF 5%	50V (AUS)	D690	8-719-083-71	DIODE UDZSTE-1730B	
CC10	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V (AUS)	D691	6-501-817-01	DIODE MA2J1110GLS0	
CC11	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V (AUS)	D705	6-501-817-01	DIODE MA2J1110GLS0	
CC12	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V (AUS)	D710	6-501-817-01	DIODE MA2J1110GLS0	
CC13	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V (AUS)	D721	6-501-817-01	DIODE MA2J1110GLS0	
CC15	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V (AUS)	D722	6-501-817-01	DIODE MA2J1110GLS0	
CC16	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V (AUS)	D729	6-501-817-01	DIODE MA2J1110GLS0	
CC17	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V (AUS)	D732	6-501-817-01	DIODE MA2J1110GLS0	
CC18	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V (AUS)	D733	6-501-817-01	DIODE MA2J1110GLS0	
CC52	1-162-927-11	CERAMIC CHIP 100PF 5%	50V (AUS)	D740	6-501-817-01	DIODE MA2J1110GLS0	
CC54	1-162-927-11	CERAMIC CHIP 100PF 5%	50V (AUS)	D749	6-501-817-01	DIODE MA2J1110GLS0	
CC55	1-162-927-11	CERAMIC CHIP 100PF 5%	50V (AUS)	D750	6-501-817-01	DIODE MA2J1110GLS0	
CC56	1-162-927-11	CERAMIC CHIP 100PF 5%	50V (AUS)	D765	6-501-817-01	DIODE MA2J1110GLS0	
CC57	1-162-927-11	CERAMIC CHIP 100PF 5%	50V (AUS)	D791	6-501-817-01	DIODE MA2J1110GLS0	
CC58	1-162-927-11	CERAMIC CHIP 100PF 5%	50V (AUS)	△ D801	8-719-083-85	DIODE UDZSTE-1722B	
CC59	1-162-927-11	CERAMIC CHIP 100PF 5%	50V (AUS)	△ D802	8-719-081-52	DIODE D5SBA20-4003	
< CONNECTOR >				△ D804	6-500-295-01	DIODE PTZ-TE25-5.6B	
CN500	1-573-843-11	CONNECTOR, BOARD TO BOARD (PLAG) 11P		△ D805	8-719-053-18	DIODE 1SR154-400TE-25	
CN506	1-779-978-11	PIN, CONNECTOR 3P		△ D806	8-719-053-18	DIODE 1SR154-400TE-25	
CNP501	1-573-847-11	CONNECTOR, BOARD TO BOARD (PLAG) 15P		△ D807	8-719-053-18	DIODE 1SR154-400TE-25	
* CNP503	1-564-506-11	PLUG, CONNECTOR 3P		△ D808	8-719-053-18	DIODE 1SR154-400TE-25	
* CNP507	1-564-507-11	PLUG, CONNECTOR 4P		D841	6-500-696-01	DIODE UDZSTE-173.0B	
* CNP801	1-564-242-00	PIN, CONNECTOR (3.96mm PITCH) 5P		△ D896	8-719-053-18	DIODE 1SR154-400TE-25	
* CNP802	1-564-509-11	PLUG, CONNECTOR 6P		< IC >			
* CNP912	1-564-506-11	PLUG, CONNECTOR 3P		IC401	6-707-362-01	IC BD3451KS	
< DIODE >				△ IC501	6-700-943-01	IC uPC2581V-S	
D505	6-501-817-01	DIODE MA2J1110GLS0		△ IC601	6-700-943-01	IC uPC2581V-S	
D529	6-501-817-01	DIODE MA2J1110GLS0		IC691	8-759-710-97	IC NJM4565M-D	
D540	6-501-817-01	DIODE MA2J1110GLS0		△ IC701	6-700-943-01	IC uPC2581V-S	
D560	6-501-817-01	DIODE MA2J1110GLS0		△ IC801	8-759-071-48	IC TA7807S	
D580	6-501-817-01	DIODE MA2J1110GLS0		△ IC802	8-759-071-47	IC TA79007S	
D585	6-501-817-01	DIODE MA2J1110GLS0		IC3002	8-759-710-97	IC NJM4565M-D (SP, SP6, AUS)	
D605	6-501-817-01	DIODE MA2J1110GLS0		< JACK >			
< JUMPER RESISTOR >				J309	1-770-377-21	JACK, PIN 1P (SUBWOOFER)	
< COIL >				J402	1-794-981-11	JACK, PIN 4P (VIDEO 1)	
< COIL >				J403	1-770-614-11	JACK, PIN 4P (SAT,DVD)	
< COIL >				J405	1-774-411-11	JACK, PIN 6P (SA-CD/CD/CD-R,TV)	
< COIL >				< JUMPER RESISTOR >			
< COIL >				JR3000	1-216-296-11	SHORT CHIP 0 (SP, SP6, AUS)	
< COIL >				< COIL >			
< COIL >				L501	1-420-872-52	COIL, AIR-CORE	
< COIL >				L551	1-420-872-52	COIL, AIR-CORE	
< COIL >				L601	1-420-872-52	COIL, AIR-CORE	
< COIL >				L651	1-420-872-52	COIL, AIR-CORE	
< COIL >				L701	1-420-872-52	COIL, AIR-CORE	
< COIL >				L751	1-420-872-52	COIL, AIR-CORE	

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
< TRANSISTOR >						R454	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R455	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q501	8-729-119-76	TRANSISTOR	2SA1175-HFE			R456	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q502	8-729-141-30	TRANSISTOR	2SC3623A-LK			R457	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q505	8-729-216-31	TRANSISTOR	2SA1163-G								
Q506	8-729-216-31	TRANSISTOR	2SA1163-G			R458	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q535	8-729-216-31	TRANSISTOR	2SA1163-G			R459	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R468	1-216-845-11	METAL CHIP	100K	5%	1/10W
Q536	8-729-216-31	TRANSISTOR	2SA1163-G			R469	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q540	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			R470	1-216-841-11	METAL CHIP	47K	5%	1/10W
Q560	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF								
Q571	8-729-119-76	TRANSISTOR	2SA1175-HFE			R471	1-216-841-11	METAL CHIP	47K	5%	1/10W
Q572	8-729-141-30	TRANSISTOR	2SC3623A-LK			R472	1-216-841-11	METAL CHIP	47K	5%	1/10W
						R473	1-216-841-11	METAL CHIP	47K	5%	1/10W
Q580	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			R474	1-216-841-11	METAL CHIP	47K	5%	1/10W
Q601	8-729-119-76	TRANSISTOR	2SA1175-HFE			R475	1-216-833-11	METAL CHIP	10K	5%	1/10W
Q602	8-729-141-30	TRANSISTOR	2SC3623A-LK								
Q605	8-729-216-31	TRANSISTOR	2SA1163-G			R476	1-216-833-11	METAL CHIP	10K	5%	1/10W
Q606	8-729-216-31	TRANSISTOR	2SA1163-G			R480	1-216-864-11	SHORT CHIP	0		
						R481	1-216-864-11	SHORT CHIP	0		
Q610	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			R501	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q612	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			R502	1-216-843-11	METAL CHIP	68K	5%	1/10W
Q640	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF								
Q651	8-729-119-76	TRANSISTOR	2SA1175-HFE			R503	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
Q652	8-729-141-30	TRANSISTOR	2SC3623A-LK			R505	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
						R510	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
Q655	8-729-216-31	TRANSISTOR	2SA1163-G			R511	1-216-844-11	METAL CHIP	82K	5%	1/10W
Q656	8-729-216-31	TRANSISTOR	2SA1163-G			R513	1-216-818-11	METAL CHIP	560	5%	1/10W
Q680	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF								
Q691	8-729-281-53	TRANSISTOR	2SC1815-GR			△ R514	1-249-399-11	CARBON	33	5%	1/4W F
Q692	8-729-029-40	TRANSISTOR	DTA124ESA			△ R515	1-249-399-11	CARBON	33	5%	1/4W F
						△ R516	1-234-182-11	ENCAPSULATED COMPONENT			
Q701	8-729-119-76	TRANSISTOR	2SA1175-HFE			△ R517	1-249-393-11	CARBON	10	5%	1/4W F
Q702	8-729-141-30	TRANSISTOR	2SC3623A-LK			△ R518	1-249-389-11	CARBON	4.7	5%	1/4W F
Q705	8-729-216-31	TRANSISTOR	2SA1163-G								
Q706	8-729-216-31	TRANSISTOR	2SA1163-G			R520	1-216-214-00	RES-CHIP	4.7K	2%	1/8W
Q710	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			△ R521	1-240-855-91	CARBON	6.2K	5%	1/4W F
						R522	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
Q722	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			R523	1-216-841-11	METAL CHIP	47K	5%	1/10W
Q723	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			R524	1-216-835-11	METAL CHIP	15K	5%	1/10W
Q725	8-729-216-31	TRANSISTOR	2SA1163-G								
Q740	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			R525	1-216-843-11	METAL CHIP	68K	5%	1/10W
Q750	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			△ R526	1-234-182-11	ENCAPSULATED COMPONENT			
						R529	1-216-833-11	METAL CHIP	10K	5%	1/10W
Q751	8-729-119-76	TRANSISTOR	2SA1175-HFE			R530	1-216-214-00	RES-CHIP	4.7K	2%	1/8W
Q752	8-729-141-30	TRANSISTOR	2SC3623A-LK			△ R531	1-240-855-91	CARBON	6.2K	5%	1/4W F
Q755	8-729-216-31	TRANSISTOR	2SA1163-G								
Q756	8-729-216-31	TRANSISTOR	2SA1163-G			R532	1-216-833-11	METAL CHIP	10K	5%	1/10W
Q790	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			R533	1-216-841-11	METAL CHIP	47K	5%	1/10W
						R534	1-216-835-11	METAL CHIP	15K	5%	1/10W
Q793	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			R535	1-216-843-11	METAL CHIP	68K	5%	1/10W
Q795	8-729-216-31	TRANSISTOR	2SA1163-G			△ R537	1-249-393-11	CARBON	10	5%	1/4W F
△ Q801	8-729-140-97	TRANSISTOR	2SB734-34								
< RESISTOR >						R539	1-216-845-11	METAL CHIP	100K	5%	1/10W
						R540	1-216-837-11	METAL CHIP	22K	5%	1/10W
R402	1-216-821-11	METAL CHIP	1K	5%	1/10W	R546	1-216-835-11	METAL CHIP	15K	5%	1/10W
R404	1-216-821-11	METAL CHIP	1K	5%	1/10W	R553	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R405	1-216-821-11	METAL CHIP	1K	5%	1/10W	R554	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
R406	1-216-821-11	METAL CHIP	1K	5%	1/10W						
R407	1-216-821-11	METAL CHIP	1K	5%	1/10W	R555	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
						R556	1-216-841-11	METAL CHIP	47K	5%	1/10W
R408	1-216-821-11	METAL CHIP	1K	5%	1/10W	R557	1-216-835-11	METAL CHIP	15K	5%	1/10W
R409	1-216-821-11	METAL CHIP	1K	5%	1/10W	R561	1-216-821-11	METAL CHIP	1K	5%	1/10W
R423	1-216-864-11	SHORT CHIP	0			R562	1-216-843-11	METAL CHIP	68K	5%	1/10W
R428	1-216-821-11	METAL CHIP	1K	5%	1/10W	△ R568	1-249-389-11	CARBON	4.7	5%	1/4W F
R429	1-216-821-11	METAL CHIP	1K	5%	1/10W	R570	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
						R571	1-216-844-11	METAL CHIP	82K	5%	1/10W
R452	1-216-821-11	METAL CHIP	1K	5%	1/10W	R572	1-216-823-11	METAL CHIP	1.5K	5%	1/10W

STR-K885

MAIN

Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description				Remark
R573	1-216-841-11	METAL CHIP	47K	5%	1/10W		R680	1-216-837-11	METAL CHIP	22K	5%	1/10W	
△ R574	1-249-399-11	CARBON	33	5%	1/4W	F	R681	1-216-835-11	METAL CHIP	15K	5%	1/10W	
△ R575	1-249-399-11	CARBON	33	5%	1/4W	F	R690	1-216-849-11	METAL CHIP	220K	5%	1/10W	
R576	1-216-818-11	METAL CHIP	560	5%	1/10W		△ R691	1-215-886-11	METAL OXIDE	100	5%	2W	F
R580	1-216-837-11	METAL CHIP	22K	5%	1/10W		△ R692	1-215-889-00	METAL OXIDE	330	5%	2W	F
R585	1-216-829-11	METAL CHIP	4.7K	5%	1/10W		R693	1-216-833-11	METAL CHIP	10K	5%	1/10W	
							R694	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R586	1-216-841-11	METAL CHIP	47K	5%	1/10W		R695	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R587	1-216-835-11	METAL CHIP	15K	5%	1/10W		R696	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R588	1-216-835-11	METAL CHIP	15K	5%	1/10W								
R601	1-216-821-11	METAL CHIP	1K	5%	1/10W		R698	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R602	1-216-843-11	METAL CHIP	68K	5%	1/10W		R699	1-216-853-11	METAL CHIP	470K	5%	1/10W	
							R701	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R603	1-208-445-41	RES-CHIP	2.2K	2%	1/10W		R702	1-216-843-11	METAL CHIP	68K	5%	1/10W	
R604	1-208-826-11	METAL CHIP	68K	0.5%	1/10W		R703	1-208-445-41	RES-CHIP	2.2K	2%	1/10W	
R610	1-216-825-11	METAL CHIP	2.2K	5%	1/10W								
R611	1-216-844-11	METAL CHIP	82K	5%	1/10W		R704	1-208-826-11	METAL CHIP	68K	0.5%	1/10W	
R613	1-216-818-11	METAL CHIP	560	5%	1/10W		R710	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
							R711	1-216-844-11	METAL CHIP	82K	5%	1/10W	
△ R614	1-249-399-11	CARBON	33	5%	1/4W	F	R713	1-216-818-11	METAL CHIP	560	5%	1/10W	
△ R615	1-249-399-11	CARBON	33	5%	1/4W	F	△ R714	1-249-399-11	CARBON	33	5%	1/4W	F
△ R616	1-234-182-11	ENCAPSULATED COMPONENT											
△ R617	1-249-393-11	CARBON	10	5%	1/4W	F	△ R715	1-249-399-11	CARBON	33	5%	1/4W	F
△ R618	1-249-389-11	CARBON	4.7	5%	1/4W	F	△ R716	1-234-182-11	ENCAPSULATED COMPONENT				
							△ R717	1-249-393-11	CARBON	10	5%	1/4W	F
R620	1-216-214-00	RES-CHIP	4.7K	2%	1/8W		△ R718	1-249-389-11	CARBON	4.7	5%	1/4W	F
△ R621	1-240-855-91	CARBON	6.2K	5%	1/4W	F	R719	1-216-214-00	RES-CHIP	4.7K	2%	1/8W	
R622	1-216-823-11	METAL CHIP	1.5K	5%	1/10W								
R623	1-216-841-11	METAL CHIP	47K	5%	1/10W		△ R721	1-240-855-91	CARBON	6.2K	5%	1/4W	F
R624	1-216-835-11	METAL CHIP	15K	5%	1/10W		R722	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	
							R723	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R625	1-216-843-11	METAL CHIP	68K	5%	1/10W		R724	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R631	1-216-821-11	METAL CHIP	1K	5%	1/10W		R725	1-216-843-11	METAL CHIP	68K	5%	1/10W	
R633	1-216-821-11	METAL CHIP	1K	5%	1/10W								
△ R634	1-249-404-00	CARBON	82	5%	1/4W	F	R729	1-216-833-11	METAL CHIP	10K	5%	1/10W	
△ R635	1-249-404-00	CARBON	82	5%	1/4W	F	R731	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
							△ R732	1-249-381-11	CARBON	1	5%	1/4W	F
R638	1-216-843-11	METAL CHIP	68K	5%	1/10W		△ R733	1-249-381-11	CARBON	1	5%	1/4W	F
R640	1-216-837-11	METAL CHIP	22K	5%	1/10W		△ R734	1-249-404-00	CARBON	82	5%	1/4W	F
R648	1-216-835-11	METAL CHIP	15K	5%	1/10W								
R651	1-216-821-11	METAL CHIP	1K	5%	1/10W		R735	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	
R652	1-216-843-11	METAL CHIP	68K	5%	1/10W		R736	1-216-821-11	METAL CHIP	1K	5%	1/10W	
							R737	1-216-840-11	METAL CHIP	39K	5%	1/10W	
R653	1-208-445-41	RES-CHIP	2.2K	2%	1/10W		R739	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R654	1-208-826-11	METAL CHIP	68K	0.5%	1/10W		R740	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R655	1-216-829-11	METAL CHIP	4.7K	5%	1/10W								
R656	1-216-841-11	METAL CHIP	47K	5%	1/10W		R741	1-216-230-00	RES-CHIP	22K	2%	1/8W	
R657	1-216-835-11	METAL CHIP	15K	5%	1/10W		R743	1-216-230-00	RES-CHIP	22K	2%	1/8W	
							R744	1-216-230-00	RES-CHIP	22K	2%	1/8W	
R660	1-216-825-11	METAL CHIP	2.2K	5%	1/10W		R745	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R661	1-216-844-11	METAL CHIP	82K	5%	1/10W		R746	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R663	1-216-818-11	METAL CHIP	560	5%	1/10W								
△ R664	1-249-399-11	CARBON	33	5%	1/4W	F	R747	1-216-835-11	METAL CHIP	15K	5%	1/10W	
△ R665	1-249-399-11	CARBON	33	5%	1/4W	F	R748	1-216-835-11	METAL CHIP	15K	5%	1/10W	
							R749	1-216-833-11	METAL CHIP	10K	5%	1/10W	
△ R666	1-234-182-11	ENCAPSULATED COMPONENT					R750	1-216-837-11	METAL CHIP	22K	5%	1/10W	
△ R667	1-249-393-11	CARBON	10	5%	1/4W	F	R751	1-216-821-11	METAL CHIP	1K	5%	1/10W	
△ R668	1-249-389-11	CARBON	4.7	5%	1/4W	F							
R669	1-216-214-00	RES-CHIP	4.7K	2%	1/8W		R752	1-216-843-11	METAL CHIP	68K	5%	1/10W	
△ R671	1-240-855-91	CARBON	6.2K	5%	1/4W	F	R753	1-208-445-41	RES-CHIP	2.2K	2%	1/10W	
							R754	1-208-826-11	METAL CHIP	68K	0.5%	1/10W	
R672	1-216-823-11	METAL CHIP	1.5K	5%	1/10W		R755	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R673	1-216-841-11	METAL CHIP	47K	5%	1/10W		R756	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R674	1-216-835-11	METAL CHIP	15K	5%	1/10W								
R675	1-216-829-11	METAL CHIP	4.7K	5%	1/10W		R757	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R676	1-216-841-11	METAL CHIP	47K	5%	1/10W		R758	1-216-835-11	METAL CHIP	15K	5%	1/10W	
							R759	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R677	1-216-835-11	METAL CHIP	15K	5%	1/10W		R760	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	

MAIN

POWER KEY

STANDBY

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
R761	1-216-844-11	METAL CHIP	82K	5%	1/10W	△RR16	1-249-393-11	CARBON	10	5%	1/4W F (AUS)
R763	1-216-818-11	METAL CHIP	560	5%	1/10W	△RR17	1-249-393-11	CARBON	10	5%	1/4W F (AUS)
△R764	1-249-399-11	CARBON	33	5%	1/4W F	△RR18	1-249-393-11	CARBON	10	5%	1/4W F (AUS)
△R765	1-249-399-11	CARBON	33	5%	1/4W F						
△R766	1-234-182-11	ENCAPSULATED COMPONENT									
△R767	1-249-393-11	CARBON	10	5%	1/4W F						
								< RELAY >			
△R768	1-249-389-11	CARBON	4.7	5%	1/4W F	RY560	1-755-267-11	RELAY			
R769	1-216-214-00	RES-CHIP	4.7K	2%	1/8W	RY601	1-755-170-11	RELAY (12V)			
R770	1-216-845-11	METAL CHIP	100K	5%	1/10W	RY610	1-755-170-11	RELAY (12V)			
△R771	1-240-855-91	CARBON	6.2K	5%	1/4W F	RY701	1-755-170-11	RELAY (12V)			
R772	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	RY791	1-755-170-11	RELAY (12V)			
								< TERMINAL >			
R773	1-216-841-11	METAL CHIP	47K	5%	1/10W	TB001	1-780-449-11	BANANA-PUSH TERMINAL BOARD (8P)			(FRONT,SURROUND)
R775	1-216-843-11	METAL CHIP	68K	5%	1/10W			< TERMINAL >			
R778	1-216-835-11	METAL CHIP	15K	5%	1/10W						
R780	1-216-833-11	METAL CHIP	10K	5%	1/10W	TM603	1-780-451-11	BANANA-PUSH TERMINAL BOARD (4P)			(SURROUND BACK,CENTER)
R790	1-216-845-11	METAL CHIP	100K	5%	1/10W			*****			
R791	1-216-825-11	METAL CHIP	2.2K	5%	1/10W			POWER KEY BOARD			
△R792	1-215-868-00	METAL OXIDE	680	5%	1W F			*****			
△R793	1-249-404-00	CARBON	82	5%	1/4W F			< CONNECTOR >			
△R794	1-215-868-00	METAL OXIDE	680	5%	1W F						
△R802	1-249-409-11	CARBON	220	5%	1/4W F	* CN103	1-691-670-11	CONNECTOR, BOARD TO BOARD 5P			
								< RESISTOR >			
△R803	1-249-389-11	CARBON	4.7	5%	1/4W F						
R804	1-216-833-11	METAL CHIP	10K	5%	1/10W	R111	1-249-415-11	CARBON	680	5%	1/4W
R806	1-216-837-11	METAL CHIP	22K	5%	1/10W			< SWITCH >			
R840	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	S100	1-771-410-21	SWITCH, TACTILE (I/⏏)			
R843	1-216-864-11	SHORT CHIP	0 (EXCEPT AUS)			S115	1-771-410-21	SWITCH, TACTILE (AUTO CAL)			

R844	1-216-837-11	METAL CHIP	22K	5%	1/10W						
△R910	1-240-877-11	FUSIBLE	0.15	5%	1/2W F			A-1222-747-A	STANDBY BOARD		
R3010	1-216-841-11	METAL CHIP	47K	5%	1/10W (SP, SP6, AUS)			*****			
R3011	1-218-887-11	METAL CHIP	47K	0.5%	1/10W (SP, SP6, AUS)						
R3012	1-218-887-11	METAL CHIP	47K	0.5%	1/10W (SP, SP6, AUS)			1-533-217-41	HOLDER, FUSE		
								< CAPACITOR >			
R3013	1-216-841-11	METAL CHIP	47K	5%	1/10W (SP, SP6, AUS)	C913	1-127-888-11	CERAMIC	0.1uF	10%	50V
R3020	1-216-841-11	METAL CHIP	47K	5%	1/10W (SP, SP6, AUS)	C914	1-127-888-11	CERAMIC	0.1uF	10%	50V
R3021	1-218-887-11	METAL CHIP	47K	0.5%	1/10W (SP, SP6, AUS)	C915	1-126-943-11	ELECT	2200uF	20%	25V
R3022	1-218-887-11	METAL CHIP	47K	0.5%	1/10W (SP, SP6, AUS)	C916	1-126-942-61	ELECT	1000uF	20%	25V
R3023	1-216-841-11	METAL CHIP	47K	5%	1/10W (SP, SP6, AUS)	C920	1-127-888-11	CERAMIC	0.1uF	10%	50V
R3025	1-216-809-11	METAL CHIP	100	5%	1/10W (AUS)	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 >			
△RR11	1-249-393-11	CARBON	10	5%	1/4W F (AUS)	CNP002	1-568-106-11	PIN, CONNECTOR (3.96mm PITCH) 4P (E51)			
△RR12	1-249-393-11	CARBON	10	5%	1/4W F (AUS)	* CNP802	1-564-509-11	PLUG, CONNECTOR 6P			
△RR13	1-249-393-11	CARBON	10	5%	1/4W F (AUS)	* CNP804	1-564-506-11	PLUG, CONNECTOR 3P			
△RR14	1-249-393-11	CARBON	10	5%	1/4W F (AUS)	* CNP805	1-564-506-11	PLUG, CONNECTOR 3P			
△RR15	1-249-393-11	CARBON	10	5%	1/4W F (AUS)	CNP901	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P			
						* CNP902	1-565-792-11	PIN, CONNECTOR (3.96mm PITCH) 2P			

STR-K885

STANDBY

VIDEO

VIDEO3

Ref. No.	Part No.	Description	Remark			
* CNP903	1-564-508-11	PLUG, CONNECTOR 5P				
< 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				
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				
< TRANSISTOR >						
Q901	8-729-119-78	TRANSISTOR 2SC2785-HFE				
Q921	8-729-119-78	TRANSISTOR 2SC2785-HFE				
< RESISTOR >						
△ R810	1-243-634-91	FUSIBLE 0.22 5% 1/2W				
△ R811	1-243-634-91	FUSIBLE 0.22 5% 1/2W				
R902	1-247-871-91	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	1-247-871-91	CARBON 47K 5% 1/4W				
R922	1-247-863-91	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	POWER TRANSFORMER (EXCEPT E51)				
△ T902	1-443-520-11	POWER TRANSFORMER (E51)				

VIDEO BOARD						

< CAPACITOR >						
C206	1-126-964-11	ELECT 10uF 20% 50V				
C207	1-126-964-11	ELECT 10uF 20% 50V				
C208	1-126-964-11	ELECT 10uF 20% 50V				
C209	1-126-964-11	ELECT 10uF 20% 50V				
C210	1-126-947-11	ELECT 47uF 20% 35V				
C213	1-126-947-11	ELECT 47uF 20% 35V				
C214	1-127-888-11	CERAMIC 0.1uF 10% 50V				
C215	1-127-888-11	CERAMIC 0.1uF 10% 50V				
C220	1-126-947-11	ELECT 47uF 20% 35V				
C221	1-126-947-11	ELECT 47uF 20% 35V				
C223	1-135-799-11	CERAMIC 0.47uF 50V				
C224	1-135-799-11	CERAMIC 0.47uF 50V				
C308	1-126-964-11	ELECT 10uF 20% 50V				
C309	1-126-964-11	ELECT 10uF 20% 50V				
C310	1-126-964-11	ELECT 10uF 20% 50V				
C311	1-126-964-11	ELECT 10uF 20% 50V				

Ref. No.	Part No.	Description	Remark		
C312	1-126-964-11	ELECT	10uF	20%	50V
C313	1-126-964-11	ELECT	10uF	20%	50V
C314	1-126-964-11	ELECT	10uF	20%	50V
C315	1-126-964-11	ELECT	10uF	20%	50V
C316	1-126-964-11	ELECT	10uF	20%	50V
C330	1-127-888-11	CERAMIC	0.1uF	10%	50V
C331	1-127-888-11	CERAMIC	0.1uF	10%	50V
C337	1-126-947-11	ELECT	47uF	20%	35V
C338	1-126-947-11	ELECT	47uF	20%	35V
C341	1-127-888-11	CERAMIC	0.1uF	10%	50V
< CONNECTOR >					
CNP202	1-564-705-11	PIN, CONNECTOR (SMALL TYPE) 3P			
* CNP203	1-564-507-11	PLUG, CONNECTOR 4P			
CNS207	1-784-774-11	CONNECTOR, FFC 13P			
< DIODE >					
D203	8-719-991-33	DIODE	1SS133T-77		
D204	8-719-991-33	DIODE	1SS133T-77		
< IC >					
IC203	6-701-890-01	IC	NJM2595D		
IC304	6-707-363-01	IC	NJM2586AL		
△ IC804	8-759-245-79	IC	TA79005S		
△ IC807	8-759-231-53	IC	TA7805S		
< JACK >					
J200	1-794-978-11	JACK, PIN 3P (DVD,VIDEO 1,SAT)			
J201	1-815-043-11	JACK, PIN 2P (VIDEO 1,MONITOR)			
J301	1-816-592-11	JACK, PIN 9P (SAT IN,DVD IN,VIDEO IN)			
J302	1-815-360-11	JACK, PIN 3P (MONITOR OUT)			
< RESISTOR >					
R200	1-247-804-11	CARBON	75	5%	1/4W
R201	1-247-804-11	CARBON	75	5%	1/4W
R218	1-247-804-11	CARBON	75	5%	1/4W
R219	1-247-804-11	CARBON	75	5%	1/4W
R220	1-247-804-11	CARBON	75	5%	1/4W
R221	1-247-804-11	CARBON	75	5%	1/4W
R301	1-247-804-11	CARBON	75	5%	1/4W
R302	1-247-804-11	CARBON	75	5%	1/4W
R303	1-247-804-11	CARBON	75	5%	1/4W
R304	1-247-804-11	CARBON	75	5%	1/4W
R305	1-247-804-11	CARBON	75	5%	1/4W
R306	1-247-804-11	CARBON	75	5%	1/4W
R307	1-247-804-11	CARBON	75	5%	1/4W
R308	1-247-804-11	CARBON	75	5%	1/4W
R309	1-247-804-11	CARBON	75	5%	1/4W
R310	1-247-804-11	CARBON	75	5%	1/4W
R311	1-247-804-11	CARBON	75	5%	1/4W
R312	1-247-804-11	CARBON	75	5%	1/4W

A-1222-706-A VIDEO 3 BOARD					

< CAPACITOR >					
C293	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V

Ref. No.	Part No.	Description	Remark
C294	1-100-566-91	CERAMIC CHIP 0.1uF 10% 25V	
C298	1-162-960-11	CERAMIC CHIP 220PF 10% 50V	
C299	1-162-960-11	CERAMIC CHIP 220PF 10% 50V	

< CONNECTOR >

CN201	1-564-721-11	PIN, CONNECTOR (SMALL TYPE) 5P	
* CN202	1-690-880-31	LEAD (WITH CONNECTOR)	

< JACK >

J298	1-819-187-11	PIN JACK 3P (VIDEO3 IN / PORTABLE AV IN)	
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< RESISTOR >

R298	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R299	1-216-821-11	METAL CHIP 1K 5% 1/10W	

MISCELLANEOUS

9	1-829-004-11	WIRE (FLAT TYPE) (19 CORE)	
△ 57	1-777-071-83	CORD, POWER (SP, SP6, E51)	
△ 57	1-783-941-12	CORD, POWER (AR)	
△ 57	1-833-566-21	POWER-SUPPLY CORD (AUS)	
62	1-828-972-11	WIRE (FLAT TYPE) (13 CORE)	
63	1-828-953-11	WIRE (FLAT TYPE) (9 core)	
△ F4001	1-532-465-33	FUSE (T3.15AL/250V) (SP, SP6, AUS)	
△ F4002	1-532-465-33	FUSE (T3.15AL/250V) (SP, SP6, AUS)	
△ F901	1-532-464-33	FUSE (T2.5AL/250V)	
△ Q503	6-702-390-01	IC MN2488-OPY-MK	
△ Q504	6-702-391-01	IC MP1620-OPY-MK	
△ Q533	6-702-390-01	IC MN2488-OPY-MK	
△ Q534	6-702-391-01	IC MP1620-OPY-MK	
△ Q603	6-702-390-01	IC MN2488-OPY-MK	
△ Q604	6-702-391-01	IC MP1620-OPY-MK	
△ Q653	6-702-390-01	IC MN2488-OPY-MK	
△ Q654	6-702-391-01	IC MP1620-OPY-MK	
△ Q703	6-702-390-01	IC MN2488-OPY-MK	
△ Q704	6-702-391-01	IC MP1620-OPY-MK	
△ Q753	6-702-390-01	IC MN2488-OPY-MK	
△ Q754	6-702-391-01	IC MP1620-OPY-MK	
△ T901	1-443-525-11	POWER TRANSFORMER (EXCEPT E51)	
△ T901	1-443-526-11	POWER TRANSFORMER (E51)	
TN1	1-693-733-11	TUNER (FM/AM) (AR, E51)	
TN1	1-693-735-11	TUNER (FM/AM) (SP, SP6, AUS)	

REVISION HISTORY

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