

STR-DA1000ES/DB790

SERVICE MANUAL

Ver. 1.5 2006.11



Photo: STR-DA1000ES

US Model
Canadian Model

STR-DA1000ES

AEP Model

UK Model

E Model

Australian Model

Chinese Model

STR-DB790

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

* Manufactured under license from Dolby Laboratories.

"Dolby", "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.

** "DTS" and "DTS Digital Surround" are registered trademarks of Digital Theater Systems, Inc.

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS

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

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

Amplifier section

POWER OUTPUT

STR-DA1000ES:

Rated Power Output at Stereo Mode

(8 ohms 20 Hz – 20 kHz, THD 0.09%) 100 W + 100 W

(4 ohms 20 Hz – 20 kHz, THD 0.09%) 80 W + 80 W

Reference Power Output

(8 ohms 20 Hz – 20 kHz, THD 0.09%)

FRONT¹⁾: 100 W + 100 W

CENTER¹⁾: 100 W

SURR¹⁾: 100 W + 100 W

SURR BACK¹⁾:

100 W + 100 W

(4 ohms 20 Hz – 20 kHz, THD 0.09%)

FRONT¹⁾: 80 W + 80 W

CENTER¹⁾: 80 W

SURR¹⁾: 80 W + 80 W

SURR BACK¹⁾:

80 W + 80 W

STR-DB790:

Rated Power Output at Stereo Mode

(8 ohms 1 kHz, THD 0.7%) 90 W + 90 W³⁾

(4 ohms 1 kHz, THD 0.7%) 80 W + 80 W³⁾

Reference Power Output²⁾

(8 ohms 1 kHz, THD 0.7%)

FRONT¹⁾: 100 W + 100 W

CENTER¹⁾: 100 W

SURR¹⁾: 100 W + 100 W

SURR BACK¹⁾: 100 W

(4 ohms 1 kHz, THD 0.7%)

FRONT¹⁾: 90 W + 90 W

CENTER¹⁾: 90 W

SURR¹⁾: 90 W + 90 W

SURR BACK¹⁾: 90 W

(8 ohms 20 Hz – 20 kHz, THD 0.09%)

FRONT¹⁾: 90 W + 90 W

CENTER¹⁾: 90 W

SURR¹⁾: 90 W + 90 W

SURR BACK¹⁾: 90 W

(4 ohms 20 Hz – 20 kHz, THD 0.09%)

FRONT¹⁾: 80 W + 80 W

CENTER¹⁾: 80 W

SURR¹⁾: 80 W + 80 W

SURR BACK¹⁾: 80 W

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

2) Measured under the following conditions:

Area code	Power requirements
SP, MY, CEL, CEK, AU, CN	230 V AC, 50 Hz
TW	110 V AC, 60 Hz

3) Measured under the following conditions:

Area code	Power requirements
KR	220 V AC, 50 Hz

Frequency response

PHONO	RIAA equalization curve ±0.5 dB
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MULTI CH IN, CD/ SACD, MD/TAPE, DVD, TV/SAT, VIDEO 1, 2, 3	10 Hz – 100 kHz +0.5/-2 dB (when ANALOG DIRECT is selected)
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Inputs (Analog)

PHONO	Sensitivity: 2.5 mV Impedance: 50 kilohms S/N ³⁾ : 86 dB (A, 2.5 mV ⁴⁾)
MULTI CH IN, CD/ SACD, MD/TAPE, DVD, TV/SAT, VIDEO 1, 2, 3	Sensitivity: 150 mV Impedance: 50 kilohms S/N ⁴⁾ : 96 dB (A, 150 mV ⁵⁾)

– Continued on next page –

FM STEREO FM/AM RECEIVER

STR-DA1000ES/DB790

Ver 1.1

4) INPUT SHORT.

5) Weighted network, input level.

Inputs (Digital)

DVD (Coaxial)	Impedance: 75 ohms S/N: 100 dB (A, 20 kHz LPF)
DVD, TV/SAT, MD, VIDEO3 (Optical)	S/N: 100 dB (A, 20 kHz LPF)

Outputs

MD/TAPE (REC OUT), VIDEO 1, 2 (AUDIO OUT)	Voltage: 150 mV Impedance: 2.2 kilohms
SUB WOOFER	Voltage: 2 V Impedance: 1 kilohms

EQ

Gain levels	±10 dB, 1 dB step
-------------	-------------------

FM tuner section

Tuning range	87.5 - 108.0 MHz
Antenna	FM wire antenna
Antenna terminals	75 ohms, unbalanced
Sensitivity	
Mono:	18.3 dBf, 2.2 μV/75 ohms
Stereo:	38.3 dBf, 22.5 μV/75 ohms
Useable sensitivity	11.2 dBf, 1 μV/75 ohms
S/N	
Mono:	76 dB
Stereo:	70 dB
Harmonic distortion at 1 kHz	
Mono:	0.3%
Stereo:	0.5%
Separation	45 dB at 1 kHz
Frequency response	30 Hz – 15 kHz, +0.5/-2 dB
Selectivity	60 dB at 400 kHz

AM tuner section

Tuning range	
STR-DA1000ES:	530 – 1,710 kHz ⁶⁾ (With 10-kHz tuning scale) 531 – 1,710 kHz ⁶⁾ (With 9-kHz tuning scale)
STR-DB790:	531 – 1,602 kHz (With 9-kHz tuning scale)
Antenna	Loop antenna
Usable sensitivity	50 dB/m (at 1,000 kHz or 999 kHz)
S/N	54 dB (at 50 mV/m)
Harmonic distortion	0.5% (50 mV/m, 400 Hz)
Selectivity	
At 9 kHz:	35 dB
At 10 kHz:	40 dB
6) 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 PRESET TUNING + or TUNING +, 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
S-video:	Y: 1 Vp-p, 75 ohms C: 0.286 Vp-p, 75 ohms
COMPONENT VIDEO:	Y: 1 Vp-p, 75 ohms B-Y: 0.7 Vp-p, 75 ohms R-Y: 0.7 Vp-p, 75 ohms

General

Power requirements	
Area code	Power requirements
U, CA	120 V AC, 60 Hz
CEL, CEK, AU	230 V AC, 50/60 Hz
SP, MY, KR, CN	220 – 230 V AC, 50/60 Hz
TW	110 V AC, 60 Hz

Power consumption	
Area code	Power consumption
U	290 W
CA	340 VA
CEL, CEK, AU	290 W
SP, MY, KR, CN	290 W
TW	290 W

Power consumption (during standby mode)	
1 W	
AC outlets	
Area code	AC outlets
U, CA	1 switched, 120 W/1A MAX
SP, MY, TW	1 switched, 100 W MAX

Dimensions	430 161 400 mm including projecting parts and controls
Mass (Approx.)	14.5 kg

Supplied accessories

FM wire antenna (1)
AM loop antenna (1)
STR-DA1000ES:
Remote commander RM-LG112 (1)
R6 (size-AA) batteries (2)
STR-DB790:
Remote commander RM-PP412 (1)
R6 (size-AA) batteries (2)

Design and specifications are subject to change without notice.

NOTE: Abbreviation

- AU : Australian model
- CA : Canadian model
- CEK : UK model
- CEL : AEP model
- CN : Chinese model
- KR : Korean model
- MY : Malaysia model
- SP : Singapore model
- TW : Taiwan model
- U : US model

Notes on chip component replacement

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

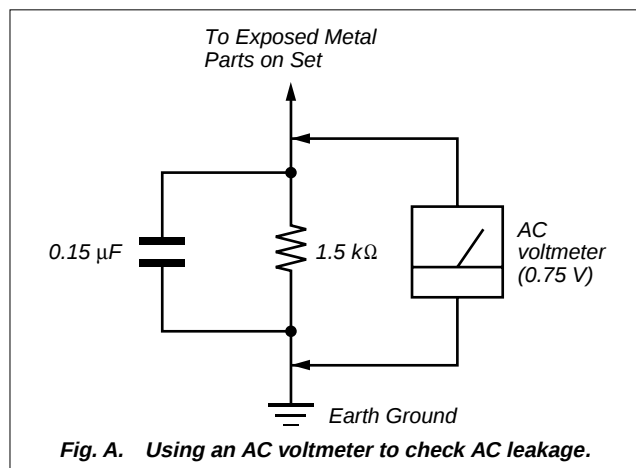
SAFETY CHECK-OUT

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

LEAKAGE TEST

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

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



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.

与安全有关的零部件须知

在原理图上用阴影及 △ 标记来识别的零部件在安全操作上是具有关键性的。这些零部件要用本手册中所示的部件号对应的索尼零部件进行更换。

在安全操作上具有关键性的电路调整与索尼公司出版的维修手册完全一致。在更换关键零部件时或怀疑动作失常时，请进行这些调整操作。

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.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

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

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SECTION 1 SERVICING NOTES

• MODEL IDENTIFICATION

– Back Panel –



Model	PART No.
DB790 : AEP, UK and Australian models	4-245-425-0□
DB790 : Singapore and Malaysia models	4-245-425-1□
DB790 : Taiwan model	4-245-425-2□
DB790 : Chinese model	4-245-425-3□
DB790 : Korean model	4-245-425-4□
DA1000ES: US model	4-245-425-6□
DA1000ES: Canadian model	4-245-425-7□

ERROR MESSAGES

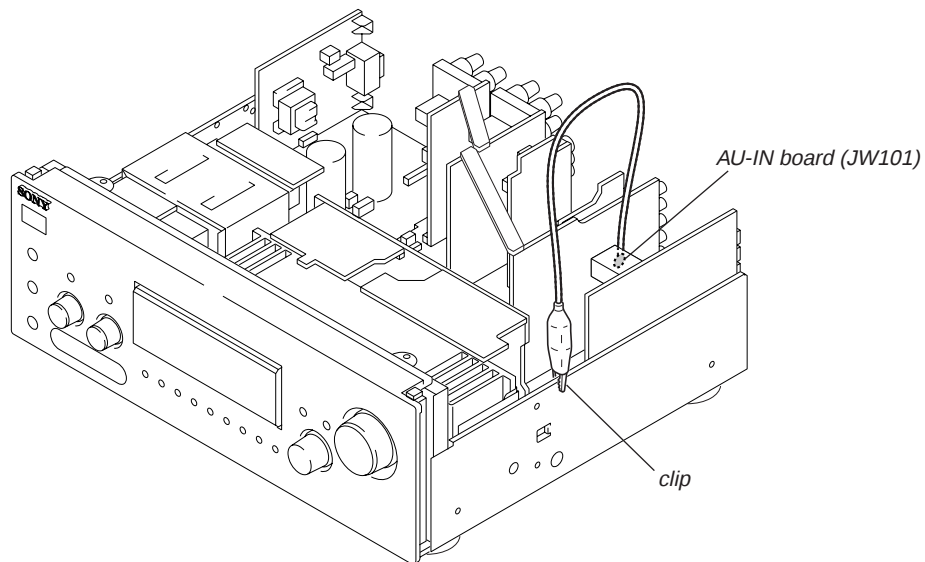
If there is a malfunction, the display shows a code of two numbers and a message. You can check the condition of the system by message. Refer to the following table to solve the problem.

messages	cause and response
DEC. EROR	Appears when the signal which the receiver can not decode (example DSD-CD) is input when “DEC.” is set to “DEC. PCM”. Set to “DEC. AUTO”.
PROTECT	Irregular current output to the speakers. Turn off the receiver and check the speaker connection. Then turn on the power again. Be comes this display, When short current flowed with breakage of the power MOS, or when detection resistor becomes open in connection with it.

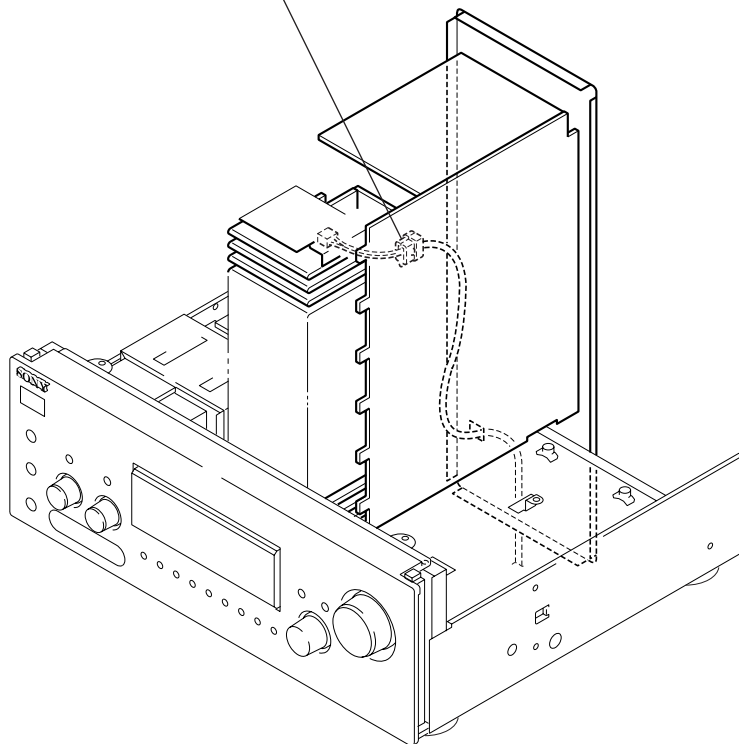
SERVICE POSITION

[Connecting the clip for GND]

When checking without back panel, it is necessary to connect the clip for GND to a chassis.



It is necessary to remove cord bushing from back panel.

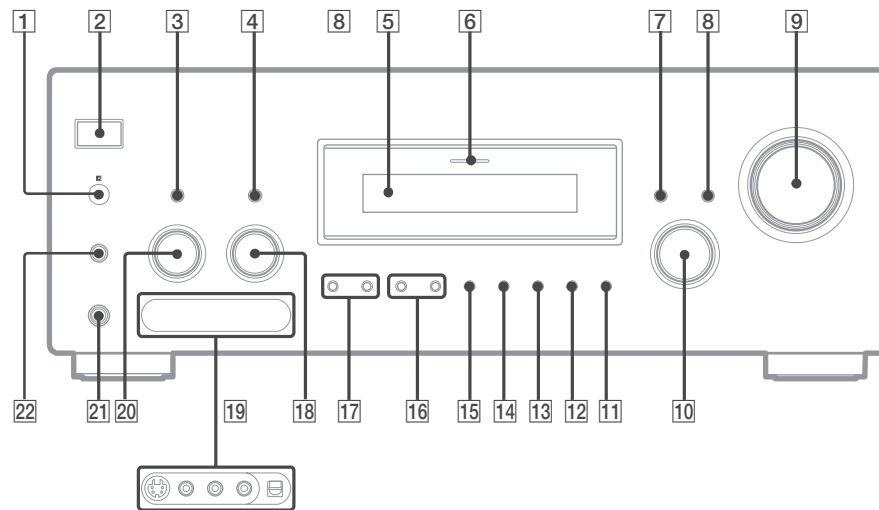


SECTION 2 GENERAL

This section is extracted from instruction manual.

LOCATION OF CONTROLS

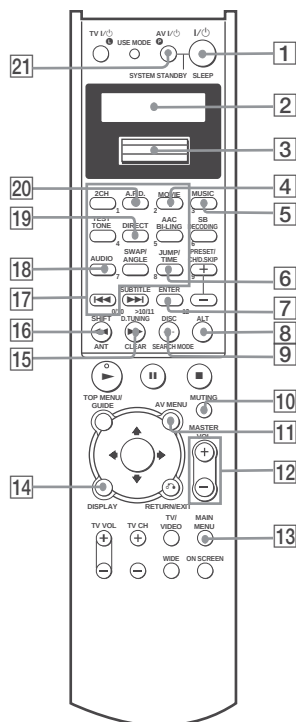
– Front Panel –



- | | |
|--|----------------------|
| A.F.D. 13 | 2CH 14 |
| DISPLAY 7 | -/+ 18 |
| Display 5 | I/⏻ (power) 2 |
| INPUT MODE 8 | |
| INPUT SELECTOR 10 | |
| IR receptor 1 | |
| MAIN MENU 3 | |
| MASTER VOLUME -/+ 9 | |
| MEMORY/ENTER 4 | |
| MENU 20 | |
| MOVIE 12 | |
| MULTICHANNEL DECODING indicator 6 | |
| MUSIC 11 | |
| PHONES jack 21 | |
| PRESET TUNING -/+ 17 | |
| SPEAKERS 22 | |
| SURR BACK DECODING 15 | |
| TUNING -/+ 16 | |
| VIDEO 3 INPUT jacks 19 | |

STR-DA1000ES/DB790

– Remote Commander (RM-LG112) (STR-DA1000ES) –



I/O [1]

Press to turn the receiver on or off.

A.F.D. [20]

Press to set the receiver to automatically select the appropriate decoding mode for the input signal.

ALT [8]

Press to change remote key function to activate those buttons with orange printing.

ANT* (After pressing ALT) [16]

When you selected VCR, press to select output signal from antenna terminal: TV signal or VCR program.

AUDIO [18]

Changing the sound to Multiplex, Bilingual or Multi channel TV sound.

AV MENU [11]

Press to display the menus of the VCR, satellite tuner, or DVD.

AV I/O [21]

Press to turn the selected audio and video components on or off.

If you press the I/O switch at the same time, it will turn off the receiver and other Sony audio/video components (SYSTEM STANDBY).

Note

The function of the AV I/O switch changes automatically each time you select the input with the easy scroll key ([3]). Depending on the component, the above operation may not be possible or may operate differently than described.

CLEAR* (After pressing ALT) [15]

When you selected CD player or DVD player, press if you made a mistake when you press the numeric buttons or press to return to the continuous play, etc.

D.TUNING* [15]

When you selected tuner, press to enter direct tuning mode.

DIRECT [19]

Press to select DIRECT function.

DISC* [9]

When you selected CD player or video CD player, press to select a disc directly (multi-disc changer only).

DISPLAY* [14]

Press to select the information displayed on the display of the receiver or TV screen.

Display [2]

Select the input, macro list and command mode of the remote.

Easy scroll key [3]

Move to select the input and press to enter the selection. The components are factory assigned to the inputs as follows. When you want to assign other components, program the remote following the steps on "Programming the remote" on page 9.

Input(s)	Assigned component(s)
VIDEO 1	VCR (VTR mode 3)
VIDEO 2	VCR (VTR mode 1)
VIDEO 3	VCR (VTR mode 2)
DVD	DVD player
TV/SAT	TV tuner
TAPE	Tape deck (B)
MD/DAT	MD deck
CD/SACD	CD player
TUNER	Built-in tuner
PHONO	Turntable
MULTI	Component connected to the multi channel input jacks on the receiver
M1, M2*	(Macro list)

* For details, see page 13.

See the table on page 8 for information on the buttons that you can use to control each component.

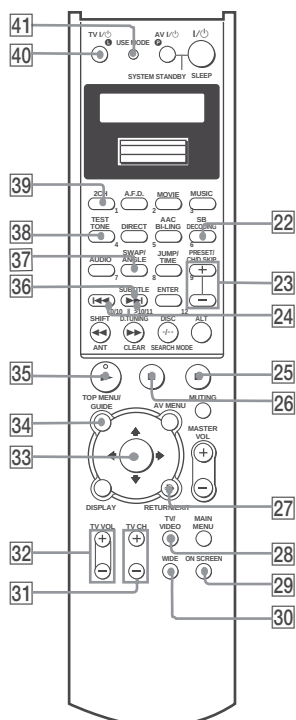
Note that the inputs are factory-set as described in the table above. If you want to change the factory setting of the buttons to match your particular components, do the procedure "Programming the remote" on page 9.

ENTER (After pressing ALT) [7]

After selecting a channel, disc or track using the numeric buttons, press to enter the valve.

JUMP/TIME* [6]

If you selected TV:



ON SCREEN [29]

Press to display the menus of the receiver on the TV screen (only for the models with on screen function).

PRESET/CH/D.SKIP +/- [23]

If you selected tuner:

Press to scan and select preset stations.

If you selected TV, VCR, or satellite tuner:

Press to select preset channels.

If you selected CD player, video CD player, DVD player, or MD deck:

Press to skip discs (multi-disc changer only).

RETURN ⏮/EXIT [27]

After pressing MAIN MENU, AV MENU, or TOP MENU/GUIDE, press to return to the previous menu or exit the menu.

SB DECODING [22]

Press to select surround back decoding mode.

SEARCH MODE* [9]

When you selected DVD player, press to select the search mode. Press to select the unit for search (track, index, etc.).

SHIFT [16]

When you selected tuner, press repeatedly to select a memory page for presetting radio stations or tuning to preset stations.

SLEEP (After pressing ALT) [1]

Press repeatedly to activate the sleep function and select the duration which the receiver turns off automatically.

SUBTITLE* (After pressing ALT) [36]

When you selected DVD player, press to change the subtitles.

SWAP**/ANGLE* [37]

If you selected TV:

Press to swap the small and large pictures (only for Sony TVs with picture-in-picture function).

If you selected DVD player:

Press to select viewing angle or changing the angles.

TEST TONE [38]

Press to output a test tone.

TOP MENU/GUIDE* [34]

Press to display DVD titles or guide menus.

TV/VIDEO [26]

Press to select the TV to input signal: TV input or video input.

TV CH +/- [31]

Press to select preset TV channels.

TV VOL +/- [32]

Press to adjust the volume of TV.

TV I/O [40]

Press to turn the TV on or off.

USE MODE [41]

Press to set up the remote.

WIDE [30]

Press to switch the TV to the wide mode.

2CH [39]

Press to turn the sound field off and listen to 2 channel stereo sound. Multi channel source is also downmixed to a 2 channel stereo sound.

>10/11* (After pressing ALT) [36]

When you selected CD player, video CD player, LD player, MD deck, or tape deck, press to select track number over 10.

-./- [9]

When you selected TV, press to select the channel entry mode, either one or two digit.

▲/♦/◆/◆/ENTER/EXECUTE [33]

After pressing MAIN MENU, AV MENU, or TOP MENU/GUIDE, use the button to make specific settings, then press the button to enter the selection.

▷ [35]

Press to start play. (Press to start play on the front sides of the cassette.)

Press to toggle between the previous and the current channels.

If you selected CD player, video CD player, or DVD player:

Press to display the time information.

MAIN MENU [13]

Press to select the menu of the receiver.

MASTER VOL +/- [12]

Press to adjust the volume level of all speakers at the same time.

MOVIE [4]

Press to select the sound fields for movies.

MUSIC [5]

Press to select the sound fields for music.

MUTING [10]

Press to mute the sound.

Numeric buttons (1-9, 0/10)* (After pressing ALT) [17]

If you selected tuner:

Use with SHIFT to select tuner preset station numeric input during DIRECT TUNING or MEMORY mode.

If you selected CD player, video CD player, DVD player, MD deck, or DAT deck:

Press to select track numbers. 0/10 selects track 10.

If you selected TV, VCR, or satellite tuner:

Press to select channel numbers.

* The function of these buttons switch automatically each time you select the input with the easy scroll key ([3]). Depending on the component, the above operation may not be possible or may operate differently than described.

⏮ [26]

Press to pause play or recording, or press to start recording when the component is in recording standby.

■ [25]

Press to stop play.

⏮/⏭ [24]

Press to skip tracks.

⏮/⏭ [15/16]

Press to fast-forward or rewind. Press to search tracks in the forward or backward direction.

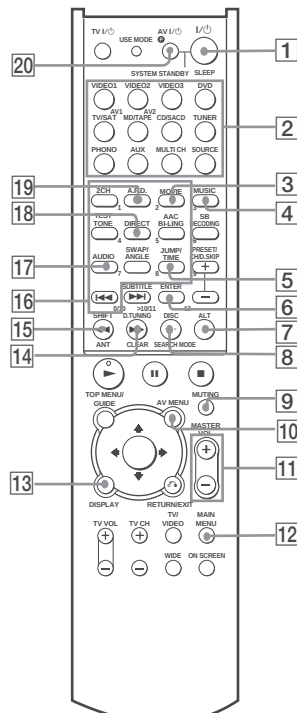
* The function of these buttons switch automatically each time you select the input with the easy scroll key ([3]). Depending on the component, the above operation may not be possible or may operate differently than described.

** Only for Sony TVs with the picture-in-picture function.

Notes

- The AAC BI-LING and 12 buttons are not available.
- Some buttons may not be used 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.
- To activate the buttons with orange printing, press ALT first before pressing the buttons.
- Before you use the ▲/♦/◆/◆/ENTER/EXECUTE button for receiver operation, press MAIN MENU. To operate other components, press TOP MENU/GUIDE or AV MENU after selecting the input.

– Remote Commander (RM-PP412) (STR-DB790) –



I/O [1]

Press to turn the receiver on or off.

A.F.D. [19]

Press to set the receiver to automatically select the appropriate decoding mode for the input signal.

ALT [7]

Press to change remote key function to activate those buttons with orange printing.

ANT* (After pressing ALT) [15]

When you selected VCR, press to select output signal from antenna terminal: TV signal or VCR program.

AUDIO [17]

Changing the sound to Multiplex, Bilingual or Multi channel TV sound.

AV MENU [10]

Press to display the menus of the VCR, satellite tuner, or DVD.

AV I/O switch [20]

Press to turn the selected audio and video components on or off.

If you press the I/O switch at the same time, it will turn off the receiver and other Sony audio/video components (SYSTEM STANDBY).

Note

The function of the AV I/O switch changes automatically each time you select the input with the input buttons ([2]). Depending on the component, the above operation may not be possible or may operate differently than described.

CLEAR* (After pressing ALT) [14]

When you selected CD player or DVD player, press if you made a mistake when you press the numeric buttons or press to return to the continuous play, etc.

D.TUNING* [14]

When you selected tuner, press to enter direct tuning mode.

DIRECT [18]

Press to select DIRECT function.

DISC* [8]

When you selected CD player or video CD player, press to select a disc directly (multi-disc changer only).

ON SCREEN [28]

Press to display the menus of the receiver on the TV screen (only for the models with on screen function).

PRESET/CH/D.SKIP +/- [22]

If you selected tuner:
Press to scan and select preset stations.

If you selected TV, VCR, or satellite tuner:
Press to select preset channels.

If you selected CD player, video CD player, DVD player, or MD deck:
Press to skip discs (multi-disc changer only).

RETURN/EXIT* [26]

After pressing MAIN MENU, AV MENU, or TOP MENU/GUIDE, press to return to the previous menu or exit the menu.

SB DECODING [21]

Press to select surround back decoding mode.

SEARCH MODE* [8]

When you selected DVD player, press to select the search mode. Press to select the unit for search (track, index, etc.).

SHIFT* [15]

When you selected tuner, press repeatedly to select a memory page for presetting radio stations or tuning to preset stations.

SLEEP (After pressing ALT) [1]

Press repeatedly to activate the sleep function and select the duration which the receiver turns off automatically.

SUBTITLE* (After pressing ALT) [35]

When you selected DVD player, press to change the subtitles.

DISPLAY* [13]

Press to select the information displayed on the display of the receiver or TV screen.

ENTER (After pressing ALT) [6]

After selecting a channel, disc or track using the numeric buttons, press to enter the valve.

Input buttons [2]

Press to select the input. Use AV 1 and AV 2 to select the command mode of the remote.

The components are factory assigned to the inputs as follows. When you want to assign other components, program the remote following the steps on "Programming the remote" on page 9.

Input(s)	Assigned component(s)
VIDEO 1	VCR (VTR mode 3)
VIDEO 2	VCR (VTR mode 1)
VIDEO 3	VCR (VTR mode 2)
DVD	DVD player
TV/SAT	TV tuner
MD/TAPE	MD deck / Tape deck (B)
CD/SACD	CD player
TUNER	Built-in tuner
PHONO	Turntable
AUX	Other audio component
MULTI CH	Component connected to the multi channel input jacks on the receiver

See the table on page 8 for information on the buttons that you can use to control each component.

Note that the inputs are factory-set as described in the table above. If you want to change the factory setting of the buttons to match your particular components, do the procedure "Programming the remote" on page 9.

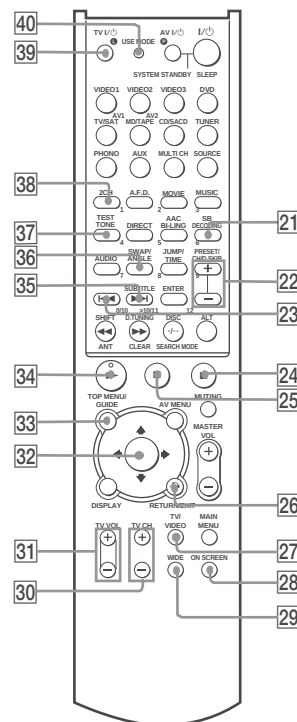
JUMP/TIME* [5]

If you selected TV:

Press to toggle between the previous and the current channels.

If you selected CD player, video CD player, or DVD player:

Press to display the time information.



SWAP*/ANGLE* [36]

If you selected TV:

Press to swap the small and large pictures (only for Sony TVs with picture-in-picture function).

If you selected DVD player:

Press to select viewing angle or changing the angles.

TEST TONE [37]

Press to output a test tone.

TOP MENU/GUIDE* [33]

Press to display DVD titles or guide menus.

TV/VIDEO [27]

Press to select the TV to input signal: TV input or video input.

TV CH +/- [30]

Press to select preset TV channels.

TV VOL +/- [31]

Press to adjust the volume of TV.

TV I/O [39]

Press to turn the TV on or off.

USE MODE [40]

Press to set up the remote.

WIDE [29]

Press to switch the TV to the wide mode.

2CH [38]

Press to turn the sound field off and listen to 2 channel stereo sound. Multi channel source is also downmixed to a 2 channel stereo sound.

>10/11* (After pressing ALT) [35]

When you selected CD player, video CD player, LD player, MD deck, or tape deck, press to select track number over 10.

MAIN MENU [12]

Press to select the menu of the receiver.

MASTER VOL +/- [11]

Press to adjust the volume level of all speakers at the same time.

MOVIE [3]

Press to select the sound fields for movies.

MUSIC [4]

Press to select the sound fields for music.

MUTING [9]

Press to mute the sound.

Numeric buttons (1-9, 0/10)* (After pressing ALT) [16]

If you selected tuner:

Use with SHIFT to select tuner preset station numeric input during DIRECT TUNING or MEMORY mode.

If you selected CD player, video CD player, DVD player, MD deck, or DAT deck:

Press to select track numbers. 0/10 selects track 10.

If you selected TV, VCR, or satellite tuner:

Press to select channel numbers.

* The function of these buttons switch automatically each time you select the input ([2]). Depending on the component, the above operation may not be possible or may operate differently than described.

-/- [8]

When you selected TV, press to select the channel entry mode, either one or two digit.

▲/▼/◀/▶/ENTER/EXECUTE [32]

After pressing MAIN MENU, AV MENU, or TOP MENU/GUIDE, use the button to make specific settings, then press the button to enter the selection.

▶ [34]

Press to start play. (Press to start play on the front sides of the cassette.)

⏏ [25]

Press to pause play or recording, or press to start recording when the component is in recording standby.

■ [24]

Press to stop play.

⏮/⏭ [23]

Press to skip tracks.

⏮/⏭ [14/15]

Press to fast-forward or rewind.
Press to search tracks in the forward or backward direction.

* The function of these buttons switch automatically each time you select the input ([2]). Depending on the component, the above operation may not be possible or may operate differently than described.

Notes

• The AAC BI-LING, SOURCE and 12 buttons are not available.

• Some buttons may not be used 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.

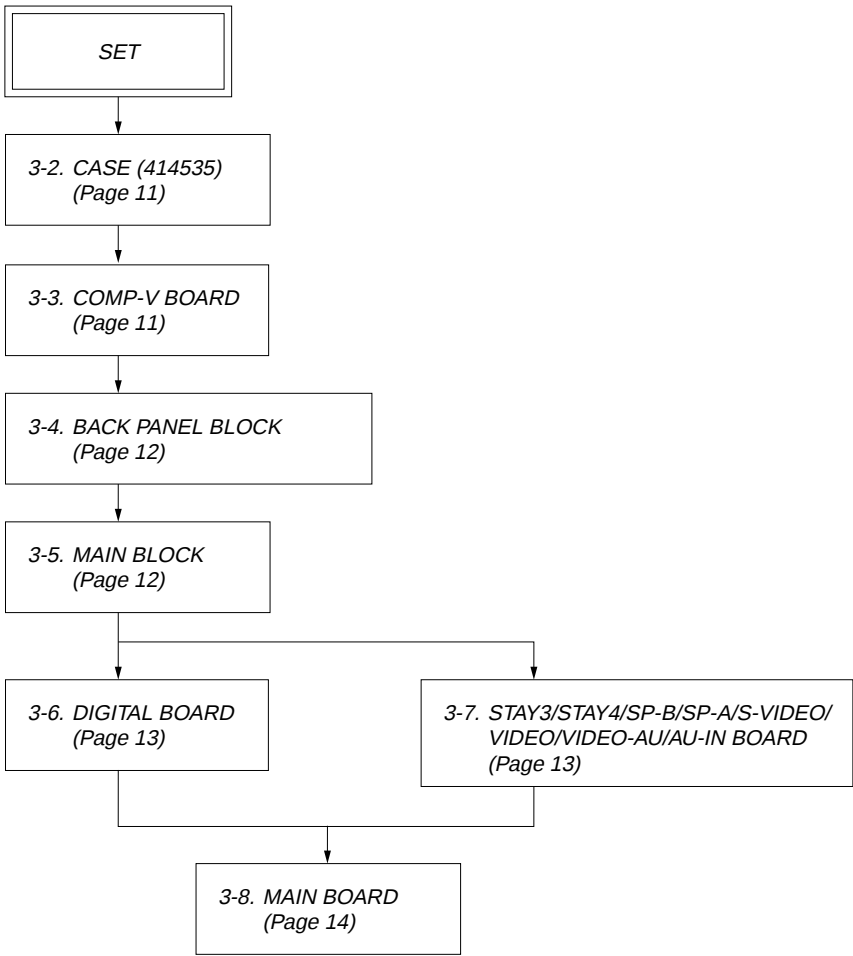
• To activate the buttons with orange printing, press ALT first before pressing the buttons.

• Before you use the ▲/▼/◀/▶/ENTER/EXECUTE button for receiver operation, press MAIN MENU. To operate other components, press TOP MENU/GUIDE or AV MENU after selecting the input.

SECTION 3
DISASSEMBLY

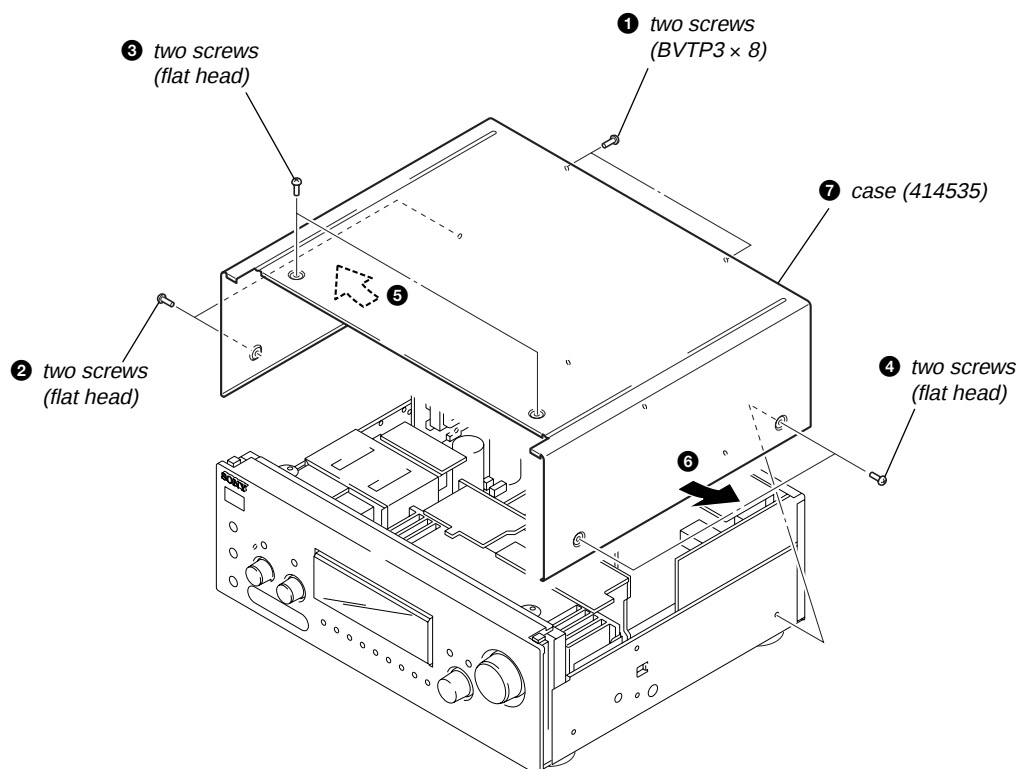
• This set can be disassembled in the order shown below.

3-1. DISASSEMBLY FLOW

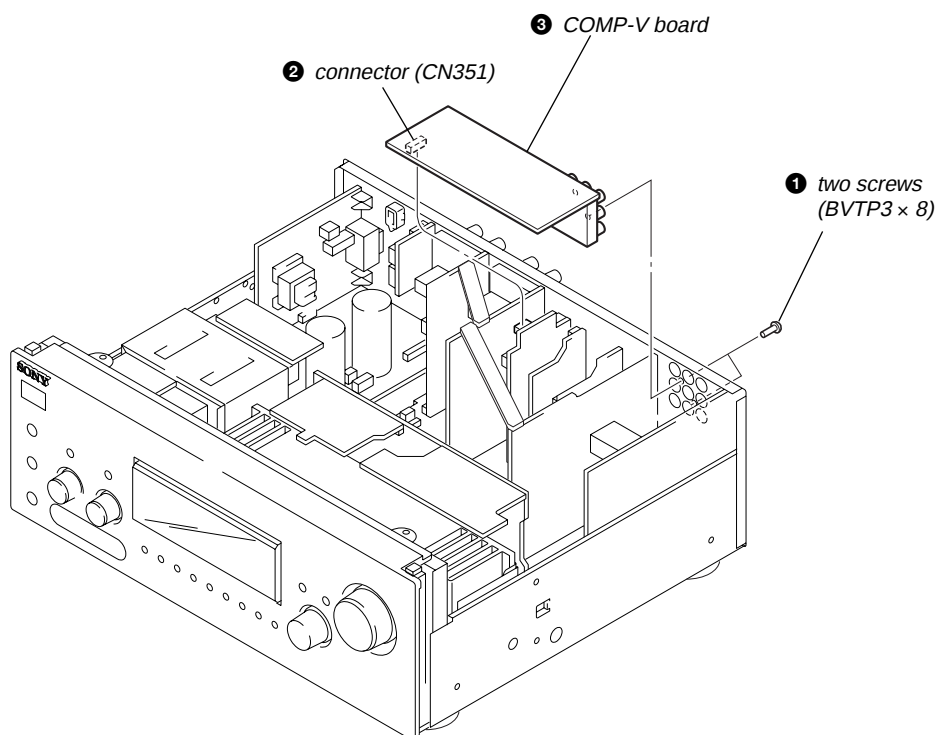


Note: Follow the disassembly procedure in the numerical order given.

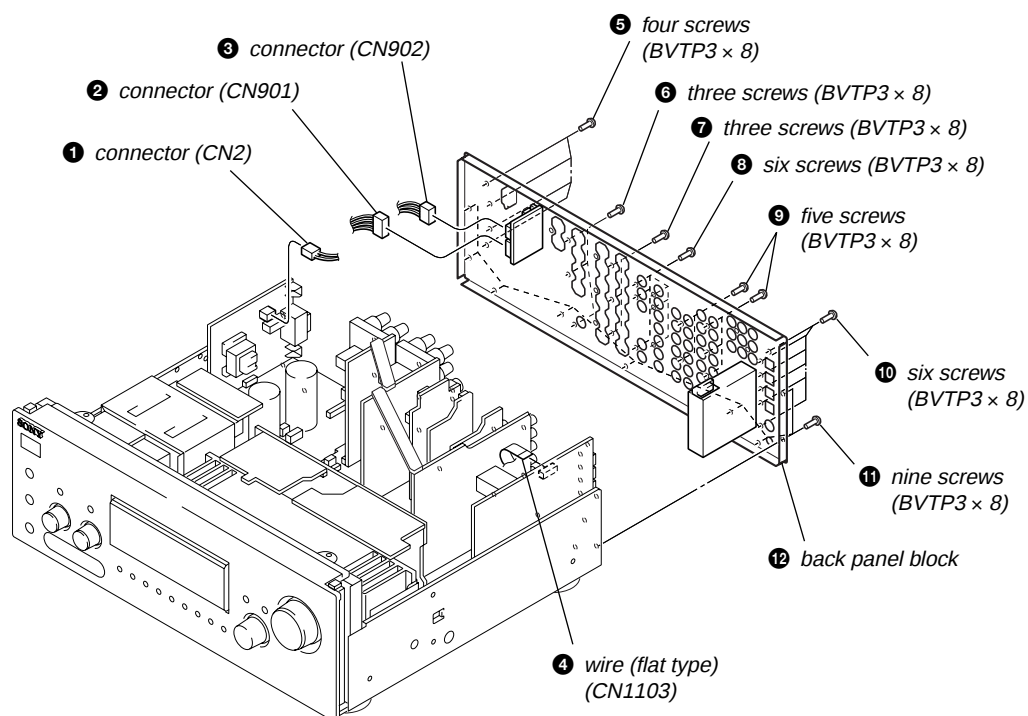
3-2. CASE (414535)



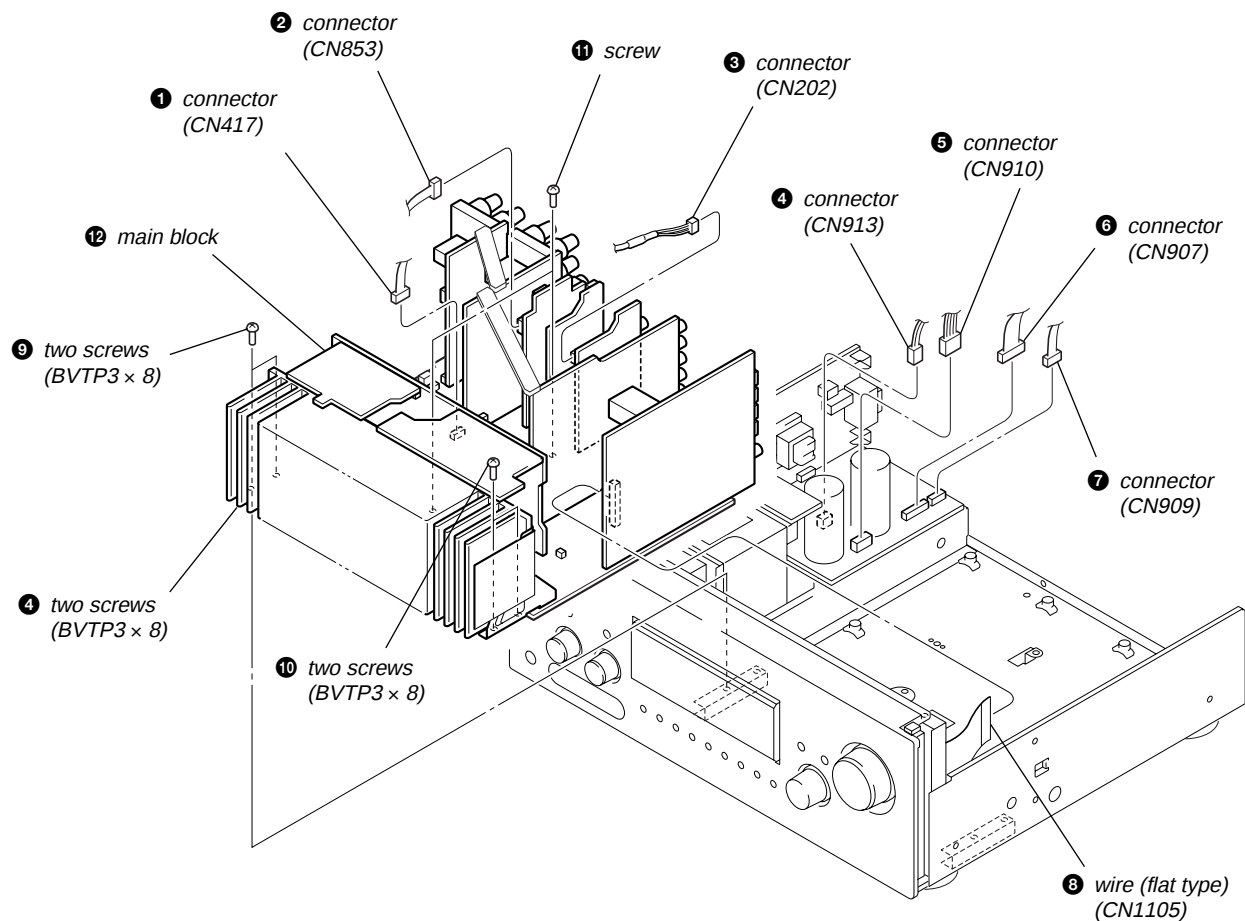
3-3. COMP-V BOARD



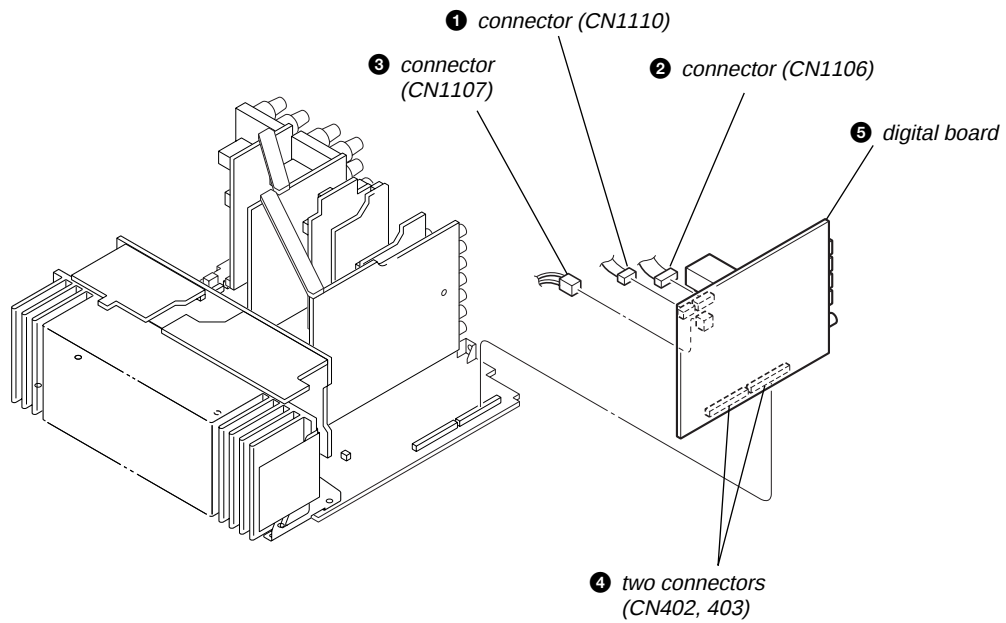
3-4. BACK PANEL BLOCK



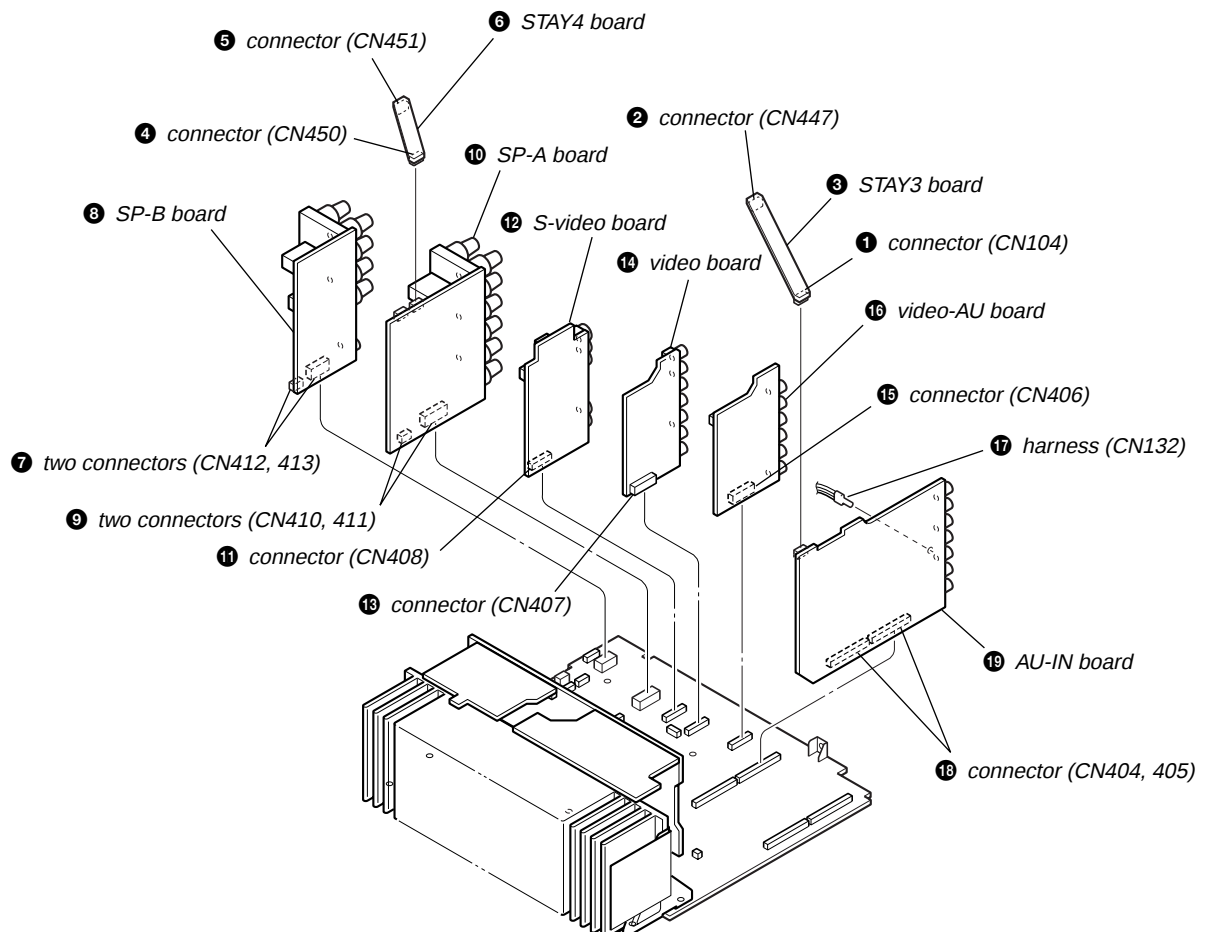
3-5. MAIN BLOCK



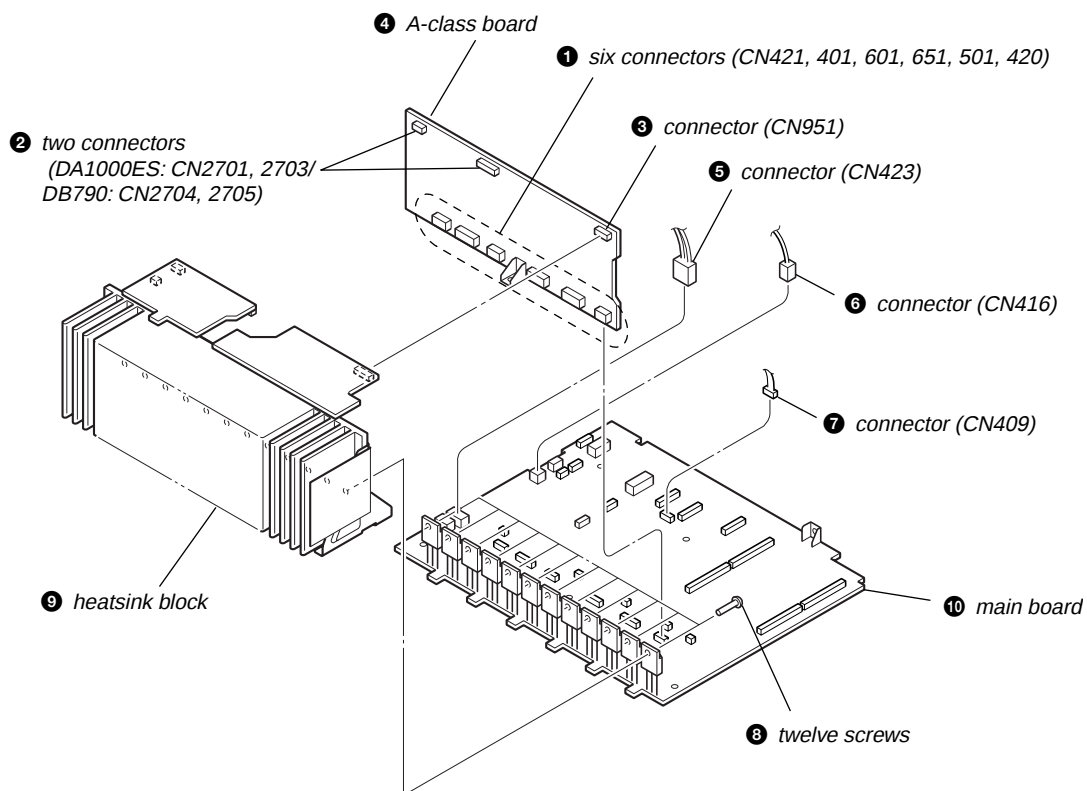
3-6. DIGITAL BOARD



3-7. STAY3/STAY4/SP-B/SP-A/S-VIDEO/VIDEO/VIDEO-AU/AU-IN BOARD



3-8. MAIN BOARD



SECTION 4 TEST MODE

TUNER FACTORY PRESET MODE

All preset contents are reset to the default setting.

Procedure:

1. While pressing the **[SURR BACK DECODING]** and **[PRE-SET TUNING -]** buttons, press the **[I/⏻]** button to turn on the main power.
2. The message "FACTORY" appears and the present contents are reset to the default values.

TUNER AM STEP CHANGE (9 kHz/10 kHz) MODE (STR-DA1000ES)

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

Procedure:

1. Press the **[I/⏻]** button to turn on the main power.
2. Turn the **[INPUT SELECTOR]** dial to select the "AM"
3. Press the **[I/⏻]** button to turn off the main power.
4. While pressing the **[PRESET TUNING +]** or **[TUNING +]** button, press the **[I/⏻]** button to turn on the main power.
5. Either the message "9 K STEP" or "10 K STEP" appears. Select the desired step.

TUNER AUTOBETICAL TUNING MODE (STR-DB790: AEP and UK models)

Procedure:

1. While pressing the **[MEMORY/ENTER]** button, press the **[I/⏻]** button to turn on the main power.
2. The message "AUTO-BETICAL SELECT" appears and scans and stores all the FM and FM RDS stations in the broadcast area.
3. When done, the message "FINISH" appears.

SOUND FIELD CLEAR MODE

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

Procedure:

1. While pressing the **[MUSIC]** button, press the **[I/⏻]** button to turn on the main power.
2. The message "SF. CLR." appears and initialization is performed.

ALL CLEAR MODE

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

Procedure:

1. While pressing the **[INPUT MODE]** and **[MEMORY/ENTER]** buttons, press the **[I/⏻]** button or press the **[I/⏻]** button for more than five seconds to turn on the main power.
2. The message "INITIAL" appears and the memories are reset to the default values.

VOLUME CHECK MODE

Procedure:

1. Enter the swap mode. (Refer to the "DSP TEST MODE" (see page16))
2. Press the **[DISPLAY]** button.
3. The message "-00dB" appears. (Volume level is "MIN")
4. Press the **[DISPLAY]** button once again.
5. The message "-58.0dB" appears. (Volume level is "MID")
6. Press the **[DISPLAY]** button once again.
7. The message "0.0dB" appears. (Volume level is "MAX")

FLUORESCENT INDICATOR TUBE PATTERN CHECK MODE

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

Procedure:

1. While pressing the **[DISPLAY]** and **[MEMORY/ENTER]** buttons, press the **[I/⏻]** button to turn on the main power.
2. All segments and **[MULTI CHANNEL DECODING]** indicator LED turn on.
3. Turn the **[INPUT SELECTOR]** dial.
4. Half of segments turn on and **[MULTI CHANNEL DECODING]** indicator LED turn off.
5. Turn the **[INPUT SELECTOR]** dial once again.
6. Others half of segments and **[MULTI CHANNEL DECODING]** indicator LED turn on.
7. Turn the **[INPUT SELECTOR]** dial once again.
8. All segments and **[MULTI CHANNEL DECODING]** indicator LED turn off.

KEY CHECK MODE

When this mode is used, the destination and the software version number are displayed.

Procedure:

1. While pressing the **[MAIN MENU]** and **[DISPLAY]** buttons, press the **[I/⏻]** button to turn on the main power.
2. The message "REST 14" appears.
3. Every pressing of any button other than the **[I/⏻]** button counts down the buttons. The buttons which are already counted once are not counted again.
4. When all buttons are pressed, the message "REST 00" appears.

SHIPMENT MODE

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

Procedure:

1. While pressing the **[TUNING +]** and **[MUSIC]** buttons, press the **[I/⏻]** button to turn on the main power.
2. The memories are reset to the default values and the main power turn off automatically after seven minutes.

DSP TEST MODE

Procedure:

1. Press the  button to turn on the main power, then while pressing the **MEMORY/ENTER** button, press the **SURR BACK DE-CODING** button.
2. The message “SPECIAL” appears.
3. Each time the **MENU** dial is turned clockwise, the item is switched in order as follows .

Items	Display	Remark
Destination and software	**** XXX	****: destination, XXX: software version
Model name	DA1000 or DB790	Never change (IF changed, INITIALIZE works every AC on)
Destination change	DES. XXXX	XXXX: destination
Command mode change	C.MODE.AV1 or C.MODE.AV2	
Volgate limiter working level	V.LIM. > XX	Never change
Power control after protector on	PROT.EVER or PROT.OFF	When PROTECTOR works, system power is automatically down after 5 sec for safety (Set “Ever On” for the servicing)
SWAP	SWP. XXXX	Switching with  dial
Bass management	BM. XXXX	AUTO, OFF, 1 to 28 (switching with  dial)
Co-ef. Read address	RA.12XXX	Turn the  dial to switch the read data address
Co-ef. Read data	RD.XXXXXX xx	Value is read data
Co-ef. Write address	WA.12XXX	Turn the  dial to switch the write data address
Co-ef. Write data	WD.XXXXXX xx	Turn the  dial to set the write data
Total operation time	TTL-XXXX xx	4 large character is hour, 2 small character is minutes
Longest power on time	LNG-XXXX XX	
Volume < – 50 dB time display	V50-XXXX XX	
Volume < – 40 dB time display	V40-XXXX XX	
Volume < – 30 dB time display	V30-XXXX XX	
Volume < – 20 dB time display	V20-XXXX XX	
Volume < – 10 dB time display	V10-XXXX XX	
Volume < 0 dB time display	V00-XXXX XX	
Protector count value	PROT XXX	0 to 255
EEPROM condition	E-XXXXX	S RST (super reset, first time use EEPROM, test pattern corrupted) FAIL (EEPROM read/write with microprocessor have problem) V CHG (software version change) D CHG (destination/model change) CLEAR (back up data initialize) NORM (normal AC on)
EEPROM read	E-XXX-XX	First four hex code is EEPROM address Last two hex code is EEPROM data
EEPROM super reset	S.RST-YES or S.RST-NO	Not used for the servicing When EEPROM initialization is required, perform the “all clear mode” (see page 15)

SECTION 5 ELECTRICAL ADJUSTMENT

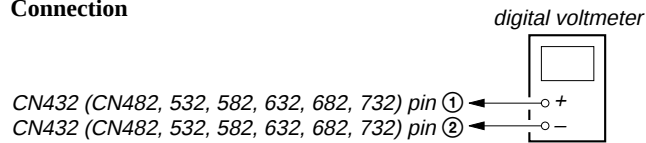
BIAS ADJUSTMENT

Condition:

input signal: no signal (no load)

volume: minimum

Connection



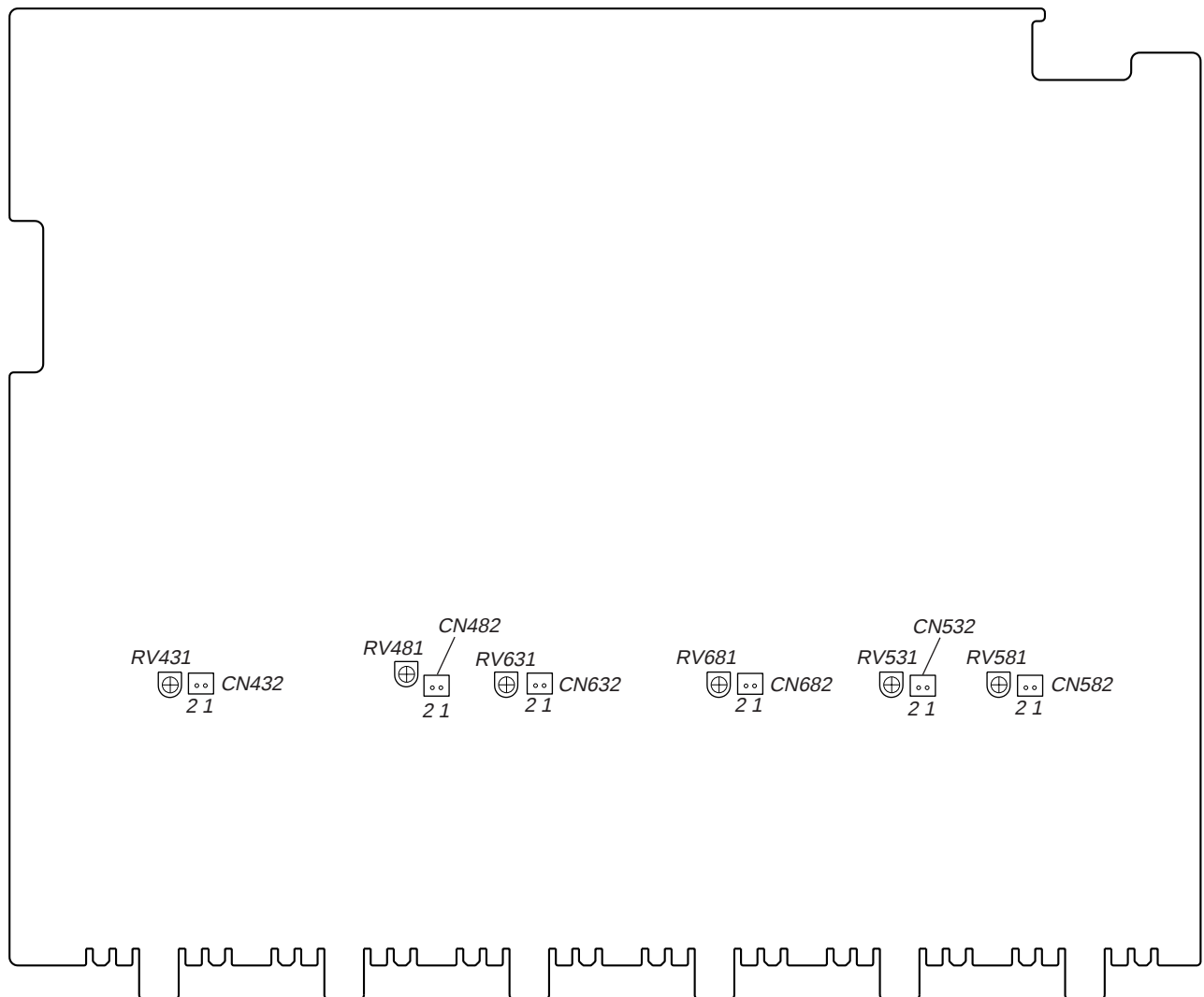
Procedure:

1. Connect a digital voltmeter to the CN432 (CN482, CN532, CN582, CN632, CN682) on the MAIN board or CN732 on the SBL board (STR-DA1000ES only).
2. Press the button to turn on the main power.
3. Adjust the RV431 (RV481, RV531, RV581, RV631, RV681) on the MAIN board or RV731 on the SBL board (STR-DA1000ES only) so that the digital voltmeter reading is 2 ± 0.5 mV.

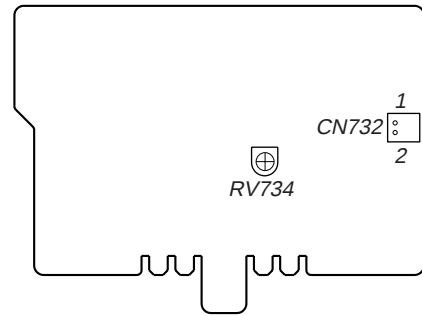
Note: When the adjusting voltage is higher than 2 ± 0.5 mV, adjust the voltage to the minimum voltage.

Adjustment and Connection Location:

– MAIN BOARD (Component Side) –



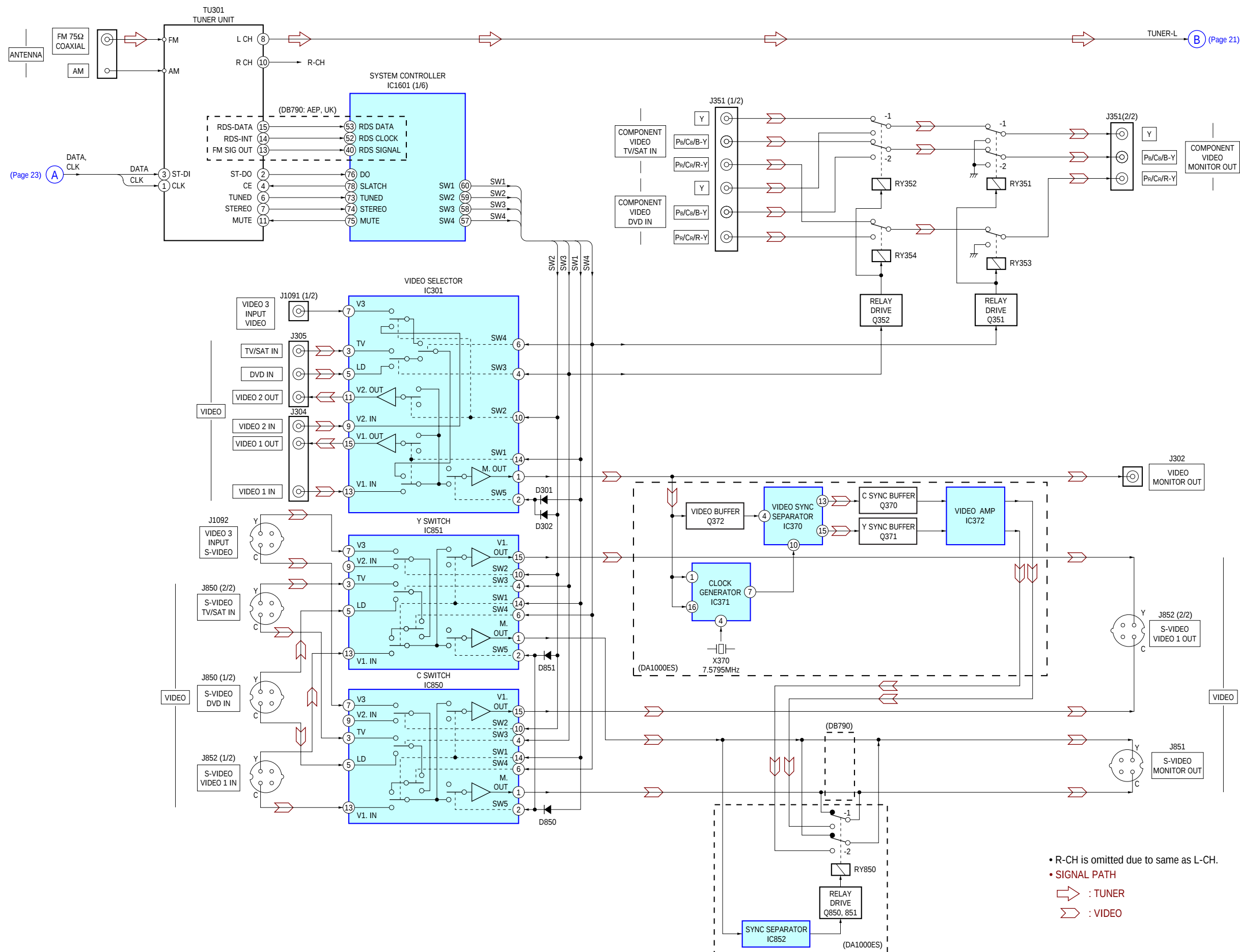
– SBL BOARD (Component Side) –



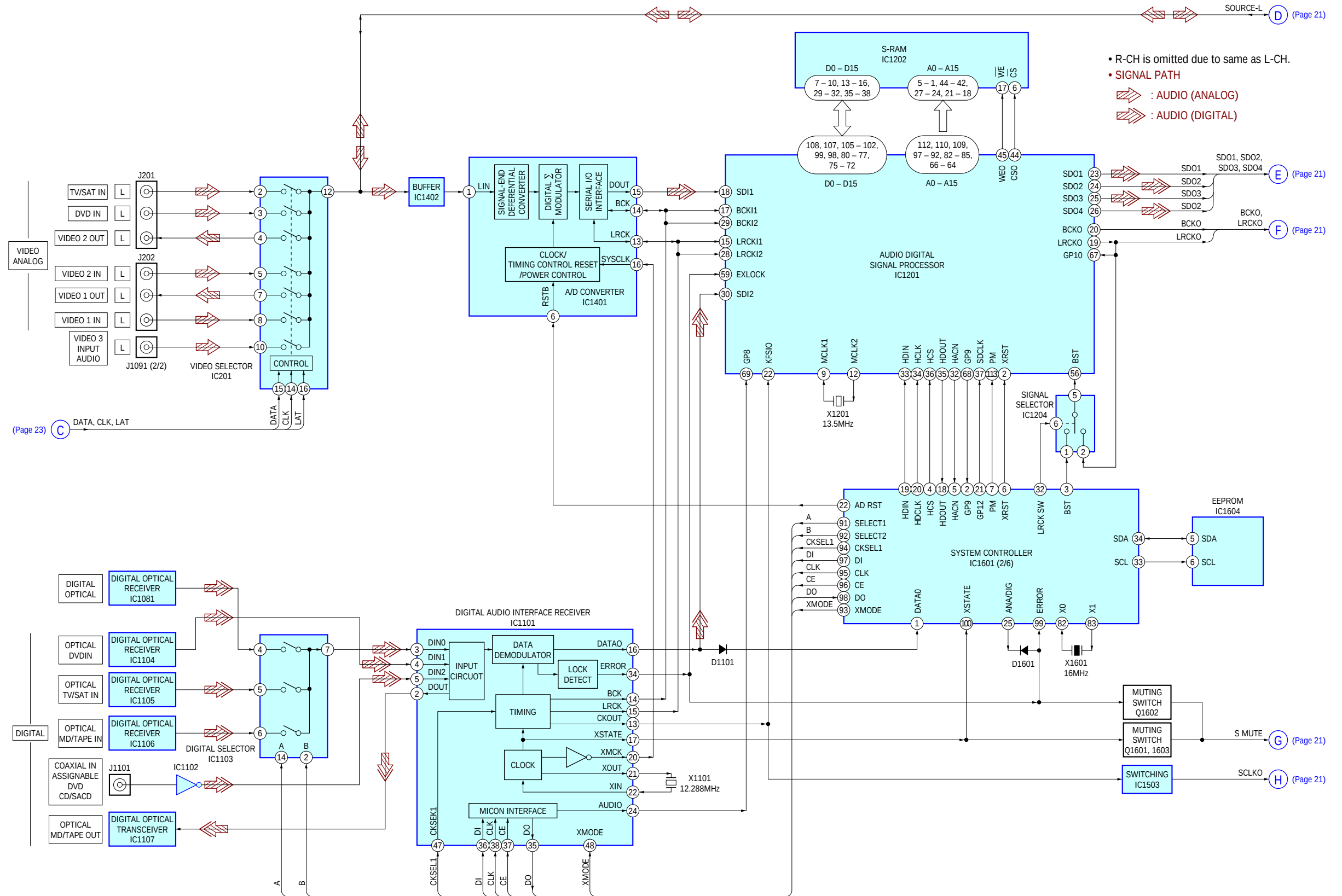
MEMO

SECTION 6 DIAGRAMS

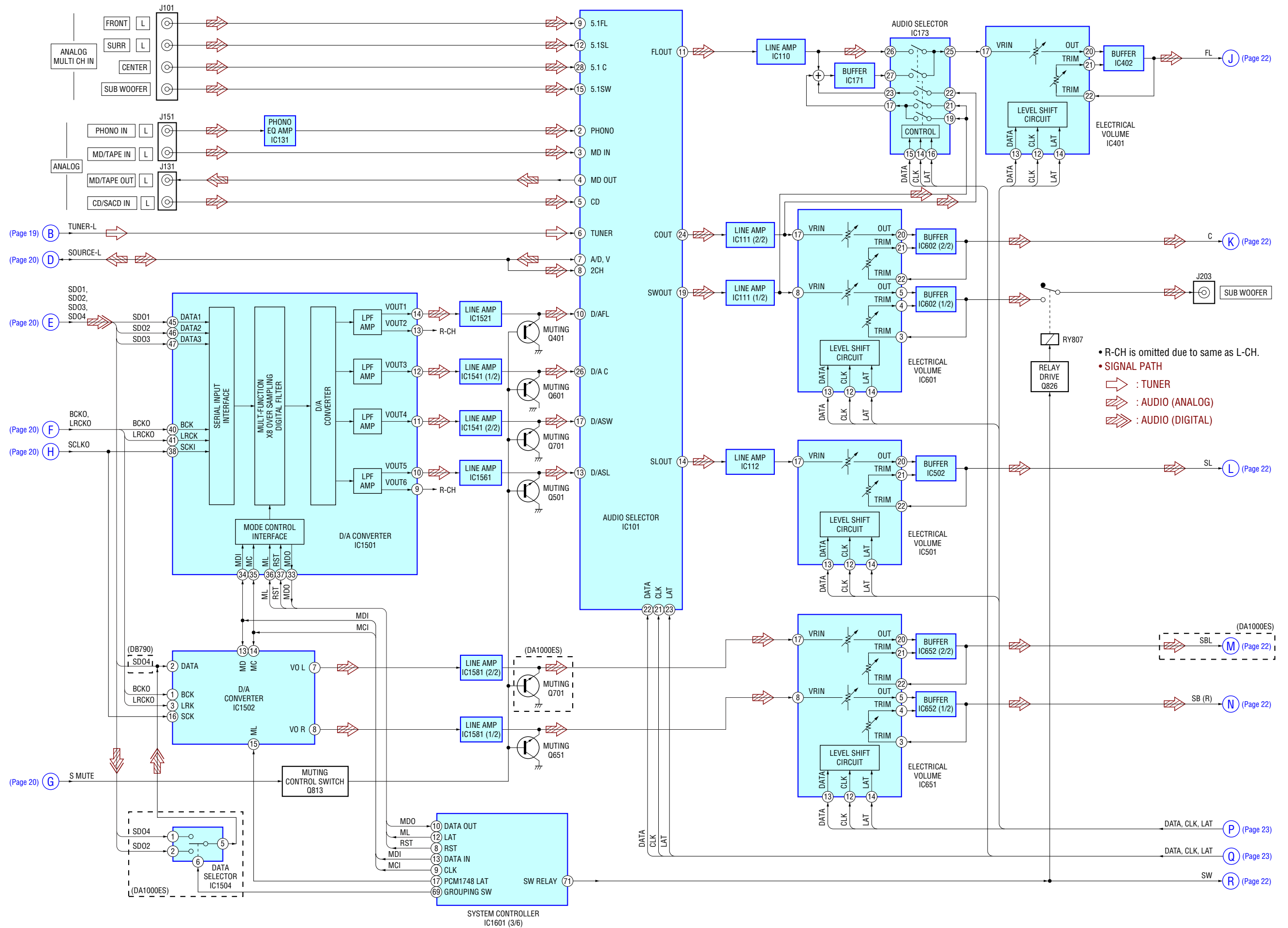
6-1. BLOCK DIAGRAM – TUNER/VIDEO Section –



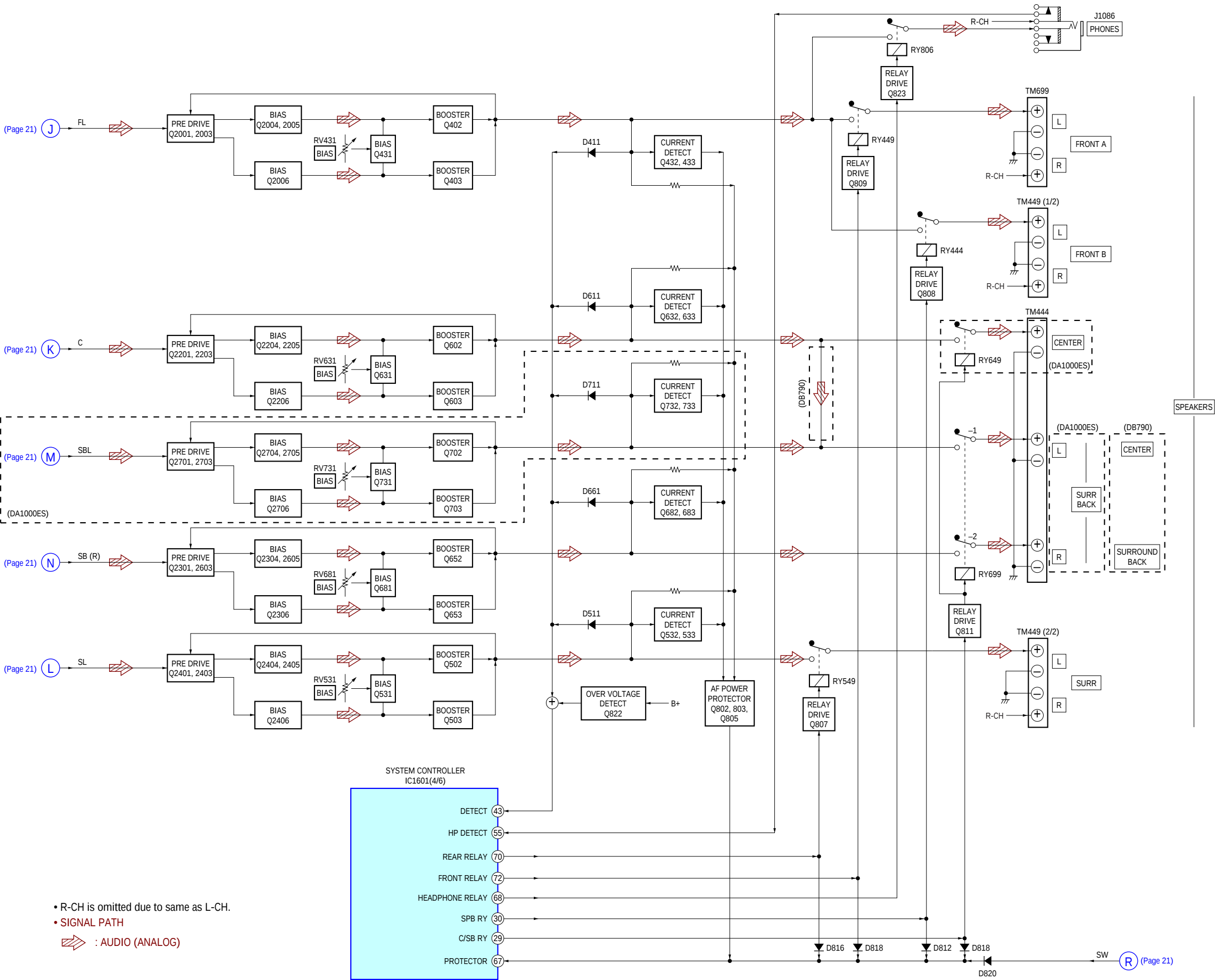
6-2. BLOCK DIAGRAM – AUDIO DSP Section –



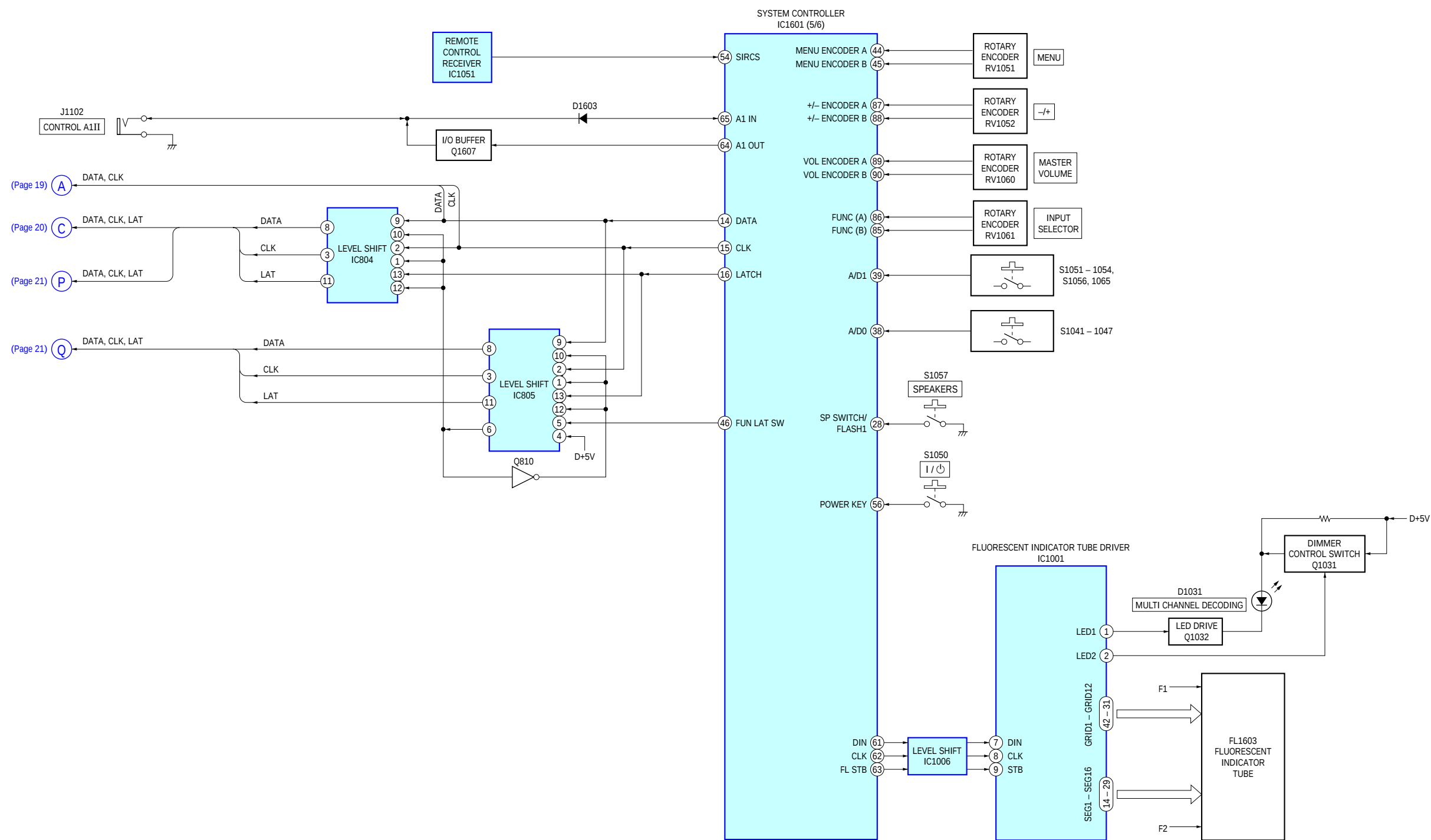
6-3. BLOCK DIAGRAM – AUDIO CONTROL Section –



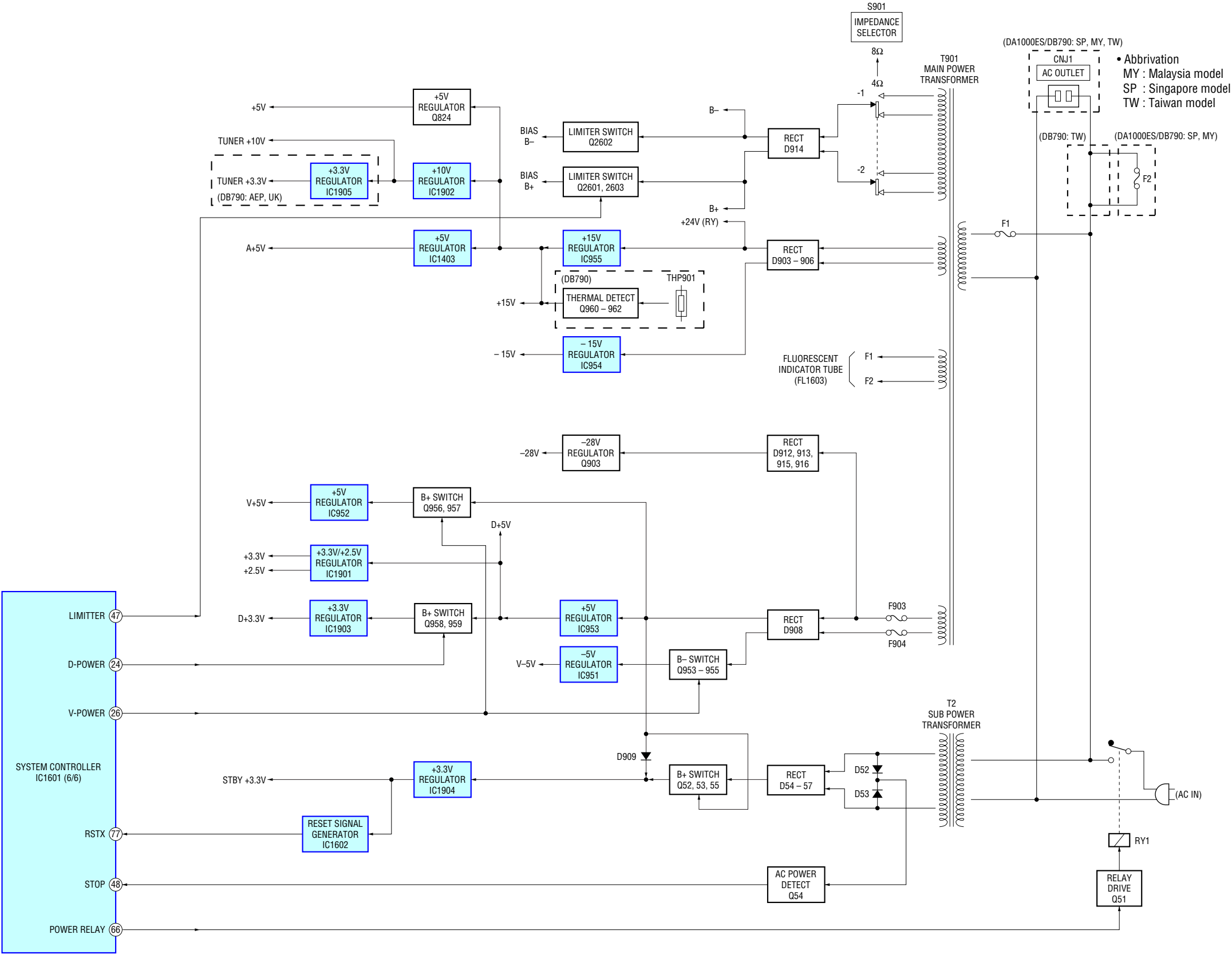
6-4. BLOCK DIAGRAM – AUDIO AMP Section –



6-5. BLOCK DIAGRAM – DISPLAY/KEY CONTROL Section –



6-6. BLOCK DIAGRAM – POWER SUPPLY Section –



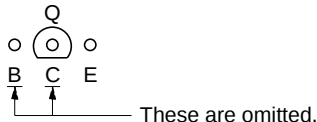
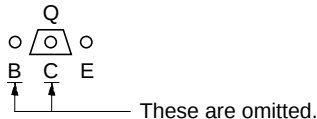
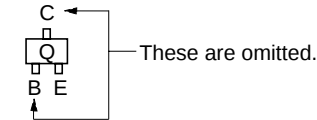
6-7. NOTE FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

Note on Printed Wiring Board:

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

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

• Indication of transistor



Note on Schematic Diagram:

- All capacitors are in μF unless otherwise noted. pF : μF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{4}W$ or less unless otherwise specified.
- : nonflammable resistor.
- : panel designation.

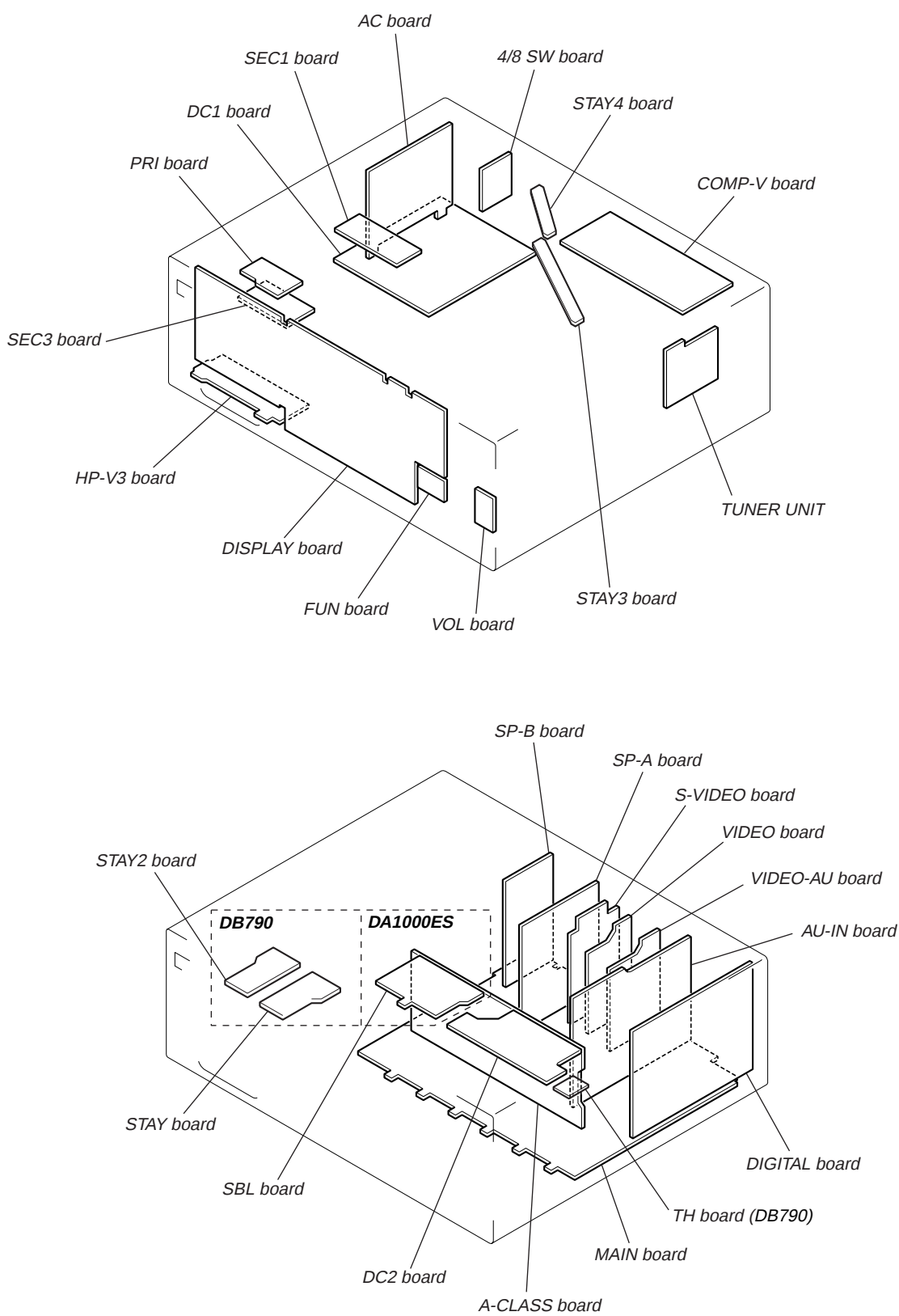
Note:
The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

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

以阴影和 Δ 标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

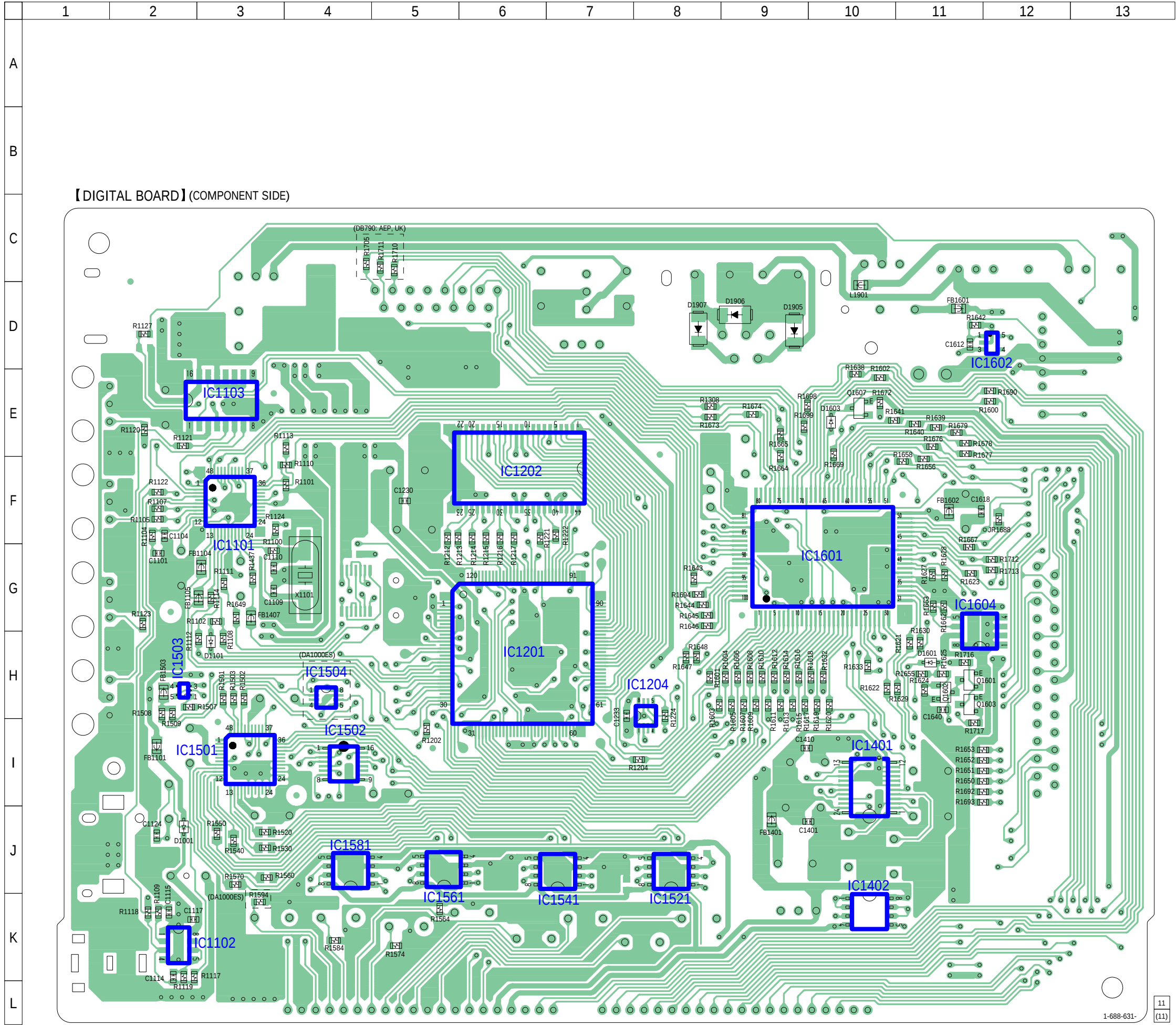
- : B+ Line.
- - - : B- Line.
- : adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
- no mark : TUNER
- () : VIDEO 1
- Voltages are taken with a VOM (Input impedance 10 $M\Omega$). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
- ⇒ : TUNER
- ⇒ : AUDIO (ANALOG)
- ⇒ : AUDIO (DIGITAL)
- ⇒ : VIDEO
- Abbreviation
- AUS : Australian model
- CH : Chinese model
- KR : Korean model
- MY : Malaysia model
- SP : Singapore model
- TW : Taiwan model

• Circuit Boards Location

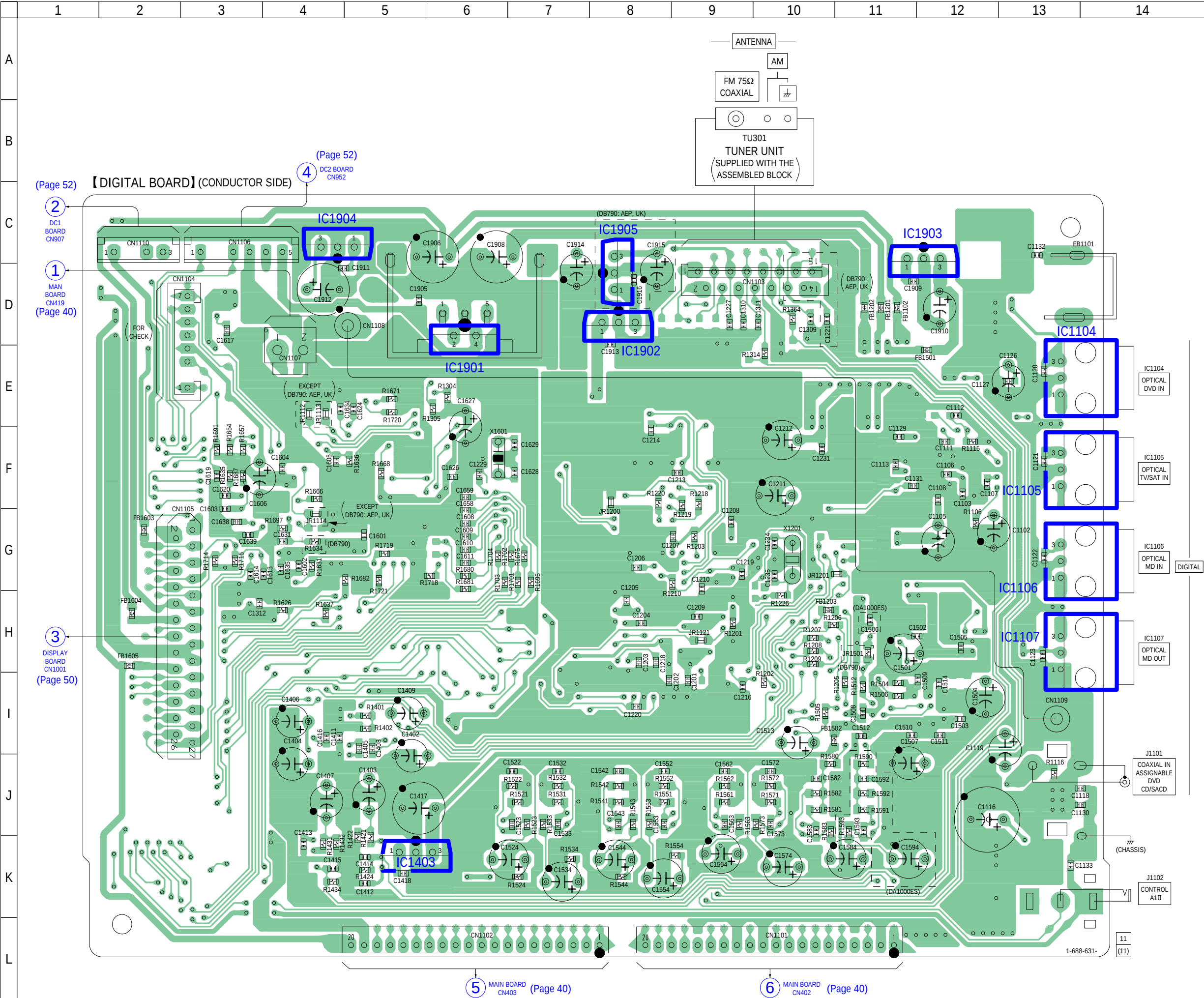


• Semiconductor Location

Ref. No.	Location
D1001	J-2
D1101	H-3
D1601	H-11
D1603	E-10
D1905	D-9
D1906	D-9
D1907	D-8
IC1101	F-3
IC1102	K-2
IC1103	E-3
IC1201	H-6
IC1202	F-6
IC1204	H-8
IC1401	I-10
IC1402	K-10
IC1501	I-3
IC1502	I-4
IC1503	H-2
IC1504	H-4
IC1521	J-8
IC1541	J-7
IC1561	J-5
IC1581	J-4
IC1601	G-10
IC1602	D-12
IC1604	G-11
Q1601	H-11
Q1602	H-11
Q1603	H-11
Q1607	E-10



6-9. PRINTED WIRING BOARD – DIGITAL Board (Conductor Side) – • See page 25 for Circuit Boards Location. :Uses unleaded solder.

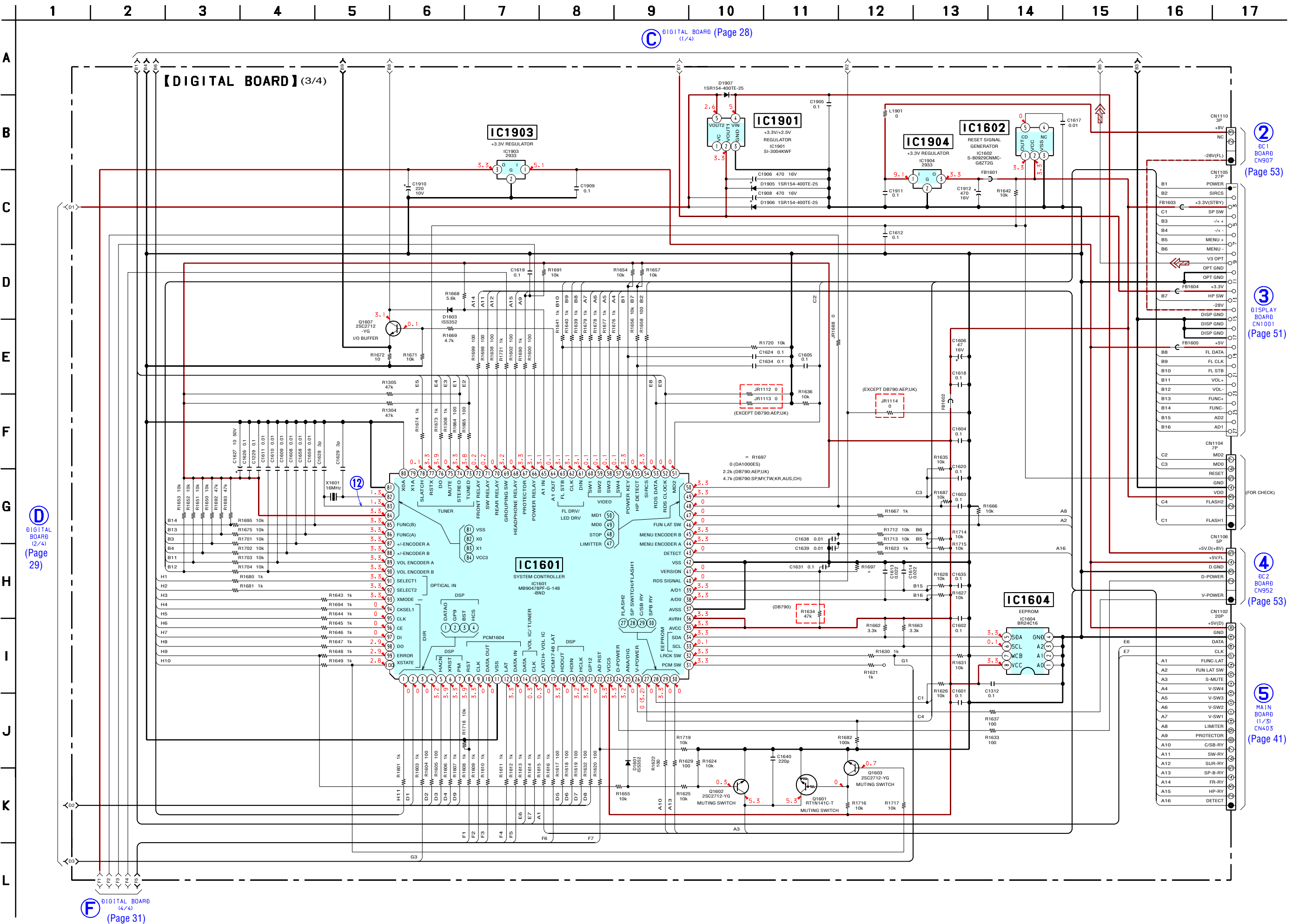


• Semiconductor Location

Ref. No.	Location
IC1104	E-13
IC1105	F-13
IC1106	G-13
IC1107	H-13
IC1403	K-5
IC1901	D-6
IC1902	D-8
IC1903	C-12
IC1904	C-4
IC1905	D-8







2
BC1
BOARD
CN907
(Page 53)

3
B15PLAY
BOARD
CN1001
(Page 51)

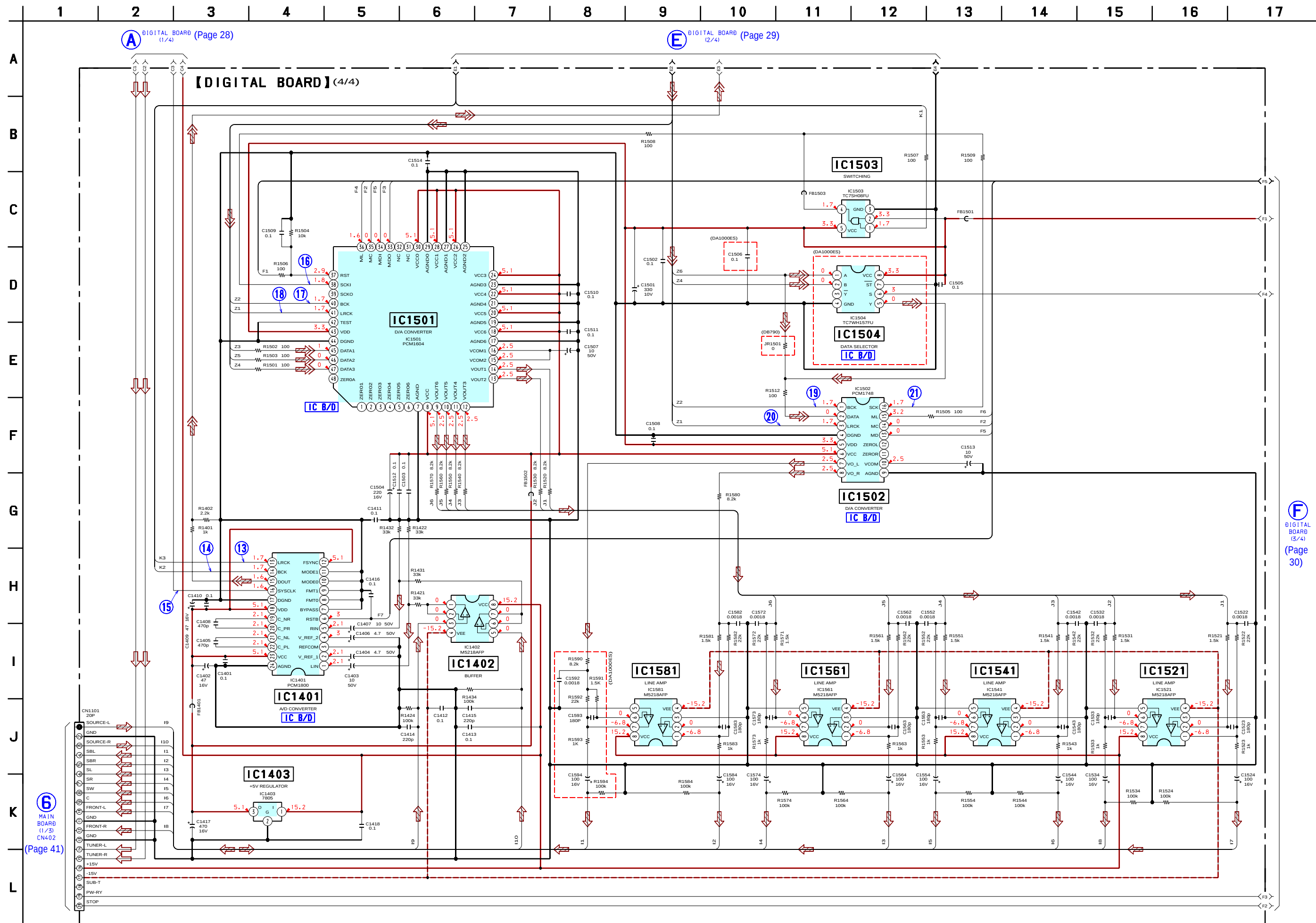
4
BC2
BOARD
CN952
(Page 53)

5
MAIN
BOARD
(1/3)
CN403
(Page 41)

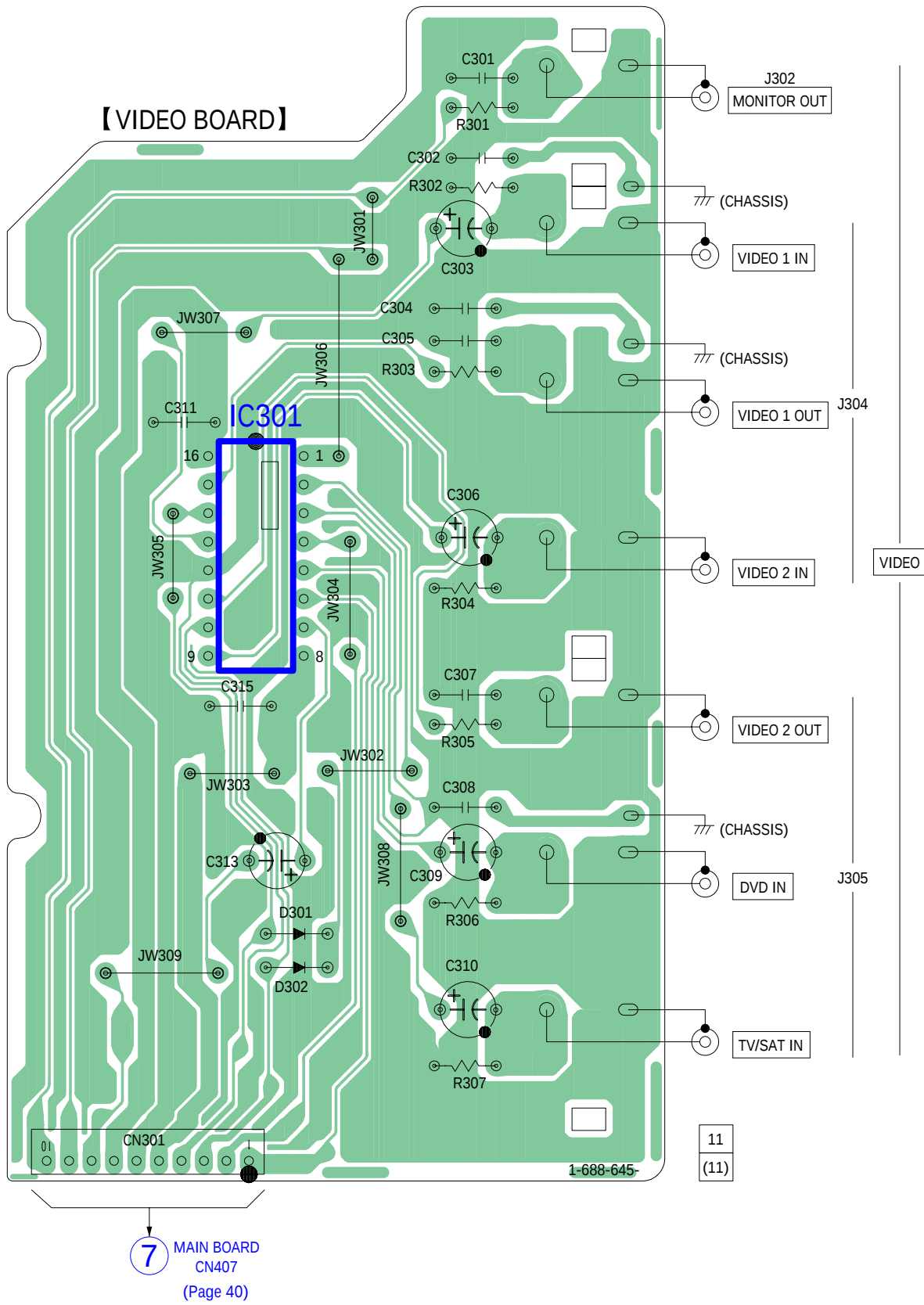
D
DIGITAL
BOARD
(2/4)
(Page 29)

F
DIGITAL
BOARD
(4/4)
(Page 31)

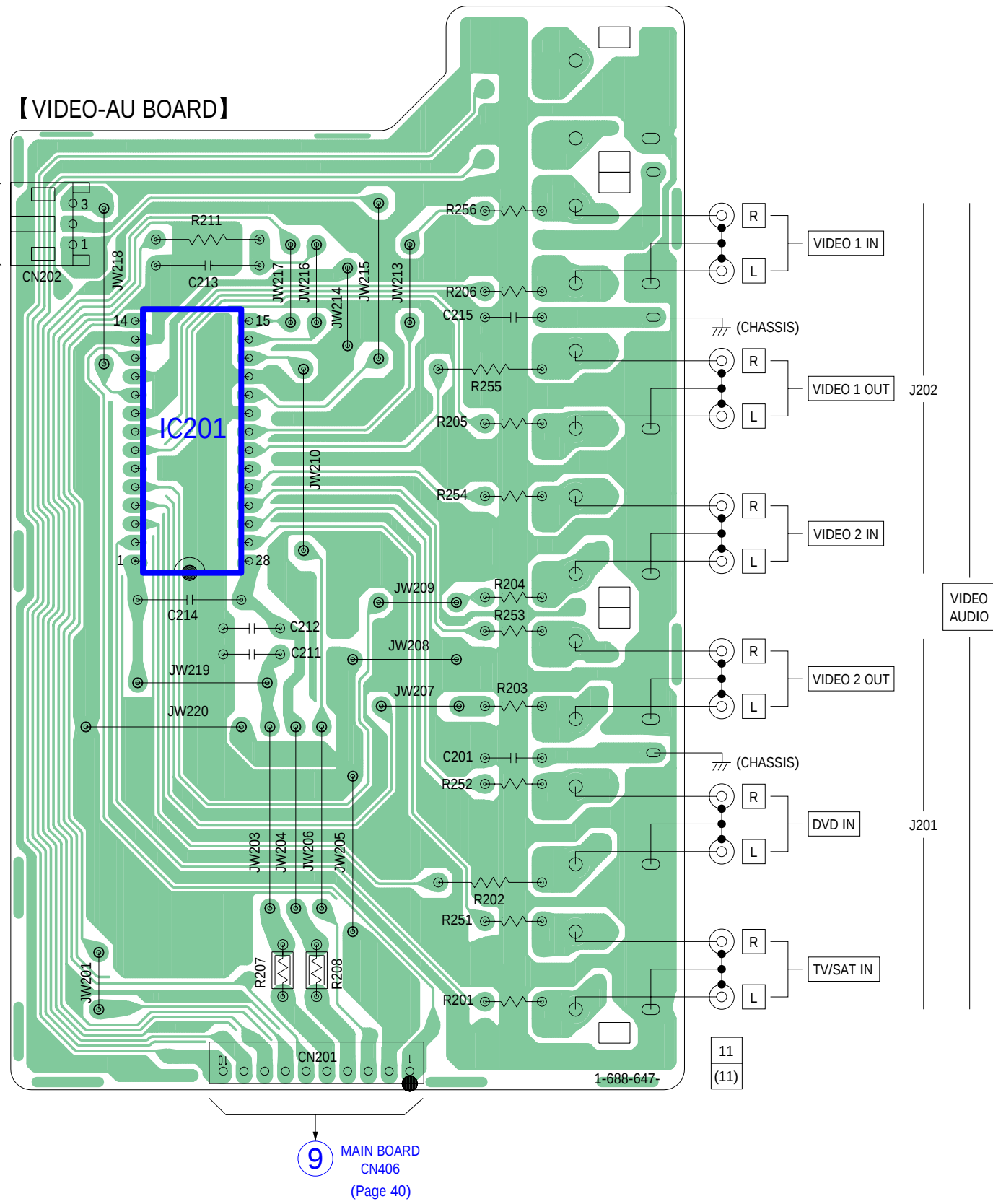
6-13. SCHEMATIC DIAGRAM – DIGITAL Board (4/4) – • See page 56 for Waveforms. • See page 57 for IC Block Diagrams.



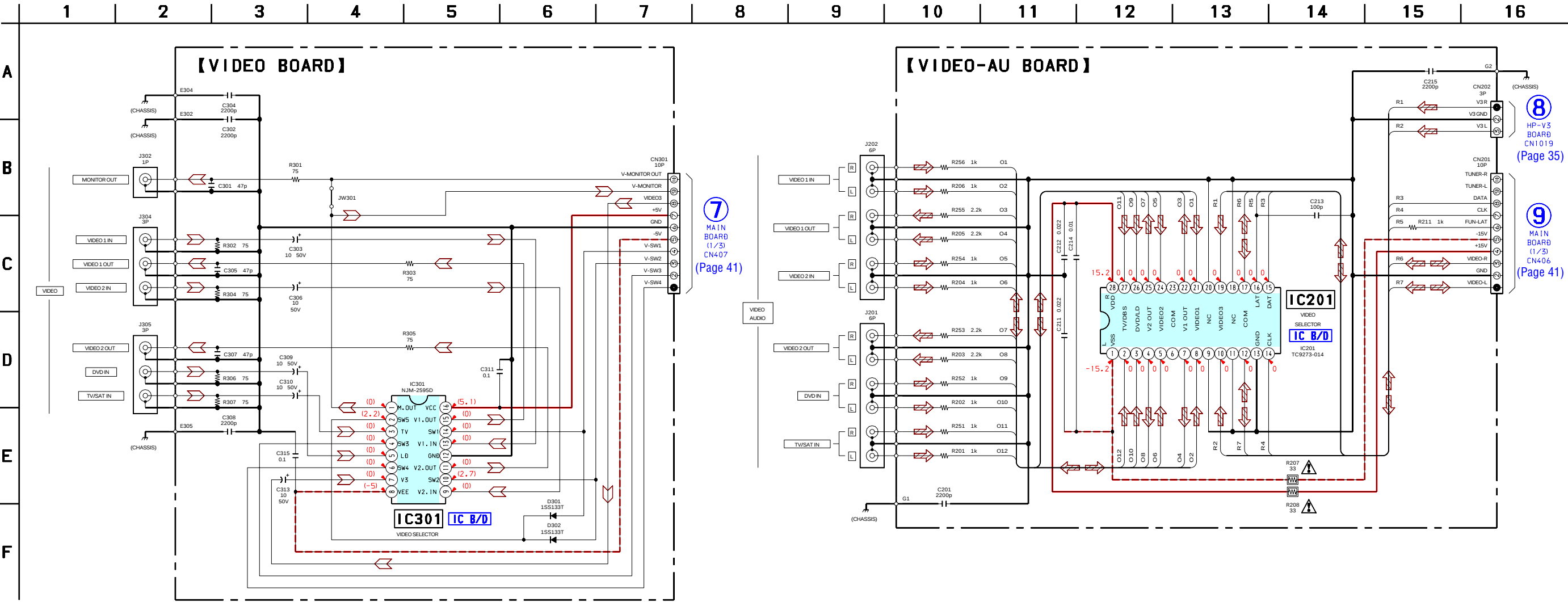
6-14. PRINTED WIRING BOARDS – VIDEO/VIDEO-AU Boards – • See page 25 for Circuit Boards Location. :Uses unleaded solder.



8
HP-V3
BOARD
CN1091
(Page 34)



6-15. SCHEMATIC DIAGRAM – VIDEO/VIDEO-AU Boards – • See page 57 for IC Block Diagrams.

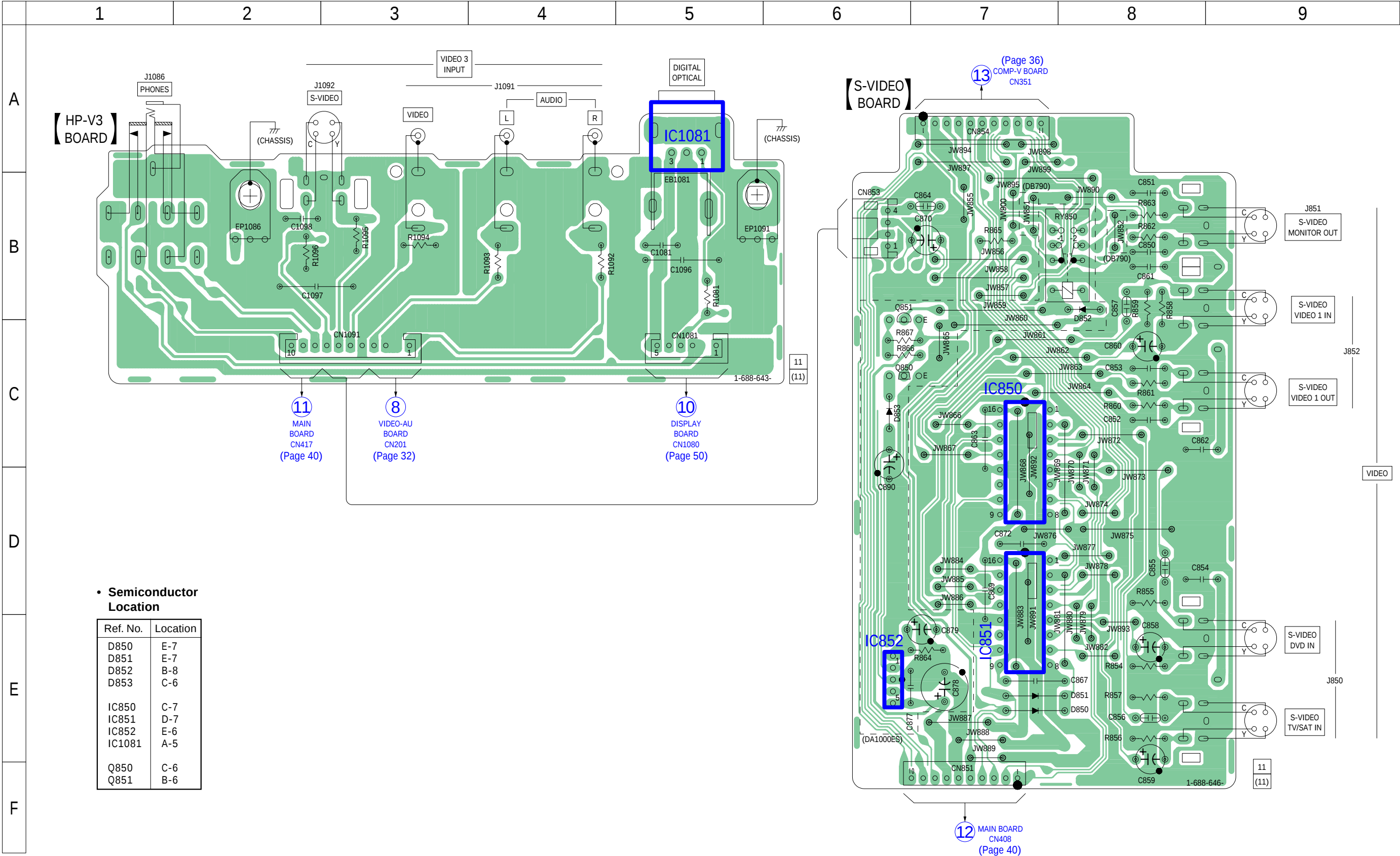


The components identified by mark $\triangle$ or dotted line with mark $\triangle$ are critical for safety. Replace only with part number specified.

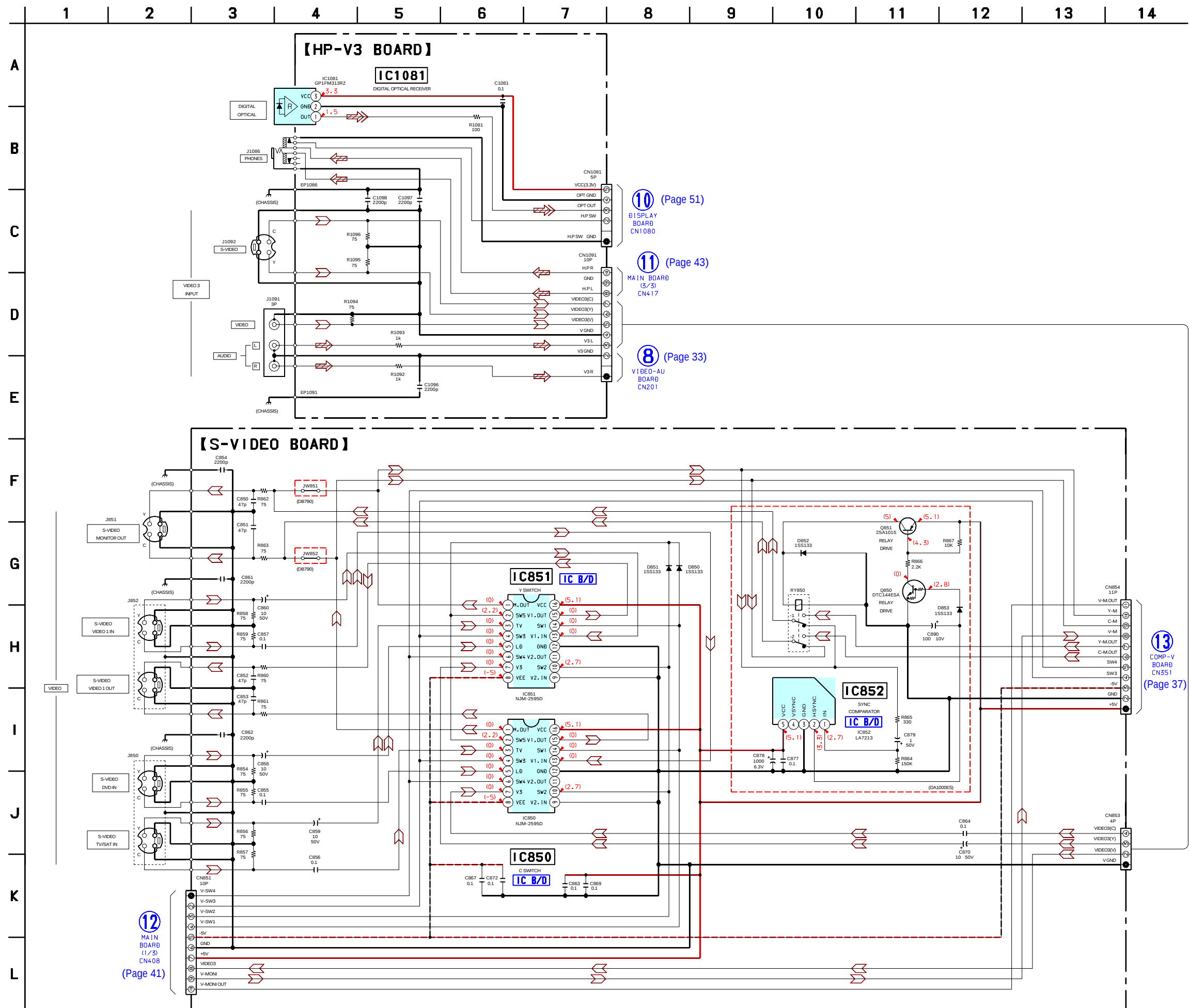
Les composants identifiés par une marque $\triangle$ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

以阴影和 $\triangle$ 标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

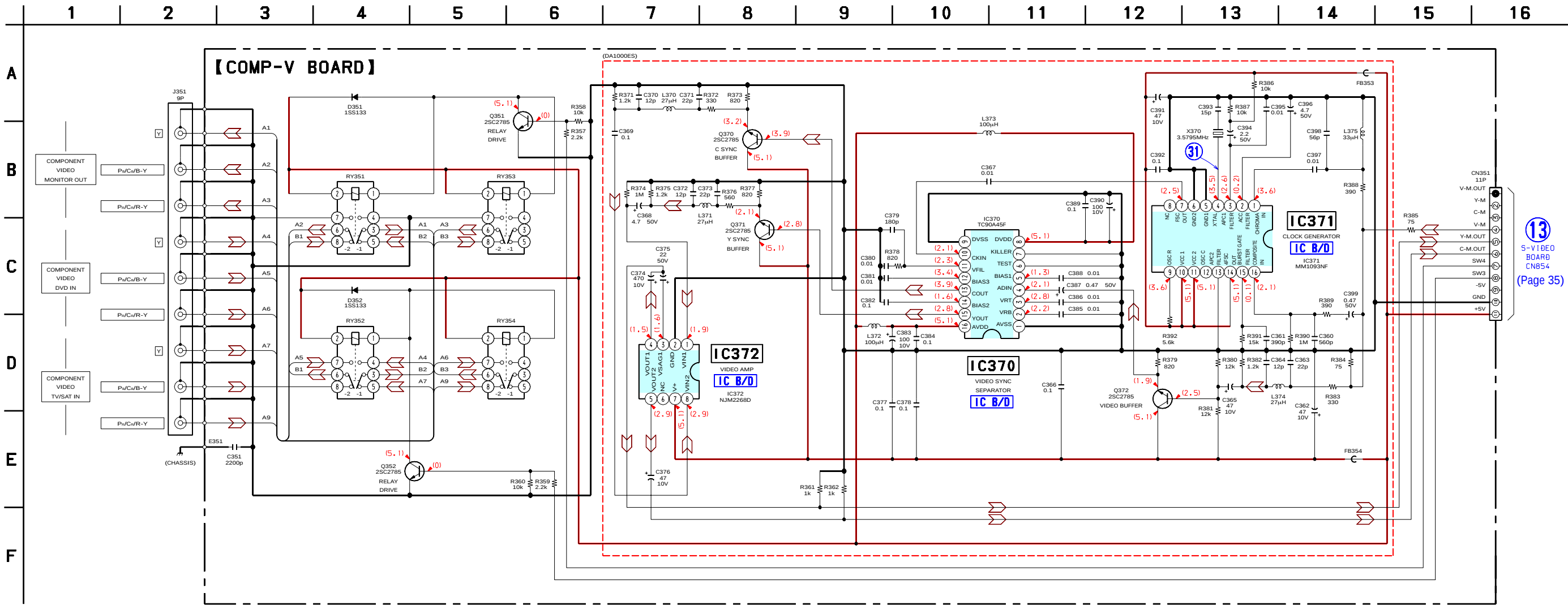
6-16. PRINTED WIRING BOARDS – HP-V3/S-VIDEO Boards – • See page 25 for Circuit Boards Location. :Uses unleaded solder.



6-17. SCHEMATIC DIAGRAM – HP-V3/S-VIDEO Boards – • See page 57 for IC Block Diagrams.



6-19. SCHEMATIC DIAGRAM – COMP-V Board – • See page 56 for Waveform. • See page 57 for IC Block Diagrams.

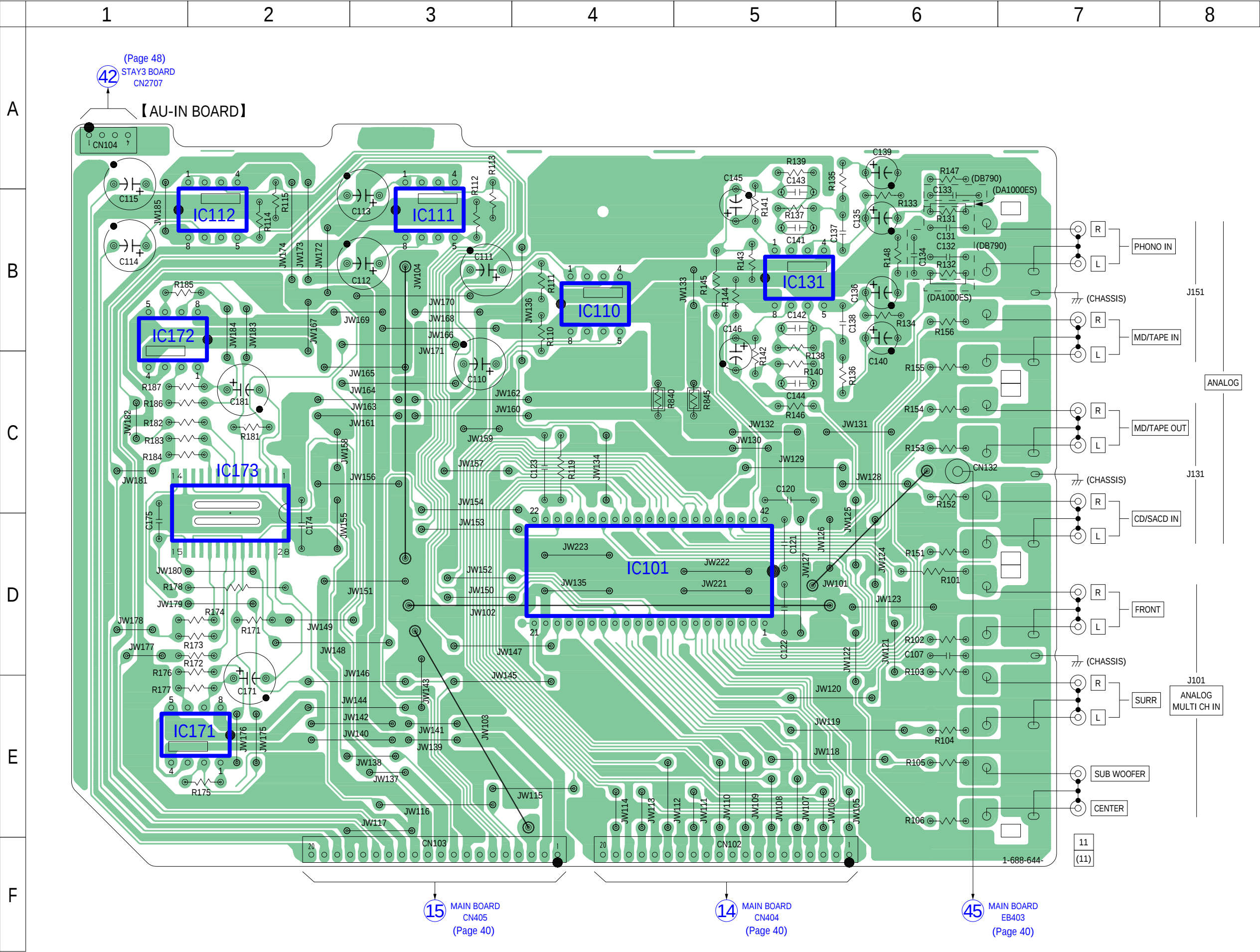


13
S-VIDEO
BOARD
CN854
(Page 35)

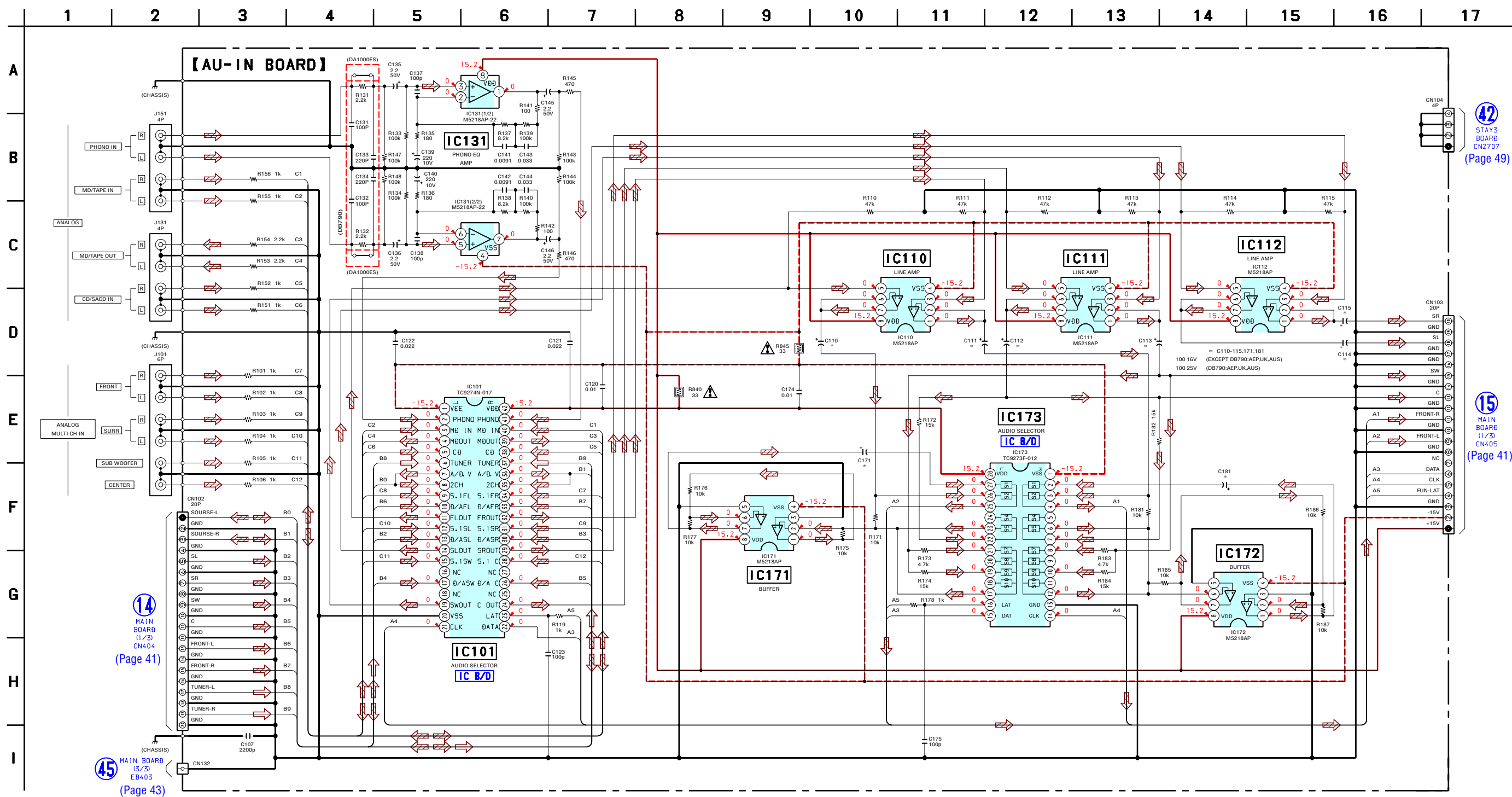
6-20. PRINTED WIRING BOARD – AU-IN Board – • See page 25 for Circuit Boards Location. :Uses unleaded solder.

• Semiconductor Location

Ref. No.	Location
IC101	D-4
IC110	B-4
IC111	B-3
IC112	B-2
IC131	B-5
IC171	E-2
IC172	B-1
IC173	C-2



6-21. SCHEMATIC DIAGRAM – AU-IN Board – • See page 57 for IC Block Diagrams.

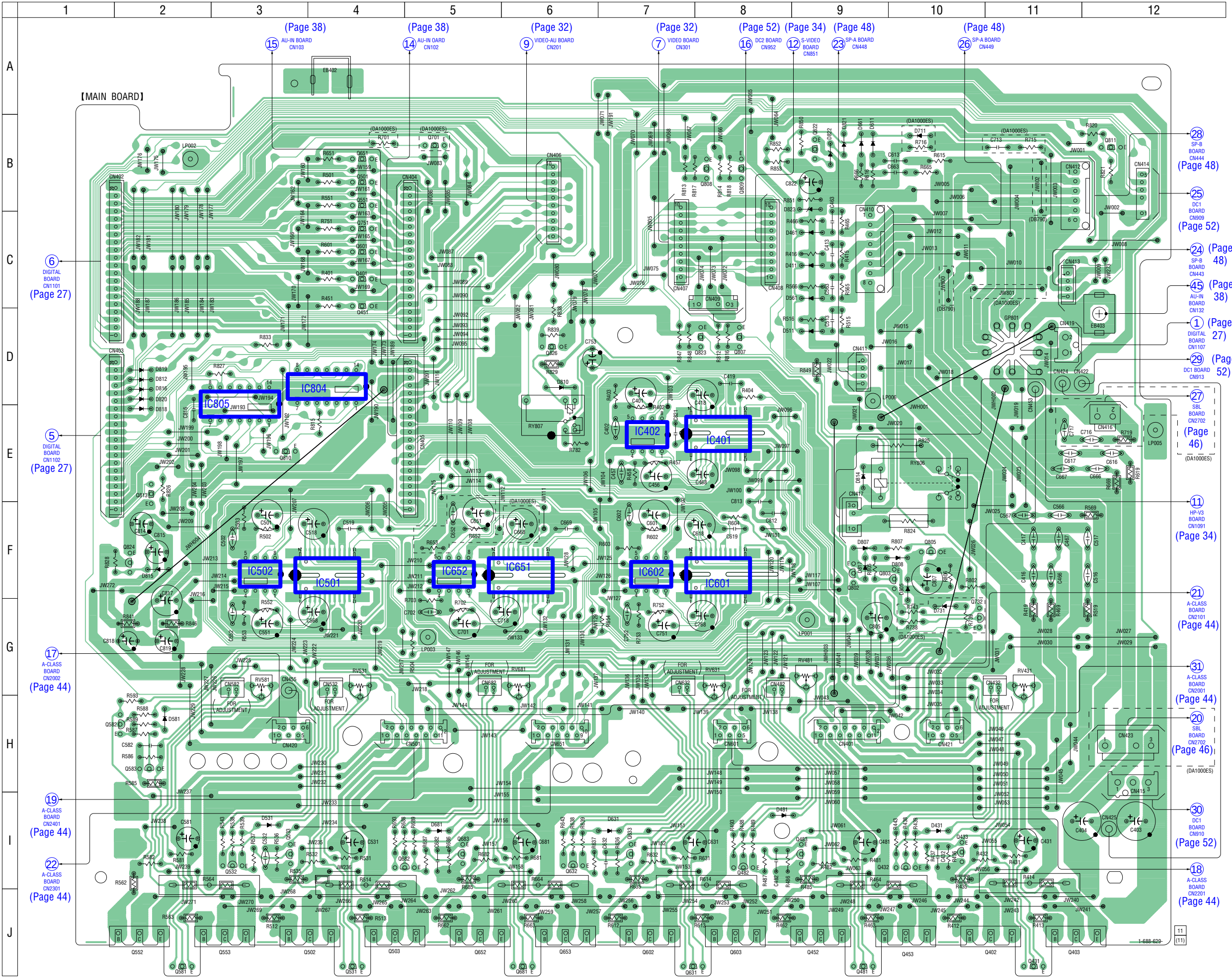


The components identified by mark $\triangle$ or dotted line with mark $\triangle$ are critical for safety. Replace only with part number specified.

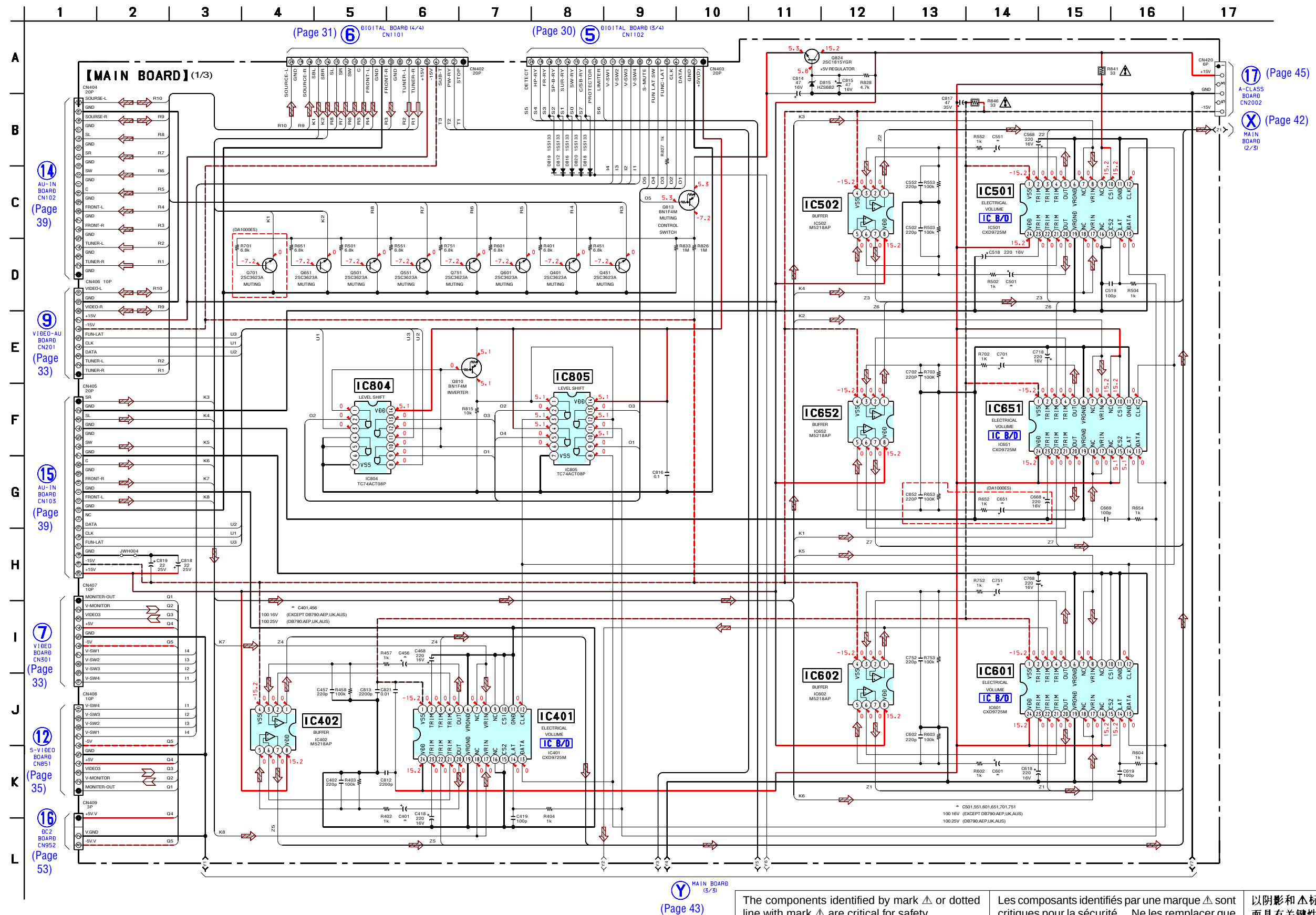
Les composants identifiés par une marque $\triangle$ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

以阴影和 $\triangle$ 标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

6-22. PRINTED WIRING BOARD – MAIN Board – • See page 25 for Circuit Boards Location. :Uses unleaded solder.



6-23. SCHEMATIC DIAGRAM – MAIN Board (1/3) – • See page 57 for IC Block Diagram.



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

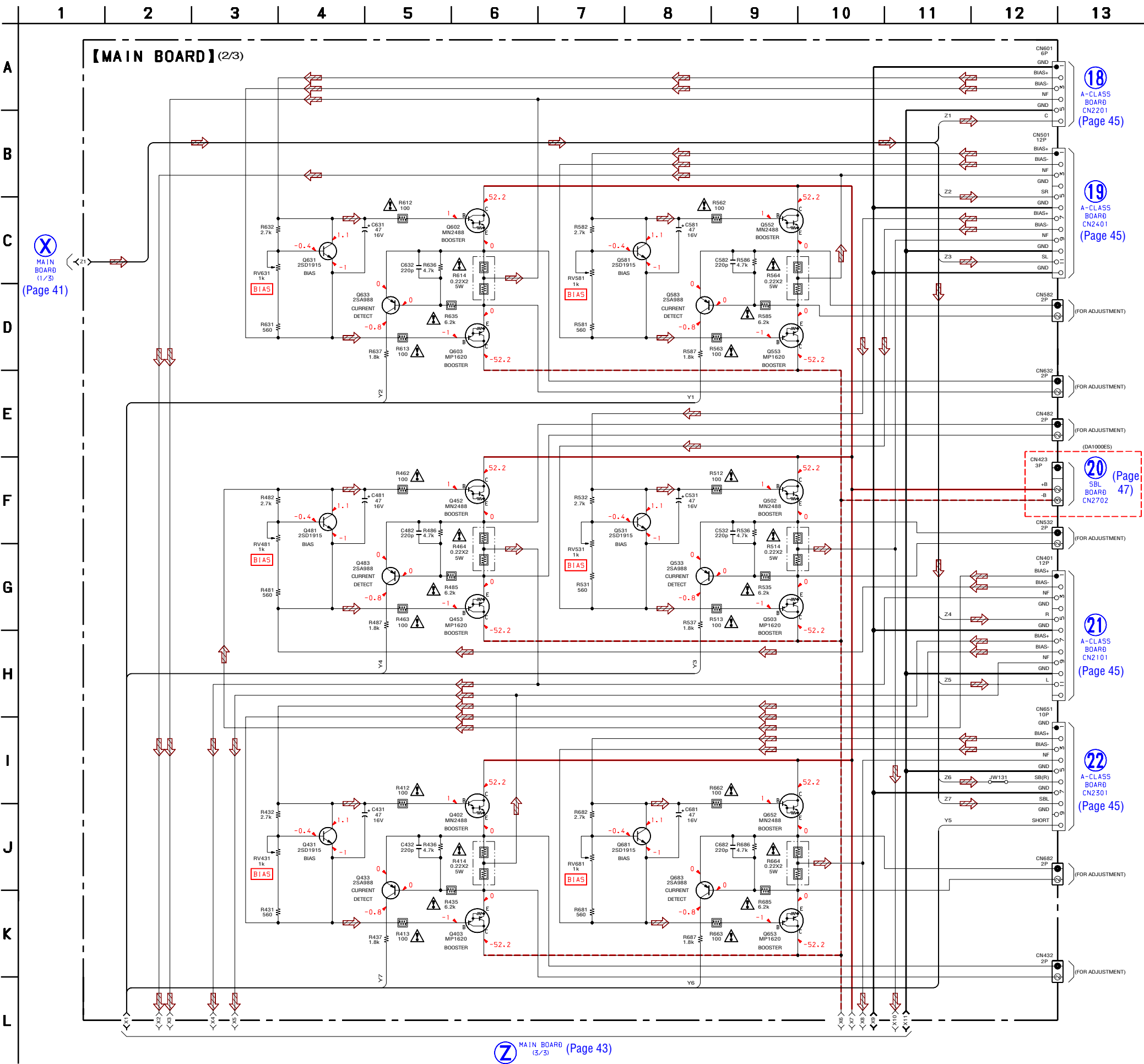
Les composants identifiés par une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

以阴影和△标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

- **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D411	C-9	D611	B-9	D808	F-10	D819	D-2	IC501	F-4			Q452	J-9	Q531	J-4	Q583	H-2	Q652	J-5	Q802	F-9	Q813	E-2
D431	I-10	D631	I-7	D810	D-6	D820	D-2	IC502	F-3	Q401	C-4	Q453	J-10	Q532	I-3	Q601	C-4	Q653	J-6	Q803	F-10	Q822	B-9
D461	C-9	D661	B-9	D812	D-2	D821	B-9	IC601	F-8	Q402	J-11	Q481	J-9	Q533	I-3	Q602	J-7	Q681	J-6	Q805	F-10	Q823	D-8
D481	I-8	D681	I-5	D814	E-9	D822	B-9	IC602	E-7	Q403	J-11	Q482	I-8	Q551	B-4	Q603	J-8	Q682	I-5	Q807	D-8	Q824	F-2
D511	C-9	D711	B-10	D815	F-2	D823	B-9	IC651	F-6	Q431	J-11	Q483	I-9	Q552	J-2	Q631	J-7	Q683	I-5	Q808	B-8	Q826	D-6
D531	I-3	D731	G-10	D816	D-2			IC652	F-5	Q432	I-10	Q501	B-4	Q553	J-3	Q632	I-6	Q701	B-5	Q809	B-8		
D561	C-9	D805	F-10	D817	F-9	IC401	E-8	IC804	D-4	Q433	I-10	Q502	J-4	Q581	J-2	Q633	I-7	Q732	G-10	Q810	E-3		
D581	H-2	D807	F-9	D818	E-2	IC402	E-7	IC805	D-3	Q451	C-4	Q503	J-4	Q582	H-2	Q651	B-4	Q751	C-4	Q811	B-11		

6-24. SCHEMATIC DIAGRAM – MAIN Board (2/3) –

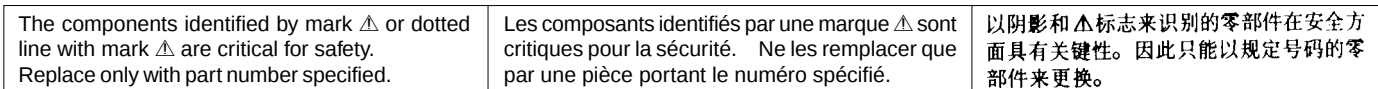


MAIN BOARD (3/3) (Page 43)

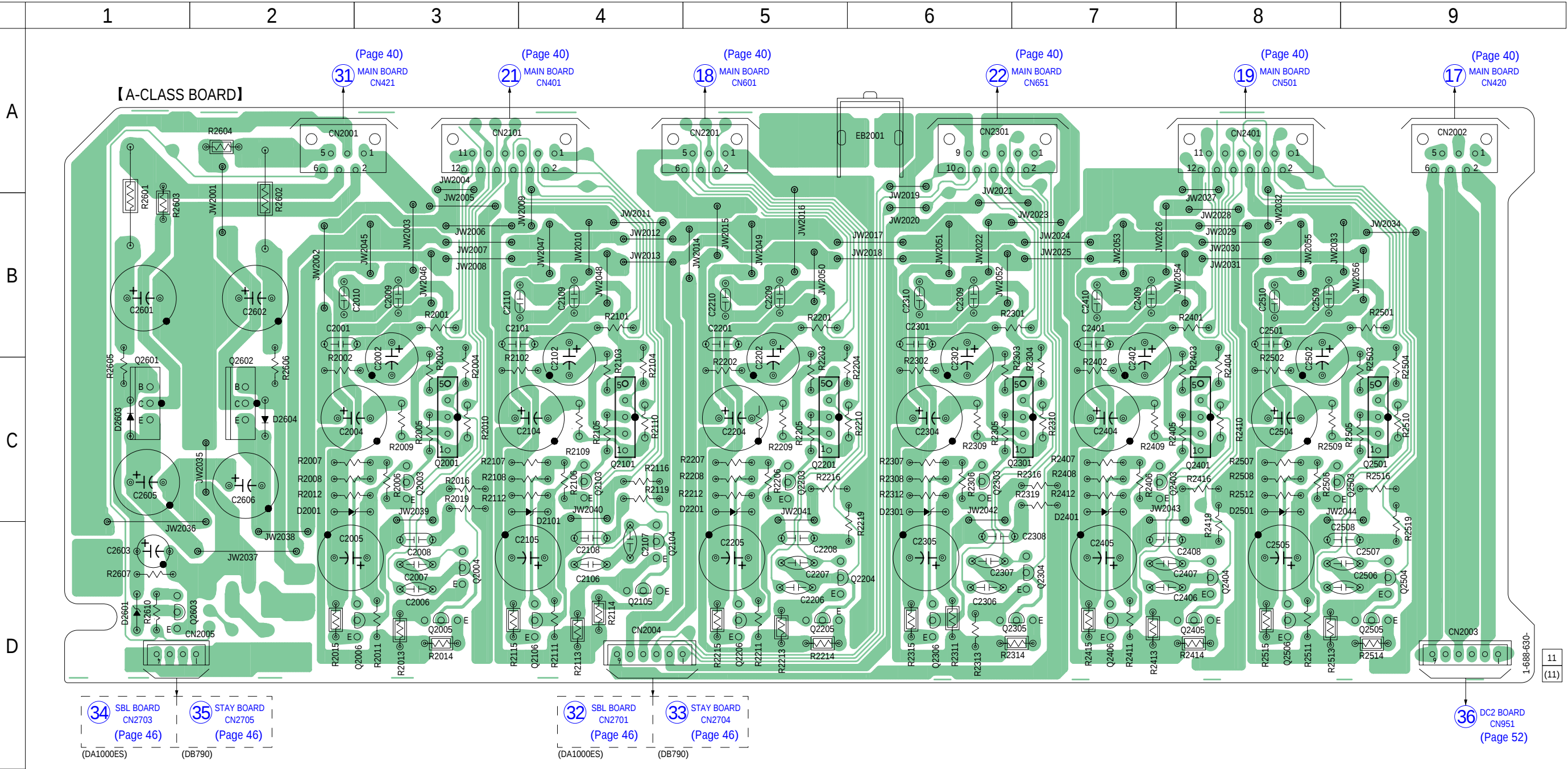
The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

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

以阴影和 Δ 标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。



6-26. PRINTED WIRING BOARD – A-CLASS Board – • See page 25 for Circuit Boards Location.  :Uses unleaded solder.



• Semiconductor Location

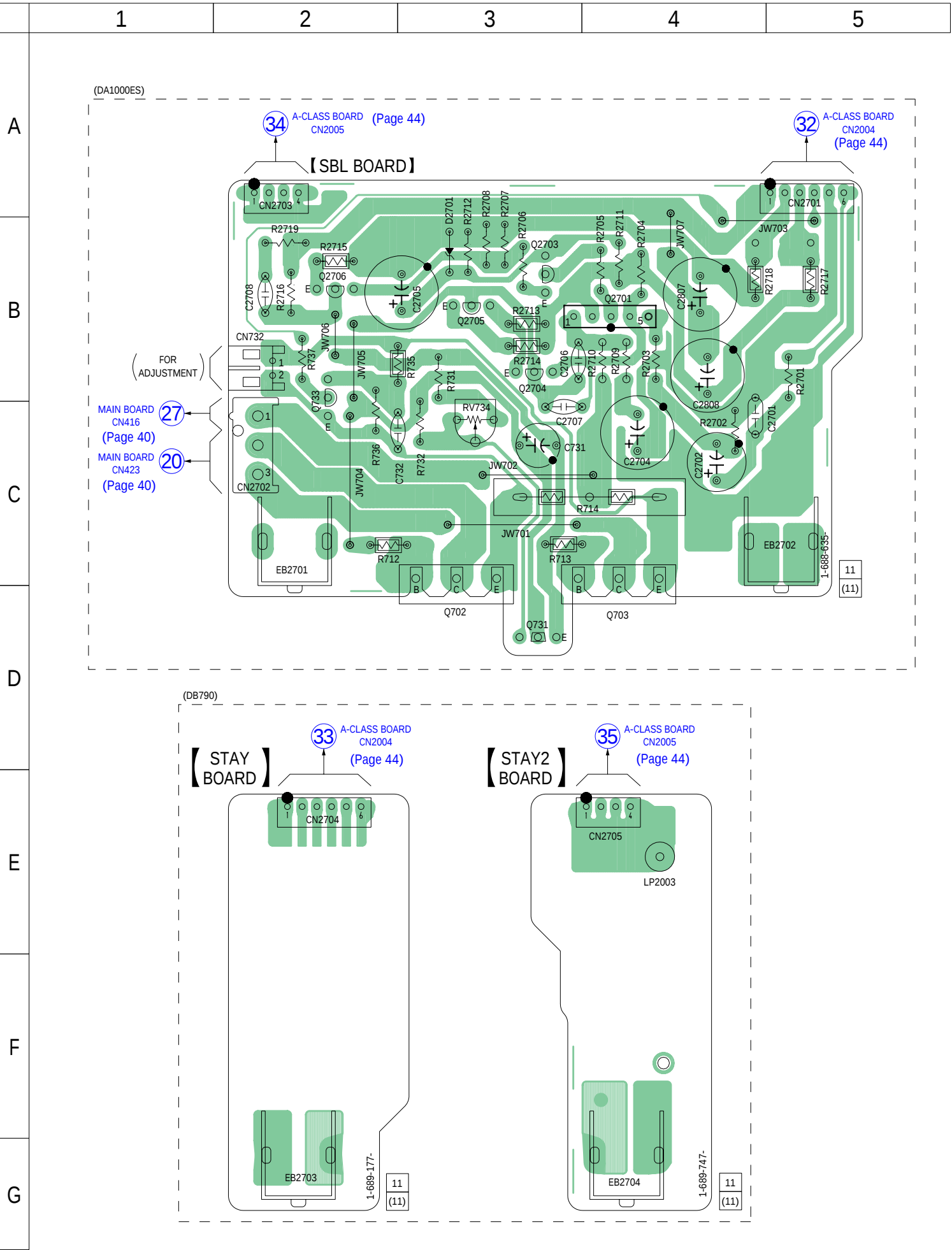
Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D2001	C-2	Q2001	C-3	Q2203	C-5	Q2404	D-8
D2101	C-4	Q2003	C-3	Q2204	D-5	Q2405	D-8
D2201	C-5	Q2004	D-3	Q2205	D-5	Q2406	D-7
D2301	C-6	Q2005	D-3	Q2206	D-5	Q2501	C-9
D2401	C-7	Q2006	D-3	Q2301	C-7	Q2503	C-8
D2501	C-8	Q2101	C-4	Q2303	C-6	Q2504	D-9
D2601	D-1	Q2103	C-4	Q2304	D-7	Q2505	D-9
D2603	C-1	Q2104	D-4	Q2305	D-7	Q2506	D-8
D2604	C-2	Q2105	D-4	Q2306	D-6	Q2601	C-1
		Q2106	D-4	Q2401	C-8	Q2602	C-2
		Q2201	C-5	Q2403	C-7	Q2603	D-1

6-28. PRINTED WIRING BOARDS – SBL/STAY/STAY2 Boards – • See page 25 for Circuit Boards Location.

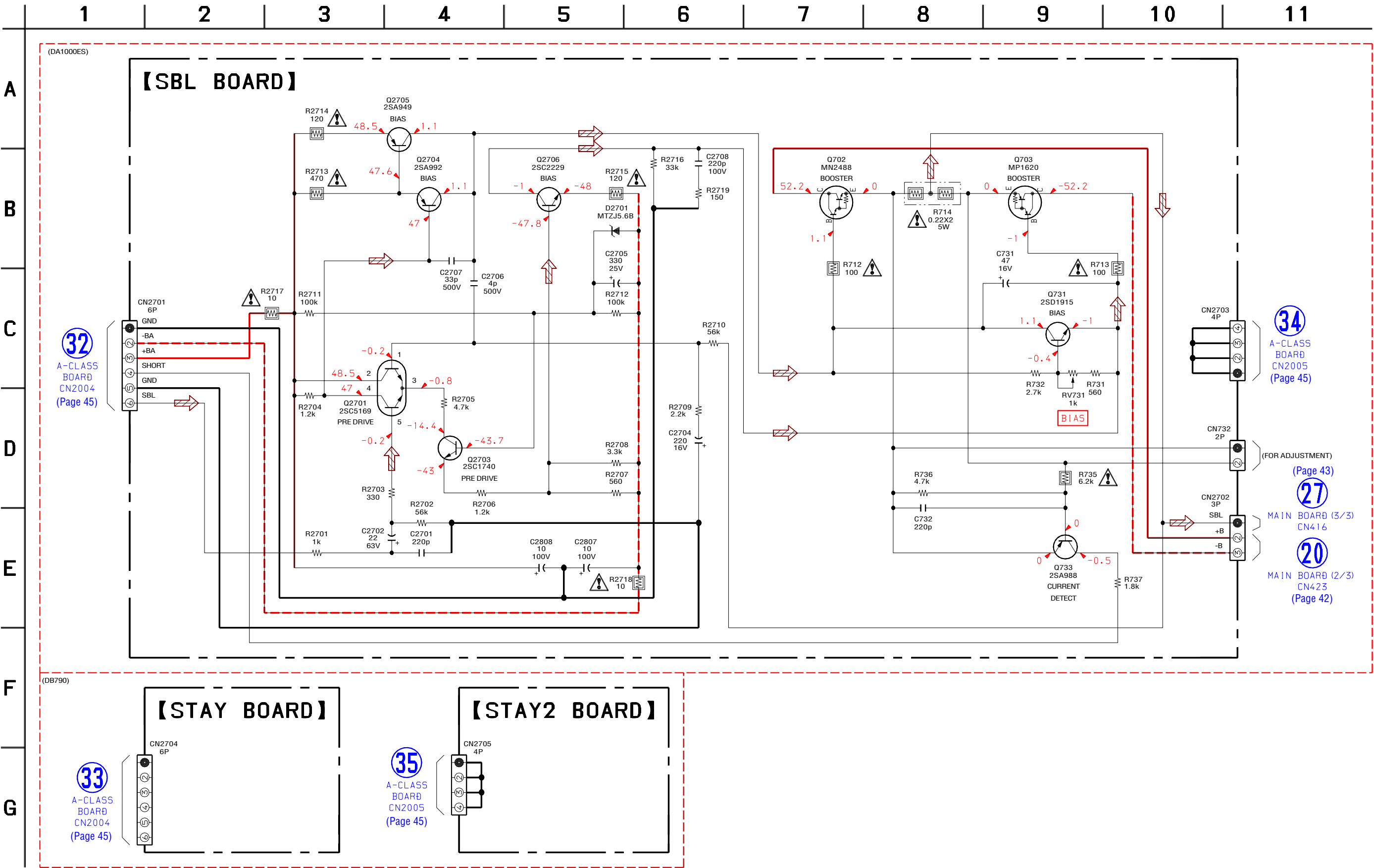
 :Uses unleaded solder.

• Semiconductor Location

Ref. No.	Location
D2701	B-3
Q702	D-3
Q703	D-4
Q731	D-3
Q733	B-2
Q2701	B-4
Q2703	B-3
Q2704	B-3
Q2705	B-3
Q2706	B-2



6-29. SCHEMATIC DIAGRAM – SBL/STAY/STAY2 Boards –

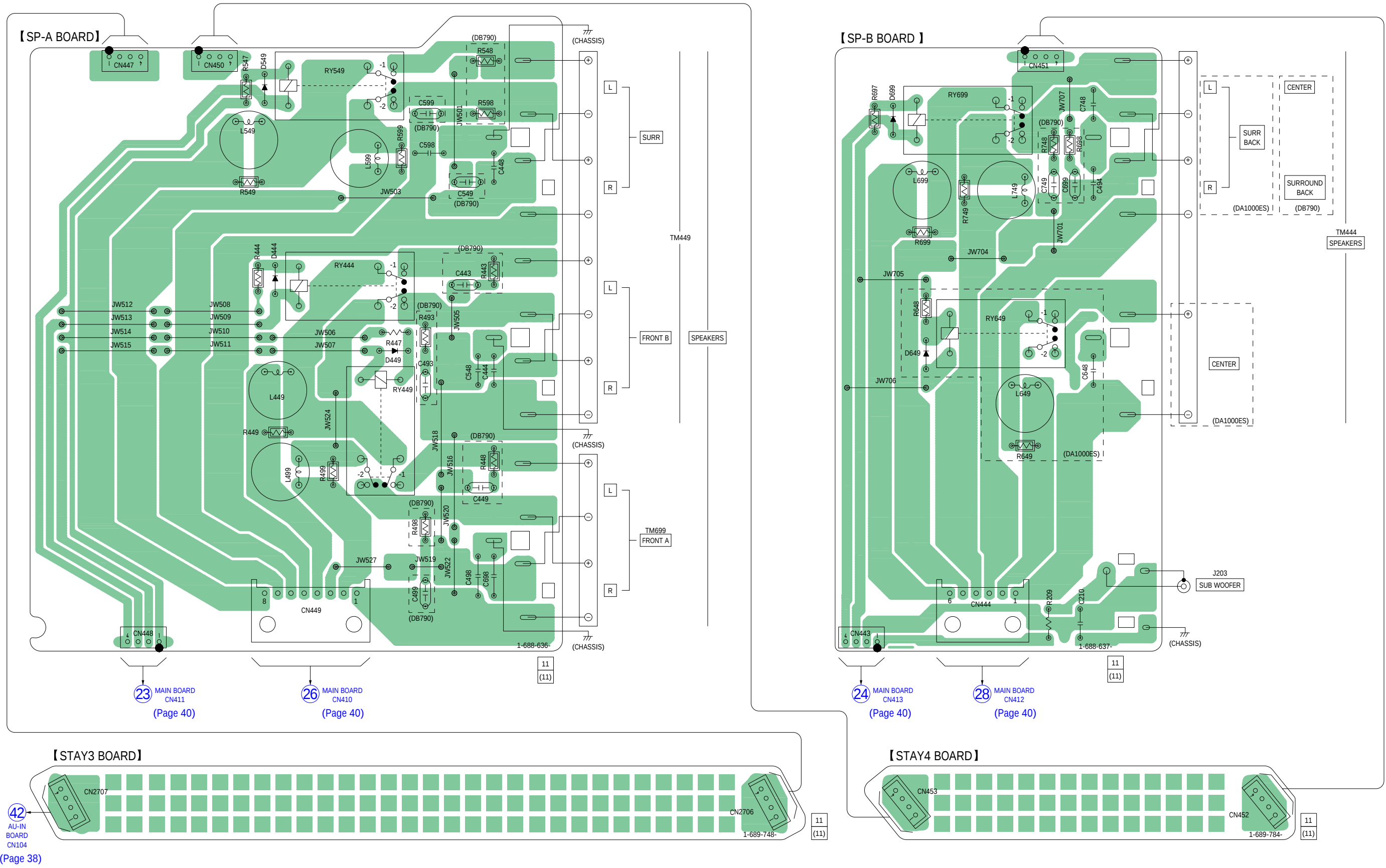


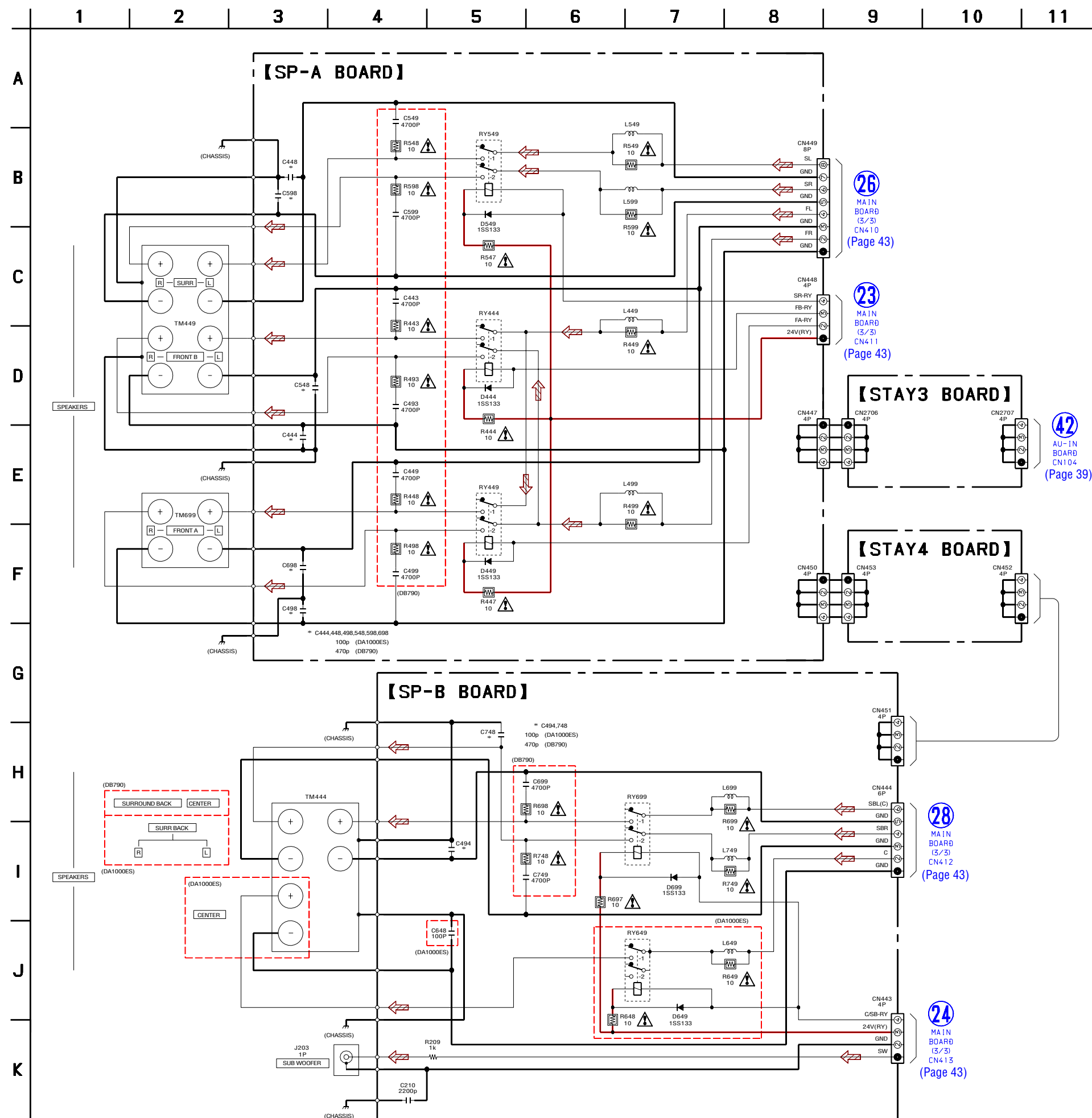
The components identified by mark $\triangle$ or dotted line with mark $\triangle$ are critical for safety. Replace only with part number specified.

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

以阴影和 $\triangle$ 标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

6-30. PRINTED WIRING BOARDS – SP-A/SP-B/STAY3/STAY4 Boards – • See page 25 for Circuit Boards Location. :Uses unleaded solder.



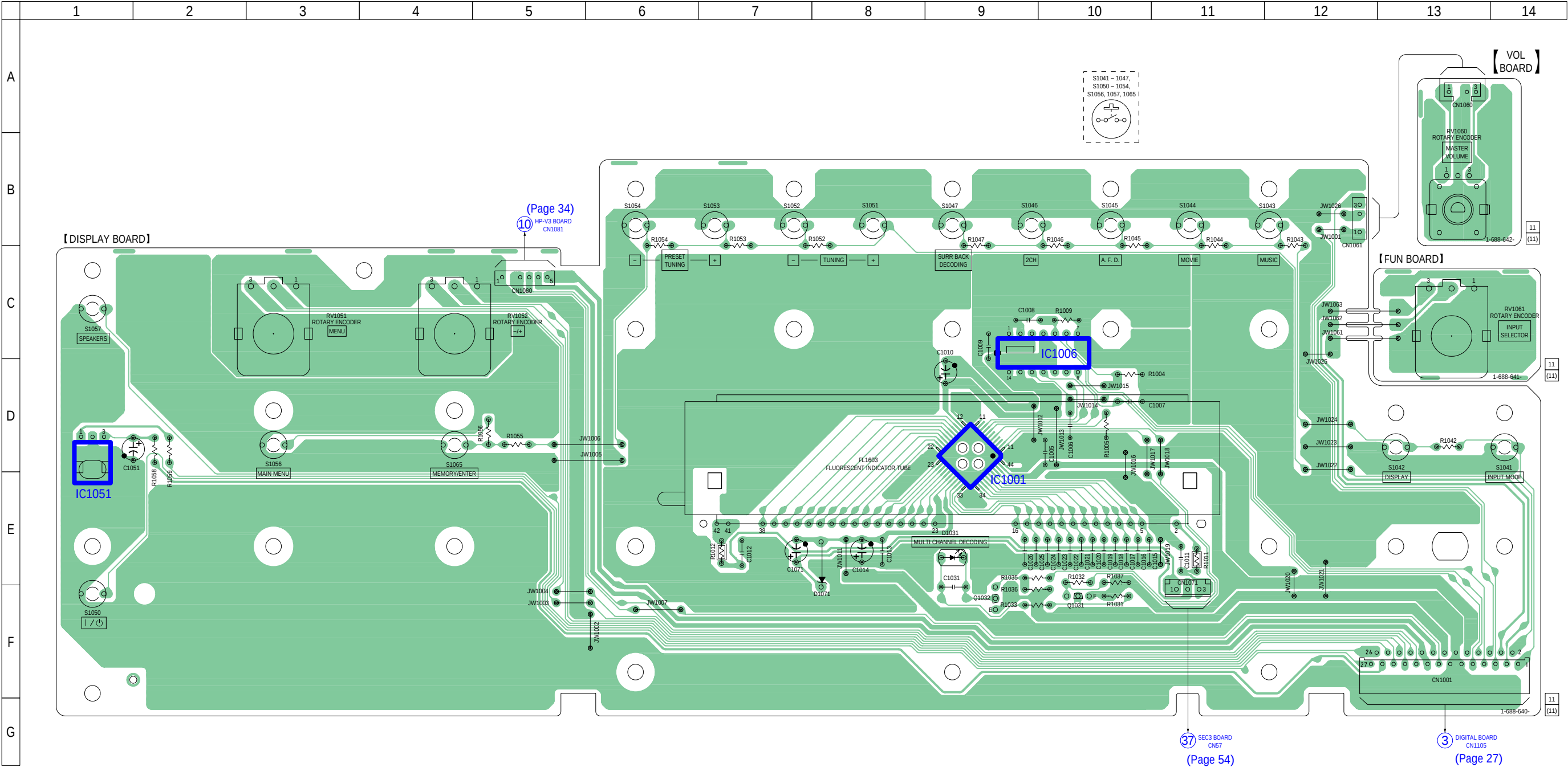


The components identified by mark $\triangle$ or dotted line with mark $\triangle$ are critical for safety. Replace only with part number specified.

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

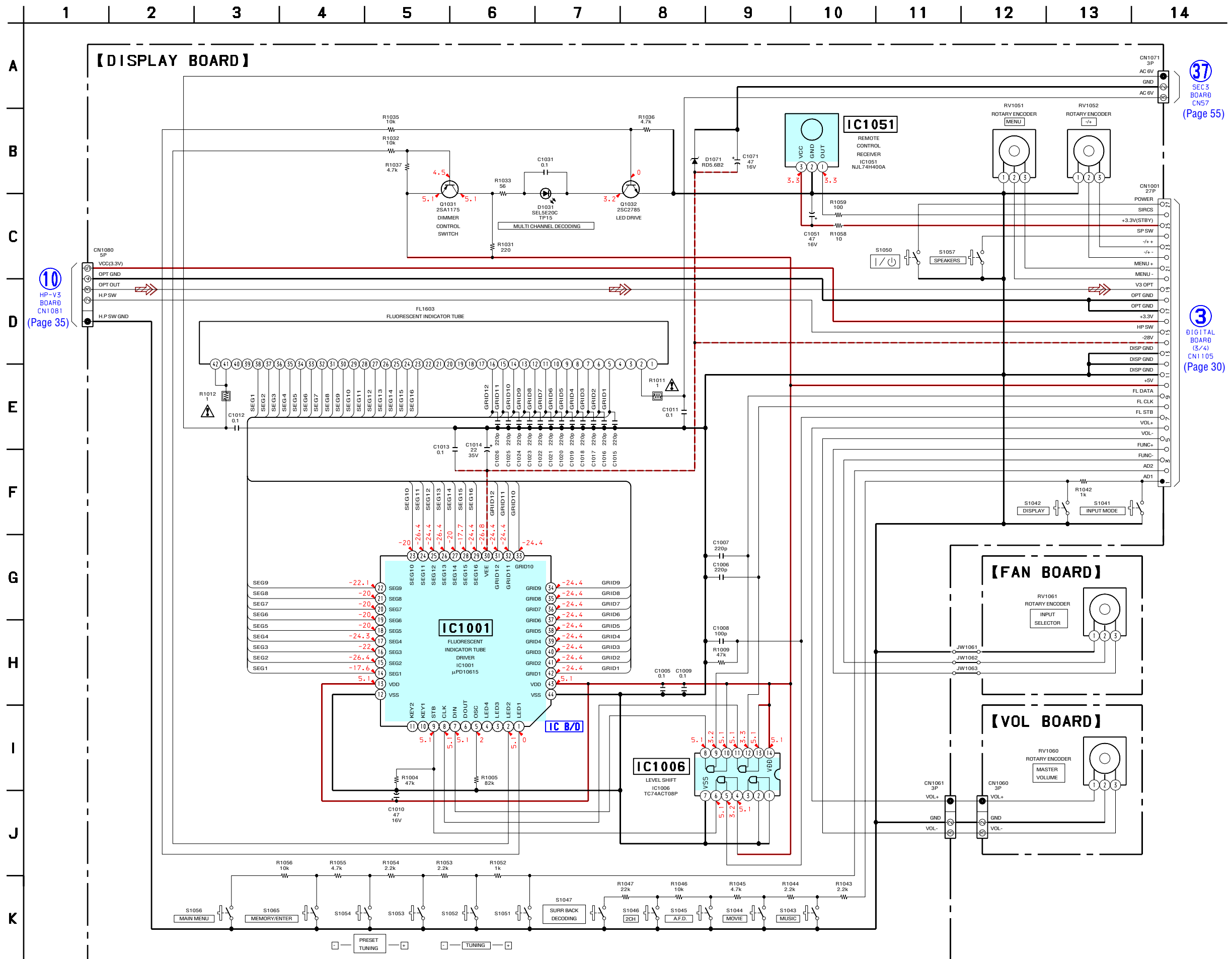
以阴影和 $\triangle$ 标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

6-32. PRINTED WIRING BOARDS – DISPLAY/FUN/VOL Boards – • See page 25 for Circuit Boards Location..  :Uses unleaded solder.



• Semiconductor Location

Ref. No.	Location
D1031	E-9
D1071	E-8
IC1001	D-9
IC1006	C-10
IC1051	D-1
Q1031	F-10
Q1032	F-9



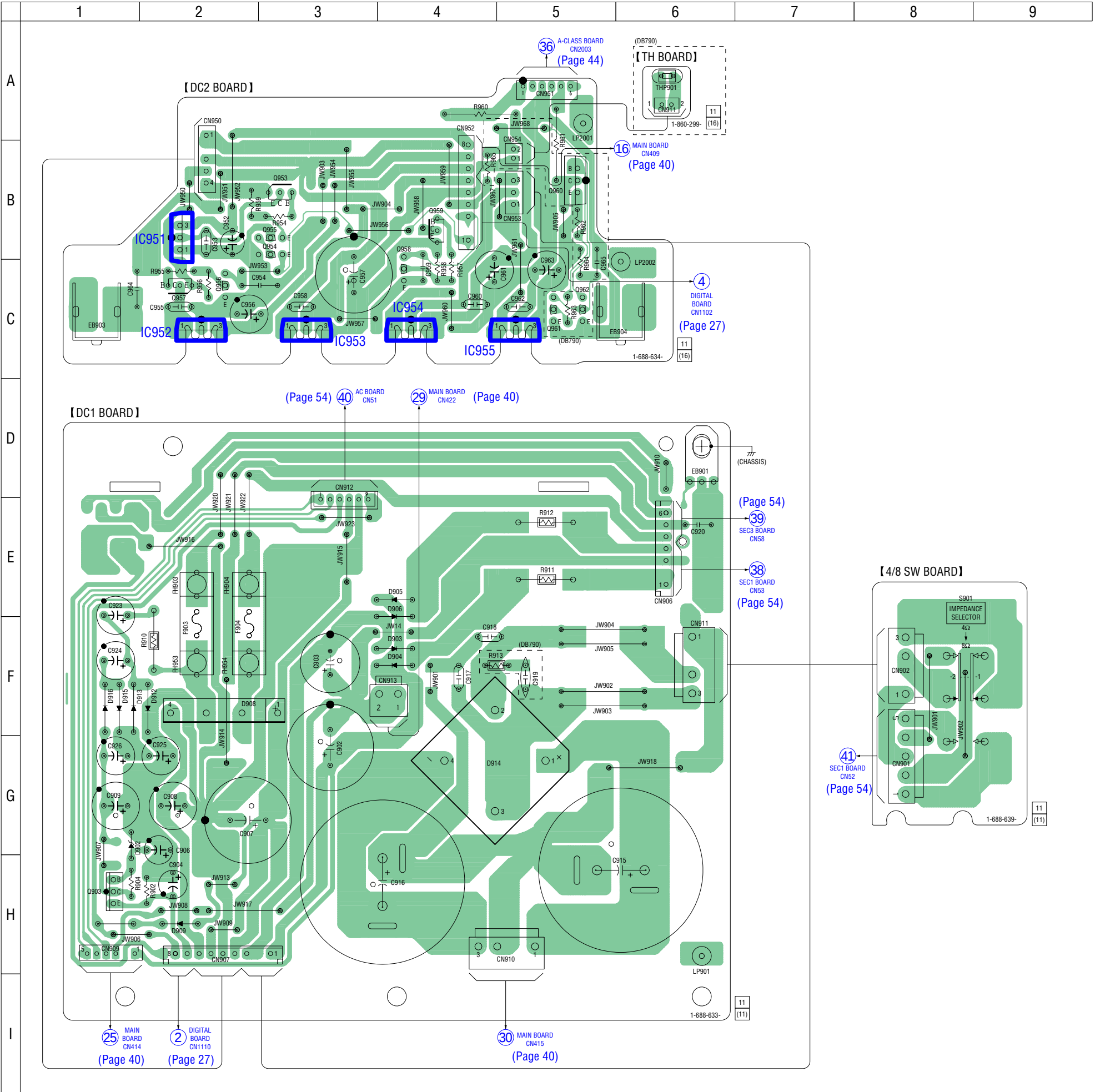
The components identified by mark $\triangle$ or dotted line with mark $\triangle$ are critical for safety. Replace only with part number specified.

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

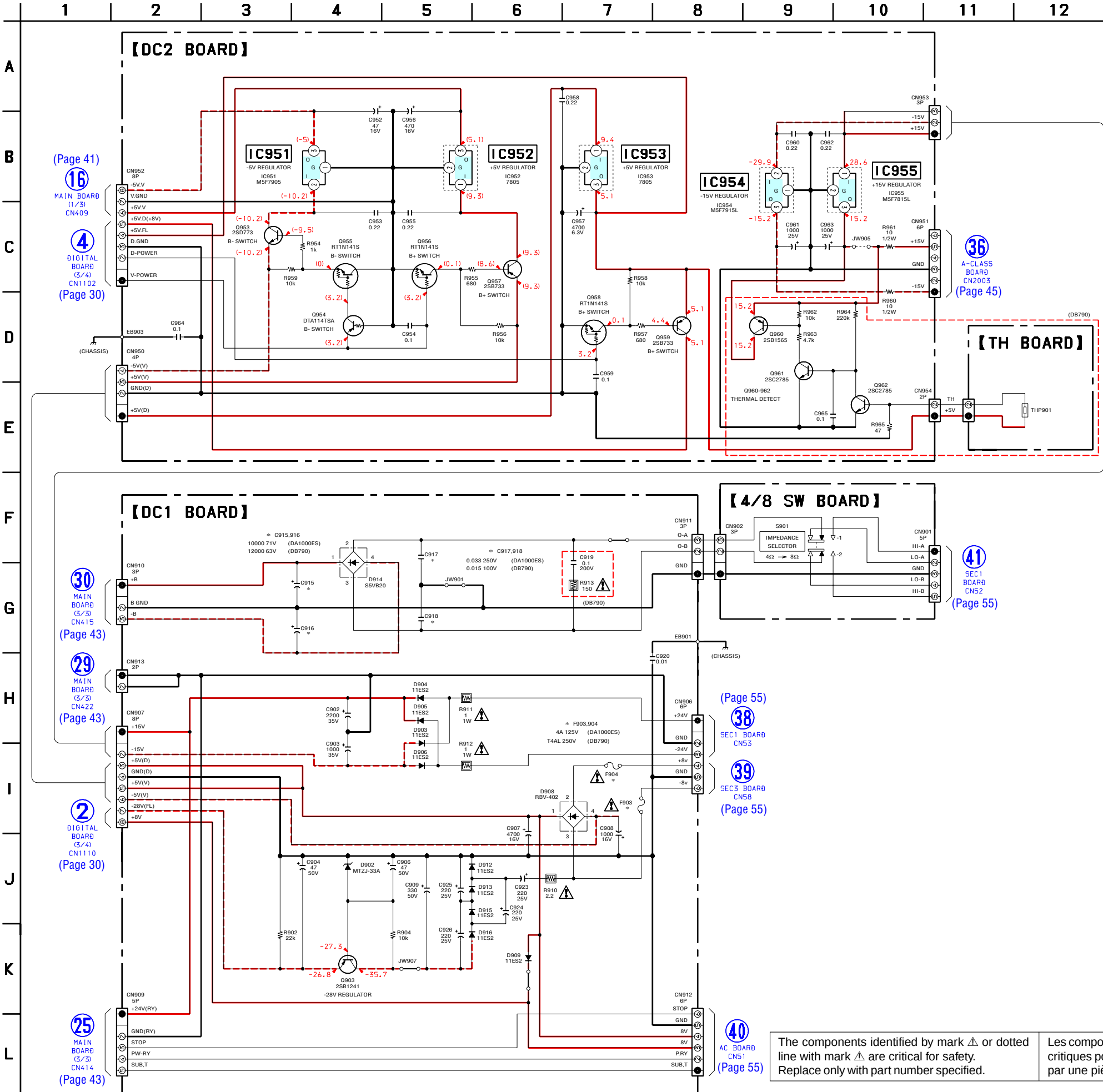
以阴影和 $\triangle$ 标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

• Semiconductor Location

Ref. No.	Location
D902	G-1
D903	F-4
D904	F-4
D905	E-4
D906	E-4
D908	F-2
D909	H-2
D912	F-2
D913	F-1
D914	G-4
D915	F-1
D916	F-1
IC951	B-2
IC952	C-2
IC953	C-3
IC954	C-4
IC955	C-5
Q903	H-1
Q953	B-3
Q954	B-3
Q955	B-3
Q956	C-2
Q957	C-2
Q958	C-4
Q959	B-4
Q960	B-5
Q961	C-5
Q962	C-5



6-35. SCHEMATIC DIAGRAM – DC1/DC2/TH/4/8 SW Boards –

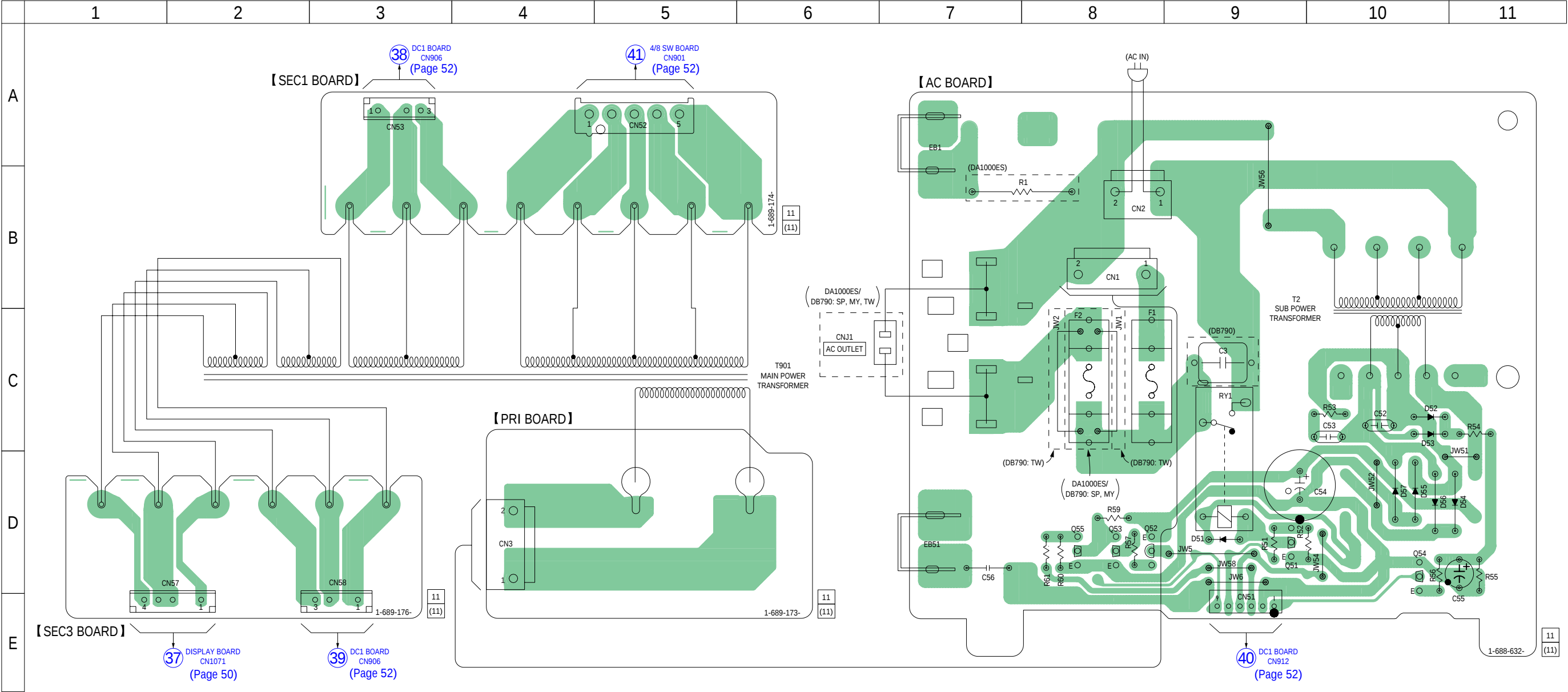


The components identified by mark $\triangle$ or dotted line with mark $\triangle$ are critical for safety. Replace only with part number specified.

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

以阴影和 $\triangle$ 标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

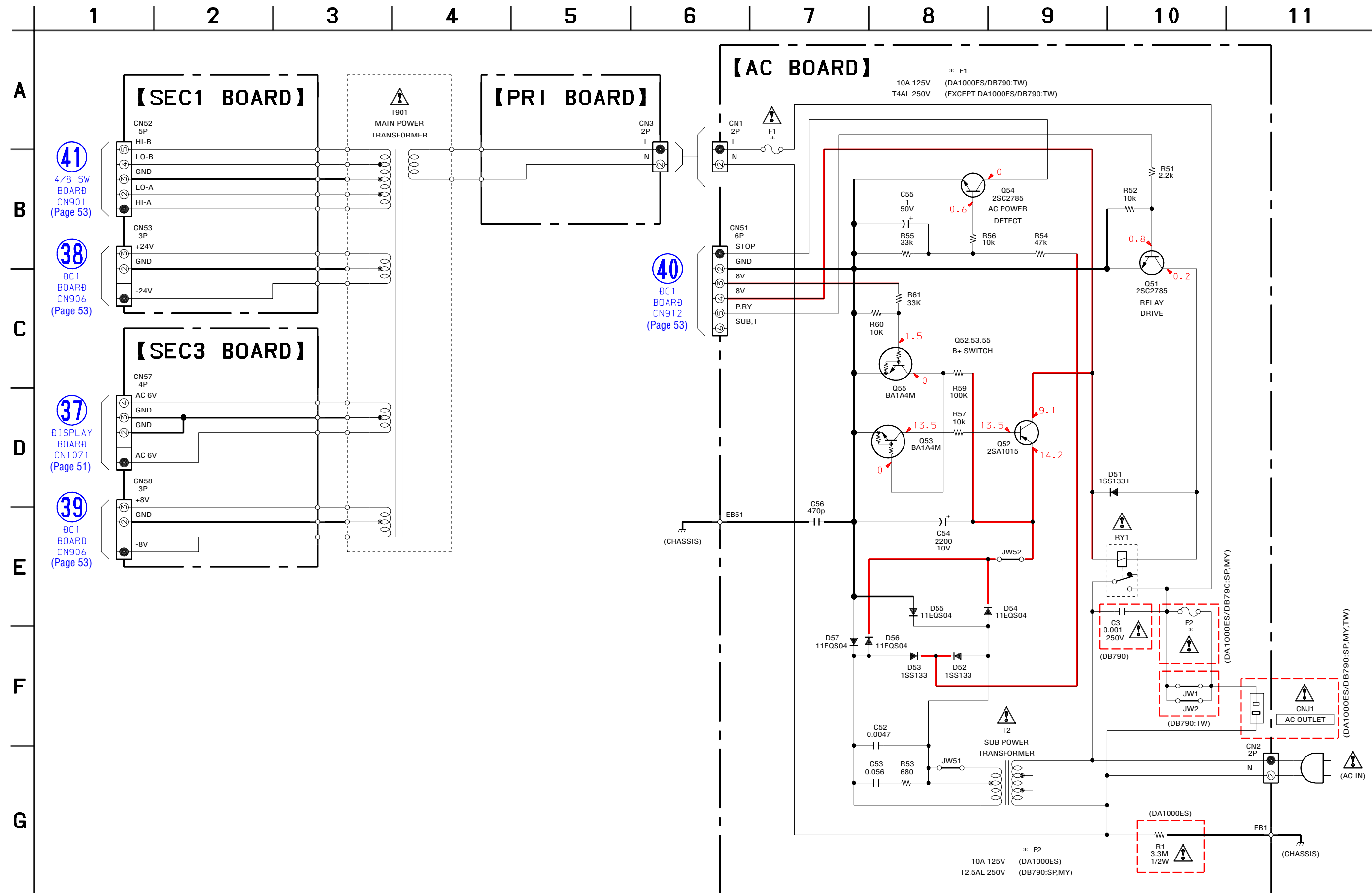
6-36. PRINTED WIRING BOARDS – AC/PRI/SEC1/SEC3 Boards – • See page 25 for Circuit Boards Location.  :Uses unleaded solder.



• Semiconductor Location

Ref. No.	Location
D51	D-9
D52	C-10
D53	C-10
D54	D-11
D55	D-10
D56	D-10
D57	D-10
Q51	D-9
Q52	D-8
Q53	D-8
Q54	D-10
Q55	D-8

6-37. SCHEMATIC DIAGRAM – AC/PRI/SEC1/SEC3 Boards –



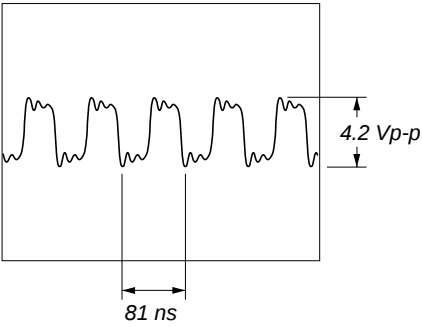
The components identified by mark  or dotted line with mark  are critical for safety.
Replace only with part number specified.

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

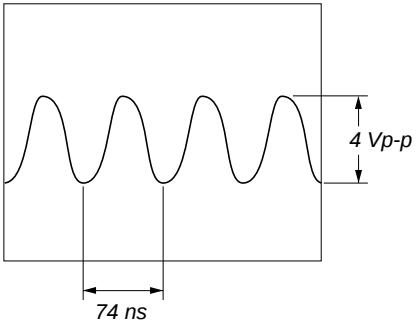
以阴影和△标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

• Waveforms
– DIGITAL Board –

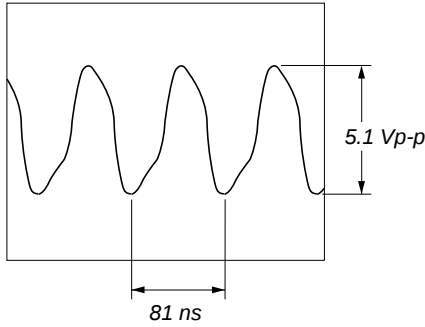
① IC1101 ⑬ (CKOUT)



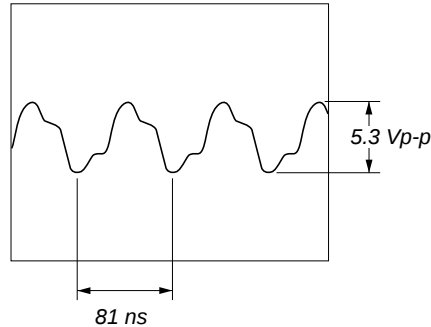
⑥ IC1201 ⑫ (MCLK2)



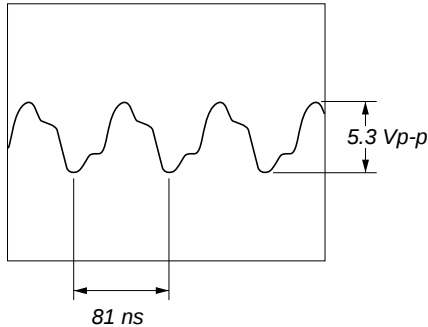
⑪ IC1201 ⑳ (KFSIO)



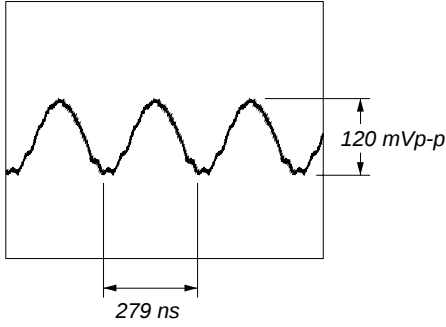
⑮ IC1501 ③⑨ (SCKI)



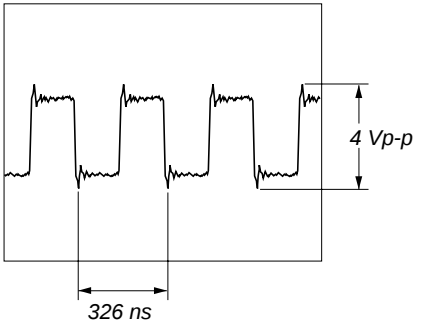
② IC1502 ⑩⑥ (SCK)



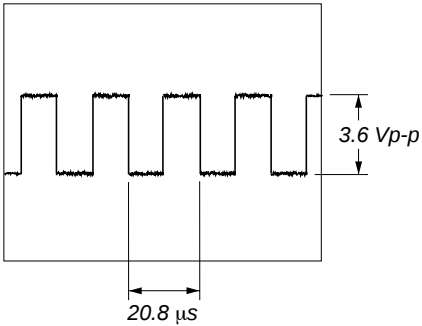
③① IC371 ④ (XTAL) (VIDEO 1 mode)
(STR-DA1000ES)



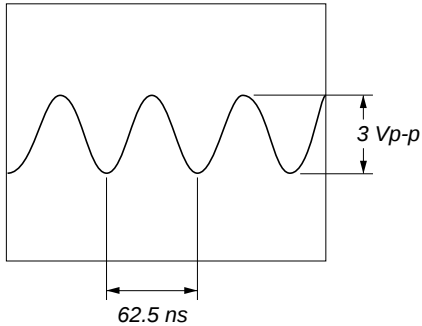
② IC1101 ⑭ (BCK)



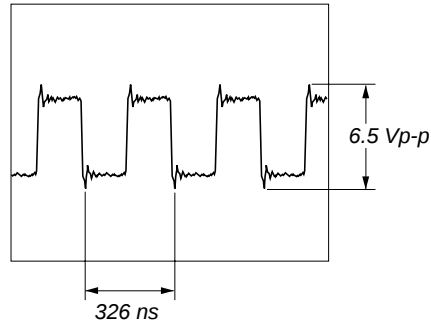
⑦ IC1201 ⑮ (LRCKI1), ⑳ (LRCKI2)



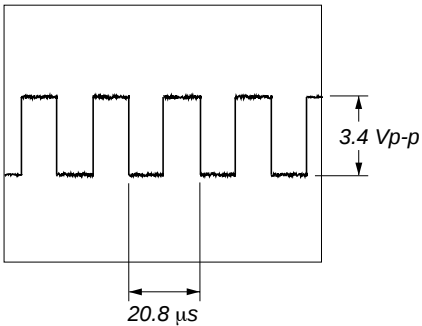
⑫ IC1601 ③③ (X1)



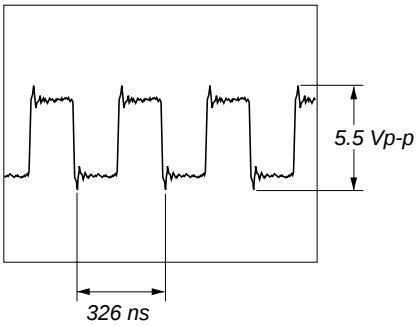
⑰ IC1501 ④④ (BCK)



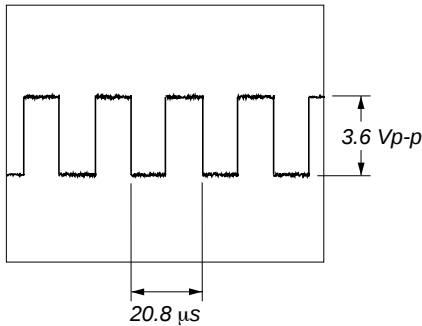
③ IC1101 ⑮ (LRCK)



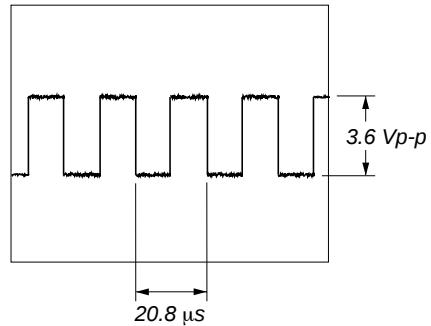
⑧ IC1201 ⑰ (BCKI1), ⑳ (BCKI2)



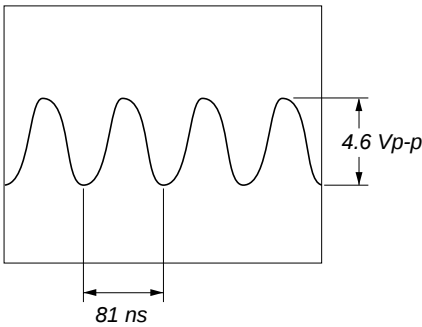
⑬ IC1401 ⑬ (LRCK)



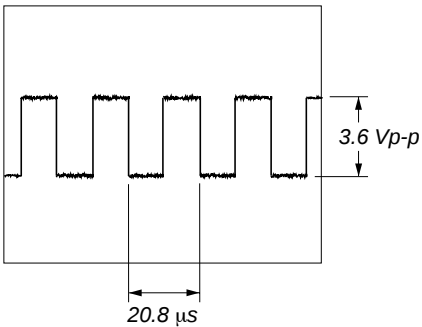
⑮ IC1501 ④ (LRCK)



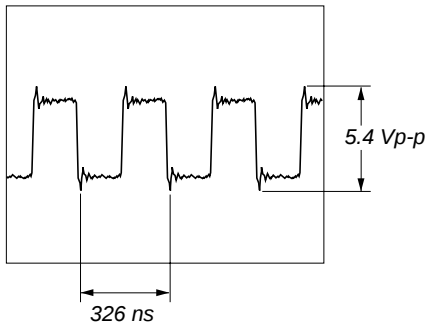
④ IC1101 ⑳ (XMCK)



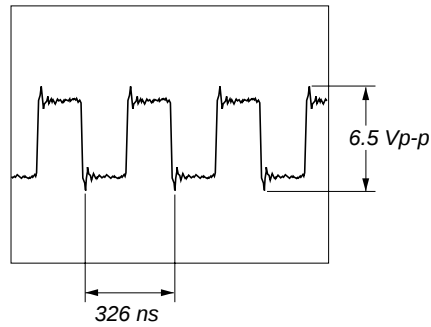
⑨ IC1201 ⑮ (LRCKO), ⑰ (GP10)



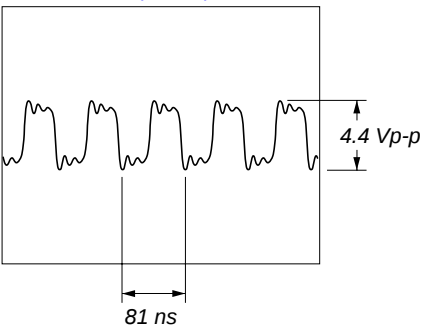
⑭ IC1401 ⑭ (BCK)



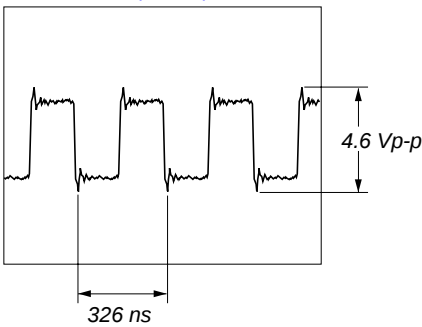
⑰ IC1502 ① (BCK)



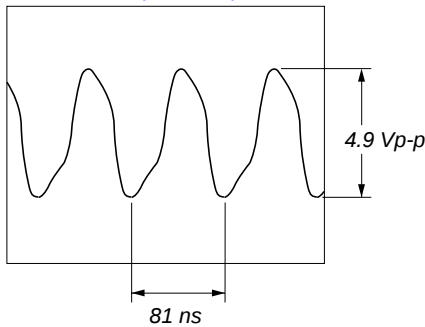
⑤ IC1101 ㉔ (XOUT)



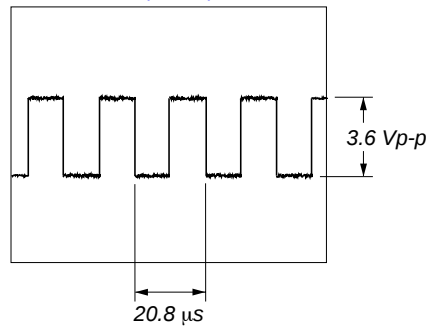
⑩ IC1201 ㉔ (BCKO)



⑮ IC1401 ⑮ (SYSCLK)



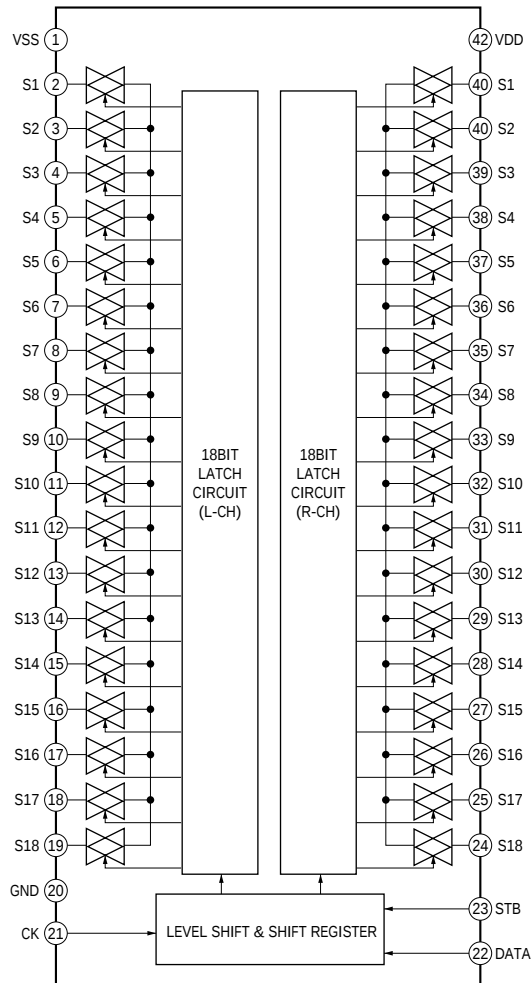
⑳ IC1502 ③ (LRCK)



– COMP-V Board –

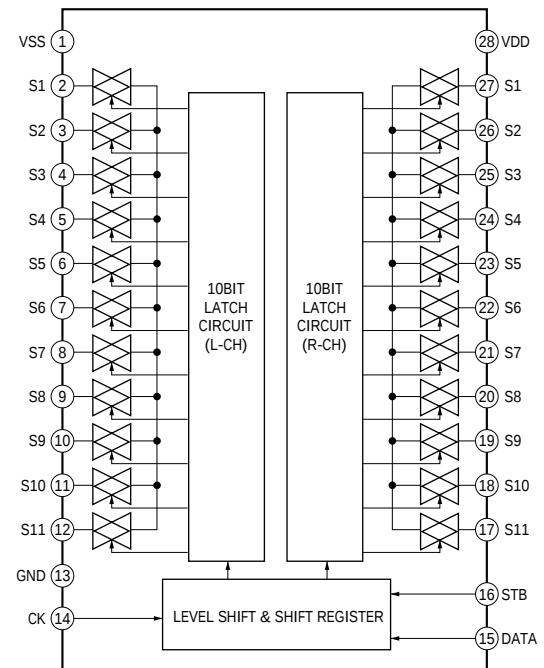
• IC Block Diagrams

IC101 TC9274N-017 (AU-IN board)



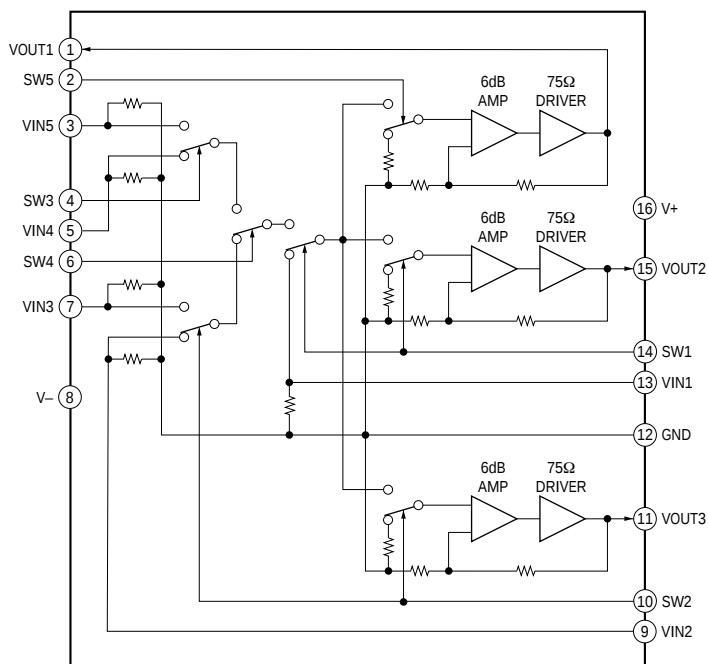
IC173 TC9273F-012 (EL) (AU-IN Board)

IC201 TC9273N-014 (VIDEO-AU Board)

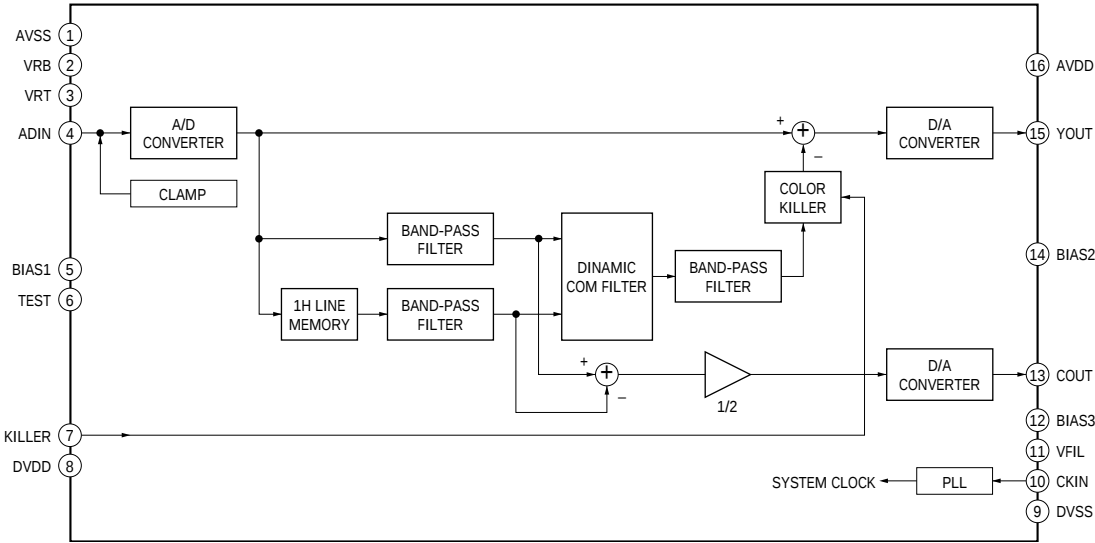


IC301 NJM2595D (VIDEO Board)

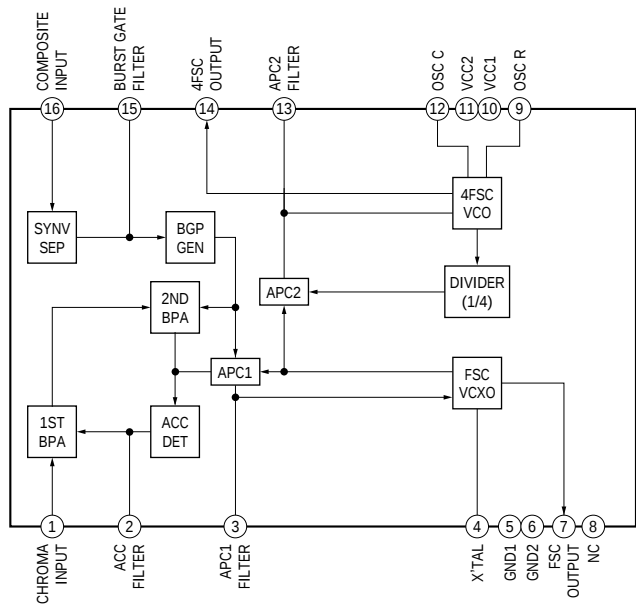
IC850, 851 NJM2595D (S-VIDEO Board)



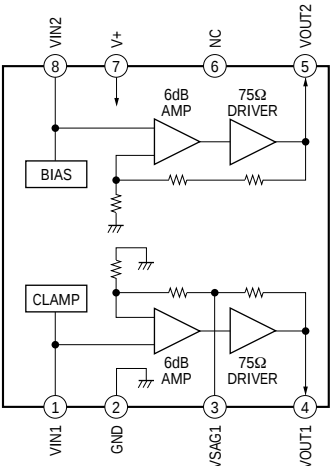
IC370 TC90A45F (COMP-V Board (STR-DA1000ES))

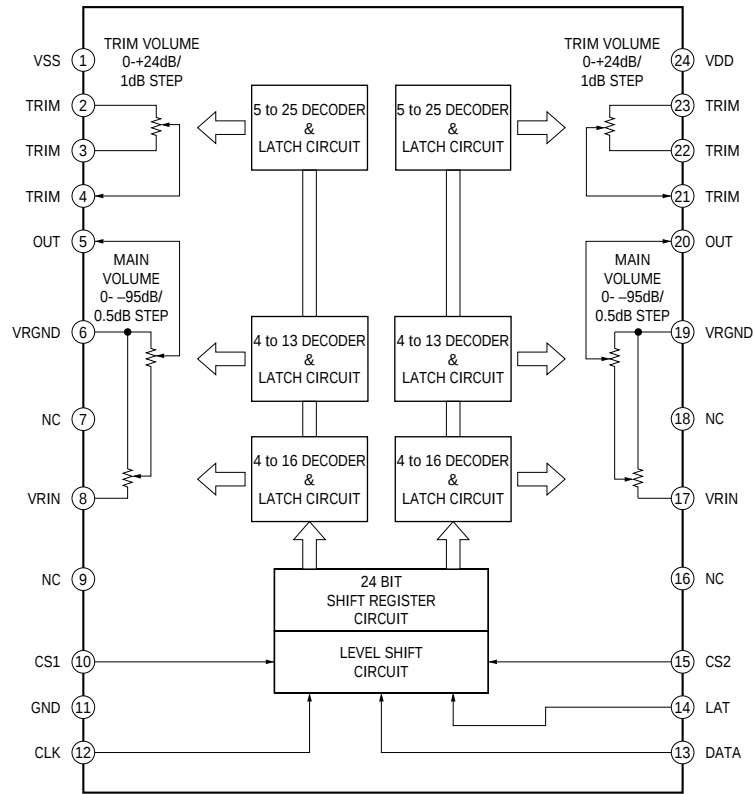
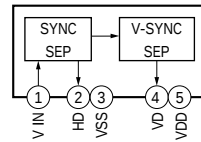
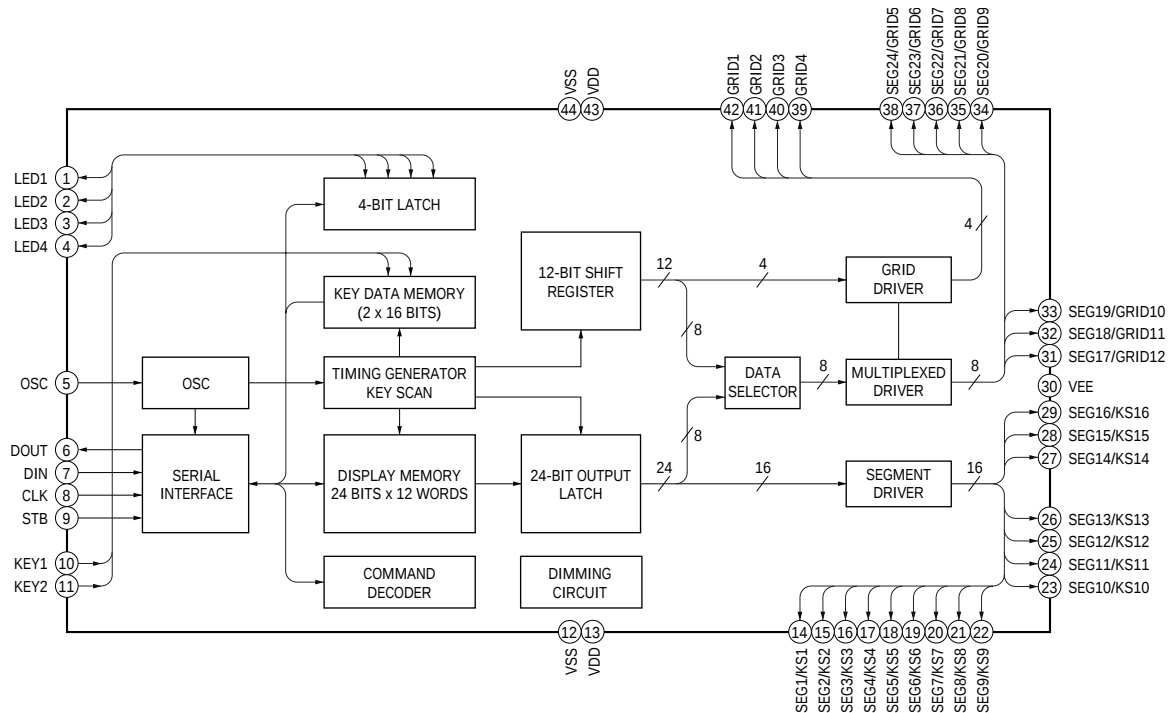


IC371 MM1093NF (COMP-V Board (STR-DA1000ES))

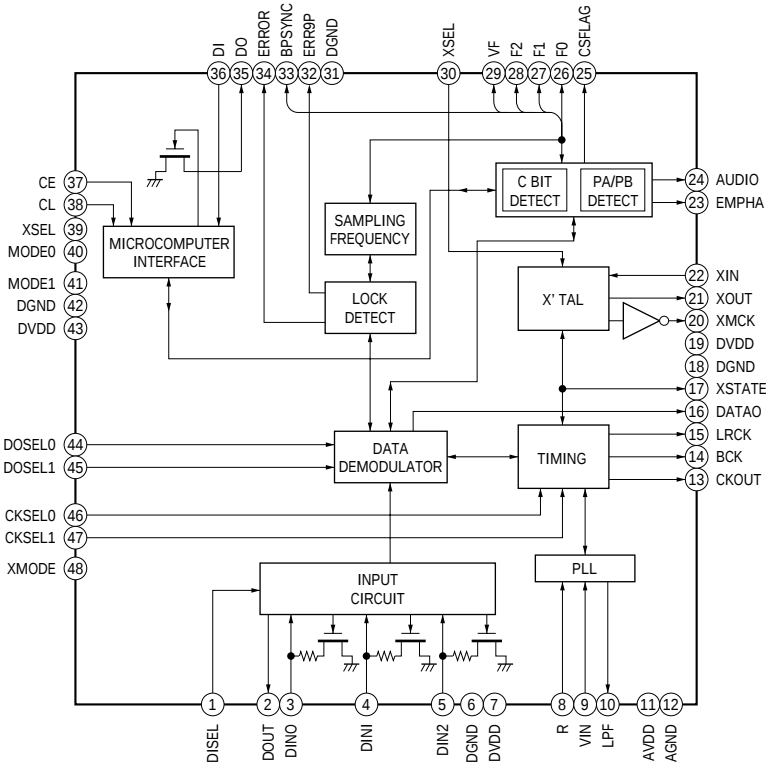


IC372 NJM2268D (COMP-V Board (STR-DA1000ES))

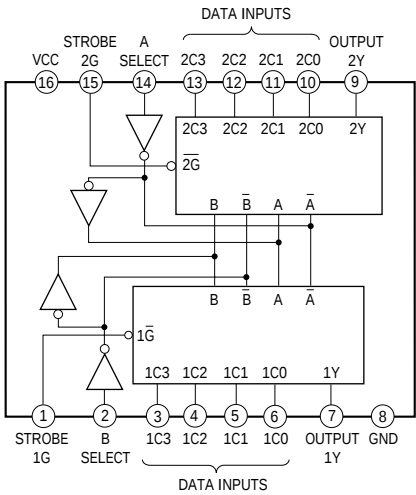


IC401, 501, 601, 651 CXD9275M (MAIN Board)**IC852 LA7213 (S-VIDEO Board (STR-DA1000ES))****IC1001 μ PD16315GB-3BS (DISPLAY Board)**

IC1101 LC89056W-E (DIGITAL Board)

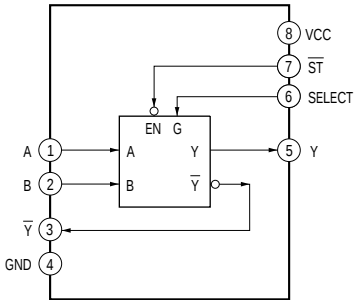


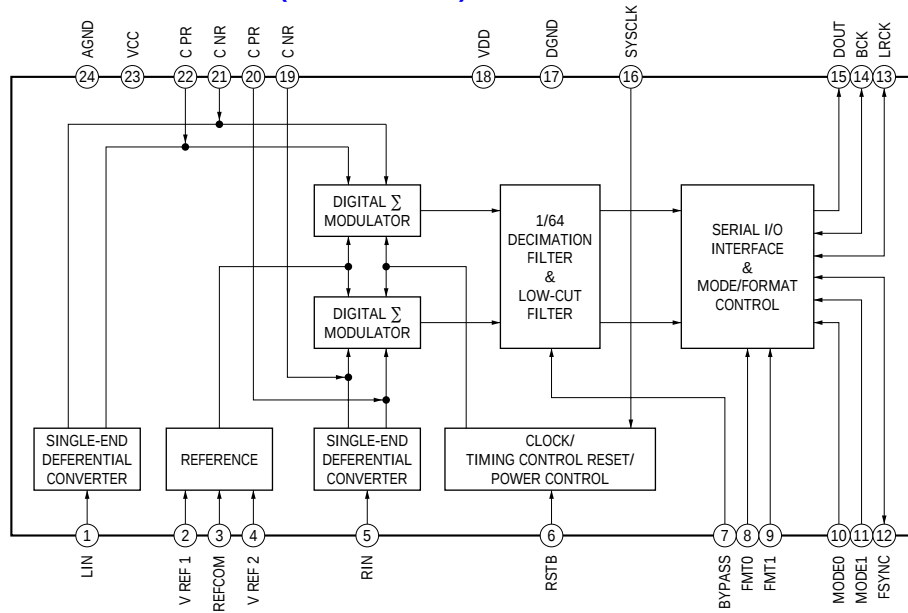
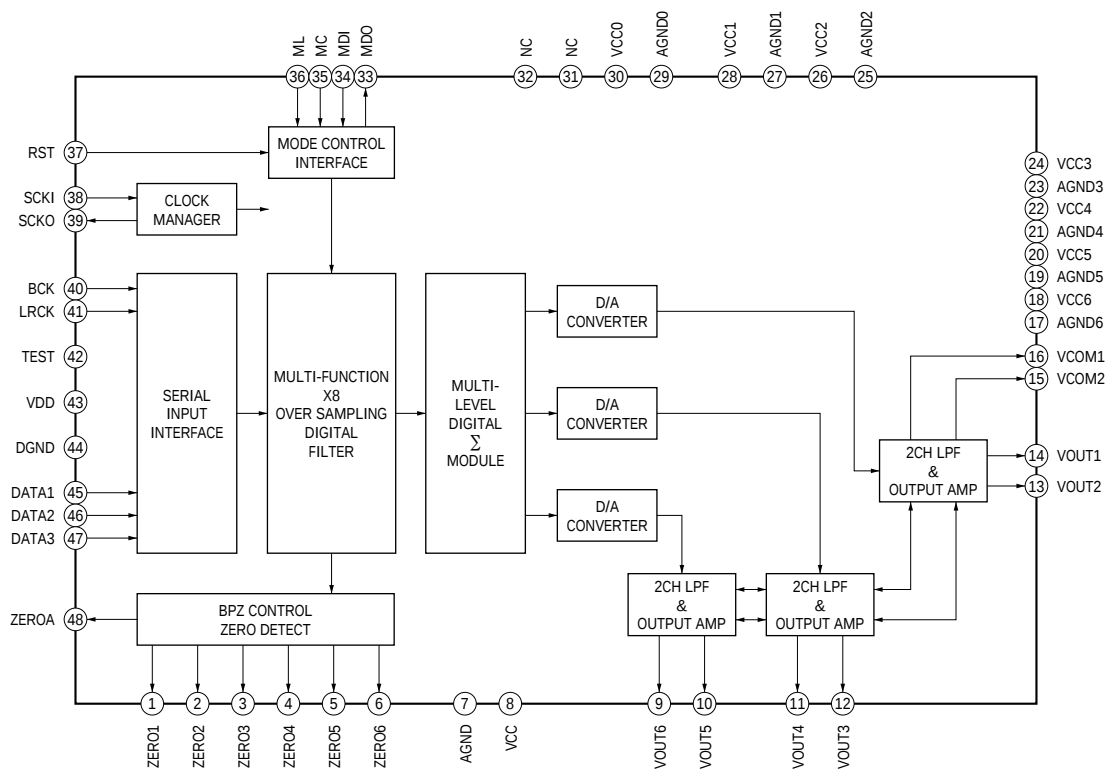
IC1103 SN74HC153ANS (DIGITAL Board)



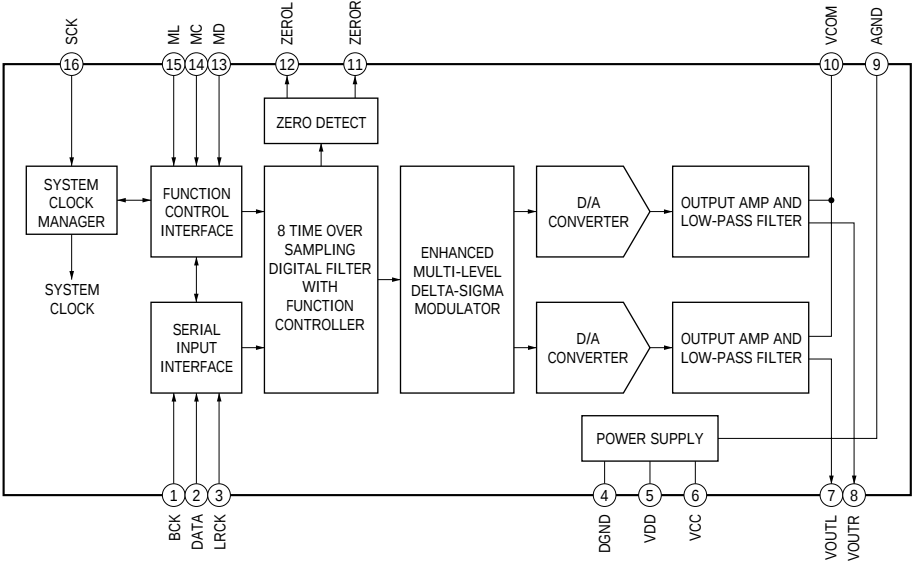
IC1204 TC7WH157FU (TE12R) (DIGITAL Board)

IC1504 TC7WH157FU (TE12R) (DIGITAL Board (STR-DA1000ES))



IC1401 PCM1800E/2K (DIGITAL Board)**IC1501 PCM1604Y/2K (DIGITAL Board)**

IC1502 PCM1748E/2K (DIGITAL Board)



6-38. IC PIN FUNCTION DESCRIPTION

• DIGITAL BOARD IC1101 LC89056W-E (DIGITAL AUDIO INTERFACE RECEIVER)

Pin No.	Pin Name	I/O	Description
1	DISEL	I	Selection signal input terminal of data input terminal Fixed at “L” in this set
2	DOUT	O	Digital data output to the external output terminal
3 to 5	DIN0 to DIN2	I	Digital data input from the external input terminal
6	DGND	—	Ground terminal (for digital)
7	DVDD	—	Power supply terminal (+3.3V) (for digital)
8	R	I	Input terminal for VCO gain control
9	VIN	I	Input terminal for VCO free-run frequency setting
10	LPF	O	PLL loop filter setting terminal
11	AVDD	—	Power supply terminal (+3.3V) (for analog)
12	AGND	—	Ground terminal (for analog)
13	CKOUT	O	Audio clock signal output to the audio digital signal processor and D/A converter
14	BCK	O	Bit clock signal (2.8224 MHz) output to the audio digital signal processor and A/D converter
15	LRCK	O	L/R sampling clock signal (44.1 kHz) output to the audio digital signal processor and A/D converter
16	DATAO	O	Audio serial data output to the audio digital signal processor and system controller
17	XSTATE	O	Source clock selection monitor output to the system controller
18	DGND	—	Ground terminal (for digital)
19	DVDD	—	Power supply terminal (+3.3V) (for digital)
20	XMCK	O	System clock signal (12.288 MHz) output to the A/D converter
21	XOUT	O	System clock output terminal (12.288 MHz)
22	XIN	I	System clock input terminal (12.288 MHz)
23	EMPHA	O	Channel status emphasis information output terminal Not used
24	AUDIO	O	Channel status bit 1 output to the audio digital signal processor
25	CSFLAG	O	Channel status head 40 bit renewal flag output terminal Not used
26 to 29	F0/P0/C0 to F3/P3/C3	O	Output terminal of input frequency calculation result Not used
30	DVDD	—	Power supply terminal (+3.3V) (for digital)
31	DGND	—	Ground terminal (for digital)
32	AUTO	O	Not used
33	BPSYNC	O	Non-PCM burst preamble sync signal output terminal Not used
34	ERROR	O	PLL lock error signal and data error flag output to the audio digital signal processor and system controller
35	DO	O	Read data output to the system controller
36	DI	I	Write data input from the system controller
37	CE	I	Chip enable signal input from the system controller
38	CLK	I	Clock signal input from the system controller
39	XSEL	I	Selection signal input terminal of crystal oscillator frequency Fixed at “H” in this set
40, 41	MODE0, MODE1	I	Mode setting terminal Fixed at “L” in this set
42	DGND	—	Ground terminal (for digital)
43	DVDD	—	Power supply terminal (+3.3V) (for digital)
44, 45	DOSEL0, DOSEL1	I	Output data format selection signal input terminal Fixed at “L” in this set
46	CKSEL0	I	Output clock selection signal input terminal Fixed at “L” in this set
47	CKSEL1	I	Output clock selection signal input from the system controller
48	XMODE	I	System reset signal input from the system controller “L”: reset

• DIGITAL BOARD IC1201 CXD9718Q (AUDIO DIGITAL SIGNAL PROCESSOR)

Pin No.	Pin Name	I/O	Description
1	VSS	—	Ground terminal
2	XRST	I	System reset signal input from the system controller “L”: reset
3	EXTIN	I	Master clock signal input terminal Not used
4	FS2	I	Sampling frequency selection signal input terminal Not used
5	VDDI	—	Power supply terminal (+2.5V)
6	FS1	I	Sampling frequency selection signal input terminal Not used
7	PLOCK	O	Internal PLL lock signal output terminal Not used
8	VSS	—	Ground terminal
9	MCLK1	I	System clock input terminal (13.5 MHz)
10	VDDI	—	Power supply terminal (+2.5V)
11	VSS	—	Ground terminal
12	MCLK2	O	System clock output terminal (13.5 MHz)
13	MS	I	Master/slave setting terminal “L”: internal clock, “H”: external clock Fixed at “L” in this set
14	SCKOUT	O	Internal system clock output terminal Not used
15	LRCKI1	I	L/R sampling clock signal (44.1 kHz) input from the A/D converter and digital audio interface receiver
16	VDDE	—	Power supply terminal (+3.3V)
17	BCKI1	I	Bit clock signal (2.8224 MHz) input from the A/D converter and digital audio interface receiver
18	SDI1	I	Audio serial data input from the A/D converter
19	LRCKO	O	L/R sampling clock signal (44.1 kHz) output to the D/A converter
20	BCKO	O	Bit clock signal (2.8224 MHz) output to the D/A converter
21	VSS	—	Ground terminal
22	KFSIO	I	Audio clock signal input from the digital audio interface receiver
23 to 26	SDO1 to SDO4	O	Audio serial data output to the D/A converter
27	SPDIF	O	SPDIF signal output terminal Not used
28	LRCKI2	I	L/R sampling clock signal (44.1 kHz) input from the A/D converter and digital audio interface receiver
29	BCKI2	I	Bit clock signal (2.8224 MHz) input from the A/D converter and digital audio interface receiver
30	SDI2	I	Audio serial data input from the digital audio interface receiver
31	VSS	—	Ground terminal
32	HACN	O	Acknowledge signal output to the system controller
33	HDIN	I	Serial data input from the system controller
34	HCLK	I	Serial data transfer clock signal input from the system controller
35	HDOUT	O	Serial data output to the system controller
36	HCS	I	Chip select input from the system controller
37	SDCLK	I	Write signal input from the system controller
38	CLKEN	O	SD-RAM chip enable output terminal Not used
39	RAS	O	Row address strobe signal output terminal Not used
40	VDDI	—	Power supply terminal (+2.5V)
41	VSS	—	Ground terminal
42	CAS	O	Column address strobe signal output terminal Not used
43	DQM/OE0	O	Output terminal of data input/output mask Not used
44	CS0	O	Chip select signal output to the S-RAM
45	WE0	O	Write enable signal output to the S-RAM

Pin No.	Pin Name	I/O	Description
46	VDDE	—	Power supply terminal (+3.3V)
47	WMD1	I	External memory wait mode setting terminal Fixed at “H” in this set
48	VSS	—	Ground terminal
49	WMD0	I	External memory wait mode setting terminal Fixed at “H” in this set
50	PAGE2	O	External memory page selection signal output terminal Not used
51	VSS	—	Ground terminal
52, 53	PAGE1, PAGE0	O	External memory page selection signal output terminal Not used
54	BOOT	I	Boot mode control signal input terminal Not used
55	BTACT	O	Boot mode state display signal output terminal Not used
56	BST	I	Boot strap signal input from the system controller
57	MOD1	I	Operation mode setting terminal “L”: enhanced mode, “H”: normal mode Fixed at “H” in this set
58	MOD0	I	Operation mode setting terminal “L”: single chip mode, “H”: can not use Fixed at “L” in this set
59	EXLOCK	I	PLL lock error signal and data error flag input from the digital audio interface receiver
60	VDDI	—	Power supply terminal (+2.5V)
61	VSS	—	Ground terminal
62, 63	A17, A16	O	Address signal output terminal Not used
64 to 66	A15 to A13	O	Address signal output to the S-RAM
67	GP10	I	L/R sampling clock signal (44.1 kHz) input terminal
68	GP9	O	Read ready signal output to the system controller
69	GP8	I	Channel status bit 1 input from the digital audio interface receiver
70	VDDI	—	Power supply terminal (+2.5V)
71	VSS	—	Ground terminal
72 to 75	D15 to D12	I/O	Two-way data bus with the S-RAM
76	VDDE	—	Power supply terminal (+3.3V)
77 to 80	D11 to D8	I/O	Two-way data bus with the S-RAM
81	VSS	—	Ground terminal
82 to 85	A9, A12 to A10	O	Address signal output to the S-RAM
86	TDO	O	Simplicity emulation data output terminal Not used
87	TMS	I	Simplicity emulation data input start and end terminal Not used
88	XTRST	I	Simplicity emulation non-sync break signal input terminal Not used
89	TCK	I	Simplicity emulation clock signal input terminal Not used
90	TDI	I	Simplicity emulation data input terminal Not used
91	VSS	—	Ground terminal
92 to 97	A8 to A3	O	Address signal output to the S-RAM
98, 99	D7, D6	I/O	Two-way data bus with the S-RAM
100	VDDI	—	Power supply terminal (+2.5V)
101	VSS	—	Ground terminal
102 to 105	D5 to D2	I/O	Two-way data bus with the S-RAM
106	VDDE	—	Power supply terminal (+3.3V)
107, 108	D1, D0	I/O	Two-way data bus with the S-RAM
109, 110	A2, A1	O	Address signal output to the S-RAM
111	VSS	—	Ground terminal
112	A0	O	Address signal output to the S-RAM
113	PM	I	PLL initialize signal input from the system controller

Pin No.	Pin Name	I/O	Description
114, 115	SDI3, SDI4	I	Audio serial data input terminal Not used
116	SYNC	I	Sync/non-sync setting terminal “L”: sync, “H”: non-sync Fixed at “H” in this set
117 to 119	VSS	—	Ground terminal
120	VDDI	—	Power supply terminal (+2.5V)

• DIGITAL BOARD IC1601 MB90478PF-G-148-BND (SYSTEM CONTROLLER)

Pin No.	Pin Name	I/O	Description
1	DATA0	I	Audio serial data input from the digital audio interface receiver
2	GP9	I	Read ready signal input from the audio digital signal processor
3	BST	O	Boot strap signal output to the audio digital signal processor
4	HCS	O	Chip select signal output to the audio digital signal processor
5	HACN	I	Acknowledge signal input from the audio digital signal processor
6	XRST	O	System reset signal output to the audio digital signal processor “L”: reset
7	PM	O	PLL initialize signal output to the audio digital signal processor
8	RST	O	System reset signal output to the D/A converter “L”: reset
9	CLK	O	Serial data transfer clock signal output to the D/A converter
10	DATA OUT	I	Serial data input from the D/A converter
11	VSS	—	Ground terminal
12	LAT	O	Serial data latch pulse signal output to the D/A converter
13	DATA IN	O	Serial data output to the D/A converter
14	DATA	O	Serial data output to the tuner unit, function switch and electrical volume
15	CLK	O	Serial data transfer clock signal output to the tuner unit, function switch and electrical volume
16	LATCH	O	Serial data latch pulse signal output to the function switch and electrical volume
17	PCM1748 LAT	O	Serial data latch pulse signal output to the D/A converter
18	HDOUT	I	Serial data input from the audio digital signal processor
19	HDIN	O	Serial data output to the audio digital signal processor
20	HCLK	O	Serial data transfer clock signal output to the audio digital signal processor
21	GP12	O	Write signal output to the audio digital signal processor
22	AD RST	O	System reset signal output to the A/D converter “L”: reset
23	VCC5	—	Power supply terminal (+3.3V)
24	D-POWER	O	Digital section power on/off control signal output terminal “H”: power on
25	ANA/DIG	O	Analog/digital selection signal output terminal “L”: analog, “H”: digital
26	V-POWER	O	Video section power on/off control signal output terminal “H”: power on
27	FLASH2	O	Flash programming signal output terminal
28	SP SWITCH/ FLASH1	I/O	Speaker switch input terminal “L”: speaker on Flash programming signal output terminal
29	C/SB RY	O	Relay drive signal output terminal (for center/surround back speaker) “H”: relay on
30	SPB RY	O	Relay drive signal output terminal (for front B speaker) “H”: relay on
31	PCM SW	O	Not used
32	LRCK SW	O	Signal selection signal output terminal “L”: boot strap signal, “H”: L/R sampling clock signal
33	SCL	O	Serial data transfer clock signal output to the EEPROM
34	SDA	I/O	Two-way data bus with the EEPROM
35	AVCC	—	Power supply terminal (+3.3V) (for analog)
36	AVRH	I	Reference voltage (+3.3V) input terminal
37	AVSS	—	Ground terminal (for analog)
38, 39	A/D0, A/D1	I	Front panel key input terminal (A/D input)
40	RDS SIGNAL	I	RDS signal input from the tuner unit (STR-DB790: AEP and UK models only)
41	VERSION	I	Destination setting terminal
42	VSS	—	Ground terminal
43	DETECT	I	Voltage limit detection signal input terminal
44	MENU ENCODER A	I	Jog dial pulse input from the rotary encoder (A phase input) (for MENU)

Pin No.	Pin Name	I/O	Description
45	MENU ENCODER B	I	Jog dial pulse input from the rotary encoder (B phase input) (for MENU)
46	FUN LAT SW	O	Serial data latch pulse signal selection signal output terminal “L”: for electrical volume, “H”: for function switch
47	LIMITTER	O	Output voltage control signal output terminal
48	STOP	I	AC off detection signal input terminal
49, 50	MD0, MD1	O	Setting terminal for the CPU operation mode Fixed at “H” in this set
51	MD2	O	Setting terminal for the CPU operation mode Fixed at “L” in this set
52	RDS CLOCK	I	RDS interrupt clock signal input from the tuner unit (STR-DB790: AEP and UK models only)
53	RDS DATA	I	RDS serial data input from the tuner unit (STR-DB790: AEP and UK models only)
54	SIRCS	I	Sircs signal input terminal
55	HP DETECT	I	Headphone detection signal input terminal “H”: headphone is connected
56	POWER KEY	I	I/⏻ key input terminal “L”: power on
57 to 60	SW4 to SW1	O	Video selection signal output terminal
61	DIN	O	Serial data output to the fluorescent indicator tube driver
62	CLK	O	Serial data transfer clock signal output to the fluorescent indicator tube driver
63	FL STB	O	Strobe signal output to the fluorescent indicator tube driver
64	A1 OUT	O	Sircs signal output for CONTROL A1 II
65	A1 IN	I	Sircs signal input for CONTROL A1 II
66	POWER RELAY	O	Relay drive signal output terminal (for main power) “H”: relay on
67	PROTECTOR	I	Protect detection signal input from the protect circuit
68	HEADPHONE RELAY	O	Relay drive signal output terminal (for headphone) “H”: relay on
69	GROUPING SW	O	Data selection signal output terminal
70	REAR RELAY	O	Relay drive signal output terminal (for surround speaker) “H”: relay on
71	SW RELAY	O	Relay drive signal output terminal (for sub woofer) “H”: relay on
72	FRONT RELAY	O	Relay drive signal output (for front A speaker) “H”: relay on
73	TUNED	I	Tuned detection signal input from the tuner unit
74	STEREO	I	FM stereo detection signal input from the tuner unit
75	MUTE	O	Muting request control signal output to the tuner unit
76	DO	I	Serial data input from the tuner unit
77	RSTX	I	System reset signal input from the reset signal generator “L”: reset For several hundreds msec. after the power supply rises, “L” is input, then it changes to “H”
78	SLATCH	O	Serial data latch pulse signal output to the tuner unit
79	X1A	O	Sub system clock output terminal Not used
80	X0A	I	Sub system clock input terminal Not used
81	VSS	—	Ground terminal
82	X0	I	Main system clock input terminal (16 MHz)
83	X1	O	Main system clock output terminal (16 MHz)
84	VCC3	—	Power supply terminal (+3.3V)
85	FUNC (B)	I	Jog dial pulse input from the rotary encoder (B phase input) (for INPUT SELECTOR)
86	FUNC (A)	I	Jog dial pulse input from the rotary encoder (A phase input) (for INPUT SELECTOR)
87	+/- ENCODER A	I	Jog dial pulse input from the rotary encoder (A phase input) (for +/-)
88	+/- ENCODER B	I	Jog dial pulse input from the rotary encoder (B phase input) (for +/-)
89	VOL ENCODER A	I	Jog dial pulse input from the rotary encoder (A phase input) (for MASTER VOLUME)
90	VOL ENCODER B	I	Jog dial pulse input from the rotary encoder (B phase input) (for MASTER VOLUME)

Pin No.	Pin Name	I/O	Description
91, 92	SELECT1, SELECT2	O	Digital input selection signal output terminal
93	XMODE	O	System reset signal output to the digital audio interface receiver “L”: reset
94	CKSEL1	O	Output clock selection signal output to the digital audio interface receiver
95	CLK	O	Clock signal output to the digital audio interface receiver
96	CE	O	Chip enable signal output to the digital audio interface receiver
97	DI	O	Write data output to the digital audio interface receiver
98	DO	I	Read data input from the digital audio interface receiver
99	ERROR	I	PLL lock error signal and data error flag input from the digital audio interface receiver
100	XSTATE	I	Source clock selection monitor input from the digital audio interface receiver

SECTION 7

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

- Example:

KNOB, BALANCE (WHITE) . . . (RED)

Parts Color Cabinet's Color

- Abbreviation

AUS : Australian model KR : Korean model TW : Taiwan model

CH : Chinese model MY : Malaysia model

CND : Canadian model SP : Singapore model

- Color variation

SILVER : STR-DA1000ES/DB790: AEP, UK, Australian

GOLD : STR-DB790: Korean, Singapore, Malaysia, Taiwan, Chinese

BLACK : STR-DB790: AEP, UK, Australian

- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- The mechanical parts with no reference number in the exploded views are not supplied.

- Accessories are given in the last of the electrical parts list.

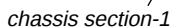
The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque  sont critiques pour la sécurité.

Ne les remplacer que par une pièce portant le numéro spécifié.

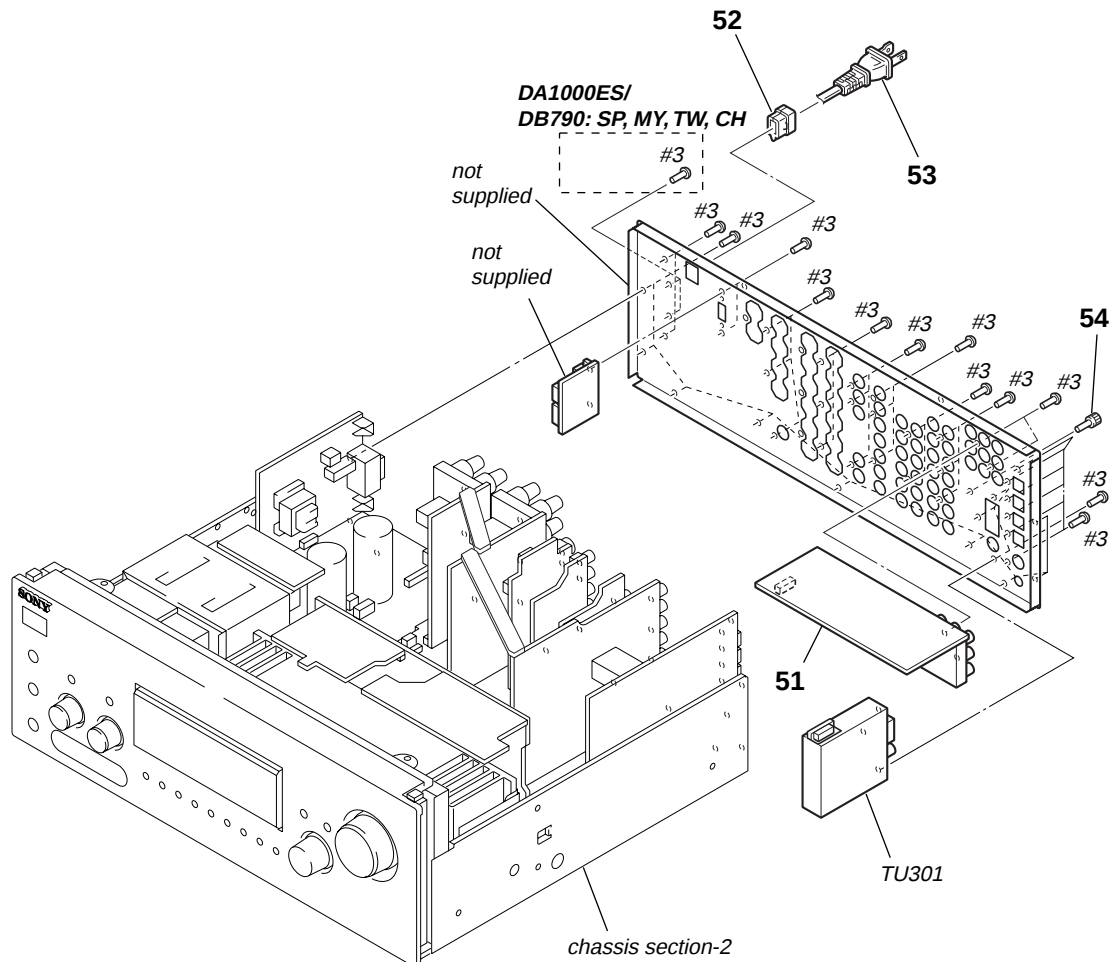
以阴影和 $\triangle$ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

7-1. CASE SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	X-4953-883-2	FOOT ASSY		3	4-227-843-01	SCREW (TP), FLAT HEAD (BLACK)	
2	4-248-594-01	CASE (414535) (SILVER)		3	4-227-843-31	SCREW (TP), FLAT HEAD (SILVER, GOLD)	
2	4-248-594-21	CASE (414535) (GOLD)		#2	7-685-885-09	SCREW +BVTT 4X16 (S)	
2	4-900-512-02	CASE (414535) (BLACK)					

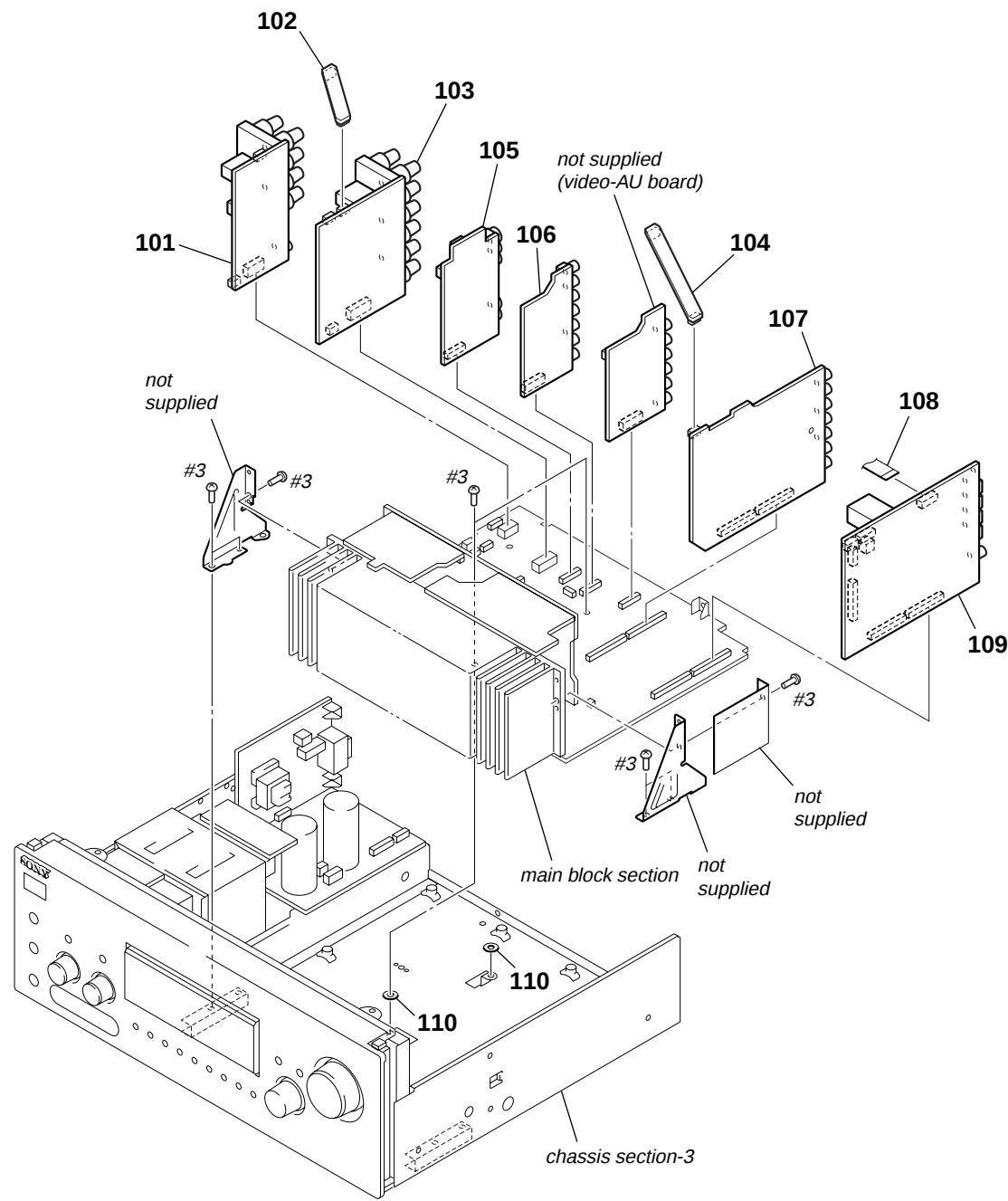
7-2. CHASSIS SECTION-1



The components identified by mark $\triangle$ or dotted line with mark $\triangle$ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque $\triangle$ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 $\triangle$ 标志来识别的零部件，在安全方面具有关键性。因此只能以规定号码的零部件来更换。
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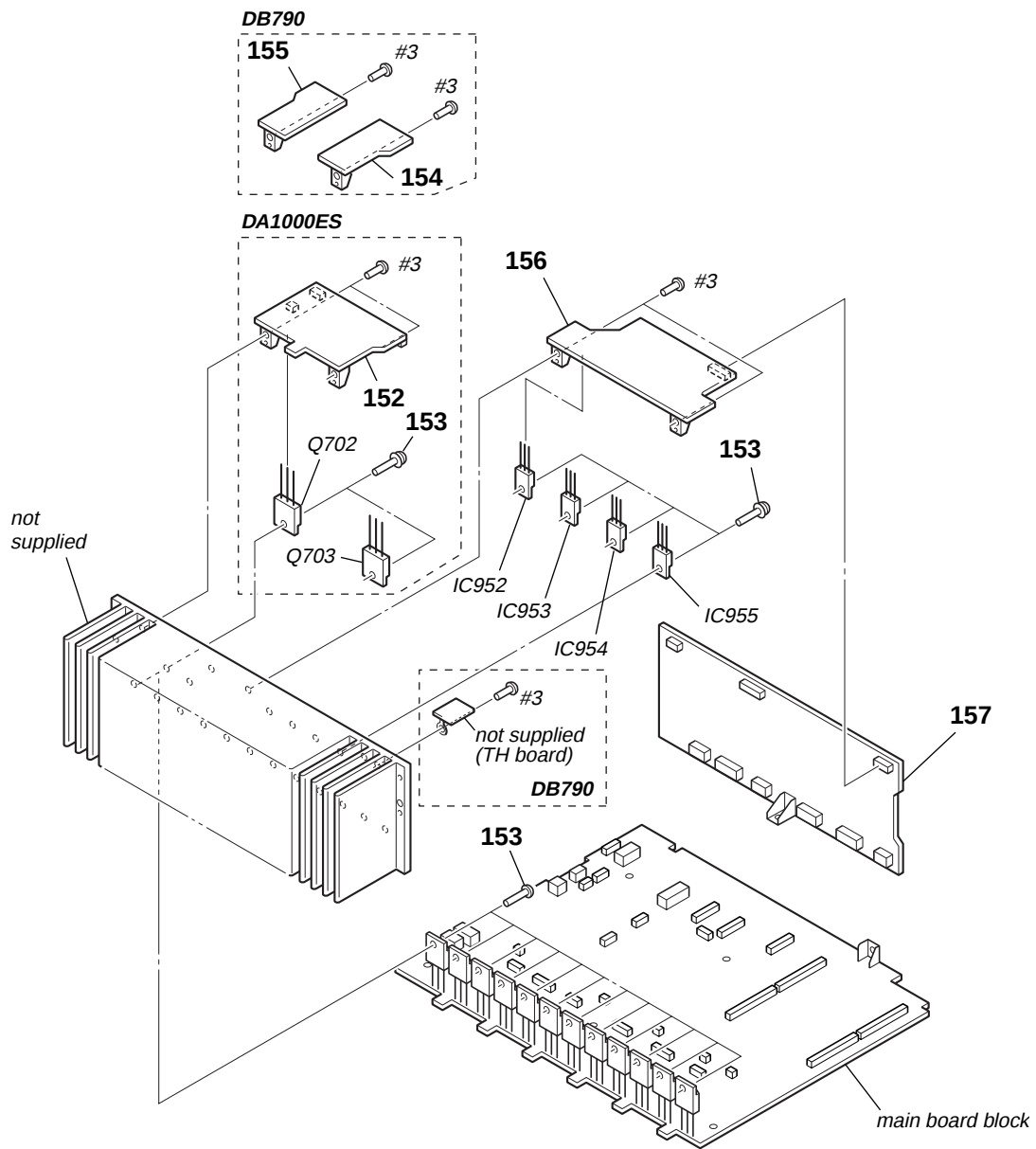
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	A-4733-546-A	COMP-V BOARD, COMPLETE (DB790)		$\triangle$ 53	1-783-820-11	CORD, POWER (US)	
51	A-4733-521-A	COMP-V BOARD, COMPLETE (DA1000ES)		$\triangle$ 53	1-827-597-41	CORD, POWER (TW)	
* 52	3-703-244-00	BUSHING (2104), CORD		54	4-947-010-01	SCREW, FEEDER FIXED	
$\triangle$ 53	1-696-847-21	CORD, POWER (AUS)		TU301	1-693-577-21	TUNER (DA1000ES)	
$\triangle$ 53	1-769-079-22	CORD, POWER (KR)		TU301	1-693-578-21	TUNER (DB790: AEP, UK)	
$\triangle$ 53	1-769-743-11	CORD, POWER (CND)		TU301	1-693-580-23	TUNER (DB790: SP, MY, TW, KR, AUS, CH)	
$\triangle$ 53	1-777-071-23	CORD, POWER (AEP, UK, SP, MY)		#3	7-685-646-79	SCREW +BVTP 3X8 TYPE IT-3	
$\triangle$ 53	1-782-464-22	CORD, POWER (CH)					

7-3. CHASSIS SECTION-2



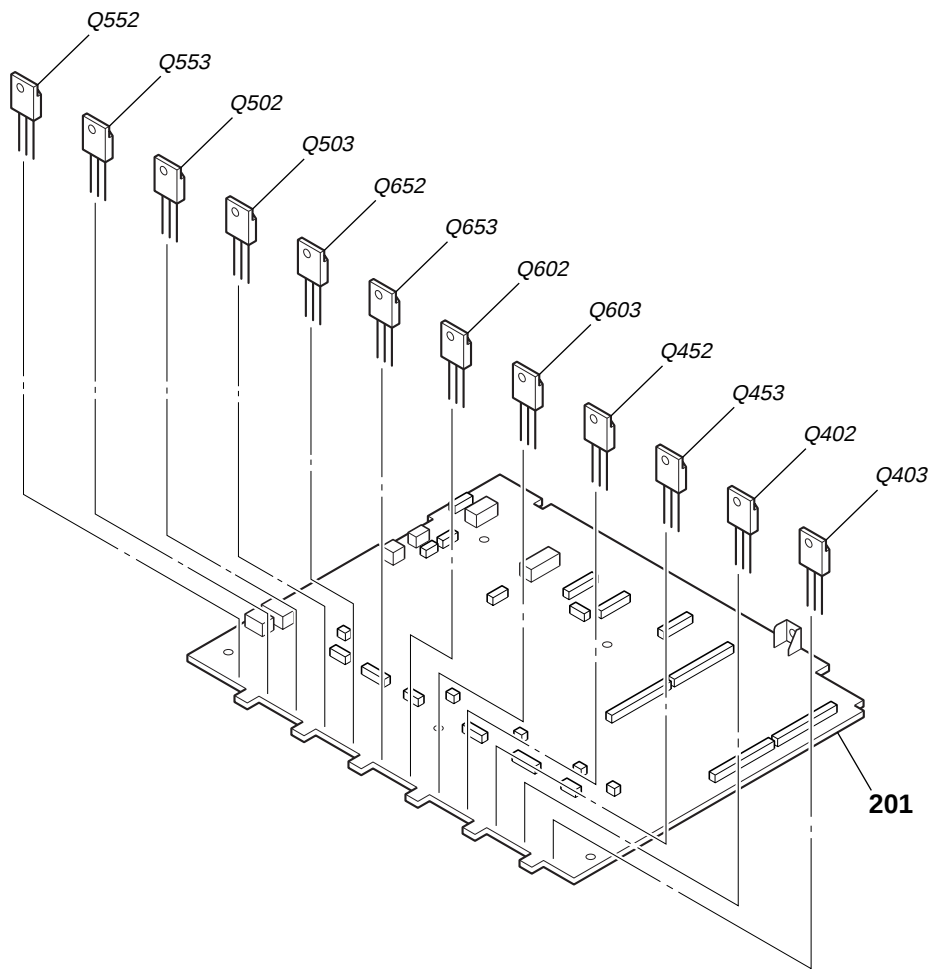
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	1-688-637-11	SP-B BOARD		108	1-769-938-11	WIRE (FLAT TYPE) (11 CORE)	
102	1-689-784-11	STAY4 BOARD				(DA1000ES/DB790: SP, MY, TW, KR, AUS, CH)	
103	1-688-636-11	SP-A BOARD		108	1-773-002-11	WIRE (FLAT TYPE) (15 CORE)	
104	1-689-748-11	STAY3 BOARD				(DB790: AEP, UK)	
105	A-4733-530-A	S-VIDEO BOARD, COMPLETE (DA1000ES)		109	A-4733-508-A	DIGITAL BOARD, COMPLETE (DA1000ES)	
				109	A-4733-536-A	DIGITAL BOARD, COMPLETE	
105	A-4733-550-A	S-VIDEO BOARD, COMPLETE (DB790)				(DB790: SP, MY, TW, KR, AUS, CH)	
106	1-688-645-11	VIDEO BOARD		109	A-4733-576-A	DIGITAL BOARD, COMPLETE (DB790: AEP, UK)	
107	A-4733-570-A	AU-IN BOARD, COMPLETE					
		(DB790: AEP, UK, AUS)		110	4-971-099-01	WASHER (P)	
107	A-4733-528-A	AU-IN BOARD, COMPLETE (DA1000ES)		#3	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
107	A-4733-548-A	AU-IN BOARD, COMPLETE					
		(DB790: SP, MY, TW, KR, CH)					

7-4. MAIN BLOCK SECTION



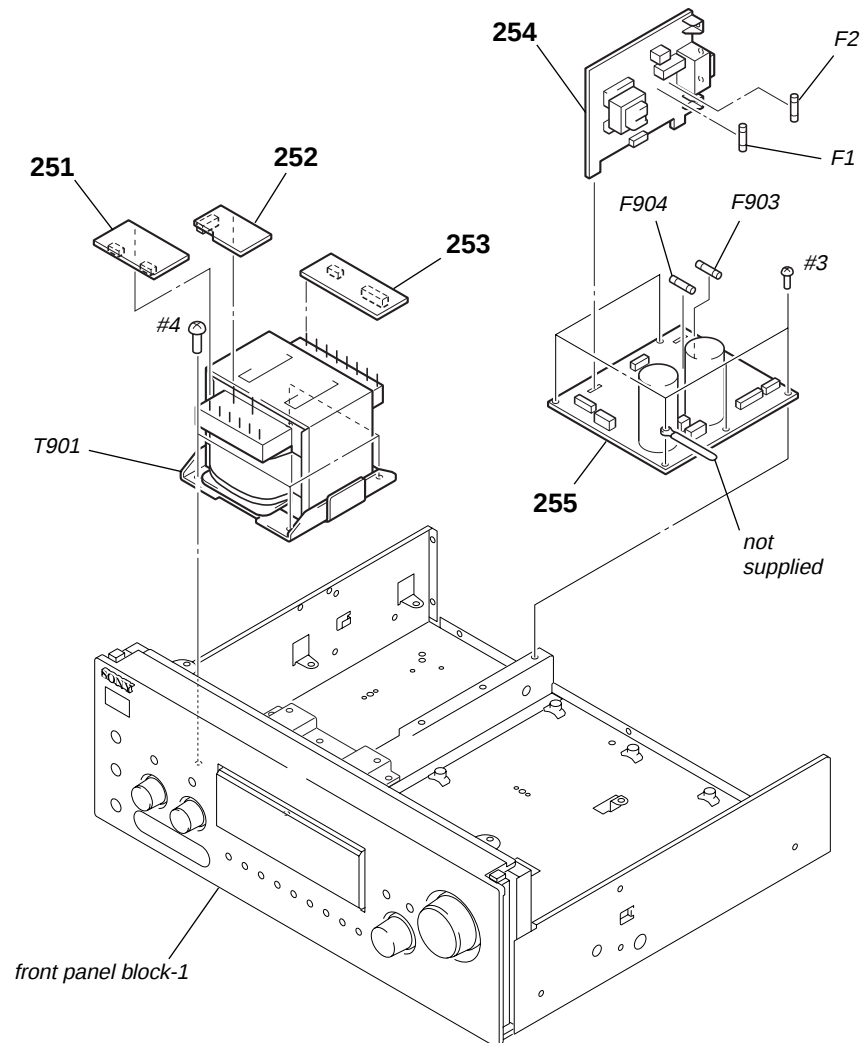
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
152	A-4733-518-A	SBL BOARD, COMPLETE (DA1000ES)		157	A-4733-539-A	A-CLASS BOARD, COMPLETE (DB790: SP, MY, TW, KR, CH)	
153	3-905-609-11	SCREW (TRANSISTOR)		IC952	8-759-231-53	IC TA7805S	
154	1-689-177-11	STAY BOARD (DB790)		IC953	8-759-231-53	IC TA7805S	
155	1-689-747-11	STAY2 BOARD (DB790)		IC954	8-759-245-87	IC TA79015S	
156	A-4733-517-A	DC2 BOARD, COMPLETE (DA1000ES)		IC955	8-759-231-59	IC TA7815S	
156	A-4733-543-A	DC2 BOARD, COMPLETE (DB790: SP, MY, TW, KR, CH)		Q702	6-702-390-01	IC MN2488-OPY-MK (DA1000ES)	
156	A-4733-574-A	DC2 BOARD, COMPLETE (DB790: AEP, UK, AUS)		Q703	6-702-391-01	IC MP1620-OPY-MK (DA1000ES)	
157	A-4733-467-A	A-CLASS BOARD, COMPLETE (DB790: AEP, UK, AUS)		#3	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
157	A-4733-513-A	A-CLASS BOARD, COMPLETE (DA1000ES)					

7-5. MAIN BOARD BLOCK



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
201	A-4733-533-A	MAIN BOARD, COMPLETE (DA1000ES)		Q502	6-702-390-01	IC MN2488-OPY-MK	
201	A-4733-553-A	MAIN BOARD, COMPLETE (DB790: SP, MY, TW, KR, CH)		Q503	6-702-391-01	IC MP1620-OPY-MK	
201	A-4733-568-A	MAIN BOARD, COMPLETE (DB790: AEP, UK, AUS)		Q552	6-702-390-01	IC MN2488-OPY-MK	
Q402	6-702-390-01	IC MN2488-OPY-MK		Q553	6-702-391-01	IC MP1620-OPY-MK	
Q403	6-702-391-01	IC MP1620-OPY-MK		Q602	6-702-390-01	IC MN2488-OPY-MK	
Q452	6-702-390-01	IC MN2488-OPY-MK		Q603	6-702-391-01	IC MP1620-OPY-MK	
Q453	6-702-391-01	IC MP1620-OPY-MK		Q652	6-702-390-01	IC MN2488-OPY-MK	
				Q653	6-702-391-01	IC MP1620-OPY-MK	

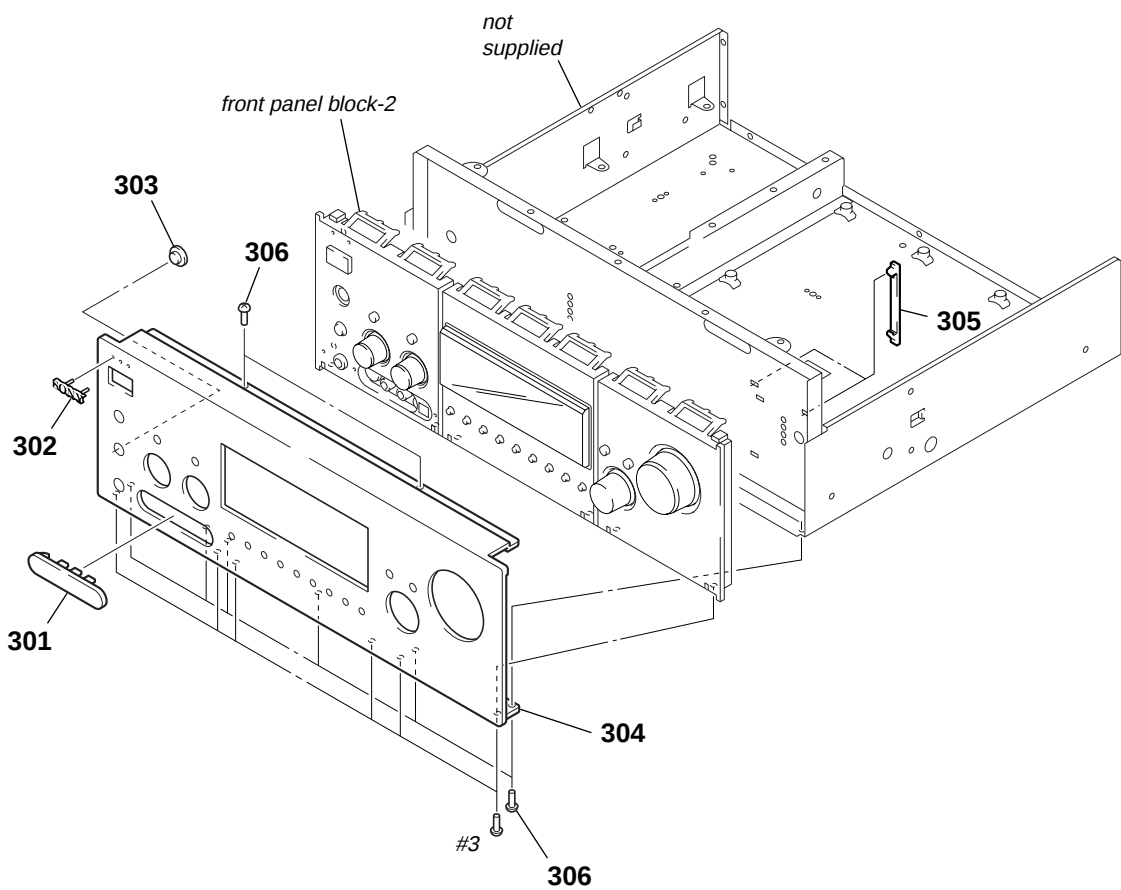
7-6. CHASSIS SECTION-3



The components identified by mark $\triangle$ or dotted line with mark $\triangle$ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque $\triangle$ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 $\triangle$ 标志来识别的零部件，在安全方面具有关键性。因此只能以规定号码的零部件来更换。
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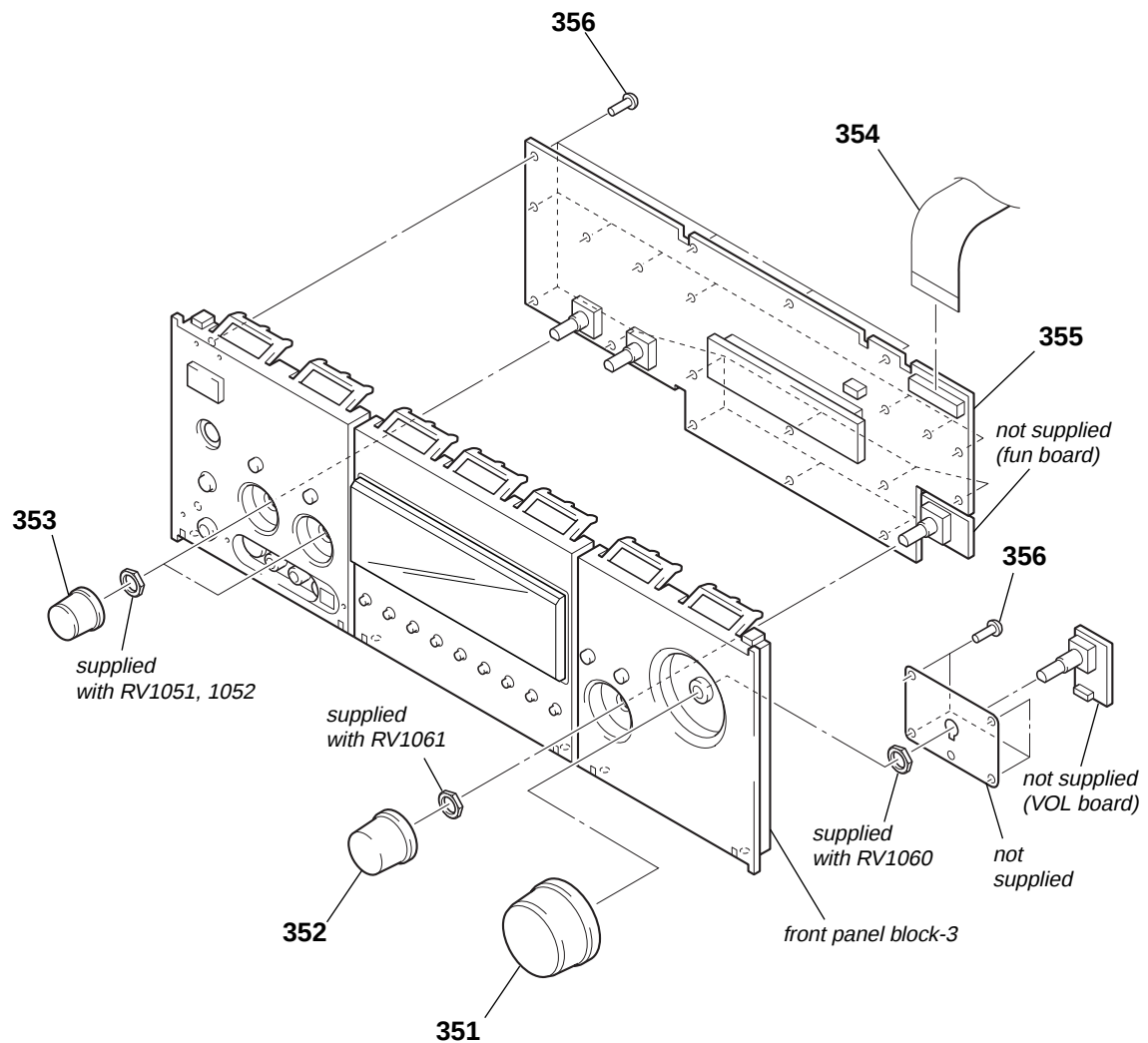
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
251	1-689-176-11	SEC3 BOARD		$\triangle$ F903	1-532-504-51	FUSE (4A/250V) (DB790)	
252	1-689-173-11	PRI BOARD		$\triangle$ F903	1-576-108-11	FUSE (4A/125V) (DA1000ES)	
253	1-689-174-11	SEC1 BOARD		$\triangle$ F904	1-532-504-51	FUSE (4A/250V) (DB790)	
254	1-688-632-11	AC BOARD		$\triangle$ F904	1-576-108-11	FUSE (4A/125V) (DA1000ES)	
255	1-688-633-11	DC1 BOARD		$\triangle$ T901	1-439-800-11	TRANSFORMER, POWER (DB790: CH)	
$\triangle$ F1	1-532-504-51	FUSE (4A/250V) (DB790: AEP, UK, SP, MY, KR, AUS, CH)		$\triangle$ T901	1-439-801-11	TRANSFORMER, POWER (DB790: TW)	
$\triangle$ F1	1-533-312-11	FUSE, GLASS CYLINDRICAL (DIA.5) (10A/125V) (DA1000ES/DB790: TW)		$\triangle$ T901	1-439-802-11	TRANSFORMER, POWER (DA1000ES)	
$\triangle$ F2	1-532-464-51	FUSE (T2.5AL/250V) (DB790: SP, MY)		$\triangle$ T901	1-439-803-11	TRANSFORMER, POWER (DB790: AEP, UK, SP, MY, KR, AUS)	
$\triangle$ F2	1-533-312-11	FUSE, GLASS CYLINDRICAL (DIA.5) (10A/125V) (DA1000ES)		#3	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
				#4	7-685-881-09	SCREW +BVTT 4X8 (S)	

7-7. FRONT PANEL BLOCK-1



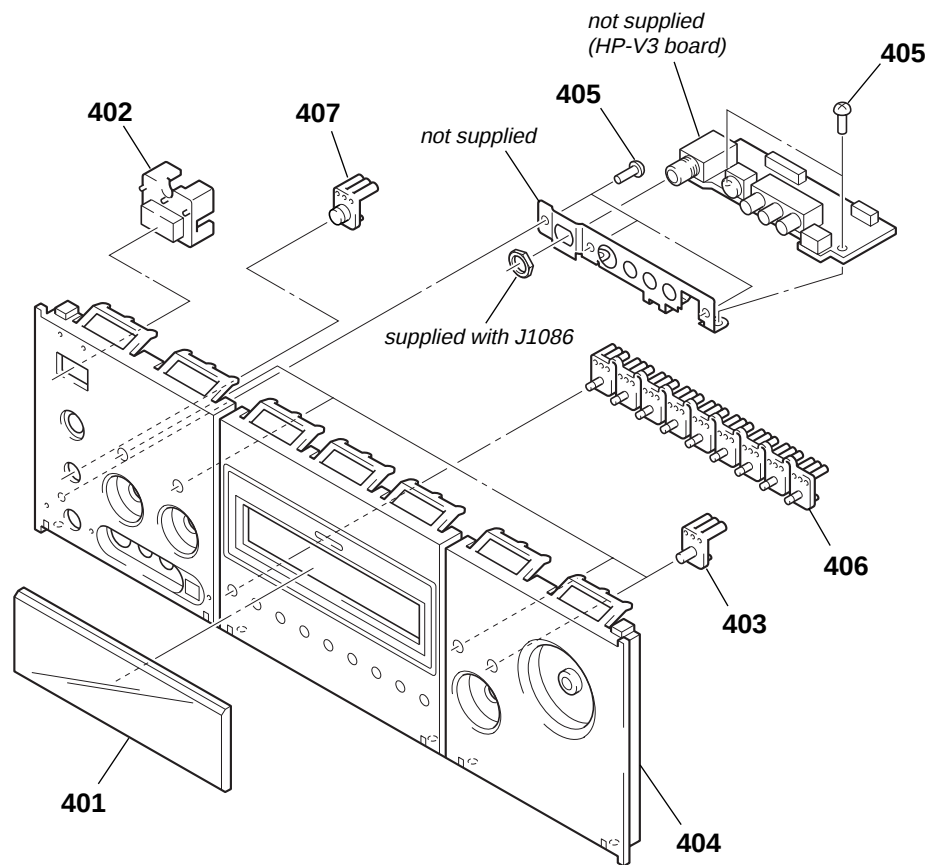
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
301	X-4955-963-2	LID ASSY (BLACK)		304	4-245-444-11	PANEL, FRONT (DB790: SILVER)	
301	X-4955-967-1	LID ASSY (GOLD)		304	4-245-444-21	PANEL, FRONT (DB790: GOLD)	
301	X-4955-968-2	LID ASSY (SILVER)		304	4-245-444-31	PANEL, FRONT (DA1000ES)	
302	4-240-858-01	EMBLEM (5-A), SONY (BLACK)		305	3-064-084-01	CLAMP (FCR-60), FLAT	
302	4-240-858-11	EMBLEM (5-A), SONY (GOLD)		306	3-704-515-21	SCREW (BV/RING) (BLACK)	
302	4-240-858-21	EMBLEM (5-A), SONY (SILVER)		306	3-704-515-31	SCREW (BV/RING) (SILVER, GOLD)	
303	X-4953-000-1	WINDOW ASSY, REMOTE CONTROL		#3	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
304	4-245-444-01	PANEL, FRONT (DB790: BLACK)					

7-8. FRONT PANEL BLOCK-2



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
351	4-240-507-01	KNOB (VOL) (BLACK)		353	4-245-437-01	KNOB (MENU) (BLACK)	
351	X-4953-671-1	KNOB (VOL-E) ASSY (GOLD)		353	4-245-437-21	KNOB (MENU) (GOLD)	
351	X-4953-672-1	KNOB (VOL-E) ASSY (SILVER)		353	4-245-437-31	KNOB (MENU) (SILVER)	
352	4-232-569-01	KNOB (FN DE9) (BLACK)		354	1-773-270-11	WIRE (FLAT TYPE) (27 CORE)	
352	4-232-569-11	KNOB (FN DE9) (GOLD)		355	A-4733-524-A	DISPLAY BOARD, COMPLETE	
352	4-232-569-21	KNOB (FN DE9) (SILVER)		356	4-951-620-01	SCREW (2.6X8), +BVTP	

7-9. FRONT PANEL BLOCK-3



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
401	4-245-438-01	PLATE, INDICATION (BLACK)		404	4-245-430-11	BASE, PANEL (SILVER)	
401	4-245-438-11	PLATE, INDICATION (SILVER)		404	4-245-430-21	BASE, PANEL (GOLD)	
402	4-998-592-01	BUTTON (POWER) (BLACK)		405	4-951-620-01	SCREW (2.6X8), +BVTP	
402	4-998-592-12	BUTTON (POWER) (GOLD)		406	4-245-435-01	BUTTON (MODE) (BLACK)	
402	4-998-592-31	BUTTON (POWER) (SILVER)		406	4-245-435-21	BUTTON (MODE) (GOLD)	
403	4-245-436-01	BUTTON (MENU) (BLACK)		406	4-245-435-31	BUTTON (MODE) (SILVER)	
403	4-245-436-21	BUTTON (MENU) (GOLD)		407	4-245-434-01	BUTTON (SP) (BLACK)	
403	4-245-436-31	BUTTON (MENU) (SILVER)		407	4-245-434-21	BUTTON (SP) (GOLD)	
404	4-245-430-01	BASE, PANEL (BLACK)		407	4-245-434-31	BUTTON (SP) (SILVER)	

SECTION 8
ELECTRICAL PARTS LIST

4/8 SW

A-CLASS

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
- Abbreviation
AUS : Australian model KR : Korean model SP : Singapore model
CND : Canadian model MY : Malaysia model TW : Taiwan model
CH : Chinese model
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
In each case, u: μ , for example:
uA. . : μ A. . uPA. . : μ PA. .
uPB. . : μ PB. . uPC. . : μ PC. .
uPD. . : μ PD. .
- CAPACITORS
uF: μ F
- COILS
uH: μ H

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

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

以阴影和 $\triangle$ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

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

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		4/8 SW BOARD *****		C2102	1-128-869-11	ELECT 22uF 20% 63V (DB790: SP, MY, TW, KR, CH)	
		< CONNECTOR >		C2102	1-135-768-11	ELECT 22uF 63V (DB790: AEP, UK, AUS)	
* CN901	1-564-242-00	PIN, CONNECTOR (3.96mm PITCH) 5P		C2104	1-126-934-11	ELECT 220uF 20% 16V (DA1000ES)	
CN902	1-785-101-11	PIN, CONNECTOR (3.96mm PITCH) 3P					
		< SWITCH >		C2104	1-127-719-11	ELECT 220uF 20% 16V (DB790: SP, MY, TW, KR, CH)	
S901	1-771-876-11	SWITCH, POWER (IMPEDANCE SELECTOR)		C2104	1-135-710-11	ELECT 220uF 16V (DB790: AEP, UK, AUS)	
*****				C2105	1-126-940-11	ELECT 330uF 20% 25V (DA1000ES)	
	A-4733-467-A	A-CLASS BOARD, COMPLETE (DB790: AEP, UK, AUS)		C2105	1-128-846-11	ELECT 330uF 20% 25V (DB790: SP, MY, TW, KR, CH)	
	A-4733-513-A	A-CLASS BOARD, COMPLETE (DA1000ES)		C2105	1-135-683-11	ELECT 330uF 25V (DB790: AEP, UK, AUS)	
	A-4733-539-A	A-CLASS BOARD, COMPLETE (DB790: SP, MY, TW, KR, CH)					
		*****		C2106	1-102-230-00	CERAMIC 4PF 0.25PF 500V	
		< CAPACITOR >		C2107	1-102-233-00	CERAMIC 33PF 10% 500V	
				C2108	1-137-383-11	MYLAR 220PF 5% 100V	
C2001	1-137-505-11	FILM 220PF 5% 100V		C2109	1-137-389-11	MYLAR 0.0022uF 5% 100V	
C2002	1-128-551-11	ELECT 22uF 20% 63V (DA1000ES)		C2110	1-137-389-11	MYLAR 0.0022uF 5% 100V	
C2002	1-128-869-11	ELECT 22uF 20% 63V (DB790: SP, MY, TW, KR, CH)		C2201	1-137-505-11	FILM 220PF 5% 100V	
C2002	1-135-768-11	ELECT 22uF 63V (DB790: AEP, UK, AUS)		C2202	1-128-551-11	ELECT 22uF 20% 63V (DA1000ES)	
C2004	1-126-934-11	ELECT 220uF 20% 16V (DA1000ES)		C2202	1-128-869-11	ELECT 22uF 20% 63V (DB790: SP, MY, TW, KR, CH)	
C2004	1-127-719-11	ELECT 220uF 20% 16V (DB790: SP, MY, TW, KR, CH)		C2202	1-135-768-11	ELECT 22uF 63V (DB790: AEP, UK, AUS)	
C2004	1-135-710-11	ELECT 220uF 16V (DB790: AEP, UK, AUS)		C2204	1-126-934-11	ELECT 220uF 20% 16V (DA1000ES)	
C2005	1-126-940-11	ELECT 330uF 20% 25V (DA1000ES)		C2204	1-127-719-11	ELECT 220uF 20% 16V (DB790: SP, MY, TW, KR, CH)	
C2005	1-128-846-11	ELECT 330uF 20% 25V (DB790: SP, MY, TW, KR, CH)		C2204	1-135-710-11	ELECT 220uF 16V (DB790: AEP, UK, AUS)	
C2005	1-135-683-11	ELECT 330uF 25V (DB790: AEP, UK, AUS)		C2205	1-126-940-11	ELECT 330uF 20% 25V (DA1000ES)	
C2006	1-102-230-00	CERAMIC 4PF 0.25PF 500V		C2205	1-128-846-11	ELECT 330uF 20% 25V (DB790: SP, MY, TW, KR, CH)	
C2007	1-102-233-00	CERAMIC 33PF 10% 500V		C2205	1-135-683-11	ELECT 330uF 25V (DB790: AEP, UK, AUS)	
C2008	1-137-383-11	MYLAR 220PF 5% 100V					
C2009	1-137-389-11	MYLAR 0.0022uF 5% 100V		C2206	1-102-230-00	CERAMIC 4PF 0.25PF 500V	
C2010	1-137-389-11	MYLAR 0.0022uF 5% 100V		C2207	1-102-233-00	CERAMIC 33PF 10% 500V	
C2101	1-137-505-11	FILM 220PF 5% 100V		C2208	1-137-383-11	MYLAR 220PF 5% 100V	
C2102	1-128-551-11	ELECT 22uF 20% 63V (DA1000ES)		C2209	1-137-389-11	MYLAR 0.0022uF 5% 100V	
				C2210	1-137-389-11	MYLAR 0.0022uF 5% 100V	
				C2301	1-137-505-11	FILM 220PF 5% 100V	

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Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C2302	1-128-551-11	ELECT	22uF	20%	63V (DA1000ES)	C2505	1-128-846-11	ELECT	330uF	20%	25V (DB790: SP, MY, TW, KR, CH)
C2302	1-128-869-11	ELECT	22uF	20%	63V (DB790: SP, MY, TW, KR, CH)	C2505	1-135-683-11	ELECT	330uF	25V	(DB790: AEP, UK, AUS)
C2302	1-135-768-11	ELECT	22uF		63V (DB790: AEP, UK, AUS)	C2506	1-102-230-00	CERAMIC	4PF	0.25PF	500V
C2304	1-126-934-11	ELECT	220uF	20%	16V (DA1000ES)	C2507	1-102-233-00	CERAMIC	33PF	10%	500V
C2304	1-127-719-11	ELECT	220uF	20%	16V (DB790: SP, MY, TW, KR, CH)	C2508	1-137-383-11	MYLAR	220PF	5%	100V
C2304	1-135-710-11	ELECT	220uF		16V (DB790: AEP, UK, AUS)	C2509	1-137-389-11	MYLAR	0.0022uF	5%	100V
C2305	1-126-940-11	ELECT	330uF	20%	25V (DA1000ES)	C2510	1-137-389-11	MYLAR	0.0022uF	5%	100V
C2305	1-128-846-11	ELECT	330uF	20%	25V (DB790: SP, MY, TW, KR, CH)	C2601	1-128-562-11	ELECT	47uF	20%	100V (DA1000ES)
C2305	1-135-683-11	ELECT	330uF		25V (DB790: AEP, UK, AUS)	C2601	1-135-729-51	ELECT	47uF		100V (DB790)
C2306	1-102-230-00	CERAMIC	4PF	0.25PF	500V	C2602	1-128-562-11	ELECT	47uF	20%	100V (DA1000ES)
C2307	1-102-233-00	CERAMIC	33PF	10%	500V	C2602	1-135-729-51	ELECT	47uF		100V (DB790)
C2308	1-137-383-11	MYLAR	220PF	5%	100V	C2603	1-128-581-11	ELECT	4.7uF	20%	100V (DA1000ES)
C2309	1-137-389-11	MYLAR	0.0022uF	5%	100V	C2603	1-128-881-11	ELECT	4.7uF	20%	100V (DB790: SP, MY, TW, KR, CH)
C2310	1-137-389-11	MYLAR	0.0022uF	5%	100V	C2603	1-135-723-11	ELECT	4.7uF		100V (DB790: AEP, UK, AUS)
C2401	1-137-505-11	FILM	220PF	5%	100V	C2605	1-128-560-11	ELECT	22uF	20%	100V (DA1000ES)
C2402	1-128-551-11	ELECT	22uF	20%	63V (DA1000ES)	C2605	1-128-883-11	ELECT	22uF	20%	100V (DB790: SP, MY, TW, KR, CH)
C2402	1-128-869-11	ELECT	22uF	20%	63V (DB790: SP, MY, TW, KR, CH)	C2605	1-135-727-11	ELECT	22uF		100V (DB790: AEP, UK, AUS)
C2402	1-135-768-11	ELECT	22uF		63V (DB790: AEP, UK, AUS)	C2606	1-128-560-11	ELECT	22uF	20%	100V (DA1000ES)
C2404	1-126-934-11	ELECT	220uF	20%	16V (DA1000ES)	C2606	1-128-883-11	ELECT	22uF	20%	100V (DB790: SP, MY, TW, KR, CH)
C2404	1-127-719-11	ELECT	220uF	20%	16V (DB790: SP, MY, TW, KR, CH)	C2606	1-135-727-11	ELECT	22uF		100V (DB790: AEP, UK, AUS)
C2404	1-135-710-11	ELECT	220uF		16V (DB790: AEP, UK, AUS)	< CONNECTOR >					
C2405	1-126-940-11	ELECT	330uF	20%	25V (DA1000ES)	CN2001	1-770-412-11	CONNECTOR, BOARD TO BOARD 6P			
C2405	1-128-846-11	ELECT	330uF	20%	25V (DB790: SP, MY, TW, KR, CH)	CN2002	1-770-412-11	CONNECTOR, BOARD TO BOARD 6P			
C2405	1-135-683-11	ELECT	330uF		25V (DB790: AEP, UK, AUS)	CN2003	1-778-226-21	CONNECTOR, BOARD TO BOARD 6P			
C2406	1-102-230-00	CERAMIC	4PF	0.25PF	500V	CN2004	1-778-226-21	CONNECTOR, BOARD TO BOARD 6P			
C2407	1-102-233-00	CERAMIC	33PF	10%	500V	CN2005	1-770-010-21	CONNECTOR, BOARD TO BOARD 4P			
C2408	1-137-383-11	MYLAR	220PF	5%	100V	CN2101	1-770-407-11	CONNECTOR, BOARD TO BOARD 12P			
C2409	1-137-389-11	MYLAR	0.0022uF	5%	100V	CN2201	1-770-412-11	CONNECTOR, BOARD TO BOARD 6P			
C2410	1-137-389-11	MYLAR	0.0022uF	5%	100V	CN2301	1-770-406-11	CONNECTOR, BOARD TO BOARD 10P			
C2501	1-137-505-11	FILM	220PF	5%	100V	CN2401	1-770-407-11	CONNECTOR, BOARD TO BOARD 12P			
C2502	1-128-551-11	ELECT	22uF	20%	63V (DA1000ES)	< DIODE >					
C2502	1-128-869-11	ELECT	22uF	20%	63V (DB790: SP, MY, TW, KR, CH)	D2001	8-719-109-89	DIODE	RD5.6ESB2		
C2502	1-135-768-11	ELECT	22uF		63V (DB790: AEP, UK, AUS)	D2101	8-719-109-89	DIODE	RD5.6ESB2		
C2504	1-126-934-11	ELECT	220uF	20%	16V (DA1000ES)	D2201	8-719-109-89	DIODE	RD5.6ESB2		
C2504	1-127-719-11	ELECT	220uF	20%	16V (DB790: SP, MY, TW, KR, CH)	D2301	8-719-109-89	DIODE	RD5.6ESB2		
C2504	1-135-710-11	ELECT	220uF		16V (DB790: AEP, UK, AUS)	D2401	8-719-109-89	DIODE	RD5.6ESB2		
C2505	1-126-940-11	ELECT	330uF	20%	25V (DA1000ES)	D2501	8-719-109-89	DIODE	RD5.6ESB2		
						D2601	8-719-947-84	DIODE	MTZJ-T-72-24D		
						D2603	8-719-991-33	DIODE	1SS133T-77		
						D2604	8-719-991-33	DIODE	1SS133T-77		
						< TRANSISTOR >					
						Q2001	8-729-045-15	TRANSISTOR	2SC5169-FG		

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Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
Q2003	8-729-119-78	TRANSISTOR	2SC2785-HFE			R2108	1-247-843-11	CARBON	3.3K	5%	1/4W
Q2004	8-729-199-22	TRANSISTOR	2SA992-FA			R2109	1-249-560-31	CARBON	2.2K	5%	1/4W
Q2005	8-729-021-74	TRANSISTOR	2SA949-OY			R2110	1-249-594-31	CARBON	56K	5%	1/4W
Q2006	8-729-021-73	TRANSISTOR	2SC2229-OY			R2111	1-249-441-11	CARBON	100K	5%	1/4W
Q2101	8-729-045-15	TRANSISTOR	2SC5169-FG			R2112	1-249-441-11	CARBON	100K	5%	1/4W
Q2103	8-729-119-78	TRANSISTOR	2SC2785-HFE			△ R2113	1-249-413-11	CARBON	470	5%	1/4W F
Q2104	8-729-199-22	TRANSISTOR	2SA992-FA			△ R2114	1-249-406-11	CARBON	120	5%	1/4W F
Q2105	8-729-021-74	TRANSISTOR	2SA949-OY			△ R2115	1-249-406-11	CARBON	120	5%	1/4W F
Q2106	8-729-021-73	TRANSISTOR	2SC2229-OY			R2116	1-249-435-11	CARBON	33K	5%	1/4W
Q2201	8-729-045-15	TRANSISTOR	2SC5169-FG			R2119	1-249-407-11	CARBON	150	5%	1/4W
Q2203	8-729-119-78	TRANSISTOR	2SC2785-HFE			R2201	1-249-417-11	CARBON	1K	5%	1/4W
Q2204	8-729-199-22	TRANSISTOR	2SA992-FA			R2202	1-249-438-11	CARBON	56K	5%	1/4W
Q2205	8-729-021-74	TRANSISTOR	2SA949-OY			R2203	1-249-411-11	CARBON	330	5%	1/4W
Q2206	8-729-021-73	TRANSISTOR	2SC2229-OY			R2204	1-249-418-11	CARBON	1.2K	5%	1/4W
Q2301	8-729-045-15	TRANSISTOR	2SC5169-FG			R2205	1-249-425-11	CARBON	4.7K	5%	1/4W
Q2303	8-729-119-78	TRANSISTOR	2SC2785-HFE			R2206	1-249-418-11	CARBON	1.2K	5%	1/4W
Q2304	8-729-199-22	TRANSISTOR	2SA992-FA			R2207	1-249-414-11	CARBON	560	5%	1/4W
Q2305	8-729-021-74	TRANSISTOR	2SA949-OY			R2208	1-247-843-11	CARBON	3.3K	5%	1/4W
Q2306	8-729-021-73	TRANSISTOR	2SC2229-OY			R2209	1-249-560-31	CARBON	2.2K	5%	1/4W
Q2401	8-729-045-15	TRANSISTOR	2SC5169-FG			R2210	1-249-594-31	CARBON	56K	5%	1/4W
Q2403	8-729-119-78	TRANSISTOR	2SC2785-HFE			R2211	1-249-441-11	CARBON	100K	5%	1/4W
Q2404	8-729-199-22	TRANSISTOR	2SA992-FA			R2212	1-249-441-11	CARBON	100K	5%	1/4W
Q2405	8-729-021-74	TRANSISTOR	2SA949-OY			△ R2213	1-249-413-11	CARBON	470	5%	1/4W F
Q2406	8-729-021-73	TRANSISTOR	2SC2229-OY			△ R2214	1-249-406-11	CARBON	120	5%	1/4W F
Q2501	8-729-045-15	TRANSISTOR	2SC5169-FG			△ R2215	1-249-406-11	CARBON	120	5%	1/4W F
Q2503	8-729-119-78	TRANSISTOR	2SC2785-HFE			R2216	1-249-435-11	CARBON	33K	5%	1/4W
Q2504	8-729-199-22	TRANSISTOR	2SA992-FA			R2219	1-249-407-11	CARBON	150	5%	1/4W
Q2505	8-729-021-74	TRANSISTOR	2SA949-OY			R2301	1-249-417-11	CARBON	1K	5%	1/4W
Q2506	8-729-021-73	TRANSISTOR	2SC2229-OY			R2302	1-249-438-11	CARBON	56K	5%	1/4W
Q2601	8-729-021-82	TRANSISTOR	2SD2396K			R2303	1-249-411-11	CARBON	330	5%	1/4W
Q2602	8-729-024-93	TRANSISTOR	2SB1565E			R2304	1-249-418-11	CARBON	1.2K	5%	1/4W
Q2603	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA			R2305	1-249-425-11	CARBON	4.7K	5%	1/4W
< RESISTOR >						R2306	1-249-418-11	CARBON	1.2K	5%	1/4W
R2001	1-249-417-11	CARBON	1K	5%	1/4W	R2307	1-249-414-11	CARBON	560	5%	1/4W
R2002	1-249-438-11	CARBON	56K	5%	1/4W	R2308	1-247-843-11	CARBON	3.3K	5%	1/4W
R2003	1-249-411-11	CARBON	330	5%	1/4W	R2309	1-249-560-31	CARBON	2.2K	5%	1/4W
R2004	1-249-418-11	CARBON	1.2K	5%	1/4W	R2310	1-249-594-31	CARBON	56K	5%	1/4W
R2005	1-249-425-11	CARBON	4.7K	5%	1/4W	R2311	1-249-441-11	CARBON	100K	5%	1/4W
R2006	1-249-418-11	CARBON	1.2K	5%	1/4W	R2312	1-249-441-11	CARBON	100K	5%	1/4W
R2007	1-249-414-11	CARBON	560	5%	1/4W	△ R2313	1-249-413-11	CARBON	470	5%	1/4W F
R2008	1-247-843-11	CARBON	3.3K	5%	1/4W	△ R2314	1-249-406-11	CARBON	120	5%	1/4W F
R2009	1-249-560-31	CARBON	2.2K	5%	1/4W	△ R2315	1-249-406-11	CARBON	120	5%	1/4W F
R2010	1-249-594-31	CARBON	56K	5%	1/4W	R2316	1-249-435-11	CARBON	33K	5%	1/4W
R2011	1-249-441-11	CARBON	100K	5%	1/4W	R2319	1-249-407-11	CARBON	150	5%	1/4W
R2012	1-249-441-11	CARBON	100K	5%	1/4W	R2401	1-249-417-11	CARBON	1K	5%	1/4W
△ R2013	1-249-413-11	CARBON	470	5%	1/4W F	R2402	1-249-438-11	CARBON	56K	5%	1/4W
△ R2014	1-249-406-11	CARBON	120	5%	1/4W F	R2403	1-249-411-11	CARBON	330	5%	1/4W
△ R2015	1-249-406-11	CARBON	120	5%	1/4W F	R2404	1-249-418-11	CARBON	1.2K	5%	1/4W
R2016	1-249-435-11	CARBON	33K	5%	1/4W	R2405	1-249-425-11	CARBON	4.7K	5%	1/4W
R2019	1-249-407-11	CARBON	150	5%	1/4W	R2406	1-249-418-11	CARBON	1.2K	5%	1/4W
R2101	1-249-417-11	CARBON	1K	5%	1/4W	R2407	1-249-414-11	CARBON	560	5%	1/4W
R2102	1-249-438-11	CARBON	56K	5%	1/4W	R2408	1-247-843-11	CARBON	3.3K	5%	1/4W
R2103	1-249-411-11	CARBON	330	5%	1/4W	R2409	1-249-560-31	CARBON	2.2K	5%	1/4W
R2104	1-249-418-11	CARBON	1.2K	5%	1/4W	R2410	1-249-594-31	CARBON	56K	5%	1/4W
R2105	1-249-425-11	CARBON	4.7K	5%	1/4W	R2411	1-249-441-11	CARBON	100K	5%	1/4W
R2106	1-249-418-11	CARBON	1.2K	5%	1/4W	R2412	1-249-441-11	CARBON	100K	5%	1/4W
R2107	1-249-414-11	CARBON	560	5%	1/4W	△ R2413	1-249-413-11	CARBON	470	5%	1/4W F

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

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

以阴影和 △ 标志来识别的零部件，在安全方面具有关键性。因此只能以规定号码的零部件来更换。

STR-DA1000ES/DB790
Ver 1.1

A-CLASS AC AU-IN

Ref. No.	Part No.	Description	Remark		
△ R2414	1-249-406-11	CARBON	120	5%	1/4W F
△ R2415	1-249-406-11	CARBON	120	5%	1/4W F
R2416	1-249-435-11	CARBON	33K	5%	1/4W
R2419	1-249-407-11	CARBON	150	5%	1/4W
R2501	1-249-417-11	CARBON	1K	5%	1/4W
R2502	1-249-438-11	CARBON	56K	5%	1/4W
R2503	1-249-411-11	CARBON	330	5%	1/4W
R2504	1-249-418-11	CARBON	1.2K	5%	1/4W
R2505	1-249-425-11	CARBON	4.7K	5%	1/4W
R2506	1-249-418-11	CARBON	1.2K	5%	1/4W
R2507	1-249-414-11	CARBON	560	5%	1/4W
R2508	1-247-843-11	CARBON	3.3K	5%	1/4W
R2509	1-249-560-31	CARBON	2.2K	5%	1/4W
R2510	1-249-594-31	CARBON	56K	5%	1/4W
R2511	1-249-441-11	CARBON	100K	5%	1/4W
R2512	1-249-441-11	CARBON	100K	5%	1/4W
△ R2513	1-249-413-11	CARBON	470	5%	1/4W F
△ R2514	1-249-406-11	CARBON	120	5%	1/4W F
△ R2515	1-249-406-11	CARBON	120	5%	1/4W F
R2516	1-249-435-11	CARBON	33K	5%	1/4W
R2519	1-249-407-11	CARBON	150	5%	1/4W
△ R2601	1-215-873-81	METAL OXIDE	4.7K	5%	1W F
△ R2602	1-260-107-11	CARBON	4.7K	5%	1/2W F
△ R2603	1-249-381-11	CARBON	1	5%	1/4W F
△ R2604	1-249-381-11	CARBON	1	5%	1/4W F
R2605	1-249-413-11	CARBON	470	5%	1/4W
R2606	1-249-413-11	CARBON	470	5%	1/4W
R2607	1-247-883-00	CARBON	150K	5%	1/4W
R2610	1-249-429-11	CARBON	10K	5%	1/4W

	1-688-632-11	AC BOARD	*****		
< CAPACITOR >					
△ C3	1-117-703-11	CERAMIC	0.0047uF	99%	250V (DB790)
C52	1-136-287-11	FILM	0.0047uF	5%	100V
C53	1-137-465-11	MYLAR	0.056uF	5%	100V
C54	1-126-768-11	ELECT	2200uF	20%	16V
C55	1-126-960-11	ELECT	1uF	20%	50V
C56	1-128-817-11	CERAMIC	470PF	5%	50V
< CONNECTOR >					
* CN1	1-565-792-11	PIN, CONNECTOR (3.96mm PITCH) 2P			
CN2	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P			
CN51	1-778-227-41	CONNECTOR, BOARD TO BOARD 6P			
< JACK >					
△ CNJ1	1-785-285-11	OUTLET, AC (1P) (AC OUTLET) (DB790: SP, MY)			
△ CNJ1	1-785-834-11	OUTLET (1P) (AC OUTLET) (DA1000ES/DB790: TW)			
< DIODE >					
D51	8-719-991-33	DIODE	1SS133T-77		
D52	8-719-991-33	DIODE	1SS133T-77		
D53	8-719-991-33	DIODE	1SS133T-77		
D54	8-719-210-21	DIODE	11EQS04		

Ref. No.	Part No.	Description	Remark		
D55	8-719-210-21	DIODE 11EQS04			
D56	8-719-210-21	DIODE 11EQS04			
D57	8-719-210-21	DIODE 11EQS04			
< TRANSISTOR >					
Q51	8-729-119-78	TRANSISTOR	2SC2785-HFE		
Q52	8-729-201-53	TRANSISTOR	2SA1015-GR		
Q53	8-729-116-02	TRANSISTOR	BA1A4M-TP		
Q54	8-729-119-79	TRANSISTOR	2SC2785-FEK		
Q55	8-729-116-02	TRANSISTOR	BA1A4M-TP		
< RESISTOR >					
△ R1	1-219-237-11	SOLID	3.3M	20%	1/2W (DA1000ES)
R51	1-249-421-11	CARBON	2.2K	5%	1/4W
R52	1-249-429-11	CARBON	10K	5%	1/4W
R53	1-249-415-11	CARBON	680	5%	1/4W
R54	1-249-437-11	CARBON	47K	5%	1/4W
R55	1-249-435-11	CARBON	33K	5%	1/4W
R56	1-249-429-11	CARBON	10K	5%	1/4W
R57	1-249-429-11	CARBON	10K	5%	1/4W
R59	1-249-441-11	CARBON	100K	5%	1/4W
R60	1-249-429-11	CARBON	10K	5%	1/4W
R61	1-249-435-11	CARBON	33K	5%	1/4W
< RELAY >					
△ RY1	1-755-298-11	RELAY			
< TRANSFORMER >					
△ T2	1-435-281-11	TRANSFORMER, POWER (DA1000ES)			
△ T2	1-435-282-11	TRANSFORMER, POWER (DB790: AEP, UK, SP, MY, KR, AUS, CH)			
△ T2	1-435-563-11	TRANSFORMER, POWER (DB790: TW)			

A-4733-528-A AU-IN BOARD, COMPLETE (DA1000ES)					
A-4733-548-A AU-IN BOARD, COMPLETE (DB790: SP, MY, TW, KR, CH)					
A-4733-570-A AU-IN BOARD, COMPLETE (DB790: AEP, UK, AUS)					

< CAPACITOR >					
C107	1-128-825-11	CERAMIC	2200PF	5%	50V
C110	1-126-933-11	ELECT	100uF	20%	16V (DA1000ES)
C110	1-127-718-11	ELECT	100uF	20%	16V (DB790: SP, MY, TW, KR, CH)
C110	1-135-681-11	ELECT	100uF	25V	(DB790: AEP, UK, AUS)
C111	1-126-933-11	ELECT	100uF	20%	16V (DA1000ES)
C111	1-127-718-11	ELECT	100uF	20%	16V (DB790: SP, MY, TW, KR, CH)
C111	1-135-681-11	ELECT	100uF	25V	(DB790: AEP, UK, AUS)
C112	1-126-933-11	ELECT	100uF	20%	16V (DA1000ES)
C112	1-127-718-11	ELECT	100uF	20%	16V (DB790: SP, MY, TW, KR, CH)

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 △ 标志来识别的零部件，在安全方面具有关键性。因此只能以规定号码的零部件来更换。
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Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C112	1-135-681-11	ELECT	100uF	25V	(DB790: AEP, UK, AUS)	C171	1-126-933-11	ELECT	100uF	20%	16V
C113	1-126-933-11	ELECT	100uF	20%	16V (DA1000ES)	C171	1-127-718-11	ELECT	100uF	20%	16V
C113	1-127-718-11	ELECT	100uF	20%	16V (DB790: SP, MY, TW, KR, CH)	C171	1-135-681-11	ELECT	100uF	25V	(DB790: AEP, UK, AUS)
C113	1-135-681-11	ELECT	100uF	25V	(DB790: AEP, UK, AUS)	C174	1-127-876-11	CERAMIC	0.01uF	10%	50V
C114	1-126-933-11	ELECT	100uF	20%	16V (DA1000ES)	C175	1-128-809-11	CERAMIC	100PF	5%	50V
C114	1-127-718-11	ELECT	100uF	20%	16V (DB790: SP, MY, TW, KR, CH)	C181	1-126-933-11	ELECT	100uF	20%	16V
C114	1-135-681-11	ELECT	100uF	25V	(DB790: AEP, UK, AUS)	C181	1-127-718-11	ELECT	100uF	20%	16V
C115	1-126-933-11	ELECT	100uF	20%	16V (DA1000ES)	C181	1-135-681-11	ELECT	100uF	25V	(DB790: SP, MY, TW, KR, CH)
C115	1-127-718-11	ELECT	100uF	20%	16V (DB790: SP, MY, TW, KR, CH)			< CONNECTOR >			
C115	1-135-681-11	ELECT	100uF	25V	(DB790: AEP, UK, AUS)	CN102	1-764-867-41	CONNECTOR, BOARD TO BOARD 20P			
C120	1-127-876-11	CERAMIC	0.01uF	10%	50V	CN103	1-764-867-41	CONNECTOR, BOARD TO BOARD 20P			
C121	1-127-880-11	CERAMIC	0.022uF	10%	50V	CN104	1-770-011-41	CONNECTOR, BOARD TO BOARD 4P			
C122	1-127-880-11	CERAMIC	0.022uF	10%	50V			< IC >			
C123	1-128-809-11	CERAMIC	100PF	5%	50V	IC101	6-703-975-01	IC TC9274N-017			
C131	1-128-809-11	CERAMIC	100PF	5%	50V (DB790)	IC110	8-759-167-88	IC NJM4565D			
C132	1-128-809-11	CERAMIC	100PF	5%	50V (DB790)	IC111	8-759-167-88	IC NJM4565D			
C133	1-128-813-11	CERAMIC	220PF	5%	50V (DB790)	IC112	8-759-167-88	IC NJM4565D			
C134	1-128-813-11	CERAMIC	220PF	5%	50V (DB790)	IC131	8-759-636-74	IC M5218AP-22			
C135	1-119-821-11	ELECT	2.2uF	20%	50V (DB790)	IC171	8-759-167-88	IC NJM4565D			
C135	1-126-961-11	ELECT	2.2uF	20%	50V (DA1000ES)	IC172	8-759-167-88	IC NJM4565D			
C136	1-119-821-11	ELECT	2.2uF	20%	50V (DB790)	IC173	8-759-590-10	IC TC9273F-012 (EL)			
C136	1-126-961-11	ELECT	2.2uF	20%	50V (DA1000ES)			< JACK >			
C137	1-128-809-11	CERAMIC	100PF	5%	50V	J101	1-793-345-11	JACK, PIN 6P (ANALOG MULTI CH IN FRONT, SURR, CENTER, SUB WOOFER)			
C138	1-128-809-11	CERAMIC	100PF	5%	50V	J131	1-695-188-31	JACK, PIN 4P (ANALOG MD/TAPE OUT, CD/SACD IN)			
C139	1-126-934-11	ELECT	220uF	20%	16V (DA1000ES)	J151	1-695-188-31	JACK, PIN 4P (ANALOG PHONO IN, MD/TAPE IN)			
C139	1-128-832-11	ELECT	220uF	20%	10V (DB790)			< RESISTOR >			
C140	1-126-934-11	ELECT	220uF	20%	16V (DA1000ES)	R101	1-249-417-11	CARBON	1K	5%	1/4W
C140	1-128-832-11	ELECT	220uF	20%	10V (DB790)	R102	1-249-417-11	CARBON	1K	5%	1/4W
C141	1-125-896-11	MYLAR	0.0091uF	5%	50V	R103	1-249-417-11	CARBON	1K	5%	1/4W
C142	1-125-896-11	MYLAR	0.0091uF	5%	50V	R104	1-249-417-11	CARBON	1K	5%	1/4W
C143	1-136-159-00	MYLAR	0.033uF	5%	50V	R105	1-249-417-11	CARBON	1K	5%	1/4W
C144	1-136-159-00	MYLAR	0.033uF	5%	50V	R106	1-249-417-11	CARBON	1K	5%	1/4W
C145	1-119-821-11	ELECT	2.2uF	20%	50V (DB790)	R110	1-249-437-11	CARBON	47K	5%	1/4W
C145	1-126-961-11	ELECT	2.2uF	20%	50V (DA1000ES)	R111	1-249-437-11	CARBON	47K	5%	1/4W
C146	1-119-821-11	ELECT	2.2uF	20%	50V (DB790)	R112	1-249-437-11	CARBON	47K	5%	1/4W
C146	1-126-961-11	ELECT	2.2uF	20%	50V (DA1000ES)	R113	1-249-437-11	CARBON	47K	5%	1/4W
						R114	1-249-437-11	CARBON	47K	5%	1/4W
						R115	1-249-437-11	CARBON	47K	5%	1/4W
						R119	1-249-417-11	CARBON	1K	5%	1/4W
						R131	1-249-421-11	CARBON	2.2K	5%	1/4W
						R132	1-249-421-11	CARBON	2.2K	5%	1/4W
											(DB790)
											(DB790)
						R133	1-249-441-11	CARBON	100K	5%	1/4W
						R134	1-249-441-11	CARBON	100K	5%	1/4W
						R135	1-249-408-11	CARBON	180	5%	1/4W

AU-IN

COMP-V

Ref. No.	Part No.	Description	Remark		
R136	1-249-408-11	CARBON	180	5%	1/4W
R137	1-249-428-11	CARBON	8.2K	5%	1/4W
R138	1-249-428-11	CARBON	8.2K	5%	1/4W
R139	1-249-441-11	CARBON	100K	5%	1/4W
R140	1-249-441-11	CARBON	100K	5%	1/4W
R141	1-247-807-31	CARBON	100	5%	1/4W
R142	1-247-807-31	CARBON	100	5%	1/4W
R143	1-249-441-11	CARBON	100K	5%	1/4W
R144	1-249-441-11	CARBON	100K	5%	1/4W
R145	1-249-413-11	CARBON	470	5%	1/4W
R146	1-249-413-11	CARBON	470	5%	1/4W
R147	1-249-441-11	CARBON	100K	5%	1/4W
R148	1-249-441-11	CARBON	100K	5%	1/4W
R151	1-249-417-11	CARBON	1K	5%	1/4W
R152	1-249-417-11	CARBON	1K	5%	1/4W
R153	1-249-421-11	CARBON	2.2K	5%	1/4W
R154	1-249-421-11	CARBON	2.2K	5%	1/4W
R155	1-249-417-11	CARBON	1K	5%	1/4W
R156	1-249-417-11	CARBON	1K	5%	1/4W
R171	1-249-429-11	CARBON	10K	5%	1/4W
R172	1-249-431-11	CARBON	15K	5%	1/4W
R173	1-249-425-11	CARBON	4.7K	5%	1/4W
R174	1-249-431-11	CARBON	15K	5%	1/4W
R175	1-249-429-11	CARBON	10K	5%	1/4W
R176	1-249-429-11	CARBON	10K	5%	1/4W
R177	1-249-429-11	CARBON	10K	5%	1/4W
R178	1-249-417-11	CARBON	1K	5%	1/4W
R181	1-249-429-11	CARBON	10K	5%	1/4W
R182	1-249-431-11	CARBON	15K	5%	1/4W
R183	1-249-425-11	CARBON	4.7K	5%	1/4W
R184	1-249-431-11	CARBON	15K	5%	1/4W
R185	1-249-429-11	CARBON	10K	5%	1/4W
R186	1-249-429-11	CARBON	10K	5%	1/4W
R187	1-249-429-11	CARBON	10K	5%	1/4W
△R840	1-249-399-11	CARBON	33	5%	1/4W F
△R845	1-249-399-11	CARBON	33	5%	1/4W F

A-4733-521-A COMP-V BOARD, COMPLETE (DA1000ES)

A-4733-546-A COMP-V BOARD, COMPLETE (DB790)

< CAPACITOR >					
C351	1-127-868-11	CERAMIC	2200PF	10%	50V
C360	1-128-818-11	CERAMIC	560PF	5%	50V
C361	1-128-816-11	CERAMIC	390PF	5%	50V
C362	1-126-947-11	ELECT	47uF	20%	35V
C363	1-128-801-11	CERAMIC	22PF	5%	50V
C364	1-162-201-31	CERAMIC	12PF	5%	50V
C365	1-126-947-11	ELECT	47uF	20%	35V
C366	1-127-888-11	CERAMIC	0.1uF	10%	50V
C367	1-127-876-11	CERAMIC	0.01uF	10%	50V

Ref. No.	Part No.	Description	Remark		
C368	1-126-963-11	ELECT	4.7uF	20%	50V
C369	1-130-495-00	MYLAR	0.1uF	5%	50V
C370	1-162-201-31	CERAMIC	12PF	5%	50V
C371	1-128-801-11	CERAMIC	22PF	5%	50V
C372	1-162-201-31	CERAMIC	12PF	5%	50V
C373	1-128-801-11	CERAMIC	22PF	5%	50V
C374	1-126-935-11	ELECT	470uF	20%	16V
C375	1-126-965-11	ELECT	22uF	20%	50V
C376	1-126-947-11	ELECT	47uF	20%	35V
C377	1-127-888-11	CERAMIC	0.1uF	10%	50V
C378	1-127-888-11	CERAMIC	0.1uF	10%	50V
C379	1-128-812-11	CERAMIC	180PF	5%	50V
C380	1-127-876-11	CERAMIC	0.01uF	10%	50V
C381	1-127-876-11	CERAMIC	0.01uF	10%	50V
C382	1-127-888-11	CERAMIC	0.1uF	10%	50V
C383	1-104-665-11	ELECT	100uF	20%	25V
C384	1-127-888-11	CERAMIC	0.1uF	10%	50V
C385	1-127-876-11	CERAMIC	0.01uF	10%	50V
C386	1-127-876-11	CERAMIC	0.01uF	10%	50V
C387	1-126-959-11	ELECT	0.47uF	20%	50V
C388	1-127-876-11	CERAMIC	0.01uF	10%	50V
C389	1-127-888-11	CERAMIC	0.1uF	10%	50V
C390	1-104-665-11	ELECT	100uF	20%	25V
C391	1-126-947-11	ELECT	47uF	20%	35V
C392	1-127-888-11	CERAMIC	0.1uF	10%	50V
C393	1-162-203-31	CERAMIC	15PF	5%	50V
C394	1-126-961-11	ELECT	2.2uF	20%	50V
C395	1-127-876-11	CERAMIC	0.01uF	10%	50V
C396	1-126-963-11	ELECT	4.7uF	20%	50V
C397	1-127-876-11	CERAMIC	0.01uF	10%	50V
C398	1-128-806-11	CERAMIC	56PF	5%	50V

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 △标志来识别的零部件，在安全方面具有关键性。因此只能以规定号码的零部件来更换。
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COMP-V

DC1

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C399	1-126-959-11	ELECT	0.47uF	20%	50V (DA1000ES)	R376	1-249-414-11	CARBON	560	5%	1/4W (DA1000ES)
		< CONNECTOR >				R377	1-249-416-11	CARBON	820	5%	1/4W (DA1000ES)
CN351	1-573-843-11	CONNECTOR, BOARD TO BOARD 11P				R378	1-249-416-11	CARBON	820	5%	1/4W (DA1000ES)
		< DIODE >				R379	1-249-416-11	CARBON	820	5%	1/4W (DA1000ES)
D351	8-719-991-33	DIODE 1SS133T-77				R380	1-249-430-11	CARBON	12K	5%	1/4W (DA1000ES)
D352	8-719-991-33	DIODE 1SS133T-77				R381	1-249-430-11	CARBON	12K	5%	1/4W (DA1000ES)
		< FERRITE BEAD >				R382	1-249-418-11	CARBON	1.2K	5%	1/4W (DA1000ES)
FB353	1-412-911-11	FERRITE	0uH (DA1000ES)			R383	1-249-411-11	CARBON	330	5%	1/4W (DA1000ES)
FB354	1-412-911-11	FERRITE	0uH (DA1000ES)			R384	1-247-804-11	CARBON	75	5%	1/4W (DA1000ES)
		< IC >									
IC370	8-759-678-99	IC TC90A45F (DA1000ES)				R385	1-247-804-11	CARBON	75	5%	1/4W (DA1000ES)
IC371	8-759-826-19	IC MM1093NF (DA1000ES)				R386	1-249-429-11	CARBON	10K	5%	1/4W (DA1000ES)
IC372	6-803-031-01	IC NJM2268D (DA1000ES)				R387	1-249-429-11	CARBON	10K	5%	1/4W (DA1000ES)
		< JACK >				R388	1-249-412-11	CARBON	390	5%	1/4W (DA1000ES)
J351	1-817-726-11	JACK, PIN 9P (COMPOSITE VIDEO MONITOR OUT, DVD IN, TV/SAT IN)				R389	1-249-412-11	CARBON	390	5%	1/4W (DA1000ES)
		< COIL >									
L370	1-410-514-11	INDUCTOR	27uH (DA1000ES)			R390	1-247-903-00	CARBON	1M	5%	1/4W (DA1000ES)
L371	1-410-514-11	INDUCTOR	27uH (DA1000ES)			R391	1-249-431-11	CARBON	15K	5%	1/4W (DA1000ES)
L372	1-414-189-31	INDUCTOR	100uH (DA1000ES)			R392	1-249-426-11	CARBON	5.6K	5%	1/4W (DA1000ES)
L373	1-414-189-31	INDUCTOR	100uH (DA1000ES)								
L374	1-410-514-11	INDUCTOR	27uH (DA1000ES)								
L375	1-410-515-11	INDUCTOR	33uH (DA1000ES)								
		< TRANSISTOR >						< RELAY >			
Q351	8-729-119-79	TRANSISTOR	2SC2785-FEK			RY351	1-755-184-11	RELAY			
Q352	8-729-119-79	TRANSISTOR	2SC2785-FEK			RY352	1-755-184-11	RELAY			
Q370	8-729-119-79	TRANSISTOR	2SC2785-FEK (DA1000ES)			RY353	1-755-184-11	RELAY			
Q371	8-729-119-79	TRANSISTOR	2SC2785-FEK (DA1000ES)			RY354	1-755-184-11	RELAY			
Q372	8-729-119-79	TRANSISTOR	2SC2785-FEK (DA1000ES)					< VIBRATOR >			
		< RESISTOR >				X370	1-781-342-21	OSCILLATOR, CRYSTAL (3.5795MHz)			
R357	1-249-421-11	CARBON	2.2K	5%	1/4W			(DA1000ES)			
R358	1-249-429-11	CARBON	10K	5%	1/4W	*****					
R359	1-249-421-11	CARBON	2.2K	5%	1/4W						
R360	1-249-429-11	CARBON	10K	5%	1/4W		1-688-633-11	DC1 BOARD			
R361	1-249-417-11	CARBON	1K	5%	1/4W (DA1000ES)			*****			
								< CAPACITOR >			
R362	1-249-417-11	CARBON	1K	5%	1/4W (DA1000ES)	C902	1-126-953-11	ELECT	2200uF	20%	35V (DA1000ES)
R371	1-249-418-11	CARBON	1.2K	5%	1/4W (DA1000ES)	C902	1-127-732-51	ELECT	2200uF	20%	35V (DB790: SP, MY, TW, KR)
R372	1-249-411-11	CARBON	330	5%	1/4W (DA1000ES)	C902	1-135-781-51	ELECT	2200uF		35V (DB790: AEP, UK, AUS, CH)
R373	1-249-416-11	CARBON	820	5%	1/4W (DA1000ES)	C903	1-126-952-11	ELECT	1000uF	20%	35V (DA1000ES)
R374	1-247-903-00	CARBON	1M	5%	1/4W (DA1000ES)	C903	1-127-731-51	ELECT	1000uF	20%	35V (DB790: SP, MY, TW, KR)
R375	1-249-418-11	CARBON	1.2K	5%	1/4W (DA1000ES)	C903	1-135-780-51	ELECT	1000uF		35V (DB790: AEP, UK, AUS, CH)

STR-DA1000ES/DB790
Ver 1.3

DC1DC2

Ref. No.	Part No.	Description	Remark		
C904	1-126-967-11	ELECT	47uF	20%	50V
C906	1-126-967-11	ELECT	47uF	20%	50V
C907	1-126-937-11	ELECT	4700uF	20%	16V
			(DA1000ES)		
C907	1-127-723-51	ELECT	4700uF	20%	16V
			(DB790: SP, MY, TW, KR)		
C907	1-135-696-51	ELECT	4700uF		16V
			(DB790: AEP, UK, AUS, CH)		
C908	1-126-767-11	ELECT	1000uF	20%	16V
C909	1-126-970-11	ELECT	330uF	20%	50V
C915	1-100-376-13	ELECT	12000uF	10%	63V
			(DB790)		
C915	1-109-932-13	ELECT (BLOCK)	10000uF	20%	71V
			(DA1000ES)		
C916	1-100-376-13	ELECT	12000uF	10%	63V
			(DB790)		
C916	1-109-932-13	ELECT (BLOCK)	10000uF	20%	71V
			(DA1000ES)		
C917	1-136-196-11	FILM	0.033uF	5%	250V
			(DA1000ES)		
C917	1-137-350-11	MYLAR	0.015uF	5%	400V
			(DB790)		
C918	1-136-196-11	FILM	0.033uF	5%	250V
			(DA1000ES)		
C918	1-137-350-11	MYLAR	0.015uF	5%	400V
			(DB790)		
C919	1-104-999-11	MYLAR	0.1uF	5%	200V
			(DB790)		
C920	1-162-306-11	CERAMIC	0.01uF	30%	16V
C923	1-104-666-11	ELECT	220uF	20%	25V
C924	1-104-666-11	ELECT	220uF	20%	25V
C925	1-104-666-11	ELECT	220uF	20%	25V
C926	1-104-666-11	ELECT	220uF	20%	25V
< CONNECTOR >					
CN906	1-691-768-11	PLUG (MICRO CONNECTOR) 6P			
CN907	1-691-770-11	PLUG (MICRO CONNECTOR) 8P			
CN909	1-784-922-11	PIN, CONNECTOR 5P			
CN910	1-785-101-11	PIN, CONNECTOR (3.96mm PITCH) 3P			
CN911	1-785-101-11	PIN, CONNECTOR (3.96mm PITCH) 3P			
CN912	1-778-226-21	CONNECTOR, BOARD TO BOARD 6P			
CN913	1-564-320-00	PIN, CONNECTOR (3.96mm PITCH) 2P			
< DIODE >					
D902	8-719-983-86	DIODE	MTZJ-T-72-33A		
D903	8-719-024-99	DIODE	11ES2-NTA2B		
D904	8-719-024-99	DIODE	11ES2-NTA2B		
D905	8-719-024-99	DIODE	11ES2-NTA2B		
D906	8-719-024-99	DIODE	11ES2-NTA2B		
D908	8-719-510-53	DIODE	D4SB60L		
D909	8-719-024-99	DIODE	11ES2-NTA2B		
D912	8-719-024-99	DIODE	11ES2-NTA2B		
D913	8-719-024-99	DIODE	11ES2-NTA2B		
D914	8-719-505-60	DIODE	S5VB60		
D915	8-719-024-99	DIODE	11ES2-NTA2B		
D916	8-719-024-99	DIODE	11ES2-NTA2B		

Ref. No.	Part No.	Description	Remark			
		< GROUND TERMINAL >				
* EB901	1-537-738-21	TERMINAL, EARTH				
		< TRANSISTOR >				
Q903	8-729-041-38	TRANSISTOR	2SB1241-Q-TV2			
		< RESISTOR >				
R902	1-249-433-11	CARBON	22K	5%	1/4W	
R904	1-249-429-11	CARBON	10K	5%	1/4W	
△ R910	1-249-385-11	CARBON	2.2	5%	1/4W	F
△ R911	1-216-349-81	METAL OXIDE	1	5%	1W	F
△ R912	1-216-349-81	METAL OXIDE	1	5%	1W	F
△ R913	1-249-407-11	CARBON	150	5%	1/4W	F
(DB790)						

	A-4733-517-A	DC2 BOARD, COMPLETE	(DA1000ES)			
	A-4733-543-A	DC2 BOARD, COMPLETE	(DB790: SP, MY, TW, KR, CH)			
	A-4733-574-A	DC2 BOARD, COMPLETE	(DB790: AEP, UK, AUS)			

		< CAPACITOR >				
C952	1-126-947-11	ELECT	47uF	20%	35V	
C953	1-136-169-00	MYLAR	0.22uF	5%	50V	
C954	1-127-888-11	CERAMIC	0.1uF	10%	50V	
C955	1-136-169-00	MYLAR	0.22uF	5%	50V	
C956	1-126-935-11	ELECT	470uF	20%	16V	
C957	1-126-918-51	ELECT	4700uF	20%	6.3V	
			(DA1000ES)			
C957	1-137-661-51	ELECT	4700uF	20%	6.3V	
			(DB790: AEP, UK, AUS)			
C957	1-137-661-91	ELECT	4700uF	20%	6.3V	
			(DB790: SP, MY, TW, KR, CH)			
C958	1-136-169-00	MYLAR	0.22uF	5%	50V	
C959	1-127-888-11	CERAMIC	0.1uF	10%	50V	
C960	1-136-169-00	MYLAR	0.22uF	5%	50V	
C961	1-126-942-61	ELECT	1000uF	20%	25V	
			(DA1000ES)			
C961	1-127-731-51	ELECT	1000uF	20%	35V	
			(DB790: SP, MY, TW, KR, CH)			
C961	1-135-685-51	ELECT	1000uF		25V	
			(DB790: AEP, UK, AUS)			
C962	1-136-169-00	MYLAR	0.22uF	5%	50V	
C963	1-126-942-61	ELECT	1000uF	20%	25V	
			(DA1000ES)			
C963	1-127-731-51	ELECT	1000uF	20%	35V	
			(DB790: SP, MY, TW, KR, CH)			
C963	1-135-685-51	ELECT	1000uF		25V	
			(DB790: AEP, UK, AUS)			
C964	1-127-888-11	CERAMIC	0.1uF	10%	50V	
C965	1-127-888-11	CERAMIC	0.1uF	10%	50V	
			(DB790)			
		< CONNECTOR >				
CN951	1-778-227-41	CONNECTOR, BOARD TO BOARD 6P				

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 △标志来识别的零部件，在安全方面具有关键性。因此只能以规定号码的零部件来更换。
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DC2

DIGITAL

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
IC951	8-759-245-79	< IC >				C1112	1-162-974-11	CERAMIC CHIP	0.01uF	50V	
		IC TA79005S	C1113	1-164-156-11	CERAMIC CHIP	0.1uF	25V				
			C1114	1-162-905-11	CERAMIC CHIP	1PF	0.25PF	50V			
			C1115	1-162-923-11	CERAMIC CHIP	47PF	5%	50V			
			C1116	1-126-916-11	ELECT	1000uF	20%	6.3V (DA1000ES)			
< TRANSISTOR >											
Q953	8-729-140-98	TRANSISTOR	2SD773-34								
Q954	8-729-029-23	TRANSISTOR	DTA114TSA-TP								
Q955	8-729-029-66	TRANSISTOR	DTC114ESA								
Q956	8-729-029-66	TRANSISTOR	DTC114ESA								
Q957	8-729-140-93	TRANSISTOR	2SB733-34								
					C1116	1-135-656-11	ELECT	1000uF	6.3V (DB790: AEP, UK)		
Q958	8-729-029-66	TRANSISTOR	DTC114ESA								
Q959	8-729-140-93	TRANSISTOR	2SB733-34								
Q960	8-729-024-93	TRANSISTOR	2SB1565E (DB790)								
Q961	8-729-119-79	TRANSISTOR	2SC2785-FEK (DB790)								
Q962	8-729-119-79	TRANSISTOR	2SC2785-FEK (DB790)	C1119	1-128-858-11	ELECT	22uF	20%	50V (DB790: SP, MY, TW, KR, AUS, CH)		
< RESISTOR >					C1119	1-135-744-11	ELECT	22uF	50V (DB790: AEP, UK)		
R954	1-249-417-11	CARBON	1K	5%	1/4W	C1120	1-164-156-11	CERAMIC CHIP	0.1uF	25V	
R955	1-249-415-11	CARBON	680	5%	1/4W	C1121	1-164-156-11	CERAMIC CHIP	0.1uF	25V	
R956	1-249-429-11	CARBON	10K	5%	1/4W	C1122	1-164-156-11	CERAMIC CHIP	0.1uF	25V	
R957	1-249-415-11	CARBON	680	5%	1/4W						
R958	1-249-429-11	CARBON	10K	5%	1/4W	C1123	1-164-156-11	CERAMIC CHIP	0.1uF	25V	
					C1124	1-164-156-11	CERAMIC CHIP	0.1uF	25V		
R959	1-249-429-11	CARBON	10K	5%	1/4W	C1126	1-119-824-11	ELECT	10uF	20%	50V
R962	1-249-429-11	CARBON	10K	5%	1/4W	(DB790: SP, MY, TW, KR, AUS, CH)					
					C1126	1-126-964-11	ELECT	10uF	20%	50V (DA1000ES)	
R963	1-247-847-91	CARBON	4.7K	5%	1/4W						
					C1126	1-135-743-11	ELECT	10uF	50V (DB790: AEP, UK)		
R964	1-247-887-00	CARBON	220K	5%	1/4W						
					C1127	1-164-156-11	CERAMIC CHIP	0.1uF	25V		
R965	1-249-401-11	CARBON	47	5%	1/4W	C1129	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V
						C1130	1-164-156-11	CERAMIC CHIP	0.1uF	25V	
*****						C1131	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
						C1132	1-162-974-11	CERAMIC CHIP	0.01uF	50V	
A-4733-508-A DIGITAL BOARD, COMPLETE (DA1000ES)											
A-4733-536-A DIGITAL BOARD, COMPLETE (DB790: SP, MY, TW, KR, AUS, CH)						C1133	1-164-156-11	CERAMIC CHIP	0.1uF	25V	
A-4733-576-A DIGITAL BOARD, COMPLETE (DB790: AEP, UK) *****						C1201	1-164-156-11	CERAMIC CHIP	0.1uF	25V	
< CAPACITOR >						C1202	1-164-156-11	CERAMIC CHIP	0.1uF	25V	
C1101	1-164-156-11	CERAMIC CHIP	0.1uF	25V		C1203	1-164-156-11	CERAMIC CHIP	0.1uF	25V	
C1102	1-126-947-11	ELECT	47uF	20%	35V (DA1000ES)	C1204	1-164-156-11	CERAMIC CHIP	0.1uF	25V	
C1102	1-128-840-11	ELECT	47uF	20%	16V (DB790: SP, MY, TW, KR, AUS, CH)	C1205	1-164-156-11	CERAMIC CHIP	0.1uF	25V	
C1102	1-135-708-11	ELECT	47uF	16V (DB790: AEP, UK)		C1206	1-164-156-11	CERAMIC CHIP	0.1uF	25V	
C1103	1-164-156-11	CERAMIC CHIP	0.1uF	25V		C1207	1-164-156-11	CERAMIC CHIP	0.1uF	25V	
C1104	1-162-974-11	CERAMIC CHIP	0.01uF	50V		C1208	1-164-156-11	CERAMIC CHIP	0.1uF	25V	
C1105	1-126-947-11	ELECT	47uF	20%	16V (DA1000ES)	C1209	1-164-156-11	CERAMIC CHIP	0.1uF	25V	
C1105	1-128-840-11	ELECT	47uF	20%	35V (DB790: SP, MY, TW, KR, AUS, CH)	C1210	1-164-156-11	CERAMIC CHIP	0.1uF	25V	
C1105	1-135-708-11	ELECT	47uF	16V (DB790: AEP, UK)		C1211	1-126-935-11	ELECT	470uF	20%	10V (DA1000ES)
C1106	1-164-156-11	CERAMIC CHIP	0.1uF	25V		C1211	1-128-834-11	ELECT	470uF	20%	16V (DB790: SP, MY, TW, KR, AUS, CH)
C1107	1-162-974-11	CERAMIC CHIP	0.01uF	50V		C1211	1-135-669-11	ELECT	470uF	10V (DB790: AEP, UK)	
C1108	1-164-156-11	CERAMIC CHIP	0.1uF	25V		C1212	1-126-935-11	ELECT	470uF	20%	16V (DA1000ES)
C1109	1-162-918-11	CERAMIC CHIP	18PF	5%	50V	C1212	1-128-834-11	ELECT	470uF	20%	10V (DB790: SP, MY, TW, KR, AUS, CH)
C1110	1-162-918-11	CERAMIC CHIP	18PF	5%	50V	C1212	1-135-669-11	ELECT	470uF	10V (DB790: AEP, UK)	
C1111	1-164-156-11	CERAMIC CHIP	0.1uF	25V		C1213	1-164-156-11	CERAMIC CHIP	0.1uF	25V	
						C1214	1-164-156-11	CERAMIC CHIP	0.1uF	25V	
						C1216	1-162-927-11	CERAMIC CHIP	100PF	5%	50V

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Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C1218	1-162-927-11	CERAMIC CHIP	100PF 5% 50V	C1416	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1219	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1417	1-126-935-11	ELECT	470uF 20% 16V
C1220	1-162-927-11	CERAMIC CHIP	100PF 5% 50V				(DA1000ES)
C1221	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1417	1-127-720-11	ELECT	470uF 20% 16V
			(DB790: AEP, UK)				(DB790: SP, MY, TW, KR, AUS, CH)
C1227	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1417	1-135-711-11	ELECT	470uF 16V
							(DB790: AEP, UK)
C1229	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1418	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1230	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1501	1-126-924-11	ELECT	330uF 20% 10V
C1231	1-164-156-11	CERAMIC CHIP	0.1uF 25V				(DA1000ES)
C1233	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1501	1-128-833-11	ELECT	330uF 10V
C1234	1-162-920-11	CERAMIC CHIP	27PF 5% 50V				(DB790)
C1235	1-162-920-11	CERAMIC CHIP	27PF 5% 50V	C1502	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1309	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1503	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1310	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1504	1-126-934-11	ELECT	220uF 20% 16V
C1311	1-164-156-11	CERAMIC CHIP	0.1uF 25V				(DA1000ES)
C1312	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1504	1-127-719-11	ELECT	220uF 20% 16V
							(DB790: SP, MY, TW, KR, AUS, CH)
C1401	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1504	1-135-710-11	ELECT	220uF 16V
C1402	1-126-947-11	ELECT	47uF 20% 35V				(DB790: AEP, UK)
			(DA1000ES)	C1505	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1402	1-128-840-11	ELECT	47uF 20% 16V	C1506	1-164-156-11	CERAMIC CHIP	0.1uF 25V
			(DB790: SP, MY, TW, KR, AUS, CH)				(DA1000ES)
C1402	1-135-708-11	ELECT	47uF 16V	C1507	1-119-824-11	ELECT	10uF 20% 50V
			(DB790: AEP, UK)				(DB790: SP, MY, TW, KR, AUS, CH)
C1403	1-119-824-11	ELECT	10uF 20% 50V	C1507	1-126-964-11	ELECT	10uF 20% 50V
			(DB790: SP, MY, TW, KR, AUS, CH)				(DA1000ES)
C1403	1-126-964-11	ELECT	10uF 20% 50V	C1507	1-135-743-11	ELECT	10uF 50V
			(DA1000ES)				(DB790: AEP, UK)
C1403	1-135-743-11	ELECT	10uF 50V	C1508	1-164-156-11	CERAMIC CHIP	0.1uF 25V
			(DB790: AEP, UK)	C1509	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1404	1-119-823-11	ELECT	4.7uF 20% 50V	C1510	1-164-156-11	CERAMIC CHIP	0.1uF 25V
			(DB790: SP, MY, TW, KR, AUS, CH)	C1511	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1404	1-126-963-11	ELECT	4.7uF 20% 50V	C1512	1-164-156-11	CERAMIC CHIP	0.1uF 25V
			(DA1000ES)	C1513	1-119-824-11	ELECT	10uF 20% 50V
C1404	1-135-742-11	ELECT	4.7uF 50V				(DB790: SP, MY, TW, KR, AUS, CH)
			(DB790: AEP, UK)	C1513	1-126-964-11	ELECT	10uF 20% 50V
C1405	1-164-315-11	CERAMIC CHIP	470PF 5% 50V				(DA1000ES)
C1406	1-119-823-11	ELECT	4.7uF 20% 50V	C1513	1-135-743-11	ELECT	10uF 50V
			(DB790: SP, MY, TW, KR, AUS, CH)				(DB790: AEP, UK)
C1406	1-126-963-11	ELECT	4.7uF 20% 50V	C1514	1-164-156-11	CERAMIC CHIP	0.1uF 25V
			(DA1000ES)	C1522	1-162-977-11	CERAMIC CHIP	0.0018uF 10% 50V
C1406	1-135-742-11	ELECT	4.7uF 50V	C1523	1-164-218-11	CERAMIC CHIP	180PF 5% 50V
			(DB790: AEP, UK)	C1524	1-126-933-11	ELECT	100uF 20% 16V
C1407	1-119-824-11	ELECT	10uF 20% 50V				(DA1000ES)
			(DB790: SP, MY, TW, KR, AUS, CH)	C1524	1-127-718-11	ELECT	100uF 20% 16V
C1407	1-126-964-11	ELECT	10uF 20% 50V				(DB790: SP, MY, TW, KR, AUS, CH)
			(DA1000ES)	C1524	1-135-709-11	ELECT	100uF 16V
C1407	1-135-743-11	ELECT	10uF 50V				(DB790: AEP, UK)
			(DB790: AEP, UK)	C1532	1-162-977-11	CERAMIC CHIP	0.0018uF 10% 50V
C1408	1-164-315-11	CERAMIC CHIP	470PF 5% 50V	C1533	1-164-218-11	CERAMIC CHIP	180PF 5% 50V
C1409	1-126-947-11	ELECT	47uF 20% 35V	C1534	1-126-933-11	ELECT	100uF 20% 16V
			(DA1000ES)				(DA1000ES)
C1409	1-128-840-11	ELECT	47uF 20% 16V	C1534	1-127-718-11	ELECT	100uF 20% 16V
			(DB790: SP, MY, TW, KR, AUS, CH)				(DB790: SP, MY, TW, KR, AUS, CH)
C1409	1-135-708-11	ELECT	47uF 16V	C1534	1-135-709-11	ELECT	100uF 16V
			(DB790: AEP, UK)				(DB790: AEP, UK)
C1410	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1542	1-162-977-11	CERAMIC CHIP	0.0018uF 10% 50V
C1411	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1543	1-164-218-11	CERAMIC CHIP	180PF 5% 50V
C1412	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1544	1-126-933-11	ELECT	100uF 20% 16V
C1413	1-164-156-11	CERAMIC CHIP	0.1uF 25V				(DA1000ES)
C1414	1-164-230-11	CERAMIC CHIP	220PF 5% 50V				
C1415	1-164-230-11	CERAMIC CHIP	220PF 5% 50V				

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Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C1544	1-127-718-11	ELECT	100uF 20% 16V (DB790: SP, MY, TW, KR, AUS, CH)	C1618	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1544	1-135-709-11	ELECT	100uF 16V (DB790: AEP, UK)	C1619	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1552	1-162-977-11	CERAMIC CHIP	0.0018uF 10% 50V	C1620	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1553	1-164-218-11	CERAMIC CHIP	180PF 5% 50V	C1624	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1554	1-126-933-11	ELECT	100uF 20% 16V (DA1000ES)	C1626	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1554	1-127-718-11	ELECT	100uF 20% 16V (DB790: SP, MY, TW, KR, AUS, CH)	C1627	1-119-824-11	ELECT	10uF 20% 50V
C1554	1-135-709-11	ELECT	100uF 16V (DB790: AEP, UK)	C1628	1-162-908-11	CERAMIC CHIP	3PF 0.25PF 50V
C1562	1-162-977-11	CERAMIC CHIP	0.0018uF 10% 50V	C1629	1-162-908-11	CERAMIC CHIP	3PF 0.25PF 50V
C1563	1-164-218-11	CERAMIC CHIP	180PF 5% 50V	C1631	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1564	1-126-933-11	ELECT	100uF 20% 16V (DA1000ES)	C1634	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1564	1-127-718-11	ELECT	100uF 20% 16V (DB790: SP, MY, TW, KR, AUS, CH)	C1635	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1564	1-135-709-11	ELECT	100uF 16V (DB790: AEP, UK)	C1638	1-162-974-11	CERAMIC CHIP	0.01uF 50V
C1572	1-162-977-11	CERAMIC CHIP	0.0018uF 10% 50V	C1639	1-162-974-11	CERAMIC CHIP	0.01uF 50V
C1573	1-164-218-11	CERAMIC CHIP	180PF 5% 50V	C1640	1-164-230-11	CERAMIC CHIP	220PF 5% 50V
C1574	1-126-933-11	ELECT	100uF 20% 16V (DA1000ES)	C1658	1-162-974-11	CERAMIC CHIP	0.01uF 50V
C1574	1-127-718-11	ELECT	100uF 20% 16V (DB790: SP, MY, TW, KR, AUS, CH)	C1659	1-162-974-11	CERAMIC CHIP	0.01uF 50V
C1574	1-135-709-11	ELECT	100uF 16V (DB790: AEP, UK)	C1905	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1582	1-162-977-11	CERAMIC CHIP	0.0018uF 10% 50V	C1906	1-126-935-11	ELECT	470uF 20% 16V (DA1000ES)
C1583	1-164-218-11	CERAMIC CHIP	180PF 5% 50V	C1906	1-127-720-11	ELECT	470uF 20% 16V (DB790: SP, MY, TW, KR, AUS, CH)
C1584	1-126-933-11	ELECT	100uF 20% 16V (DA1000ES)	C1906	1-135-711-11	ELECT	470uF 16V (DB790: AEP, UK)
C1584	1-127-718-11	ELECT	100uF 20% 16V (DB790: SP, MY, TW, KR, AUS, CH)	C1908	1-126-935-11	ELECT	470uF 20% 16V (DA1000ES)
C1584	1-135-709-11	ELECT	100uF 16V (DB790: AEP, UK)	C1908	1-127-720-11	ELECT	470uF 20% 16V (DB790: SP, MY, TW, KR, AUS, CH)
C1582	1-162-977-11	CERAMIC CHIP	0.0018uF 10% 50V	C1908	1-135-711-11	ELECT	470uF 16V (DB790: AEP, UK)
C1583	1-164-218-11	CERAMIC CHIP	180PF 5% 50V	C1909	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1584	1-126-933-11	ELECT	100uF 20% 16V (DA1000ES)	C1910	1-126-934-11	ELECT	220uF 20% 16V (DA1000ES)
C1584	1-127-718-11	ELECT	100uF 20% 16V (DB790: SP, MY, TW, KR, AUS, CH)	C1910	1-128-832-11	ELECT	220uF 20% 10V (DB790)
C1584	1-135-709-11	ELECT	100uF 16V (DB790: AEP, UK)	C1911	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1592	1-162-977-11	CERAMIC CHIP	0.0018uF 10% 50V (DA1000ES)	C1912	1-126-935-11	ELECT	470uF 20% 16V (DA1000ES)
C1593	1-164-218-11	CERAMIC CHIP	180PF 5% 50V (DA1000ES)	C1912	1-127-720-11	ELECT	470uF 20% 16V (DB790: SP, MY, TW, KR, AUS, CH)
C1594	1-126-933-11	ELECT	100uF 20% 16V (DA1000ES)	C1912	1-135-711-11	ELECT	470uF 16V (DB790: AEP, UK)
C1601	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1913	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1602	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1914	1-126-947-11	ELECT	47uF 20% 35V (DA1000ES)
C1603	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1914	1-128-840-11	ELECT	47uF 20% 16V (DB790: SP, MY, TW, KR, AUS, CH)
C1604	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1914	1-135-708-11	ELECT	47uF 16V (DB790: AEP, UK)
C1605	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1915	1-135-708-11	ELECT	47uF 16V (DB790: AEP, UK)
C1606	1-126-947-11	ELECT	47uF 20% 35V (DA1000ES)	C1916	1-164-156-11	CERAMIC CHIP	0.1uF 25V (DB790: AEP, UK)
C1606	1-128-840-11	ELECT	47uF 20% 16V (DB790: SP, MY, TW, KR, AUS, CH)				
C1606	1-135-708-11	ELECT	47uF 16V (DB790: AEP, UK)				
C1608	1-162-974-11	CERAMIC CHIP	0.01uF 50V				
C1609	1-162-974-11	CERAMIC CHIP	0.01uF 50V				
C1610	1-162-974-11	CERAMIC CHIP	0.01uF 50V				
C1611	1-162-974-11	CERAMIC CHIP	0.01uF 50V				
C1612	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
C1613	1-162-995-11	CERAMIC CHIP	0.022uF 50V				
C1614	1-162-995-11	CERAMIC CHIP	0.022uF 50V				
C1617	1-162-974-11	CERAMIC CHIP	0.01uF 50V				

< CONNECTOR >

CN1101	1-764-867-41	CONNECTOR, BOARD TO BOARD 20P
CN1102	1-764-867-41	CONNECTOR, BOARD TO BOARD 20P
CN1103	1-569-060-11	SOCKET, CONNECTOR 11P (EXCEPT DB790: AEP, UK)
CN1103	1-569-321-11	SOCKET, CONNECTOR 15P (DB790: AEP, UK)
CN1104	1-784-923-11	PIN, CONNECTOR 7P

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Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
CN1105	1-784-788-11	CONNECTOR, FFC 27P		IC1901	6-701-887-02	IC SI-3004KWF	
CN1106	1-691-767-11	PLUG (MICRO CONNECTOR) 5P		IC1902	8-759-604-32	IC M5F7810L	
CN1107	1-564-320-00	PIN, CONNECTOR (3.96mm PITCH) 2P		IC1903	8-759-647-10	IC uPC2933HF	
CN1110	1-691-765-11	PLUG (MICRO CONNECTOR) 3P		IC1904	8-759-647-10	IC uPC2933HF	
		< DIODE >		IC1905	8-759-445-59	IC BA033T (DB790: AEP, UK)	
D1001	8-719-016-74	DIODE 1SS352				< JACK >	
D1101	8-719-016-74	DIODE 1SS352		J1101	1-784-431-11	JACK, PIN 1P (DIGITAL COAXIAL IN	
D1601	8-719-016-74	DIODE 1SS352				ASSIGNABLE DVD CD/SACD)	
D1603	8-719-016-74	DIODE 1SS352		J1102	1-563-330-11	JACK (CONTROL A11I)	
D1905	8-719-053-18	DIODE 1SR154-400TE-25				< SHORT >	
D1906	8-719-053-18	DIODE 1SR154-400TE-25		JR1112	1-216-864-11	SHORT CHIP	0 (EXCEPT DB790: AEP, UK)
D1907	8-719-053-18	DIODE 1SR154-400TE-25		JR1113	1-216-864-11	SHORT CHIP	0 (EXCEPT DB790: AEP, UK)
		< FERRITE BEAD >		JR1114	1-216-864-11	SHORT CHIP	0 (EXCEPT DB790: AEP, UK)
FB1101	1-469-152-11	FERRITE 0uH		JR1121	1-216-864-11	SHORT CHIP	0
FB1102	1-469-152-11	FERRITE 0uH		JR1200	1-216-864-11	SHORT CHIP	0
FB1104	1-414-813-11	FERRITE 0uH					
FB1105	1-414-813-11	FERRITE 0uH		JR1201	1-216-864-11	SHORT CHIP	0
FB1201	1-469-152-11	FERRITE 0uH		JR1501	1-216-864-11	SHORT CHIP	0 (DB790)
FB1202	1-469-152-11	FERRITE 0uH		JR1688	1-216-864-11	SHORT CHIP	0
FB1203	1-414-813-11	FERRITE 0uH				< SHORT >	
FB1401	1-469-152-11	FERRITE 0uH		L1901	1-216-864-11	SHORT CHIP	0
FB1407	1-414-813-11	FERRITE 0uH				< TRANSISTOR >	
FB1501	1-469-152-11	FERRITE 0uH		Q1601	8-729-027-43	TRANSISTOR	DTC114EKA-T146
FB1502	1-469-152-11	FERRITE 0uH		Q1602	8-729-230-49	TRANSISTOR	2SC2712-YG
FB1503	1-414-813-11	FERRITE 0uH		Q1603	8-729-230-49	TRANSISTOR	2SC2712-YG
FB1601	1-469-152-11	FERRITE 0uH		Q1607	8-729-230-49	TRANSISTOR	2SC2712-YG
FB1602	1-469-152-11	FERRITE 0uH				< RESISTOR >	
FB1603	1-469-152-11	FERRITE 0uH		R1100	1-216-857-11	METAL CHIP	1M 5% 1/10W
FB1604	1-469-152-11	FERRITE 0uH		R1101	1-216-833-11	METAL CHIP	10K 5% 1/10W
FB1605	1-469-152-11	FERRITE 0uH		R1102	1-216-833-11	METAL CHIP	10K 5% 1/10W
		< IC >		R1104	1-216-809-11	METAL CHIP	100 5% 1/10W
IC1101	8-759-825-15	IC LC89056W-E		R1105	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
IC1102	8-759-242-70	IC TC7WU04F					
IC1103	8-759-926-17	IC SN74HC153ANS		R1106	1-216-839-11	METAL CHIP	33K 5% 1/10W
IC1104	6-600-014-01	IC TORX141L (DIGITAL OPTICAL DVD IN)		R1107	1-216-830-11	METAL CHIP	5.6K 5% 1/10W
IC1105	6-600-014-01	IC TORX141L (DIGITAL OPTICAL TV/SAT IN)		R1108	1-216-809-11	METAL CHIP	100 5% 1/10W
IC1106	6-600-014-01	IC TORX141L (DIGITAL OPTICAL MD IN)		R1109	1-216-864-11	SHORT CHIP	0
IC1107	6-600-012-01	IC TOTX141L (DIGITAL OPTICAL MD OUT)		R1110	1-216-821-11	METAL CHIP	1K 5% 1/10W
IC1201	6-702-047-01	IC CXD9718Q					
IC1202	6-700-983-01	IC IS61LV6416-15T (ICSI)		R1111	1-216-821-11	METAL CHIP	1K 5% 1/10W
IC1204	8-759-546-74	IC TC7WH157FU (TE12R)		R1112	1-216-809-11	METAL CHIP	100 5% 1/10W
IC1401	8-759-560-56	IC PCM1800E/2K		R1113	1-216-821-11	METAL CHIP	1K 5% 1/10W
IC1402	8-759-636-55	IC M5218AFP		R1114	1-216-809-11	METAL CHIP	100 5% 1/10W
IC1403	8-759-231-53	IC TA7805S		R1115	1-216-833-11	METAL CHIP	10K 5% 1/10W
IC1501	8-759-825-12	IC PCM1604Y/2K					
IC1502	8-759-825-13	IC PCM1748E/2K		R1116	1-218-285-11	METAL CHIP	75 5% 1/10W
IC1503	8-759-196-96	IC TC7SH08FU-TE85R		R1117	1-216-817-11	METAL CHIP	470 5% 1/10W
IC1504	8-759-546-74	IC TC7WH157FU (TE12R) (DA1000ES)		R1118	1-216-853-11	METAL CHIP	470K 5% 1/10W
IC1521	8-759-636-55	IC M5218AFP		R1119	1-216-841-11	METAL CHIP	47K 5% 1/10W
IC1541	8-759-636-55	IC M5218AFP		R1120	1-216-809-11	METAL CHIP	100 5% 1/10W
IC1561	8-759-636-55	IC M5218AFP					
IC1581	8-759-636-55	IC M5218AFP		R1121	1-216-809-11	METAL CHIP	100 5% 1/10W
IC1601	6-802-990-01	IC MB90478PF-G-148-BND		R1122	1-216-809-11	METAL CHIP	100 5% 1/10W
IC1602	6-702-913-01	IC S-80929CNMC-G8ZT2G		R1123	1-216-809-11	METAL CHIP	100 5% 1/10W
IC1604	8-759-641-86	IC BR24C16F-E2		R1124	1-216-809-11	METAL CHIP	100 5% 1/10W
				R1127	1-216-809-11	METAL CHIP	100 5% 1/10W
				R1201	1-216-833-11	METAL CHIP	10K 5% 1/10W

DIGITAL

Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description				Remark
R1202	1-216-809-11	METAL CHIP	100	5%	1/10W		R1542	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R1203	1-216-833-11	METAL CHIP	10K	5%	1/10W		R1543	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1204	1-216-821-11	METAL CHIP	1K	5%	1/10W		R1544	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R1205	1-216-809-11	METAL CHIP	100	5%	1/10W		R1550	1-216-832-11	METAL CHIP	8.2K	5%	1/10W	
R1206	1-216-809-11	METAL CHIP	100	5%	1/10W		R1551	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	
R1207	1-216-809-11	METAL CHIP	100	5%	1/10W		R1552	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R1208	1-216-809-11	METAL CHIP	100	5%	1/10W		R1553	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1209	1-216-809-11	METAL CHIP	100	5%	1/10W		R1554	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R1210	1-216-833-11	METAL CHIP	10K	5%	1/10W		R1560	1-216-832-11	METAL CHIP	8.2K	5%	1/10W	
R1212	1-216-813-11	METAL CHIP	220	5%	1/10W		R1561	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	
R1213	1-216-813-11	METAL CHIP	220	5%	1/10W		R1562	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R1214	1-216-813-11	METAL CHIP	220	5%	1/10W		R1563	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1215	1-216-813-11	METAL CHIP	220	5%	1/10W		R1564	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R1216	1-216-813-11	METAL CHIP	220	5%	1/10W		R1570	1-216-832-11	METAL CHIP	8.2K	5%	1/10W	
R1217	1-216-813-11	METAL CHIP	220	5%	1/10W		R1571	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	
R1218	1-216-813-11	METAL CHIP	220	5%	1/10W		R1572	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R1219	1-216-813-11	METAL CHIP	220	5%	1/10W		R1573	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1220	1-216-813-11	METAL CHIP	220	5%	1/10W		R1574	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R1221	1-216-813-11	METAL CHIP	220	5%	1/10W		R1580	1-216-832-11	METAL CHIP	8.2K	5%	1/10W	
R1222	1-216-813-11	METAL CHIP	220	5%	1/10W		R1581	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	
R1224	1-216-809-11	METAL CHIP	100	5%	1/10W		R1582	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R1226	1-216-864-11	SHORT CHIP	0				R1583	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1304	1-216-841-11	METAL CHIP	47K	5%	1/10W		R1584	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R1305	1-216-841-11	METAL CHIP	47K	5%	1/10W		R1590	1-216-832-11	METAL CHIP	8.2K	5%	1/10W	(DA1000ES)
R1308	1-216-821-11	METAL CHIP	1K	5%	1/10W		R1591	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	(DA1000ES)
R1314	1-216-864-11	SHORT CHIP	0				R1592	1-216-837-11	METAL CHIP	22K	5%	1/10W	(DA1000ES)
R1364	1-216-864-11	SHORT CHIP	0				R1593	1-216-821-11	METAL CHIP	1K	5%	1/10W	(DA1000ES)
R1401	1-216-821-11	METAL CHIP	1K	5%	1/10W		R1594	1-216-845-11	METAL CHIP	100K	5%	1/10W	(DA1000ES)
R1402	1-216-825-11	METAL CHIP	2.2K	5%	1/10W		R1600	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1421	1-216-839-11	METAL CHIP	33K	5%	1/10W		R1601	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1422	1-216-839-11	METAL CHIP	33K	5%	1/10W		R1602	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1424	1-216-845-11	METAL CHIP	100K	5%	1/10W		R1603	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1431	1-216-839-11	METAL CHIP	33K	5%	1/10W		R1604	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1432	1-216-839-11	METAL CHIP	33K	5%	1/10W		R1605	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1434	1-216-845-11	METAL CHIP	100K	5%	1/10W		R1606	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1437	1-216-809-11	METAL CHIP	100	5%	1/10W		R1607	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1501	1-216-809-11	METAL CHIP	100	5%	1/10W		R1608	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1502	1-216-809-11	METAL CHIP	100	5%	1/10W		R1609	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1503	1-216-809-11	METAL CHIP	100	5%	1/10W		R1610	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1504	1-216-833-11	METAL CHIP	10K	5%	1/10W		R1611	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1505	1-216-809-11	METAL CHIP	100	5%	1/10W		R1612	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1506	1-216-809-11	METAL CHIP	100	5%	1/10W		R1613	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1507	1-216-809-11	METAL CHIP	100	5%	1/10W		R1614	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1508	1-216-809-11	METAL CHIP	100	5%	1/10W		R1615	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1509	1-216-809-11	METAL CHIP	100	5%	1/10W		R1616	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1512	1-216-809-11	METAL CHIP	100	5%	1/10W		R1617	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1520	1-216-832-11	METAL CHIP	8.2K	5%	1/10W		R1618	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1521	1-216-823-11	METAL CHIP	1.5K	5%	1/10W		R1619	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1522	1-216-837-11	METAL CHIP	22K	5%	1/10W		R1620	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1523	1-216-821-11	METAL CHIP	1K	5%	1/10W		R1621	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1524	1-216-845-11	METAL CHIP	100K	5%	1/10W		R1622	1-216-809-11	METAL CHIP	100	5%	1/10W	
R1530	1-216-832-11	METAL CHIP	8.2K	5%	1/10W		R1623	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R1531	1-216-823-11	METAL CHIP	1.5K	5%	1/10W		R1624	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R1532	1-216-837-11	METAL CHIP	22K	5%	1/10W								
R1533	1-216-821-11	METAL CHIP	1K	5%	1/10W								
R1534	1-216-845-11	METAL CHIP	100K	5%	1/10W								
R1540	1-216-832-11	METAL CHIP	8.2K	5%	1/10W								
R1541	1-216-823-11	METAL CHIP	1.5K	5%	1/10W								

STR-DA1000ES/DB790

Ver 1.1

DIGITAL

DISPLAY

Ref. No.	Part No.	Description	Remark		
R1625	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1626	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1627	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1628	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1629	1-216-809-11	METAL CHIP	100	5%	1/10W
R1630	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1631	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1632	1-216-809-11	METAL CHIP	100	5%	1/10W
R1633	1-216-809-11	METAL CHIP	100	5%	1/10W
R1634	1-216-841-11	METAL CHIP	47K	5%	1/10W (DB790)
R1635	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1636	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1637	1-216-809-11	METAL CHIP	100	5%	1/10W
R1638	1-216-809-11	METAL CHIP	100	5%	1/10W
R1639	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1640	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1641	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1642	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1643	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1644	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1645	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1646	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1647	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1648	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1649	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1650	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1651	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1652	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1653	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1654	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1655	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1656	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1657	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1658	1-216-809-11	METAL CHIP	100	5%	1/10W
R1662	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1663	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1664	1-216-809-11	METAL CHIP	100	5%	1/10W
R1665	1-216-809-11	METAL CHIP	100	5%	1/10W
R1666	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1667	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1668	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R1669	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1671	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1672	1-216-797-11	METAL CHIP	10	5%	1/10W
R1673	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1674	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1675	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1676	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1677	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1678	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1679	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1680	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1681	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1682	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1687	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1690	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1691	1-216-833-11	METAL CHIP	10K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R1692	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1693	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1694	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1695	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1697	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1697	1-216-829-11	METAL CHIP	4.7K	5%	(DB790: AEP, UK)
					(DB790: SP, MY, TW, KR, AUS, CH)
R1697	1-216-864-11	SHORT CHIP	0 (DA1000ES)		
R1698	1-216-809-11	METAL CHIP	100	5%	1/10W
R1699	1-216-809-11	METAL CHIP	100	5%	1/10W
R1701	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1702	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1703	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1704	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1705	1-216-809-11	METAL CHIP	100	5%	1/10W
R1710	1-216-809-11	METAL CHIP	100	5%	(DB790: AEP, UK)
					(DB790: AEP, UK)
R1711	1-216-809-11	METAL CHIP	100	5%	1/10W
					(DB790: AEP, UK)
R1712	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1713	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1714	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1715	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1716	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1717	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1718	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1719	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1720	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1721	1-216-821-11	METAL CHIP	1K	5%	1/10W
< VIBRATOR >					
X1101	1-781-465-21	VIBRATOR, CRYSTAL (12.288MHz)			
X1201	1-781-527-21	VIBRATOR, CRYSTAL (13.5MHz)			
X1601	1-781-356-21	VIBRATOR, CERAMIC (16MHz)			

A-4733-524-A		DISPLAY BOARD, COMPLETE			

*	4-245-442-01	HOLDER (FL)			
	4-921-941-01	CUSHION (FL)			
< CAPACITOR >					
C1005	1-127-888-11	CERAMIC	0.1uF	10%	50V
C1006	1-128-813-11	CERAMIC	220PF	5%	50V
C1007	1-128-813-11	CERAMIC	220PF	5%	50V
C1008	1-128-809-11	CERAMIC	100PF	5%	50V
C1009	1-127-888-11	CERAMIC	0.1uF	10%	50V
C1010	1-126-786-11	ELECT	47uF	20%	16V
C1011	1-127-888-11	CERAMIC	0.1uF	10%	50V
C1012	1-127-888-11	CERAMIC	0.1uF	10%	50V
C1013	1-127-888-11	CERAMIC	0.1uF	10%	50V
C1014	1-126-796-11	ELECT	22uF	20%	50V
C1015	1-128-813-11	CERAMIC	220PF	5%	50V
C1016	1-128-813-11	CERAMIC	220PF	5%	50V
C1017	1-128-813-11	CERAMIC	220PF	5%	50V
C1018	1-128-813-11	CERAMIC	220PF	5%	50V
C1019	1-128-813-11	CERAMIC	220PF	5%	50V

DISPLAY

FUN

HP-V3

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C1020	1-128-813-11	CERAMIC	220PF	5%	50V			< ROTARY ENCODER >			
C1021	1-128-813-11	CERAMIC	220PF	5%	50V						
C1022	1-128-813-11	CERAMIC	220PF	5%	50V	RV1051	1-467-808-21	ENCODER, ROTARY (MENU)			
C1023	1-128-813-11	CERAMIC	220PF	5%	50V	RV1052	1-467-808-21	ENCODER, ROTARY (-/+)			
C1024	1-128-813-11	CERAMIC	220PF	5%	50V			< SWITCH >			
C1025	1-128-813-11	CERAMIC	220PF	5%	50V	S1041	1-762-875-21	SWITCH, KEYBOARD (INPUT MODE)			
C1026	1-128-813-11	CERAMIC	220PF	5%	50V	S1042	1-762-875-21	SWITCH, KEYBOARD (DISPLAY)			
C1031	1-127-888-11	CERAMIC	0.1uF	10%	50V	S1043	1-762-875-21	SWITCH, KEYBOARD (MUSIC)			
C1051	1-126-786-11	ELECT	47uF	20%	16V	S1044	1-762-875-21	SWITCH, KEYBOARD (MOVIE)			
C1071	1-126-786-11	ELECT	47uF	20%	16V	S1045	1-762-875-21	SWITCH, KEYBOARD (A.F.D.)			
		< CONNECTOR >									
CN1001	1-784-749-11	CONNECTOR, FFC 27P				S1046	1-762-875-21	SWITCH, KEYBOARD (2CH)			
CN1071	1-564-506-11	PLUG, CONNECTOR 3P				S1047	1-762-875-21	SWITCH, KEYBOARD(SURR BACK DECODING)			
		< DIODE >				S1050	1-762-875-21	SWITCH, KEYBOARD (I/⏻)			
D1031	8-719-084-07	LED SEL5E20CTP15				S1051	1-762-875-21	SWITCH, KEYBOARD (TUNING +)			
		(MULTI CHANNEL DECODING)				S1052	1-762-875-21	SWITCH, KEYBOARD (TUNING -)			
D1071	8-719-118-63	DIODE RD5.6F-T7B2									
		< FLUORESCENT INDICATOR TUBE >				S1053	1-762-875-21	SWITCH, KEYBOARD (PRESET TUNING +)			
FL1603	1-518-928-11	INDICATOR TUBE, FLUORESCENT				S1054	1-762-875-21	SWITCH, KEYBOARD (PRESET TUNING -)			
		< IC >				S1056	1-762-875-21	SWITCH, KEYBOARD (MAIN MENU)			
IC1001	8-759-643-83	IC uPD16315GB-3BS				S1057	1-762-875-21	SWITCH, KEYBOARD (SPEAKERS)			
IC1006	8-759-243-51	IC TC74ACT08P				S1065	1-762-875-21	SWITCH, KEYBOARD (MEMORY/ENTER)			
IC1051	8-759-826-34	IC NJL74H400A				*****					
		< TRANSISTOR >						FUN BOARD			
Q1031	8-729-119-76	TRANSISTOR	2SA1175-HFE					*****			
Q1032	8-729-119-78	TRANSISTOR	2SC2785-HFE					< ROTARY ENCODER >			
		< RESISTOR >				RV1061	1-467-808-21	ENCODER, ROTARY (INPUT SELECTOER)			
R1004	1-249-437-11	CARBON	47K	5%	1/4W	*****					
R1005	1-249-440-11	CARBON	82K	5%	1/4W			HP-V3 BOARD			
R1009	1-249-437-11	CARBON	47K	5%	1/4W			*****			
△ R1011	1-249-381-11	CARBON	1	5%	1/4W F			< CAPACITOR >			
△ R1012	1-249-381-11	CARBON	1	5%	1/4W F	C1081	1-127-888-11	CERAMIC	0.1uF	10% 50V	
R1031	1-249-409-11	CARBON	220	5%	1/4W	C1096	1-127-868-11	CERAMIC	2200PF	10% 50V	
R1032	1-249-429-11	CARBON	10K	5%	1/4W	C1097	1-127-868-11	CERAMIC	2200PF	10% 50V	
R1033	1-249-402-11	CARBON	56	5%	1/4W	C1098	1-127-868-11	CERAMIC	2200PF	10% 50V	
R1035	1-249-429-11	CARBON	10K	5%	1/4W			< CONNECTOR >			
R1036	1-249-425-11	CARBON	4.7K	5%	1/4W	CN1081	1-784-922-11	PIN, CONNECTOR 5P			
R1037	1-249-425-11	CARBON	4.7K	5%	1/4W	CN1091	1-784-925-11	PIN, CONNECTOR 10P			
R1042	1-249-417-11	CARBON	1K	5%	1/4W			< GROUND TERMINAL >			
R1043	1-249-421-11	CARBON	2.2K	5%	1/4W	* EP1086	1-537-738-21	TERMINAL, EARTH			
R1044	1-249-421-11	CARBON	2.2K	5%	1/4W	* EP1091	1-537-738-21	TERMINAL, EARTH			
R1045	1-249-425-11	CARBON	4.7K	5%	1/4W			< IC >			
R1046	1-249-429-11	CARBON	10K	5%	1/4W	IC1081	6-600-219-01	IC GP1FM313RZ0F (DIGITAL OPTICAL)			
R1047	1-249-433-11	CARBON	22K	5%	1/4W			< JACK/TERMINAL >			
R1052	1-249-417-11	CARBON	1K	5%	1/4W	J1086	1-815-313-11	JACK (PHONES)			
R1053	1-249-421-11	CARBON	2.2K	5%	1/4W	J1091	1-770-571-11	JACK BLOCK, PIN (L TYPE) 3P			
R1054	1-249-421-11	CARBON	2.2K	5%	1/4W			(VIDEO 3 INPUT VIDEO/AUDIO)			
R1055	1-249-425-11	CARBON	4.7K	5%	1/4W	J1092	1-784-808-11	TERMINAL, S (VIDEO 3 INPUT S-VIDEO)			
R1056	1-249-429-11	CARBON	10K	5%	1/4W			< RESISTOR >			
R1058	1-249-393-11	CARBON	10	5%	1/4W	R1081	1-247-807-31	CARBON	100	5% 1/4W	
R1059	1-247-807-31	CARBON	100	5%	1/4W						

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

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

以阴影和 △ 标志来识别的零部件，在安全方面具有关键性。因此只能以规定号码的零部件来更换。

STR-DA1000ES/DB790

Ver 1.1

HP-V3

MAIN

Ref. No.	Part No.	Description	Remark		
R1092	1-249-417-11	CARBON	1K	5%	1/4W
R1093	1-249-417-11	CARBON	1K	5%	1/4W
R1094	1-247-804-11	CARBON	75	5%	1/4W
R1095	1-247-804-11	CARBON	75	5%	1/4W

R1096	1-247-804-11	CARBON	75	5%	1/4W

A-4733-533-A MAIN BOARD, COMPLETE (DA1000ES)					
A-4733-553-A MAIN BOARD, COMPLETE					
(DB790: SP, MY, TW, KR, CH)					
A-4733-568-A MAIN BOARD, COMPLETE					
(DB790: AEP, UK, AUS)					

< CAPACITOR >					
C401	1-126-933-11	ELECT	100uF	20%	16V
(DA1000ES)					
C401	1-127-718-11	ELECT	100uF	20%	16V
(DB790: SP, MY, TW, KR, CH)					
C401	1-135-681-11	ELECT	100uF	25V	
(DB790: AEP, UK, AUS)					
C402	1-102-110-00	CERAMIC	220PF	10%	50V
C403	1-128-560-11	ELECT	22uF	20%	100V
(DA1000ES)					
C403	1-128-883-11	ELECT	22uF	20%	100V
(DB790: SP, MY, TW, KR, CH)					
C403	1-135-727-11	ELECT	22uF	100V	
(DB790: AEP, UK, AUS)					
C404	1-128-560-11	ELECT	22uF	20%	100V
(DA1000ES)					
C404	1-128-883-11	ELECT	22uF	20%	100V
(DB790: SP, MY, TW, KR, CH)					
C404	1-135-727-11	ELECT	22uF	100V	
(DB790: AEP, UK, AUS)					
C413	1-127-876-11	CERAMIC	0.01uF	10%	50V
C416	1-136-161-00	MYLAR	0.047uF	5%	50V
C417	1-136-165-00	MYLAR	0.1uF	5%	50V
C418	1-126-934-11	ELECT	220uF	20%	16V
(DA1000ES)					
C418	1-127-719-11	ELECT	220uF	20%	16V
(DB790: SP, MY, TW, KR, CH)					
C418	1-135-710-11	ELECT	220uF	16V	
(DB790: AEP, UK, AUS)					
C419	1-128-809-11	CERAMIC	100PF	5%	50V
C431	1-126-947-11	ELECT	47uF	20%	35V
(DA1000ES)					
C431	1-128-840-11	ELECT	47uF	20%	16V
(DB790: SP, MY, TW, KR, CH)					
C431	1-135-708-11	ELECT	47uF	16V	
(DB790: AEP, UK, AUS)					
C432	1-128-813-11	CERAMIC	220PF	5%	50V
C456	1-126-933-11	ELECT	100uF	20%	16V
(DA1000ES)					
C456	1-127-718-11	ELECT	100uF	20%	16V
(DB790: SP, MY, TW, KR, CH)					
C456	1-135-681-11	ELECT	100uF	25V	
(DB790: AEP, UK, AUS)					
C457	1-102-110-00	CERAMIC	220PF	10%	50V
C463	1-127-876-11	CERAMIC	0.01uF	10%	50V
C466	1-136-161-00	MYLAR	0.047uF	5%	50V
C467	1-136-165-00	MYLAR	0.1uF	5%	50V

Ref. No.	Part No.	Description	Remark		
C468	1-126-934-11	ELECT	220uF	20%	16V
(DA1000ES)					
C468	1-127-719-11	ELECT	220uF	20%	16V
(DB790: SP, MY, TW, KR, CH)					
C468	1-135-710-11	ELECT	220uF	16V	
(DB790: AEP, UK, AUS)					
C481	1-126-947-11	ELECT	47uF	20%	35V
(DA1000ES)					
C481	1-128-840-11	ELECT	47uF	20%	16V
(DB790: SP, MY, TW, KR, CH)					
C481	1-135-708-11	ELECT	47uF	16V	
(DB790: AEP, UK, AUS)					
C482	1-128-813-11	CERAMIC	220PF	5%	50V
C501	1-126-933-11	ELECT	100uF	20%	16V
(DA1000ES)					
C501	1-127-718-11	ELECT	100uF	20%	16V
(DB790: SP, MY, TW, KR, CH)					
C501	1-135-681-11	ELECT	100uF	25V	
(DB790: AEP, UK, AUS)					
C502	1-102-110-00	CERAMIC	220PF	10%	50V
C513	1-127-876-11	CERAMIC	0.01uF	10%	50V
C516	1-136-161-00	MYLAR	0.047uF	5%	50V
C517	1-136-165-00	MYLAR	0.1uF	5%	50V
C518	1-126-934-11	ELECT	220uF	20%	16V
(DA1000ES)					
C518	1-127-719-11	ELECT	220uF	20%	16V
(DB790: SP, MY, TW, KR, CH)					
C518	1-135-710-11	ELECT	220uF	16V	
(DB790: AEP, UK, AUS)					
C519	1-128-809-11	CERAMIC	100PF	5%	50V
C531	1-126-947-11	ELECT	47uF	20%	35V
(DA1000ES)					
C531	1-128-840-11	ELECT	47uF	20%	16V
(DB790: SP, MY, TW, KR, CH)					
C531	1-135-708-11	ELECT	47uF	16V	
(DB790: AEP, UK, AUS)					
C532	1-128-813-11	CERAMIC	220PF	5%	50V
C551	1-126-933-11	ELECT	100uF	20%	16V
(DA1000ES)					
C551	1-127-718-11	ELECT	100uF	20%	16V
(DB790: SP, MY, TW, KR, CH)					
C551	1-135-681-11	ELECT	100uF	25V	
(DB790: AEP, UK, AUS)					
C552	1-102-110-00	CERAMIC	220PF	10%	50V
C563	1-127-876-11	CERAMIC	0.01uF	10%	50V
C566	1-136-161-00	MYLAR	0.047uF	5%	50V
C567	1-136-165-00	MYLAR	0.1uF	5%	50V
C568	1-126-934-11	ELECT	220uF	20%	16V
(DA1000ES)					
C568	1-127-719-11	ELECT	220uF	20%	16V
(DB790: SP, MY, TW, KR, CH)					
C568	1-135-710-11	ELECT	220uF	16V	
(DB790: AEP, UK, AUS)					
C581	1-126-947-11	ELECT	47uF	20%	35V
(DA1000ES)					
C581	1-128-840-11	ELECT	47uF	20%	16V
(DB790: SP, MY, TW, KR, CH)					
C581	1-135-708-11	ELECT	47uF	16V	
(DB790: AEP, UK, AUS)					
C582	1-128-813-11	CERAMIC	220PF	5%	50V
C601	1-126-933-11	ELECT	100uF	20%	16V
(DA1000ES)					

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C601	1-127-718-11	ELECT	100uF 20% 16V (DB790: SP, MY, TW, KR, CH)	C751	1-127-718-11	ELECT	100uF 20% 16V (DB790: SP, MY, TW, KR, CH)
C601	1-135-681-11	ELECT	100uF 25V (DB790: AEP, UK, AUS)	C751	1-135-681-11	ELECT	100uF 25V (DB790: AEP, UK, AUS)
C602	1-102-110-00	CERAMIC	220PF 10% 50V	C752	1-102-110-00	CERAMIC	220PF 10% 50V
C613	1-127-876-11	CERAMIC	0.01uF 10% 50V	C753	1-126-933-11	ELECT	100uF 20% 16V (DA1000ES)
C616	1-136-161-00	MYLAR	0.047uF 5% 50V				
C617	1-136-165-00	MYLAR	0.1uF 5% 50V	C753	1-127-718-11	ELECT	100uF 20% 16V (DB790: SP, MY, TW, KR, CH)
C618	1-126-934-11	ELECT	220uF 20% 16V (DA1000ES)	C753	1-135-681-11	ELECT	100uF 25V (DB790: AEP, UK, AUS)
C618	1-127-719-11	ELECT	220uF 20% 16V (DB790: SP, MY, TW, KR, CH)	C768	1-126-934-11	ELECT	220uF 20% 16V (DA1000ES)
C618	1-135-710-11	ELECT	220uF 16V (DB790: AEP, UK, AUS)	C768	1-127-719-11	ELECT	220uF 20% 16V (DB790: SP, MY, TW, KR, CH)
C619	1-128-809-11	CERAMIC	100PF 5% 50V	C768	1-135-710-11	ELECT	220uF 16V (DB790: AEP, UK, AUS)
C631	1-126-947-11	ELECT	47uF 20% 35V (DA1000ES)	C805	1-135-655-11	ELECT	470uF 6.3V
C631	1-128-840-11	ELECT	47uF 20% 16V (DB790: SP, MY, TW, KR, CH)	C807	1-126-965-11	ELECT	22uF 20% 50V
C631	1-135-708-11	ELECT	47uF 16V (DB790: AEP, UK, AUS)	C812	1-127-868-11	CERAMIC	2200PF 10% 50V
C632	1-128-813-11	CERAMIC	220PF 5% 50V	C813	1-127-868-11	CERAMIC	2200PF 10% 50V
C651	1-126-933-11	ELECT	100uF 20% 16V (DA1000ES)	C814	1-126-947-11	ELECT	47uF 20% 16V
C652	1-102-110-00	CERAMIC	220PF 10% 50V (DA1000ES)	C815	1-126-947-11	ELECT	47uF 20% 16V
C663	1-127-876-11	CERAMIC	0.01uF 10% 50V	C816	1-127-888-11	CERAMIC	0.1uF 10% 50V
C666	1-136-161-00	MYLAR	0.047uF 5% 50V	C817	1-126-947-11	ELECT	47uF 20% 35V (DA1000ES)
C667	1-136-165-00	MYLAR	0.1uF 5% 50V	C817	1-128-850-11	ELECT	47uF 20% 35V (DB790: SP, MY, TW, KR, CH)
C668	1-126-934-11	ELECT	220uF 20% 16V (DA1000ES)	C817	1-135-775-11	ELECT	47uF 35V (DB790: AEP, UK, AUS)
C669	1-128-809-11	CERAMIC	100PF 5% 50V	C818	1-128-551-11	ELECT	22uF 20% 63V (DA1000ES)
C681	1-126-947-11	ELECT	47uF 20% 35V (DA1000ES)	C818	1-128-858-11	ELECT	22uF 20% 50V (DB790: SP, MY, TW, KR, CH)
C681	1-128-840-11	ELECT	47uF 20% 16V (DB790: SP, MY, TW, KR, CH)	C818	1-135-703-11	ELECT	22uF 25V (DB790: AEP, UK, AUS)
C681	1-135-708-11	ELECT	47uF 16V (DB790: AEP, UK, AUS)	C819	1-128-551-11	ELECT	22uF 20% 63V (DA1000ES)
C682	1-128-813-11	CERAMIC	220PF 5% 50V	C819	1-128-858-11	ELECT	22uF 20% 50V (DB790: SP, MY, TW, KR, CH)
C701	1-126-933-11	ELECT	100uF 20% 16V (DA1000ES)	C819	1-135-703-11	ELECT	22uF 25V (DB790: AEP, UK, AUS)
C701	1-127-718-11	ELECT	100uF 20% 16V (DB790: SP, MY, TW, KR, CH)	C821	1-127-876-11	CERAMIC	0.01uF 10% 50V
C701	1-135-681-11	ELECT	100uF 25V (DB790: AEP, UK, AUS)	C822	1-126-947-11	ELECT	47uF 20% 16V
C702	1-102-110-00	CERAMIC	220PF 10% 50V	< CONNECTOR >			
C713	1-127-876-11	CERAMIC	0.01uF 10% 50V (DA1000ES)	CN401	1-770-382-11	CONNECTOR, BOARD TO BOARD 12P	
C716	1-136-161-00	MYLAR	0.047uF 5% 50V (DA1000ES)	CN402	1-573-852-11	CONNECTOR, BOARD TO BOARD 20P	
C717	1-136-165-00	MYLAR	0.1uF 5% 50V (DA1000ES)	CN403	1-573-852-11	CONNECTOR, BOARD TO BOARD 20P	
C718	1-126-934-11	ELECT	220uF 20% 16V (DA1000ES)	CN404	1-573-852-11	CONNECTOR, BOARD TO BOARD 20P	
C718	1-127-719-11	ELECT	220uF 20% 16V (DB790: SP, MY, TW, KR, CH)	CN405	1-573-852-11	CONNECTOR, BOARD TO BOARD 20P	
C718	1-135-710-11	ELECT	220uF 16V (DB790: AEP, UK, AUS)	CN406	1-766-715-21	CONNECTOR, BOARD TO BOARD 10P	
C751	1-126-933-11	ELECT	100uF 20% 16V (DA1000ES)	CN407	1-766-715-21	CONNECTOR, BOARD TO BOARD 10P	
				CN408	1-766-715-21	CONNECTOR, BOARD TO BOARD 10P	
				CN408	1-766-715-21	CONNECTOR, BOARD TO BOARD 10P	
				* CN409	1-691-765-11	PLUG (MICRO CONNECTOR) 3P	
				CN411	1-770-010-21	CONNECTOR, BOARD TO BOARD 4P	
				CN412	1-770-722-11	CONNECTOR, BOARD TO BOARD 6P	
				CN413	1-770-010-21	CONNECTOR, BOARD TO BOARD 4P	
				CN416	1-564-320-00	PIN, CONNECTOR (3.96mm PITCH) 2P (DA1000ES)	

MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
CN417	1-779-978-11	PIN, CONNECTOR 3P		IC652	8-759-167-88	IC NJM4565D	
CN420	1-770-379-11	CONNECTOR, BOARD TO BOARD 6P		IC804	8-759-243-51	IC TC74ACT08P	
CN421	1-770-379-11	CONNECTOR, BOARD TO BOARD 6P		IC805	8-759-243-51	IC TC74ACT08P	
CN423	1-785-101-11	PIN, CONNECTOR (3.96mm PITCH) 3P		< TRANSISTOR >			
(DA1000ES)				Q401	8-729-141-30	TRANSISTOR	2SC3623A-LK
* CN432	1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P		Q431	8-729-044-08	TRANSISTOR	2SD1915 (F) -T (TA).SO
* CN482	1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P		Q432	8-729-140-82	TRANSISTOR	2SA988-PAFAEA
CN501	1-770-382-11	CONNECTOR, BOARD TO BOARD 12P		Q433	8-729-140-82	TRANSISTOR	2SA988-PAFAEA
* CN532	1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P		Q451	8-729-141-30	TRANSISTOR	2SC3623A-LK
* CN582	1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P		Q481	8-729-044-08	TRANSISTOR	2SD1915 (F) -T (TA).SO
CN601	1-770-379-11	CONNECTOR, BOARD TO BOARD 6P		Q482	8-729-140-82	TRANSISTOR	2SA988-PAFAEA
* CN632	1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P		Q483	8-729-140-82	TRANSISTOR	2SA988-PAFAEA
CN651	1-770-381-11	CONNECTOR, BOARD TO BOARD 10P		Q501	8-729-141-30	TRANSISTOR	2SC3623A-LK
* CN682	1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P		Q531	8-729-044-08	TRANSISTOR	2SD1915 (F) -T (TA).SO
< DIODE >				Q532	8-729-140-82	TRANSISTOR	2SA988-PAFAEA
D411	8-719-991-33	DIODE 1SS133T-77		Q533	8-729-140-82	TRANSISTOR	2SA988-PAFAEA
D431	8-719-991-33	DIODE 1SS133T-77		Q551	8-729-141-30	TRANSISTOR	2SC3623A-LK
D461	8-719-991-33	DIODE 1SS133T-77		Q581	8-729-044-08	TRANSISTOR	2SD1915 (F) -T (TA).SO
D481	8-719-991-33	DIODE 1SS133T-77		Q582	8-729-140-82	TRANSISTOR	2SA988-PAFAEA
D511	8-719-991-33	DIODE 1SS133T-77		Q583	8-729-140-82	TRANSISTOR	2SA988-PAFAEA
D531	8-719-991-33	DIODE 1SS133T-77		Q601	8-729-141-30	TRANSISTOR	2SC3623A-LK
D561	8-719-991-33	DIODE 1SS133T-77		Q631	8-729-044-08	TRANSISTOR	2SD1915 (F) -T (TA).SO
D581	8-719-991-33	DIODE 1SS133T-77		Q632	8-729-140-82	TRANSISTOR	2SA988-PAFAEA
D611	8-719-991-33	DIODE 1SS133T-77		Q633	8-729-140-82	TRANSISTOR	2SA988-PAFAEA
D631	8-719-991-33	DIODE 1SS133T-77		Q651	8-729-141-30	TRANSISTOR	2SC3623A-LK
D661	8-719-991-33	DIODE 1SS133T-77		Q681	8-729-044-08	TRANSISTOR	2SD1915 (F) -T (TA).SO
D681	8-719-991-33	DIODE 1SS133T-77		Q682	8-729-140-82	TRANSISTOR	2SA988-PAFAEA
D711	8-719-991-33	DIODE 1SS133T-77 (DA1000ES)		Q683	8-729-140-82	TRANSISTOR	2SA988-PAFAEA
D731	8-719-991-33	DIODE 1SS133T-77 (DA1000ES)		Q701	8-729-141-30	TRANSISTOR	2SC3623A-LK (DA1000ES)
D805	8-719-991-33	DIODE 1SS133T-77		Q732	8-729-140-82	TRANSISTOR	2SA988-PAFAEA(DA1000ES)
D807	8-719-991-33	DIODE 1SS133T-77		Q751	8-729-141-30	TRANSISTOR	2SC3623A-LK
D808	8-719-991-33	DIODE 1SS133T-77		Q802	8-729-119-78	TRANSISTOR	2SC2785-HFE
D810	8-719-991-33	DIODE 1SS133T-77		Q803	8-729-140-82	TRANSISTOR	2SA988-PAFAEA
D812	8-719-991-33	DIODE 1SS133T-77		Q805	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA
D814	8-719-991-33	DIODE 1SS133T-77		Q807	8-729-119-79	TRANSISTOR	2SC2785-FEK
D815	8-719-985-88	DIODE HZS6B2LTA		Q808	8-729-119-79	TRANSISTOR	2SC2785-FEK
D816	8-719-991-33	DIODE 1SS133T-77		Q809	8-729-119-79	TRANSISTOR	2SC2785-FEK
D817	8-719-991-33	DIODE 1SS133T-77		Q810	8-729-900-63	TRANSISTOR	DTA124ES
D818	8-719-991-33	DIODE 1SS133T-77		Q811	8-729-119-79	TRANSISTOR	2SC2785-FEK
D819	8-719-991-33	DIODE 1SS133T-77		Q813	8-729-900-63	TRANSISTOR	DTA124ES
D820	8-719-991-33	DIODE 1SS133T-77		Q822	8-729-900-36	TRANSISTOR	DTC124ES
D821	8-719-110-56	DIODE RD22ESB1		Q823	8-729-119-79	TRANSISTOR	2SC2785-FEK
D822	8-719-110-56	DIODE RD22ESB1		Q824	8-729-119-78	TRANSISTOR	2SC2785-HFE
D823	8-719-922-45	DIODE MTZJ-T-73-5.6C		Q826	8-729-119-79	TRANSISTOR	2SC2785-FEK
< GROUND TERMINAL >				< RESISTOR >			
EB403	4-924-264-01	TERMINAL, MOUNT		R401	1-249-427-11	CARBON	6.8K 5% 1/4W
< IC >				R402	1-249-417-11	CARBON	1K 5% 1/4W
IC401	6-702-387-01	IC CXD9725M		R403	1-249-441-11	CARBON	100K 5% 1/4W
IC402	8-759-167-88	IC NJM4565D		R404	1-249-417-11	CARBON	1K 5% 1/4W
IC501	6-702-387-01	IC CXD9725M		△ R412	1-249-405-11	CARBON	100 5% 1/4W F
IC502	8-759-167-88	IC NJM4565D		△ R413	1-249-405-11	CARBON	100 5% 1/4W F
IC601	6-702-387-01	IC CXD9725M		△ R414	1-234-182-11	ENCAPSULATED COMPONENT	0.22 5W F (DA1000ES)
IC602	8-759-167-88	IC NJM4565D		△ R414	1-234-572-21	ENCAPSULATED COMPONENT	0.22 5W F (DB790)
IC651	6-702-387-01	IC CXD9725M		R415	1-249-437-11	CARBON	47K 5% 1/4W
				R416	1-249-441-11	CARBON	100K 5% 1/4W

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Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description	Remark			
△ R419	1-249-393-11	CARBON	10	5%	1/4W	F	△ R564	1-234-572-21	ENCAPSULATED COMPONENT 0.22	5W	F	(DB790)	
R431	1-249-414-11	CARBON	560	5%	1/4W		R565	1-249-437-11	CARBON	47K	5%	1/4W	
R432	1-249-422-11	CARBON	2.7K	5%	1/4W		R566	1-249-441-11	CARBON	100K	5%	1/4W	
△ R435	1-240-855-11	CARBON	6.2K	5%	1/4W	F	△ R569	1-249-393-11	CARBON	10	5%	1/4W	F
R436	1-249-425-11	CARBON	4.7K	5%	1/4W		R581	1-249-414-11	CARBON	560	5%	1/4W	
R437	1-249-420-11	CARBON	1.8K	5%	1/4W		R582	1-249-422-11	CARBON	2.7K	5%	1/4W	
R438	1-249-439-11	CARBON	68K	5%	1/4W		△ R585	1-240-855-11	CARBON	6.2K	5%	1/4W	F
R439	1-249-431-11	CARBON	15K	5%	1/4W		R586	1-249-425-11	CARBON	4.7K	5%	1/4W	
R443	1-249-437-11	CARBON	47K	5%	1/4W		R587	1-249-420-11	CARBON	1.8K	5%	1/4W	
R451	1-249-427-11	CARBON	6.8K	5%	1/4W		R588	1-249-439-11	CARBON	68K	5%	1/4W	
R457	1-249-417-11	CARBON	1K	5%	1/4W		R589	1-249-431-11	CARBON	15K	5%	1/4W	
R458	1-249-441-11	CARBON	100K	5%	1/4W		R593	1-249-437-11	CARBON	47K	5%	1/4W	
△ R462	1-249-405-11	CARBON	100	5%	1/4W	F	R601	1-249-427-11	CARBON	6.8K	5%	1/4W	
△ R463	1-249-405-11	CARBON	100	5%	1/4W	F	R602	1-249-417-11	CARBON	1K	5%	1/4W	
△ R464	1-234-182-11	ENCAPSULATED COMPONENT 0.22	5W	F	(DA1000ES)		R603	1-249-441-11	CARBON	100K	5%	1/4W	
△ R464	1-234-572-21	ENCAPSULATED COMPONENT 0.22	5W	F	(DB790)		R604	1-249-417-11	CARBON	1K	5%	1/4W	
R465	1-249-437-11	CARBON	47K	5%	1/4W		△ R612	1-249-405-11	CARBON	100	5%	1/4W	F
R466	1-249-441-11	CARBON	100K	5%	1/4W		△ R613	1-249-405-11	CARBON	100	5%	1/4W	F
△ R469	1-249-393-11	CARBON	10	5%	1/4W	F	△ R614	1-234-182-11	ENCAPSULATED COMPONENT 0.22	5W	F	(DA1000ES)	
R481	1-249-414-11	CARBON	560	5%	1/4W		△ R614	1-234-572-21	ENCAPSULATED COMPONENT 0.22	5W	F	(DB790)	
R482	1-249-422-11	CARBON	2.7K	5%	1/4W		R615	1-249-437-11	CARBON	47K	5%	1/4W	
△ R485	1-240-855-11	CARBON	6.2K	5%	1/4W	F	R616	1-249-441-11	CARBON	100K	5%	1/4W	
R486	1-249-425-11	CARBON	4.7K	5%	1/4W		△ R619	1-249-393-11	CARBON	10	5%	1/4W	F
R487	1-249-420-11	CARBON	1.8K	5%	1/4W		R631	1-249-414-11	CARBON	560	5%	1/4W	
R488	1-249-439-11	CARBON	68K	5%	1/4W		R632	1-249-422-11	CARBON	2.7K	5%	1/4W	
R489	1-249-431-11	CARBON	15K	5%	1/4W		△ R635	1-240-855-11	CARBON	6.2K	5%	1/4W	F
R493	1-249-437-11	CARBON	47K	5%	1/4W		R636	1-249-425-11	CARBON	4.7K	5%	1/4W	
R501	1-249-427-11	CARBON	6.8K	5%	1/4W		R637	1-249-420-11	CARBON	1.8K	5%	1/4W	
R502	1-249-417-11	CARBON	1K	5%	1/4W		R638	1-249-439-11	CARBON	68K	5%	1/4W	
R503	1-249-441-11	CARBON	100K	5%	1/4W		R639	1-249-431-11	CARBON	15K	5%	1/4W	
R504	1-249-417-11	CARBON	1K	5%	1/4W		R643	1-249-437-11	CARBON	47K	5%	1/4W	
△ R512	1-249-405-11	CARBON	100	5%	1/4W	F	R651	1-249-427-11	CARBON	6.8K	5%	1/4W	
△ R513	1-249-405-11	CARBON	100	5%	1/4W	F	R652	1-249-417-11	CARBON	1K	5%	1/4W	
△ R514	1-234-182-11	ENCAPSULATED COMPONENT 0.22	5W	F	(DA1000ES)							(DA1000ES)	
△ R514	1-234-572-21	ENCAPSULATED COMPONENT 0.22	5W	F	(DB790)		R653	1-249-441-11	CARBON	100K	5%	1/4W	
R515	1-249-437-11	CARBON	47K	5%	1/4W		R654	1-249-417-11	CARBON	1K	5%	1/4W	
R516	1-249-441-11	CARBON	100K	5%	1/4W		△ R662	1-249-405-11	CARBON	100	5%	1/4W	F
△ R519	1-249-393-11	CARBON	10	5%	1/4W	F	△ R663	1-249-405-11	CARBON	100	5%	1/4W	F
R531	1-249-414-11	CARBON	560	5%	1/4W		△ R664	1-234-182-11	ENCAPSULATED COMPONENT 0.22	5W	F	(DA1000ES)	
R532	1-249-422-11	CARBON	2.7K	5%	1/4W		△ R664	1-234-572-21	ENCAPSULATED COMPONENT 0.22	5W	F	(DB790)	
△ R535	1-240-855-11	CARBON	6.2K	5%	1/4W	F	R665	1-249-437-11	CARBON	47K	5%	1/4W	
R536	1-249-425-11	CARBON	4.7K	5%	1/4W		R666	1-249-441-11	CARBON	100K	5%	1/4W	
R537	1-249-420-11	CARBON	1.8K	5%	1/4W		△ R669	1-249-393-11	CARBON	10	5%	1/4W	F
R538	1-249-439-11	CARBON	68K	5%	1/4W		R681	1-249-414-11	CARBON	560	5%	1/4W	
R539	1-249-431-11	CARBON	15K	5%	1/4W		R682	1-249-422-11	CARBON	2.7K	5%	1/4W	
R543	1-249-437-11	CARBON	47K	5%	1/4W		△ R685	1-240-855-11	CARBON	6.2K	5%	1/4W	F
R551	1-249-427-11	CARBON	6.8K	5%	1/4W		R686	1-249-425-11	CARBON	4.7K	5%	1/4W	
R552	1-249-417-11	CARBON	1K	5%	1/4W		R687	1-249-420-11	CARBON	1.8K	5%	1/4W	
R553	1-249-441-11	CARBON	100K	5%	1/4W		R688	1-249-439-11	CARBON	68K	5%	1/4W	
△ R562	1-249-405-11	CARBON	100	5%	1/4W	F	R689	1-249-431-11	CARBON	15K	5%	1/4W	
△ R563	1-249-405-11	CARBON	100	5%	1/4W	F	R693	1-249-437-11	CARBON	47K	5%	1/4W	
△ R564	1-234-182-11	ENCAPSULATED COMPONENT 0.22	5W	F	(DA1000ES)		R701	1-249-427-11	CARBON	6.8K	5%	1/4W	
												(DA1000ES)	

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以阴影和 △ 标志来识别的零部件，在安全方面具有关键性。因此只能以规定号码的零部件来更换。

STR-DA1000ES/DB790

MAIN	PRI	S-VIDEO
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Ref. No.	Part No.	Description	Remark
R702	1-249-417-11	CARBON 1K 5%	1/4W
R703	1-249-441-11	CARBON 100K 5%	1/4W
R715	1-249-437-11	CARBON 47K 5%	1/4W
R716	1-249-441-11	CARBON 100K 5%	1/4W
△ R719	1-249-393-11	CARBON 10 5%	1/4W F
R738	1-249-439-11	CARBON 68K 5%	1/4W
R739	1-249-431-11	CARBON 15K 5%	1/4W
R743	1-249-437-11	CARBON 47K 5%	1/4W
R751	1-249-427-11	CARBON 6.8K 5%	1/4W
R752	1-249-417-11	CARBON 1K 5%	1/4W
R753	1-249-441-11	CARBON 100K 5%	1/4W
R782	1-249-441-11	CARBON 100K 5%	1/4W
R802	1-249-417-11	CARBON 1K 5%	1/4W
R805	1-249-429-11	CARBON 10K 5%	1/4W
R806	1-249-433-11	CARBON 22K 5%	1/4W
R807	1-249-429-11	CARBON 10K 5%	1/4W
R812	1-249-421-11	CARBON 2.2K 5%	1/4W
R813	1-249-421-11	CARBON 2.2K 5%	1/4W
R814	1-249-421-11	CARBON 2.2K 5%	1/4W
R815	1-249-429-11	CARBON 10K 5%	1/4W
R816	1-249-429-11	CARBON 10K 5%	1/4W
R817	1-249-429-11	CARBON 10K 5%	1/4W
R818	1-249-429-11	CARBON 10K 5%	1/4W
R820	1-249-421-11	CARBON 2.2K 5%	1/4W
R821	1-249-429-11	CARBON 10K 5%	1/4W
△ R824	1-215-867-00	METAL OXIDE 470 5%	1W F
△ R825	1-215-867-00	METAL OXIDE 470 5%	1W F
R826	1-247-903-00	CARBON 1M 5%	1/4W
R827	1-249-417-11	CARBON 1K 5%	1/4W
R828	1-249-425-11	CARBON 4.7K 5%	1/4W
△ R829	1-249-393-11	CARBON 10 5%	1/4W F
R833	1-247-903-00	CARBON 1M 5%	1/4W
R838	1-249-421-11	CARBON 2.2K 5%	1/4W
R839	1-249-429-11	CARBON 10K 5%	1/4W
△ R841	1-249-399-11	CARBON 33 5%	1/4W F
△ R846	1-249-399-11	CARBON 33 5%	1/4W F
R847	1-249-421-11	CARBON 2.2K 5%	1/4W
R848	1-249-429-11	CARBON 10K 5%	1/4W
△ R849	1-249-393-11	CARBON 10 5%	1/4W F
R850	1-249-429-11	CARBON 10K 5%	1/4W
R851	1-249-427-11	CARBON 6.8K 5%	1/4W
R852	1-249-433-11	CARBON 22K 5%	1/4W
R853	1-249-433-11	CARBON 22K 5%	1/4W
< VARIABLE RESISTOR >			
RV431	1-238-597-11	RES, ADJ, CARBON 1K	
RV481	1-238-597-11	RES, ADJ, CARBON 1K	
RV531	1-238-597-11	RES, ADJ, CARBON 1K	
RV581	1-238-597-11	RES, ADJ, CARBON 1K	
RV631	1-238-597-11	RES, ADJ, CARBON 1K	
RV681	1-238-597-11	RES, ADJ, CARBON 1K	

Ref. No.	Part No.	Description	Remark
< RELAY >			
RY806	1-515-920-11	RELAY (24V)	
RY807	1-755-483-11	RELAY	

	1-689-173-11	PRI BOARD	

< CONNECTOR >			
* CN3	1-565-792-11	PIN, CONNECTOR (3.96mm PITCH) 2P	

	A-4733-530-A	S-VIDEO BOARD, COMPLETE (DA1000ES)	
	A-4733-550-A	S-VIDEO BOARD, COMPLETE (DB790)	

< CAPACITOR >			
C850	1-128-805-11	CERAMIC 47PF 5%	50V
C851	1-128-805-11	CERAMIC 47PF 5%	50V
C852	1-128-805-11	CERAMIC 47PF 5%	50V
C853	1-128-805-11	CERAMIC 47PF 5%	50V
C854	1-128-825-11	CERAMIC 2200PF 5%	50V
C855	1-136-165-00	MYLAR 0.1uF 5%	50V
C856	1-136-165-00	MYLAR 0.1uF 5%	50V
C857	1-136-165-00	MYLAR 0.1uF 5%	50V
C858	1-126-964-11	ELECT 10uF 20%	50V
C859	1-126-964-11	ELECT 10uF 20%	50V
C860	1-126-964-11	ELECT 10uF 20%	50V
C861	1-128-825-11	CERAMIC 2200PF 5%	50V
C862	1-128-825-11	CERAMIC 2200PF 5%	50V
C863	1-127-888-11	CERAMIC 0.1uF 10%	50V
C864	1-136-165-00	MYLAR 0.1uF 5%	50V
C867	1-127-888-11	CERAMIC 0.1uF 10%	50V
C869	1-127-888-11	CERAMIC 0.1uF 10%	50V
C870	1-126-964-11	ELECT 10uF 20%	50V
C872	1-127-888-11	CERAMIC 0.1uF 10%	50V
C877	1-127-888-11	CERAMIC 0.1uF 10%	50V
(DA1000ES)			
C878	1-126-916-11	ELECT 1000uF 20%	6.3V
(DA1000ES)			
C879	1-126-960-11	ELECT 1uF 20%	50V
(DA1000ES)			
C890	1-104-665-11	ELECT 100uF 20%	25V
(DA1000ES)			
< CONNECTOR >			
CN851	1-766-719-41	CONNECTOR, BOARD TO BOARD 10P	
* CN853	1-564-720-11	PIN, CONNECTOR (SMALL TYPE) 4P	
CN854	1-573-825-11	CONNECTOR, BOARD TO BOARD 11P	
< DIODE >			
D850	8-719-991-33	DIODE 1SS133T-77	
D851	8-719-991-33	DIODE 1SS133T-77	
D852	8-719-991-33	DIODE 1SS133T-77 (DA1000ES)	
D853	8-719-991-33	DIODE 1SS133T-77 (DA1000ES)	
< IC >			
IC850	6-701-890-01	IC NJM2595D	
IC851	6-701-890-01	IC NJM2595D	

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S-VIDEO

SBL

SEC1

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
IC852	8-759-822-05	IC LA7213 (DA1000ES)				< DIODE >	
		< JACK >		D2701	8-719-109-89	DIODE RD5.6ESB2	
J850	1-794-937-11	CONNECTOR (DIN) 2P (VIDEO S-VIDEO DVD IN, TV/SAT IN)				< TRANSISTOR >	
J851	1-537-943-11	CONNECTOR (DIN) 1P (VIDEO S-VIDEO MONITOR OUT)		Q731	8-729-044-08	TRANSISTOR 2SD1915 (F) -T (TA).SO	
J852	1-794-937-11	CONNECTOR (DIN) 2P (VIDEO S-VIDEO VIDEO 1 IN/OUT)		Q733	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
		< TRANSISTOR >		Q2701	8-729-045-15	TRANSISTOR 2SC5169-FG	
Q850	8-729-030-02	TRANSISTOR DTC144ESA (DA1000ES)		Q2703	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q851	8-729-201-53	TRANSISTOR 2SA1015TP-YGR (DA1000ES)		Q2704	8-729-199-22	TRANSISTOR 2SA992-FA	
		< RESISTOR >		Q2705	8-729-021-74	TRANSISTOR 2SA949-OY	
				Q2706	8-729-021-73	TRANSISTOR 2SC2229-OY	
						< RESISTOR >	
R854	1-247-804-11	CARBON 75 5% 1/4W		△R712	1-249-405-11	CARBON 100 5% 1/4W	F
R855	1-247-804-11	CARBON 75 5% 1/4W		△R713	1-249-405-11	CARBON 100 5% 1/4W	F
R856	1-247-804-11	CARBON 75 5% 1/4W		△R714	1-234-182-11	ENCAPSULATED COMPONENT 0.22 5W	F
R857	1-247-804-11	CARBON 75 5% 1/4W		R731	1-249-414-11	CARBON 560 5% 1/4W	
R858	1-247-804-11	CARBON 75 5% 1/4W		R732	1-249-422-11	CARBON 2.7K 5% 1/4W	
				△R735	1-240-855-11	CARBON 6.2K 5% 1/4W	F
R859	1-247-804-11	CARBON 75 5% 1/4W		R736	1-249-425-11	CARBON 4.7K 5% 1/4W	
R860	1-247-804-11	CARBON 75 5% 1/4W		R737	1-249-420-11	CARBON 1.8K 5% 1/4W	
R861	1-247-804-11	CARBON 75 5% 1/4W		R2701	1-249-417-11	CARBON 1K 5% 1/4W	
R862	1-247-804-11	CARBON 75 5% 1/4W		R2702	1-249-438-11	CARBON 56K 5% 1/4W	
R863	1-247-804-11	CARBON 75 5% 1/4W					
				R2703	1-249-411-11	CARBON 330 5% 1/4W	
R864	1-247-883-00	CARBON 150K 5% 1/4W (DA1000ES)		R2704	1-249-418-11	CARBON 1.2K 5% 1/4W	
R865	1-249-411-11	CARBON 330 5% 1/4W (DA1000ES)		R2705	1-249-425-11	CARBON 4.7K 5% 1/4W	
R866	1-249-421-11	CARBON 2.2K 5% 1/4W (DA1000ES)		R2706	1-249-418-11	CARBON 1.2K 5% 1/4W	
R867	1-249-429-11	CARBON 10K 5% 1/4W (DA1000ES)		R2707	1-249-414-11	CARBON 560 5% 1/4W	
		< RELAY >		R2708	1-247-843-11	CARBON 3.3K 5% 1/4W	
RY850	1-755-359-11	RELAY (DA1000ES)		R2709	1-249-560-31	CARBON 2.2K 5% 1/4W	
*****				R2710	1-249-594-31	CARBON 56K 5% 1/4W	
A-4733-518-A	SBL BOARD, COMPLETE (DA1000ES)			R2711	1-249-441-11	CARBON 100K 5% 1/4W	
	*****			R2712	1-249-441-11	CARBON 100K 5% 1/4W	
		< CAPACITOR >		△R2713	1-249-413-11	CARBON 470 5% 1/4W	F
C731	1-126-947-11	ELECT 47uF 20% 35V		△R2714	1-249-406-11	CARBON 120 5% 1/4W	F
C732	1-128-813-11	CERAMIC 220PF 5% 50V		△R2715	1-249-406-11	CARBON 120 5% 1/4W	F
C2701	1-137-505-11	FILM 220PF 5% 100V		R2716	1-249-435-11	CARBON 33K 5% 1/4W	
C2702	1-128-551-11	ELECT 22uF 20% 63V		△R2717	1-249-393-11	CARBON 10 5% 1/4W	F
C2704	1-126-934-11	ELECT 220uF 20% 16V		△R2718	1-249-393-11	CARBON 10 5% 1/4W	F
				R2719	1-249-407-11	CARBON 150 5% 1/4W	
						< VARIABLE RESISTOR >	
C2705	1-126-940-11	ELECT 330uF 20% 25V		RV731	1-238-597-11	RES, ADJ, CARBON 1K	
C2706	1-102-230-00	CERAMIC 4PF 0.25PF 500V		*****			
C2707	1-102-233-00	CERAMIC 33PF 10% 500V			1-689-174-11	SEC1 BOARD	
C2708	1-137-383-11	MYLAR 220PF 5% 100V				*****	
C2807	1-128-582-11	ELECT 10uF 20% 100V				< CONNECTOR >	
				CN52	1-785-103-11	PIN, CONNECTOR (3.96mm PITCH) 5P	
C2808	1-128-582-11	ELECT 10uF 20% 100V		CN53	1-691-765-31	PLUG (MICRO CONNECTOR) 3P	
		< CONNECTOR >		*****			
CN732	1-564-718-11	PIN, CONNECTOR (SMALL TYPE) 2P					
CN2701	1-778-227-41	CONNECTOR, BOARD TO BOARD 6P					
CN2703	1-770-011-41	CONNECTOR, BOARD TO BOARD 4P					

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以阴影和 △ 标志来识别的零部件，在安全方面具有关键性。因此只能以规定号码的零部件来更换。

STR-DA1000ES/DB790

SEC3

SP-A

SP-B

Ref. No.	Part No.	Description	Remark		
	1-689-176-11	SEC3 BOARD *****			
< CONNECTOR >					
CN57	1-691-766-11	PLUG (MICRO CONNECTOR) 4P			
CN58	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			

	1-688-636-11	SP-A BOARD *****			
< CAPACITOR >					
C443	1-127-872-11	CERAMIC	4700PF	10%	50V (DB790)
C444	1-128-809-11	CERAMIC	100PF	5%	50V (DA1000ES)
C444	1-128-817-11	CERAMIC	470PF	5%	50V (DB790)
C448	1-128-809-11	CERAMIC	100PF	5%	50V (DA1000ES)
C448	1-128-817-11	CERAMIC	470PF	5%	50V (DB790)
C449	1-127-872-11	CERAMIC	4700PF	10%	50V (DB790)
C493	1-127-872-11	CERAMIC	4700PF	10%	50V (DB790)
C498	1-128-809-11	CERAMIC	100PF	5%	50V (DA1000ES)
C498	1-128-817-11	CERAMIC	470PF	5%	50V (DB790)
C499	1-127-872-11	CERAMIC	4700PF	10%	50V (DB790)
C548	1-128-809-11	CERAMIC	100PF	5%	50V (DA1000ES)
C548	1-128-817-11	CERAMIC	470PF	5%	50V (DB790)
C549	1-127-872-11	CERAMIC	4700PF	10%	50V (DB790)
C598	1-128-809-11	CERAMIC	100PF	5%	50V (DA1000ES)
C598	1-128-817-11	CERAMIC	470PF	5%	50V (DB790)
C599	1-127-872-11	CERAMIC	4700PF	10%	50V (DB790)
C698	1-128-809-11	CERAMIC	100PF	5%	50V (DA1000ES)
C698	1-128-817-11	CERAMIC	470PF	5%	50V (DB790)
< CONNECTOR >					
CN447	1-770-011-41	CONNECTOR, BOARD TO BOARD 4P			
CN448	1-770-011-41	CONNECTOR, BOARD TO BOARD 4P			
* CN449	1-770-727-11	CONNECTOR, BOARD TO BOARD 8P			
CN450	1-770-011-41	CONNECTOR, BOARD TO BOARD 4P			
< DIODE >					
D444	8-719-991-33	DIODE 1SS133T-77			
D449	8-719-991-33	DIODE 1SS133T-77			
D549	8-719-991-33	DIODE 1SS133T-77			

Ref. No.	Part No.	Description	Remark		
< COIL >					
L449	1-420-872-52	COIL, AIR-CORE			
L499	1-420-872-52	COIL, AIR-CORE			
L549	1-420-872-52	COIL, AIR-CORE			
L599	1-420-872-52	COIL, AIR-CORE			
< RESISTOR >					
△ R443	1-249-393-11	CARBON	10	5%	1/4W F (DB790)
△ R444	1-249-393-11	CARBON	10	5%	1/4W F
△ R447	1-249-393-11	CARBON	10	5%	1/4W F
△ R448	1-249-393-11	CARBON	10	5%	1/4W F (DB790)
△ R449	1-249-393-11	CARBON	10	5%	1/4W F
△ R493	1-249-393-11	CARBON	10	5%	1/4W F (DB790)
△ R498	1-249-393-11	CARBON	10	5%	1/4W F (DB790)
△ R499	1-249-393-11	CARBON	10	5%	1/4W F
△ R547	1-249-393-11	CARBON	10	5%	1/4W F
△ R548	1-249-393-11	CARBON	10	5%	1/4W F (DB790)
△ R549	1-249-393-11	CARBON	10	5%	1/4W F
△ R598	1-249-393-11	CARBON	10	5%	1/4W F (DB790)
△ R599	1-249-393-11	CARBON	10	5%	1/4W F
< RELAY >					
RY444	1-515-920-11	RELAY (24V)			
RY449	1-515-920-11	RELAY (24V)			
RY549	1-515-920-11	RELAY (24V)			
< TERMINAL >					
TM449	1-780-033-11	TERMINAL BOARD (SP) (8P) (SPEAKERS FRONT B, SURR)			(DA1000ES)
TM449	1-780-033-21	TERMINAL BOARD (SP) (8P) (SPEAKERS FRONT B, SURR)			(DB790)
TM699	1-694-933-12	TERMINAL BOARD (SP) (4P) (SPEAKERS FRONT A)			(DA1000ES)
TM699	1-694-933-21	TERMINAL BOARD (SP) (4P) (SPEAKERS FRONT A)			(DB790)

	1-688-637-11	SP-B BOARD			

< CAPACITOR >					
C210	1-127-868-11	CERAMIC	2200PF	10%	50V
C494	1-128-809-11	CERAMIC	100PF	5%	50V
					(DA1000ES)
C494	1-128-817-11	CERAMIC	470PF	5%	50V
					(DB790)
C648	1-128-809-11	CERAMIC	100PF	5%	50V
					(DA1000ES)
C699	1-127-872-11	CERAMIC	4700PF	10%	50V
					(DB790)
C748	1-128-809-11	CERAMIC	100PF	5%	50V
					(DA1000ES)
C748	1-128-817-11	CERAMIC	470PF	5%	50V
					(DB790)

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SP-B

STAY

STAY2

STAY3

STAY4

TH

VIDEO

Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description	Remark			
C749	1-127-872-11	CERAMIC	4700PF	10%	50V	(DB790)	1-689-748-11	STAY3 BOARD	*****				
< CONNECTOR >							< CONNECTOR >						
CN443	1-770-011-41	CONNECTOR, BOARD TO BOARD 4P					CN2706	1-770-011-41	CONNECTOR, BOARD TO BOARD 4P				
CN444	1-770-726-11	CONNECTOR, BOARD TO BOARD 6P					CN2707	1-770-011-41	CONNECTOR, BOARD TO BOARD 4P				
CN451	1-770-011-41	CONNECTOR, BOARD TO BOARD 4P					*****						
< DIODE >							1-689-784-11	STAY4 BOARD	*****				
D649	8-719-991-33	DIODE	1SS133T-77 (DA1000ES)				< CONNECTOR >						
D699	8-719-991-33	DIODE	1SS133T-77				< CONNECTOR >						
< JACK >							CN452	1-770-011-41	CONNECTOR, BOARD TO BOARD 4P				
J203	1-770-377-31	JACK, PIN 1P (SUB WOOFER)					CN453	1-770-011-41	CONNECTOR, BOARD TO BOARD 4P				
< COIL >							TH BOARD						
L649	1-420-872-52	COIL, AIR-CORE (DA1000ES)					*****						
L699	1-420-872-52	COIL, AIR-CORE					< CONNECTOR >						
L749	1-420-872-52	COIL, AIR-CORE					CN911	1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P				
< RESISTOR >							< THERMISTOR >						
R209	1-249-417-11	CARBON	1K	5%	1/4W		THP901	1-817-728-11	SENSOR, THERMISTOR				
△ R648	1-249-393-11	CARBON	10	5%	1/4W F	(DA1000ES)	*****						
△ R649	1-249-393-11	CARBON	10	5%	1/4W F	(DA1000ES)	1-688-645-11	VIDEO BOARD	*****				
△ R697	1-249-393-11	CARBON	10	5%	1/4W F		< CAPACITOR >						
△ R698	1-249-393-11	CARBON	10	5%	1/4W F	(DB790)	C301	1-128-805-11	CERAMIC	47PF	5%	50V	
△ R699	1-249-393-11	CARBON	10	5%	1/4W F		C302	1-127-868-11	CERAMIC	2200PF	10%	50V	
△ R748	1-249-393-11	CARBON	10	5%	1/4W F	(DB790)	C303	1-126-964-11	ELECT	10uF	20%	50V	
△ R749	1-249-393-11	CARBON	10	5%	1/4W F		C304	1-127-868-11	CERAMIC	2200PF	10%	50V	
< RELAY >							C305	1-128-805-11	CERAMIC	47PF	5%	50V	
RY649	1-515-920-11	RELAY (24V) (DA1000ES)					C306	1-126-964-11	ELECT	10uF	20%	50V	
RY699	1-515-920-11	RELAY (24V)					C307	1-128-805-11	CERAMIC	47PF	5%	50V	
< TERMINAL >							C308	1-127-868-11	CERAMIC	2200PF	10%	50V	
TM444	1-694-933-21	TERMINAL BOARD (SP) (4P) (SPEAKERS CENTER, SURROUND BACK) (DB790)					C309	1-126-964-11	ELECT	10uF	20%	50V	
TM444	1-780-038-11	TERMINAL BOARD (SP) (6P) (SPEAKERS CENTER, SURR BACK) (DA1000ES)					C310	1-126-964-11	ELECT	10uF	20%	50V	
*****							C311	1-127-888-11	CERAMIC	0.1uF	10%	50V	
1-689-177-11	STAY BOARD (DB790)					C313	1-126-964-11	ELECT	10uF	20%	50V		
*****							C315	1-127-888-11	CERAMIC	0.1uF	10%	50V	
< CONNECTOR >							< CONNECTOR >						
1-689-177-11	STAY BOARD (DB790)					CN301	1-766-719-41	CONNECTOR, BOARD TO BOARD 10P					
*****							< DIODE >						
< CONNECTOR >							D301	8-719-991-33	DIODE	1SS133T-77			
CN2704	1-778-227-41	CONNECTOR, BOARD TO BOARD 6P					D302	8-719-991-33	DIODE	1SS133T-77			
*****							< IC >						
1-689-747-11	STAY2 BOARD (DB790)					IC301	6-701-890-01	IC NJM2595D					
*****							< JACK >						
< CONNECTOR >							J302	1-794-970-11	JACK, PIN 1P (VIDEO MONITOR OUT)				
CN2705	1-770-011-41	CONNECTOR, BOARD TO BOARD 4P					J304	1-794-978-11	JACK, PIN 3P				
*****							(VIDEO VIDEO 1 IN, VIDEO 1 OUT, VIDEO 2 IN)						

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STR-DA1000ES/DB790
Ver. 1.4

VIDEO	VIDEO-AU	VOL
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<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>		
J305	1-794-978-11	JACK, PIN 3P (VIDEO VIDEO 2 OUT, DVD IN, TV/SAT IN)			
< RESISTOR >					
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

VIDEO-AU BOARD					

< CAPACITOR >					
C201	1-127-868-11	CERAMIC	2200PF	10%	50V
C211	1-127-880-11	CERAMIC	0.022uF	10%	50V
C212	1-127-880-11	CERAMIC	0.022uF	10%	50V
C213	1-128-809-11	CERAMIC	100PF	5%	50V
C214	1-127-876-11	CERAMIC	0.01uF	10%	50V
C215	1-127-868-11	CERAMIC	2200PF	10%	50V
< CONNECTOR >					
CN201	1-766-719-41	CONNECTOR, BOARD TO BOARD 10P			
* CN202	1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P			
< IC >					
IC201	8-759-582-65	IC	TC9273N-014		
< JACK >					
J201	1-774-411-11	JACK, PIN 6P (VIDEO AUDIO VIDEO 2 OUT, DVD IN, TV/SAT IN)			
J202	1-774-411-11	JACK, PIN 6P (VIDEO AUDIO VIDEO 1 IN, VIDEO 1 OUT, VIDEO 2 IN)			
< RESISTOR >					
R201	1-249-417-11	CARBON	1K	5%	1/4W
R202	1-249-417-11	CARBON	1K	5%	1/4W
R203	1-249-421-11	CARBON	2.2K	5%	1/4W
R204	1-249-417-11	CARBON	1K	5%	1/4W
R205	1-249-421-11	CARBON	2.2K	5%	1/4W
R206	1-249-417-11	CARBON	1K	5%	1/4W
△R207	1-249-399-11	CARBON	33	5%	1/4W F
△R208	1-249-399-11	CARBON	33	5%	1/4W F
R211	1-249-417-11	CARBON	1K	5%	1/4W
R251	1-249-417-11	CARBON	1K	5%	1/4W
R252	1-249-417-11	CARBON	1K	5%	1/4W
R253	1-249-421-11	CARBON	2.2K	5%	1/4W
R254	1-249-417-11	CARBON	1K	5%	1/4W
R255	1-249-421-11	CARBON	2.2K	5%	1/4W
R256	1-249-417-11	CARBON	1K	5%	1/4W

Ref. No.	Part No.	Description	Remark
		VOL BOARD	*****
< CONNECTOR >			
CN1060	1-779-978-11	PIN, CONNECTOR 3P	
< ROTARY ENCODER >			
RV1060	1-418-725-41	ENCODER, ROTARY (12 TYPE) (MASTER VOLUME)	*****
MISCELLANEOUS			

△ 53	1-696-847-21	CORD, POWER (AUS)	
△ 53	1-769-079-22	CORD, POWER (KR)	
△ 53	1-769-743-11	CORD, POWER (CND)	
△ 53	1-777-071-23	CORD, POWER (AEP, UK, SP, MY)	
△ 53	1-782-464-22	CORD, POWER (CH)	
△ 53	1-783-820-11	CORD, POWER (US)	
△ 53	1-827-597-41	CORD, POWER (TW)	
108	1-769-938-11	WIRE (FLAT TYPE) (11 CORE) (DA1000ES/DB790: SP, MY, TW, KR, AUS, CH)	
108	1-773-002-11	WIRE (FLAT TYPE) (15 CORE) (AEP, UK)	
354	1-773-270-11	WIRE (FLAT TYPE) (27 CORE)	
F1	1-532-504-51	FUSE (4A/250V) (DB790: AEP, UK, SP, MY, KR, AUS, CH)	
F1	1-533-312-11	FUSE, GLASS CYLINDRICAL (DIA.5) (10A/125V) (DA1000ES/DB790: TW)	
F2	1-532-464-51	FUSE (T2.5AL/250V) (DB790: SP, MY)	
F2	1-533-312-11	FUSE, GLASS CYLINDRICAL (DIA.5) (10A/125V) (DA1000ES)	
F903	1-532-504-51	FUSE (4A/250V) (DB790)	
F903	1-576-108-11	FUSE (4A/125V) (DA1000ES)	
F904	1-532-504-51	FUSE (4A/250V) (DB790)	
F904	1-576-108-11	FUSE (4A/125V) (DA1000ES)	
IC952	8-759-231-53	IC M5F7805L	
IC953	8-759-231-53	IC M5F7805L	
IC954	8-759-245-87	IC M5F7915L	
IC955	8-759-231-59	IC M5F7815L	
Q402	6-702-390-01	IC MN2488-OPY-MK	
Q403	6-702-391-01	IC MP1620-OPY-MK	
Q452	6-702-390-01	IC MN2488-OPY-MK	
Q453	6-702-391-01	IC MP1620-OPY-MK	
Q502	6-702-390-01	IC MN2488-OPY-MK	
Q503	6-702-391-01	IC MP1620-OPY-MK	
Q552	6-702-390-01	IC MN2488-OPY-MK	
Q553	6-702-391-01	IC MP1620-OPY-MK	
Q602	6-702-390-01	IC MN2488-OPY-MK	
Q603	6-702-391-01	IC MP1620-OPY-MK	
Q652	6-702-390-01	IC MN2488-OPY-MK	
Q653	6-702-391-01	IC MP1620-OPY-MK	
Q702	6-702-390-01	IC MN2488-OPY-MK	
Q703	6-702-391-01	IC MP1620-OPY-MK	
△ T901	1-439-800-11	TRANSFORMER, POWER (DB790: CH)	
△ T901	1-439-801-11	TRANSFORMER, POWER (DB790: TW)	
△ T901	1-439-802-11	TRANSFORMER, POWER (DA1000ES)	
△ T901	1-439-803-11	TRANSFORMER, POWER (DB790: AEP, UK, SP, MY, KR, AUS)	

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Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
TU301	1-693-577-21	TUNER (DA1000ES)		4-247-244-71	MANUAL (PP412), INSTRUCTION		
TU301	1-693-578-21	TUNER (DB790: AEP, UK)			(PORTUGUESE, DANISH, FINNISH, RUSSIAN) (DB790: AEP)		
TU301	1-693-580-23	TUNER (DB790: SP, MY, TW, KR, AUS, CH)		4-247-244-81	MANUAL (PP412), INSTRUCTION (GREEK, HUNGARIAN, CZECH, TURKISH, SLOVAKIAN)		(DB790: AEP)
*****				4-250-659-11	MANUAL, INSTRUCTION (CHINESE)		(DB790: CH)
ACCESSORIES							

△	1-477-793-11	COMMANDER, STANDARD (RM-PP412)	(DB790)				
	1-477-843-11	COMMANDER, STANDARD (RM-LG112)	(DA1000ES)				
	1-501-374-72	ANTENNA, LOOP (AM)					
	1-501-807-12	ANTENNA (FM)					
	1-770-019-11	ADAPTOR, CONVERSION PLUG 3P	(DB790: UK, AUS)				
	1-793-184-21	CONNECTOR (F TYPE ADAPTOR) (FM)	(DA1000ES)				
	3-071-119-01	COVER, BATTERY (for REMOTE COMMANDER)					
	4-246-802-11	MANUAL, INSTRUCTION (ENGLISH)	(DA1000ES/DB790: AEP, UK, AUS, SP, MY, TW)				
	4-246-802-21	MANUAL, INSTRUCTION (FRENCH)	(DA1000ES: CND/DB790: AEP, SP, MY)				
	4-246-802-31	MANUAL, INSTRUCTION (SPANISH)	(DB790: AEP, SP, MY)				
	4-246-802-41	MANUAL, INSTRUCTION	(GERMAN, DUTCH, ITALIAN) (DB790: AEP)				
	4-246-802-51	MANUAL, INSTRUCTION (SWEDISH, POLISH)	(DB790: AEP)				
	4-246-802-61	MANUAL, INSTRUCTION (TRADITIONAL CHINESE)	(DB790: SP, MY, TW)				
	4-246-802-71	MANUAL, INSTRUCTION (KOREAN)	(DB790: KR)				
	4-247-240-11	MANUAL (1-2), INSTRUCTION (PORTUGUESE)	(DB790: AEP)				
	4-247-240-21	MANUAL (1-2), INSTRUCTION	(DANISH, FINNISH) (DB790: AEP)				
	4-247-240-31	MANUAL (1-2), INSTRUCTION (RUSSIAN)	(DB790: AEP)				
	4-247-240-41	MANUAL (1-2), INSTRUCTION (GREEK)	(DB790: AEP)				
	4-247-240-51	MANUAL (1-2), INSTRUCTION	(HUNGARIAN, CZECH) (DB790: AEP)				
	4-247-240-61	MANUAL (1-2), INSTRUCTION (SLOVAKIAN)	(DB790: AEP)				
	4-247-243-11	MANUAL (LG112), INSTRUCTION (ENGLISH)	(DA1000ES)				
	4-247-243-21	MANUAL (LG112), INSTRUCTION (FRENCH)	(DA1000ES: CND)				
	4-247-244-11	MANUAL (PP412), INSTRUCTION (ENGLISH)	(DB790: AEP, UK, AUS, SP, MY)				
	4-247-244-21	MANUAL (PP412), INSTRUCTION (FRENCH)	(DB790: AEP, SP, MY)				
	4-247-244-31	MANUAL (PP412), INSTRUCTION (SPANISH)	(DB790: AEP, SP, MY)				
	4-247-244-41	MANUAL (PP412), INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN, POLISH)	(DB790: AEP)				
	4-247-244-51	MANUAL (PP412), INSTRUCTION	(TRADITIONAL CHINESE) (DB790: SP, MY, TW)				
	4-247-244-61	MANUAL (PP412), INSTRUCTION	(KOREAN) (DB790: KR)				

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

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

以阴影和 △ 标志来识别的零部件，在安全方面具有关键性。因此只能以规定号码的零部件来更换。

MEMO

STR-DA1000ES/DB790

SONY®

SERVICE MANUAL

Ver. 1.5 2006.11

US Model
Canadian Model
STR-DA1000ES
AEP Model
UK Model
E Model
Australian Model
Chinese Model
STR-DB790

SUPPLEMENT-1

File this supplement with the service manual.

Subject: Change of MAIN board (Suffix-15)
Change of specified value for bias adjustment according to change in MAIN board

In this set, MAIN board has been changed in the midway of production.
Moreover, specified value for bias adjustment has been changed at the same time as changing MAIN board.
Only new MAIN board and bias adjustment corresponding to new MAIN board have been described.
Refer to original service manual for other information.

1. NEW/FORMER DISCRIMINATION

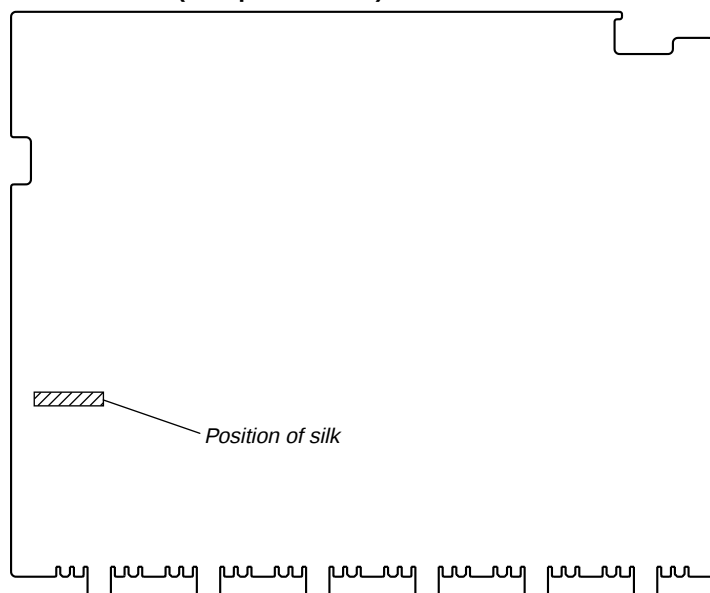
Perform after confirming which type set of the repair referring to the following.

	Printed on Silk	Remark
Former type	1-688-629-11, -12	Refer to original service manual
New type	1-688-629-13, -14, -15	Refer to service manual supplement-1

Note 1: In original service manual, only suffix-11 has been described.

Note 2: In service manual supplement-1, only suffix-15 has been described.

– MAIN Board (Component Side) –



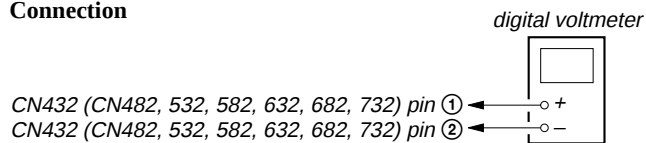
2. ELECTRICAL ADJUSTMENT

BIAS ADJUSTMENT

Condition:

input signal: no signal (no load)
volume: minimum

Connection



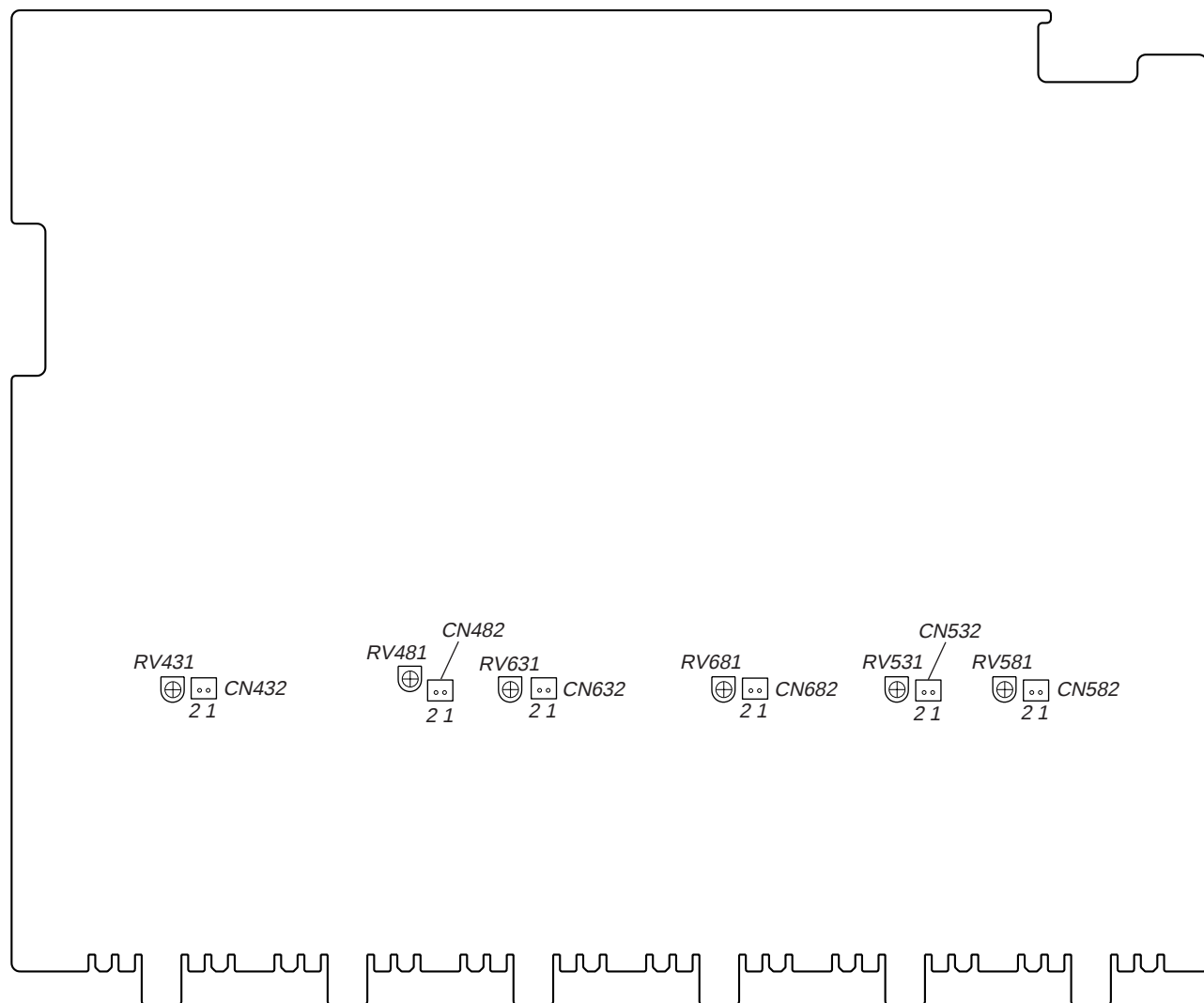
Procedure:

1. Connect a digital voltmeter to the CN432 (CN482, CN532, CN582, CN632, CN682) on the MAIN board or CN732 on the SBL board (STR-DA1000ES only).
2. Press the button to turn on the main power.
3. Adjust the RV431 (RV481, RV531, RV581, RV631, RV681) on the MAIN board or RV731 on the SBL board (STR-DA1000ES only) so that the digital voltmeter reading is 8 ± 2 mV.

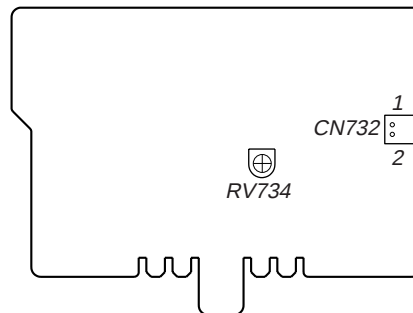
Note: When the adjusting voltage is higher than 8 ± 2 mV, adjust the voltage to the minimum voltage.

Adjustment and Connection Location:

– MAIN BOARD (Component Side) –



– SBL BOARD (Component Side) –

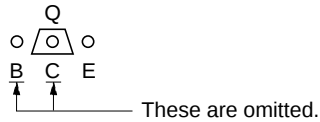


3. DIAGRAMS

• Note for Printed Wiring Boards and Schematic Diagrams

Note on Printed Wiring Board:

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



Note on Schematic Diagram:

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

Note:

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

Note:

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

原理图和零件清单中标有 $\triangle$ 记号的零部件、或带有 $\triangle$ 记号的虚线所圈示的零部件，对于维系安全至关重要。因此只能以指定号码的零部件来更换。

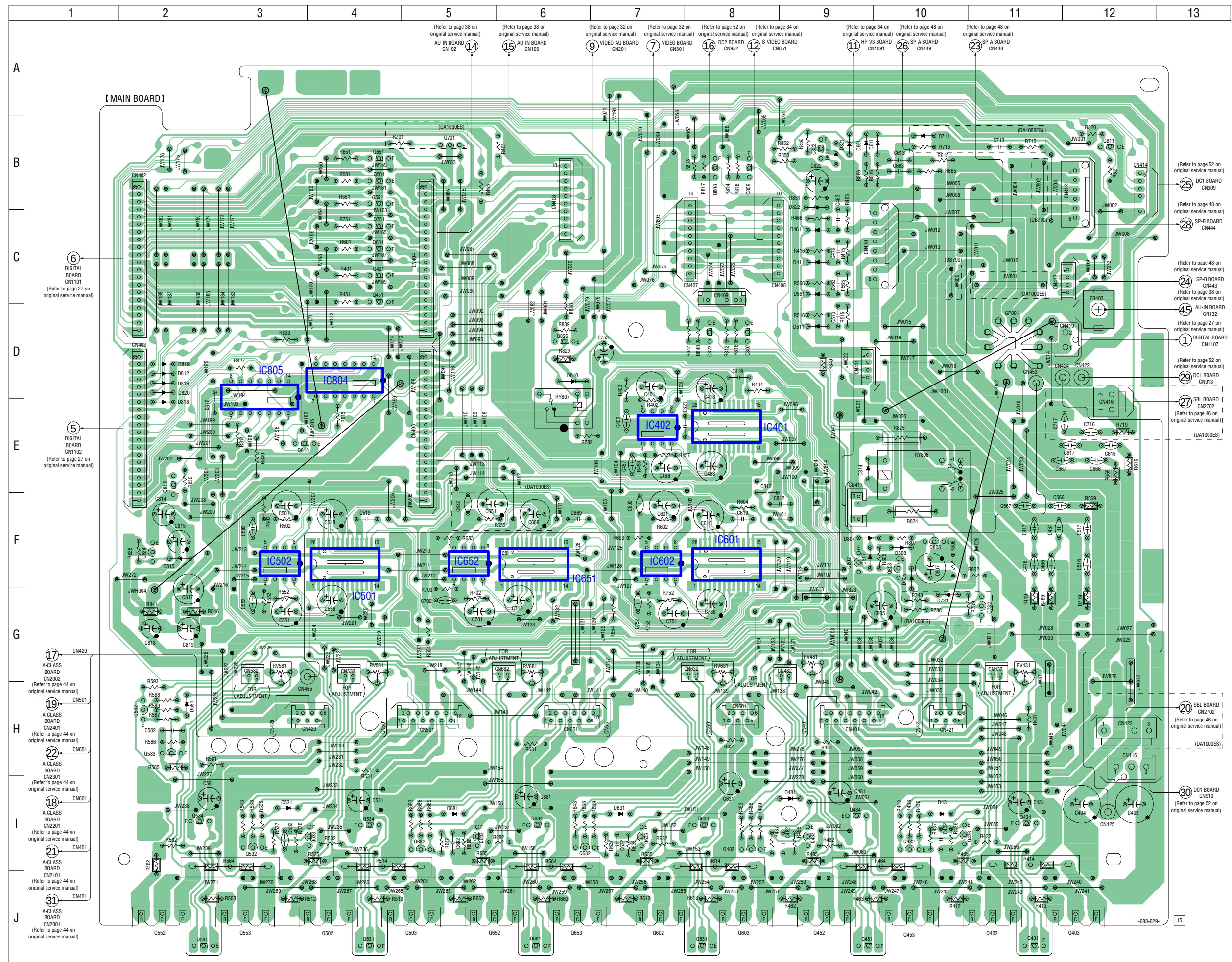
- : B+ Line.
- - - : B- Line.
- : adjustment for repair.
- Voltages are dc with respect to ground under no-signal conditions.
no mark : TUNER
- Voltages are taken with a VOM (Input impedance 10 M Ω). Voltage variations may be noted due to normal production tolerances.
- Signal path.
 -  : TUNER
 -  : AUDIO (ANALOG)
 -  : VIDEO
- Abbreviation
 - AUS : Australian model
 - CH : Chinese model
 - KR : Korean model
 - MY : Malaysia model
 - SP : Singapore model
 - TW : Taiwan model

STR-DA1000ES/DB790

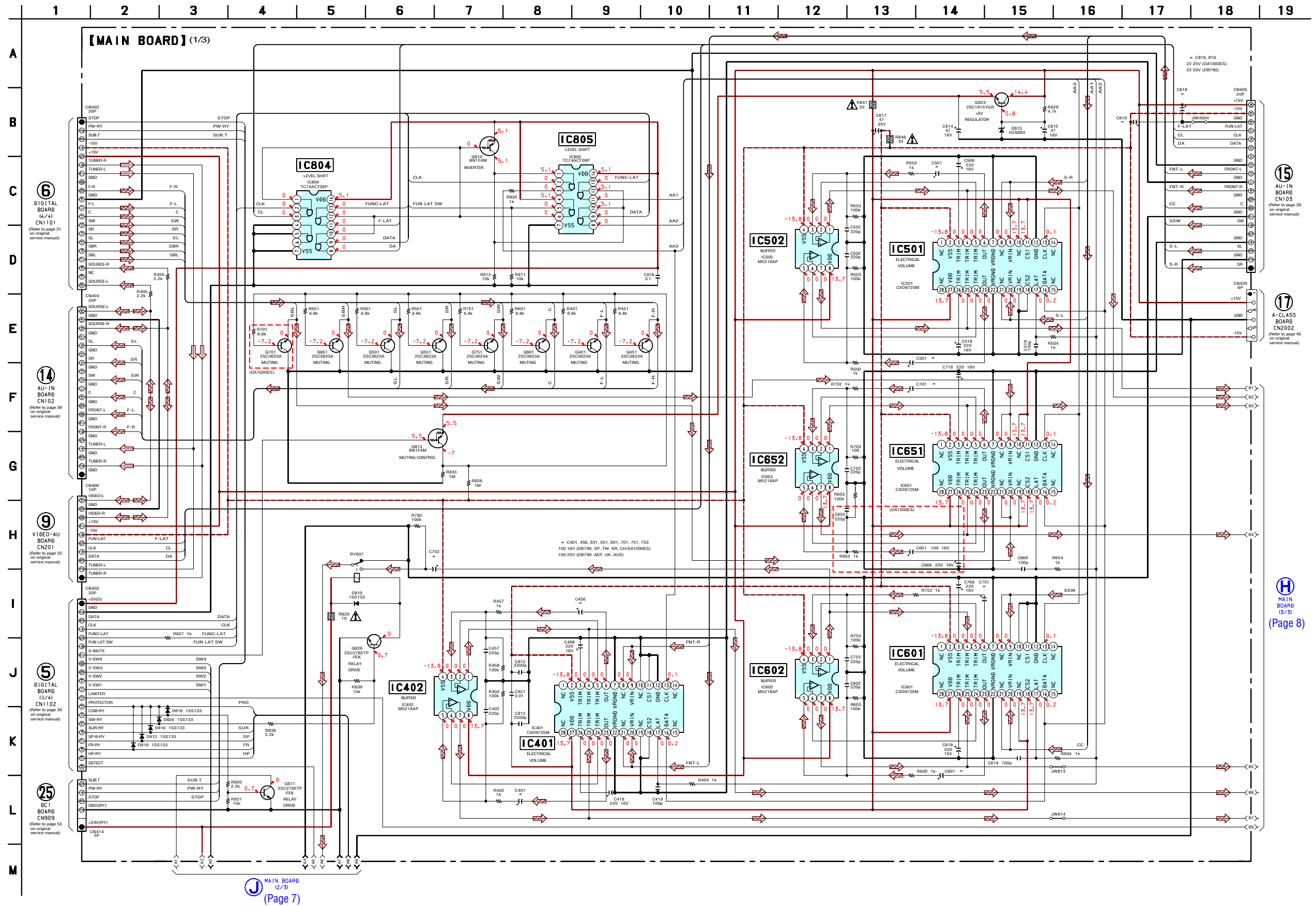
• Semiconductor Location – MAIN Board –

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D411	C-9	IC502	F-3	Q582	H-2
D431	I-10	IC601	F-8	Q583	H-2
D461	C-9	IC602	F-7	Q584	I-2
D481	I-9	IC651	F-6	Q601	C-4
D511	D-9	IC652	F-5	Q602	J-7
D531	I-3	IC804	D-4	Q603	J-8
D561	C-9	IC805	D-3	Q631	J-8
D581	H-2			Q632	I-6
D611	B-10	Q401	C-4	Q633	I-7
D631	I-7	Q402	J-11	Q634	I-8
D661	B-9	Q403	J-12	Q651	B-4
D681	I-5	Q431	J-11	Q652	J-5
D711	B-10	Q432	I-10	Q653	J-6
D731	G-10	Q433	I-10	Q681	J-6
D805	F-10	Q434	I-11	Q682	I-5
D807	F-9	Q451	C-4	Q683	I-5
D808	F-10	Q452	J-9	Q684	I-6
D810	D-6	Q453	J-10	Q701	B-5
D812	D-2	Q481	J-9	Q732	G-11
D814	E-9	Q482	I-8	Q751	C-4
D815	F-2	Q483	I-9	Q802	F-9
D816	D-2	Q484	I-9	Q803	F-10
D817	F-9	Q501	B-4	Q805	F-10
D818	E-2	Q502	J-4	Q807	D-8
D819	D-2	Q503	J-5	Q808	B-8
D820	D-2	Q531	J-4	Q809	B-8
D821	B-9	Q532	I-3	Q810	E-3
D822	B-9	Q533	I-4	Q811	B-12
D823	B-9	Q534	I-4	Q813	E-2
		Q551	B-4	Q822	B-9
IC401	E-8	Q552	J-2	Q823	D-8
IC402	E-7	Q553	J-3	Q824	F-2
IC501	F-4	Q581	J-2	Q826	D-6

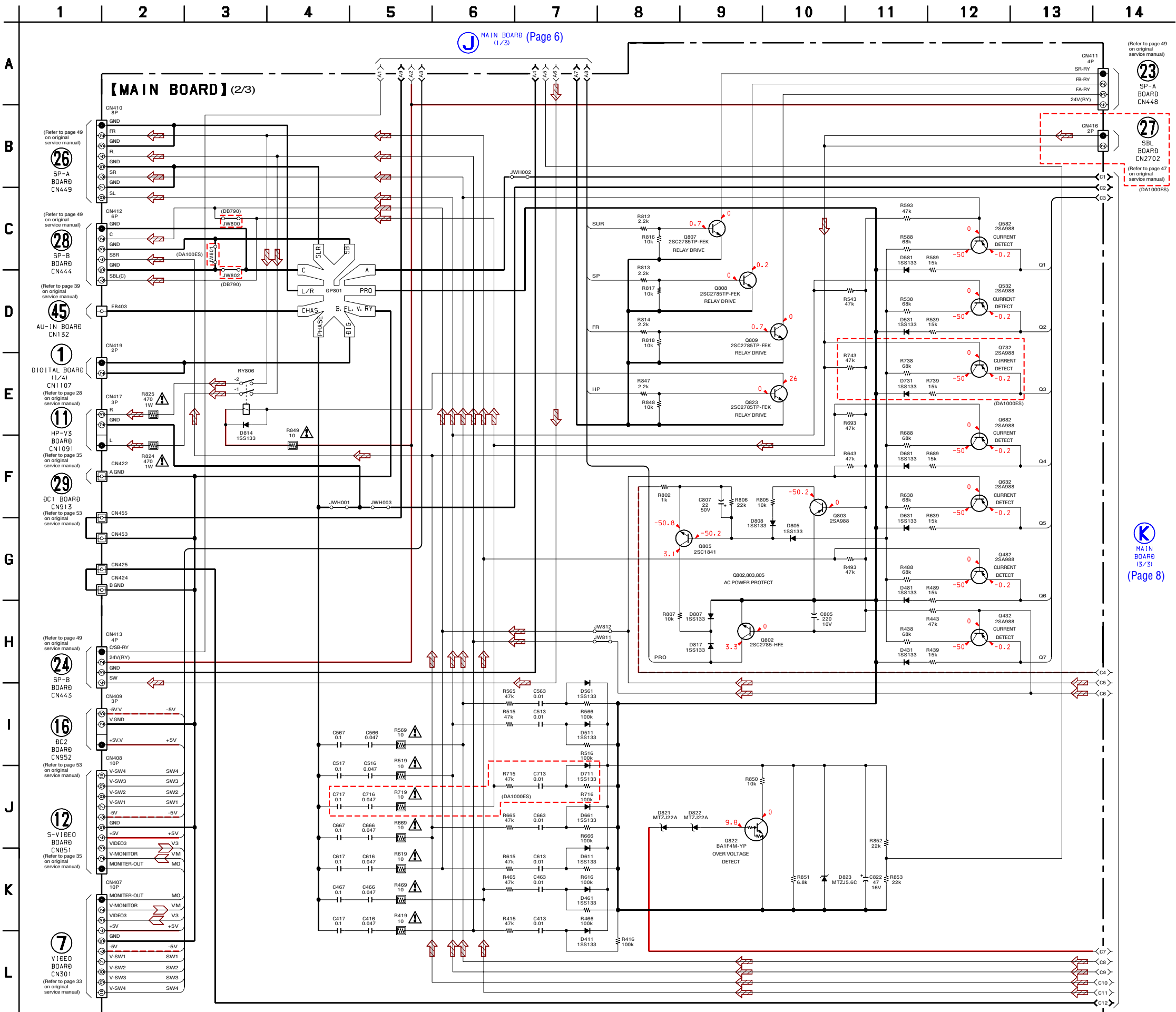
3-1. PRINTED WIRING BOARD – MAIN Board – • See page 4 for Semiconductor Location. :Uses unleaded solder.



3-2. SCHEMATIC DIAGRAM – MAIN Board (1/3) –



3-3. SCHEMATIC DIAGRAM – MAIN Board (2/3) –



4. ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS
uF: μ F
- COILS
uH: μ H
- RESISTORS
All resistors are in ohms.
METAL: Metal-film resistor.
METAL OXIDE: Metal oxide-film resistor.
F: nonflammable
- SEMICONDUCTORS
In each case, u: μ , for example:
uA... : μ A... uPA... : μ PA...
uPB... : μ PB... uPC... : μ PC...
uPD... : μ PD...
- Abbreviation
AUS : Australian model
CND : Canadian model
CH : Chinese model
KR : Korean model
MY : Malaysia model

SP : Singapore model
TW : Taiwan model

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

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

原理图和零件清单中标有 Δ 记号的零部件、或带有 Δ 记号的虚线所圈示的零部件，对于维系安全至关重要。因此只能以指定号码的零部件来更换。

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

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
	A-4733-533-A	MAIN BOARD, COMPLETE (DA1000ES)		C456	1-112-083-11	ELECT 100uF 20% 16V	(DB790: SP, MY, TW, KR, CH)
	A-4733-553-A	MAIN BOARD, COMPLETE (DB790: SP, MY, TW, KR, CH)		C456	1-112-129-11	ELECT 100uF 20% 25V	(DB790: AEP, UK, AUS)
	A-4733-568-A	MAIN BOARD, COMPLETE (DB790: AEP, UK, AUS)		C456	1-126-933-11	ELECT 100uF 20% 16V	(DA1000ES)
	*****			C457	1-102-110-00	CERAMIC 220PF 10% 50V	
	< CAPACITOR >			C463	1-127-876-11	CERAMIC 0.01uF 10% 50V	
C401	1-112-083-11	ELECT 100uF 20% 16V	(DB790: SP, MY, TW, KR, CH)	C466	1-136-161-00	MYLAR 0.047uF 5% 50V	
C401	1-112-129-11	ELECT 100uF 20% 25V	(DB790: AEP, UK, AUS)	C467	1-136-165-00	MYLAR 0.1uF 5% 50V	
C401	1-126-933-11	ELECT 100uF 20% 16V	(DA1000ES)	C468	1-112-122-11	ELECT 220uF 20% 16V	(DB790: AEP, UK, AUS)
C402	1-102-110-00	CERAMIC 220PF 10% 50V		C468	1-112-416-11	ELECT 220uF 20% 16V	(DB790: SP, MY, TW, KR, CH)
C403	1-112-109-11	ELECT 22uF 20% 100V	(DB790: SP, MY, TW, KR, CH)	C468	1-126-934-11	ELECT 220uF 20% 16V	(DA1000ES)
C403	1-112-151-11	ELECT 22uF 20% 100V	(DB790: AEP, UK, AUS)	C481	1-126-947-11	ELECT 47uF 20% 35V	(DA1000ES)
C403	1-128-560-11	ELECT 22uF 20% 100V	(DA1000ES)	C481	1-112-089-11	ELECT 47uF 20% 25V	(DB790: SP, MY, TW, KR, CH)
C404	1-112-109-11	ELECT 22uF 20% 100V	(DB790: SP, MY, TW, KR, CH)	C481	1-112-128-11	ELECT 47uF 20% 25V	(DB790: AEP, UK, AUS)
C404	1-112-151-11	ELECT 22uF 20% 100V	(DB790: AEP, UK, AUS)	C482	1-128-813-11	CERAMIC 220PF 5% 50V	
C404	1-128-560-11	ELECT 22uF 20% 100V	(DA1000ES)	C501	1-112-083-11	ELECT 100uF 20% 16V	(DB790: SP, MY, TW, KR, CH)
C413	1-127-876-11	CERAMIC 0.01uF 10% 50V		C501	1-112-129-11	ELECT 100uF 20% 25V	(DB790: AEP, UK, AUS)
C416	1-136-161-00	MYLAR 0.047uF 5% 50V		C501	1-126-933-11	ELECT 100uF 20% 16V	(DA1000ES)
C417	1-136-165-00	MYLAR 0.1uF 5% 50V		C502	1-102-110-00	CERAMIC 220PF 10% 50V	
C418	1-112-122-11	ELECT 220uF 20% 16V	(DB790: AEP, UK, AUS)	C513	1-127-876-11	CERAMIC 0.01uF 10% 50V	
C418	1-112-416-11	ELECT 220uF 20% 16V	(DB790: SP, MY, TW, KR, CH)	C516	1-136-161-00	MYLAR 0.047uF 5% 50V	
C418	1-126-934-11	ELECT 220uF 20% 16V	(DA1000ES)	C517	1-136-165-00	MYLAR 0.1uF 5% 50V	
C419	1-128-809-11	CERAMIC 100PF 5% 50V		C518	1-112-122-11	ELECT 220uF 20% 16V	(DB790: AEP, UK, AUS)
C431	1-126-947-11	ELECT 47uF 20% 35V	(DA1000ES)	C518	1-112-416-11	ELECT 220uF 20% 16V	(DB790: SP, MY, TW, KR, CH)
C431	1-112-089-11	ELECT 47uF 20% 25V	(DB790: SP, MY, TW, KR, CH)	C518	1-126-934-11	ELECT 220uF 20% 16V	(DA1000ES)
C431	1-112-128-11	ELECT 47uF 20% 25V	(DB790: AEP, UK, AUS)	C519	1-128-809-11	CERAMIC 100PF 5% 50V	
C432	1-128-813-11	CERAMIC 220PF 5% 50V		C531	1-126-947-11	ELECT 47uF 20% 35V	(DA1000ES)
				C531	1-112-089-11	ELECT 47uF 20% 25V	(DB790: SP, MY, TW, KR, CH)

STR-DA1000ES/DB790

MAIN

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C531	1-112-128-11	ELECT	47uF	20%	25V	C681	1-126-947-11	ELECT	47uF	20%	35V
			(DB790: AEP, UK, AUS)						(DA1000ES)		
C532	1-128-813-11	CERAMIC	220PF	5%	50V	C681	1-112-089-11	ELECT	47uF	20%	25V
									(DB790: SP, MY, TW, KR, CH)		
C551	1-112-083-11	ELECT	100uF	20%	16V	C681	1-112-128-11	ELECT	47uF	20%	25V
			(DB790: SP, MY, TW, KR, CH)						(DB790: AEP, UK, AUS)		
C551	1-112-129-11	ELECT	100uF	20%	25V	C682	1-128-813-11	CERAMIC	220PF	5%	50V
			(DB790: AEP, UK, AUS)								
C551	1-126-933-11	ELECT	100uF	20%	16V	C701	1-112-083-11	ELECT	100uF	20%	16V
			(DA1000ES)						(DB790: SP, MY, TW, KR, CH)		
C552	1-102-110-00	CERAMIC	220PF	10%	50V	C701	1-112-129-11	ELECT	100uF	20%	25V
C563	1-127-876-11	CERAMIC	0.01uF	10%	50V				(DB790: AEP, UK, AUS)		
						C701	1-126-933-11	ELECT	100uF	20%	16V
									(DA1000ES)		
C566	1-136-161-00	MYLAR	0.047uF	5%	50V	C702	1-102-110-00	CERAMIC	220PF	10%	50V
C567	1-136-165-00	MYLAR	0.1uF	5%	50V	C713	1-127-876-11	CERAMIC	0.01uF	10%	50V
C568	1-112-122-11	ELECT	220uF	20%	16V				(DA1000ES)		
			(DB790: AEP, UK, AUS)								
C568	1-112-416-11	ELECT	220uF	20%	16V	C716	1-136-161-00	MYLAR	0.047uF	5%	50V
			(DB790: SP, MY, TW, KR, CH)						(DA1000ES)		
C568	1-126-934-11	ELECT	220uF	20%	16V	C717	1-136-165-00	MYLAR	0.1uF	5%	50V
			(DA1000ES)						(DA1000ES)		
C581	1-126-947-11	ELECT	47uF	20%	35V	C718	1-112-122-11	ELECT	220uF	20%	16V
			(DA1000ES)						(DB790: AEP, UK, AUS)		
C581	1-112-089-11	ELECT	47uF	20%	25V	C718	1-112-416-11	ELECT	220uF	20%	16V
			(DB790: SP, MY, TW, KR, CH)						(DB790: SP, MY, TW, KR, CH)		
C581	1-112-128-11	ELECT	47uF	20%	25V	C718	1-126-934-11	ELECT	220uF	20%	16V
			(DB790: AEP, UK, AUS)						(DA1000ES)		
C582	1-128-813-11	CERAMIC	220PF	5%	50V						
C601	1-112-083-11	ELECT	100uF	20%	16V	C751	1-112-083-11	ELECT	100uF	20%	16V
			(DB790: SP, MY, TW, KR, CH)						(DB790: SP, MY, TW, KR, CH)		
C601	1-112-129-11	ELECT	100uF	20%	25V	C751	1-112-129-11	ELECT	100uF	20%	25V
			(DB790: AEP, UK, AUS)						(DB790: AEP, UK, AUS)		
C601	1-126-933-11	ELECT	100uF	20%	16V	C751	1-126-933-11	ELECT	100uF	20%	16V
			(DA1000ES)						(DA1000ES)		
C602	1-102-110-00	CERAMIC	220PF	10%	50V	C752	1-102-110-00	CERAMIC	220PF	10%	50V
C613	1-127-876-11	CERAMIC	0.01uF	10%	50V	C753	1-112-083-11	ELECT	100uF	20%	16V
C616	1-136-161-00	MYLAR	0.047uF	5%	50V				(DB790: SP, MY, TW, KR, CH)		
C617	1-136-165-00	MYLAR	0.1uF	5%	50V	C753	1-112-129-11	ELECT	100uF	20%	25V
C618	1-112-122-11	ELECT	220uF	20%	16V				(DB790: AEP, UK, AUS)		
			(DB790: AEP, UK, AUS)						(DA1000ES)		
C618	1-112-416-11	ELECT	220uF	20%	16V	C768	1-112-122-11	ELECT	220uF	20%	16V
			(DB790: SP, MY, TW, KR, CH)						(DB790: AEP, UK, AUS)		
C618	1-126-934-11	ELECT	220uF	20%	16V	C768	1-112-416-11	ELECT	220uF	20%	16V
			(DA1000ES)						(DB790: SP, MY, TW, KR, CH)		
C619	1-128-809-11	CERAMIC	100PF	5%	50V	C768	1-126-934-11	ELECT	220uF	20%	16V
									(DA1000ES)		
C631	1-126-947-11	ELECT	47uF	20%	35V						
			(DA1000ES)			C805	1-112-079-11	ELECT	220uF	20%	10V
C631	1-112-089-11	ELECT	47uF	20%	25V				(DB790: SP, MY, TW, KR, CH)		
			(DB790: SP, MY, TW, KR, CH)			C805	1-112-117-11	ELECT	220uF	20%	10V
C631	1-112-128-11	ELECT	47uF	20%	25V				(DB790: AEP, UK, AUS)		
			(DB790: AEP, UK, AUS)			C805	1-126-934-11	ELECT	220uF	20%	16V
									(DA1000ES)		
C632	1-128-813-11	CERAMIC	220PF	5%	50V	C807	1-126-965-11	ELECT	22uF	20%	50V
C651	1-126-933-11	ELECT	100uF	20%	16V	C812	1-127-868-11	CERAMIC	2200PF	10%	50V
			(DA1000ES)								
						C813	1-127-868-11	CERAMIC	2200PF	10%	50V
C652	1-102-110-00	CERAMIC	220PF	10%	50V	C814	1-126-786-11	ELECT	47uF	20%	16V
			(DA1000ES)			C815	1-126-786-11	ELECT	47uF	20%	16V
C663	1-127-876-11	CERAMIC	0.01uF	10%	50V	C816	1-127-888-11	CERAMIC	0.1uF	10%	50V
C666	1-136-161-00	MYLAR	0.047uF	5%	50V	C817	1-112-135-11	ELECT	47uF	20%	35V
C667	1-136-165-00	MYLAR	0.1uF	5%	50V				(DB790: AEP, UK, AUS)		
C668	1-126-934-11	ELECT	220uF	20%	16V						
			(DA1000ES)			C817	1-112-426-11	ELECT	47uF	20%	35V
									(DB790: SP, MY, TW, KR, CH)		
C669	1-128-809-11	CERAMIC	100PF	5%	50V						

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C817	1-126-947-11	ELECT	47uF 20% 35V (DA1000ES)	CN682	1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P (DB790: SP, MY, TW, KR, AUS)	
C818	1-104-662-91	ELECT	22uF 20% 25V (DA1000ES)	CN682	1-564-704-41	PIN, CONNECTOR (SMALL TYPE) 2P (DA1000ES/DB790: AEP, UK, CH)	
C818	1-112-114-11	ELECT	22uF 20% 50V (DB790: SP, MY, TW, KR, CH)			< DIODE >	
C818	1-112-144-11	ELECT	22uF 20% 50V (DB790: AEP, UK, AUS)	D411	8-719-991-33	DIODE 1SS133T-77	
C819	1-104-662-91	ELECT	22uF 20% 25V (DA1000ES)	D431	8-719-991-33	DIODE 1SS133T-77	
C819	1-112-114-11	ELECT	22uF 20% 50V (DB790: SP, MY, TW, KR, CH)	D461	8-719-991-33	DIODE 1SS133T-77	
C819	1-112-144-11	ELECT	22uF 20% 50V (DB790: AEP, UK, AUS)	D481	8-719-991-33	DIODE 1SS133T-77	
C821	1-127-876-11	CERAMIC	0.01uF 10% 50V	D511	8-719-991-33	DIODE 1SS133T-77	
C822	1-126-786-11	ELECT	47uF 20% 16V	D531	8-719-991-33	DIODE 1SS133T-77	
		< CONNECTOR >		D561	8-719-991-33	DIODE 1SS133T-77	
CN401	1-770-382-11	CONNECTOR, BOARD TO BOARD 12P		D581	8-719-991-33	DIODE 1SS133T-77	
CN402	1-573-852-11	CONNECTOR, BOARD TO BOARD 20P		D611	8-719-991-33	DIODE 1SS133T-77	
CN403	1-573-852-11	CONNECTOR, BOARD TO BOARD 20P		D631	8-719-991-33	DIODE 1SS133T-77	
CN404	1-573-852-11	CONNECTOR, BOARD TO BOARD 20P		D661	8-719-991-33	DIODE 1SS133T-77	
CN405	1-573-852-11	CONNECTOR, BOARD TO BOARD 20P		D681	8-719-991-33	DIODE 1SS133T-77	
CN406	1-766-715-21	CONNECTOR, BOARD TO BOARD 10P		D711	8-719-991-33	DIODE 1SS133T-77 (DA1000ES)	
CN407	1-766-715-21	CONNECTOR, BOARD TO BOARD 10P		D731	8-719-991-33	DIODE 1SS133T-77 (DA1000ES)	
CN408	1-766-715-21	CONNECTOR, BOARD TO BOARD 10P		D805	8-719-991-33	DIODE 1SS133T-77	
CN409	1-691-765-11	PLUG (MICRO CONNECTOR) 3P		D807	8-719-991-33	DIODE 1SS133T-77	
* CN410	1-770-723-11	CONNECTOR, BOARD TO BOARD 8P		D808	8-719-991-33	DIODE 1SS133T-77	
CN411	1-770-010-21	CONNECTOR, BOARD TO BOARD 4P		D810	8-719-991-33	DIODE 1SS133T-77	
CN412	1-770-722-11	CONNECTOR, BOARD TO BOARD 6P		D812	8-719-991-33	DIODE 1SS133T-77	
CN413	1-770-010-21	CONNECTOR, BOARD TO BOARD 4P		D814	8-719-991-33	DIODE 1SS133T-77	
CN416	1-564-320-00	PIN, CONNECTOR (3.96mm PITCH) 2P (DA1000ES)		D815	8-719-985-88	DIODE HZS6B2LTA	
CN417	1-779-978-11	PIN, CONNECTOR 3P		D816	8-719-991-33	DIODE 1SS133T-77	
CN420	1-770-379-11	CONNECTOR, BOARD TO BOARD 6P		D817	8-719-991-33	DIODE 1SS133T-77	
CN421	1-770-379-11	CONNECTOR, BOARD TO BOARD 6P		D818	8-719-991-33	DIODE 1SS133T-77	
CN423	1-785-101-11	PIN, CONNECTOR (3.96mm PITCH) 3P (DA1000ES)		D819	8-719-991-33	DIODE 1SS133T-77	
CN432	1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P (DB790: SP, MY, TW, KR, AUS)		D820	8-719-991-33	DIODE 1SS133T-77	
CN432	1-564-704-41	PIN, CONNECTOR (SMALL TYPE) 2P (DA1000ES/DB790: AEP, UK, CH)		D821	8-719-110-56	DIODE RD22ESB1	
CN482	1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P (DB790: SP, MY, TW, KR, AUS)		D822	8-719-110-56	DIODE RD22ESB1	
CN482	1-564-704-41	PIN, CONNECTOR (SMALL TYPE) 2P (DA1000ES/DB790: AEP, UK, CH)		D823	8-719-922-45	DIODE MTZJ-T-73-5.6C	
CN501	1-770-382-11	CONNECTOR, BOARD TO BOARD 12P				< EARTH TERMINAL >	
CN532	1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P (DB790: SP, MY, TW, KR, AUS)		EB403	4-924-264-01	TERMINAL, MOUNT	
CN532	1-564-704-41	PIN, CONNECTOR (SMALL TYPE) 2P (DA1000ES/DB790: AEP, UK, CH)				< IC >	
CN582	1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P (DB790: SP, MY, TW, KR, AUS)		IC401	6-702-387-01	IC CXD9725M	
CN582	1-564-704-41	PIN, CONNECTOR (SMALL TYPE) 2P (DA1000ES/DB790: AEP, UK, CH)		IC402	8-759-167-88	IC NJM4565D	
CN601	1-770-379-11	CONNECTOR, BOARD TO BOARD 6P		IC501	6-702-387-01	IC CXD9725M	
CN632	1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P (DB790: SP, MY, TW, KR, AUS)		IC502	8-759-167-88	IC NJM4565D	
CN632	1-564-704-41	PIN, CONNECTOR (SMALL TYPE) 2P (DA1000ES/DB790: AEP, UK, CH)		IC601	6-702-387-01	IC CXD9725M	
CN651	1-770-381-11	CONNECTOR, BOARD TO BOARD 10P		IC602	8-759-167-88	IC NJM4565D	
				IC651	6-702-387-01	IC CXD9725M	
				IC652	8-759-167-88	IC NJM4565D	
				IC804	8-759-243-51	IC TC74ACT08P	
				IC805	8-759-243-51	IC TC74ACT08P	
						< TRANSISTOR >	
				Q401	8-729-141-30	TRANSISTOR 2SC3623A-LK	
				Q431	8-729-044-08	TRANSISTOR 2SD1915 (F)-T (TA).SO	
				Q432	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
				Q433	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
				Q434	8-729-119-76	TRANSISTOR 2SA1175-HFE	
				Q451	8-729-141-30	TRANSISTOR 2SC3623A-LK	

STR-DA1000ES/DB790

MAIN

Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description				Remark
Q481	8-729-044-08	TRANSISTOR	2SD1915 (F)-T (TA).SO				R431	1-249-413-11	CARBON	470	5%	1/4W	
Q482	8-729-140-82	TRANSISTOR	2SA988-PAFAEA				R432	1-249-421-11	CARBON	2.2K	5%	1/4W	
Q483	8-729-140-82	TRANSISTOR	2SA988-PAFAEA				△ R435	1-240-855-91	CARBON	6.2K	5%	1/4W F	
Q484	8-729-119-76	TRANSISTOR	2SA1175-HFE										
Q501	8-729-141-30	TRANSISTOR	2SC3623A-LK				R436	1-247-847-91	CARBON	4.7K	5%	1/4W	
Q531	8-729-044-08	TRANSISTOR	2SD1915 (F)-T (TA).SO				R437	1-249-420-11	CARBON	1.8K	5%	1/4W	
Q532	8-729-140-82	TRANSISTOR	2SA988-PAFAEA				R438	1-249-439-11	CARBON	68K	5%	1/4W	
Q533	8-729-140-82	TRANSISTOR	2SA988-PAFAEA				R439	1-249-431-11	CARBON	15K	5%	1/4W	
Q534	8-729-119-76	TRANSISTOR	2SA1175-HFE				R443	1-249-437-11	CARBON	47K	5%	1/4W	
Q551	8-729-141-30	TRANSISTOR	2SC3623A-LK				R451	1-249-427-11	CARBON	6.8K	5%	1/4W	
Q581	8-729-044-08	TRANSISTOR	2SD1915 (F)-T (TA).SO				R455	1-249-421-11	CARBON	2.2K	5%	1/4W	
Q582	8-729-140-82	TRANSISTOR	2SA988-PAFAEA				R457	1-249-417-11	CARBON	1K	5%	1/4W	
Q583	8-729-140-82	TRANSISTOR	2SA988-PAFAEA				R458	1-249-441-11	CARBON	100K	5%	1/4W	
Q584	8-729-119-76	TRANSISTOR	2SA1175-HFE				△ R462	1-249-405-11	CARBON	100	5%	1/4W F	
Q601	8-729-141-30	TRANSISTOR	2SC3623A-LK				△ R463	1-249-405-11	CARBON	100	5%	1/4W F	
Q631	8-729-044-08	TRANSISTOR	2SD1915 (F)-T (TA).SO				△ R464	1-234-182-11	ENCAPSULATED COMPONENT	0.22		5W F	(DA1000ES)
Q632	8-729-140-82	TRANSISTOR	2SA988-PAFAEA										
Q633	8-729-140-82	TRANSISTOR	2SA988-PAFAEA				△ R464	1-234-572-21	ENCAPSULATED COMPONENT	0.22		5W F	(DB790)
Q634	8-729-119-76	TRANSISTOR	2SA1175-HFE										
Q651	8-729-141-30	TRANSISTOR	2SC3623A-LK				R465	1-249-437-11	CARBON	47K	5%	1/4W	
Q681	8-729-044-08	TRANSISTOR	2SD1915 (F)-T (TA).SO				R466	1-249-441-11	CARBON	100K	5%	1/4W	
Q682	8-729-140-82	TRANSISTOR	2SA988-PAFAEA										
Q683	8-729-140-82	TRANSISTOR	2SA988-PAFAEA				△ R469	1-249-393-11	CARBON	10	5%	1/4W F	
Q684	8-729-119-76	TRANSISTOR	2SA1175-HFE				R481	1-249-413-11	CARBON	470	5%	1/4W	
Q701	8-729-141-30	TRANSISTOR	2SC3623A-LK (DA1000ES)				R482	1-249-421-11	CARBON	2.2K	5%	1/4W	
Q732	8-729-140-82	TRANSISTOR	2SA988-PAFAEA (DA1000ES)				△ R485	1-240-855-91	CARBON	6.2K	5%	1/4W F	
Q751	8-729-141-30	TRANSISTOR	2SC3623A-LK				R486	1-247-847-91	CARBON	4.7K	5%	1/4W	
Q802	8-729-119-78	TRANSISTOR	2SC2785-HFE										
Q803	8-729-140-82	TRANSISTOR	2SA988-PAFAEA				R487	1-249-420-11	CARBON	1.8K	5%	1/4W	
Q805	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA				R488	1-249-439-11	CARBON	68K	5%	1/4W	
Q807	8-729-119-79	TRANSISTOR	2SC2785-FEK				R489	1-249-431-11	CARBON	15K	5%	1/4W	
Q808	8-729-119-79	TRANSISTOR	2SC2785-FEK				R493	1-249-437-11	CARBON	47K	5%	1/4W	
Q809	8-729-119-79	TRANSISTOR	2SC2785-FEK				R501	1-249-427-11	CARBON	6.8K	5%	1/4W	
Q810	8-729-900-63	TRANSISTOR	DTA124ES				R502	1-249-417-11	CARBON	1K	5%	1/4W	
Q811	8-729-119-79	TRANSISTOR	2SC2785-FEK				R503	1-249-441-11	CARBON	100K	5%	1/4W	
Q813	8-729-900-63	TRANSISTOR	DTA124ES				R504	1-249-417-11	CARBON	1K	5%	1/4W	
Q822	8-729-900-36	TRANSISTOR	DTC124ES				△ R512	1-249-405-11	CARBON	100	5%	1/4W F	
Q823	8-729-119-79	TRANSISTOR	2SC2785-FEK				△ R513	1-249-405-11	CARBON	100	5%	1/4W F	
Q824	8-729-119-78	TRANSISTOR	2SC2785-HFE										
Q826	8-729-119-79	TRANSISTOR	2SC2785-FEK				△ R514	1-234-182-11	ENCAPSULATED COMPONENT	0.22		5W F	(DA1000ES)
< RESISTOR >													
R401	1-249-427-11	CARBON	6.8K	5%	1/4W		R515	1-249-437-11	CARBON	47K	5%	1/4W	
R402	1-249-417-11	CARBON	1K	5%	1/4W		R516	1-249-441-11	CARBON	100K	5%	1/4W	
R403	1-249-441-11	CARBON	100K	5%	1/4W		△ R519	1-249-393-11	CARBON	10	5%	1/4W F	
R404	1-249-417-11	CARBON	1K	5%	1/4W		R531	1-249-413-11	CARBON	470	5%	1/4W	
R405	1-249-421-11	CARBON	2.2K	5%	1/4W		R532	1-249-421-11	CARBON	2.2K	5%	1/4W	
△ R412	1-249-405-11	CARBON	100	5%	1/4W F		△ R535	1-240-855-91	CARBON	6.2K	5%	1/4W F	
△ R413	1-249-405-11	CARBON	100	5%	1/4W F		R536	1-247-847-91	CARBON	4.7K	5%	1/4W	
△ R414	1-234-182-11	ENCAPSULATED COMPONENT	0.22		5W F	(DA1000ES)	R537	1-249-420-11	CARBON	1.8K	5%	1/4W	
△ R414	1-234-572-21	ENCAPSULATED COMPONENT	0.22		5W F	(DB790)	R538	1-249-439-11	CARBON	68K	5%	1/4W	
R415	1-249-437-11	CARBON	47K	5%	1/4W		R539	1-249-431-11	CARBON	15K	5%	1/4W	
R416	1-249-441-11	CARBON	100K	5%	1/4W		R543	1-249-437-11	CARBON	47K	5%	1/4W	
△ R419	1-249-393-11	CARBON	10	5%	1/4W F		R551	1-249-427-11	CARBON	6.8K	5%	1/4W	
							R552	1-249-417-11	CARBON	1K	5%	1/4W	
							R553	1-249-441-11	CARBON	100K	5%	1/4W	
							△ R562	1-249-405-11	CARBON	100	5%	1/4W F	
							△ R563	1-249-405-11	CARBON	100	5%	1/4W F	

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
△ R564	1-234-182-11	ENCAPSULATED COMPONENT	0.22	5W	F	R687	1-249-420-11	CARBON	1.8K	5%	1/4W
				(DA1000ES)		R688	1-249-439-11	CARBON	68K	5%	1/4W
△ R564	1-234-572-21	ENCAPSULATED COMPONENT	0.22	5W	F	R689	1-249-431-11	CARBON	15K	5%	1/4W
				(DB790)		R693	1-249-437-11	CARBON	47K	5%	1/4W
						R701	1-249-427-11	CARBON	6.8K	5%	1/4W
											(DA1000ES)
R565	1-249-437-11	CARBON	47K	5%	1/4W	R702	1-249-417-11	CARBON	1K	5%	1/4W
R566	1-249-441-11	CARBON	100K	5%	1/4W	R703	1-249-441-11	CARBON	100K	5%	1/4W
△ R569	1-249-393-11	CARBON	10	5%	1/4W F	R715	1-249-437-11	CARBON	47K	5%	1/4W
R581	1-249-413-11	CARBON	470	5%	1/4W						(DA1000ES)
R582	1-249-421-11	CARBON	2.2K	5%	1/4W	R716	1-249-441-11	CARBON	100K	5%	1/4W
											(DA1000ES)
△ R585	1-240-855-91	CARBON	6.2K	5%	1/4W F	△ R719	1-249-393-11	CARBON	10	5%	1/4W F
R586	1-247-847-91	CARBON	4.7K	5%	1/4W						(DA1000ES)
R587	1-249-420-11	CARBON	1.8K	5%	1/4W						
R588	1-249-439-11	CARBON	68K	5%	1/4W	R738	1-249-439-11	CARBON	68K	5%	1/4W
R589	1-249-431-11	CARBON	15K	5%	1/4W						(DA1000ES)
						R739	1-249-431-11	CARBON	15K	5%	1/4W
R593	1-249-437-11	CARBON	47K	5%	1/4W						(DA1000ES)
R601	1-249-427-11	CARBON	6.8K	5%	1/4W	R743	1-249-437-11	CARBON	47K	5%	1/4W
R602	1-249-417-11	CARBON	1K	5%	1/4W						(DA1000ES)
R603	1-249-441-11	CARBON	100K	5%	1/4W	R751	1-249-427-11	CARBON	6.8K	5%	1/4W
R604	1-249-417-11	CARBON	1K	5%	1/4W	R752	1-249-417-11	CARBON	1K	5%	1/4W
△ R612	1-249-405-11	CARBON	100	5%	1/4W F	R753	1-249-441-11	CARBON	100K	5%	1/4W
△ R613	1-249-405-11	CARBON	100	5%	1/4W F	R782	1-249-441-11	CARBON	100K	5%	1/4W
△ R614	1-234-182-11	ENCAPSULATED COMPONENT	0.22	5W	F	R802	1-249-417-11	CARBON	1K	5%	1/4W
				(DA1000ES)		R805	1-249-429-11	CARBON	10K	5%	1/4W
△ R614	1-234-572-21	ENCAPSULATED COMPONENT	0.22	5W	F	R806	1-247-863-11	CARBON	22K	5%	1/4W
				(DB790)							
R615	1-249-437-11	CARBON	47K	5%	1/4W	R807	1-249-429-11	CARBON	10K	5%	1/4W
						R811	1-249-429-11	CARBON	10K	5%	1/4W
R616	1-249-441-11	CARBON	100K	5%	1/4W	R812	1-249-421-11	CARBON	2.2K	5%	1/4W
△ R619	1-249-393-11	CARBON	10	5%	1/4W F	R813	1-249-421-11	CARBON	2.2K	5%	1/4W
R631	1-249-413-11	CARBON	470	5%	1/4W	R814	1-249-421-11	CARBON	2.2K	5%	1/4W
R632	1-249-421-11	CARBON	2.2K	5%	1/4W						
△ R635	1-240-855-91	CARBON	6.2K	5%	1/4W F	R815	1-249-429-11	CARBON	10K	5%	1/4W
						R816	1-249-429-11	CARBON	10K	5%	1/4W
R636	1-247-847-91	CARBON	4.7K	5%	1/4W	R817	1-249-429-11	CARBON	10K	5%	1/4W
R637	1-249-420-11	CARBON	1.8K	5%	1/4W	R818	1-249-429-11	CARBON	10K	5%	1/4W
R638	1-249-439-11	CARBON	68K	5%	1/4W	R820	1-249-421-11	CARBON	2.2K	5%	1/4W
R639	1-249-431-11	CARBON	15K	5%	1/4W						
R643	1-249-437-11	CARBON	47K	5%	1/4W	R821	1-249-429-11	CARBON	10K	5%	1/4W
						△ R824	1-215-867-00	METAL OXIDE	470	5%	1W F
						△ R825	1-215-867-00	METAL OXIDE	470	5%	1W F
R651	1-249-427-11	CARBON	6.8K	5%	1/4W	R826	1-247-903-00	CARBON	1M	5%	1/4W
R652	1-249-417-11	CARBON	1K	5%	1/4W	R827	1-249-417-11	CARBON	1K	5%	1/4W
											(DA1000ES)
R653	1-249-441-11	CARBON	100K	5%	1/4W	R828	1-247-847-91	CARBON	4.7K	5%	1/4W
R654	1-249-417-11	CARBON	1K	5%	1/4W	△ R829	1-249-393-11	CARBON	10	5%	1/4W F
△ R662	1-249-405-11	CARBON	100	5%	1/4W F	R830	1-249-417-11	CARBON	1K	5%	1/4W
						R833	1-247-903-00	CARBON	1M	5%	1/4W
△ R663	1-249-405-11	CARBON	100	5%	1/4W F	R838	1-249-421-11	CARBON	2.2K	5%	1/4W
△ R664	1-234-182-11	ENCAPSULATED COMPONENT	0.22	5W	F						
				(DA1000ES)		R839	1-249-429-11	CARBON	10K	5%	1/4W
△ R664	1-234-572-21	ENCAPSULATED COMPONENT	0.22	5W	F	△ R841	1-249-399-11	CARBON	33	5%	1/4W F
				(DB790)		△ R846	1-249-399-11	CARBON	33	5%	1/4W F
						R847	1-249-421-11	CARBON	2.2K	5%	1/4W
R665	1-249-437-11	CARBON	47K	5%	1/4W	R848	1-249-429-11	CARBON	10K	5%	1/4W
R666	1-249-441-11	CARBON	100K	5%	1/4W						
						△ R849	1-249-393-11	CARBON	10	5%	1/4W F
△ R669	1-249-393-11	CARBON	10	5%	1/4W F	R850	1-249-429-11	CARBON	10K	5%	1/4W
R681	1-249-413-11	CARBON	470	5%	1/4W	R851	1-249-427-11	CARBON	6.8K	5%	1/4W
R682	1-249-421-11	CARBON	2.2K	5%	1/4W	R852	1-247-863-11	CARBON	22K	5%	1/4W
△ R685	1-240-855-91	CARBON	6.2K	5%	1/4W F	R853	1-247-863-11	CARBON	22K	5%	1/4W
R686	1-247-847-91	CARBON	4.7K	5%	1/4W						

STR-DA1000ES/DB790

MAIN

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
< VARIABLE RESISTOR >			
RV431	1-238-595-11	RES, ADJ, CARBON 220	
RV481	1-238-595-11	RES, ADJ, CARBON 220	
RV531	1-238-595-11	RES, ADJ, CARBON 220	
RV581	1-238-595-11	RES, ADJ, CARBON 220	
RV631	1-238-595-11	RES, ADJ, CARBON 220	
RV681	1-238-595-11	RES, ADJ, CARBON 220	
< RELAY >			
RY806	1-515-920-11	RELAY (24V)	
RY807	1-755-483-11	RELAY	

MEMO

REVISION HISTORY

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