

STR-DE697

SERVICE MANUAL

Ver 1.1 2004. 10

*US Model
Canadian Model
AEP Model
UK Model
E Model
Australian Model*



Photo: Black type

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SPECIFICATIONS

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

(Models of area code US only)

With 8 ohm loads, both channels driven, from 20 – 20,000 Hz; rated 90 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

Models of area code US, CND

Rated Power Output at Stereo Mode

(8 ohms 20 Hz – 20 kHz, THD 0.09 %)

90 W + 90 W ¹⁾

Reference Power Output ¹⁾

(8 ohms 20 Hz – 20 kHz, THD 0.09 %)

FRONT ²⁾ : 90 W/ch

CENTER ²⁾ : 90 W

SURR ²⁾ : 90 W/ch

SURR BACK ²⁾ : 90 W/ch

(8 ohms 1 kHz, THD 0.7 %)

FRONT ²⁾ : 100 W/ch

CENTER ²⁾ : 100 W

SURR ²⁾ : 100 W/ch

SURR BACK ²⁾ : 100 W/ch

Models of area code AEP, UK

Rated Power Output at Stereo Mode

(8 ohms 1 kHz, THD 0.7 %)

100 W + 100 W ¹⁾

Reference Power Output ¹⁾

(8 ohms 1 kHz, THD 0.7 %)

FRONT ²⁾ : 100 W/ch

CENTER ²⁾ : 100 W

SURR ²⁾ : 100 W/ch

SURR BACK ²⁾ : 100 W/ch

Models of area code SP, MY

Rated Power Output at Stereo Mode

(8 ohms 1 kHz, THD 0.7 %)

100 W + 100 W ¹⁾

Reference Power Output ¹⁾

(8 ohms 1 kHz, THD 10 %)

FRONT ²⁾ : 120 W/ch

CENTER ²⁾ : 120 W

SURR ²⁾ : 120 W/ch

SURR BACK ²⁾ : 120 W/ch

– Continued on next page –

FM STEREO/FM-AM RECEIVER

9-877-763-02

2004J04-1

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Audio Group

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SONY®

STR-DE697

Models of area code AUS	
Rated Power Output at Stereo Mode	
(8 ohms 20 Hz – 20 kHz, THD 0.09 %)	
80 W + 80 W ¹⁾	
(8 ohms 1 kHz, THD 0.7 %)	
100 W + 100 W ¹⁾	
Reference Power Output ¹⁾	
(8 ohms 20 Hz – 20 kHz, THD 0.09 %)	
FRONT ²⁾ : 80 W/ch	
CENTER ²⁾ : 80 W	
SURR ²⁾ : 80 W/ch	
SURR BACK ²⁾ : 80 W/ch	
(8 ohms 1 kHz, THD 0.7 %)	
FRONT ²⁾ : 100 W/ch	
CENTER ²⁾ : 100 W	
SURR ²⁾ : 100 W/ch	
SURR BACK ²⁾ : 100 W/ch	
(8 ohms 1 kHz, THD 10 %)	
FRONT ²⁾ : 120 W/ch	
CENTER ²⁾ : 120 W	
SURR ²⁾ : 120 W/ch	
SURR BACK ²⁾ : 120 W/ch	

1) Measured under the following conditions:

Area code	Power requirements
US, CND	120 V AC, 60 Hz
AEP, UK, SP, MY	230 V AC, 50 Hz
AUS	240 V AC, 50 Hz

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

Frequency response	
MULTI CH IN, SA-CD/ CD, MD/TAPE, DVD, AUX, VIDEO 1, 2, 3	10 Hz – 70 kHz +0.5/-2 dB (with sound field and equalizer bypassed)

Inputs (Analog)	
MULTI CH IN, SA-CD/ CD, MD/TAPE, DVD, AUX, VIDEO 1, 2, 3	Sensitivity: 500 mV Impedance: 50 kilohms S/N ³⁾ : 96 dB (A, 500 mV ⁴⁾)

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

4) Weighted network, input level.

Inputs (Digital)	
DVD, SA-CD/CD (Coaxial)	Sensitivity: – Impedance: 75 ohms S/N: 100 dB (A, 20 kHz LPF)
VIDEO 2, MD/TAPE, SA-CD/CD (Optical)	Sensitivity: – Impedance: – S/N: 100 dB (A, 20 kHz LPF)

Outputs (Analog)	
MD/TAPE (OUT), VIDEO 1 (AUDIO OUT)	Voltage: 500 mV Impedance: 10 kilohms
SUB WOOFER	Voltage: 2 V Impedance: 1 kilohms

Outputs (Digital)	
MD/TAPE (Optical)	Sensitivity: –

EQ	
Gain levels	±6 dB, 1 dB step

FM tuner section	
Tuning range	87.5 – 108.0 MHz
Antenna	FM wire antenna
Antenna terminals	75 ohms, unbalanced
Intermediate frequency	10.7 MHz
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	
Models of area code US, CND	
With 10-kHz tuning scale: 530 – 1,710 kHz ⁵⁾	
With 9-kHz tuning scale: 531 – 1,710 kHz ⁵⁾	
Models of area code AEP, UK, AUS, SP, MY	
With 9-kHz tuning scale: 531 – 1,602 kHz	
Antenna	Loop antenna
Intermediate frequency	450 kHz
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

5) 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:

(Except for models of area code AEP, UK)

Y: 1 Vp-p, 75 ohms
 Pb/Cb/B-Y: 0.7 Vp-p,
 75 ohms
 Pr/Cr/R-Y: 0.7 Vp-p,
 75 ohms

80 MHz HD Pass Through

General**Power requirements**

Area code	Power requirements
US, CND	120 V AC, 60 Hz
AEP, UK	230 V AC, 50/60 Hz
AUS	240 V AC, 50 Hz
SP, MY	220 – 230 V AC, 50/60 Hz

Power consumption

Area code	Power consumption
US	250 W
CND	340 VA
AEP, UK, AUS, SP, MY	265 W

Power consumption (during standby mode)

0.3 W (when "P.SAVE." in the
 CUSTOMIZE menu is set to
 "ON")

AC outlets

Area code	AC outlets
US, CND	1 switched, 120 W/1A MAX
AEP, UK, AUS, SP, MY	1 switched, 100 W MAX

Dimensions (w/h/d) (Approx.)

430 × 157.5 × 312 mm
 (16 7/8 × 6 2/8 × 12 2/8
 inches) including
 projecting parts and
 controls

Mass (Approx.)

8.5 kg (18 lb 12 oz)

Supplied accessories

FM wire antenna (1)
 AM loop antenna (1)
 Remote commander RM-PP413 (1)
 R6 (size-AA) batteries (2)

Design and specifications are subject to change
 without notice.

• **Abbreviation**

CND : Canadian model
 AUS : Australian model
 SP : Singapore model
 MY : Malaysia model

SAFETY CHECK-OUT (US MODEL)

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

LEAKAGE TEST

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

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

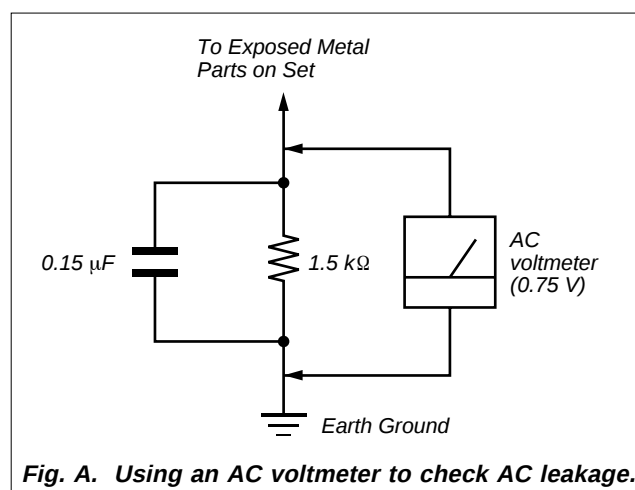


Fig. A. Using an AC voltmeter to check AC leakage.

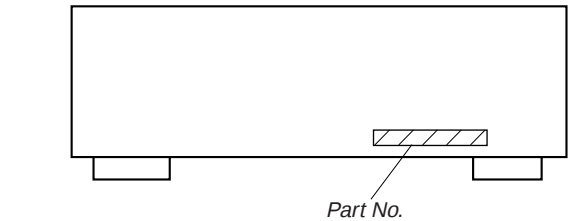
SAFETY-RELATED COMPONENT WARNING!!

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

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!

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

MODEL IDENTIFICATION
— BACK PANEL —



MODEL	PART No.
US	4-252-501-0□
CND	4-252-501-1□
AEP	4-252-501-2□
UK	4-252-501-3□
SP, MY	4-252-501-4□
AUS	4-252-501-5□

- Abbreviation
CND: Canadian model
AUS : Australian model
SP : Singapore model
MY : Malaysia model

TABLE OF CONTENTS

1. GENERAL	
Main unit	5
Remote button description	6
2. DISASSEMBLY	
2-1. Case	7
2-2. Front Panel Section	8
2-3. Back Panel Section	8
2-4. Digital Board	9
2-5. Standby Board	9
2-6. Main Board	10
2-7. Surr Back Board	10
3. TEST MODE	11
4. DIAGRAMS	
4-1. IC Pin Descriptions	12
4-2. Circuit Boards Location	15
4-3. Block Diagram – Tuner/Audio Section –	16
4-4. Block Diagram – Digital Section –	17
4-5. Block Diagram – Video Section –	18
4-6. Block Diagram – Key/Display Section –	19
4-7. Block Diagram – Power Section –	20
4-8. Printed Wiring Boards – Main Section –	22
4-9. Schematic Diagram – Main Section (1/2) –	23
4-10. Schematic Diagram – Main Section (2/2) –	24
4-11. Printed Wiring Board – Digital Section (1/2) –	25
4-12. Printed Wiring Board – Digital Section (2/2) –	26
4-13. Schematic Diagram – Digital Section (1/3) –	27
4-14. Schematic Diagram – Digital Section (2/3) –	28
4-15. Schematic Diagram – Digital Section (3/3) –	29
4-16. Printed Wiring Boards – Center/Surround Back Speaker Section –	30
4-17. Schematic Diagram – Center/Surround Back Speaker Section –	31
4-18. Printed Wiring Board – Video Section –	32
4-19. Schematic Diagram – Video Section –	33
4-20. Printed Wiring Board – S-video Section –	34
4-21. Schematic Diagram – S-video Section –	34
4-22. Printed Wiring Boards – Display Section –	35
4-23. Schematic Diagram – Display Section –	36
4-24. Printed Wiring Boards – Power Section –	37
4-25. Schematic Diagram – Power Section –	38
4-26. IC Block Diagrams	39
5. EXPLODED VIEWS	
5-1. Case Section	42
5-2. Front Panel Section	43
5-3. Back Panel Section	44
5-4. Chassis Section	45
6. ELECTRICAL PARTS LIST	46

SECTION 1
GENERAL

This section is extracted
from instruction manual.

List of button locations and reference pages

How to use this page	Illustration number
Use this page to find the location of buttons that are mentioned in the text.	DISPLAY 3 (26, 27, 53)
Name of button/part	Reference page

Main unit

ALPHABETICAL ORDER

- A - H**
- A.F.D. (button/indicator) 11 (30, 31, 32, 52, 53)
- AUX 21 (22)
- DIMMER 4 (27)
- DISPLAY 3 (26, 27, 53)
- Display 7 (26, 27)
- DVD 25 (22)
- ENTER 15 (17, 18, 39, 54)
- FM MODE 32 (23)
- I - O**
- Input buttons 20 (22, 35, 38, 39, 53)
- INPUT MODE 17 (35)
- IR (receptor) 5 (43, 54)
- MAIN MENU 8 (18, 35, 37, 39)

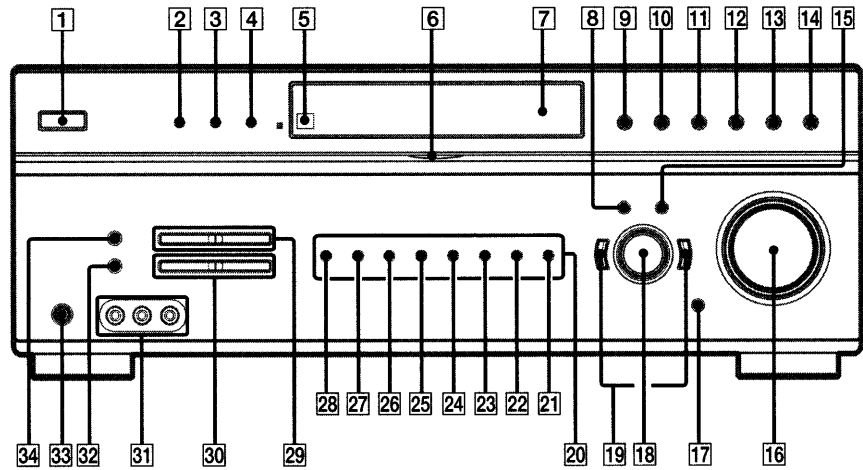
- MASTER VOLUME +/- 16 (17, 21, 22, 52)
- MD/TAPE 24 (22)
- MEMORY 34 (25)
- MOVIE (button/indicator) 12 (31, 32, 52, 53)
- MULTI CHANNEL DECODING (indicator) 6 (23)
- MULTI CH IN 9 (23)
- MUSIC (button/indicator) 13 (32, 52, 53)

- P - Z**
- PHONES (jack) 33 (22, 52)
- PRESET TUNING +/- 29 (25, 56)
- SA-CD/CD 23 (22)
- SPEAKERS (OFF/A/B/A+B) 2 (16, 40, 52)

- SURR BACK DECODING 14 (33)
- TUNER FM/AM 22 (22, 23, 24, 25, 39)
- TUNING +/- 30 (23, 56)
- VIDEO 1 28 (22)
- VIDEO 2 27 (22)
- VIDEO 3 26 (22)
- VIDEO 3 INPUT (jacks) 31 (13)

NUMBERS AND SYMBOLS

- 2CH (button/indicator) 10 (30, 32, 36)
- I/⏻ (power) 1 (17, 18, 24, 36, 54, 56)
- </> 19 (18, 35, 37, 39)
- /+ jog dial 18 (18, 35, 37, 39)



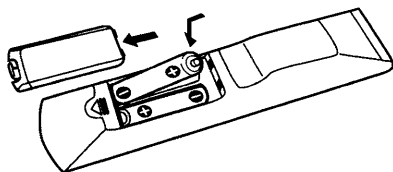
Operations Using the Remote RM-PP413

You can use the remote RM-PP413 to operate the components in your system.

Before you use your remote

Inserting batteries into the remote

Insert R6 (size-AA) batteries with the + and – properly oriented in the battery compartment. When using the remote, point it at the remote sensor  on the receiver.



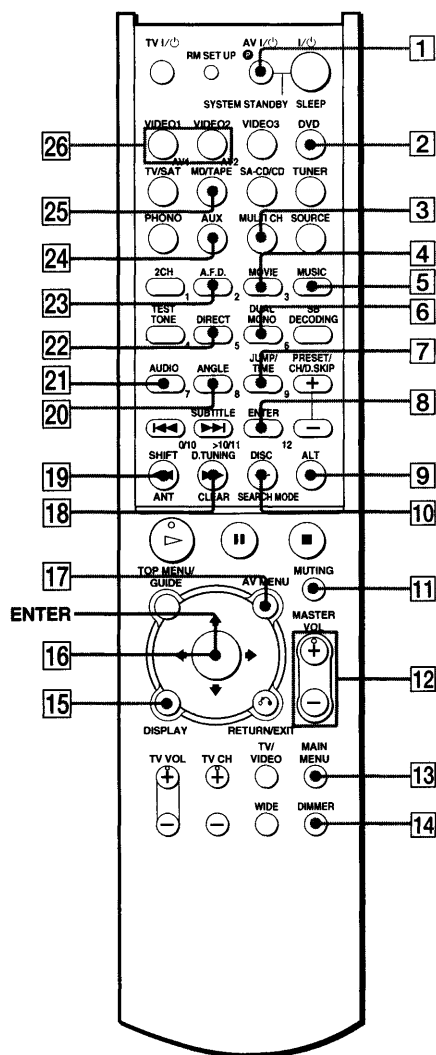
Tip

Under normal conditions, the batteries should last for about 6 months. When the remote no longer operates the receiver, replace all batteries with new ones.

Notes

- Do not leave the remote in an extremely hot or humid place.
- Do not use a new battery with an old one.
- Do not expose the remote sensor to direct sunlight or lighting apparatuses. Doing so may cause a malfunction.
- If you don't use the remote for an extended period of time, remove the batteries to avoid possible damage from battery leakage and corrosion.

Remote button description



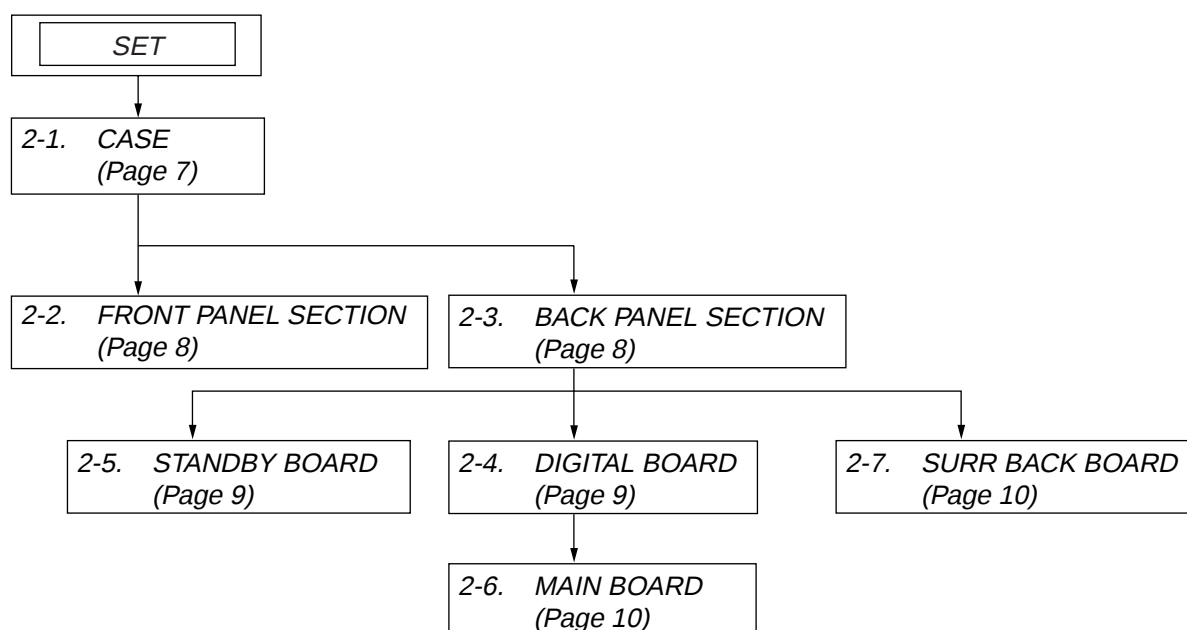
Operations Using the Remote RM-PP413

continued

43^{US}

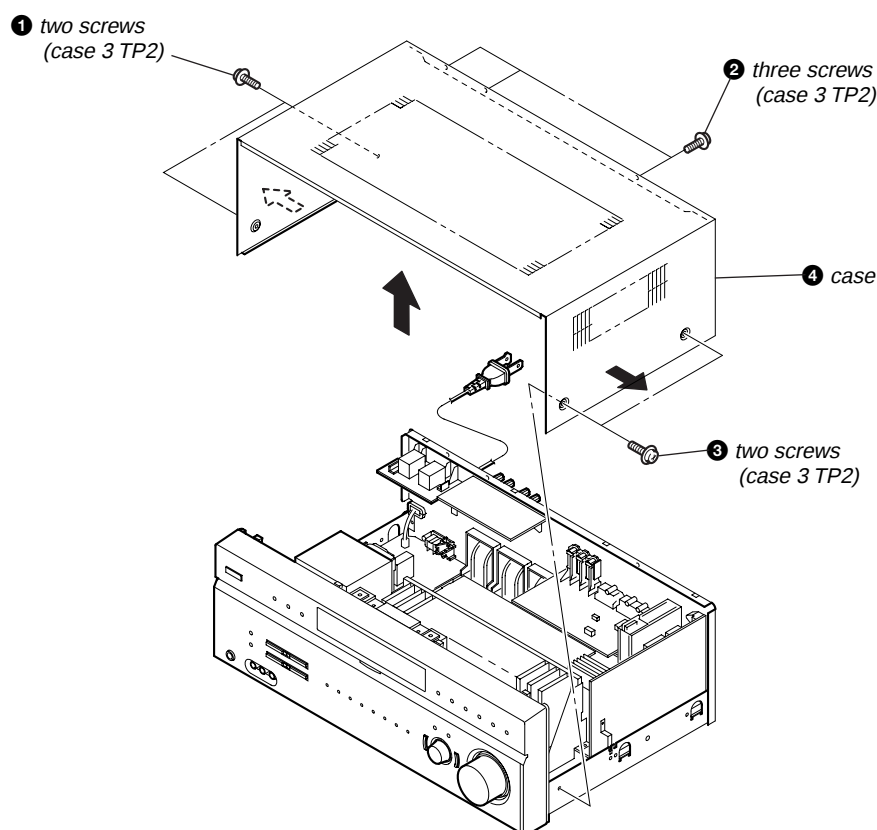
SECTION 2 DISASSEMBLY

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

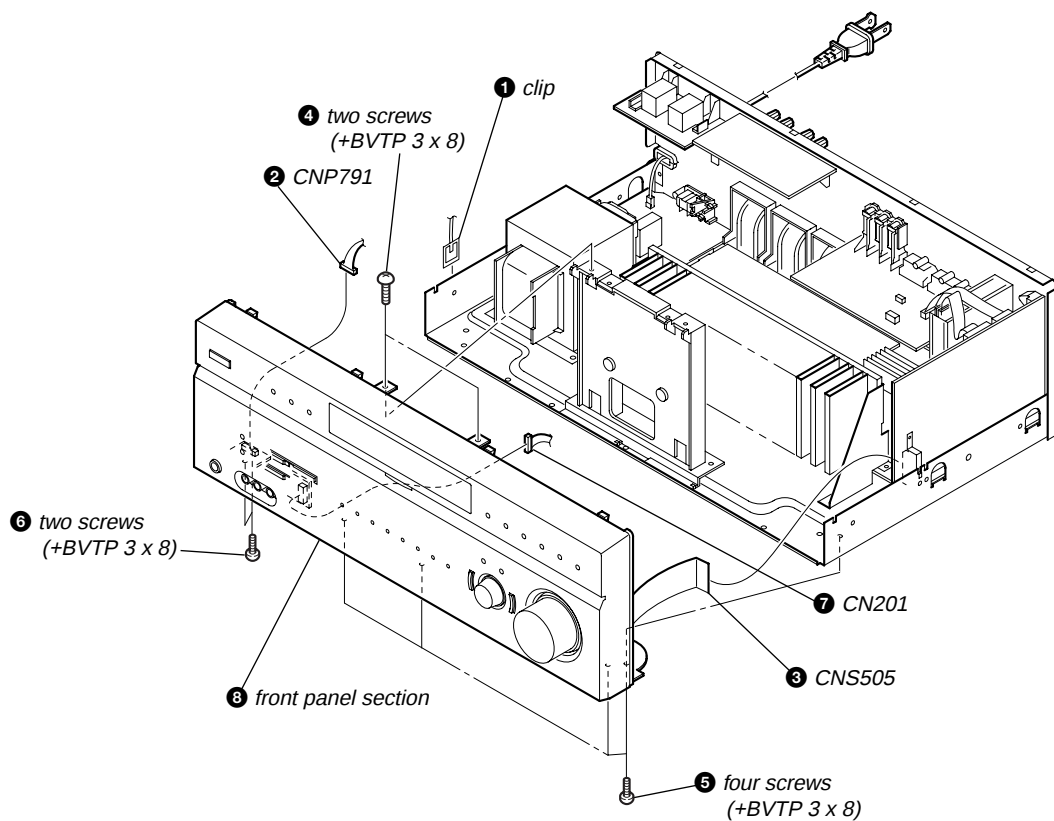


Note : Follow the disassembly procedure in the numerical order given.

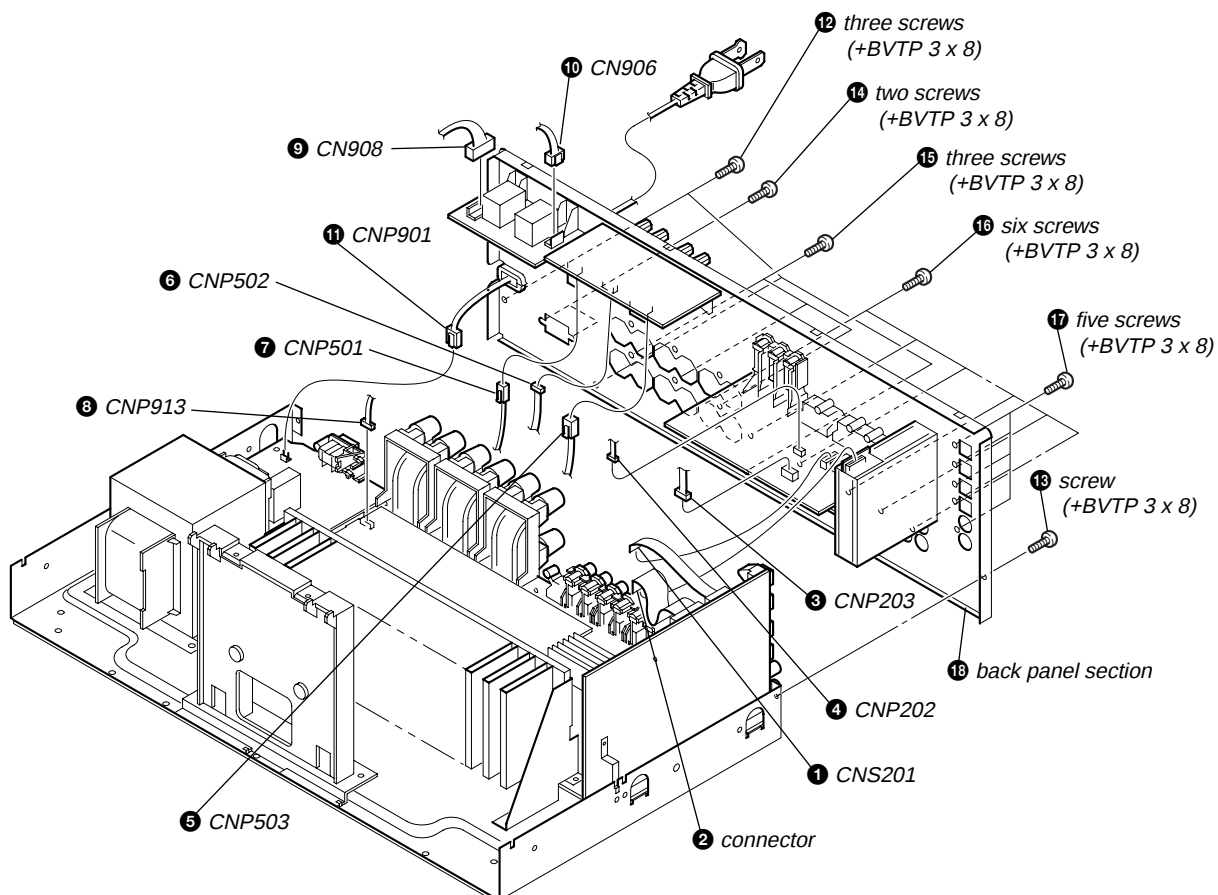
2-1. CASE



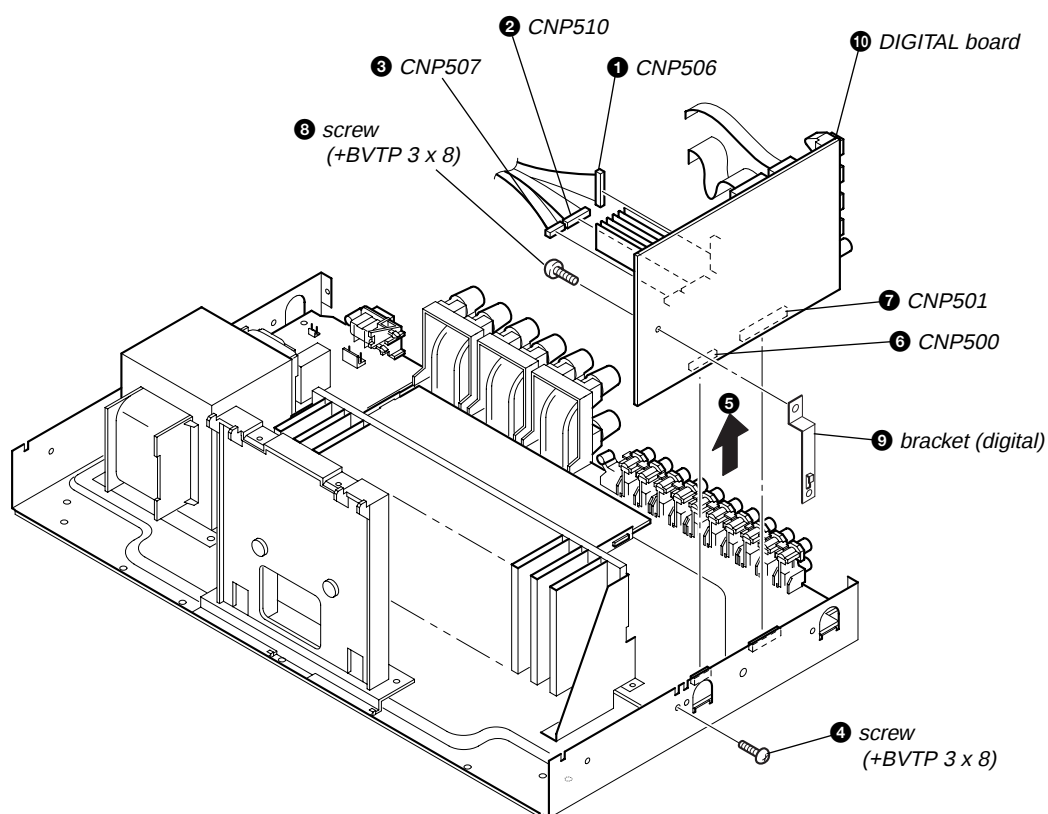
2-2. FRONT PANEL SECTION



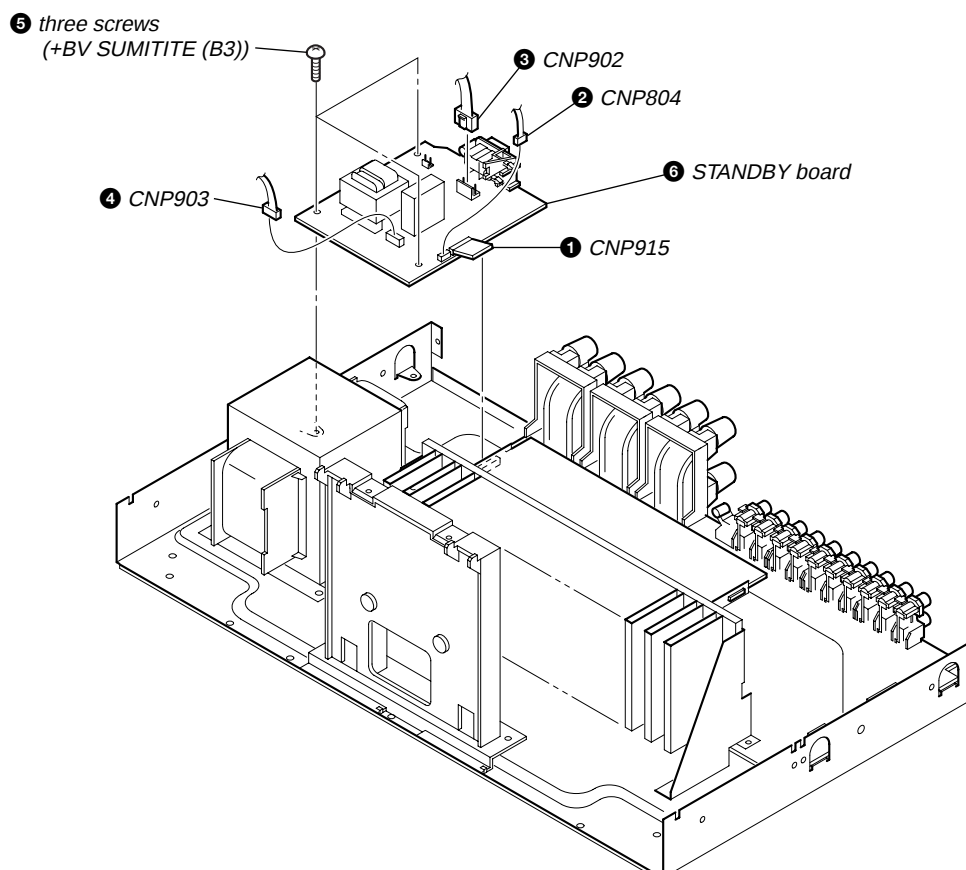
2-3. BACK PANEL SECTION



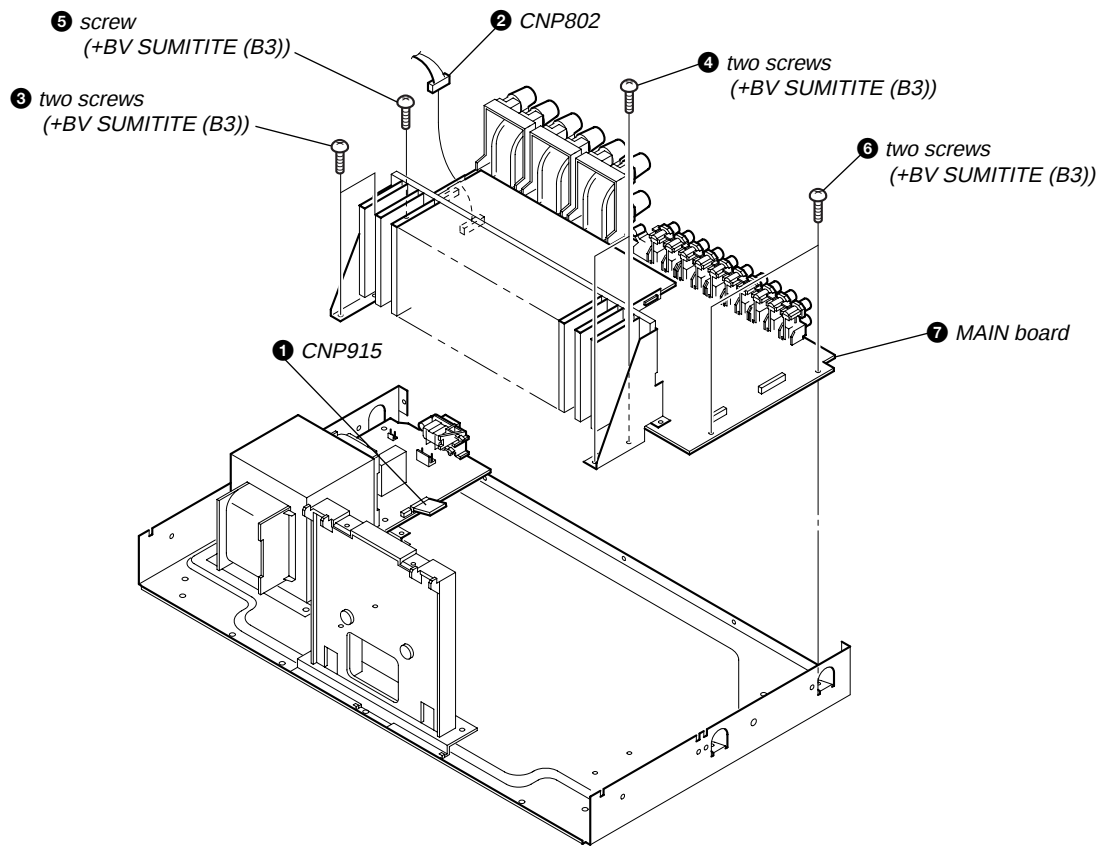
2-4. DIGITAL BOARD



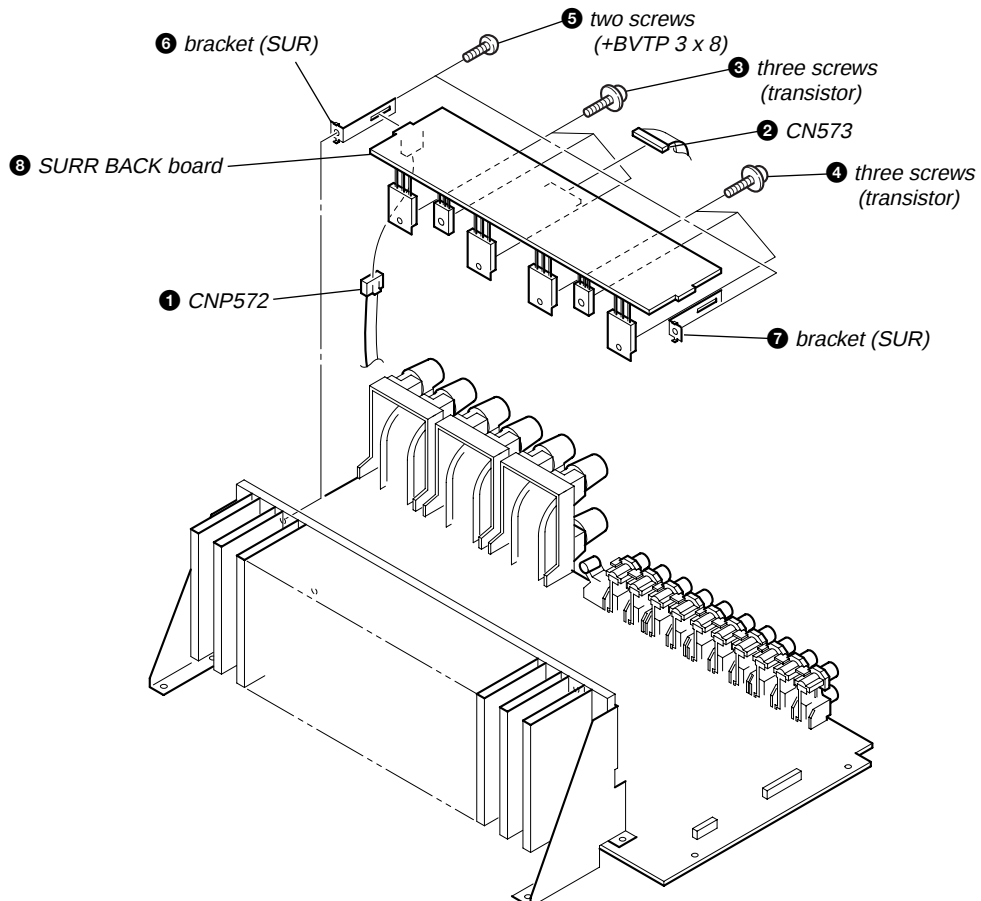
2-5. STANDBY BOARD



2-6. MAIN BOARD



2-7. SURR BACK BOARD



SECTION 3 TEST MODE

FACTORY PRESET MODE

- * All preset contents are reset to the default setting.
- * Procedure:
While depressing the **[FM MODE]** and the **[DISPLAY]** buttons simultaneously, press the **[I/⏻]** button to turn on the main power. The message “FACTORY” appears for a moment and the present contents are reset to the default values.

AM CHANNEL STEP 9 kHz/10 kHz SELECTION MODE (US, Canadian model only)

- * Either the 9 kHz step or 10 kHz step can be selected for the AM channel step.
- * Procedure:
Press the **[TUNER FM/AM]** button to set AM and press the **[I/⏻]** button to turn off the main power.
While depressing the **[PRESET TUNING +]** button or the **[TUNING +]** button, press the **[I/⏻]** button to turn on the main power.
Either the message “9k STEP” or “10k STEP” appears for a moment and select the desired step.

SPEAKER SIZE SELECTION MODE

- * Either the normal speaker or micro satellite speaker can be selected.
- * Procedure:
While depressing the **[DIMMER]** button, press the **[I/⏻]** button to turn on the main power.
Either the message “NORM. SP.” or “MICRO SP.” appears for a moment and select the desired speaker size.

FLUORESCENT INDICATOR TUBE TEST MODE

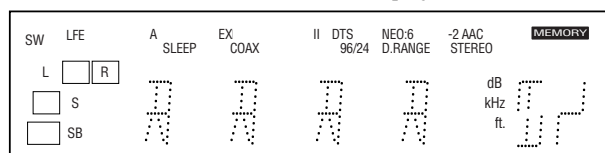
- * All fluorescent segments are tested.
When this test is activated, all segments light on at the same time, then each segment lights on one after another.
- * Procedure:
While depressing the **[TUNING -]** and the **[SPEAKERS (OFF/A/B/A+B)]** buttons simultaneously, press the **[I/⏻]** button to turn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

1. ALL segments light on.



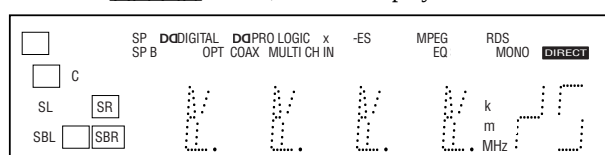
[2CH], **[A.F.D.]**, **[MOVIE]**, **[MUSIC]** and **[MULTI CHANNEL DECODING]** LED light on.

2. Press the **[VIDEO 1]** button, confirm display.



[A.F.D.] and **[MUSIC]** LED light on.

3. Press the **[VIDEO 1]** button, confirm display.



[2CH], **[MOVIE]** and **[MULTI CHANNEL DECODING]** LED light on.

4. Press the **[VIDEO 1]** button, all segments and all LEDs light off.
5. Every pressing the **[VIDEO 1]** button turns on each segment and LED one after another in the same order.
(Not only the **[VIDEO 1]** button, but also the other buttons such as **[VIDEO 2]**, **[VIDEO 3]**, **[DVD]**, **[MD/TAPE]**, **[SA-CD/CD]**, **[TUNER FM/AM]** and **[AUX]** can be used.)

SOUND FIELD CLEAR MODE

- * The preset sound field is cleared when this mode is activated.
Use this mode before returning the product to clients upon completion of repair.
- * Procedure:
While depressing the **[2CH]** button, press the **[I/⏻]** button to turn on the main power.
The message “SF. CLR.” appears for a moment and initialization is performed.

SOFTWARE VERSION DISPLAY MODE

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

KEY CHECK MODE

- * Button check
- * Procedure:
While depressing the **[TUNING -]** and the **[MAIN MENU]** buttons simultaneously, press the **[I/⏻]** button to turn on the main power. Either the message “REST 28” appears.
Every pressing of any button other than the **[I/⏻]** counts down the buttons. The buttons which are already counted once are not counted again. When all buttons are pressed “REST 00” appears.

AUTOBETICAL MODE (AEP, UK model only)

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

COMMAND MODE SELECTION MODE

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

SECTION 4

DIAGRAMS

4-1. IC PIN DESCRIPTIONS

• IC1501 CXD9718Q (DSP) (DIGITAL Board (2/3))

Pin No.	Pin Name	I/O	Pin Description
1	VSS	—	Ground
2	XRST	I	Reset signal input from SYSTEM CONTROL IC
3	EXTIN	I	Not used (Connect to ground)
4	LRCKI3	I	Not used (Connect to ground)
5	VDDI	I	Power supply pin (+2.6 V)
6	BCKI3	I	Not used (Connect to ground)
7	PLOCK	O	Not used (Open)
8	VSS	—	Ground
9	MCLK1	I	Clock signal input (13.5 MHz)
10	VDDI	I	Power supply pin (+2.6 V)
11	VSS	—	Ground
12	MCLK2	O	Clock signal output (13.5 MHz)
13	MS	I	Not used (Fixed at L)
14	SCKOUT	O	Internal system clock signal output for 2CH/6CH DAC IC
15	LRCKI1	I	Sampling clock signal input from ADC IC
16	VDDE	I	Power supply pin (+3.3 V)
17	BCKI1	I	Bit clock signal input from ADC IC
18	SDI1	I	Audio IF data input from ADC IC
19	LRCKO	O	Sampling clock signal output for 2CH/6CH DAC IC
20	BCKO	O	Bit clock signal output for 2CH/6CH DAC IC
21	VSS	—	Ground
22	KFSIO	I/O	Audio clock signal (384fs/256fs) input/output for DIR IC
23 to 25	SDO1 to SDO3	O	Digital audio serial data output for 6CH DAC IC
26	SDO4	O	Digital audio serial data output for 2CH DAC IC
27	SPDIF	O	Not used (Open)
28	LRCKI2	I	Sampling clock signal input from ADC IC
29	BCKI2	I	Bit clock signal input from ADC IC
30	SDI2	I	Digital audio serial data input from DIR IC
31	VSS	—	Ground
32	HACN	O	Acknowledge signal output for SYSTEM CONTROL IC
33	HDIN	I	Serial data input from SYSTEM CONTROL IC
34	HCLK	I	Clock signal input from SYSTEM CONTROL IC
35	HDOUT	O	Serial data output for SYSTEM CONTROL IC
36	HCS	I	Chip select signal input from SYSTEM CONTROL IC
37	GP12	I	GP12 signal input from SYSTEM CONTROL IC
38, 39	GP13, GP14	O	Not used (Open)
40	VDDI	I	Power supply pin (+2.6 V)
41	VSS	—	Ground
42	GP15	O	Not used (Open)
43	OE0	O	Not used (Open)
44	CS0	O	External memory chip select signal output for D/A converter IC (SRAM)
45	WE0	O	SRAM write enable signal output for D/A converter IC
46	VDDE	I	Power supply pin (+3.3 V)
47	WMD1	I	Not used (Fixed at H)
48	VSS	—	Ground
49	WMD0	I	Not used (Fixed at H)
50	PAGE2	O	Not used (Open)
51	VSS	—	Ground
52, 53	PAGE1, PAGE0	O	Not used (Open)
54	BOOT	I	Not used (Connect to ground)
55	TST1	O	Not used (Open)

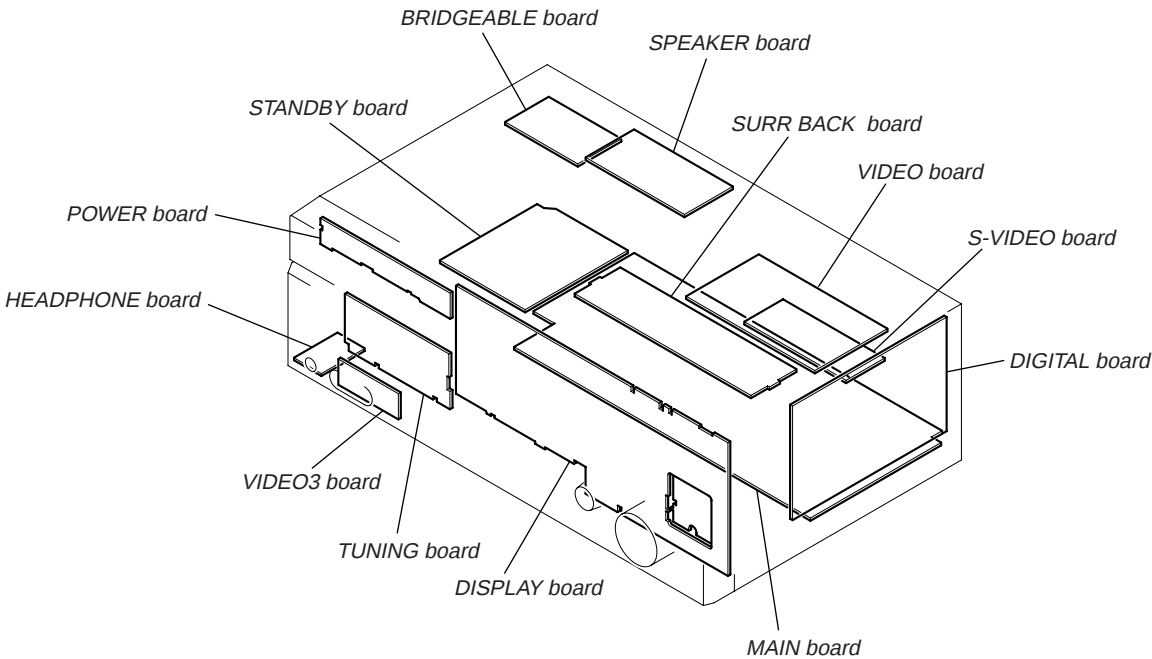
Pin No.	Pin Name	I/O	Pin Description
56	BST	I	Boot stop signal input from SYSTEM CONTROL IC
57	MOD1	I	Operation mode signal input (L: 386fs, H: 256fs) (Fixed at H)
58	MOD0	I	Operation mode signal input (L: single chip mode, H: use prohibited) (Fixed at L)
59	EXLOCK	I	Error detection signal input from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

• IC1101 MB90478PF-G-183-BND (SYSTEM CONTROL) (DIGITAL Board (3/3))

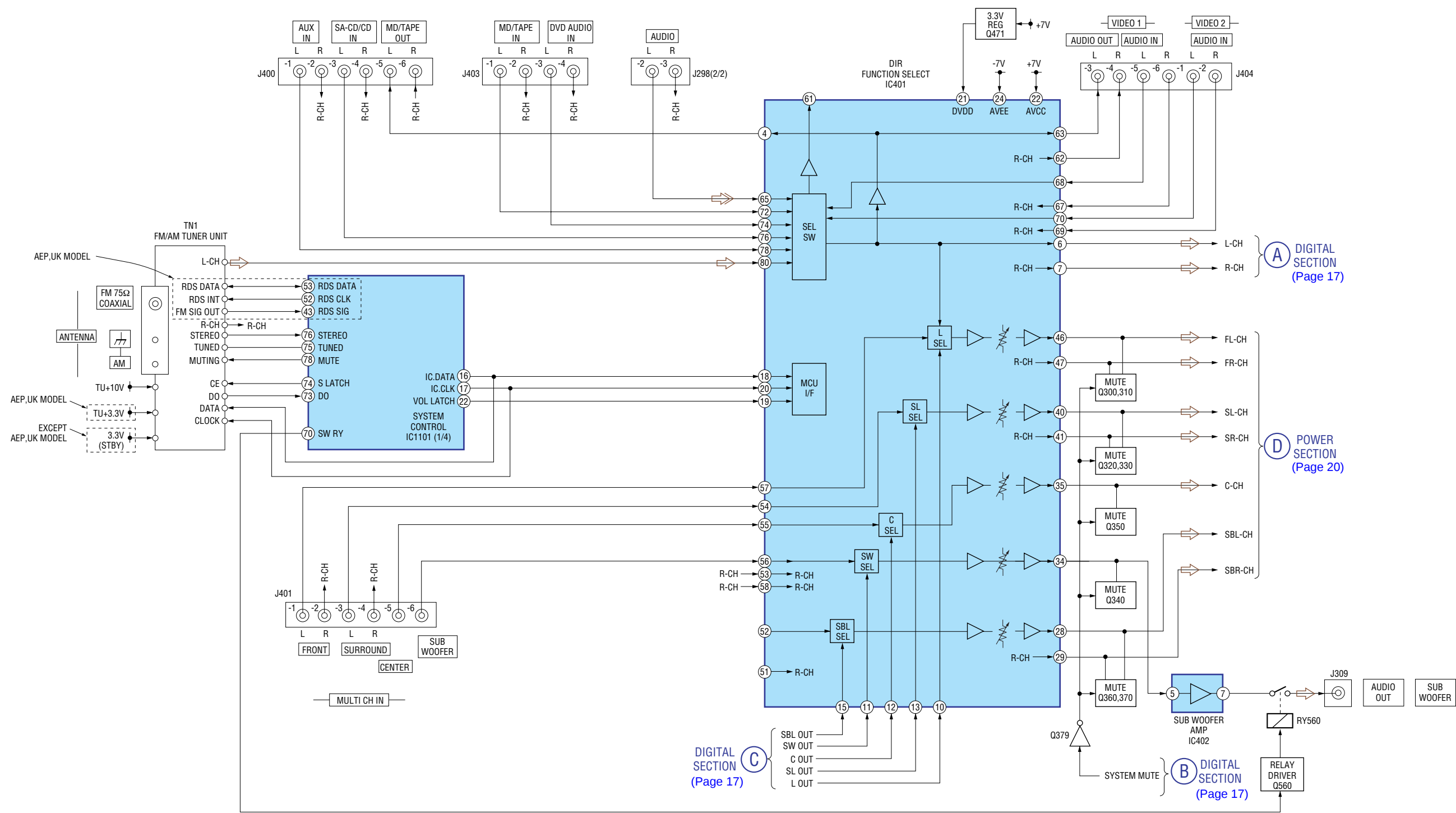
Pin No.	Pin Name	I/O	Pin Description
1	DATAO	I	Serial data line signal input from DIR IC
2	GP9	I	GP9 signal input from DSP IC
3	BST	O	Boot stop control signal output for DSP IC
4	HCS	O	Chip select signal output for DSP IC
5	HACN	I	Acknowledge signal input from DSP IC
6	XRST	O	Reset signal output for DSP IC
7	PM	O	PLL control signal output for DSP IC
8	GP12	O	GP12 signal output for DSP IC
9	AK5380_PDN	O	Power down signal output for ADC IC
10	AK4355_CSN	O	Chip select signal output for 6CH DAC IC
11	VSS	—	Ground
12	AK4355_PDN	O	Power down signal output for 6CH DAC IC
13	AK4381_PDN	O	Power down signal output for 2CH DAC IC
14	AK4381_CSN	O	Chip select signal output for 2CH DAC IC
15	AK4355_CLK	O	Clock signal output for 2CH/6CH DAC IC
16	IC_CLK (VOL_TUNER_TC9273)	O	Clock signal output for FUNCTION SELECT IC and tuner pack
17	IC_DATA (VOL_TUNER_TC9273)	O	Serial data signal output for FUNCTION SELECT IC and tuner pack
18	HDOUT	I	Serial data input from DSP IC
19	HDIN	O	Serial data output for DSP IC
20	HCLK	O	Serial data clock signal output for DSP IC
21	AK4355_CDT1	O	CDT1 signal output for 2CH/6CH DAC IC
22	VOL_LATCH	O	Latch signal output for FUNCTION SELECT IC
23	VCC5	—	Power supply pin (+3.3 V)
24	SYS_MUTE	O	System mute control signal output
25	ANA/DIG	O	Muting and error port signal output
26	FL_CLEAR	O	Not used (Open)
27	FLASH2	—	Flash programming signal output 2
28	FLASH1	—	Flash programming signal output 1
29	ENC_A	I	–/+ (cursor) encoder (+) signal input
30	ENC_B	I	–/+ (cursor) encoder (–) signal input
31, 32	F_A, F_B	—	Not used (Fixed at L)
33	SCL	O	Clock signal output for EEPROM IC
34	SDA	I/O	Serial data input/output for EEPROM IC
35	AVCC	—	Power supply pin (+3.3 V)
36	AVRH	—	Power supply pin (+3.3 V)
37	AVSS	—	Ground
38 to 40	A/D0 to A/D2	I	Key signal input (A/D port)
41	VERSION	I	Destination detection signal input (Fixed at L: US, Canadian model, H: Except for US, Canadian model)
42	VSS	—	Ground
43	RDS_SIG	I	RDS signal level input (AEP, UK model only)
44	MODEL	I	Model detection signal input
45	VOL_ENC (A)	I	Volume encoder (+) signal input
46	VOL_ENC (B)	I	Volume encoder (–) signal input
47	BLUE_LED	O	LED (MULTI CHANNEL DECODING) driver signal output
48	STOP	I	AC off detection signal input
49	MOD0	—	Selection of micon operation mode
50	MOD1	—	Not used (Connect to AVCC)
51	MOD2	—	Selection of micon operation mode
52	RDS_CLK	I	RDS data clock signal input (AEP, UK model only)

Pin No.	Pin Name	I/O	Pin Description
53	RDS_DATA	I	RDS data input (AEP, UK model only)
54	SIRCS	I	SIRCS signal input
55	HP_DETECT	I	Headphones detection signal input
56	POWER_KEY	I	Power key detection signal input
57	FL_LAT	O	Latch signal output for FL driver IC
58	POWER_RY	O	Power relay driver control signal output
59	FL_DATA	O	Serial data output for FL driver IC
60	FL_CLK	O	Clock signal output for FL driver IC
61	PROTECTOR	I	Protector detection signal input
62	HP_RY	O	Headphones relay driver control signal output
63	FUSE_DETECT	I	Fuse open detection signal input
64	A1_OUT	O	CTRL A1 II signal output (Except for AEP, UK model)
65	A1_IN	I	CTRL A1 II signal input (Except for AEP, UK model)
66	FRONT_RY	O	Front speaker A relay driver control signal output
67	SP_B_RY	O	Front speaker B relay driver control signal output
68	C/SB_RY	O	Center/Surround back speakers relay driver control signal output
69	REAR_RY	O	Surround speaker relay driver control signal output
70	SW_RY	O	Sub woofer relay driver control signal output
71	NC	—	Not used (Fixed at L)
72	BRIDGEABLE_RY	O	Bridgeable relay driver control signal output
73	D0	I	Tuner serial data input
74	SLATCH	O	Tuner latch signal output
75	TUNED	I	Tuned signal detection input
76	STEREO	I	Stereo signal detection input
77	RSTX	I	Reset signal input
78	MUTE	O	Tuner mute signal output
79	X1A	—	Not used (Open)
80	X0A	—	Not used (Connect to VSS)
81	VSS	—	Ground
82	X0	—	Clock signal input (16 MHz)
83	X1	—	Clock signal output (16 MHz)
84	VCC3	—	Power supply pin (+3.3 V)
85	GROUPING_SW	—	Not used (Open)
86 to 89	SW1 to SW4	O	Video select signal output
90	SELECT2	O	Digital input select 2 signal output
91	SELECT1	O	Digital input select 1 signal output
92	BST_SEL	O	96/24 signal output for DSP IC
93	XMODE	O	Xmode signal output for DIR IC
94	CKSEL1	O	Clock select signal output for DIR IC
95	CLK	O	Data clock signal output for DIR IC
96	CE	O	Latch signal output for DIR IC
97	DI	O	Data output for DIR IC
98	DO	I	Data input from DIR IC
99	ERROR	I	Error detection signal input from DIR IC
100	XSTATE	I	Xstate signal input from DIR IC

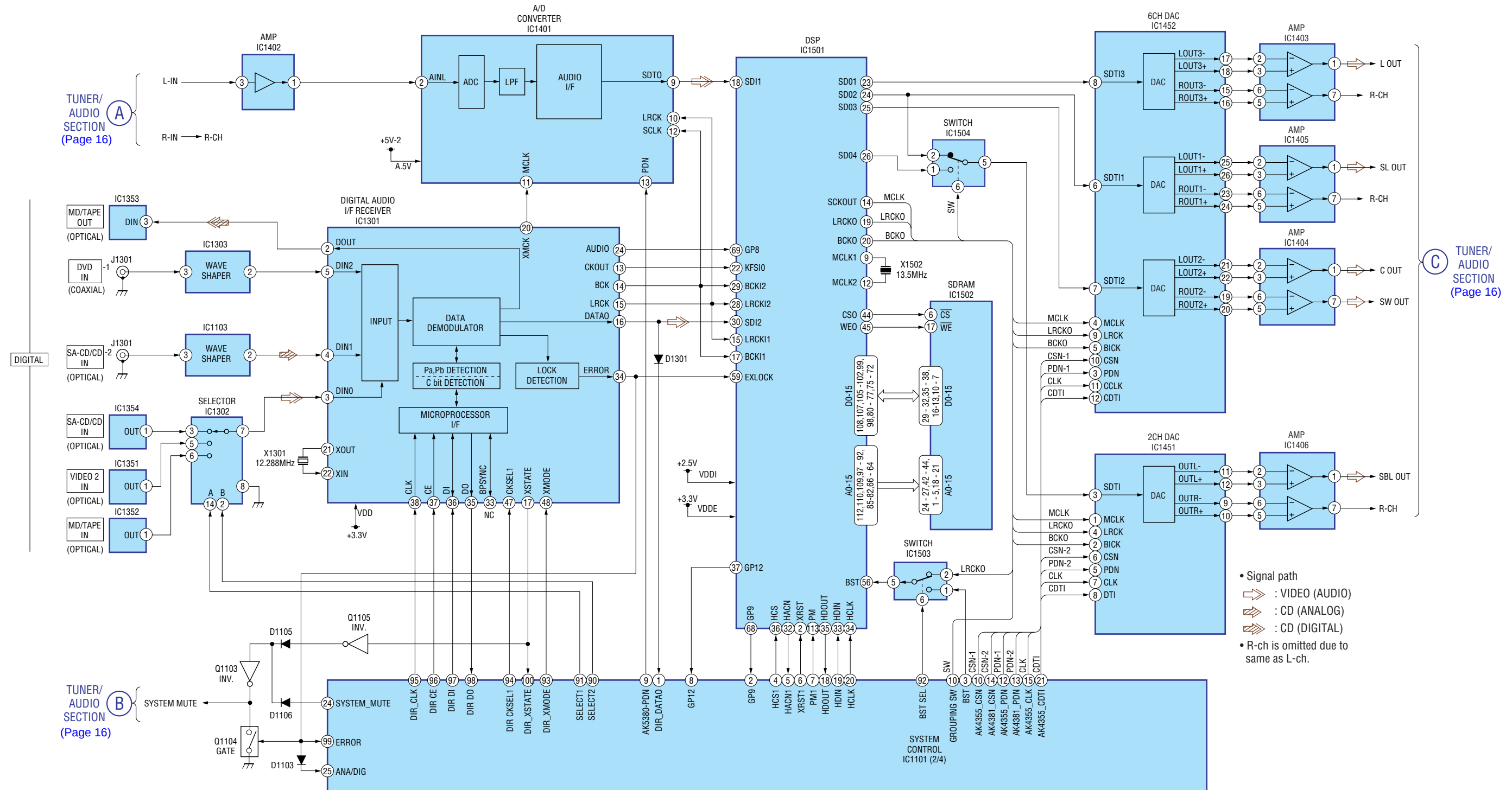
4-2. CIRCUIT BOARDS LOCATION



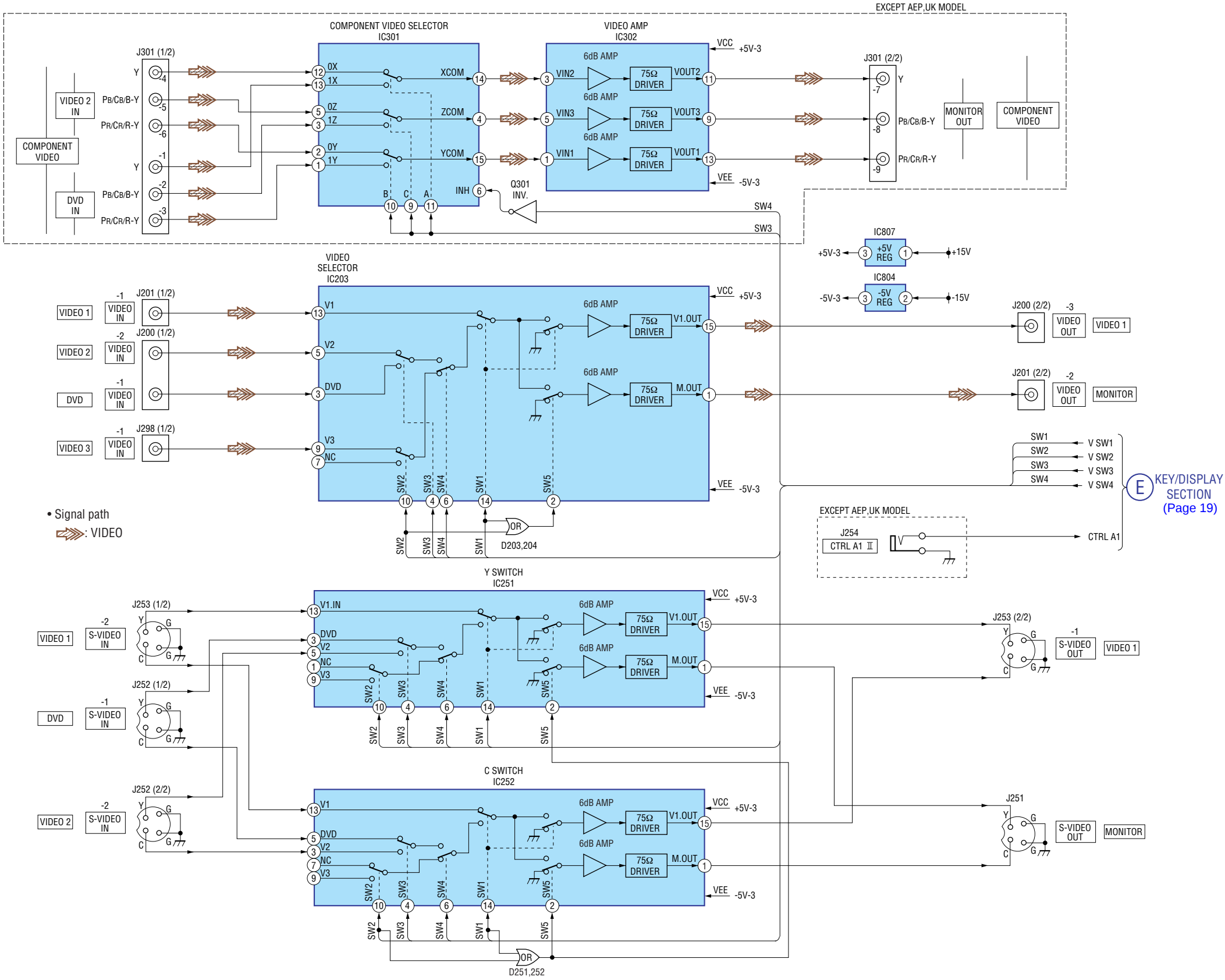
4-3. BLOCK DIAGRAM — TUNER/AUDIO SECTION —



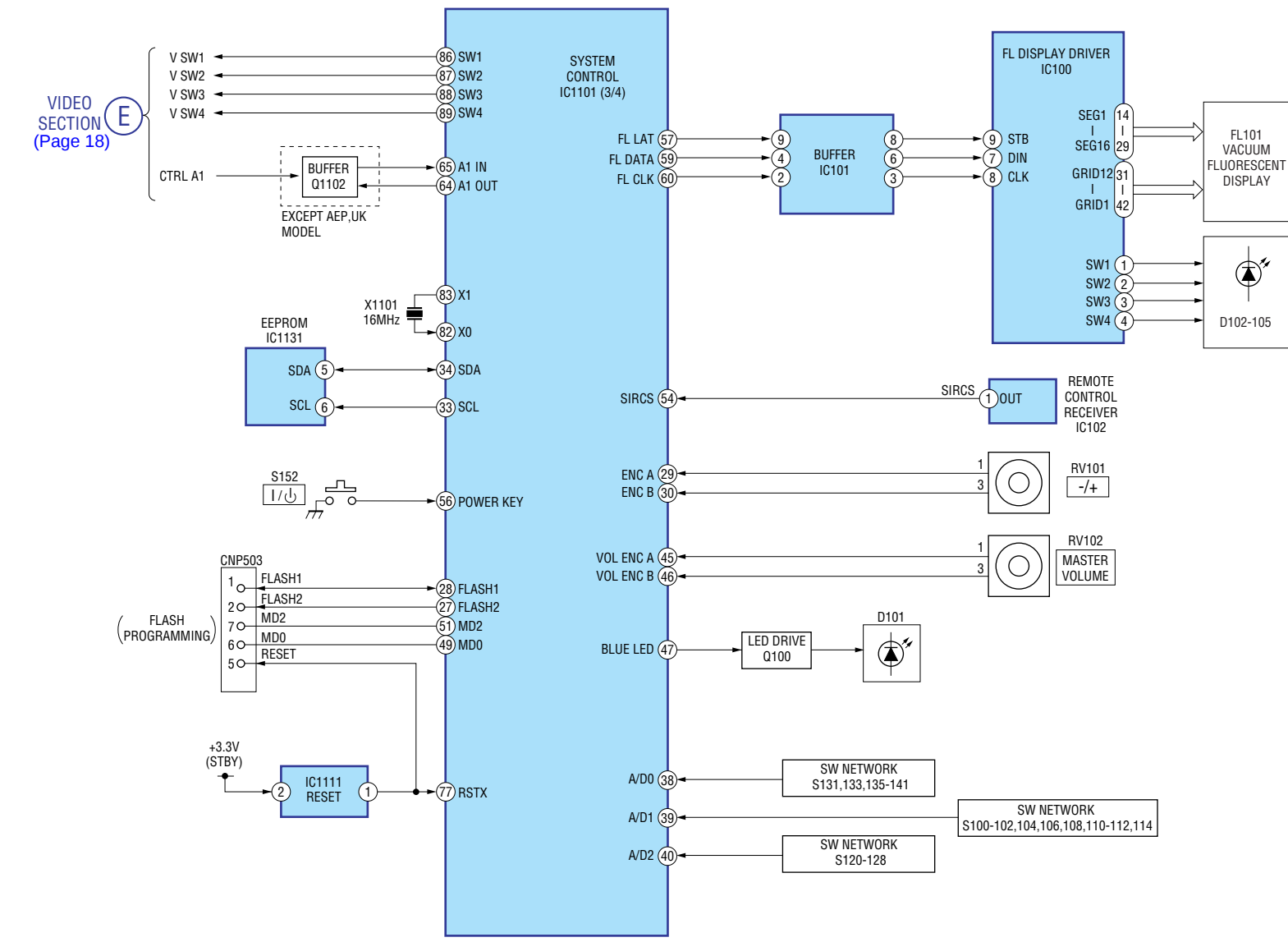
4-4. BLOCK DIAGRAM — DIGITAL SECTION —



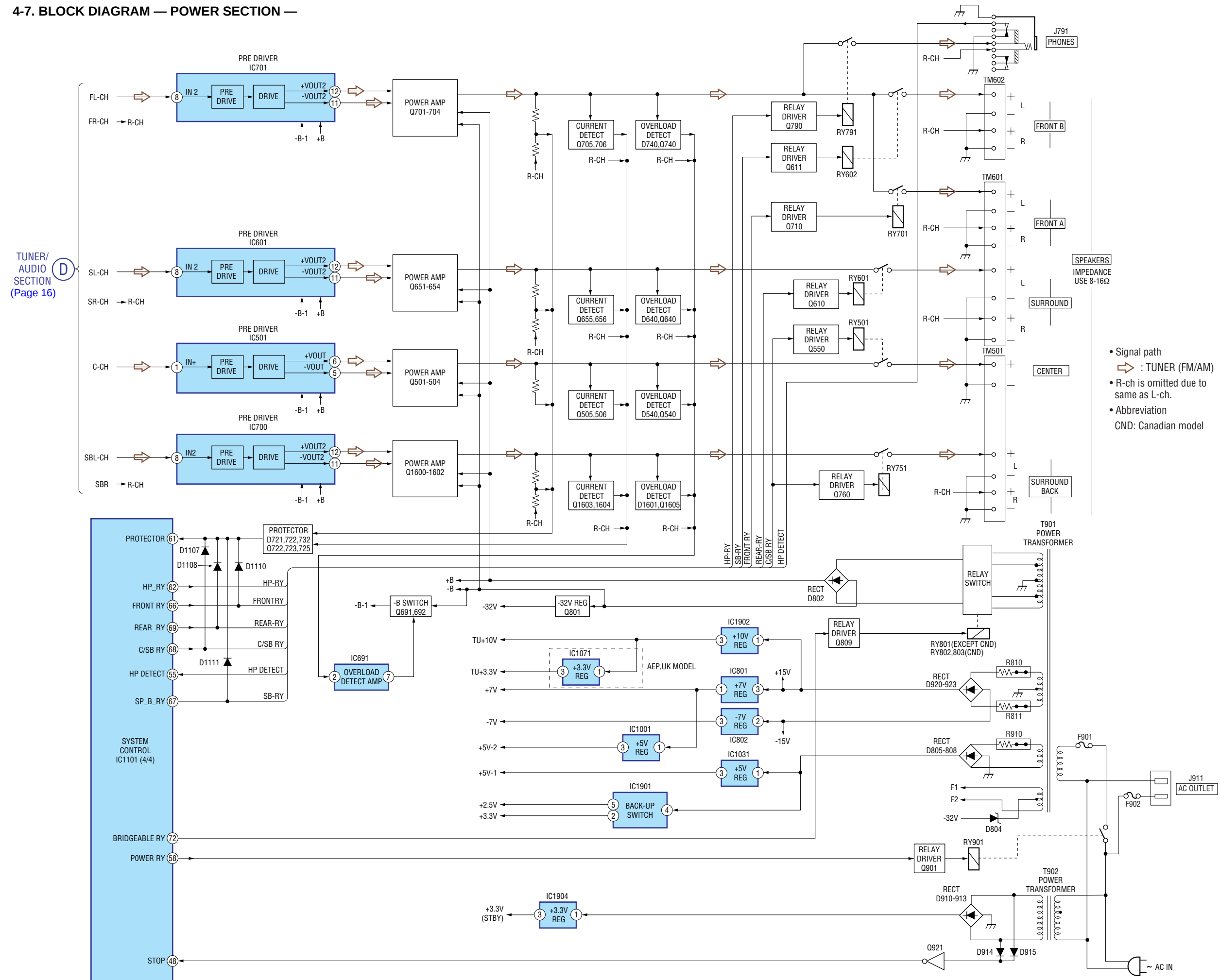
4-5. BLOCK DIAGRAM — VIDEO SECTION —



4-6. BLOCK DIAGRAM — KEY/DISPLAY SECTION —



4-7. BLOCK DIAGRAM — POWER SECTION —



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

for schematic diagram:

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

Note:

The components identi-
fied by mark $\triangle$ or dotted
line with mark $\triangle$ are criti-
cal 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.

-  : B+ Line.
-  : B- Line.
- Voltage and waveforms are dc with respect to ground
under no-signal (detuned) conditions.
no mark : FM
- Voltages are taken with a VOM (Input impedance 10 M Ω).
Voltage variations may be noted due to normal produc-
tion tolerances.
- Waveforms are taken with a oscilloscope.
Voltage variations may be noted due to normal produc-
tion tolerances.
- Circled numbers refer to waveforms.
- Signal path.
 : TUNER (FM/AM)
 : VIDEO (AUDIO)
 : VIDEO
 : CD (ANALOG)
 : CD (DIGITAL)
- Abbreviation
CND : Canadian model.
AUS : Australian model.
SP : Singapore model.
MY : Malaysia model.

for printed wiring boards:

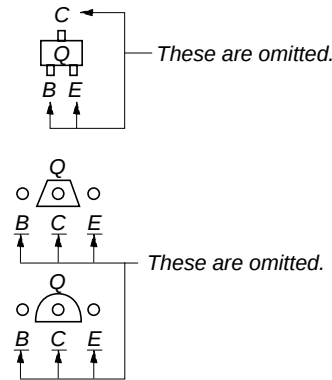
-  : parts extracted from the component side.
- $\triangle$: internal component.
-  : Pattern from the side which enables seeing.

Caution:

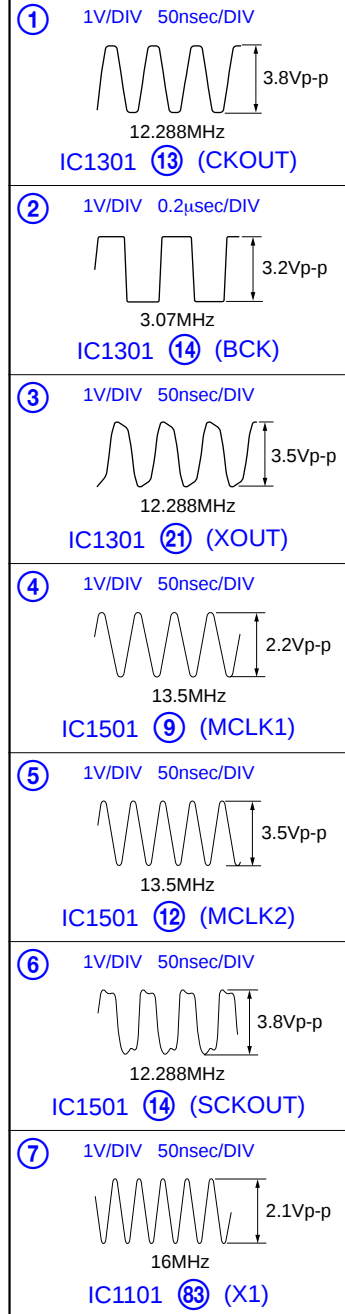
Pattern face side: Parts on the pattern face side seen from the
(Side B) pattern face are indicated.
Parts face side: Parts on the parts face side seen from the
(Side A) parts face are indicated.

• Abbreviation

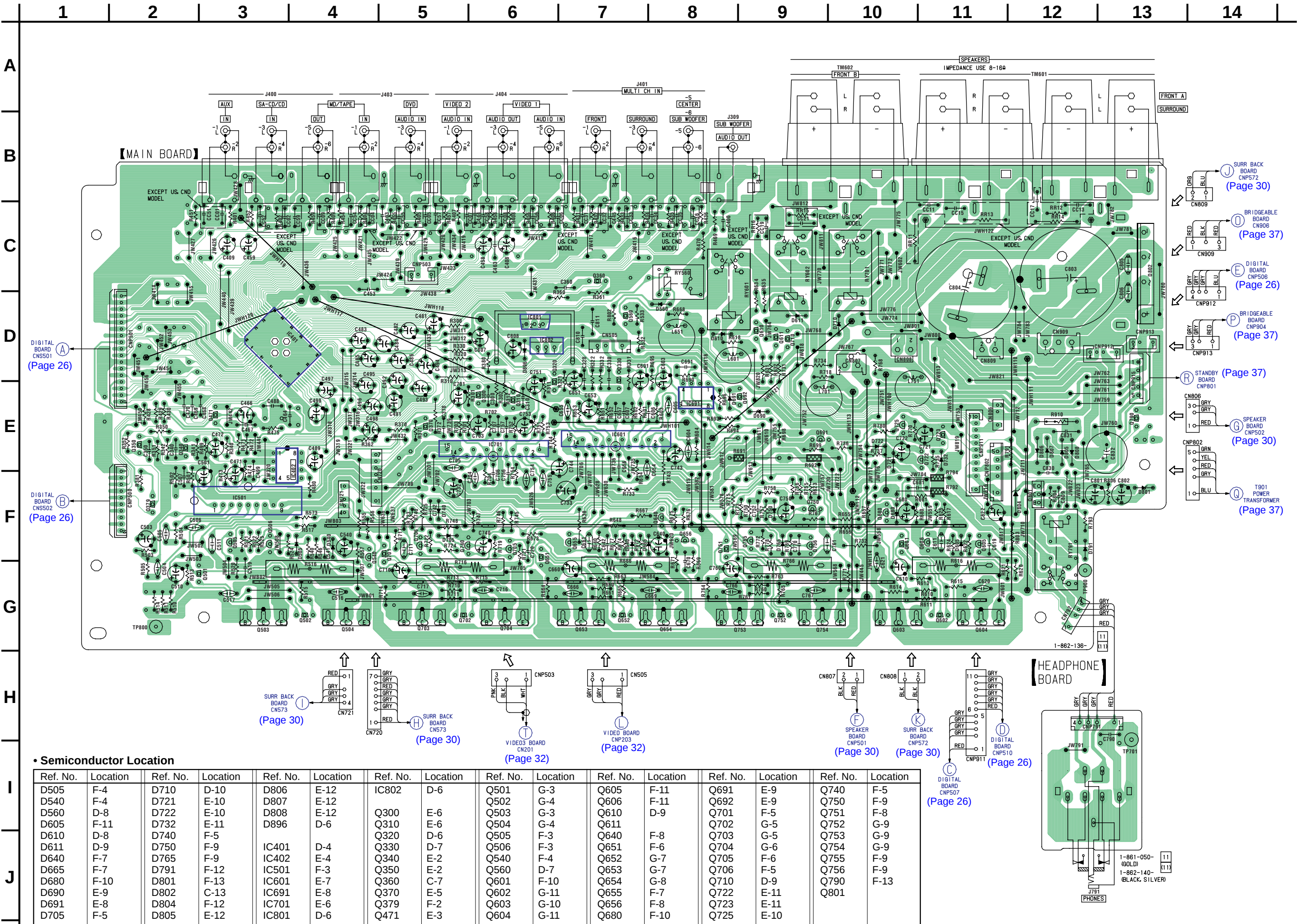
CND : Canadian model.
AUS : Australian model.
SP : Singapore model.
MY : Malaysia model.



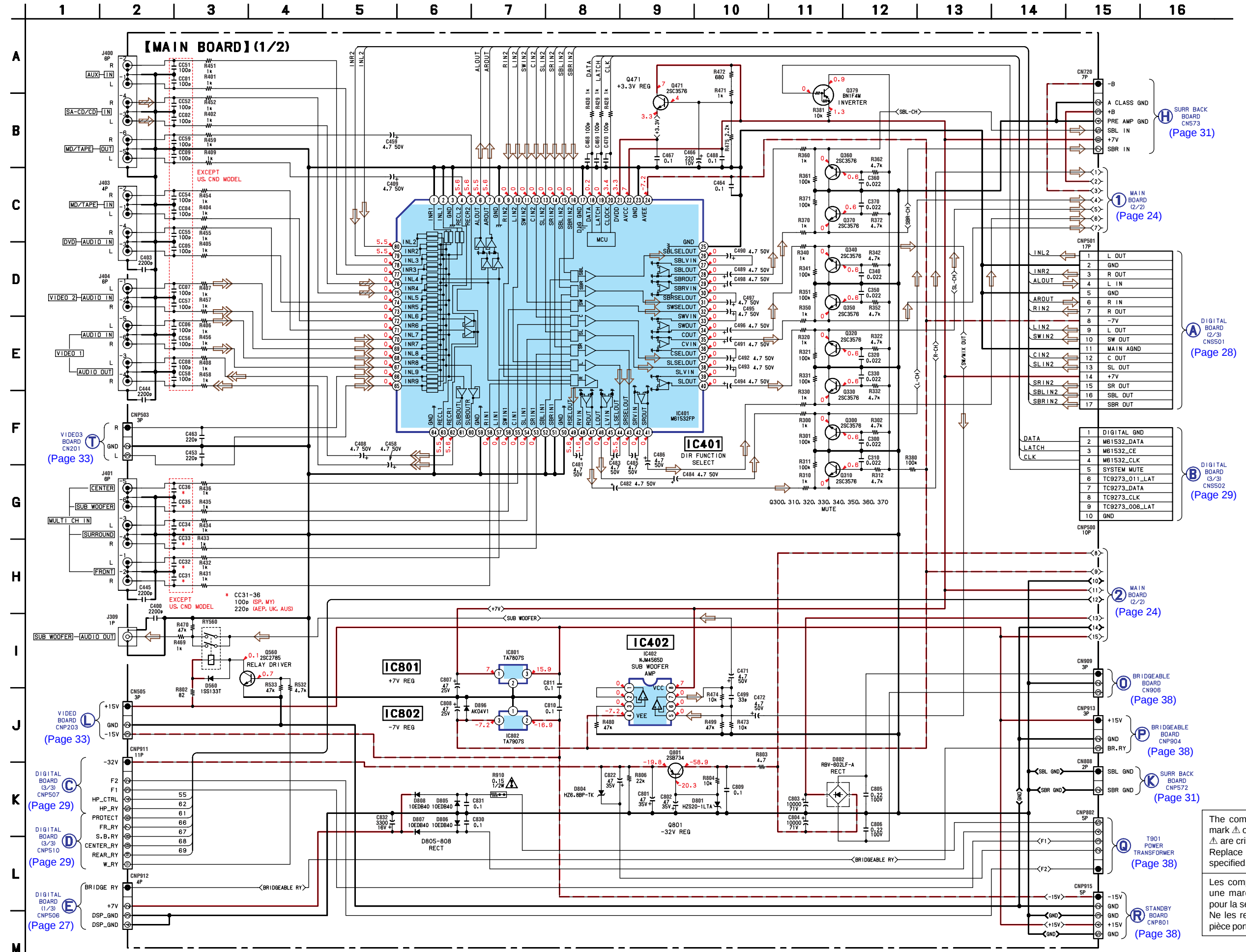
• Waveforms (DIGITAL Board)



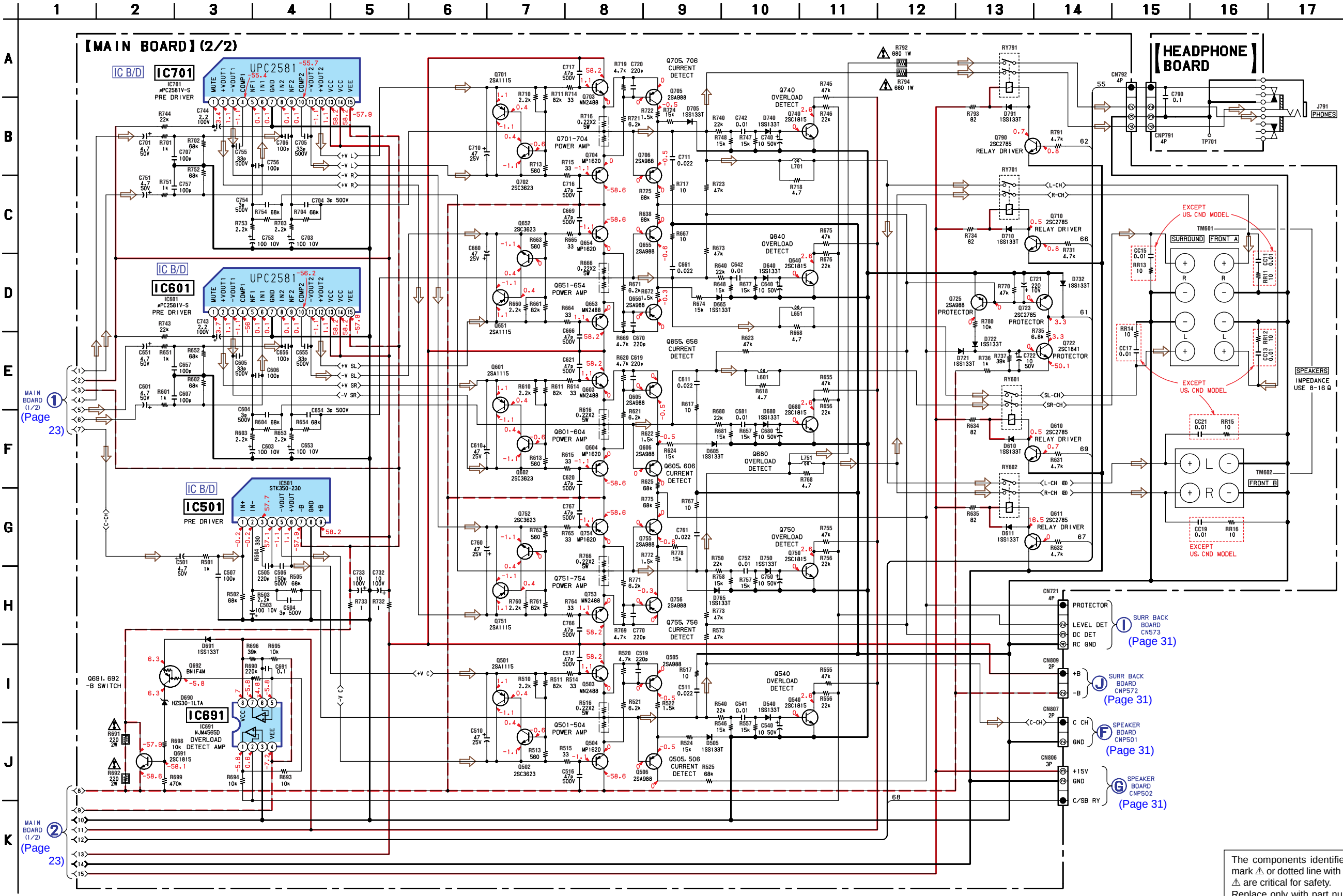
4-8. PRINTED WIRING BOARDS — MAIN SECTION — • Refer to page 15 for Circuit Boards Location and page 21 for Common Note on Printed Wiring Boards.



4-9. SCHEMATIC DIAGRAM — MAIN SECTION (1/2) — • Refer to page 21 for Common Note on Schematic Diagram.



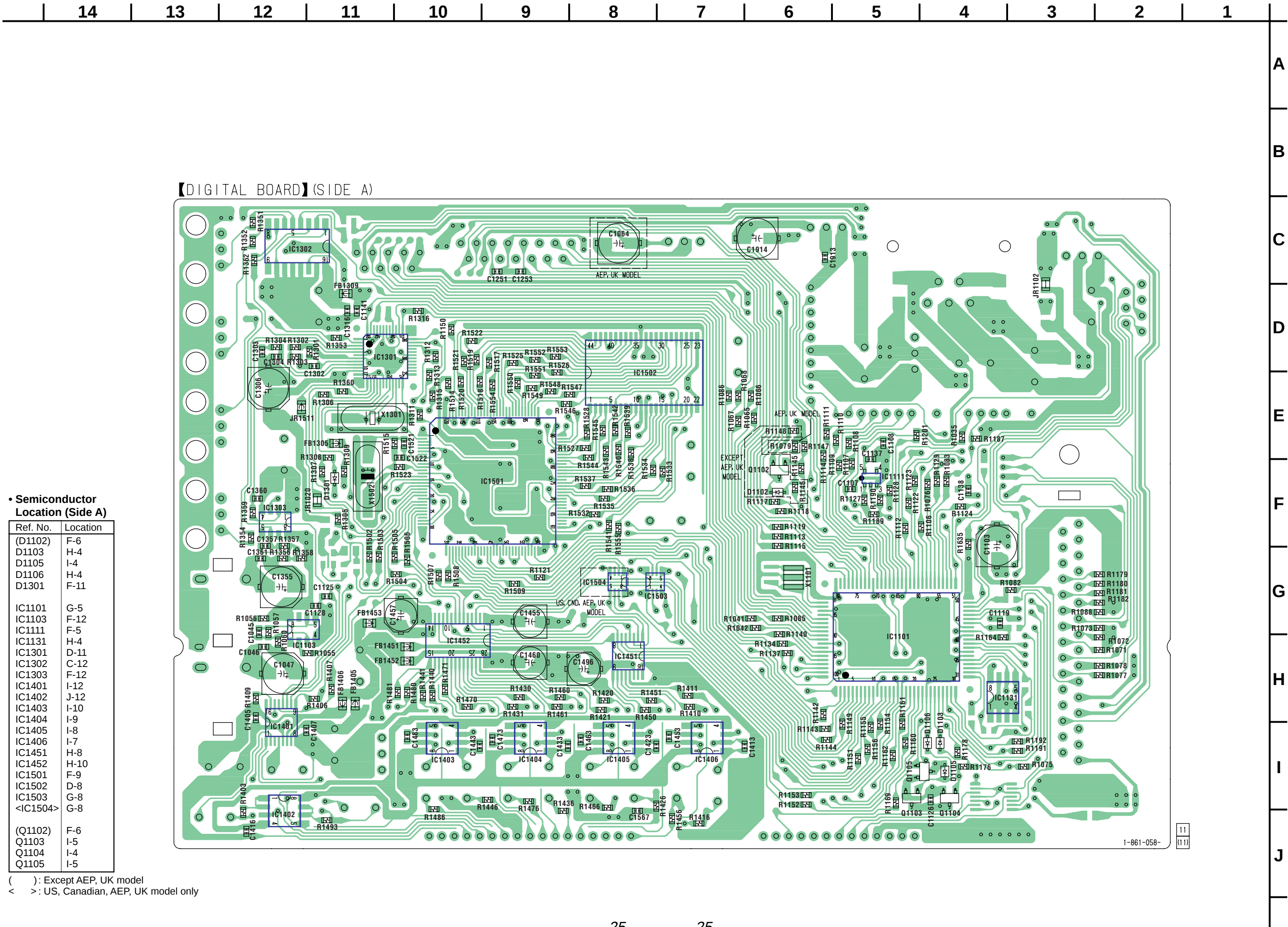
4-10. SCHEMATIC DIAGRAM — MAIN SECTION (2/2) — • Refer to page 21 for Common Note on Schematic Diagram and page 39 for IC Block Diagrams.

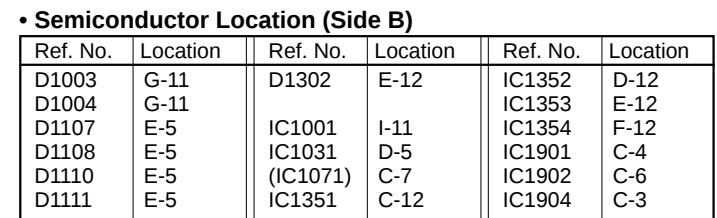


The components identified by mark $\triangle$ or dotted line with mark $\triangle$ are critical for safety. Replace only with part number specified.

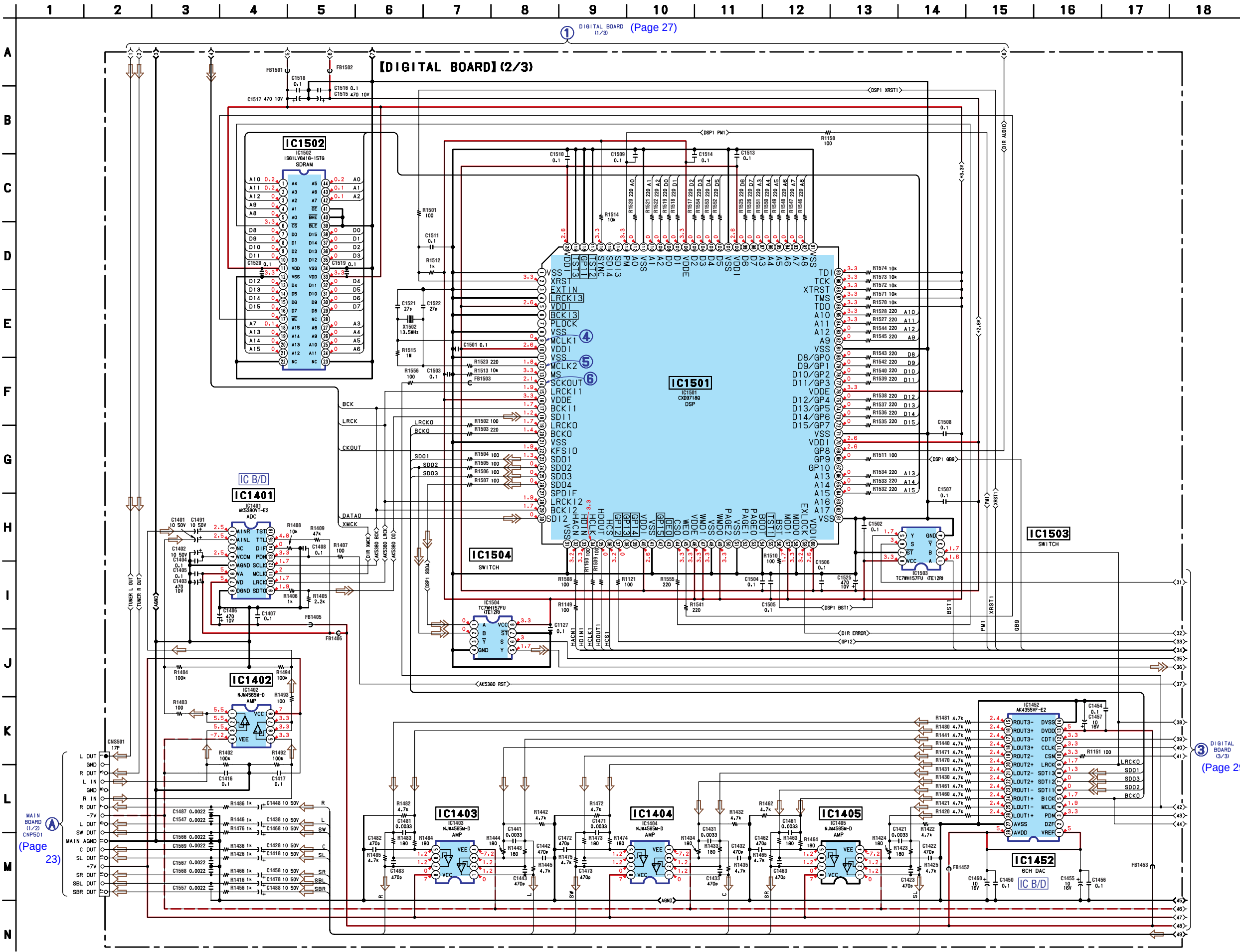
Les composants identifiés par une marque $\triangle$ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

4-11. PRINTED WIRING BOARD — DIGITAL SECTION (1/2) — • Refer to page 15 for Circuit Boards Location and page 21 for Common Note on Printed Wiring Boards.

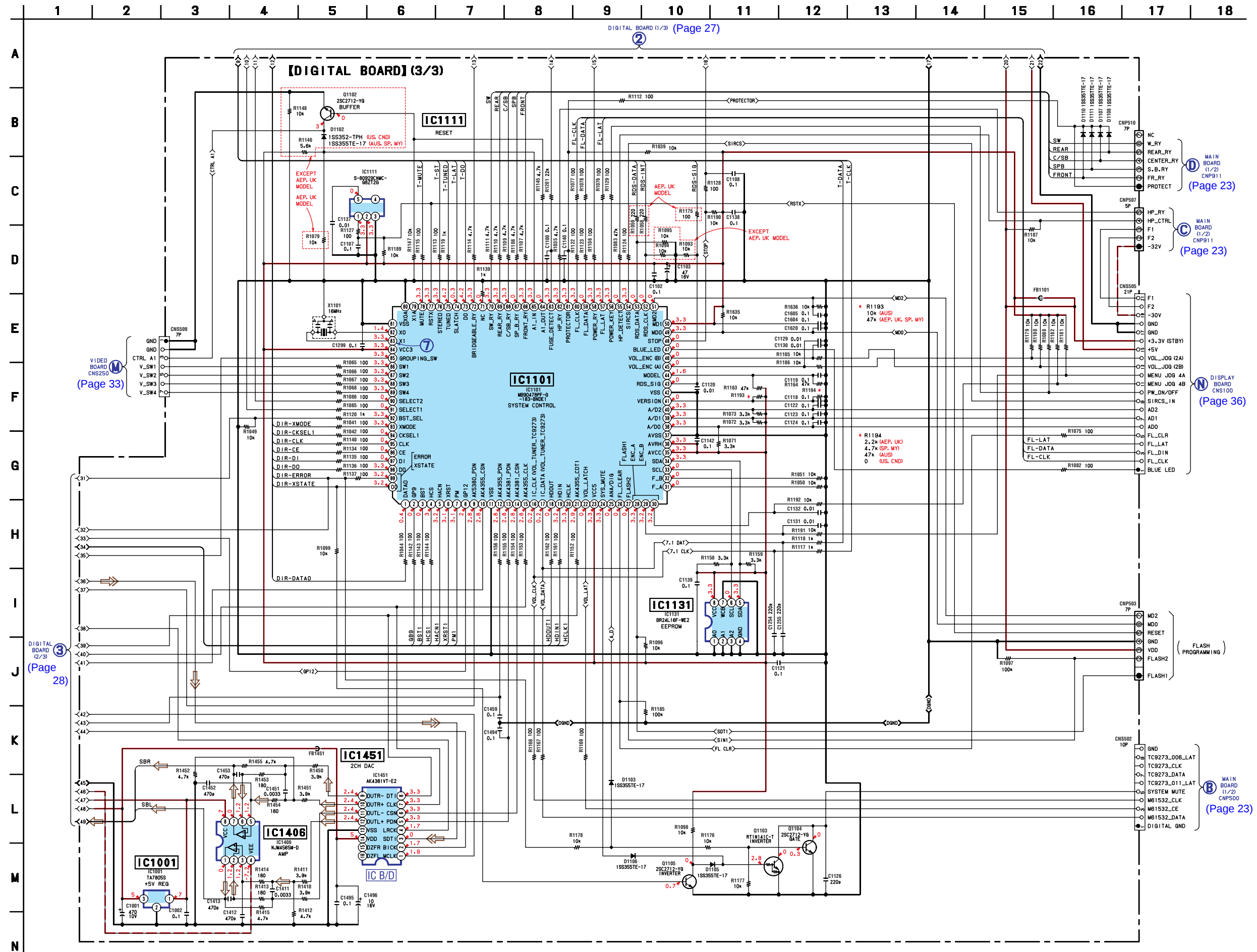




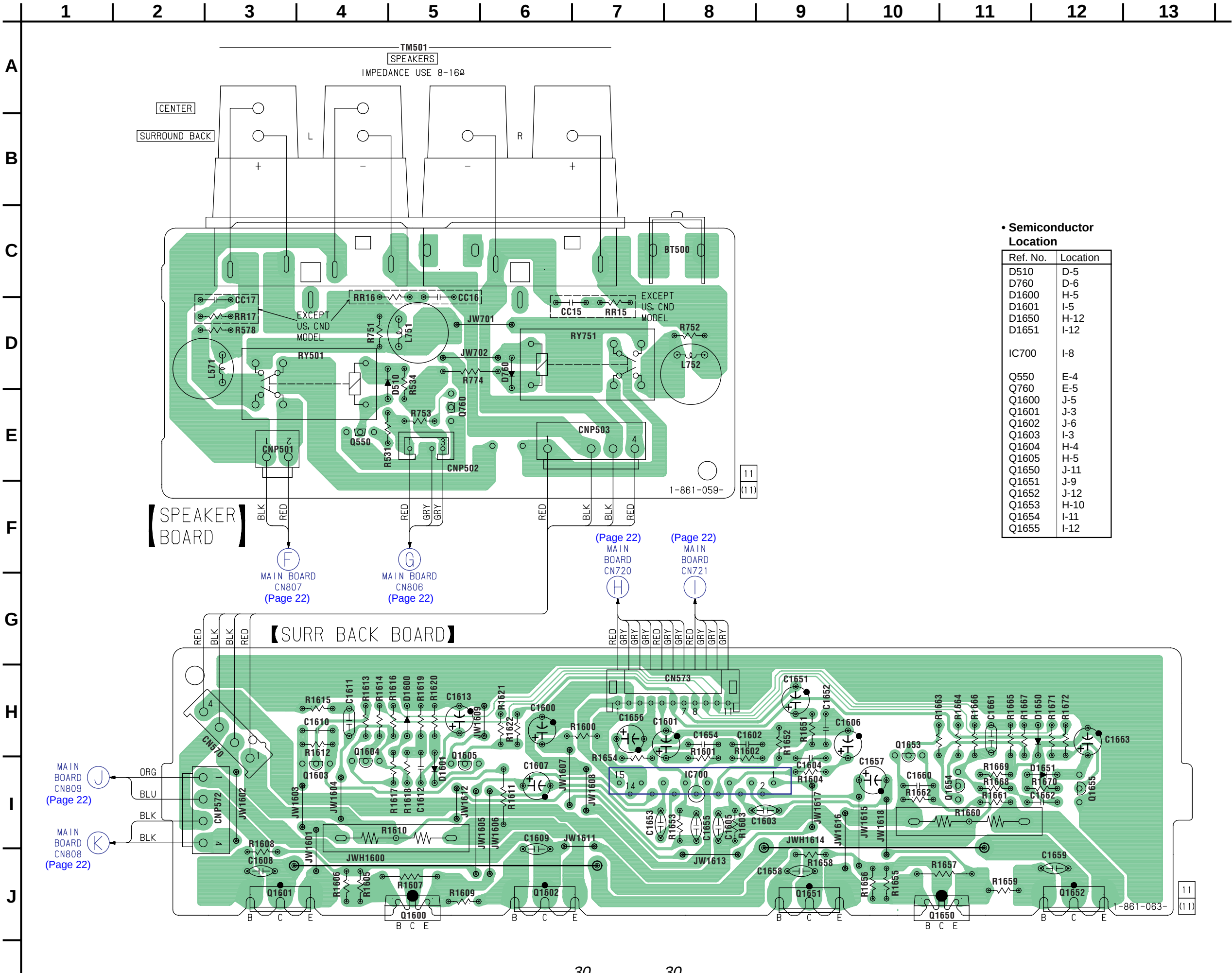
4-14. SCHEMATIC DIAGRAM — DIGITAL SECTION (2/3) — • Refer to page 21 for Common Note on Schematic Diagram and Waveforms and page 40 for IC Block Diagrams.



4-15. SCHEMATIC DIAGRAM — DIGITAL SECTION (3/3) — • Refer to page 21 for Common Note on Schematic Diagram and Waveforms and page 40 for IC Block Diagrams.



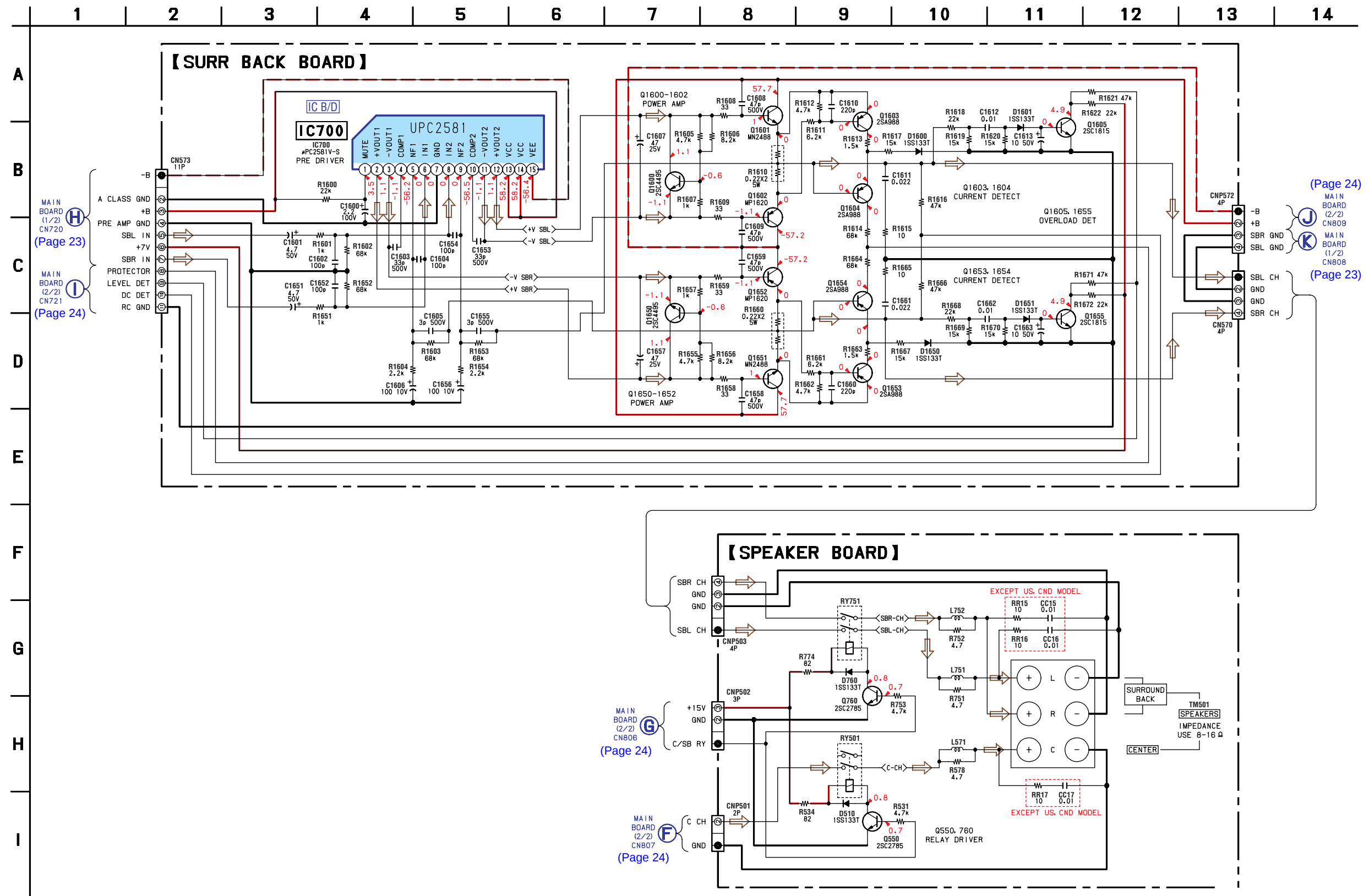
4-16. PRINTED WIRING BOARDS — CENTER/SURROUND BACK SPEAKER SECTION — • Refer to page 15 for Circuit Boards Location and page 21 for Common Note on Printed Wiring Boards.



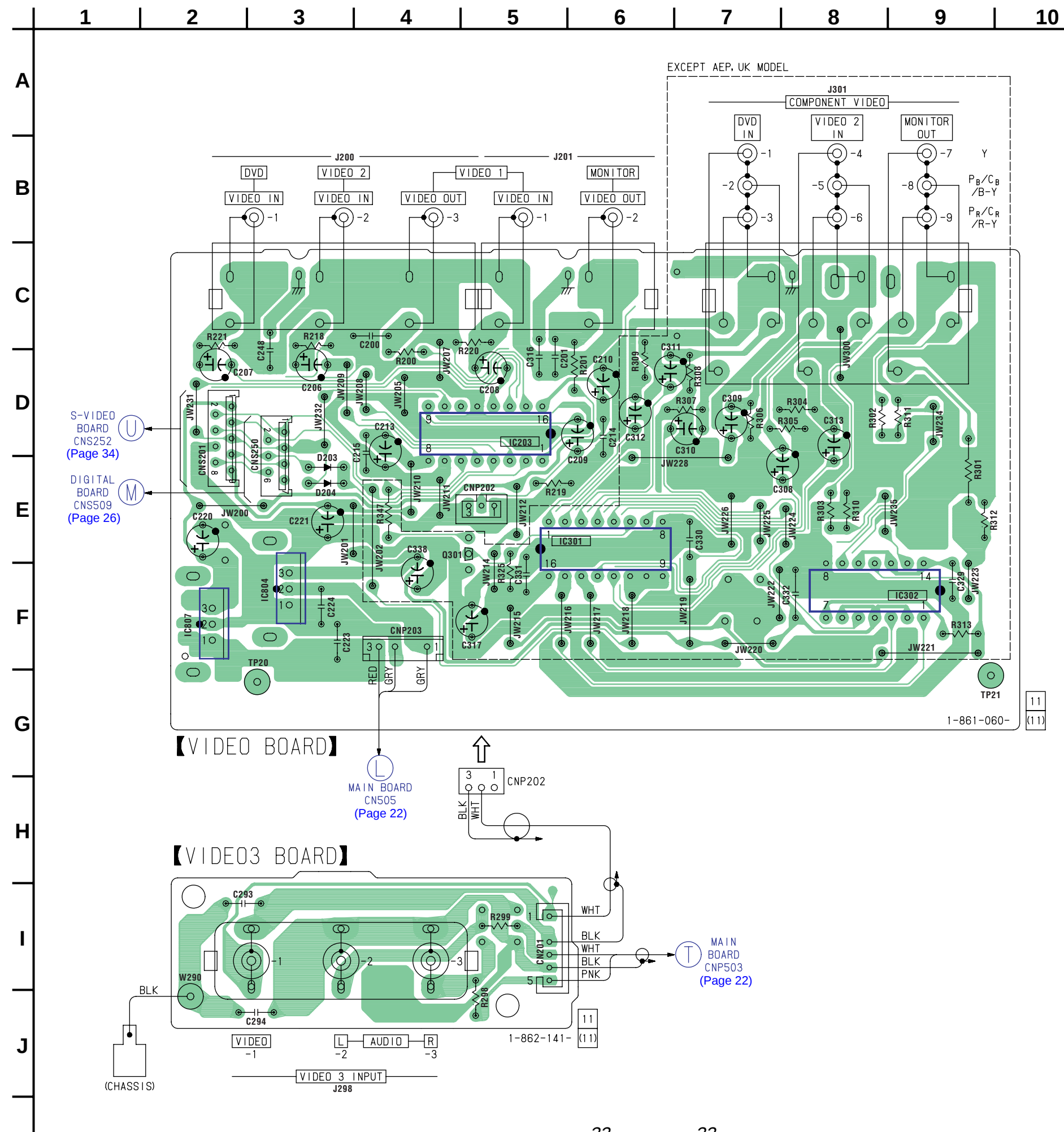
• Semiconductor Location

Ref. No.	Location
D510	D-5
D760	D-6
D1600	H-5
D1601	I-5
D1650	H-12
D1651	I-12
IC700	I-8
Q550	E-4
Q760	E-5
Q1600	J-5
Q1601	J-3
Q1602	J-6
Q1603	I-3
Q1604	H-4
Q1605	H-5
Q1650	J-11
Q1651	J-9
Q1652	J-12
Q1653	H-10
Q1654	I-11
Q1655	I-12

4-17. SCHEMATIC DIAGRAM — CENTER/SURROUND BACK SPEAKER SECTION — • Refer to page 21 for Common Note on Schematic Diagram and page 39 for IC Block Diagrams.



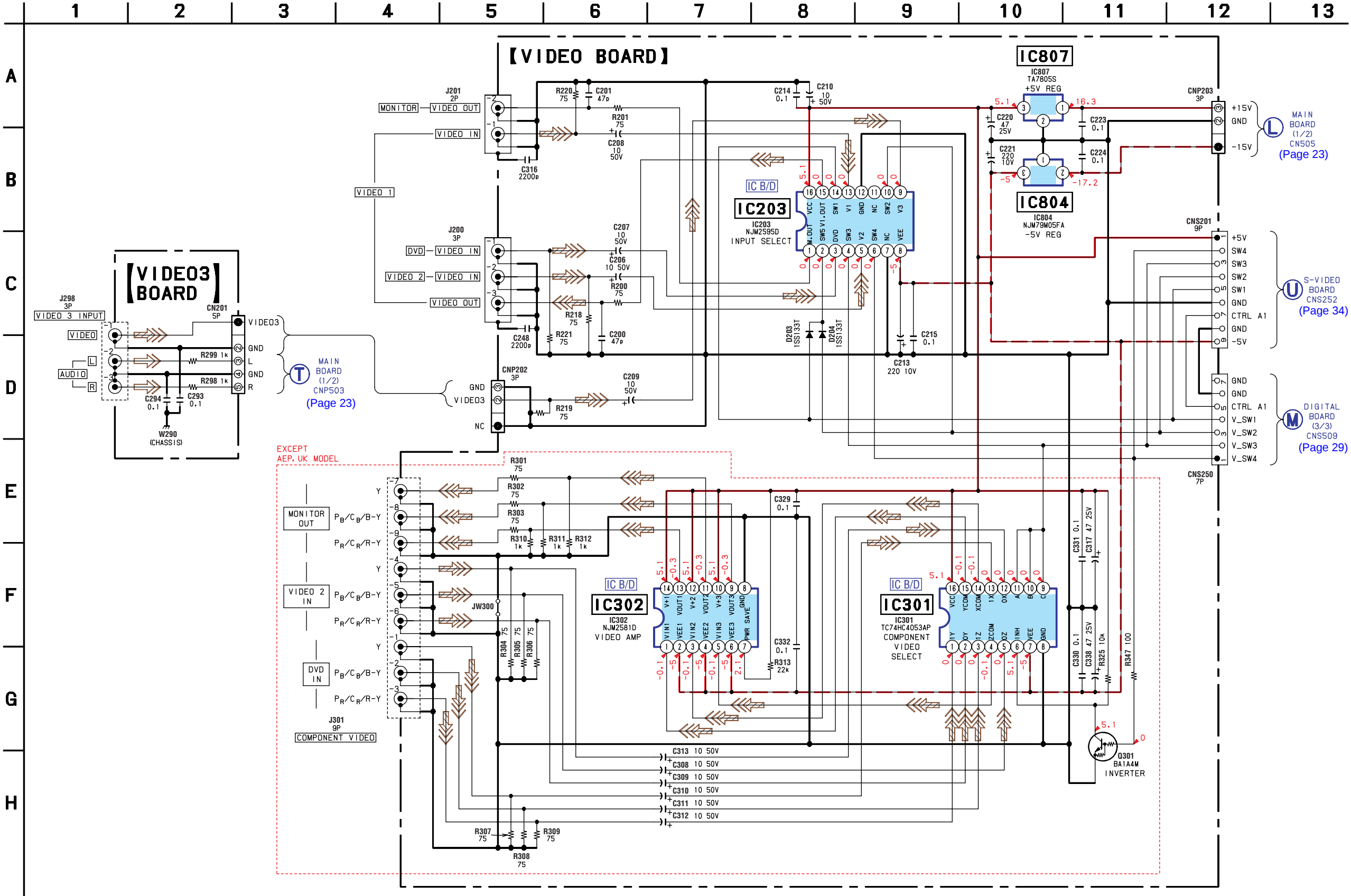
4-18. PRINTED WIRING BOARD — VIDEO SECTION — • Refer to page 15 for Circuit Boards Location and page 21 for Common Note on Printed Wiring Boards.



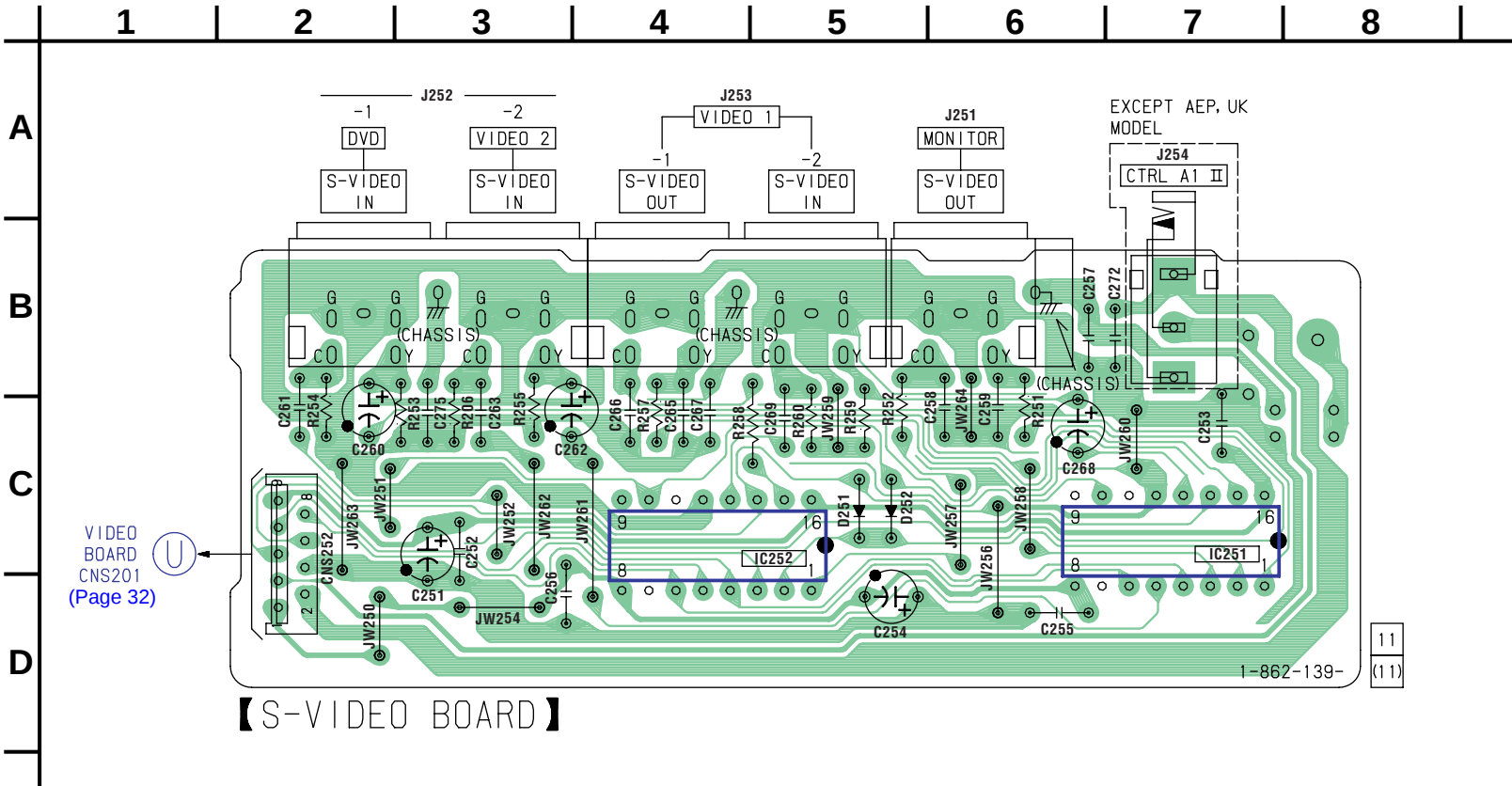
Ref. No.	Location
D203	D-3
D204	E-3
IC203	D-5
(IC301)	E-6
(IC302)	F-9
IC804	F-3
IC807	F-2
(Q301)	E-4

(): Except AEP, UK model

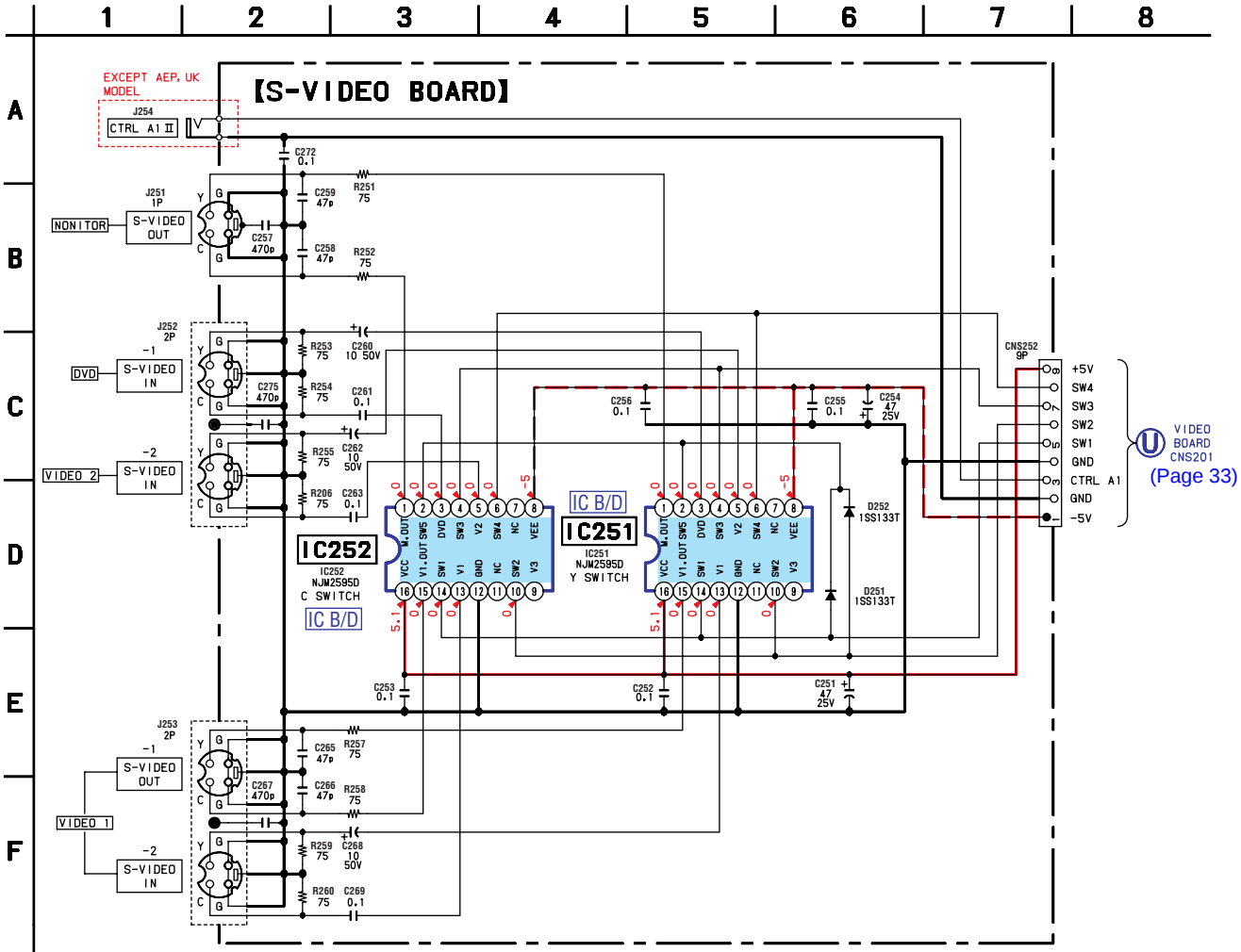
4-19. SCHEMATIC DIAGRAM — VIDEO SECTION — • Refer to page 21 for Common Note on Schematic Diagram and page 41 for IC Block Diagrams.



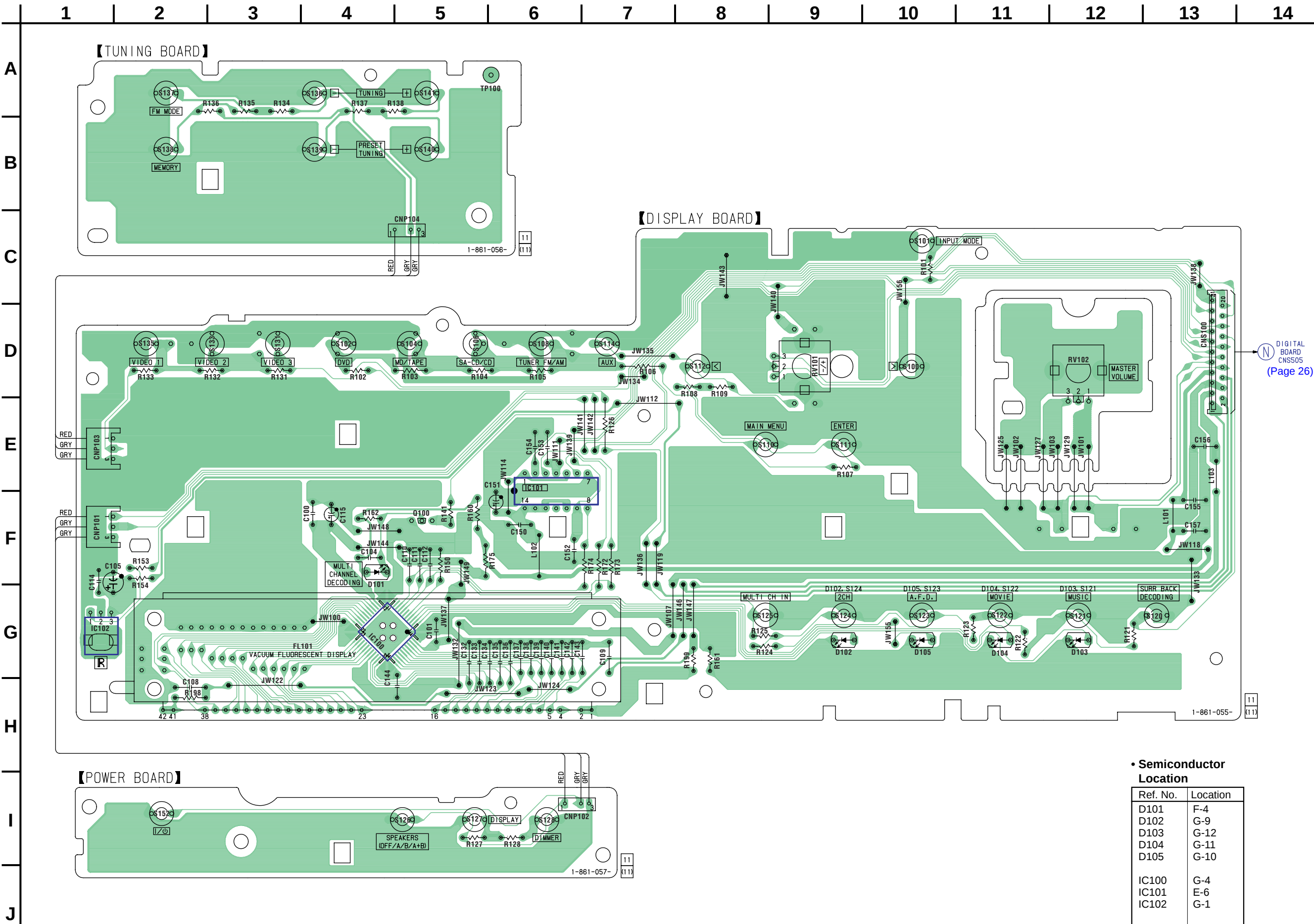
4-20. PRINTED WIRING BOARD — S-VIDEO SECTION — • Refer to page 15 for Circuit Boards Location and page 21 for Common Note on Printed Wiring Boards.



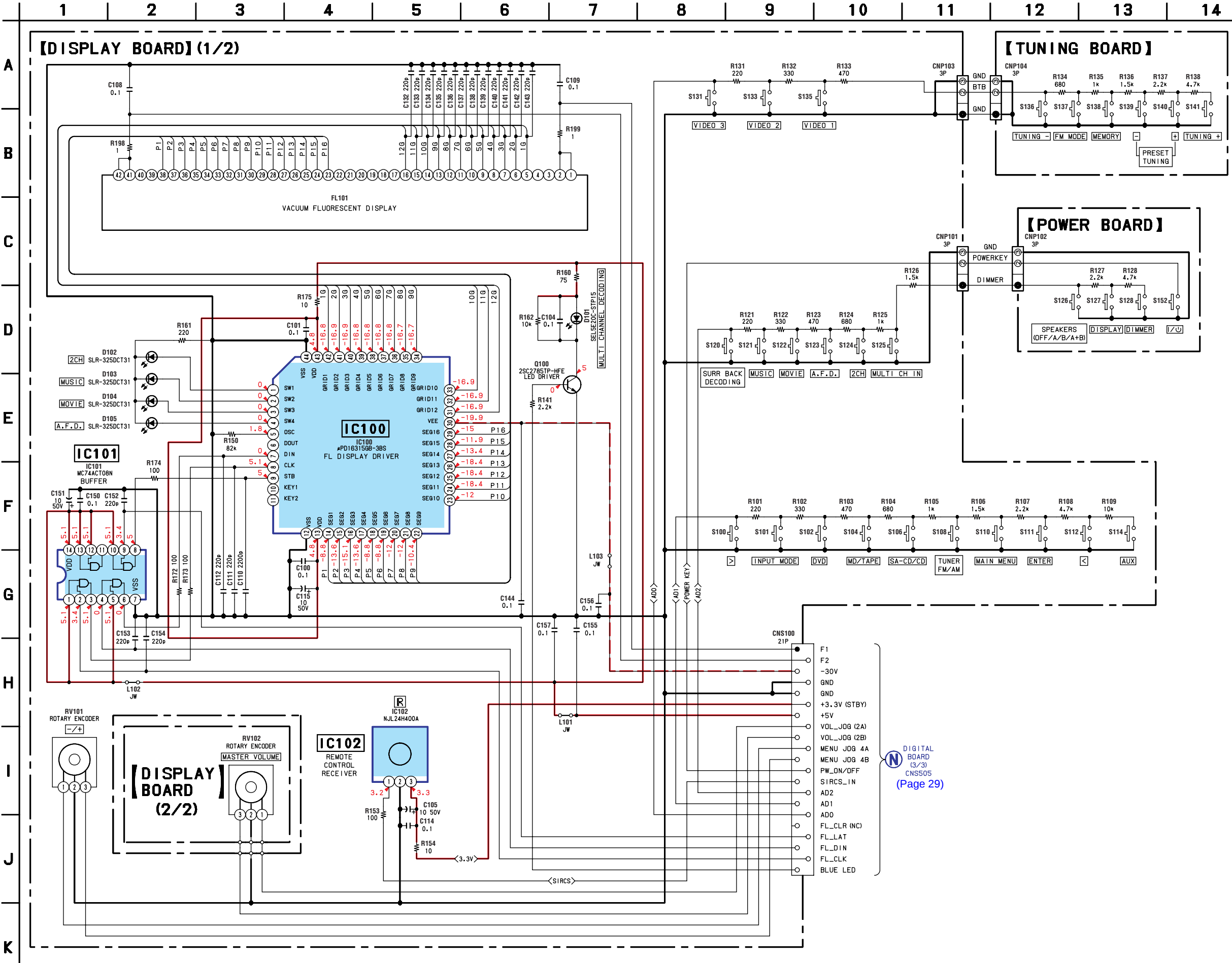
4-21. SCHEMATIC DIAGRAM — S-VIDEO SECTION — • Refer to page 21 for Common Note on Schematic Diagram and page 41 for IC Block Diagrams.



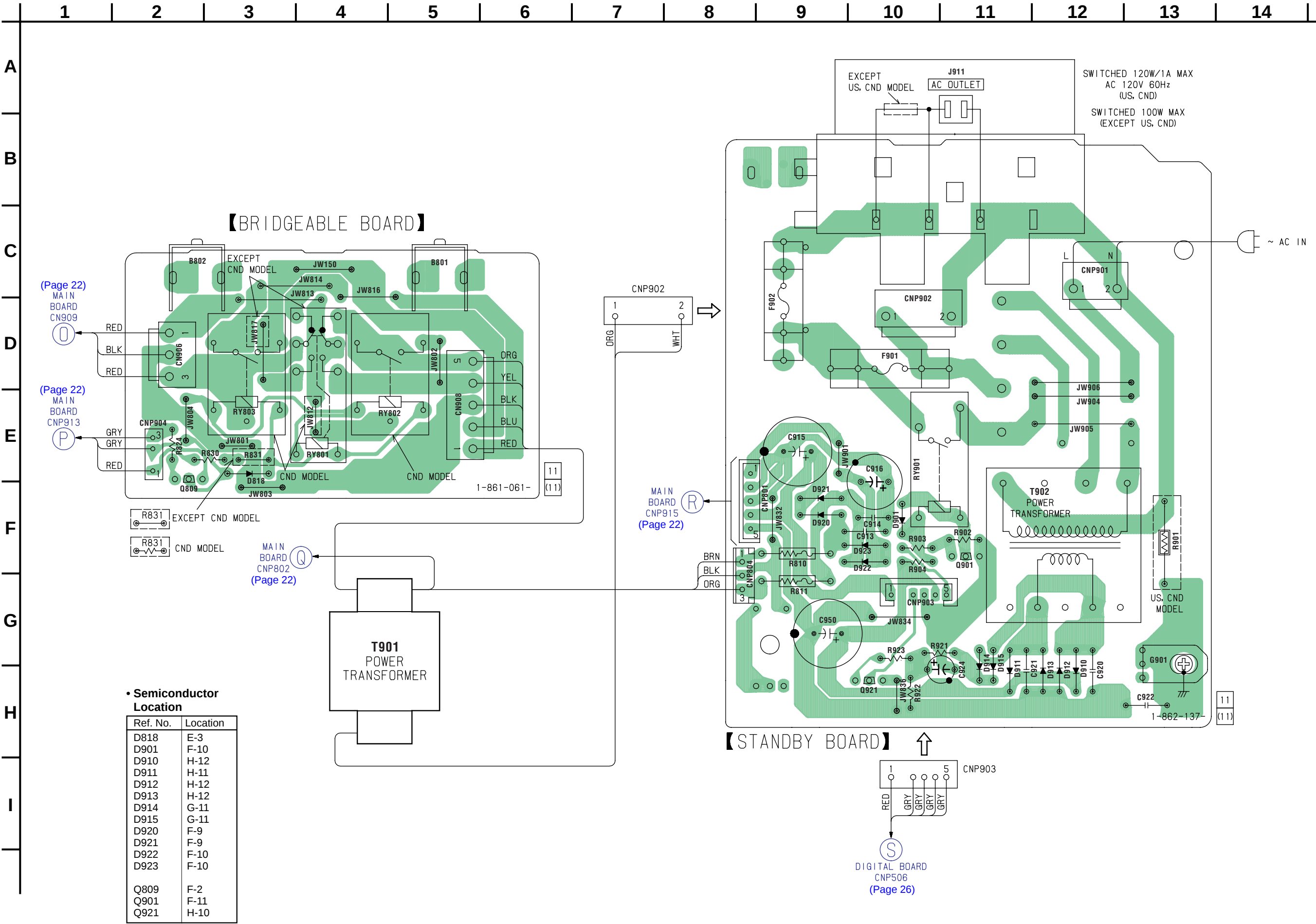
4-22. PRINTED WIRING BOARDS — DISPLAY SECTION — • Refer to page 15 for Circuit Boards Location and page 21 for Common Note on Printed Wiring Boards.



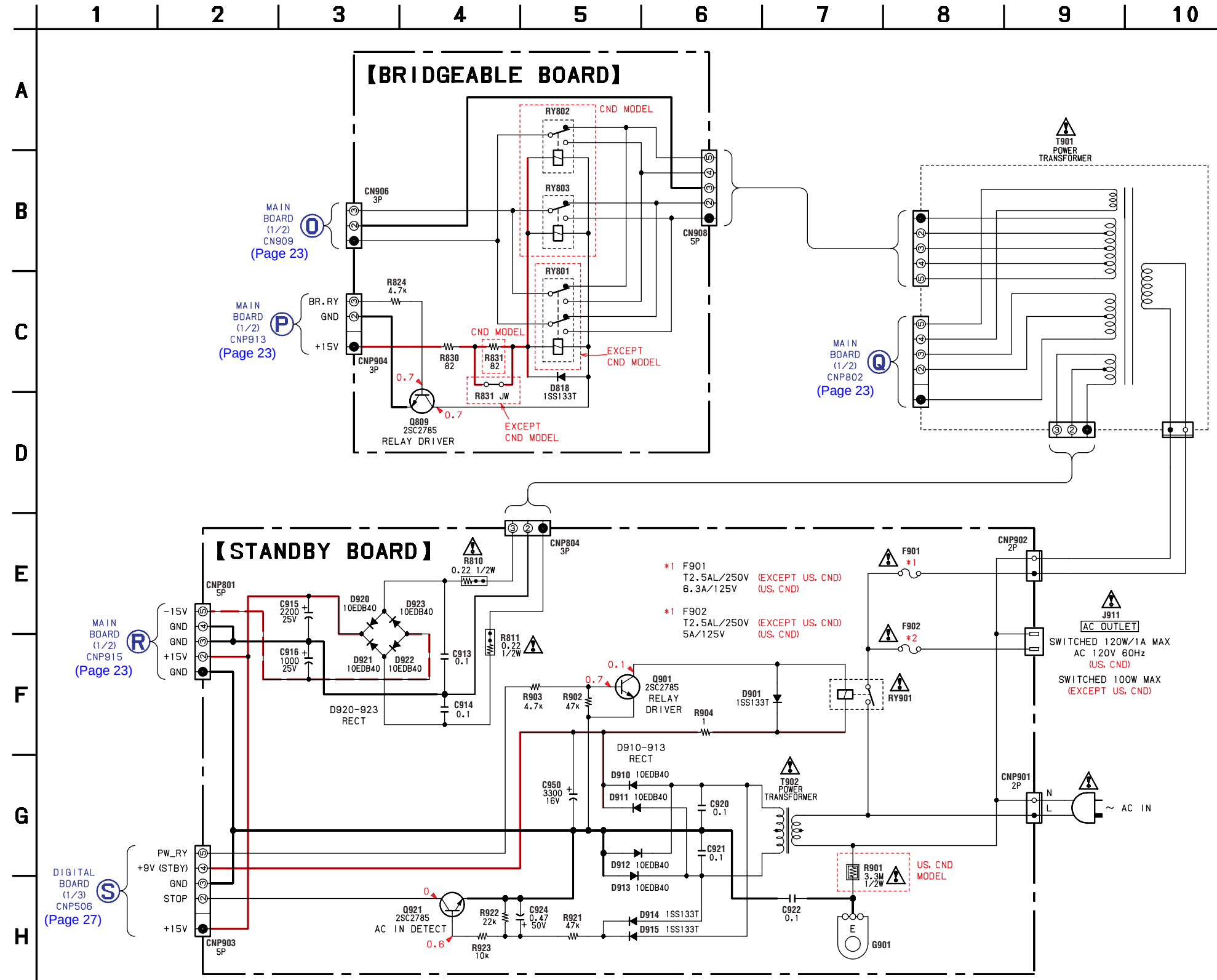
4-23. SCHEMATIC DIAGRAM — DISPLAY SECTION — • Refer to page 21 for Common Note on Schematic Diagram.



4-24. PRINTED WIRING BOARDS — POWER SECTION — • Refer to page 15 for Circuit Boards Location and page 21 for Common Note on Printed Wiring Boards.



4-25. SCHEMATIC DIAGRAM — POWER SECTION — • Refer to page 21 for Common Note on Schematic Diagram.

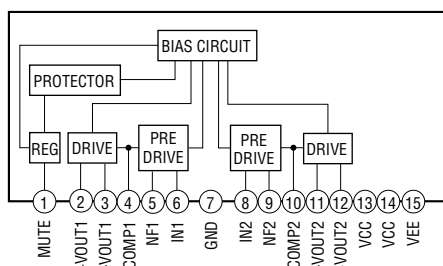


The components identified by mark  or dotted line with mark  are critical for safety.
Replace only with part number specified.

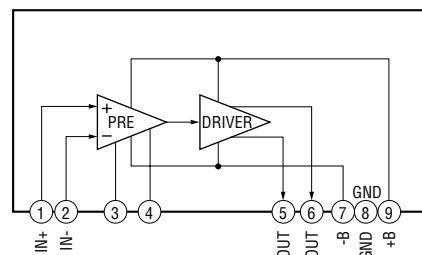
Les composants identifiés par une marque  sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

4-26. IC BLOCK DIAGRAMS

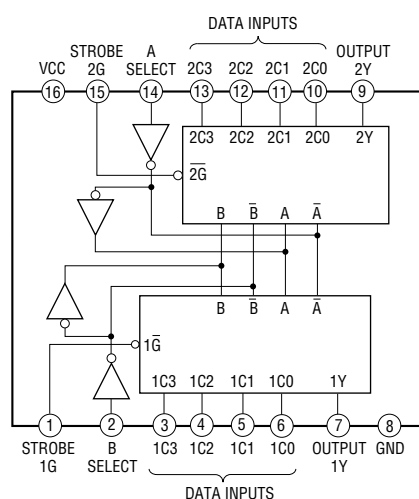
IC601 μ PC2581V-S (MAIN BOARD (2/2))
 IC701 μ PC2581V-S (MAIN BOARD (2/2))
 IC700 μ PC2581V-S (SURR BACK BOARD)



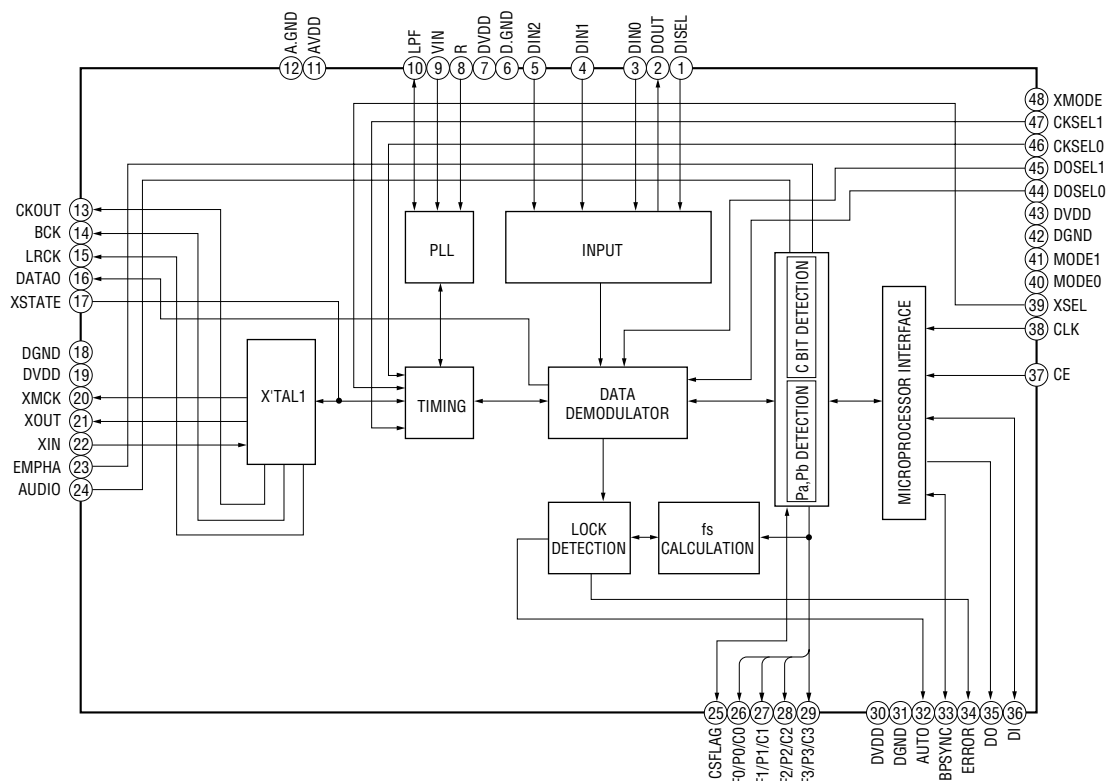
IC501 STK350-230 (MAIN BOARD (2/2))



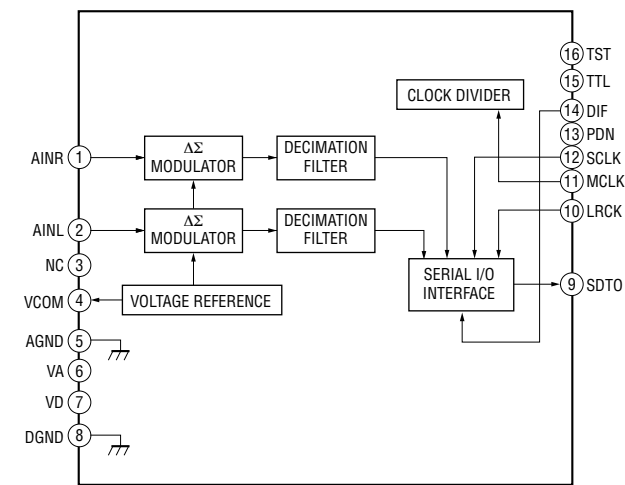
IC1302 TC74ACT153F(EL) (DIGITAL BOARD (1/3))



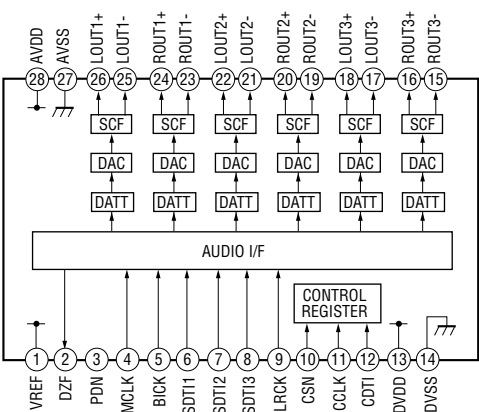
IC1301 LC89056W-E (DIGITAL BOARD (1/3))



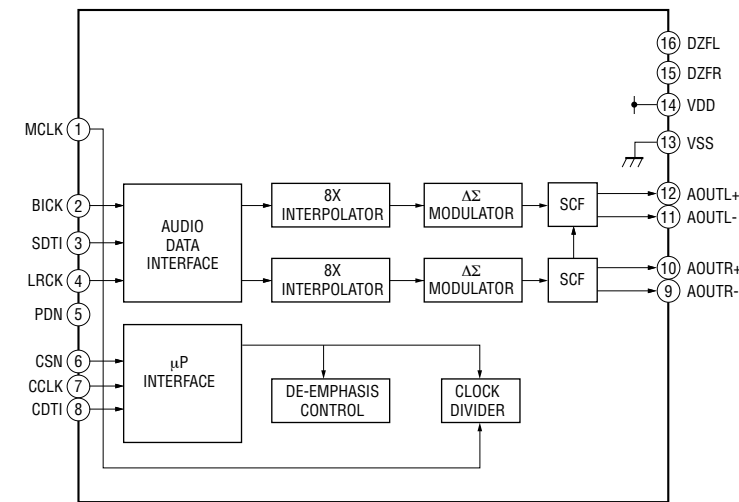
IC1401 AK5380VT-E2 (DIGITAL BOARD (2/3))



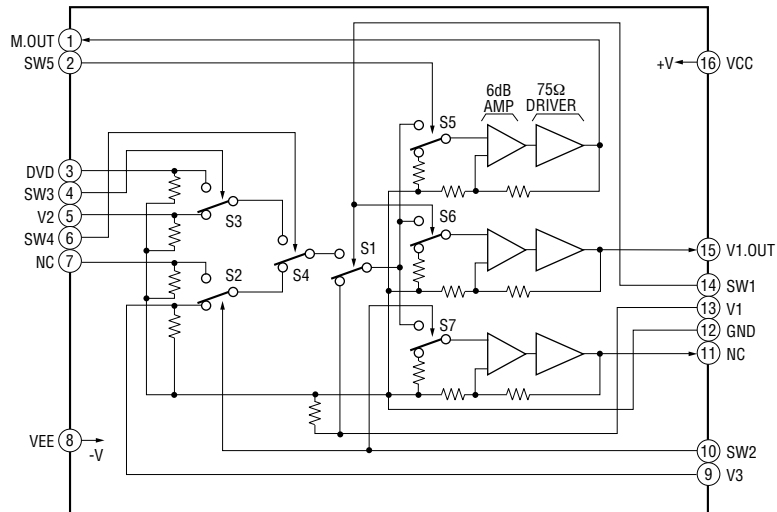
IC1452 AK4355VF-E2 (DIGITAL BOARD (2/3))



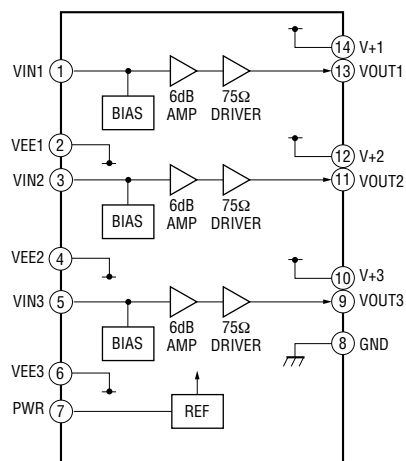
IC1451 AK4381VT-E2 (DIGITAL BOARD (3/3))



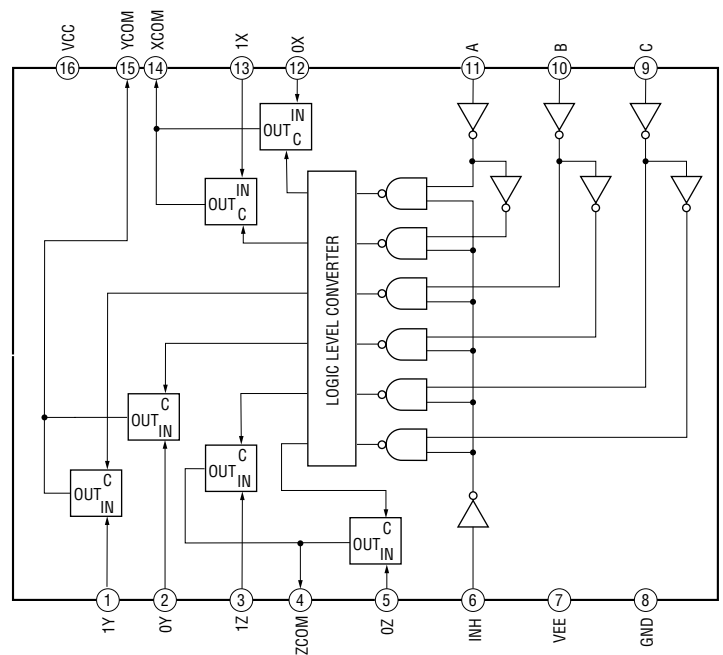
IC203 NJM2595D (VIDEO BOARD)
 IC251 NJM2595D (S-VIDEO BOARD)
 IC252 NJM2595D (S-VIDEO BOARD)



IC302 NJM2581D (VIDEO BOARD)



IC301 TC74HC4053AP (VIDEO BOARD)



SECTION 5

EXPLODED VIEWS

NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Abbreviation
CND : Canadian model
AUS : Australian model
SP : Singapore model
MY : Malaysia model

- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
Example :

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

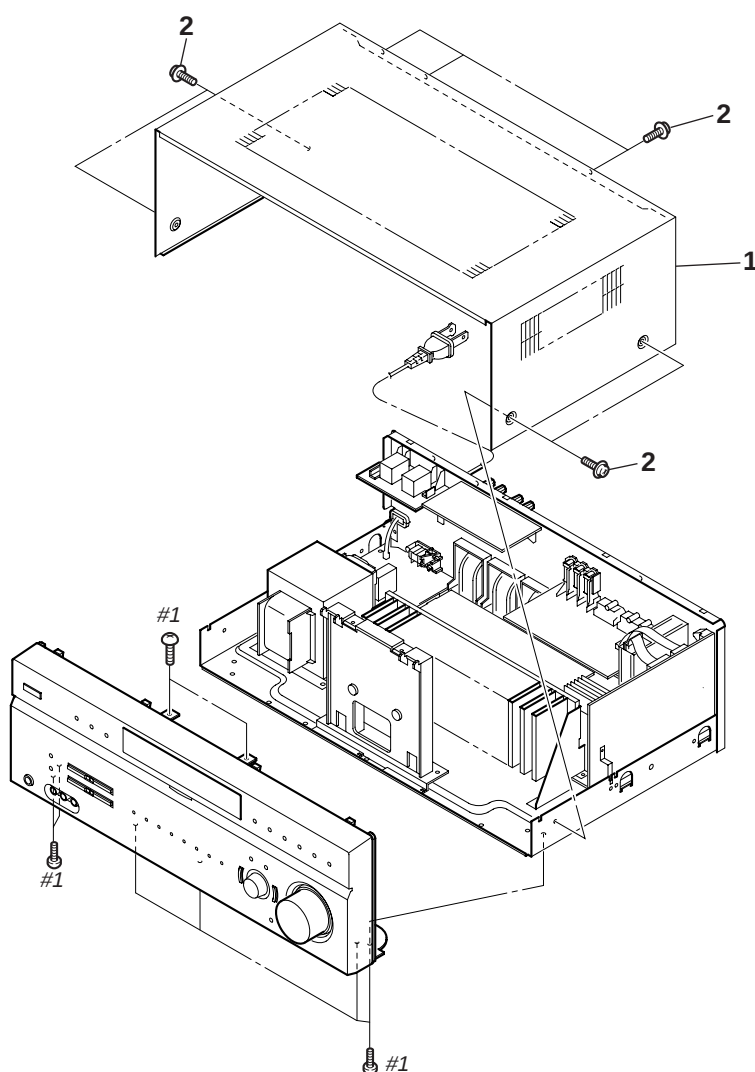
↑
Parts Color

↑
Cabinet's Color
- Accessories are given in the last of this parts list.

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

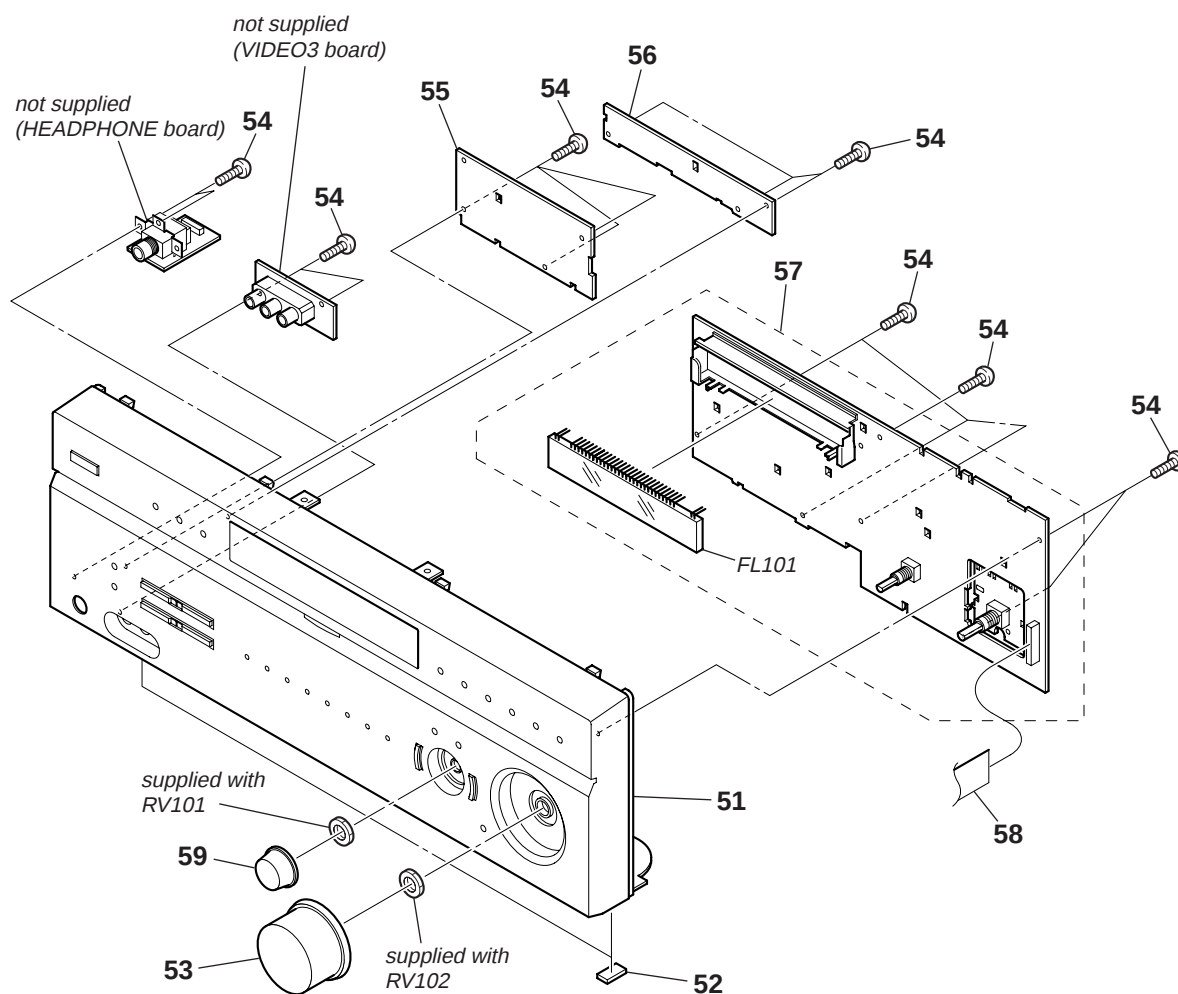
Les composants identifiés par une
marque  sont critiques pour
la sécurité.
Ne les remplacer que par une pièce
portant le numéro spécifié.

5-1. CASE SECTION



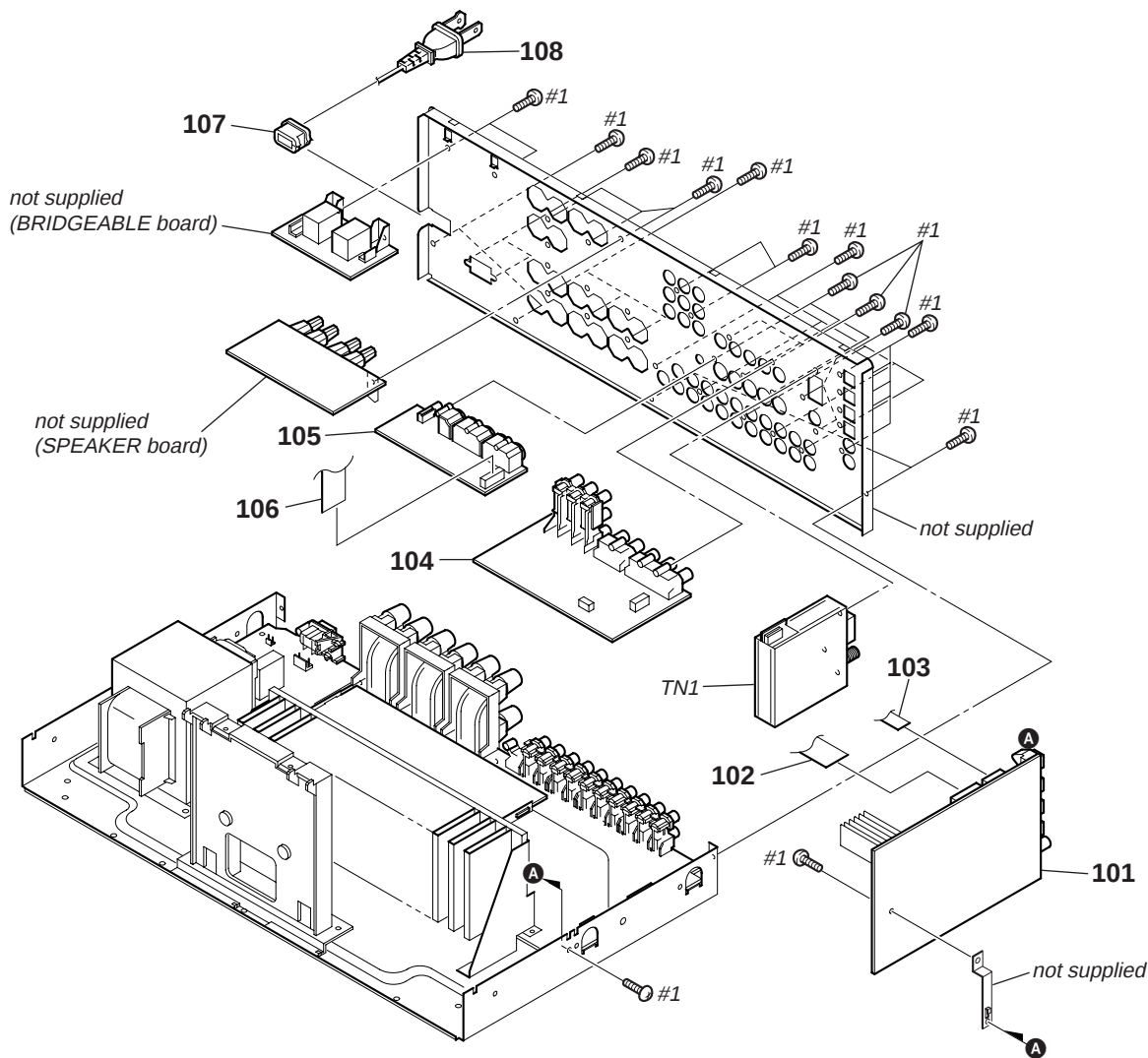
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	4-232-418-02	CASE (BLACK)...(BLACK)		2	4-210-291-01	SCREW (CASE 3 TP2) (BLACK)...(BLACK)	
1	4-232-418-22	CASE (SILVER)...(SILVER)		2	4-210-291-11	SCREW (CASE 3 TP2)	
1	4-232-418-43	CASE (GOLD)...(GOLD)				(SILVER)...(SILVER,GOLD)	
				#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

5-2. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	X-4956-182-1	FRONT PANEL ASSY (BLACK)...(BLACK) (US)		54	4-951-620-01	SCREW (2.6X8), +BVTP	
51	X-4956-184-1	FRONT PANEL ASSY (BLACK)...(BLACK) (CND,AUS,SP,MY)		55	1-861-056-11	TUNING BOARD	
51	X-4956-427-1	FRONT PANEL ASSY (BLACK)...(BLACK) (AEP,UK)		56	1-861-057-11	POWER BOARD	
51	X-4956-428-1	FRONT PANEL ASSY (SILVER)...(SILVER) (AEP,UK)		57	A-4750-808-A	DISPLAY BOARD, COMPLETE	
51	X-4956-433-1	FRONT PANEL ASSY (GOLD)...(GOLD)		58	1-773-150-11	WIRE (FLAT TYPE) (21 CORE)	
51	X-4956-439-1	FRONT PANEL ASSY (SILVER)...(SILVER) (AUS)		59	4-252-389-01	KNOB (MENU) (BLACK)...(BLACK)	
52	4-977-358-01	CUSHION		59	4-252-389-11	KNOB (MENU) (SILVER)...(SILVER)	
53	4-232-113-01	KNOB (VOL) (BLACK)...(BLACK)		59	4-252-389-21	KNOB (MENU) (GOLD)...(GOLD)	
53	4-232-113-12	KNOB (VOL) (SILVER)...(SILVER)		FL101	1-518-966-11	VACUUM FLUORESCENT DISPLAY	
53	4-232-113-22	KNOB (VOL) (GOLD)...(GOLD)					

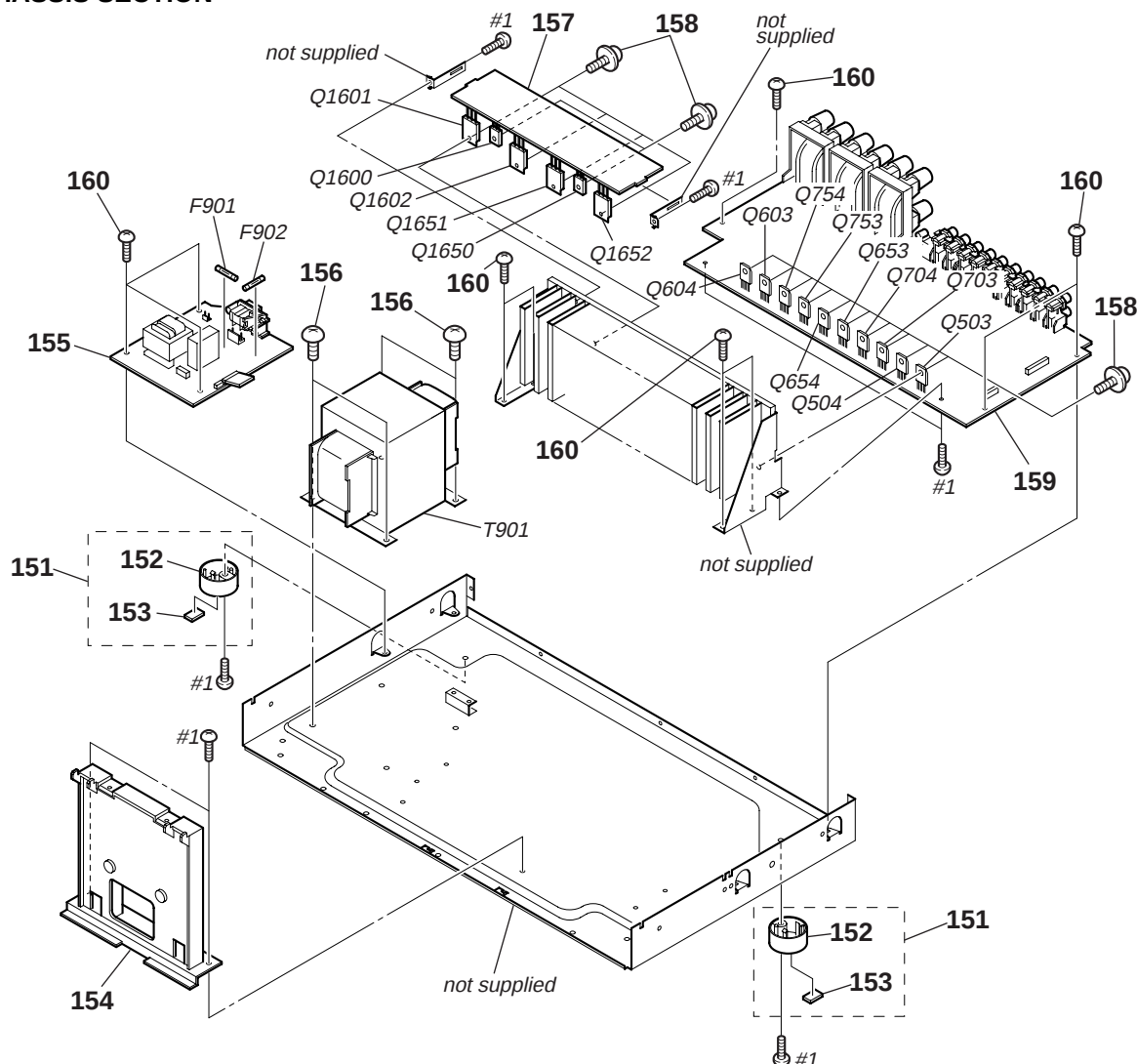
5-3. BACK PANEL SECTION



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.
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Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	A-4752-722-A	DIGITAL BOARD, COMPLETE (US,CND)		105	1-862-139-11	S-VIDEO BOARD	
101	A-4752-779-A	DIGITAL BOARD, COMPLETE (AEP,UK)		106	1-769-905-11	WIRE (FLAT TYPE) (9 CORE)	
101	A-4752-786-A	DIGITAL BOARD, COMPLETE (SP,MY)		* 107	3-703-244-00	BUSHING (2104), CORD	
101	A-4753-233-A	DIGITAL BOARD, COMPLETE (AUS)		$\triangle$ 108	1-696-847-22	CORD, POWER (AUS)	
102	1-769-937-11	WIRE (FLAT TYPE) (11 CORE) (EXCEPT AEP,UK)		$\triangle$ 108	1-777-071-23	CORD, POWER (AEP,UK,SP,MY)	
102	1-773-001-11	WIRE (FLAT TYPE) (15 CORE) (AEP,UK)		$\triangle$ 108	1-783-820-11	CORD, POWER (US,CND)	
103	1-769-879-11	WIRE (FLAT TYPE) (7 CORE)		TN1	1-693-577-21	TUNER PACK (ANTENNA) (US,CND)	
104	A-4752-720-A	VIDEO BOARD, COMPLETE (US,CND)		TN1	1-693-578-13	TUNER PACK (ANTENNA) (AEP,UK)	
104	A-4752-778-A	VIDEO BOARD, COMPLETE (AEP,UK)		TN1	1-693-580-24	TUNER PACK (ANTENNA) (AUS,SP,MY)	
104	A-4752-785-A	VIDEO BOARD, COMPLETE (AUS,SP,MY)		#1	7-685-646-79	SCREW +BVP 3X8 TYPE2 IT-3	

5-4. CHASSIS SECTION



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.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
151	X-4953-448-1	FOOT ASSY		Q503	8-749-010-25	TRANSISTOR MN2488-OPY-M	
152	4-232-237-01	FOOT (DIA.30)		Q504	8-749-010-26	TRANSISTOR MP1620-OPY-M	
153	4-977-358-01	CUSHION		Q603	8-749-010-25	TRANSISTOR MN2488-OPY-M	
154	4-233-263-01	SUB MOLD (DE9)		Q604	8-749-010-26	TRANSISTOR MP1620-OPY-M	
155	A-4752-717-A	STANDBY BOARD, COMPLETE (US,CND)		Q653	8-749-010-25	TRANSISTOR MN2488-OPY-M	
155	A-4752-775-A	STANDBY BOARD, COMPLETE (AEP,UK,SP,MY)		Q654	8-749-010-26	TRANSISTOR MP1620-OPY-M	
155	A-4752-798-A	STANDBY BOARD, COMPLETE (AUS)		Q703	8-749-010-25	TRANSISTOR MN2488-OPY-M	
156	4-249-675-01	+BV SUMITITE S 4X6 ROUND		Q704	8-749-010-26	TRANSISTOR MP1620-OPY-M	
157	A-4752-721-A	SURR BACK BOARD, COMPLETE		Q753	8-749-010-25	TRANSISTOR MN2488-OPY-M	
158	3-905-609-01	SCREW (TRANSISTOR)		Q754	8-749-010-26	TRANSISTOR MP1620-OPY-M	
159	A-4752-716-A	MAIN BOARD, COMPLETE (US,CND)		Q1600	8-729-026-08	TRANSISTOR 2SC4495	
159	A-4752-774-A	MAIN BOARD, COMPLETE (AEP,UK)		Q1601	8-749-010-25	TRANSISTOR MN2488-OPY-M	
159	A-4752-782-A	MAIN BOARD, COMPLETE (SP,MY)		Q1602	8-749-010-26	TRANSISTOR MP1620-OPY-M	
159	A-4752-797-A	MAIN BOARD, COMPLETE (AUS)		Q1650	8-729-026-08	TRANSISTOR 2SC4495	
160	3-970-608-01	SUMITITE (B3), +BV		Q1651	8-749-010-25	TRANSISTOR MN2488-OPY-M	
Δ F901	1-533-454-12	FUSE, GLASS TUBE (DIA.5) (6.3A/125V) (US,CND)		Q1652	8-749-010-26	TRANSISTOR MP1620-OPY-M	
Δ F901	1-532-464-32	FUSE (T2.5AL/250V) (EXCEPT US,CND)		Δ T901	1-439-550-11	TRANSFORMER, POWER (EXCEPT US,CND)	
Δ F902	1-533-453-12	FUSE, GLASS TUBE (DIA.5) (5A/125V) (US,CND)		Δ T901	1-439-611-11	TRANSFORMER, POWER (US,CND)	
Δ F902	1-532-464-32	FUSE (T2.5AL/250V) (EXCEPT US,CND)		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

BRIDGEABLE

DIGITAL

SECTION 6
ELECTRICAL PARTS LIST

NOTE:

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

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.

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

Ref. No.	Part No.	Description	Remark			
		BRIDGEABLE BOARD	*****			
		< CONNECTOR >				
* CN906	1-564-104-00	PIN, CONNECTOR (3.96mm PITCH) 3P				
* CN908	1-564-242-00	PIN, CONNECTOR (3.96mm PITCH) 5P				
		< DIODE >				
D818	8-719-991-33	DIODE 1SS133T-77				
		< TRANSISTOR >				
Q809	8-729-119-79	TRANSISTOR 2SC2785-FEK				
		< RESISTOR >				
R824	1-247-847-11	CARBON	4.7K	5%	1/4W	
R830	1-249-404-00	CARBON	82	5%	1/4W	
R831	1-249-404-00	CARBON	82	5%	1/4W	
			(CND)			
		< RELAY >				
RY801	1-755-013-11	RELAY (EXCEPT CND)				
RY802	1-755-494-11	RELAY (CND)				
RY803	1-755-494-11	RELAY (CND)				

A-4752-722-A		DIGITAL BOARD, COMPLETE (US,CND)				
A-4752-779-A		DIGITAL BOARD, COMPLETE (AEP,UK)				
A-4752-786-A		DIGITAL BOARD, COMPLETE (SP,MY)				
A-4753-233-A		DIGITAL BOARD, COMPLETE (AUS)				

7-685-646-79		SCREW +BVTP 3X8 TYPE2 IT-3				
		< CAPACITOR >				
C1001	1-126-925-11	ELECT	470uF	20%	10V	
C1002	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
C1003	1-162-953-11	CERAMIC CHIP	100PF	5%	50V	
			(US,CND)			
C1003	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	
			(EXCEPT US,CND)			
C1021	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
C1022	1-126-925-11	ELECT	470uF	20%	10V	
C1031	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
C1032	1-126-925-11	ELECT	470uF	20%	10V	
C1045	1-162-905-11	CERAMIC CHIP	1PF	0.25PF	50V	
C1046	1-164-156-11	CERAMIC CHIP	0.1uF		25V	

Ref. No.	Part No.	Description	Remark			
C1047	1-126-395-11	ELECT CHIP 22uF 20% 16V				
C1063	1-164-156-11	CERAMIC CHIP 0.1uF 25V	(AEP,UK)			
C1064	1-126-204-11	ELECT CHIP 47uF 20% 16V	(AEP,UK)			
C1100	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1102	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1103	1-126-204-11	ELECT CHIP 47uF 20% 16V				
C1107	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1108	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1118	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1119	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1120	1-162-974-11	CERAMIC CHIP 0.01uF 50V				
C1121	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1122	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1123	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1124	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1125	1-162-923-11	CERAMIC CHIP 47PF 5% 50V				
C1126	1-162-960-11	CERAMIC CHIP 220PF 10% 50V				
C1127	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1128	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1129	1-162-974-11	CERAMIC CHIP 0.01uF 50V				
C1130	1-162-974-11	CERAMIC CHIP 0.01uF 50V				
C1131	1-162-974-11	CERAMIC CHIP 0.01uF 50V				
C1132	1-162-974-11	CERAMIC CHIP 0.01uF 50V				
C1137	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V				
C1138	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1139	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1140	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1141	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1142	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1251	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1252	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1253	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1254	1-162-960-11	CERAMIC CHIP 220PF 10% 50V				
C1255	1-162-960-11	CERAMIC CHIP 220PF 10% 50V				
C1299	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1301	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1302	1-162-974-11	CERAMIC CHIP 0.01uF 50V				
C1303	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1304	1-162-974-11	CERAMIC CHIP 0.01uF 50V				
C1305	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1306	1-126-204-11	ELECT CHIP 47uF 20% 16V				
C1308	1-164-156-11	CERAMIC CHIP 0.1uF 25V				
C1309	1-162-918-11	CERAMIC CHIP 18PF 5% 50V				

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C1310	1-162-918-11	CERAMIC CHIP	18PF	5%	50V	C1463	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C1312	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1468	1-126-964-11	ELECT	10uF	20%	50V
C1313	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C1471	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V
C1314	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1472	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C1315	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1473	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C1316	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1478	1-126-964-11	ELECT	10uF	20%	50V
C1317	1-126-925-11	ELECT	470uF	20%	10V	C1481	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V
C1351	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1482	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C1352	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1483	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C1353	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1487	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1354	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1488	1-126-964-11	ELECT	10uF	20%	50V
C1355	1-126-395-11	ELECT CHIP	22uF	20%	16V	C1491	1-126-964-11	ELECT	10uF	20%	50V
C1356	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1494	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1357	1-162-905-11	CERAMIC CHIP	1PF	0.25PF	50V	C1495	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1358	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1496	1-124-779-00	ELECT CHIP	10uF	20%	16V
C1359	1-126-916-11	ELECT	1000uF	20%	6.3V	C1501	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1360	1-162-923-11	CERAMIC CHIP	47PF	5%	50V	C1502	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1361	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1503	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1362	1-162-974-11	CERAMIC CHIP	0.01uF		50V	C1504	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1401	1-124-261-00	ELECT	10uF	20%	50V	C1505	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1402	1-126-964-11	ELECT	10uF	20%	50V	C1506	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1403	1-126-925-11	ELECT	470uF	20%	10V	C1507	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1404	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1508	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1405	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1509	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1406	1-126-925-11	ELECT	470uF	20%	10V	C1510	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1407	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1511	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1408	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1513	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1411	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V	C1514	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1412	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	C1515	1-126-925-11	ELECT	470uF	20%	10V
C1413	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	C1516	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1416	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1517	1-126-925-11	ELECT	470uF	20%	10V
C1417	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1518	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1418	1-126-964-11	ELECT	10uF	20%	50V	C1519	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1421	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V	C1520	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1422	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	C1521	1-162-920-11	CERAMIC CHIP	27PF	5%	50V
C1423	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	C1522	1-162-920-11	CERAMIC CHIP	27PF	5%	50V
C1428	1-126-964-11	ELECT	10uF	20%	50V	C1525	1-126-925-11	ELECT	470uF	20%	10V
C1431	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V	C1547	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1432	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	C1557	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1433	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	C1566	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1438	1-126-964-11	ELECT	10uF	20%	50V	C1567	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1441	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V	C1568	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1442	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	C1569	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1443	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	C1604	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1448	1-126-964-11	ELECT	10uF	20%	50V	C1605	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1450	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1620	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1451	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V	C1905	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1452	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	C1906	1-126-925-11	ELECT	470uF	20%	10V
C1453	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	C1908	1-126-925-11	ELECT	470uF	20%	10V
C1454	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1913	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1455	1-124-779-00	ELECT CHIP	10uF	20%	16V	C1914	1-126-204-11	ELECT CHIP	47uF	20%	16V
C1456	1-164-156-11	CERAMIC CHIP	0.1uF		25V			< CONNECTOR >			
C1457	1-124-779-00	ELECT CHIP	10uF	20%	16V						
C1458	1-126-964-11	ELECT	10uF	20%	50V	CNP503	1-568-826-11	CONNECTOR, FFC 7P			
C1459	1-164-156-11	CERAMIC CHIP	0.1uF		25V	CNP506	1-779-799-11	PIN, CONNECTOR 9P			
C1460	1-124-779-00	ELECT CHIP	10uF	20%	16V	CNP507	1-784-922-11	PIN, CONNECTOR 5P			
C1461	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V	CNP510	1-784-923-11	PIN, CONNECTOR 7P			
C1462	1-162-962-11	CERAMIC CHIP	470PF	10%	50V	CNS501	1-766-720-41	CONNECTOR, BOARD TO BOARD 17P			

DIGITAL

Ref. No.	Part No.	Description	Remark
CNS502	1-766-719-41	CONNECTOR, BOARD TO BOARD 10P	
CNS505	1-568-838-11	CONNECTOR, FFC 21P	
CNS508	1-568-830-11	CONNECTOR, FFC 11P (EXCEPT AEP,UK)	
CNS508	1-784-776-11	CONNECTOR, FFC 15P (AEP,UK)	
CNS509	1-568-826-11	CONNECTOR, FFC 7P	
< DIODE >			
D1003	8-719-049-09	DIODE 1SS367-T3SONY	
D1004	8-719-049-09	DIODE 1SS367-T3SONY	
D1102	8-719-016-74	DIODE 1SS352 (US,CND)	
D1102	8-719-988-61	DIODE 1SS355TE-17 (AUS,SP,MY)	
D1103	8-719-988-61	DIODE 1SS355TE-17	
D1105	8-719-988-61	DIODE 1SS355TE-17	
D1106	8-719-988-61	DIODE 1SS355TE-17	
D1107	8-719-988-61	DIODE 1SS355TE-17	
D1108	8-719-988-61	DIODE 1SS355TE-17	
D1110	8-719-988-61	DIODE 1SS355TE-17	
D1111	8-719-988-61	DIODE 1SS355TE-17	
D1301	8-719-988-61	DIODE 1SS355TE-17	
D1302	8-719-016-74	DIODE 1SS352	
< FERRITE BEAD >			
FB1101	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1302	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1305	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1306	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1309	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1405	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1406	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1451	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1452	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1453	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1501	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1502	1-414-235-22	INDUCTOR, FERRITE BEAD	
FB1503	1-414-235-22	INDUCTOR, FERRITE BEAD	
< IC >			
IC1001	8-759-231-53	IC TA7805S	
IC1031	8-759-450-47	IC BA05T	
IC1071	6-702-771-01	IC TA78033LS (AEP,UK)	
IC1101	6-804-384-01	IC MB90478PF-G-183-BNDE1	
IC1103	8-759-242-70	IC TC7WU04F	
IC1111	6-702-913-01	IC S-80929CNMC-G8ZT2G	
IC1131	6-704-004-01	IC BR24L16F-WE2	
IC1301	8-759-825-15	IC LC89056W-E	
IC1302	8-759-595-15	IC TC74ACT153F(EL)	
IC1303	8-759-242-70	IC TC7WU04F	
IC1351	6-600-014-01	IC TORX141L (DIGITAL VIDEO 2 IN (OPTICAL))	
IC1352	6-600-014-01	IC TORX141L (DIGITAL MD/TAPE IN (OPTICAL))	
IC1353	6-600-012-11	IC TOTX141L(RED) (DIGITAL MD/TAPE OUT (OPTICAL))	
IC1354	6-600-014-01	IC TORX141L (DIGITAL SA-CD/CD IN (OPTICAL))	
IC1401	6-702-527-01	IC AK5380VT-E2	
IC1402	8-759-710-97	IC NJM4565M-D	
IC1403	8-759-710-97	IC NJM4565M-D	
IC1404	8-759-710-97	IC NJM4565M-D	

Ref. No.	Part No.	Description	Remark
IC1405	8-759-710-97	IC NJM4565M-D	
IC1406	8-759-710-97	IC NJM4565M-D	
IC1451	6-703-704-01	IC AK4381VT-E2	
IC1452	6-703-564-01	IC AK4355VF-E2	
IC1501	6-702-047-01	IC CXD9718Q	
IC1502	6-704-037-01	IC IC61LV6416-15TG	
IC1503	8-759-546-74	IC TC7WH157FU(TE12R)	
IC1504	8-759-546-74	IC TC7WH157FU(TE12R) (US,CND,AEP,UK)	
IC1901	6-701-887-02	IC SI-3004KWF	
IC1902	8-759-231-57	IC TA7810S	
IC1904	6-705-463-01	IC BA33BC0T	
< JACK >			
J1301	1-818-314-11	JACK, PIN 2P (DIGITAL DVD IN (COAXIAL), SA-CD/CD IN (COAXIAL))	
< JUMPER RESISTOR >			
JR1002	1-211-950-11	SHORT CHIP 0	
JR1007	1-211-950-11	SHORT CHIP 0	
JR1008	1-211-950-11	SHORT CHIP 0	
JR1009	1-211-950-11	SHORT CHIP 0	
JR1010	1-211-950-11	SHORT CHIP 0	
JR1020	1-216-864-11	SHORT CHIP 0	
JR1102	1-216-864-11	SHORT CHIP 0	
JR1202	1-216-864-11	SHORT CHIP 0 (EXCEPT AEP,UK)	
< FERRITE BEAD >			
JR1511	1-414-235-22	INDUCTOR, FERRITE BEAD	
< TRANSISTOR >			
Q1102	8-729-230-49	TRANSISTOR 2SC2712-YG (EXCEPT AEP,UK)	
Q1103	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q1104	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q1105	8-729-230-49	TRANSISTOR 2SC2712-YG	
< RESISTOR >			
R1035	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	
R1039	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R1041	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1042	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1044	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1049	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R1050	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R1051	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R1055	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1056	1-216-854-11	METAL CHIP 560K 5% 1/10W	
R1057	1-216-837-11	METAL CHIP 22K 5% 1/10W	
R1058	1-216-813-11	METAL CHIP 220 5% 1/10W (AEP,UK)	
R1059	1-216-813-11	METAL CHIP 220 5% 1/10W (AEP,UK)	
R1060	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R1065	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1066	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1067	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1068	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1071	1-216-827-11	METAL CHIP 3.3K 5% 1/10W	
R1072	1-216-827-11	METAL CHIP 3.3K 5% 1/10W	

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R1073	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R1149	1-216-809-11	METAL CHIP	100	5%	1/10W
R1075	1-216-809-11	METAL CHIP	100	5%	1/10W	R1150	1-216-809-11	METAL CHIP	100	5%	1/10W
R1076	1-216-809-11	METAL CHIP	100	5%	1/10W	R1151	1-216-809-11	METAL CHIP	100	5%	1/10W
R1077	1-216-809-11	METAL CHIP	100	5%	1/10W	R1152	1-216-809-11	METAL CHIP	100	5%	1/10W
R1078	1-216-809-11	METAL CHIP	100	5%	1/10W	R1153	1-216-809-11	METAL CHIP	100	5%	1/10W
R1079	1-216-833-11	METAL CHIP	10K	5%	1/10W (AEP,UK)	R1154	1-216-809-11	METAL CHIP	100	5%	1/10W
R1082	1-216-809-11	METAL CHIP	100	5%	1/10W	R1155	1-216-809-11	METAL CHIP	100	5%	1/10W
R1083	1-216-841-11	METAL CHIP	47K	5%	1/10W	R1156	1-216-809-11	METAL CHIP	100	5%	1/10W
R1085	1-216-809-11	METAL CHIP	100	5%	1/10W	R1158	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1086	1-216-809-11	METAL CHIP	100	5%	1/10W	R1159	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1088	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1160	1-216-809-11	METAL CHIP	100	5%	1/10W
R1093	1-216-833-11	METAL CHIP	10K	5%	1/10W (EXCEPT AEP,UK)	R1161	1-216-809-11	METAL CHIP	100	5%	1/10W
R1094	1-216-833-11	METAL CHIP	10K	5%	1/10W (EXCEPT AEP,UK)	R1162	1-216-809-11	METAL CHIP	100	5%	1/10W
R1095	1-216-833-11	METAL CHIP	10K	5%	1/10W (EXCEPT AEP,UK)	R1163	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1096	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1164	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1097	1-216-845-11	METAL CHIP	100K	5%	1/10W	R1167	1-216-809-11	METAL CHIP	100	5%	1/10W
R1098	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1168	1-216-809-11	METAL CHIP	100	5%	1/10W
R1099	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1169	1-216-809-11	METAL CHIP	100	5%	1/10W
R1105	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1175	1-216-809-11	METAL CHIP	100	5%	1/10W (AEP,UK)
R1106	1-216-809-11	METAL CHIP	100	5%	1/10W	R1176	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1107	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R1177	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1108	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R1178	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1109	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R1179	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1110	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R1180	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1111	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R1181	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1112	1-216-809-11	METAL CHIP	100	5%	1/10W	R1182	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1113	1-216-809-11	METAL CHIP	100	5%	1/10W	R1185	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1114	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R1186	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1115	1-216-809-11	METAL CHIP	100	5%	1/10W	R1187	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1117	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1189	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1118	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1190	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1119	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1191	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1120	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1192	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1121	1-216-809-11	METAL CHIP	100	5%	1/10W	R1193	1-216-833-11	METAL CHIP	10K	5%	1/10W (AUS)
R1122	1-216-809-11	METAL CHIP	100	5%	1/10W	R1193	1-216-841-11	METAL CHIP	47K	5%	1/10W (AEP,UK,SP,MY)
R1123	1-216-809-11	METAL CHIP	100	5%	1/10W	R1194	1-216-825-11	METAL CHIP	2.2K	5%	1/10W (AEP,UK)
R1124	1-216-809-11	METAL CHIP	100	5%	1/10W	R1194	1-216-829-11	METAL CHIP	4.7K	5%	1/10W (SP,MY)
R1127	1-216-809-11	METAL CHIP	100	5%	1/10W	R1194	1-216-841-11	METAL CHIP	47K	5%	1/10W (AUS)
R1128	1-216-809-11	METAL CHIP	100	5%	1/10W	R1194	1-216-864-11	SHORT CHIP	0 (US,CND)		
R1129	1-216-809-11	METAL CHIP	100	5%	1/10W	R1201	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1134	1-216-809-11	METAL CHIP	100	5%	1/10W	R1251	1-216-840-11	METAL CHIP	39K	5%	1/10W
R1135	1-216-809-11	METAL CHIP	100	5%	1/10W	R1252	1-216-840-11	METAL CHIP	39K	5%	1/10W
R1136	1-216-809-11	METAL CHIP	100	5%	1/10W	R1260	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1137	1-216-809-11	METAL CHIP	100	5%	1/10W	R1261	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1139	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1301	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R1140	1-216-809-11	METAL CHIP	100	5%	1/10W	R1302	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1142	1-216-809-11	METAL CHIP	100	5%	1/10W	R1303	1-216-839-11	METAL CHIP	33K	5%	1/10W
R1143	1-216-809-11	METAL CHIP	100	5%	1/10W	R1304	1-216-809-11	METAL CHIP	100	5%	1/10W
R1144	1-216-809-11	METAL CHIP	100	5%	1/10W	R1305	1-216-817-11	METAL CHIP	470	5%	1/10W
R1145	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R1306	1-216-801-11	METAL CHIP	22	5%	1/10W
R1146	1-216-830-11	METAL CHIP	5.6K	5%	1/10W (EXCEPT AEP,UK)	R1307	1-216-809-11	METAL CHIP	100	5%	1/10W
R1147	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1308	1-216-809-11	METAL CHIP	100	5%	1/10W
R1148	1-216-797-11	METAL CHIP	10	5%	1/10W (EXCEPT AEP,UK)	R1309	1-216-809-11	METAL CHIP	100	5%	1/10W

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50

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DISPLAY

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R1535	1-216-813-11	METAL CHIP	220	5%	1/10W	C140	1-128-813-11	CERAMIC	220PF	5%	50V
R1536	1-216-813-11	METAL CHIP	220	5%	1/10W	C141	1-128-813-11	CERAMIC	220PF	5%	50V
R1537	1-216-813-11	METAL CHIP	220	5%	1/10W	C142	1-128-813-11	CERAMIC	220PF	5%	50V
R1538	1-216-813-11	METAL CHIP	220	5%	1/10W	C143	1-128-813-11	CERAMIC	220PF	5%	50V
R1539	1-216-813-11	METAL CHIP	220	5%	1/10W	C144	1-164-159-11	CERAMIC	0.1uF		50V
R1540	1-216-813-11	METAL CHIP	220	5%	1/10W	C150	1-164-159-11	CERAMIC	0.1uF		50V
R1541	1-216-813-11	METAL CHIP	220	5%	1/10W	C151	1-126-795-11	ELECT	10uF	20%	50V
R1542	1-216-813-11	METAL CHIP	220	5%	1/10W	C152	1-128-813-11	CERAMIC	220PF	5%	50V
R1543	1-216-813-11	METAL CHIP	220	5%	1/10W	C153	1-128-813-11	CERAMIC	220PF	5%	50V
R1544	1-216-813-11	METAL CHIP	220	5%	1/10W	C154	1-128-813-11	CERAMIC	220PF	5%	50V
R1545	1-216-813-11	METAL CHIP	220	5%	1/10W	C155	1-164-159-11	CERAMIC	0.1uF		50V
R1546	1-216-813-11	METAL CHIP	220	5%	1/10W	C156	1-164-159-11	CERAMIC	0.1uF		50V
R1547	1-216-813-11	METAL CHIP	220	5%	1/10W	C157	1-164-159-11	CERAMIC	0.1uF		50V
R1548	1-216-813-11	METAL CHIP	220	5%	1/10W	< CONNECTOR >					
R1549	1-216-813-11	METAL CHIP	220	5%	1/10W	* CNP101	1-564-518-11	PLUG, CONNECTOR	3P		
R1550	1-216-813-11	METAL CHIP	220	5%	1/10W	* CNP103	1-564-518-11	PLUG, CONNECTOR	3P		
R1551	1-216-813-11	METAL CHIP	220	5%	1/10W	CNS100	1-568-838-11	CONNECTOR, FFC	21P		
R1552	1-216-813-11	METAL CHIP	220	5%	1/10W	< DIODE >					
R1553	1-216-813-11	METAL CHIP	220	5%	1/10W	D101	6-500-647-01	LED SEL5E20C-STP15			
R1554	1-216-813-11	METAL CHIP	220	5%	1/10W	(MULTI CHANNEL DECODING)					
R1555	1-216-813-11	METAL CHIP	220	5%	1/10W	D102	8-719-061-96	LED SLR-325DCT31 (2CH)			
R1556	1-216-809-11	METAL CHIP	100	5%	1/10W	D103	8-719-061-96	LED SLR-325DCT31 (MUSIC)			
R1570	1-216-833-11	METAL CHIP	10K	5%	1/10W	D104	8-719-061-96	LED SLR-325DCT31 (MOVIE)			
R1571	1-216-833-11	METAL CHIP	10K	5%	1/10W	D105	8-719-061-96	LED SLR-325DCT31 (A.F.D.)			
R1572	1-216-833-11	METAL CHIP	10K	5%	1/10W	< VACUUM FLUORESCENT DISPLAY >					
R1573	1-216-833-11	METAL CHIP	10K	5%	1/10W	FL101	1-518-966-11	VACUUM FLUORESCENT DISPLAY			
R1574	1-216-833-11	METAL CHIP	10K	5%	1/10W	< IC >					
R1635	1-216-833-11	METAL CHIP	10K	5%	1/10W	IC100	8-759-643-83	IC uPD16315GB-3BS			
R1636	1-216-833-11	METAL CHIP	10K	5%	1/10W	IC101	8-759-036-90	IC MC74ACT08N			
< VIBRATOR >						IC102	6-600-349-31	IC NJL24H400A (IR)			
X1101	1-767-922-11	VIBRATOR, CERAMIC (16MHz)				< TRANSISTOR >					
X1301	1-795-126-21	VIBRATOR, CRYSTAL (12.288MHz)				Q100	8-729-119-78	TRANSISTOR 2SC2785-HFE			
X1502	1-579-993-21	VIBRATOR, CERAMIC (13.5MHz)				< RESISTOR >					
*****						R101	1-249-409-11	CARBON	220	5%	1/4W
A-4750-808-A DISPLAY BOARD, COMPLETE						R102	1-249-411-11	CARBON	330	5%	1/4W
*****						R103	1-249-413-11	CARBON	470	5%	1/4W
< CAPACITOR >						R104	1-249-415-11	CARBON	680	5%	1/4W
C100	1-164-159-11	CERAMIC	0.1uF		50V	R105	1-247-831-11	CARBON	1K	5%	1/4W
C101	1-164-159-11	CERAMIC	0.1uF		50V	R106	1-249-419-11	CARBON	1.5K	5%	1/4W
C104	1-164-159-11	CERAMIC	0.1uF		50V	R107	1-249-421-11	CARBON	2.2K	5%	1/4W
C105	1-126-795-11	ELECT	10uF	20%	50V	R108	1-247-847-11	CARBON	4.7K	5%	1/4W
C108	1-164-159-11	CERAMIC	0.1uF		50V	R109	1-249-429-11	CARBON	10K	5%	1/4W
C109	1-164-159-11	CERAMIC	0.1uF		50V	R121	1-249-409-11	CARBON	220	5%	1/4W
C110	1-128-825-11	CERAMIC	0.0022uF	5%	50V	R122	1-249-411-11	CARBON	330	5%	1/4W
C111	1-128-813-11	CERAMIC	220PF	5%	50V	R123	1-249-413-11	CARBON	470	5%	1/4W
C112	1-128-813-11	CERAMIC	220PF	5%	50V	R124	1-249-415-11	CARBON	680	5%	1/4W
C114	1-164-159-11	CERAMIC	0.1uF		50V	R125	1-247-831-11	CARBON	1K	5%	1/4W
C115	1-126-795-11	ELECT	10uF	20%	50V	R126	1-249-419-11	CARBON	1.5K	5%	1/4W
C132	1-128-813-11	CERAMIC	220PF	5%	50V	R131	1-249-409-11	CARBON	220	5%	1/4W
C133	1-128-813-11	CERAMIC	220PF	5%	50V	R132	1-249-411-11	CARBON	330	5%	1/4W
C134	1-128-813-11	CERAMIC	220PF	5%	50V	R133	1-249-413-11	CARBON	470	5%	1/4W
C135	1-128-813-11	CERAMIC	220PF	5%	50V	R141	1-249-421-11	CARBON	2.2K	5%	1/4W
C136	1-128-813-11	CERAMIC	220PF	5%	50V						
C137	1-128-813-11	CERAMIC	220PF	5%	50V						
C138	1-128-813-11	CERAMIC	220PF	5%	50V						
C139	1-128-813-11	CERAMIC	220PF	5%	50V						

DISPLAY

HEADPHONE

MAIN

Ref. No.	Part No.	Description			Remark
R150	1-249-440-11	CARBON	82K	5%	1/4W
R153	1-247-807-31	CARBON	100	5%	1/4W
R154	1-249-393-11	CARBON	10	5%	1/4W
R160	1-247-804-11	CARBON	75	5%	1/4W
R161	1-249-409-11	CARBON	220	5%	1/4W
R162	1-249-429-11	CARBON	10K	5%	1/4W
R172	1-247-807-31	CARBON	100	5%	1/4W
R173	1-247-807-31	CARBON	100	5%	1/4W
R174	1-247-807-31	CARBON	100	5%	1/4W
R175	1-249-393-11	CARBON	10	5%	1/4W
R198	1-249-381-11	CARBON	1	5%	1/4W
R199	1-249-381-11	CARBON	1	5%	1/4W
< ROTARY ENCODER >					
RV101	1-418-817-11	ENCODER, ROTARY (-/+)			
RV102	1-418-725-41	ENCODER, ROTARY (12 TYPE)			
(MASTER VOLUME)					
< SWITCH >					
S100	1-771-410-21	SWITCH, TACTILE (>)			
S101	1-771-410-21	SWITCH, TACTILE (INPUT MODE)			
S102	1-771-410-21	SWITCH, TACTILE (DVD)			
S104	1-771-410-21	SWITCH, TACTILE (MD/TAPE)			
S106	1-771-410-21	SWITCH, TACTILE (SA-CD/CD)			
S108	1-771-410-21	SWITCH, TACTILE (TUNER FM/AM)			
S110	1-771-410-21	SWITCH, TACTILE (MAIN MENU)			
S111	1-771-410-21	SWITCH, TACTILE (ENTER)			
S112	1-771-410-21	SWITCH, TACTILE (<)			
S114	1-771-410-21	SWITCH, TACTILE (AUX)			
S120	1-771-410-21	SWITCH, TACTILE (SURR BACK DECODING)			
S121	1-771-410-21	SWITCH, TACTILE (MUSIC)			
S122	1-771-410-21	SWITCH, TACTILE (MOVIE)			
S123	1-771-410-21	SWITCH, TACTILE (A.F.D.)			
S124	1-771-410-21	SWITCH, TACTILE (2CH)			
S125	1-771-410-21	SWITCH, TACTILE (MULTI CH IN)			
S131	1-771-410-21	SWITCH, TACTILE (VIDEO 3)			
S133	1-771-410-21	SWITCH, TACTILE (VIDEO 2)			
S135	1-771-410-21	SWITCH, TACTILE (VIDEO 1)			

HEADPHONE BOARD					

< CAPACITOR >					
C790	1-164-159-11	CERAMIC	0.1uF		50V
< CONNECTOR >					
CNP791	1-691-766-11	PLUG (MICRO CONNECTOR) 4P			
< JACK >					
J791	1-815-313-21	JACK (PHONES) (GOLD)...(GOLD)			
J791	1-815-314-21	JACK (PHONES) (SILVER)...(BLACK,SILVER)			

Ref. No.	Part No.	Description	Remark		
	A-4752-716-A	MAIN BOARD, COMPLETE (US,CND)			
	A-4752-774-A	MAIN BOARD, COMPLETE (AEP,UK)			
	A-4752-782-A	MAIN BOARD, COMPLETE (SP,MY)			
	A-4752-797-A	MAIN BOARD, COMPLETE (AUS)			

	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
		< CAPACITOR >			
C300	1-161-494-00	CERAMIC	0.022uF		25V
C310	1-161-494-00	CERAMIC	0.022uF		25V
C320	1-161-494-00	CERAMIC	0.022uF		25V
C330	1-161-494-00	CERAMIC	0.022uF		25V
C340	1-161-494-00	CERAMIC	0.022uF		25V
C350	1-161-494-00	CERAMIC	0.022uF		25V
C360	1-161-494-00	CERAMIC	0.022uF		25V
C370	1-161-494-00	CERAMIC	0.022uF		25V
C400	1-128-825-11	CERAMIC	0.0022uF	5%	50V
C403	1-128-825-11	CERAMIC	0.0022uF	5%	50V
C408	1-126-963-11	ELECT	4.7uF	20%	50V
C409	1-126-963-11	ELECT	4.7uF	20%	50V
C444	1-128-825-11	CERAMIC	0.0022uF	5%	50V
C445	1-128-825-11	CERAMIC	0.0022uF	5%	50V
C453	1-128-813-11	CERAMIC	220PF	5%	50V
C458	1-126-963-11	ELECT	4.7uF	20%	50V
C459	1-126-963-11	ELECT	4.7uF	20%	50V
C463	1-128-813-11	CERAMIC	220PF	5%	50V
C464	1-164-159-11	CERAMIC	0.1uF		50V
C466	1-126-923-11	ELECT	220uF	20%	10V
C467	1-164-159-11	CERAMIC	0.1uF		50V
C468	1-128-809-11	CERAMIC	100PF	5%	50V
C469	1-128-809-11	CERAMIC	100PF	5%	50V
C470	1-128-809-11	CERAMIC	100PF	5%	50V
C471	1-126-963-11	ELECT	4.7uF	20%	50V
C472	1-126-963-11	ELECT	4.7uF	20%	50V
C481	1-126-963-11	ELECT	4.7uF	20%	50V
C482	1-126-963-11	ELECT	4.7uF	20%	50V
C483	1-126-963-11	ELECT	4.7uF	20%	50V
C484	1-126-963-11	ELECT	4.7uF	20%	50V
C485	1-126-963-11	ELECT	4.7uF	20%	50V
C486	1-126-963-11	ELECT	4.7uF	20%	50V
C488	1-164-159-11	CERAMIC	0.1uF		50V
C489	1-126-963-11	ELECT	4.7uF	20%	50V
C490	1-126-963-11	ELECT	4.7uF	20%	50V
C491	1-126-963-11	ELECT	4.7uF	20%	50V
C492	1-126-963-11	ELECT	4.7uF	20%	50V
C493	1-126-963-11	ELECT	4.7uF	20%	50V
C494	1-126-963-11	ELECT	4.7uF	20%	50V
C495	1-126-963-11	ELECT	4.7uF	20%	50V
C496	1-126-963-11	ELECT	4.7uF	20%	50V
C497	1-126-963-11	ELECT	4.7uF	20%	50V
C498	1-126-963-11	ELECT	4.7uF	20%	50V
C499	1-162-211-31	CERAMIC	33PF	5%	50V
C501	1-126-963-11	ELECT	4.7uF	20%	50V
C503	1-104-658-11	ELECT	100uF	20%	10V
C504	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C505	1-102-978-00	CERAMIC	220PF	5%	50V
C506	1-107-616-11	CERAMIC	150PF	5%	500V
C507	1-128-809-11	CERAMIC	100PF	5%	50V

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C510	1-126-947-11	ELECT	47uF	20%	35V	C755	1-102-233-00	CERAMIC	33PF	10%	500V
C511	1-136-157-00	FILM	0.022uF	5%	50V	C756	1-128-809-11	CERAMIC	100PF	5%	50V
C516	1-162-815-11	CERAMIC	47PF	5%	500V	C757	1-128-809-11	CERAMIC	100PF	5%	50V
C517	1-162-815-11	CERAMIC	47PF	5%	500V	C760	1-126-947-11	ELECT	47uF	20%	35V
C519	1-128-813-11	CERAMIC	220PF	5%	50V	C761	1-136-157-00	FILM	0.022uF	5%	50V
C540	1-126-964-11	ELECT	10uF	20%	50V	C766	1-162-815-11	CERAMIC	47PF	5%	500V
C541	1-127-876-11	CERAMIC	0.01uF	10%	50V	C767	1-162-815-11	CERAMIC	47PF	5%	500V
C601	1-126-963-11	ELECT	4.7uF	20%	50V	C770	1-128-813-11	CERAMIC	220PF	5%	50V
C603	1-104-658-11	ELECT	100uF	20%	10V	C801	1-126-947-11	ELECT	47uF	20%	35V
C604	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C802	1-126-947-11	ELECT	47uF	20%	35V
C605	1-102-233-00	CERAMIC	33PF	10%	500V	C803	1-109-932-13	ELECT	10000uF	20%	71V
C606	1-128-809-11	CERAMIC	100PF	5%	50V						(US,CND)
C607	1-128-809-11	CERAMIC	100PF	5%	50V	C803	1-165-707-11	ELECT	10000uF	20%	71V
C610	1-126-947-11	ELECT	47uF	20%	35V						(EXCEPT US,CND)
C611	1-136-157-00	FILM	0.022uF	5%	50V	C804	1-109-932-13	ELECT	10000uF	20%	71V
C619	1-128-813-11	CERAMIC	220PF	5%	50V						(US,CND)
C620	1-162-815-11	CERAMIC	47PF	5%	500V	C804	1-165-707-11	ELECT	10000uF	20%	71V
C621	1-162-815-11	CERAMIC	47PF	5%	500V						(EXCEPT US,CND)
C640	1-126-964-11	ELECT	10uF	20%	50V	C805	1-135-851-21	MYLAR	0.22uF		100V
C642	1-127-876-11	CERAMIC	0.01uF	10%	50V	C806	1-135-851-21	MYLAR	0.22uF		100V
C651	1-126-963-11	ELECT	4.7uF	20%	50V	C807	1-126-947-11	ELECT	47uF	20%	35V
C653	1-104-658-11	ELECT	100uF	20%	10V	C808	1-126-947-11	ELECT	47uF	20%	35V
C654	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C809	1-164-159-11	CERAMIC	0.1uF		50V
C655	1-102-233-00	CERAMIC	33PF	10%	500V	C810	1-164-159-11	CERAMIC	0.1uF		50V
C656	1-128-809-11	CERAMIC	100PF	5%	50V	C811	1-164-159-11	CERAMIC	0.1uF		50V
C657	1-128-809-11	CERAMIC	100PF	5%	50V	C822	1-126-947-11	ELECT	47uF	20%	35V
C660	1-126-947-11	ELECT	47uF	20%	35V	C830	1-164-159-11	CERAMIC	0.1uF		50V
C661	1-136-157-00	FILM	0.022uF	5%	50V	C831	1-164-159-11	CERAMIC	0.1uF		50V
C666	1-162-815-11	CERAMIC	47PF	5%	500V	C832	1-126-936-11	ELECT	3300uF	20%	16V
C669	1-162-815-11	CERAMIC	47PF	5%	500V	CC01	1-128-809-11	CERAMIC	100PF	5%	50V
C670	1-128-813-11	CERAMIC	220PF	5%	50V						(EXCEPT US,CND)
C680	1-126-964-11	ELECT	10uF	20%	50V	CC02	1-128-809-11	CERAMIC	100PF	5%	50V
C681	1-127-876-11	CERAMIC	0.01uF	10%	50V						(EXCEPT US,CND)
C691	1-164-159-11	CERAMIC	0.1uF		50V	CC04	1-128-809-11	CERAMIC	100PF	5%	50V
C701	1-126-963-11	ELECT	4.7uF	20%	50V						(EXCEPT US,CND)
C703	1-104-658-11	ELECT	100uF	20%	10V	CC05	1-128-809-11	CERAMIC	100PF	5%	50V
C704	1-107-583-11	CERAMIC	3PF	0.25PF	500V						(EXCEPT US,CND)
C705	1-102-233-00	CERAMIC	33PF	10%	500V	CC06	1-128-809-11	CERAMIC	100PF	5%	50V
C706	1-128-809-11	CERAMIC	100PF	5%	50V						(EXCEPT US,CND)
C707	1-128-809-11	CERAMIC	100PF	5%	50V	CC07	1-128-809-11	CERAMIC	100PF	5%	50V
C710	1-126-947-11	ELECT	47uF	20%	35V						(EXCEPT US,CND)
C711	1-136-157-00	FILM	0.022uF	5%	50V	CC08	1-128-809-11	CERAMIC	100PF	5%	50V
C716	1-162-815-11	CERAMIC	47PF	5%	500V						(EXCEPT US,CND)
C717	1-162-815-11	CERAMIC	47PF	5%	500V	CC09	1-128-809-11	CERAMIC	100PF	5%	50V
C720	1-128-813-11	CERAMIC	220PF	5%	50V						(EXCEPT US,CND)
C721	1-126-923-11	ELECT	220uF	20%	10V	CC11	1-127-876-11	CERAMIC	0.01uF	10%	50V
C722	1-126-964-11	ELECT	10uF	20%	50V						(EXCEPT US,CND)
C732	1-128-582-11	ELECT	10uF	20%	100V	CC13	1-127-876-11	CERAMIC	0.01uF	10%	50V
C733	1-128-582-11	ELECT	10uF	20%	100V						(EXCEPT US,CND)
C740	1-126-964-11	ELECT	10uF	20%	50V	CC15	1-127-876-11	CERAMIC	0.01uF	10%	50V
C742	1-127-876-11	CERAMIC	0.01uF	10%	50V						(EXCEPT US,CND)
C743	1-128-579-11	ELECT	2.2uF	20%	100V	CC17	1-127-876-11	CERAMIC	0.01uF	10%	50V
C744	1-128-579-11	ELECT	2.2uF	20%	100V						(EXCEPT US,CND)
C750	1-126-964-11	ELECT	10uF	20%	50V	CC19	1-127-876-11	CERAMIC	0.01uF	10%	50V
C751	1-126-963-11	ELECT	4.7uF	20%	50V						(EXCEPT US,CND)
C752	1-127-876-11	CERAMIC	0.01uF	10%	50V	CC21	1-127-876-11	CERAMIC	0.01uF	10%	50V
C753	1-104-658-11	ELECT	100uF	20%	10V						(EXCEPT US,CND)
C754	1-107-583-11	CERAMIC	3PF	0.25PF	500V	CC31	1-128-809-11	CERAMIC	100PF	5%	50V
											(SP,MY)
						CC31	1-128-813-11	CERAMIC	220PF	5%	50V
											(AEP,UK,AUS)

MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
CC32	1-128-809-11	CERAMIC	100PF 5% 50V (SP,MY)	D710	8-719-991-33	DIODE 1SS133T-77	
CC32	1-128-813-11	CERAMIC	220PF 5% 50V (AEP,UK,AUS)	D721	8-719-991-33	DIODE 1SS133T-77	
CC33	1-128-809-11	CERAMIC	100PF 5% 50V (SP,MY)	D722	8-719-991-33	DIODE 1SS133T-77	
CC33	1-128-813-11	CERAMIC	220PF 5% 50V (AEP,UK,AUS)	D732	8-719-991-33	DIODE 1SS133T-77	
CC34	1-128-809-11	CERAMIC	100PF 5% 50V (SP,MY)	D740	8-719-991-33	DIODE 1SS133T-77	
CC34	1-128-813-11	CERAMIC	220PF 5% 50V (AEP,UK,AUS)	D750	8-719-991-33	DIODE 1SS133T-77	
CC35	1-128-809-11	CERAMIC	100PF 5% 50V (SP,MY)	D765	8-719-991-33	DIODE 1SS133T-77	
CC35	1-128-813-11	CERAMIC	220PF 5% 50V (AEP,UK,AUS)	D791	8-719-991-33	DIODE 1SS133T-77	
CC36	1-128-809-11	CERAMIC	100PF 5% 50V (SP,MY)	D801	8-719-933-95	DIODE HZS20-1L	
CC36	1-128-813-11	CERAMIC	220PF 5% 50V (AEP,UK,AUS)	D802	8-719-072-05	DIODE RBV-602LF-A	
CC51	1-128-809-11	CERAMIC	100PF 5% 50V (EXCEPT US,CND)	D804	8-719-068-28	DIODE HZ6.8BP-TK	
CC52	1-128-809-11	CERAMIC	100PF 5% 50V (EXCEPT US,CND)	D805	6-500-522-11	DIODE 10EDB40-TA2B5	
CC54	1-128-809-11	CERAMIC	100PF 5% 50V (EXCEPT US,CND)	D806	6-500-522-11	DIODE 10EDB40-TA2B5	
CC55	1-128-809-11	CERAMIC	100PF 5% 50V (EXCEPT US,CND)	D807	6-500-522-11	DIODE 10EDB40-TA2B5	
CC56	1-128-809-11	CERAMIC	100PF 5% 50V (EXCEPT US,CND)	D808	6-500-522-11	DIODE 10EDB40-TA2B5	
CC57	1-128-809-11	CERAMIC	100PF 5% 50V (EXCEPT US,CND)	D896	8-719-043-76	DIODE AK04V0	
CC58	1-128-809-11	CERAMIC	100PF 5% 50V (EXCEPT US,CND)	< IC >			
CC59	1-128-809-11	CERAMIC	100PF 5% 50V (EXCEPT US,CND)	IC401	6-703-500-01	IC M61532FP	
< CONNECTOR >				IC402	8-759-167-88	IC NJM4565D	
CN808	1-564-320-00	PIN, CONNECTOR (3.96mm PITCH) 2P		IC501	8-749-011-16	IC STK350-230	
CNP500	1-766-715-21	CONNECTOR, BOARD TO BOARD 10P		IC601	6-700-943-01	IC uPC2581V-S	
* CNP501	1-766-718-21	CONNECTOR, BOARD TO BOARD 17P		IC691	8-759-167-88	IC NJM4565D	
CNP503	1-779-978-11	PIN, CONNECTOR 3P		IC701	6-700-943-01	IC uPC2581V-S	
CNP802	1-691-767-11	PLUG (MICRO CONNECTOR) 5P		IC801	8-759-071-48	IC TA7807S	
CNP911	1-784-926-11	PIN, CONNECTOR 11P		IC802	8-759-071-47	IC TA7907S	
CNP912	1-784-921-11	PIN, CONNECTOR 4P		< JACK >			
CNP913	1-779-978-11	PIN, CONNECTOR 3P		J309	1-770-377-21	JACK, PIN 1P (SUB WOOFER AUDIO OUT)	
CNP915	1-766-200-11	SOCKET, CONNECTOR PIN 5P		J400	1-774-411-11	JACK, PIN 6P (AUX IN,SA-CD/CD IN, MD/TAPE OUT)	
< DIODE >				J401	1-793-775-12	JACK, PIN 6P (MULTI CH IN FRONT,SURROUND,CENTER,SUB WOOFER)	
D505	8-719-991-33	DIODE 1SS133T-77		J403	1-770-614-11	JACK, PIN 4P (MD/TAPE IN,DVD AUDIO IN)	
D540	8-719-991-33	DIODE 1SS133T-77		J404	1-774-411-11	JACK, PIN 6P (VIDEO 2 AUDIO IN, VIDEO 1 AUDIO OUT/AUDIO IN)	
D560	8-719-991-33	DIODE 1SS133T-77		< COIL >			
D605	8-719-991-33	DIODE 1SS133T-77		L601	1-420-872-52	COIL, AIR-CORE	
D610	8-719-991-33	DIODE 1SS133T-77		L651	1-420-872-52	COIL, AIR-CORE	
D611	8-719-991-33	DIODE 1SS133T-77		L701	1-420-872-52	COIL, AIR-CORE	
D640	8-719-991-33	DIODE 1SS133T-77		L751	1-420-872-52	COIL, AIR-CORE	
D665	8-719-991-33	DIODE 1SS133T-77		< TRANSISTOR >			
D680	8-719-991-33	DIODE 1SS133T-77		Q300	8-729-823-22	TRANSISTOR 2SC3576	
D690	8-719-934-21	DIODE HZS30-1L		Q310	8-729-823-22	TRANSISTOR 2SC3576	
D691	8-719-991-33	DIODE 1SS133T-77		Q320	8-729-823-22	TRANSISTOR 2SC3576	
D705	8-719-991-33	DIODE 1SS133T-77		Q330	8-729-823-22	TRANSISTOR 2SC3576	
				Q340	8-729-823-22	TRANSISTOR 2SC3576	
				Q350	8-729-823-22	TRANSISTOR 2SC3576	
				Q360	8-729-823-22	TRANSISTOR 2SC3576	
				Q370	8-729-823-22	TRANSISTOR 2SC3576	
				Q379	8-729-900-63	TRANSISTOR DTA124ES	
				Q471	8-729-823-22	TRANSISTOR 2SC3576	
				Q501	8-729-119-76	TRANSISTOR 2SA1175-HFE	
				Q502	8-729-141-30	TRANSISTOR 2SC3623A-LK	
				Q505	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
				Q506	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
				Q540	8-729-281-53	TRANSISTOR 2SC1815-GR	

Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description	Remark			
Q560	8-729-119-79	TRANSISTOR	2SC2785-FEK				R381	1-249-429-11	CARBON	10K	5%	1/4W	
Q601	8-729-119-76	TRANSISTOR	2SA1175-HFE				R401	1-247-831-11	CARBON	1K	5%	1/4W	
Q602	8-729-141-30	TRANSISTOR	2SC3623A-LK				R402	1-247-831-11	CARBON	1K	5%	1/4W	
Q605	8-729-140-82	TRANSISTOR	2SA988-PAFAEA				R404	1-247-831-11	CARBON	1K	5%	1/4W	
Q606	8-729-140-82	TRANSISTOR	2SA988-PAFAEA				R405	1-247-831-11	CARBON	1K	5%	1/4W	
Q610	8-729-119-79	TRANSISTOR	2SC2785-FEK				R406	1-247-831-11	CARBON	1K	5%	1/4W	
Q611	8-729-119-79	TRANSISTOR	2SC2785-FEK				R407	1-247-831-11	CARBON	1K	5%	1/4W	
Q640	8-729-281-53	TRANSISTOR	2SC1815-GR				R408	1-247-831-11	CARBON	1K	5%	1/4W	
Q651	8-729-119-76	TRANSISTOR	2SA1175-HFE				R409	1-247-831-11	CARBON	1K	5%	1/4W	
Q652	8-729-141-30	TRANSISTOR	2SC3623A-LK				R428	1-247-831-11	CARBON	1K	5%	1/4W	
Q655	8-729-140-82	TRANSISTOR	2SA988-PAFAEA				R429	1-247-831-11	CARBON	1K	5%	1/4W	
Q656	8-729-140-82	TRANSISTOR	2SA988-PAFAEA				R430	1-247-831-11	CARBON	1K	5%	1/4W	
Q680	8-729-281-53	TRANSISTOR	2SC1815-GR				R431	1-247-831-11	CARBON	1K	5%	1/4W	
Q691	8-729-281-53	TRANSISTOR	2SC1815-GR				R432	1-247-831-11	CARBON	1K	5%	1/4W	
Q692	8-729-900-63	TRANSISTOR	DTA124ES				R433	1-247-831-11	CARBON	1K	5%	1/4W	
Q701	8-729-119-76	TRANSISTOR	2SA1175-HFE				R434	1-247-831-11	CARBON	1K	5%	1/4W	
Q702	8-729-141-30	TRANSISTOR	2SC3623A-LK				R435	1-247-831-11	CARBON	1K	5%	1/4W	
Q705	8-729-140-82	TRANSISTOR	2SA988-PAFAEA				R436	1-247-831-11	CARBON	1K	5%	1/4W	
Q706	8-729-140-82	TRANSISTOR	2SA988-PAFAEA				R451	1-247-831-11	CARBON	1K	5%	1/4W	
Q710	8-729-119-79	TRANSISTOR	2SC2785-FEK				R452	1-247-831-11	CARBON	1K	5%	1/4W	
Q722	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA				R454	1-247-831-11	CARBON	1K	5%	1/4W	
Q723	8-729-119-79	TRANSISTOR	2SC2785-FEK				R455	1-247-831-11	CARBON	1K	5%	1/4W	
Q725	8-729-140-82	TRANSISTOR	2SA988-PAFAEA				R456	1-247-831-11	CARBON	1K	5%	1/4W	
Q740	8-729-281-53	TRANSISTOR	2SC1815-GR				R457	1-247-831-11	CARBON	1K	5%	1/4W	
Q750	8-729-281-53	TRANSISTOR	2SC1815-GR				R458	1-247-831-11	CARBON	1K	5%	1/4W	
Q751	8-729-119-76	TRANSISTOR	2SA1175-HFE				R459	1-247-831-11	CARBON	1K	5%	1/4W	
Q752	8-729-141-30	TRANSISTOR	2SC3623A-LK				R469	1-247-831-11	CARBON	1K	5%	1/4W	
Q755	8-729-140-82	TRANSISTOR	2SA988-PAFAEA				R470	1-247-871-11	CARBON	47K	5%	1/4W	
Q756	8-729-140-82	TRANSISTOR	2SA988-PAFAEA				R471	1-247-831-11	CARBON	1K	5%	1/4W	
Q790	8-729-119-79	TRANSISTOR	2SC2785-FEK				R472	1-249-415-11	CARBON	680	5%	1/4W	
Q801	8-729-140-97	TRANSISTOR	2SB734-34				R473	1-249-429-11	CARBON	10K	5%	1/4W	
< RESISTOR >							R474	1-249-429-11	CARBON	10K	5%	1/4W	
R300	1-247-831-11	CARBON	1K	5%	1/4W		R475	1-249-421-11	CARBON	2.2K	5%	1/4W	
R301	1-247-879-11	CARBON	100K	5%	1/4W		R480	1-247-871-11	CARBON	47K	5%	1/4W	
R302	1-247-847-11	CARBON	4.7K	5%	1/4W		R499	1-247-871-11	CARBON	47K	5%	1/4W	
R310	1-247-831-11	CARBON	1K	5%	1/4W		R501	1-247-831-11	CARBON	1K	5%	1/4W	
R311	1-247-879-11	CARBON	100K	5%	1/4W		R502	1-249-439-11	CARBON	68K	5%	1/4W	
R312	1-247-847-11	CARBON	4.7K	5%	1/4W		R503	1-249-421-11	CARBON	2.2K	5%	1/4W	
R320	1-247-831-11	CARBON	1K	5%	1/4W		R504	1-249-411-11	CARBON	330	5%	1/4W	
R321	1-247-879-11	CARBON	100K	5%	1/4W		R505	1-249-439-11	CARBON	68K	5%	1/4W	
R322	1-247-847-11	CARBON	4.7K	5%	1/4W		R510	1-249-421-11	CARBON	2.2K	5%	1/4W	
R330	1-247-831-11	CARBON	1K	5%	1/4W		R511	1-249-440-11	CARBON	82K	5%	1/4W	
R331	1-247-879-11	CARBON	100K	5%	1/4W		R513	1-249-414-11	CARBON	560	5%	1/4W	
R332	1-247-847-11	CARBON	4.7K	5%	1/4W		R514	1-249-399-11	CARBON	33	5%	1/4W	
R340	1-247-831-11	CARBON	1K	5%	1/4W		R515	1-249-399-11	CARBON	33	5%	1/4W	
R341	1-247-879-11	CARBON	100K	5%	1/4W		R516	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W				
R342	1-247-847-11	CARBON	4.7K	5%	1/4W		R517	1-249-393-11	CARBON	10	5%	1/4W	
R350	1-247-831-11	CARBON	1K	5%	1/4W		R520	1-247-847-11	CARBON	4.7K	5%	1/4W	
R351	1-247-879-11	CARBON	100K	5%	1/4W		R521	1-240-855-81	CARBON	6.2K	5%	1/4W	
R352	1-247-847-11	CARBON	4.7K	5%	1/4W		R522	1-249-419-11	CARBON	1.5K	5%	1/4W	
R360	1-247-831-11	CARBON	1K	5%	1/4W		R524	1-249-431-11	CARBON	15K	5%	1/4W	
R361	1-247-879-11	CARBON	100K	5%	1/4W		R525	1-249-439-11	CARBON	68K	5%	1/4W	
R362	1-247-847-11	CARBON	4.7K	5%	1/4W		R532	1-247-847-11	CARBON	4.7K	5%	1/4W	
R370	1-247-831-11	CARBON	1K	5%	1/4W		R533	1-247-871-11	CARBON	47K	5%	1/4W	
R371	1-247-879-11	CARBON	100K	5%	1/4W		R540	1-247-863-11	CARBON	22K	5%	1/4W	
R372	1-247-847-11	CARBON	4.7K	5%	1/4W		R546	1-249-431-11	CARBON	15K	5%	1/4W	
R380	1-247-879-11	CARBON	100K	5%	1/4W		R555	1-247-871-11	CARBON	47K	5%	1/4W	
							R556	1-247-863-11	CARBON	22K	5%	1/4W	

MAIN

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark			
R557	1-249-431-11	CARBON	15K	5%	1/4W	R696	1-249-436-11	CARBON	39K	5%	1/4W	
R573	1-247-871-11	CARBON	47K	5%	1/4W	R698	1-249-429-11	CARBON	10K	5%	1/4W	
R601	1-247-831-11	CARBON	1K	5%	1/4W	R699	1-247-895-00	CARBON	470K	5%	1/4W	
R602	1-249-439-11	CARBON	68K	5%	1/4W	R701	1-247-831-11	CARBON	1K	5%	1/4W	
R603	1-249-421-11	CARBON	2.2K	5%	1/4W	R702	1-249-439-11	CARBON	68K	5%	1/4W	
R604	1-249-439-11	CARBON	68K	5%	1/4W	R703	1-249-421-11	CARBON	2.2K	5%	1/4W	
R610	1-249-421-11	CARBON	2.2K	5%	1/4W	R704	1-249-439-11	CARBON	68K	5%	1/4W	
R611	1-249-440-11	CARBON	82K	5%	1/4W	R710	1-249-421-11	CARBON	2.2K	5%	1/4W	
R613	1-249-414-11	CARBON	560	5%	1/4W	R711	1-249-440-11	CARBON	82K	5%	1/4W	
R614	1-249-399-11	CARBON	33	5%	1/4W	R713	1-249-414-11	CARBON	560	5%	1/4W	
R615	1-249-399-11	CARBON	33	5%	1/4W	R714	1-249-399-11	CARBON	33	5%	1/4W	
R616	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W				R715	1-249-399-11	CARBON	33	5%	1/4W	
R617	1-249-393-11	CARBON	10	5%	1/4W	R716	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W				
R618	1-249-389-11	CARBON	4.7	5%	1/4W	R717	1-249-393-11	CARBON	10	5%	1/4W	
R620	1-247-847-11	CARBON	4.7K	5%	1/4W	R718	1-249-389-11	CARBON	4.7	5%	1/4W	
R621	1-240-855-81	CARBON	6.2K	5%	1/4W	R719	1-247-847-11	CARBON	4.7K	5%	1/4W	
R622	1-249-419-11	CARBON	1.5K	5%	1/4W	R721	1-240-855-81	CARBON	6.2K	5%	1/4W	
R623	1-247-871-11	CARBON	47K	5%	1/4W	R722	1-249-419-11	CARBON	1.5K	5%	1/4W	
R624	1-249-431-11	CARBON	15K	5%	1/4W	R723	1-247-871-11	CARBON	47K	5%	1/4W	
R625	1-249-439-11	CARBON	68K	5%	1/4W	R724	1-249-431-11	CARBON	15K	5%	1/4W	
R631	1-247-847-11	CARBON	4.7K	5%	1/4W	R725	1-249-439-11	CARBON	68K	5%	1/4W	
R632	1-247-847-11	CARBON	4.7K	5%	1/4W	R731	1-247-847-11	CARBON	4.7K	5%	1/4W	
R634	1-249-404-00	CARBON	82	5%	1/4W	R732	1-249-381-11	CARBON	1	5%	1/4W	
R635	1-249-404-00	CARBON	82	5%	1/4W	R733	1-249-381-11	CARBON	1	5%	1/4W	
R638	1-249-439-11	CARBON	68K	5%	1/4W	R734	1-249-404-00	CARBON	82	5%	1/4W	
R640	1-247-863-11	CARBON	22K	5%	1/4W	R735	1-249-427-11	CARBON	6.8K	5%	1/4W	
R648	1-249-431-11	CARBON	15K	5%	1/4W	R736	1-247-831-11	CARBON	1K	5%	1/4W	
R651	1-247-831-11	CARBON	1K	5%	1/4W	R737	1-249-436-11	CARBON	39K	5%	1/4W	
R652	1-249-439-11	CARBON	68K	5%	1/4W	R740	1-247-863-11	CARBON	22K	5%	1/4W	
R653	1-249-421-11	CARBON	2.2K	5%	1/4W	R743	1-247-863-11	CARBON	22K	5%	1/4W	
R654	1-249-439-11	CARBON	68K	5%	1/4W	R744	1-247-863-11	CARBON	22K	5%	1/4W	
R655	1-247-871-11	CARBON	47K	5%	1/4W	R745	1-247-871-11	CARBON	47K	5%	1/4W	
R656	1-247-863-11	CARBON	22K	5%	1/4W	R746	1-247-863-11	CARBON	22K	5%	1/4W	
R657	1-249-431-11	CARBON	15K	5%	1/4W	R747	1-249-431-11	CARBON	15K	5%	1/4W	
R660	1-249-421-11	CARBON	2.2K	5%	1/4W	R748	1-249-431-11	CARBON	15K	5%	1/4W	
R661	1-249-440-11	CARBON	82K	5%	1/4W	R750	1-247-863-11	CARBON	22K	5%	1/4W	
R663	1-249-414-11	CARBON	560	5%	1/4W	R751	1-247-831-11	CARBON	1K	5%	1/4W	
R664	1-249-399-11	CARBON	33	5%	1/4W	R752	1-249-439-11	CARBON	68K	5%	1/4W	
R665	1-249-399-11	CARBON	33	5%	1/4W	R753	1-249-421-11	CARBON	2.2K	5%	1/4W	
R666	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W				R754	1-249-439-11	CARBON	68K	5%	1/4W	
R667	1-249-393-11	CARBON	10	5%	1/4W	R755	1-247-871-11	CARBON	47K	5%	1/4W	
R668	1-249-389-11	CARBON	4.7	5%	1/4W	R756	1-247-863-11	CARBON	22K	5%	1/4W	
R669	1-247-847-11	CARBON	4.7K	5%	1/4W	R757	1-249-431-11	CARBON	15K	5%	1/4W	
R671	1-240-855-81	CARBON	6.2K	5%	1/4W	R758	1-249-431-11	CARBON	15K	5%	1/4W	
R672	1-249-419-11	CARBON	1.5K	5%	1/4W	R760	1-249-421-11	CARBON	2.2K	5%	1/4W	
R673	1-247-871-11	CARBON	47K	5%	1/4W	R761	1-249-440-11	CARBON	82K	5%	1/4W	
R674	1-249-431-11	CARBON	15K	5%	1/4W	R763	1-249-414-11	CARBON	560	5%	1/4W	
R675	1-247-871-11	CARBON	47K	5%	1/4W	R764	1-249-399-11	CARBON	33	5%	1/4W	
R676	1-247-863-11	CARBON	22K	5%	1/4W	R765	1-249-399-11	CARBON	33	5%	1/4W	
R677	1-249-431-11	CARBON	15K	5%	1/4W	R766	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W				
R680	1-247-863-11	CARBON	22K	5%	1/4W	R767	1-249-393-11	CARBON	10	5%	1/4W	
R681	1-249-431-11	CARBON	15K	5%	1/4W	R768	1-249-389-11	CARBON	4.7	5%	1/4W	
R690	1-247-887-00	CARBON	220K	5%	1/4W	R769	1-247-847-11	CARBON	4.7K	5%	1/4W	
△ R691	1-215-888-00	METAL OXIDE	220	5%	2W	F	R770	1-247-871-11	CARBON	47K	5%	1/4W
△ R692	1-215-888-00	METAL OXIDE	220	5%	2W	F	R771	1-240-855-81	CARBON	6.2K	5%	1/4W
R693	1-249-429-11	CARBON	10K	5%	1/4W	R772	1-249-419-11	CARBON	1.5K	5%	1/4W	
R694	1-249-429-11	CARBON	10K	5%	1/4W	R773	1-247-871-11	CARBON	47K	5%	1/4W	
R695	1-249-429-11	CARBON	10K	5%	1/4W	R775	1-249-439-11	CARBON	68K	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.

MAIN

POWER

SPEAKER

STANDBY

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R778	1-249-431-11	CARBON	15K 5% 1/4W	< CONNECTOR >			
R780	1-249-429-11	CARBON	10K 5% 1/4W	CNP501	1-564-320-00	PIN, CONNECTOR (3.96mm PITCH) 2P	
R791	1-247-847-11	CARBON	4.7K 5% 1/4W	CNP502	1-779-978-11	PIN, CONNECTOR 3P	
△ R792	1-215-868-00	METAL OXIDE	680 5% 1W F	CNP503	1-785-102-11	PIN, CONNECTOR (3.96mm PITCH) 4P	
R793	1-249-404-00	CARBON	82 5% 1/4W	< DIODE >			
△ R794	1-215-868-00	METAL OXIDE	680 5% 1W F	D510	8-719-991-33	DIODE 1SS133T-77	
R802	1-249-404-00	CARBON	82 5% 1/4W	D760	8-719-991-33	DIODE 1SS133T-77	
R803	1-249-389-11	CARBON	4.7 5% 1/4W	< COIL >			
R804	1-249-429-11	CARBON	10K 5% 1/4W	L571	1-420-872-52	COIL, AIR-CORE	
R806	1-247-863-11	CARBON	22K 5% 1/4W	L751	1-420-872-52	COIL, AIR-CORE	
				L752	1-420-872-52	COIL, AIR-CORE	
△ R910	1-240-877-11	FUSIBLE	0.15 5% 1/2W F	< TRANSISTOR >			
RR11	1-249-393-11	CARBON	10 5% 1/4W (EXCEPT US,CND)	Q550	8-729-119-79	TRANSISTOR 2SC2785-FEK	
RR12	1-249-393-11	CARBON	10 5% 1/4W (EXCEPT US,CND)	Q760	8-729-119-79	TRANSISTOR 2SC2785-FEK	
RR13	1-249-393-11	CARBON	10 5% 1/4W (EXCEPT US,CND)	< RESISTOR >			
RR14	1-249-393-11	CARBON	10 5% 1/4W (EXCEPT US,CND)	R531	1-247-847-11	CARBON	4.7K 5% 1/4W
RR15	1-249-393-11	CARBON	10 5% 1/4W (EXCEPT US,CND)	R534	1-249-404-00	CARBON	82 5% 1/4W
RR16	1-249-393-11	CARBON	10 5% 1/4W (EXCEPT US,CND)	R578	1-249-389-11	CARBON	4.7 5% 1/4W
< RELAY >				R751	1-249-389-11	CARBON	4.7 5% 1/4W
RY560	1-755-267-11	RELAY		R752	1-249-389-11	CARBON	4.7 5% 1/4W
RY601	1-755-421-11	RELAY		R753	1-247-847-11	CARBON	4.7K 5% 1/4W
RY602	1-755-421-11	RELAY		R774	1-249-404-00	CARBON	82 5% 1/4W
RY701	1-755-421-11	RELAY		RR15	1-249-393-11	CARBON	10 5% 1/4W (EXCEPT US,CND)
RY791	1-755-421-11	RELAY		RR16	1-249-393-11	CARBON	10 5% 1/4W (EXCEPT US,CND)
< TERMINAL BOARD >				RR17	1-249-393-11	CARBON	10 5% 1/4W (EXCEPT US,CND)
TM601	1-694-935-12	TERMINAL BOARD (8P) (SPEAKERS FRONT A,SURROUND)		< RELAY >			
TM602	1-694-933-12	TERMINAL BOARD (4P) (SPEAKERS FRONT B)		RY501	1-755-421-11	RELAY	
*****				RY751	1-755-421-11	RELAY	
1-861-057-11	POWER BOARD	*****		< TERMINAL BOARD >			
< RESISTOR >				TM501	1-694-934-12	TERMINAL BOARD (6P) (SPEAKERS SURROUND BACK,CENTER)	
R127	1-249-421-11	CARBON	2.2K 5% 1/4W	*****			
R128	1-247-847-11	CARBON	4.7K 5% 1/4W	A-4752-717-A	STANDBY BOARD, COMPLETE (US,CND)		
< SWITCH >				A-4752-775-A	STANDBY BOARD, COMPLETE (AEP,UK,SP,MY)		
S126	1-771-410-21	SWITCH, TACTILE (SPEAKERS (OFF/A/B/A+B))		A-4752-798-A	STANDBY BOARD, COMPLETE (AUS)		
S127	1-771-410-21	SWITCH, TACTILE (DISPLAY)		*****			
S128	1-771-410-21	SWITCH, TACTILE (DIMMER)		1-533-399-11	HOLDER, FUSE		
S152	1-771-410-21	SWITCH, TACTILE (I/⏻)		< CAPACITOR >			
*****				C913	1-164-159-11	CERAMIC	0.1uF 50V
SPEAKER BOARD				C914	1-164-159-11	CERAMIC	0.1uF 50V
*****				C915	1-126-943-11	ELECT	2200uF 20% 25V
< CAPACITOR >				C916	1-126-942-61	ELECT	1000uF 20% 25V
CC15	1-127-876-11	CERAMIC	0.01uF 10% 50V (EXCEPT US,CND)	C920	1-164-159-11	CERAMIC	0.1uF 50V
CC16	1-127-876-11	CERAMIC	0.01uF 10% 50V (EXCEPT US,CND)	C921	1-164-159-11	CERAMIC	0.1uF 50V
CC17	1-127-876-11	CERAMIC	0.01uF 10% 50V (EXCEPT US,CND)	C922	1-164-159-11	CERAMIC	0.1uF 50V
				C924	1-126-959-11	ELECT	0.47uF 20% 50V
				C950	1-126-936-11	ELECT	3300uF 20% 16V

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STANDBY

SURR BACK

Ref. No.	Part No.	Description	Remark
< CONNECTOR >			
CNP801	1-766-203-11	PLUG, CONNECTOR PIN (PC BOARD) 5P	
CNP804	1-564-506-11	PLUG, CONNECTOR 3P	
CNP901	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P	
CNP902	1-794-577-21	PIN, CONNECTOR (POWER) 2P	
CNP903	1-784-922-11	PIN, CONNECTOR 5P	
< DIODE >			
D901	8-719-991-33	DIODE 1SS133T-77	
D910	6-500-522-11	DIODE 10EDB40-TA2B5	
D911	6-500-522-11	DIODE 10EDB40-TA2B5	
D912	6-500-522-11	DIODE 10EDB40-TA2B5	
D913	6-500-522-11	DIODE 10EDB40-TA2B5	
D914	8-719-991-33	DIODE 1SS133T-77	
D915	8-719-991-33	DIODE 1SS133T-77	
D920	6-500-522-11	DIODE 10EDB40-TA2B5	
D921	6-500-522-11	DIODE 10EDB40-TA2B5	
D922	6-500-522-11	DIODE 10EDB40-TA2B5	
D923	6-500-522-11	DIODE 10EDB40-TA2B5	
< EARTH TERMINAL >			
* G901	1-537-738-21	TERMINAL, EARTH	
< AC OUTLET >			
△ J911	1-251-417-11	OUTLET, AC (AC OUTLET) (AUS)	
△ J911	1-785-285-11	OUTLET, AC (1P) (AC OUTLET) (AEP,UK,SP,MY)	
△ J911	1-785-834-11	OUTLET, AC (1P) (AC OUTLET) (US,CND)	
< TRANSISTOR >			
Q901	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q921	8-729-119-79	TRANSISTOR 2SC2785-FEK	
< RESISTOR >			
△ R810	1-243-634-11	FUSIBLE 0.22 5% 1/2W F	
△ R811	1-243-634-11	FUSIBLE 0.22 5% 1/2W F	
△ R901	1-219-237-11	SOLID 3.3M 20% 1/2W F (US,CND)	
R902	1-247-871-11	CARBON 47K 5% 1/4W	
R903	1-247-847-11	CARBON 4.7K 5% 1/4W	
R904	1-249-381-11	CARBON 1 5% 1/4W	
R921	1-247-871-11	CARBON 47K 5% 1/4W	
R922	1-247-863-11	CARBON 22K 5% 1/4W	
R923	1-249-429-11	CARBON 10K 5% 1/4W	
< RELAY >			
△ RY901	1-755-298-11	RELAY	
< TRANSFORMER >			
△ T902	1-435-281-11	TRANSFORMER, POWER (US,CND)	
△ T902	1-435-282-11	TRANSFORMER, POWER (EXCEPT US,CND)	

Ref. No.	Part No.	Description	Remark
A-4752-721-A SURR BACK BOARD, COMPLETE			

< CAPACITOR >			
C1600	1-128-579-11	ELECT 2.2uF 20% 100V	
C1601	1-126-963-11	ELECT 4.7uF 20% 50V	
C1602	1-128-809-11	CERAMIC 100PF 5% 50V	
C1603	1-102-233-00	CERAMIC 33PF 10% 500V	
C1604	1-128-809-11	CERAMIC 100PF 5% 50V	
C1605	1-107-583-11	CERAMIC 3PF 0.25PF 500V	
C1606	1-104-658-11	ELECT 100uF 20% 10V	
C1607	1-126-947-11	ELECT 47uF 20% 35V	
C1608	1-162-815-11	CERAMIC 47PF 5% 500V	
C1609	1-162-815-11	CERAMIC 47PF 5% 500V	
C1610	1-128-813-11	CERAMIC 220PF 5% 50V	
C1611	1-136-157-00	FILM 0.022uF 5% 50V	
C1612	1-127-876-11	CERAMIC 0.01uF 10% 50V	
C1613	1-126-964-11	ELECT 10uF 20% 50V	
C1651	1-126-963-11	ELECT 4.7uF 20% 50V	
C1652	1-128-809-11	CERAMIC 100PF 5% 50V	
C1653	1-102-233-00	CERAMIC 33PF 10% 500V	
C1654	1-128-809-11	CERAMIC 100PF 5% 50V	
C1655	1-107-583-11	CERAMIC 3PF 0.25PF 500V	
C1656	1-104-658-11	ELECT 100uF 20% 10V	
C1657	1-126-947-11	ELECT 47uF 20% 35V	
C1658	1-162-815-11	CERAMIC 47PF 5% 500V	
C1659	1-162-815-11	CERAMIC 47PF 5% 500V	
C1660	1-128-813-11	CERAMIC 220PF 5% 50V	
C1661	1-136-157-00	FILM 0.022uF 5% 50V	
C1662	1-127-876-11	CERAMIC 0.01uF 10% 50V	
C1663	1-126-964-11	ELECT 10uF 20% 50V	
< CONNECTOR >			
* CNP572	1-564-241-11	PIN, CONNECTOR (3.96mm PITCH) 4P	
< DIODE >			
D1600	8-719-991-33	DIODE 1SS133T-77	
D1601	8-719-991-33	DIODE 1SS133T-77	
D1650	8-719-991-33	DIODE 1SS133T-77	
D1651	8-719-991-33	DIODE 1SS133T-77	
< IC >			
IC700	6-700-943-01	IC uPC2581V-S	
< TRANSISTOR >			
Q1603	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q1604	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q1605	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q1653	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q1654	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q1655	8-729-281-53	TRANSISTOR 2SC1815-GR	
< RESISTOR >			
R1600	1-247-863-11	CARBON 22K 5% 1/4W	
R1601	1-247-831-11	CARBON 1K 5% 1/4W	
R1602	1-249-439-11	CARBON 68K 5% 1/4W	
R1603	1-249-439-11	CARBON 68K 5% 1/4W	

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SURRE BACK

S-VIDEO

TUNING

Ref. No.	Part No.	Description	Remark		
R1604	1-249-421-11	CARBON	2.2K	5%	1/4W
R1605	1-247-847-11	CARBON	4.7K	5%	1/4W
R1606	1-249-428-11	CARBON	8.2K	5%	1/4W
R1607	1-247-831-11	CARBON	1K	5%	1/4W
R1608	1-249-399-11	CARBON	33	5%	1/4W
R1609	1-249-399-11	CARBON	33	5%	1/4W
R1610	1-234-182-11	ENCAPSULATED COMPONENT	0.22X2	5W	
R1611	1-240-855-81	CARBON	6.2K	5%	1/4W
R1612	1-247-847-11	CARBON	4.7K	5%	1/4W
R1613	1-249-419-11	CARBON	1.5K	5%	1/4W
R1614	1-249-439-11	CARBON	68K	5%	1/4W
R1615	1-249-393-11	CARBON	10	5%	1/4W
R1616	1-247-871-11	CARBON	47K	5%	1/4W
R1617	1-249-431-11	CARBON	15K	5%	1/4W
R1618	1-247-863-11	CARBON	22K	5%	1/4W
R1619	1-249-431-11	CARBON	15K	5%	1/4W
R1620	1-249-431-11	CARBON	15K	5%	1/4W
R1621	1-247-871-11	CARBON	47K	5%	1/4W
R1622	1-247-863-11	CARBON	22K	5%	1/4W
R1651	1-247-831-11	CARBON	1K	5%	1/4W
R1652	1-249-439-11	CARBON	68K	5%	1/4W
R1653	1-249-439-11	CARBON	68K	5%	1/4W
R1654	1-249-421-11	CARBON	2.2K	5%	1/4W
R1655	1-247-847-11	CARBON	4.7K	5%	1/4W
R1656	1-249-428-11	CARBON	8.2K	5%	1/4W
R1657	1-247-831-11	CARBON	1K	5%	1/4W
R1658	1-249-399-11	CARBON	33	5%	1/4W
R1659	1-249-399-11	CARBON	33	5%	1/4W
R1660	1-234-182-11	ENCAPSULATED COMPONENT	0.22X2	5W	
R1661	1-240-855-81	CARBON	6.2K	5%	1/4W
R1662	1-247-847-11	CARBON	4.7K	5%	1/4W
R1663	1-249-419-11	CARBON	1.5K	5%	1/4W
R1664	1-249-439-11	CARBON	68K	5%	1/4W
R1665	1-249-393-11	CARBON	10	5%	1/4W
R1666	1-247-871-11	CARBON	47K	5%	1/4W
R1667	1-249-431-11	CARBON	15K	5%	1/4W
R1668	1-247-863-11	CARBON	22K	5%	1/4W
R1669	1-249-431-11	CARBON	15K	5%	1/4W
R1670	1-249-431-11	CARBON	15K	5%	1/4W
R1671	1-247-871-11	CARBON	47K	5%	1/4W
R1672	1-247-863-11	CARBON	22K	5%	1/4W

1-862-139-11 S-VIDEO BOARD

< CAPACITOR >

C251	1-126-947-11	ELECT	47uF	20%	35V
C252	1-164-159-11	CERAMIC	0.1uF		50V
C253	1-164-159-11	CERAMIC	0.1uF		50V
C254	1-126-947-11	ELECT	47uF	20%	35V
C255	1-164-159-11	CERAMIC	0.1uF		50V
C256	1-164-159-11	CERAMIC	0.1uF		50V
C257	1-128-817-11	CERAMIC	470PF	5%	50V
C258	1-128-805-11	CERAMIC	47PF	5%	50V
C259	1-128-805-11	CERAMIC	47PF	5%	50V
C260	1-126-964-11	ELECT	10uF	20%	50V
C261	1-164-159-11	CERAMIC	0.1uF		50V

Ref. No.	Part No.	Description	Remark		
C262	1-126-964-11	ELECT	10uF	20%	50V
C263	1-164-159-11	CERAMIC	0.1uF		50V
C265	1-128-805-11	CERAMIC	47PF	5%	50V
C266	1-128-805-11	CERAMIC	47PF	5%	50V
C267	1-128-817-11	CERAMIC	470PF	5%	50V
C268	1-126-964-11	ELECT	10uF	20%	50V
C269	1-164-159-11	CERAMIC	0.1uF		50V
C272	1-164-159-11	CERAMIC	0.1uF		50V
C275	1-128-817-11	CERAMIC	470PF	5%	50V

< CONNECTOR >

CNS252 1-568-442-11 SOCKET, CONNECTOR 9P

< DIODE >

D251 8-719-991-33 DIODE 1SS133T-77

D252 8-719-991-33 DIODE 1SS133T-77

< IC >

IC251 6-701-890-01 IC NJM2595D

IC252 6-701-890-01 IC NJM2595D

< JACK >

J251 1-537-943-11 CONNECTOR (DIN) 1P (MONITOR S-VIDEO OUT)

J252 1-794-937-11 CONNECTOR (DIN) 2P (DVD S-VIDEO IN, VIDEO 2 S-VIDEO IN)

J253 1-794-937-11 CONNECTOR (DIN) 2P (VIDEO 1 S-VIDEO OUT/IN)

J254 1-563-330-11 JACK (CTRL A1 II) (EXCEPT AEP,UK)

< RESISTOR >

R206	1-247-804-11	CARBON	75	5%	1/4W
R251	1-247-804-11	CARBON	75	5%	1/4W
R252	1-247-804-11	CARBON	75	5%	1/4W
R253	1-247-804-11	CARBON	75	5%	1/4W
R254	1-247-804-11	CARBON	75	5%	1/4W

R255	1-247-804-11	CARBON	75	5%	1/4W
R257	1-247-804-11	CARBON	75	5%	1/4W
R258	1-247-804-11	CARBON	75	5%	1/4W
R259	1-247-804-11	CARBON	75	5%	1/4W
R260	1-247-804-11	CARBON	75	5%	1/4W

1-861-056-11 TUNING BOARD

< RESISTOR >

R134	1-249-415-11	CARBON	680	5%	1/4W
R135	1-247-831-11	CARBON	1K	5%	1/4W
R136	1-249-419-11	CARBON	1.5K	5%	1/4W
R137	1-249-421-11	CARBON	2.2K	5%	1/4W
R138	1-247-847-11	CARBON	4.7K	5%	1/4W

< SWITCH >

S136	1-771-410-21	SWITCH, TACTILE (TUNING -)			
S137	1-771-410-21	SWITCH, TACTILE (FM MODE)			
S138	1-771-410-21	SWITCH, TACTILE (MEMORY)			
S139	1-771-410-21	SWITCH, TACTILE (PRESET TUNING -)			
S140	1-771-410-21	SWITCH, TACTILE (PRESET TUNING +)			

S141 1-771-410-21 SWITCH, TACTILE (TUNING +)

VIDEO

Ref. No.	Part No.	Description	Remark		
	A-4752-720-A	VIDEO BOARD, COMPLETE (US,CND)			
	A-4752-778-A	VIDEO BOARD, COMPLETE (AEP,UK)			
	A-4752-785-A	VIDEO BOARD, COMPLETE (AUS,SP,MY)			

< CAPACITOR >					
C200	1-128-805-11	CERAMIC	47PF	5%	50V
C201	1-128-805-11	CERAMIC	47PF	5%	50V
C206	1-126-964-11	ELECT	10uF	20%	50V
C207	1-126-964-11	ELECT	10uF	20%	50V
C208	1-126-964-11	ELECT	10uF	20%	50V
C209	1-126-964-11	ELECT	10uF	20%	50V
C210	1-126-964-11	ELECT	10uF	20%	50V
C213	1-126-923-11	ELECT	220uF	20%	10V
C214	1-164-159-11	CERAMIC	0.1uF		50V
C215	1-164-159-11	CERAMIC	0.1uF		50V
C220	1-126-947-11	ELECT	47uF	20%	35V
C221	1-126-923-11	ELECT	220uF	20%	10V
C223	1-164-159-11	CERAMIC	0.1uF		50V
C224	1-164-159-11	CERAMIC	0.1uF		50V
C248	1-128-825-11	CERAMIC	0.0022uF	5%	50V
C308	1-126-964-11	ELECT	10uF	20%	50V (EXCEPT AEP,UK)
C309	1-126-964-11	ELECT	10uF	20%	50V (EXCEPT AEP,UK)
C310	1-126-964-11	ELECT	10uF	20%	50V (EXCEPT AEP,UK)
C311	1-126-964-11	ELECT	10uF	20%	50V (EXCEPT AEP,UK)
C312	1-126-964-11	ELECT	10uF	20%	50V (EXCEPT AEP,UK)
C313	1-126-964-11	ELECT	10uF	20%	50V (EXCEPT AEP,UK)
C316	1-128-825-11	CERAMIC	0.0022uF	5%	50V
C317	1-126-947-11	ELECT	47uF	20%	35V (EXCEPT AEP,UK)
C329	1-164-159-11	CERAMIC	0.1uF		50V (EXCEPT AEP,UK)
C330	1-164-159-11	CERAMIC	0.1uF		50V (EXCEPT AEP,UK)
C331	1-164-159-11	CERAMIC	0.1uF		50V (EXCEPT AEP,UK)
C332	1-164-159-11	CERAMIC	0.1uF		50V (EXCEPT AEP,UK)
C338	1-126-947-11	ELECT	47uF	20%	35V (EXCEPT AEP,UK)
< CONNECTOR >					
* CNP202	1-564-705-11	PIN, CONNECTOR (SMALL TYPE) 3P			
CNP203	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
CNS201	1-568-442-11	SOCKET, CONNECTOR 9P			
CNS250	1-568-439-11	SOCKET, CONNECTOR 7P			
< DIODE >					
D203	8-719-991-33	DIODE 1SS133T-77			
D204	8-719-991-33	DIODE 1SS133T-77			
< IC >					
IC203	6-701-890-01	IC NJM2595D			
IC301	8-759-231-66	IC TC74HC4053AP (EXCEPT AEP,UK)			

Ref. No.	Part No.	Description	Remark		
IC302	6-701-891-01	IC NJM2581D (EXCEPT AEP,UK)			
IC804	8-759-701-65	IC NJM79M05FA			
IC807	8-759-231-53	IC TA7805S			
< JACK >					
J200	1-794-978-11	JACK, PIN 3P (DVD VIDEO IN, VIDEO 2 VIDEO IN,VIDEO 1 VIDEO OUT)			
J201	1-815-043-11	JACK, PIN 2P (VIDEO 1 VIDEO IN,MONITOR VIDEO OUT)			
J301	1-816-592-11	JACK, PIN 9P (COMPONENT VIDEO DVD IN,VIDEO 2 IN,MONITOR OUT) (EXCEPT AEP,UK)			
< TRANSISTOR >					
Q301	8-729-116-02	TRANSISTOR BA1A4M-TP (EXCEPT AEP,UK)			
< RESISTOR >					
R200	1-247-804-11	CARBON	75	5%	1/4W
R201	1-247-804-11	CARBON	75	5%	1/4W
R218	1-247-804-11	CARBON	75	5%	1/4W
R219	1-247-804-11	CARBON	75	5%	1/4W
R220	1-247-804-11	CARBON	75	5%	1/4W
R221	1-247-804-11	CARBON	75	5%	1/4W
R301	1-247-804-11	CARBON	75	5%	1/4W (EXCEPT AEP,UK)
R302	1-247-804-11	CARBON	75	5%	1/4W (EXCEPT AEP,UK)
R303	1-247-804-11	CARBON	75	5%	1/4W (EXCEPT AEP,UK)
R304	1-247-804-11	CARBON	75	5%	1/4W (EXCEPT AEP,UK)
R305	1-247-804-11	CARBON	75	5%	1/4W (EXCEPT AEP,UK)
R306	1-247-804-11	CARBON	75	5%	1/4W (EXCEPT AEP,UK)
R307	1-247-804-11	CARBON	75	5%	1/4W (EXCEPT AEP,UK)
R308	1-247-804-11	CARBON	75	5%	1/4W (EXCEPT AEP,UK)
R309	1-247-804-11	CARBON	75	5%	1/4W (EXCEPT AEP,UK)
R310	1-247-831-11	CARBON	1K	5%	1/4W (EXCEPT AEP,UK)
R311	1-247-831-11	CARBON	1K	5%	1/4W (EXCEPT AEP,UK)
R312	1-247-831-11	CARBON	1K	5%	1/4W (EXCEPT AEP,UK)
R313	1-247-863-11	CARBON	22K	5%	1/4W (EXCEPT AEP,UK)
R325	1-249-429-11	CARBON	10K	5%	1/4W (EXCEPT AEP,UK)
R347	1-247-807-31	CARBON	100	5%	1/4W (EXCEPT AEP,UK)

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		VIDEO3 BOARD *****				MISCELLANEOUS *****	
		< CAPACITOR >					
C293	1-164-159-11	CERAMIC	0.1uF	58	1-773-150-11	WIRE (FLAT TYPE) (21 CORE)	
C294	1-164-159-11	CERAMIC	0.1uF	102	1-769-937-11	WIRE (FLAT TYPE) (11 CORE) (EXCEPT AEP,UK)	
		< CONNECTOR >		102	1-773-001-11	WIRE (FLAT TYPE) (15 CORE) (AEP,UK)	
CN201	1-784-922-11	PIN, CONNECTOR 5P		103	1-769-879-11	WIRE (FLAT TYPE) (7 CORE)	
		< JACK >		106	1-769-905-11	WIRE (FLAT TYPE) (9 CORE)	
J298	1-815-684-11	JACK, PIN 3P (VIDEO 3 INPUT VIDEO,AUDIO L/R) (SILVER)...(BLACK,SILVER)	50V	△ 108	1-696-847-22	CORD, POWER (AUS)	
J298	1-817-374-11	JACK, PIN 3P (VIDEO 3 INPUT VIDEO,AUDIO L/R) (GOLD)...(GOLD)	50V	△ 108	1-777-071-23	CORD, POWER (AEP,UK,SP,MY)	
		< RESISTOR >		△ 108	1-783-820-11	CORD, POWER (US,CND)	
R298	1-247-831-11	CARBON	1K	△ F901	1-533-454-12	FUSE, GLASS TUBE (DIA.5) (6.3A/125V) (US,CND)	
R299	1-247-831-11	CARBON	1K	△ F901	1-532-464-32	FUSE (T2.5AL/250V) (EXCEPT US,CND)	
		< LEAD WIRE >		△ F902	1-533-453-12	FUSE, GLASS TUBE (DIA.5) (5A/125V) (US,CND)	
* W290	1-690-880-31	LEAD (WITH CONNECTOR)		△ F902	1-532-464-32	FUSE (T2.5AL/250V) (EXCEPT US,CND)	
*****				Q503	8-749-010-25	TRANSISTOR MN2488-OPY-M	
				Q504	8-749-010-26	TRANSISTOR MP1620-OPY-M	
				Q603	8-749-010-25	TRANSISTOR MN2488-OPY-M	
				Q604	8-749-010-26	TRANSISTOR MP1620-OPY-M	
				Q653	8-749-010-25	TRANSISTOR MN2488-OPY-M	
				Q654	8-749-010-26	TRANSISTOR MP1620-OPY-M	
				Q703	8-749-010-25	TRANSISTOR MN2488-OPY-M	
				Q704	8-749-010-26	TRANSISTOR MP1620-OPY-M	
				Q753	8-749-010-25	TRANSISTOR MN2488-OPY-M	
				Q754	8-749-010-26	TRANSISTOR MP1620-OPY-M	
				Q1600	8-729-026-08	TRANSISTOR 2SC4495	
				Q1601	8-749-010-25	TRANSISTOR MN2488-OPY-M	
				Q1602	8-749-010-26	TRANSISTOR MP1620-OPY-M	
				Q1650	8-729-026-08	TRANSISTOR 2SC4495	
				Q1651	8-749-010-25	TRANSISTOR MN2488-OPY-M	
				Q1652	8-749-010-26	TRANSISTOR MP1620-OPY-M	
				△ T901	1-439-550-11	TRANSFORMER, POWER (EXCEPT US,CND)	
				△ T901	1-439-611-11	TRANSFORMER, POWER (US,CND)	
				TN1	1-693-577-21	TUNER PACK (ANTENNA) (US,CND)	
				TN1	1-693-578-13	TUNER PACK (ANTENNA) (AEP,UK)	
				TN1	1-693-580-24	TUNER PACK (ANTENNA) (AUS,SP,MY)	
*****				*****			

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

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

Ref. No.	Part No.	Description	Remark
		ACCESSORIES	

	1-477-785-31	COMMANDER, STANDARD (RM-U307)	
		(EXCEPT US,CND)	
	1-478-633-11	COMMANDER, STANDARD (RM-PP413)	
		(US,CND)	
	1-501-374-12	ANTENNA, LOOP (AM)	
	1-501-807-12	ANTENNA (FM) (EXCEPT US,CND)	
⚠	1-770-019-51	ADAPTOR, CONVERSION PLUG (UK)	
	1-793-184-23	CONNECTOR (F TYPE ADAPTOR) (FM)	
		(US,CND)	
	3-071-119-01	COVER, BATTERY (for RM-PP413) (US,CND)	
	4-228-696-01	COVER, BATTERY (for RM-U307)	
		(EXCEPT US,CND)	
	4-252-272-11	MANUAL, INSTRUCTION (ENGLISH) (US,CND)	
	4-252-272-21	MANUAL, INSTRUCTION (FRENCH) (CND)	
	4-252-272-31	MANUAL, INSTRUCTION (ENGLISH)	
		(EXCEPT US,CND)	
	4-252-272-41	MANUAL, INSTRUCTION (FRENCH)	
		(AEP,SP,MY)	
	4-252-272-51	MANUAL, INSTRUCTION (SPANISH)	
		(AEP,SP,MY)	
	4-252-272-61	MANUAL, INSTRUCTION (GERMAN,DUTCH,	
		SWEDISH) (AEP)	
	4-252-272-71	MANUAL, INSTRUCTION (ITALIAN,POLISH)	
		(AEP)	
	4-252-272-81	MANUAL, INSTRUCTION	
		(TRADITIONAL CHINESE)	
		(SP,MY)	
	4-255-414-11	MANUAL, INSTRUCTION (DANISH,FINNISH)	
		(AEP)	
	4-255-414-21	MANUAL, INSTRUCTION (PORTUGUESE) (AEP)	

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.
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MEMO

REVISION HISTORY

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Also, clicking the version at the upper on the revised page allows you to jump to the next revised page.

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