

STR-DE495/DE595

SERVICE MANUAL

Ver 1.1 2003. 04

US Model
Canadian Model
STR-DE595

AEP Model

UK Model

E Model

Australian Model

Korean Model

STR-DE495/DE595



Photo: STR-DE595

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SPECIFICATIONS

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 8 ohm loads, both channels driven, from 40 – 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 (STR-DE595 area code US only).

Amplifier section

POWER OUTPUT

Models of area code US, CND

Rated Power Output at Stereo Mode
(8 ohms 40 Hz – 20 kHz, THD 0.09 %)

STR-DE595: 90 W + 90 W

STR-DE495: 70 W + 70 W

Reference Power Output

(8 ohms 40 Hz – 20 kHz, THD 0.09 %)

STR-DE595: FRONT¹⁾: 90 W/ch
CENTER¹⁾: 90 W

SURR¹⁾: 90 W/ch

STR-DE495: FRONT¹⁾: 70 W/ch
CENTER¹⁾: 70 W

SURR¹⁾: 70 W/ch

(8 ohms 1 kHz, THD 0.7 %)

STR-DE595: FRONT¹⁾: 100 W/ch
CENTER¹⁾: 100 W

SURR¹⁾: 100 W/ch

STR-DE495: FRONT¹⁾: 80 W/ch

CENTER¹⁾: 80 W

SURR¹⁾: 80 W/ch

Models of area code AEP, UK

Rated Power Output at Stereo Mode

(8 ohms 1 kHz, THD 0.7 %)

STR-DE595: 100 W + 100 W²⁾

STR-DE495: 80 W + 80 W²⁾

Reference Power Output²⁾

(8 ohms 1 kHz, THD 0.7 %)

STR-DE595: FRONT¹⁾: 100 W/ch

CENTER¹⁾: 100 W

SURR¹⁾: 100 W/ch

STR-DE495: FRONT¹⁾: 80 W/ch

CENTER¹⁾: 80 W

SURR¹⁾: 80 W/ch

Models of area code SP

Rated Power Output at Stereo Mode

(8 ohms 1 kHz, THD 0.7 %)

STR-DE595: 90 W + 90 W²⁾

STR-DE495: 70 W + 70 W²⁾

Reference Power Output²⁾

(8 ohms 1 kHz, THD 10 %)

STR-DE595: FRONT¹⁾: 110 W/ch

CENTER¹⁾: 110 W

SURR¹⁾: 110 W/ch

STR-DE495: FRONT¹⁾: 90 W/ch

CENTER¹⁾: 90 W

SURR¹⁾: 90 W/ch

Models of area code KR

Rated Power Output at Stereo Mode

(8 ohms 1 kHz, THD 0.7 %)

STR-DE595: 100 W + 100 W²⁾

90 W + 90 W³⁾

STR-DE495: 80 W + 80 W²⁾

70 W + 70 W³⁾

Reference Power Output²⁾

(8 ohms 1 kHz, THD 10 %)

STR-DE595: FRONT¹⁾: 120 W/ch

CENTER¹⁾: 120 W

SURR¹⁾: 120 W/ch

STR-DE495: FRONT¹⁾: 100 W/ch

CENTER¹⁾: 100 W

SURR¹⁾: 100 W/ch

Models of other area code

Rated Power Output at Stereo Mode

(8 ohms 1 kHz, THD 0.7 %)

STR-DE595: 100 W + 100 W²⁾

STR-DE495: 80 W + 80 W²⁾

Reference Power Output²⁾

(8 ohms 1 kHz, THD 10 %)

STR-DE595: FRONT¹⁾: 120 W/ch

CENTER¹⁾: 120 W

SURR¹⁾: 120 W/ch

STR-DE495: FRONT¹⁾: 100 W/ch

CENTER¹⁾: 100 W

SURR¹⁾: 100 W/ch

– Continued on next page –

FM STEREO/FM-AM RECEIVER

9-877-028-02

2003D0400-1

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Home Audio Company

Published by Sony Engineering Corporation

SONY®

STR-DE495/DE595

Ver 1.1

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

- 2) Measured under the following conditions:

Area code	Power requirements
E2, AUS	240 V AC, 50 Hz
SP, MY, AEP, UK, AR,	230 V AC, 50 Hz
KR	
TW	110 V AC, 60 Hz

Frequency response

MULTI CH IN (STR-DE595 only), CD (STR-DE495 only), MD/TAPE, DVD, VIDEO 1, 2	10 Hz – 50 kHz +0.5/-2 dB (with sound field and tone bypassed)
CD/SACD (STR-DE595 only)	10 Hz – 70 kHz +0.5/-2 dB (with sound field and tone bypassed)

Inputs (Analog)

MULTI CH IN (STR-DE595 only), CD/ SACD (STR-DE595 only), CD (STR-DE495 only), MD/TAPE, DVD, VIDEO 1, 2	Sensitivity: 500 mV Impedance: 50 kilohms S/N ³⁾ : 96 dB (A, 500 mV ⁴⁾)
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- 3) INPUT SHORT (with sound field and tone bypassed).

- 4) Weighted network, input level.

Inputs (Digital)

DVD (Coaxial)	Sensitivity: – Impedance: 75 ohms S/N: 100 dB (A, 20 kHz LPF)
CD/SACD (Optical) (STR-DE595 only), VIDEO 2 (Optical)	Sensitivity: – Impedance: – S/N: 100 dB (A, 20 kHz LPF)

Outputs

MD/TAPE (OUT), VIDEO1 (AUDIO OUT)	Voltage: 500 mV Impedance: 10 kilohms
SUB WOOFER	Voltage: 2 V Impedance: 1 kilohms

Tone

- Gain levels: ±6 dB, 1 dB step

FM tuner section

Tuning range	87.5 - 108.0 MHz
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
Usable 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 – 1710 kHz⁵⁾
With 9-kHz tuning scale: 531 – 1710 kHz⁵⁾

- Models of area code E2
With 10-kHz tuning scale: 530 – 1610 kHz⁵⁾
With 9-kHz tuning scale: 531 – 1602 kHz⁵⁾

- Models of area code AUS, SP, AEP, UK, TW, KR
With 9-kHz tuning scale: 531 – 1602 kHz

- Models of area code MX, AR
With 10-kHz tuning scale: 530 – 1610 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. Hold down PRESET TUNING + and press $\text{V} \swarrow \text{\textcircled{D}}$. 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

Video:	1 Vp-p, 75 ohms
Component Video (STR-DE595 only, except for models of area code AEP, UK):	
Y:	1 Vp-p, 75 ohms
Pb/B-Y:	0.7 Vp-p, 75 ohms
Pr/R-Y:	0.7 Vp-p, 75 ohms

Outputs

Video:	1 Vp-p, 75 ohms
Component Video (STR-DE595 only, except for models of area code AEP, UK):	
Y:	1 Vp-p, 75 ohms
Pb/B-Y:	0.7 Vp-p, 75 ohms
Pr/R-Y:	0.7 Vp-p, 75 ohms

General

Power requirements

Area code	Power requirements
US, CND, MX	120 V AC, 60 Hz
AEP, UK	230 V AC, 50/60 Hz
SP, MY, KR, AR	220 – 230 V AC, 50/60 Hz
E2	120/220/240 V AC, 50/60 Hz
TW	110 V AC, 50/60 Hz
AUS	240 V AC, 50Hz

Power consumption

Area code	Power consumption
US, MX	STR-DE595: 210 W
CND	STR-DE595: 310 VA
AEP, UK, TW, KR	STR-DE595: 210 W
	STR-DE495: 180 W
SP, MY	STR-DE595: 180 W
AUS, E2, AR	STR-DE595: 210 W

Power consumption (during standby mode)

Dimensions	430 × 145 × 298 mm (16 7/8 × 5 6/8 × 11 6/8 in.) including projecting parts and controls
Mass (Approx.)	STR-DE595: 7.5 kg (16 lb 9 oz) STR-DE495: 7.2 kg (15 lb 14 oz)

Supplied accessories

- FM wire antenna (1)
AM loop antenna (1)
Remote commander RM-U306A (1)
R6 (size-AA) batteries (2)

Design and specifications are subject to change without notice.

• Abbreviation

CND	: Canadian model
AUS	: Australian model
MX	: Mexican model
SP	: Singapore model
E2	: AC 120 V area in E model
AR	: Argentine model
KR	: Korean model
TW	: Taiwan model

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer:

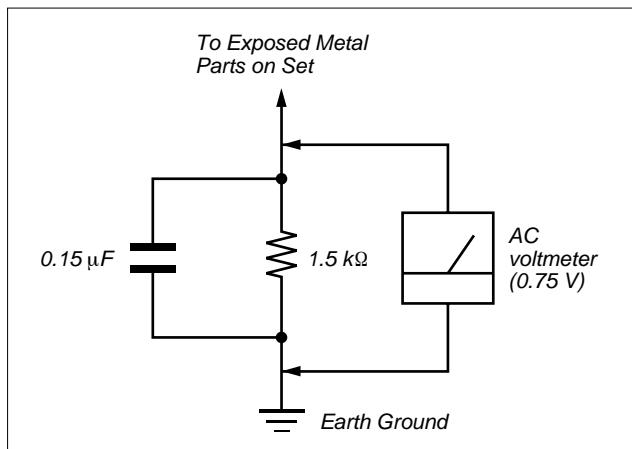
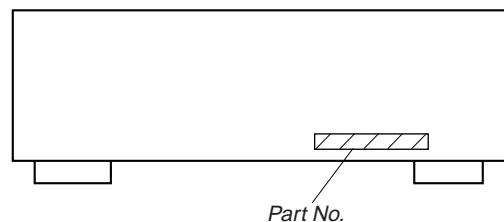
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage.

Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers.). 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)

**MODEL IDENTIFICATION**
— BACK PANEL —

MODEL	PART NO.
DE595: Korean	4-244-149-0□
DE595: Taiwan	4-244-149-1□
DE595: Argentine	4-244-149-4□
DE595: US	4-246-023-0□
DE595: Canadian	4-246-023-1□
DE595: Australian	4-246-023-2□
DE595: Singapore, Malaysia	4-246-023-3□
DE595: E2	4-246-023-4□
DE595: Mexican	4-246-023-5□
DE595: AEP	4-246-023-6□
DE595: UK	4-246-023-7□
DE495: AEP	4-246-034-1□
DE595: UK	4-246-034-2□
DE495: Singapore, Malaysia	4-246-034-3□
DE495: Taiwan	4-246-034-4□
DE495: Korean	4-246-034-5□
DE495: Australian	4-246-034-7□

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.

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SECTION 1

GENERAL

This section is extracted
from instruction manual.

List of Button Locations and Reference Pages

How to use this page

Use this page to find the location of buttons
that are mentioned in the text.

Illustration number
↓
DISPLAY [2] (22, 32, 43)
↑ ↑
Name of button/part Reference page

Main unit

ALPHABETICAL ORDER

A - L

- A.F.D. (button/indicator) [21] (23–25)
- CD (STR-DE495 only) [9] (21)
- CD/SACD (STR-DE595 only) [9] (21)
- DIMMER [3] (22)
- DISPLAY [2] (22, 32, 43)
- Display [11] (22)
- DVD [7] (21)
- ENTER [15] (34, 36)
- FM MODE [28] (30)
- INPUT MODE [13] (21)
- IR (receptor) [4] (37, 43)

M - O

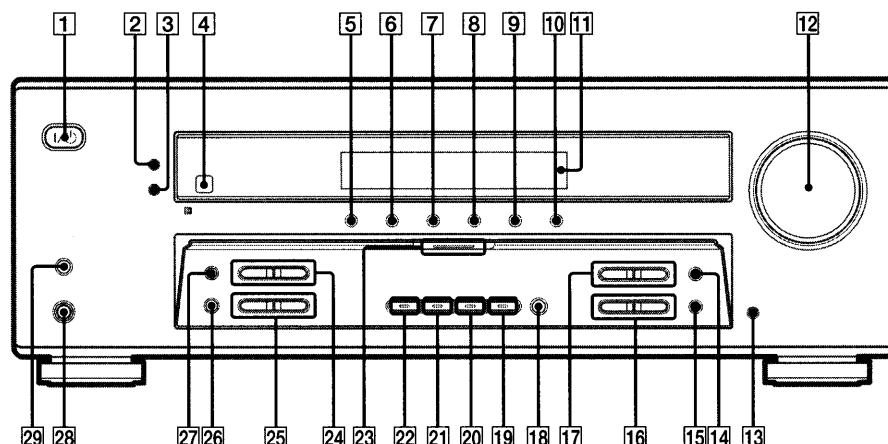
- MAIN MENU [14] (16, 27, 28, 34, 35, 47)
- MASTER VOLUME [12] (20, 21, 41)
- MD/TAPE [8] (21)
- MEMORY [27] (29, 31)
- MENU +/- [16] (16, 27, 28, 34, 35, 47)
- MENU </> [17] (16, 27, 28, 34, 35, 47)
- MOVIE (button/indicator) [20] (24, 42)
- MULTI CHANNEL DECODING (indicator) (STR-DE595 only) [23] (21)
- MULTI CH IN (STR-DE595 only) [18] (21)
- MUSIC (button/indicator) [19] (24, 25, 42)

P - Z

- PHONES (jack) [28] (22, 26, 42)
- PRESET TUNING +/- [24] (31, 46)
- SPEAKERS (OFF/A/B/A+B) (STR-DE595 only) [29] (13, 22, 41)
- TUNER FM/AM [10] (21, 30, 31, 34)
- TUNING +/- [25] (30)
- VIDEO 1 [5] (21)
- VIDEO 2 [6] (21)

NUMBERS AND SYMBOLS

- 2CH (button/indicator) [22] (23, 25, 28)
- I/Off (power) [1] (15, 20, 28, 29, 36, 46)



List of Button Locations and Reference Pages

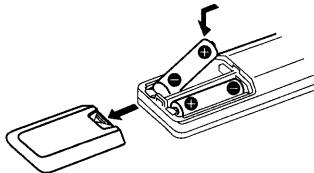
Operations Using the Remote RM-U306A

You can use the remote RM-U306A 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.



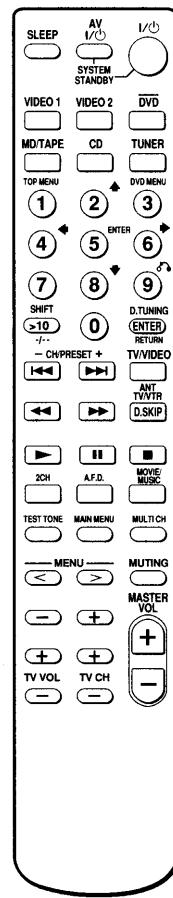
Tip

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-U306A

The tables below show the settings of each button.

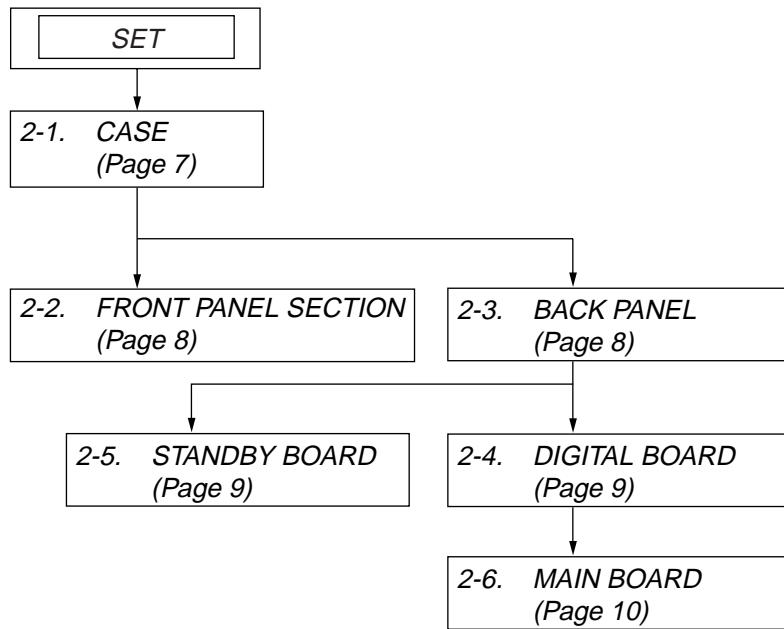
Remote Button	Operations	Function
SLEEP	Receiver	Activates the sleep function and the duration which the receiver turns off automatically.
I/Ø	Receiver	Turns the receiver on or off.

continued

37^{GB}

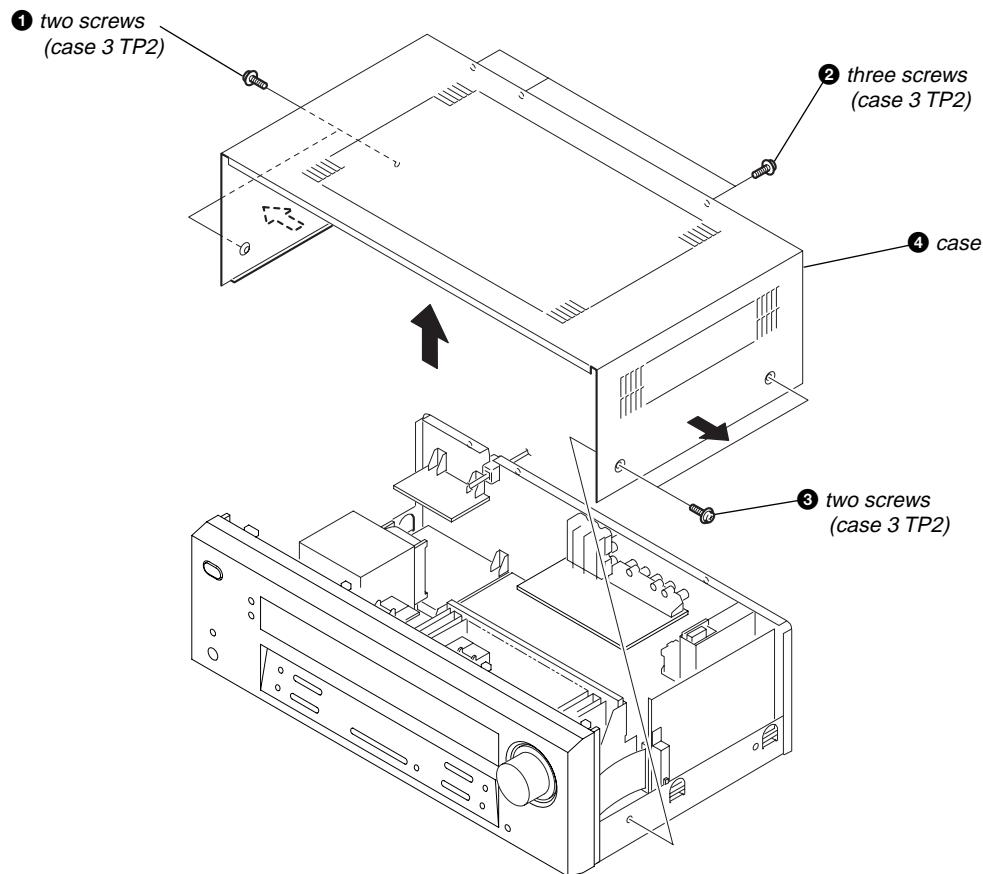
SECTION 2 DISASSEMBLY

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

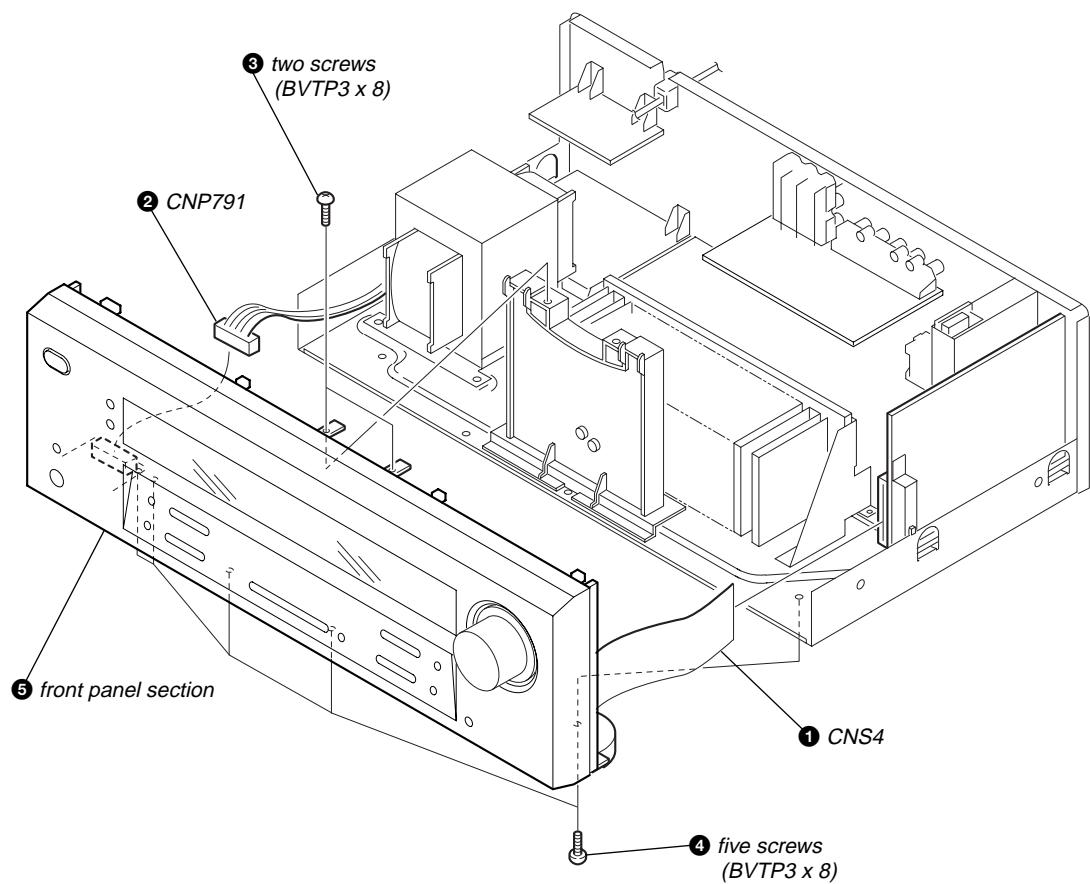


Note : Follow the disassembly procedure in the numerical order given.

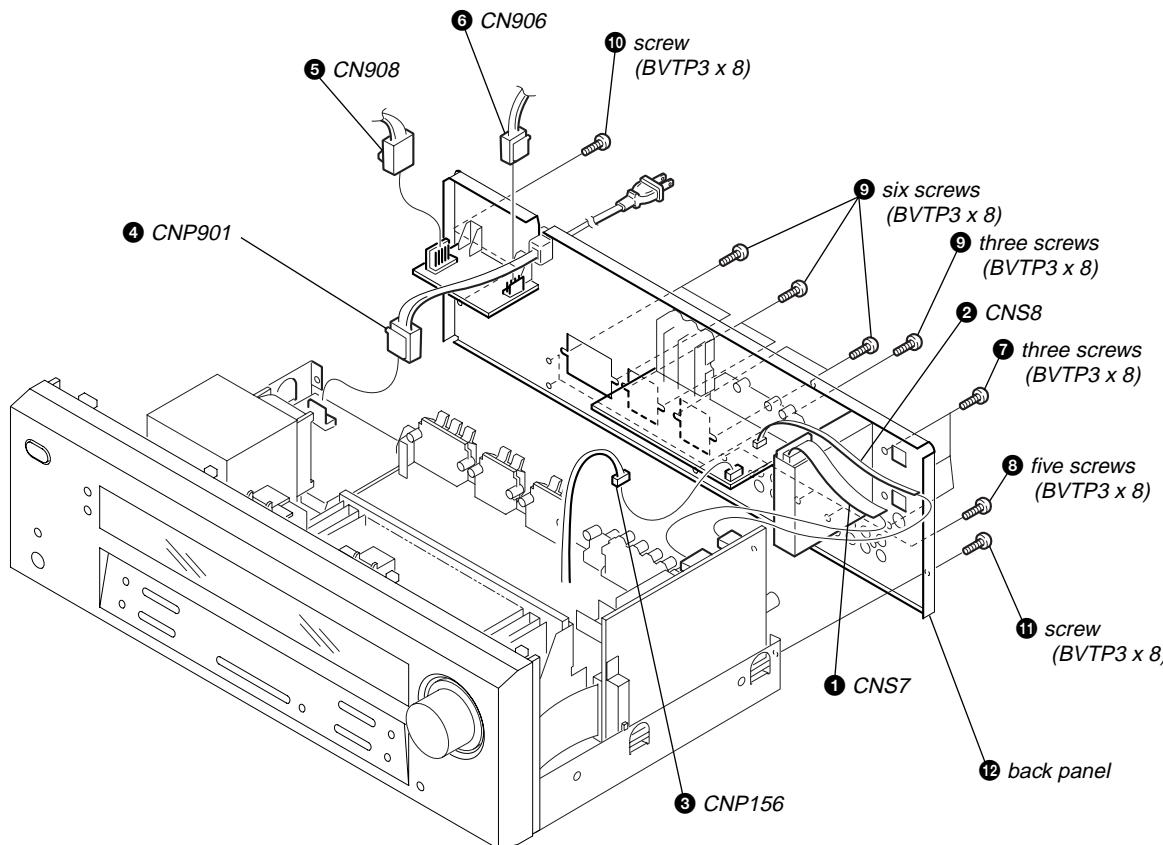
2-1. CASE



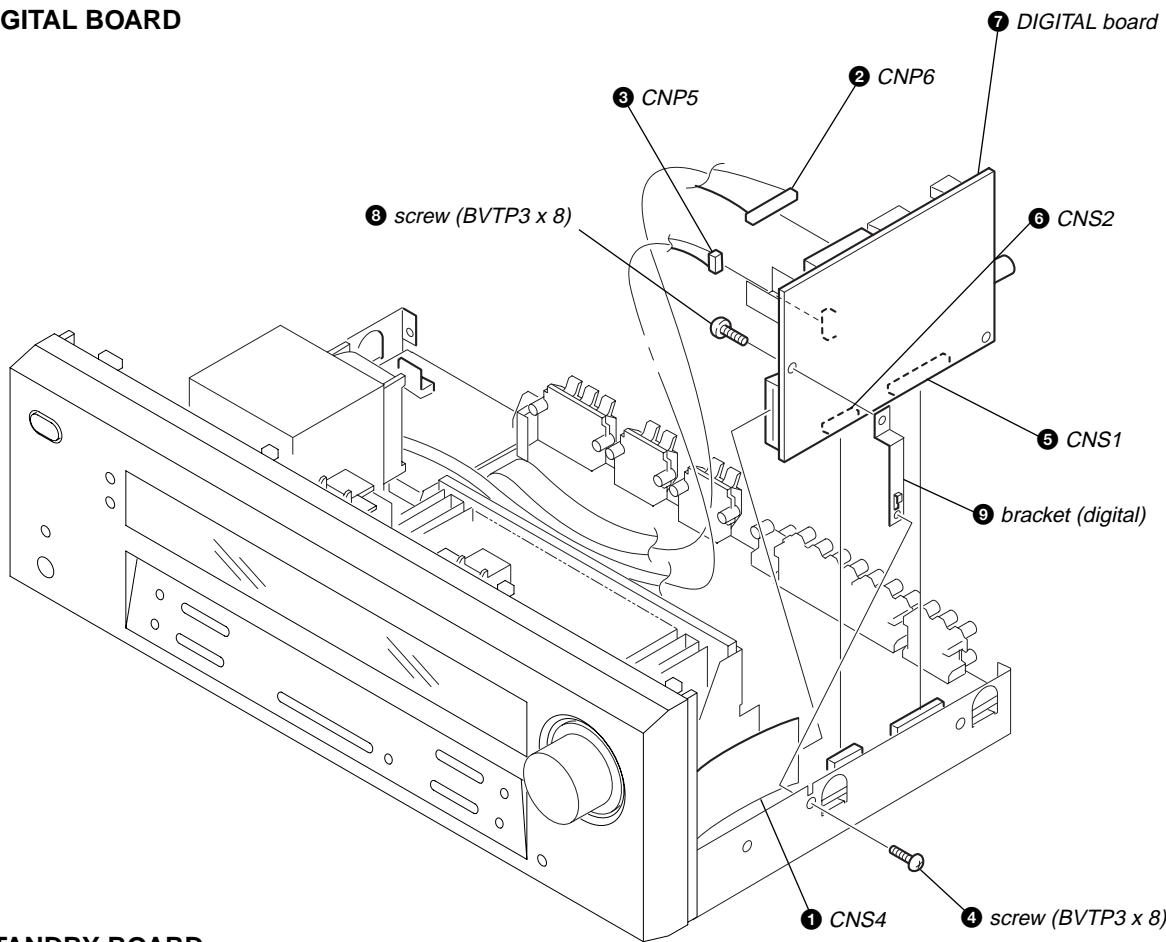
2-2. FRONT PANEL SECTION



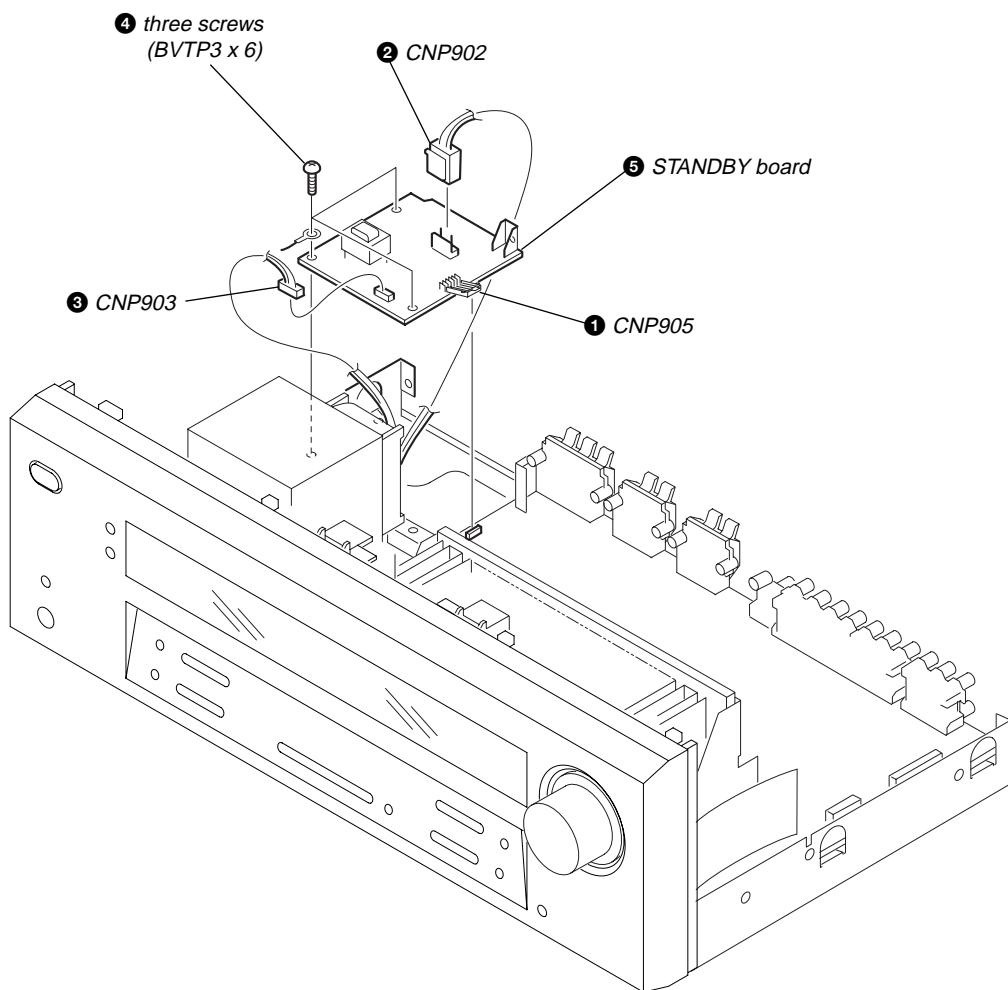
2-3. BACK PANEL



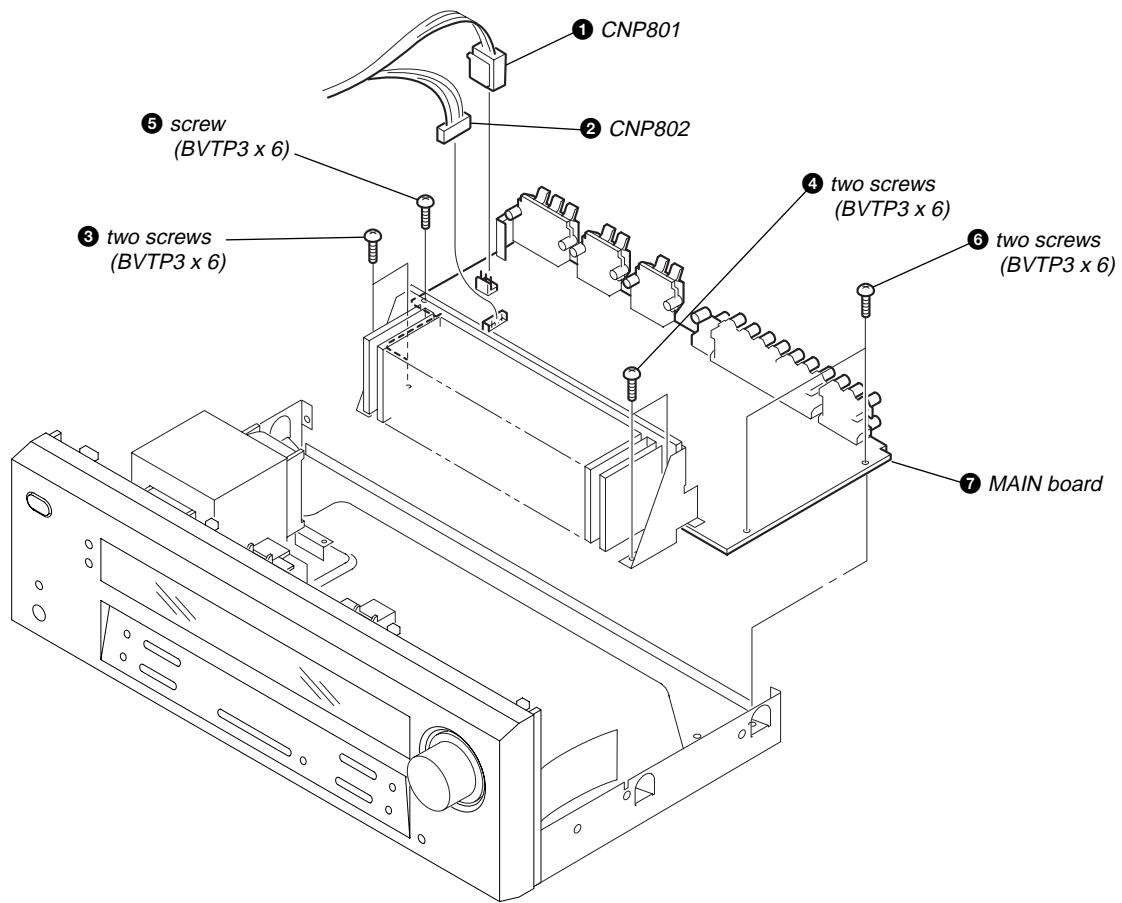
2-4. DIGITAL BOARD



2-5. STANDBY BOARD



2-6. MAIN 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 [PRESET TUNING -] buttons simultaneously, press the [I/O] 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, E 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/O] button to turn off the main power.

While depressing the [TUNING +] button or the [PRESET TUNING +] button, press the [I/O] 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 [MAIN MENU] button, press the [I/O] 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:

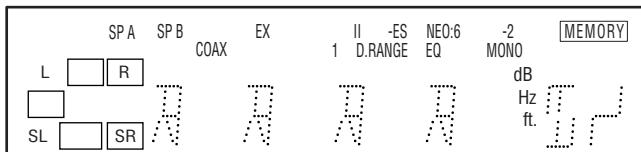
While depressing the [FM MODE] and the [MD/TAPE] buttons simultaneously, press the [I/O] button to turn on the main power.

1. ALL segments light on.



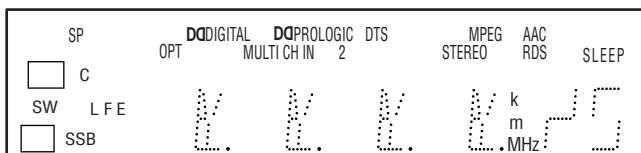
[2CH], [SURROUND], [MOVIE] and [MUSIC] LED light on.

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



[2CH] and [MOVIE] LED light on.

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



[SURROUND] and [MUSIC] LED light on.

4. Press the [VIDEO 1] button, all segments and all LEDs light on.

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], [DVD], [MD/TAPE], [CD] and [TUNER FM/AM] 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/O] 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 [FM MODE] and the [DVD] buttons simultaneously, press the [I/O] 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 [MUSIC] and the [TUNING -] buttons simultaneously, press the [I/O] button to turn on the main power. Either the message "REST 26" (STR-DE495) or "REST 27" (STR-DE595) appears.

Every pressing of any button other than the [I/O] counts down the buttons. The buttons which are already counted once are not counted again. When all buttons are pressed "REST 00" appears. When [MASTER VOLUME] control is rotated in clockwise direction, "VOL MIN", "VOL 1" to "VOL 73", "VOL MAX" appears for a moment.

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/O] 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/O] 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**• IC1201 CXD9617R (DSP) (DIGITAL Board (1/2))**

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	FS2	I	Not used (Connect to ground)
5	VDDI	I	Power supply pin (+2.6 V)
6	FS1	I	Not used (Connect to ground)
7	PLOCK	O	Not used (Open)
8	VSS	—	Ground
9	MCLK1	I	Clock signal input (13.59 MHz)
10	VDDI	I	Power supply pin (+2.6 V)
11	VSS	—	Ground
12	MCLK2	O	Clock signal output (13.59 MHz)
13	MS	I	Not used (Connect to ground)
14	SCKOUT	O	Internal system clock signal output for CODEC IC
15	LRCKI1	I	Not used (Open)
16	VDDE	I	Power supply pin (+3.3 V)
17	BCKI1	I	Not used (Open)
18	SDI1	I	Audio IF data input from CODEC IC
19	LRCKO	O	Sampling clock signal output for CODEC IC
20	BCKO	O	Bit clock signal output for CODEC 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 CODEC IC
26	SDO4	O	Not used (Open)
27	SPDIF	O	Not used (Open)
28	LRCKI2	I	Sampling clock signal input from DIR IC
29	BCKI2	I	Bit clock signal input from DIR 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	HDOOUT	O	Serial data output for SYSTEM CONTROL IC
36	HCS	I	Chip select signal input from SYSTEM CONTROL IC
37	SDCLK	O	Not used (Open)
38	CLKEN	O	Not used (Open)
39	RAS	O	Not used (Open)
40	VDDI	I	Power supply pin (+2.6 V)
41	VSS	—	Ground
42	CAS	O	Not used (Open)
43	DQM/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)

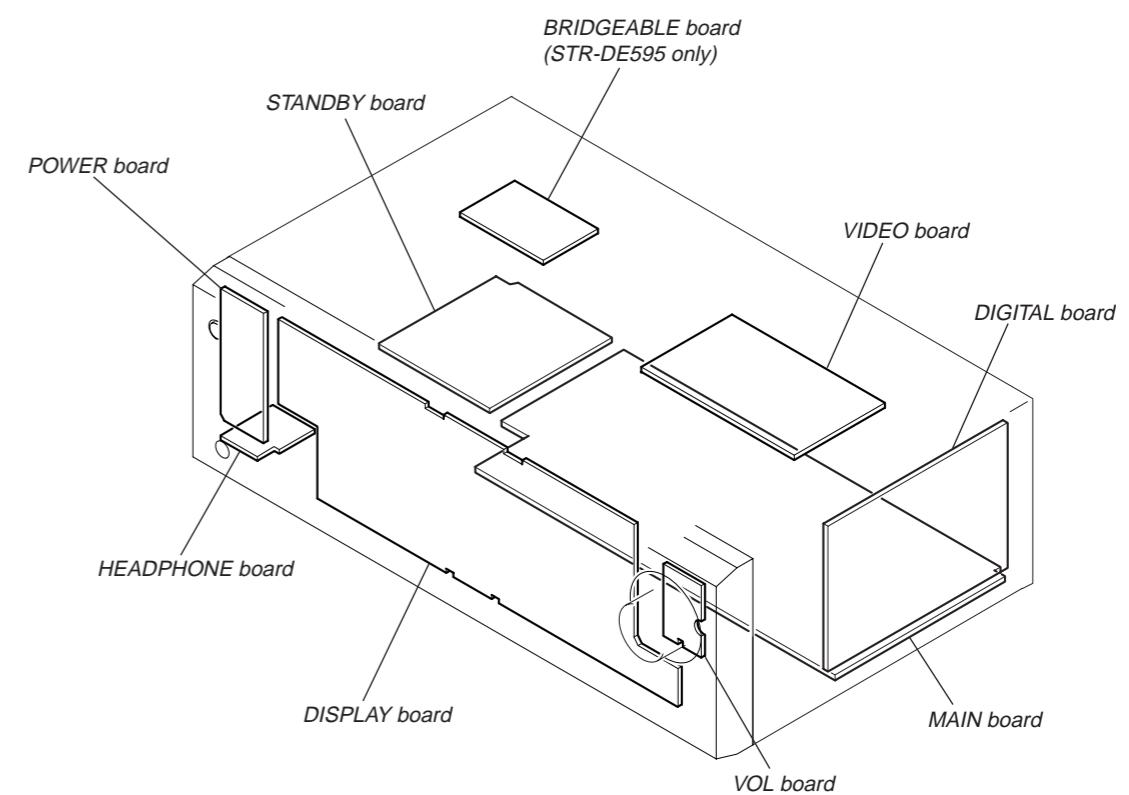
Pin No.	Pin Name	I/O	Pin Description
55	BTACT	O	Not used (Open)
56	BST	I	Boot stop signal input from SYSTEM CONTROL IC
57	MOD1	I	Operation mode signal input (L: 386fs, H: 256fs) (Fixed at H)
58	MOD0	I	Operation mode signal input (L: single chip mode, H: use prohibited) (Fixed at L)
59	EXLOCK	I	Error 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	Connect to LRCKO
68	GP9	O	Decode 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 (Open)
87	TMS	I	Not used (Open)
88	XTRST	I	Not used (Open)
89	TCK	I	Not used (Open)
90	TDI	I	Not used (Open)
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 to 119	VSS	—	Ground
120	VDDI	I	Power supply pin (+2.6 V)

• IC1601 MB9047BPF-G-138-BND (SYSTEM CONTROL) (DIGITAL Board (2/2))

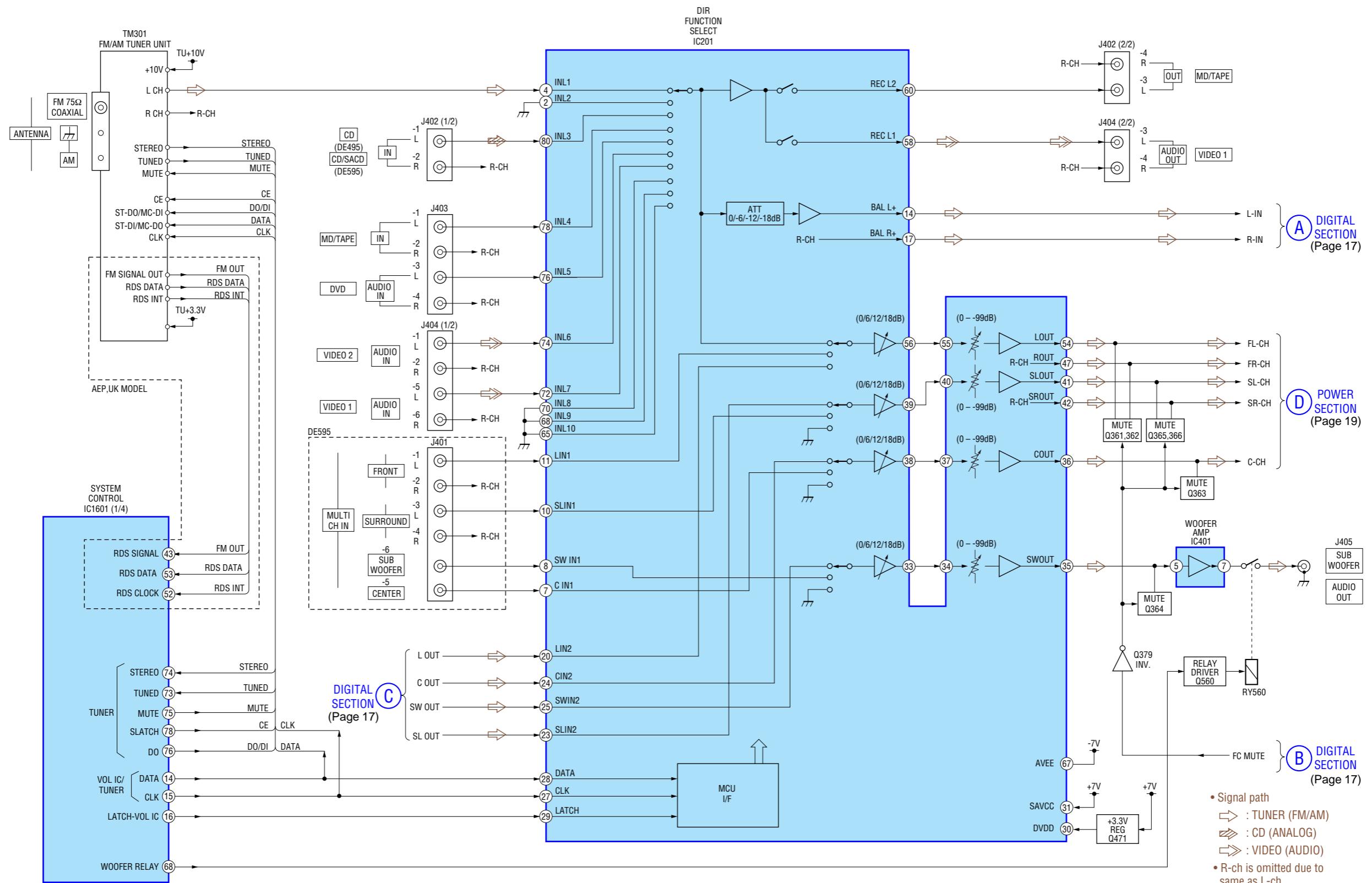
Pin No.	Pin Name	I/O	Pin Description
1	DATAO	I	Serial data line signal input from DIR IC
2	GP9	I	GP9 signal input from DSP IC
3	BST	O	Boot stop control signal output for DSP IC
4	HCS	O	Chip select signal output for DSP IC
5	HACN	I	Acknowledge signal input from DSP IC
6	XRST	O	Reset signal output for DSP IC
7	PM	O	PLL control signal output for DSP IC
8	PD	O	Power down signal output for CODEC IC
9	SMUTE	O	Soft mute signal output for CODEC IC
10	CDT1	O	Control data output for CODEC IC
11	VSS	—	Ground
12	SCL	O	Serial data clock signal output for CODEC IC
13	CS	O	Latch signal output for CODEC IC
14	DATA	O	Serial data output for VOL/TUNER IC
15	CLK	O	Clock signal output for VOL/TUNER IC
16	LATCH– VOL IC	O	Latch signal output for VOL/TUNER IC
17	SPK B RELAY	O	Speaker B relay driver control signal output (STR-DE595 only)
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	F.MUTE	O	Function mute control signal output
22	AC MUTE	O	Power amplifier mute control signal output
23	VCC5	—	Power supply pin (+3.3 V)
24	ANA/DIG	O	Muting and error port signal output
25	HP DETECT	I	Headphone detection signal input
26	NC	—	Not used (Fixed at L)
27	FLASH2	—	Flash programming signal output 2
28	FLASH1	—	Flash programming signal output 1
29 to 32	NC	—	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 41	A/D0 to A/D3	I	Key signal input (A/D port)
42	VSS	—	Ground
43	RDS SIGNAL	I	RDS signal level input (AEP, UK model only)
44	MODEL	I	Model detection signal input (Fixed at L: US, Canadian model, H: Except for US, Canadian model)
45	VERSION	I	Destination detection signal input (Fixed at L: US, Canadian model, H: Except for US, Canadian model)
46	BLUE LED	O	LED (MULTI CHANNEL DECODING) driver signal output (STR-DE595 only)
47	NC	—	Not used (Fixed at L)
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 CLOCK	I	RDS data clock signal input (AEP, UK model only)
53	RDS DATA	I	RDS data input (AEP, UK model only)
54	SIRCS	I	SIRCS signal input
55	FUSE DETECT	I	Fuse open detection signal input
56	POWER KEY	I	Power key detection signal input

Pin No.	Pin Name	I/O	Pin Description
57, 58	NC	I	Not used (Fixed at L)
59	VOL (B)	I	Volume encoder signal input
60	VOL (A)	I	Volume encoder signal input
61	DIN	O	Serial data output for FL driver IC
62	CLK	O	Clock signal output for FL driver IC
63	FL_STB	O	Latch signal output for FL driver IC
64	NC	—	Not used (Fixed at L)
65	POWER RELAY	O	Power relay driver control signal output
66	PROTECTOR	O	Protector detection signal output
67	HEADPHONE RELAY	O	Headphone relay driver control signal output
68	WOOFER RELAY	O	Sub woofer relay driver control signal output
69	REAR RELAY	O	Surround speaker relay driver control signal output
70	CENTER RELAY	O	Center speaker relay driver control signal output
71	PREOUT/FRONT RELAY	O	Speaker A relay driver control signal output
72	R1 RELAY	O	Bridgeable relay driver control output (STR-DE595 only)
73	TUNED	I	Tuned signal detection input
74	STEREO	I	Stereo signal detection input
75	MUTE	O	Tuner mute signal output
76	DO	I	Tuner serial data input
77	RSTX	I	Reset signal input
78	SLATCH	O	Tuner latch signal output
79	X0A	—	Not used (Open)
80	X1A	—	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, 86	NC	—	Not used (Fixed at L)
87 to 90	SW4 to SW1	O	Video select signal output
91, 92	NC	—	Not used (Fixed at L)
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

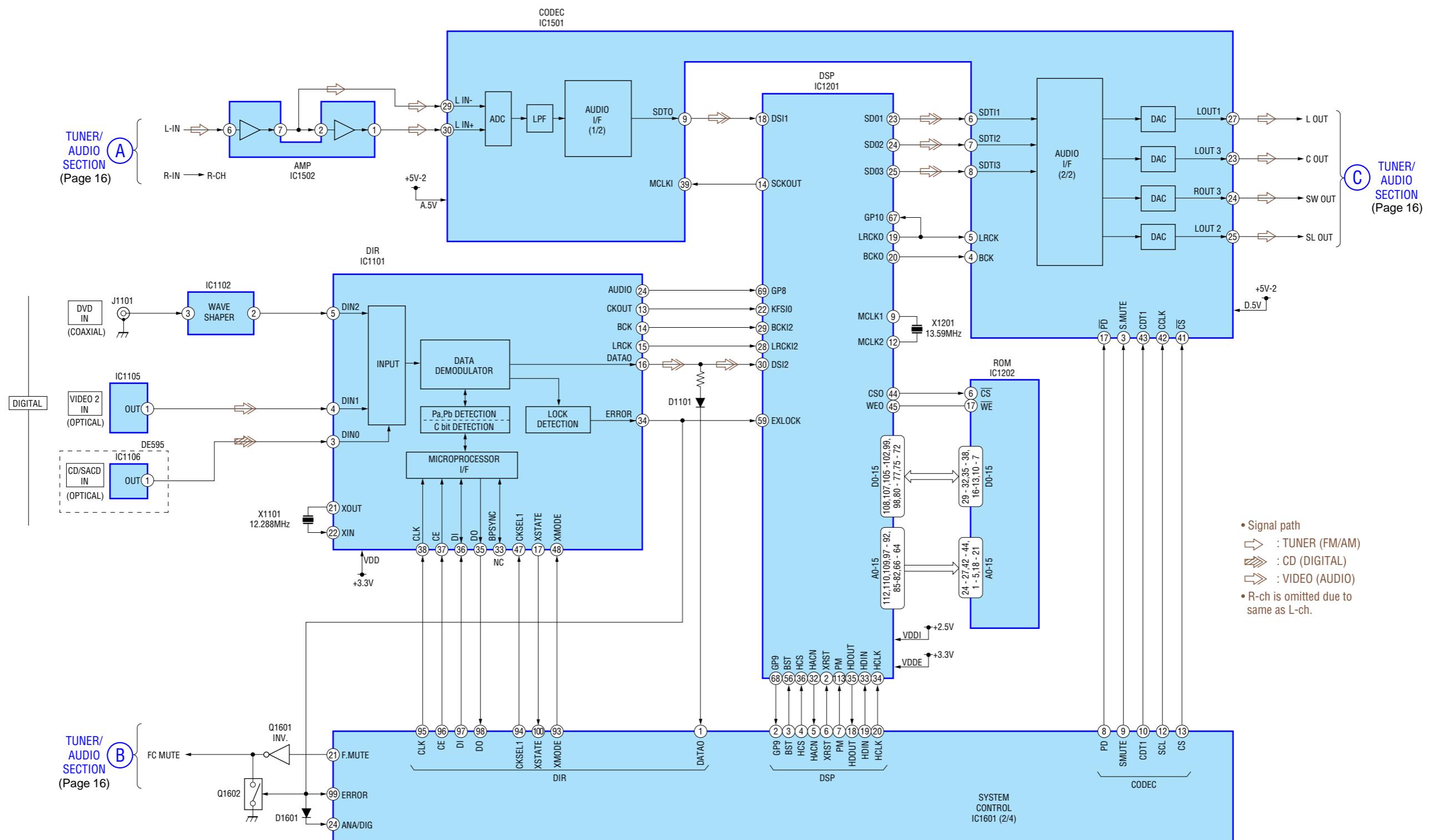
4-2. CIRCUIT BOARDS LOCATION



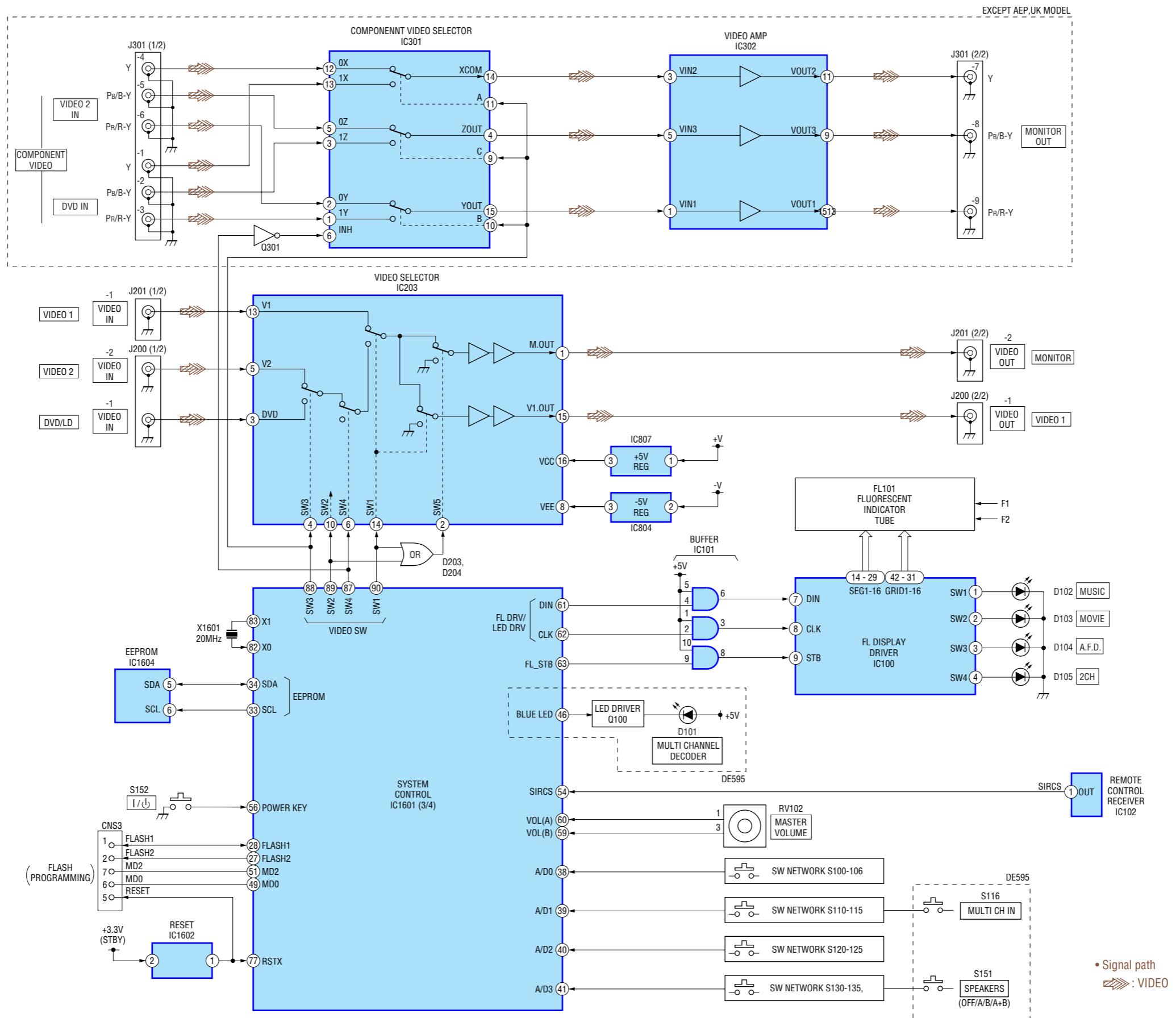
4-3. BLOCK DIAGRAM — TUNER/AUDIO SECTION —



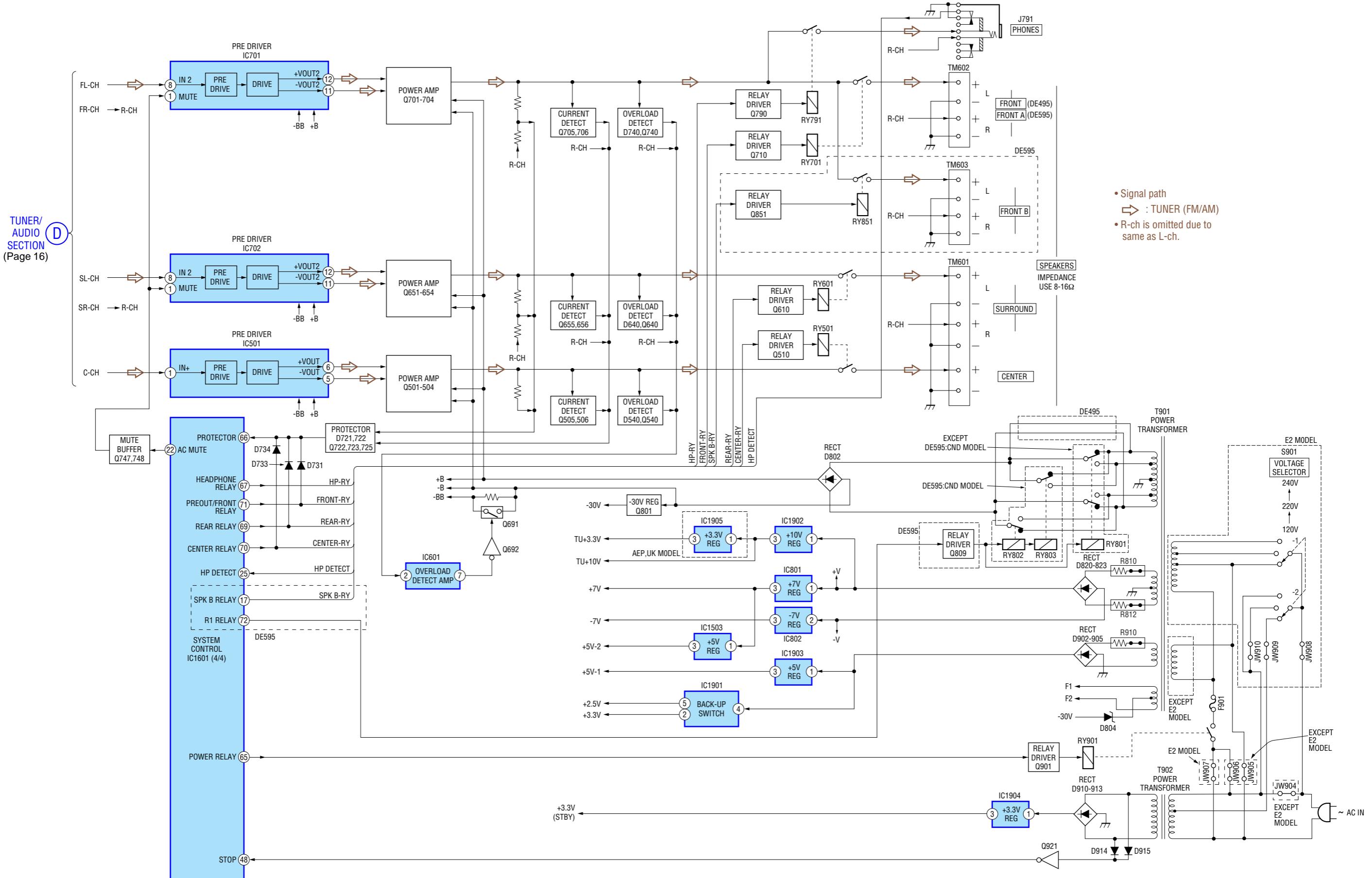
4-4. BLOCK DIAGRAM — DIGITAL SECTION —



4-5. BLOCK DIAGRAM — VIDEO/DISPLAY SECTION —



4-6. 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 $1/4 \text{W}$ or less unless otherwise specified.
- \triangle : internal component.
-  : nonflammable resistor.
-  : fusible resistor.
-  : panel designation.

Note:

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

Note:

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

for printed wiring boards:

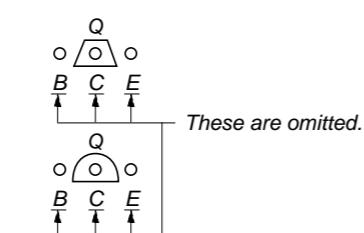
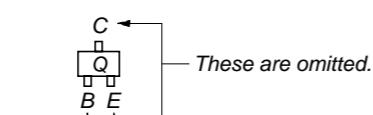
-  : parts extracted from the component side.
- \triangle : internal component.
-  : Pattern from the side which enables seeing.

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.

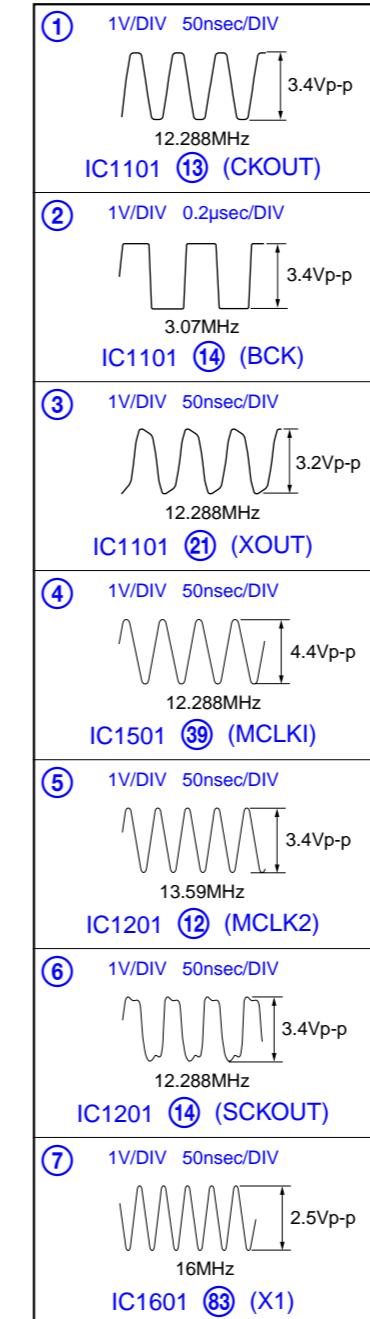
Abbreviation

CND : Canadian model.
AUS : Australian model.
MX : Mexican model.
SP : Singapore model.
E2 : AC 120 V area in E model.
AR : Argentine model.
KR : Korean model.
TW : Taiwan model.

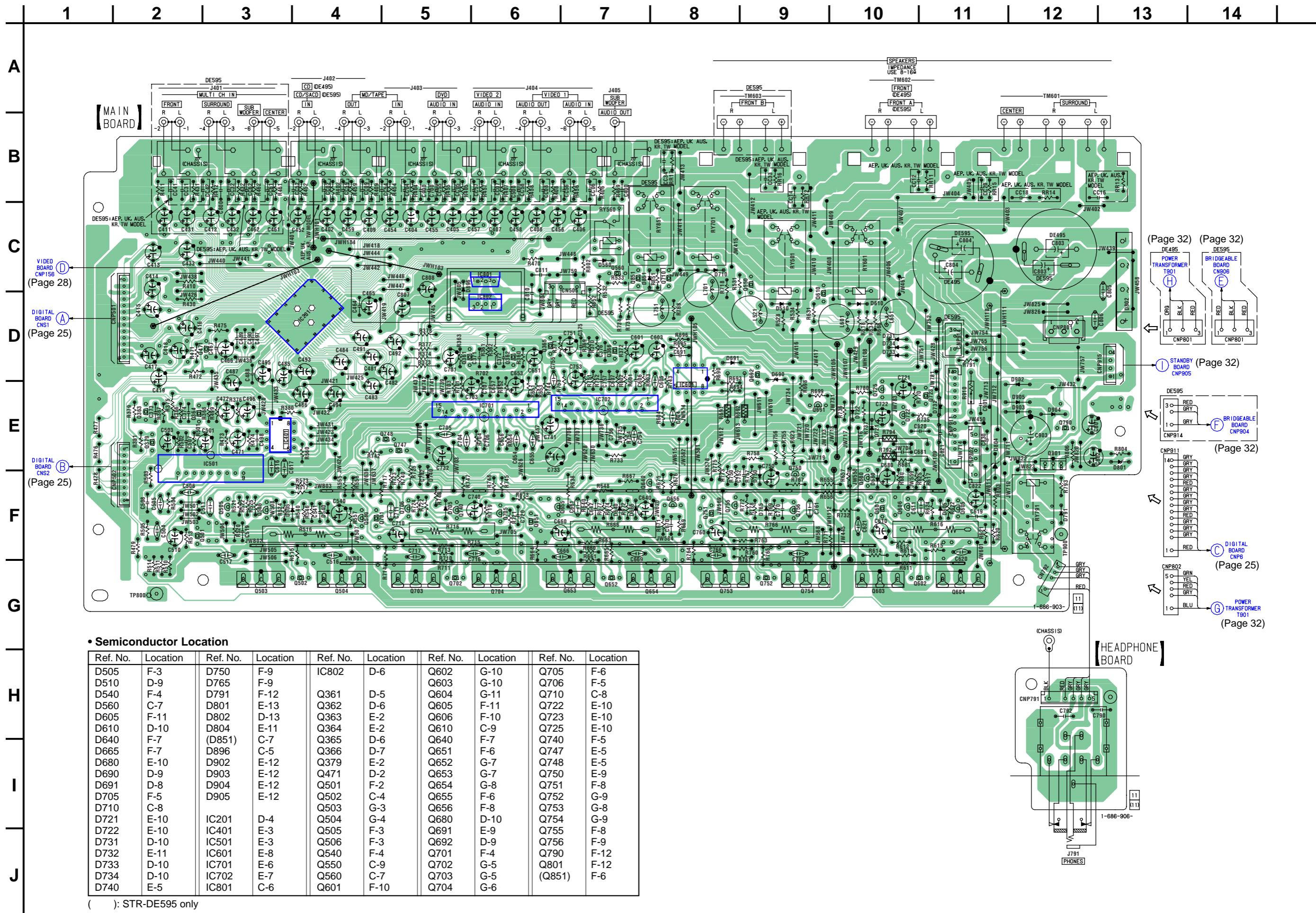


-  : B+ Line.
-  : B- Line.
- Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.
no mark : FM
- Voltages are taken with a VOM (Input impedance $10 \text{ M}\Omega$).
Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with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

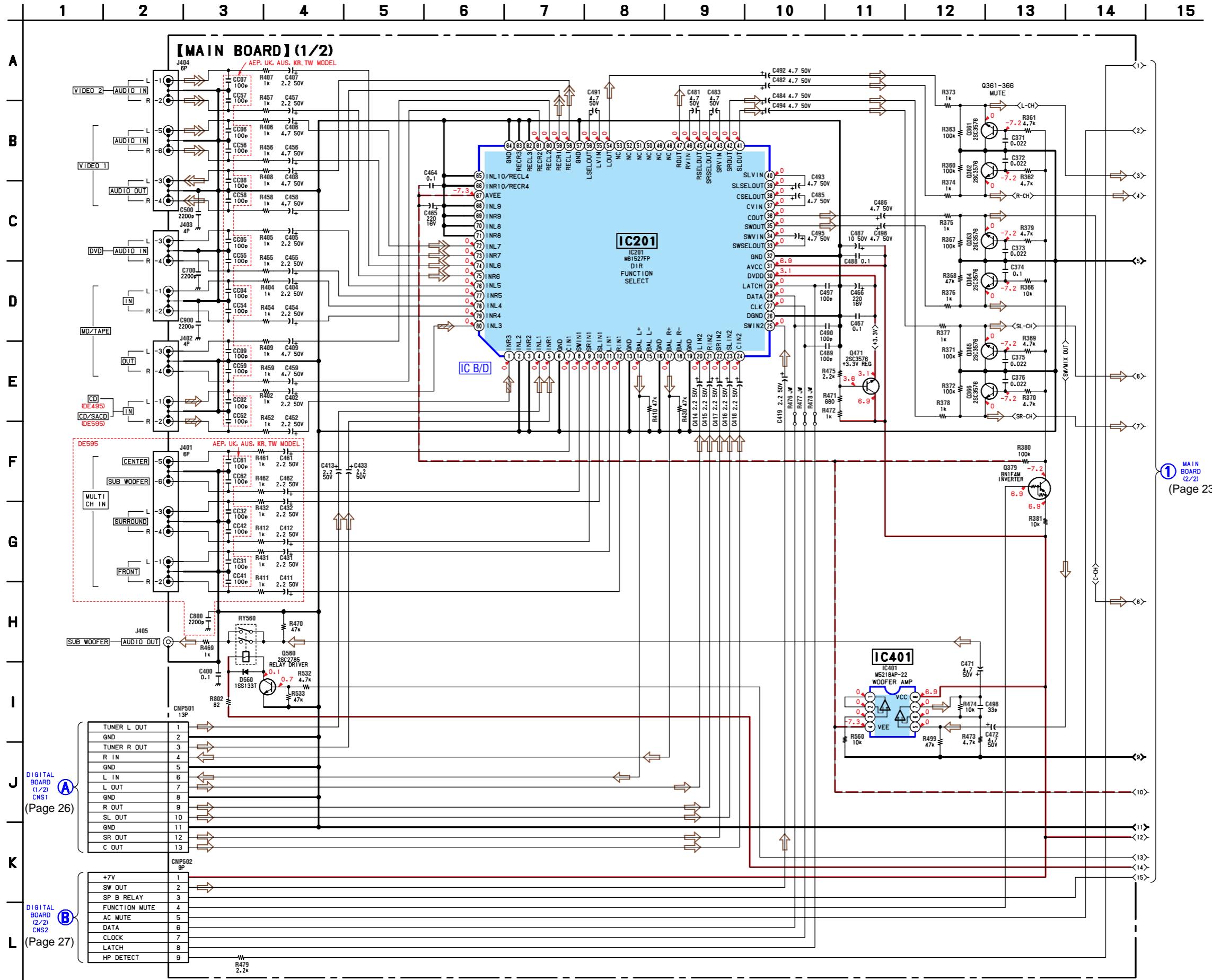
CND : Canadian model.
AUS : Australian model.
MX : Mexican model.
SP : Singapore model.
E2 : AC 120 V area in E model.
AR : Argentine model.
KR : Korean model.
TW : Taiwan model.

• Waveforms (DIGITAL Board)

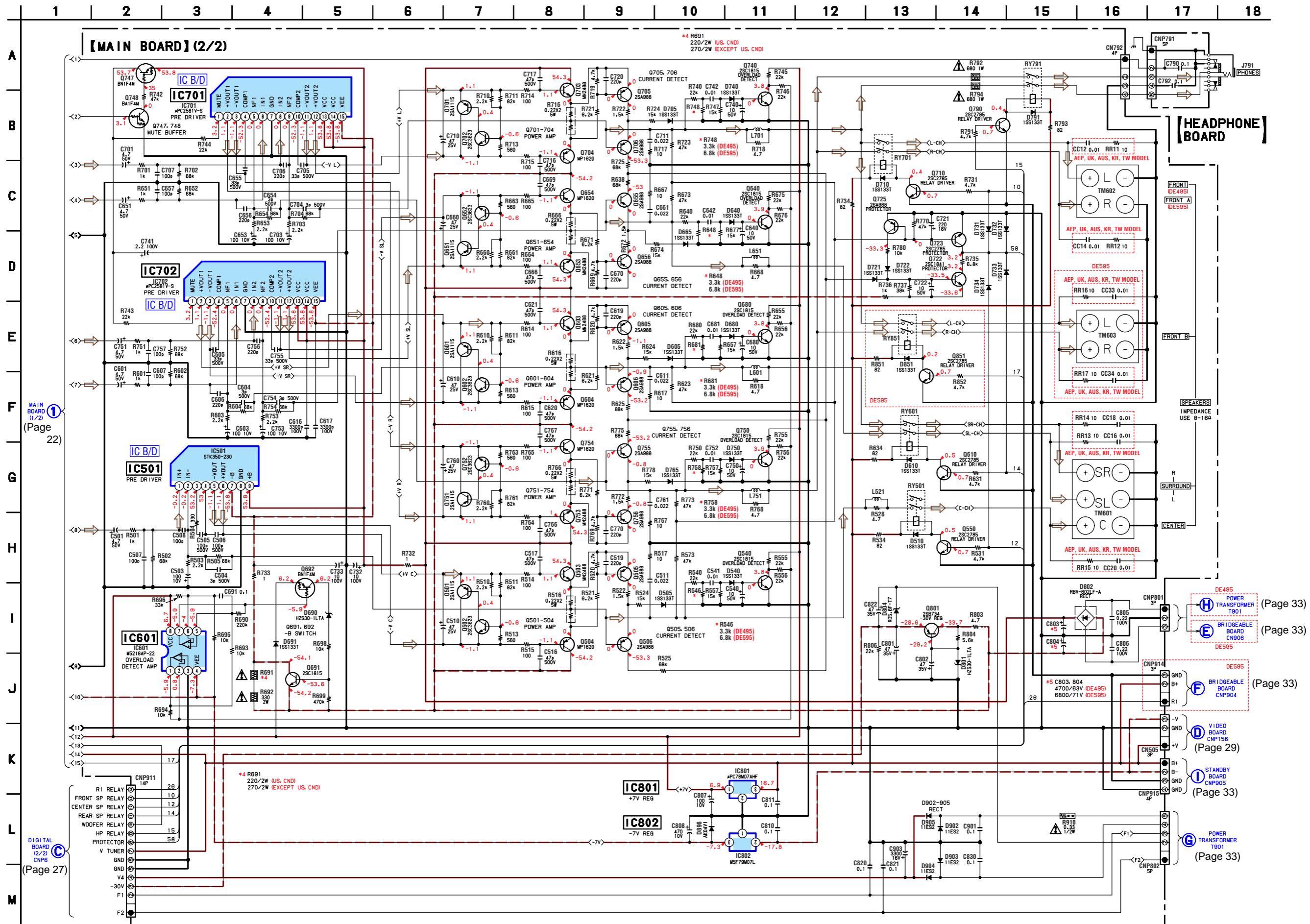
4-7. PRINTED WIRING BOARDS — MAIN SECTION — • Refer to page 15 for Circuit Boards Location and page 20 for Common Note on Printed Wiring Boards.



4-8. SCHEMATIC DIAGRAM — MAIN SECTION (1/2) — • Refer to page 20 for Common Note on Schematic Diagram and page 34 for IC Block Diagrams.



4-9. SCHEMATIC DIAGRAM — MAIN SECTION (2/2) — • Refer to page 20 for Common Note on Schematic Diagram and page 34 for IC Block Diagrams.



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

4-10. PRINTED WIRING BOARD — DIGITAL SECTION (1/2) — • Refer to page 15 for Circuit Boards Location and page 20 for Common Note on Printed Wiring Boards.

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

A

B

C

D

E

F

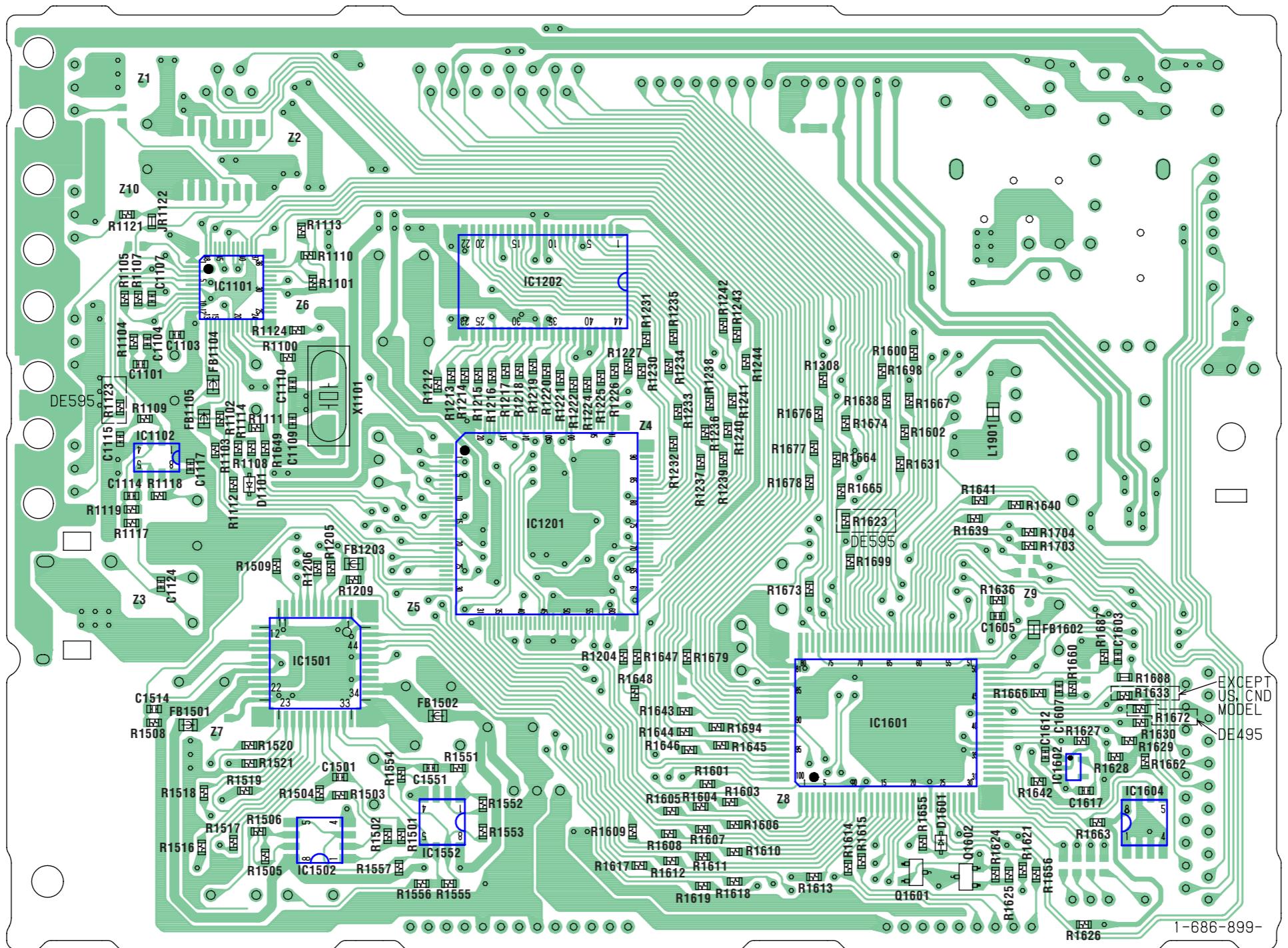
G

H

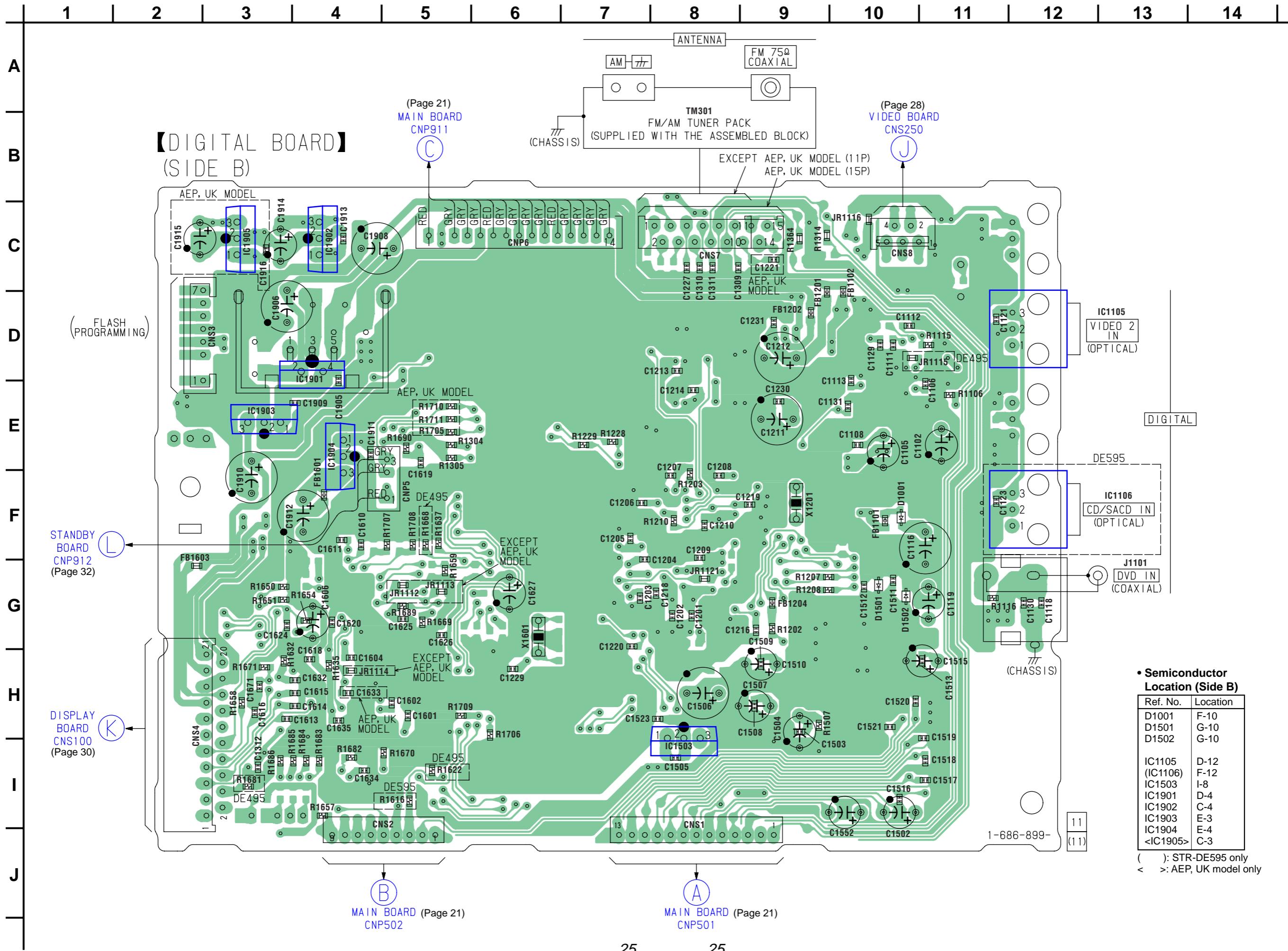
I

J

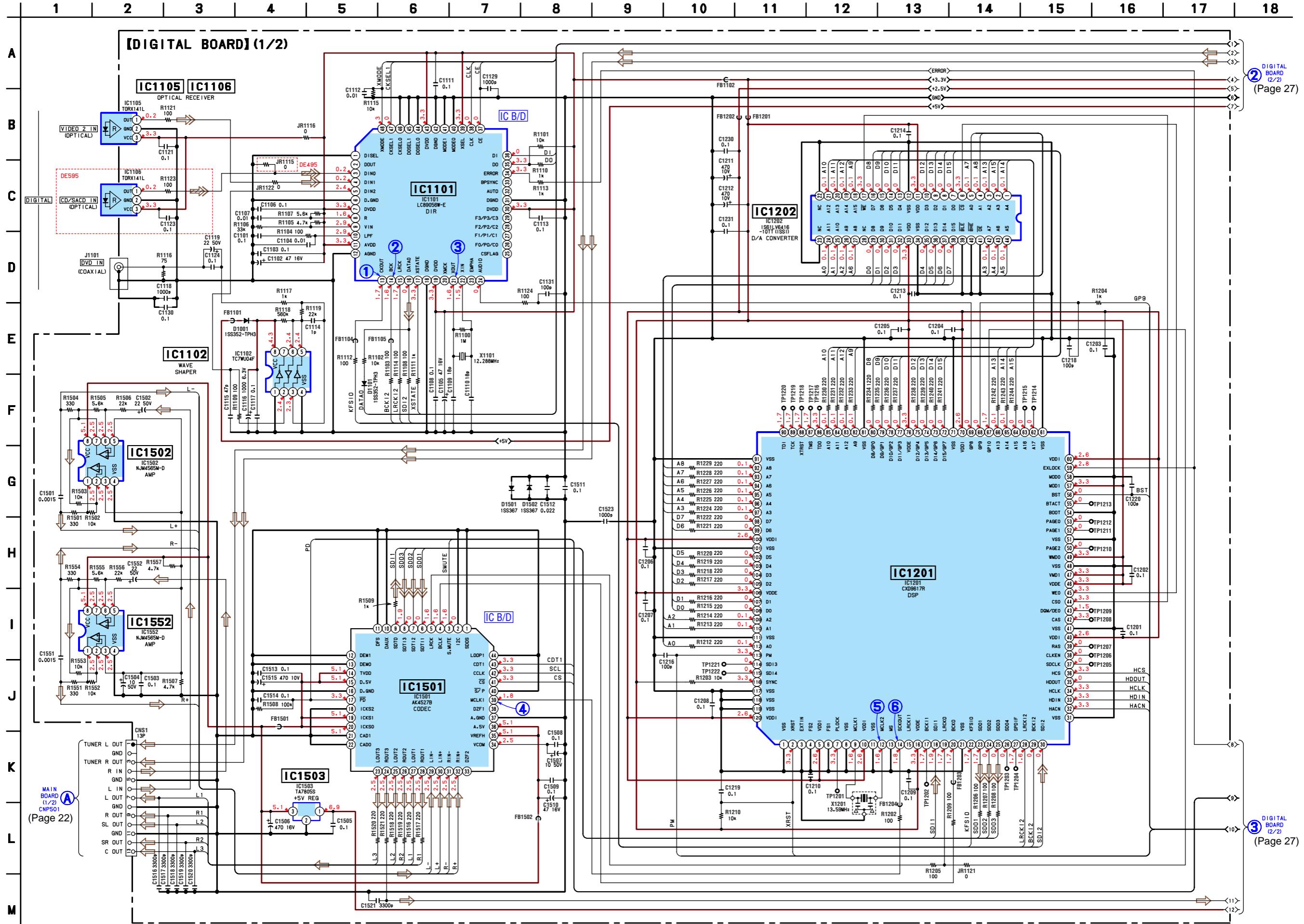
[DIGITAL BOARD](SIDE A)



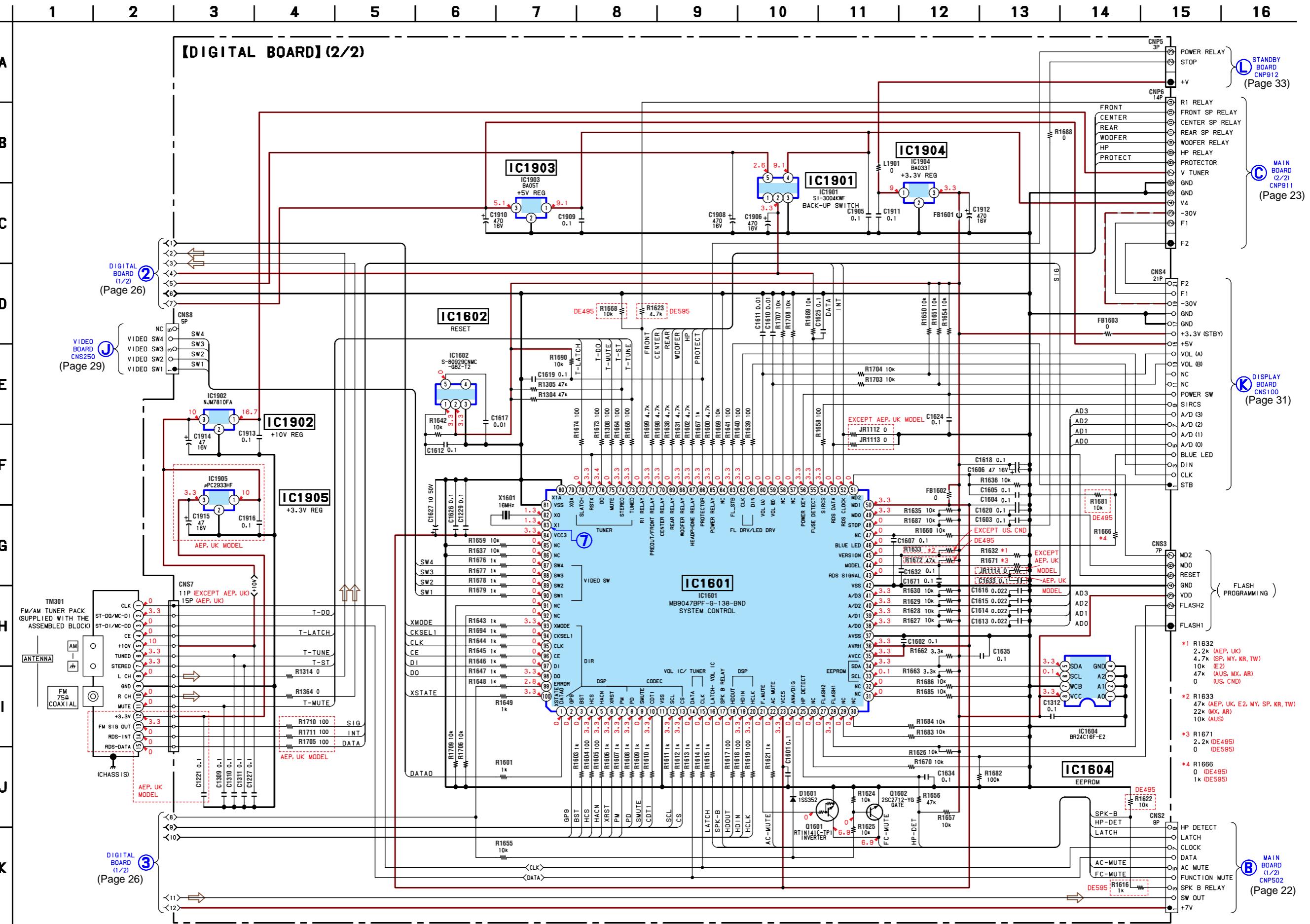
4-11. PRINTED WIRING BOARD — DIGITAL SECTION (2/2) — • Refer to page 15 for Circuit Boards Location and page 20 for Common Note on Printed Wiring Boards.



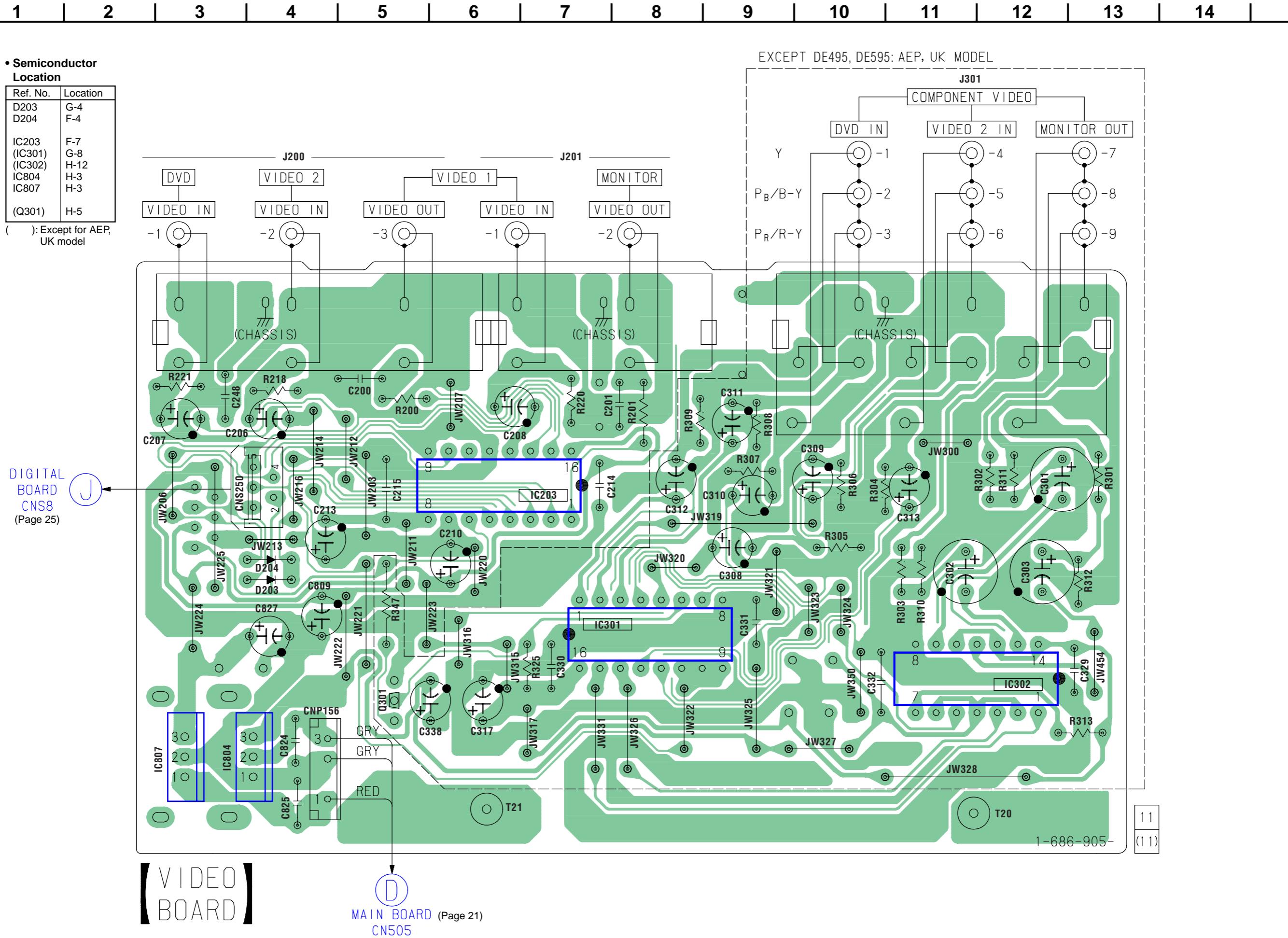
4-12. SCHEMATIC DIAGRAM — DIGITAL SECTION (1/2) — • Refer to page 20 for Common Note on Schematic Diagram and Waveforms and page 34 for IC Block Diagrams.



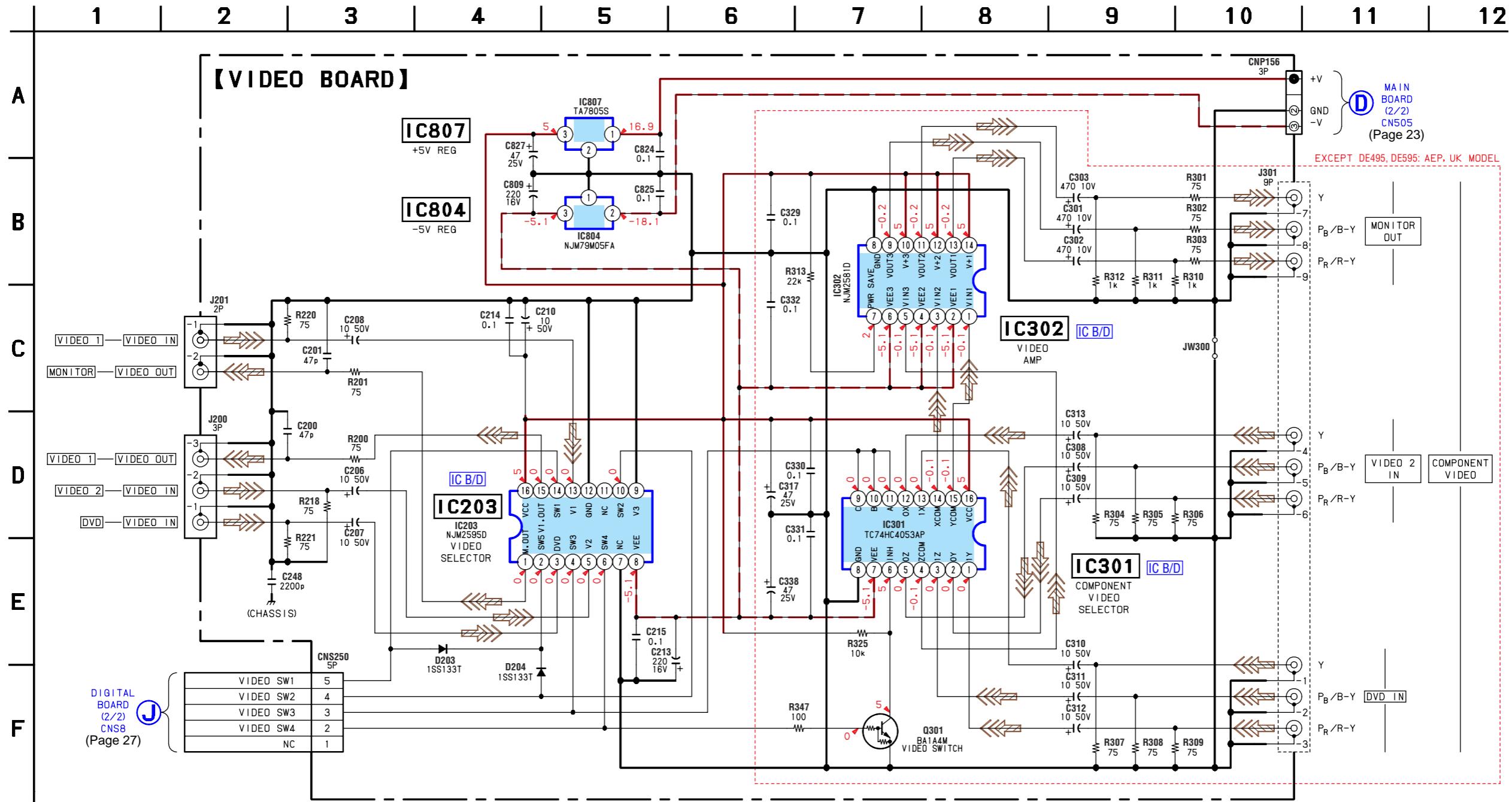
4-13. SCHEMATIC DIAGRAM — DIGITAL SECTION (2/2) — • Refer to page 20 for Common Note on Schematic Diagram and Waveforms.



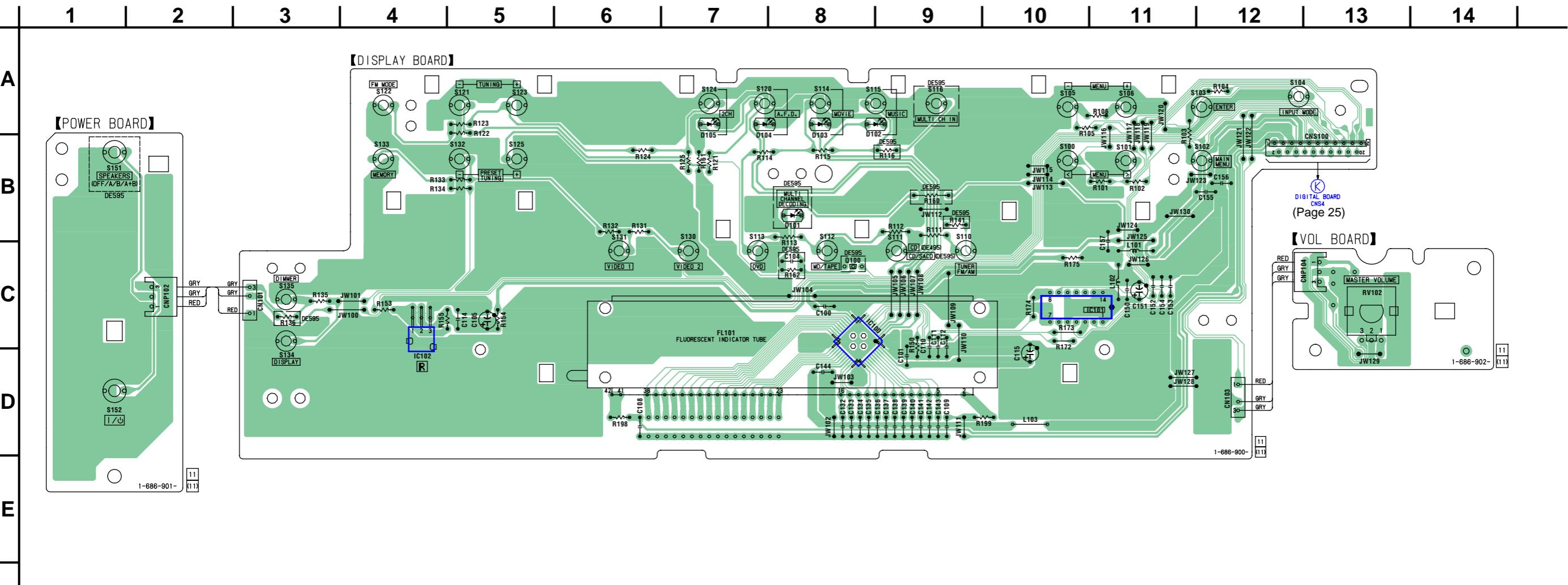
4-14. PRINTED WIRING BOARD — VIDEO SECTION — • Refer to page 15 for Circuit Boards Location and page 20 for Common Note on Printed Wiring Boards.



4-15. SCHEMATIC DIAGRAM — VIDEO SECTION — • Refer to page 20 for Common Note on Schematic Diagram and page 34 for IC Block Diagrams.



4-16. PRINTED WIRING BOARDS — DISPLAY SECTION — • Refer to page 15 for Circuit Boards Location and page 20 for Common Note on Printed Wiring Boards.

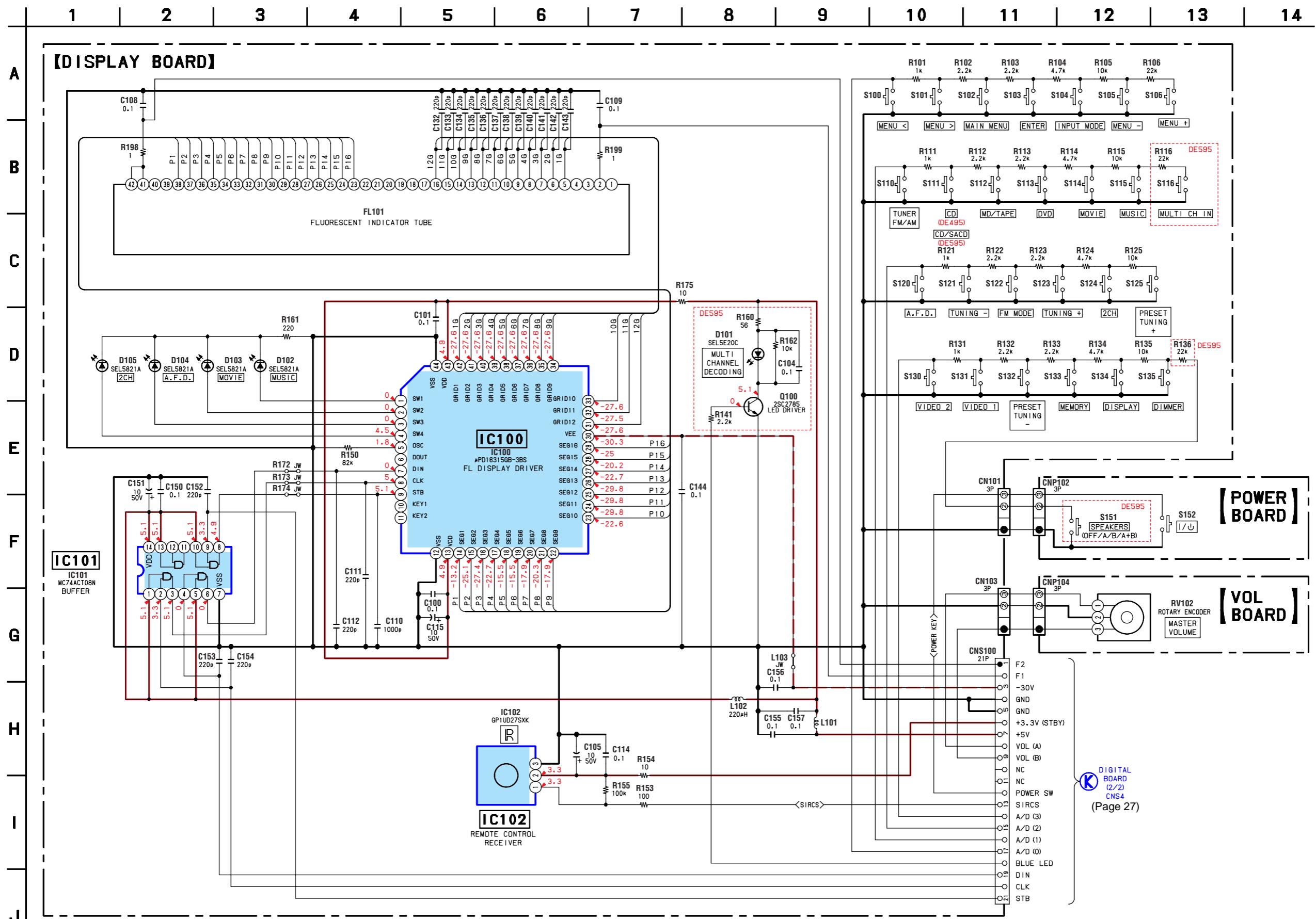


• Semiconductor Location

Ref. No.	Location
(D101)	B-8
D102	A-8
D103	A-8
D104	A-7
D105	A-7
IC100	C-8
IC101	C-10
IC102	C-4
(Q100)	C-8

(): STR-DE595 only

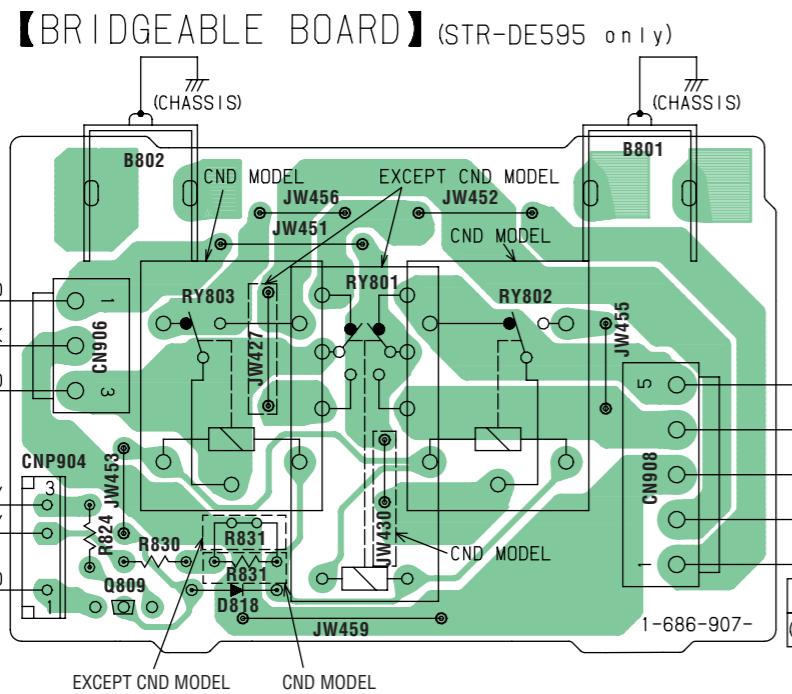
4-17. SCHEMATIC DIAGRAM — DISPLAY SECTION — • Refer to page 20 for Common Note on Schematic Diagram.



4-18. PRINTED WIRING BOARDS — POWER SECTION — • Refer to page 15 for Circuit Boards Location and page 20 for Common Note on Printed Wiring Boards.

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |

A



B

MAIN BOARD
CNP801
(DE595)
(Page 21)

RED
BLK
RED

MAIN BOARD
CNP914
(DE595)
(Page 21)

GRY
GRY
RED

EXCEPT CND MODEL
CND MODEL

11
(11)

1-686-907-

(Page 21)
MAIN BOARD
CNP802
(DE495)

G
H

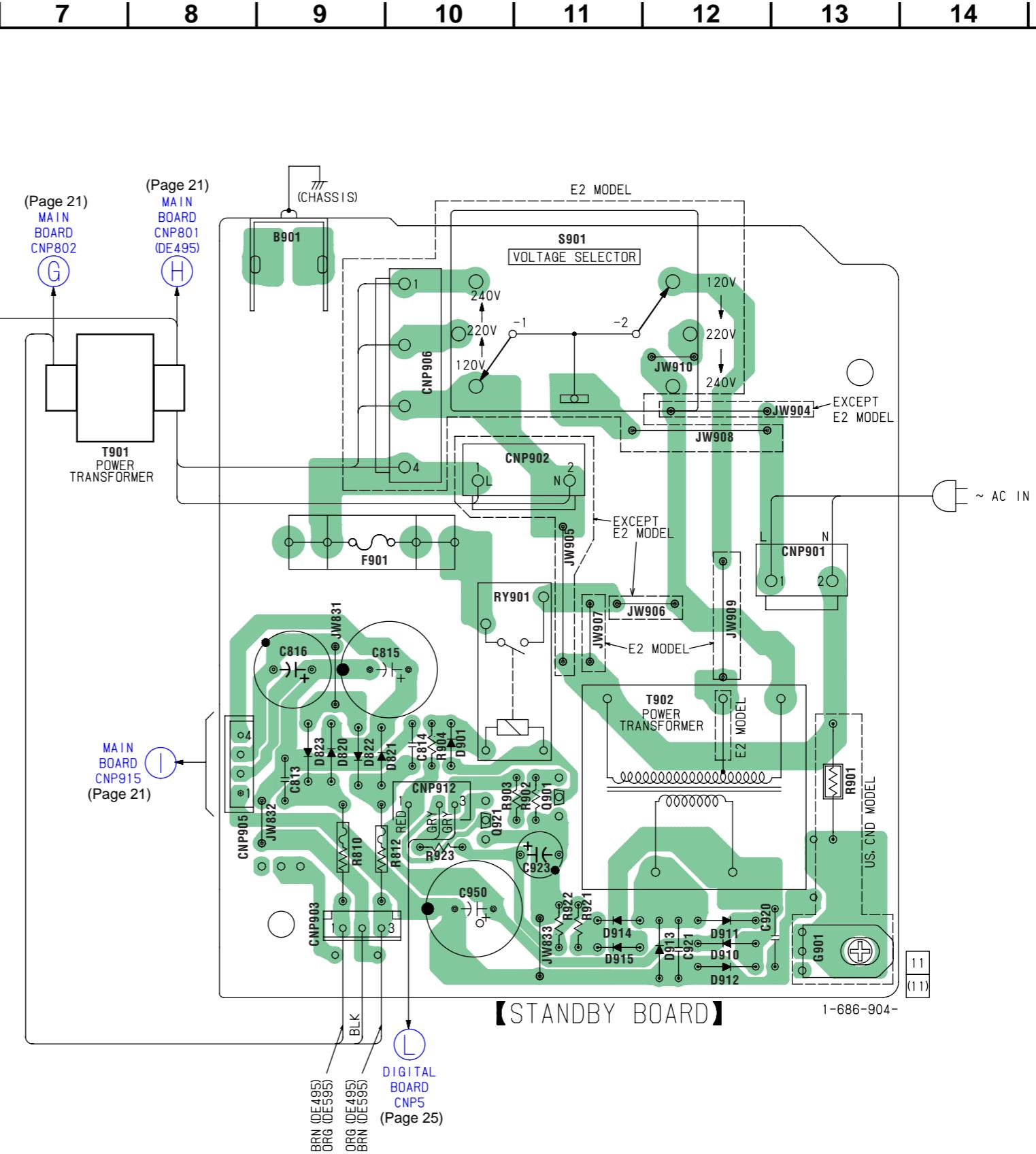
T901
POWER TRANSFORMER

MAIN BOARD
CNP915
(Page 21)

• Semiconductor Location

Ref. No.	Location
(D818)	D-3
D820	F-9
D821	F-10
D822	F-9
D823	F-9
D901	F-10
D910	H-12
D911	G-12
D912	H-12
D913	H-12
D914	G-11
D915	H-11
(Q809)	D-2
Q901	F-11
Q921	G-10

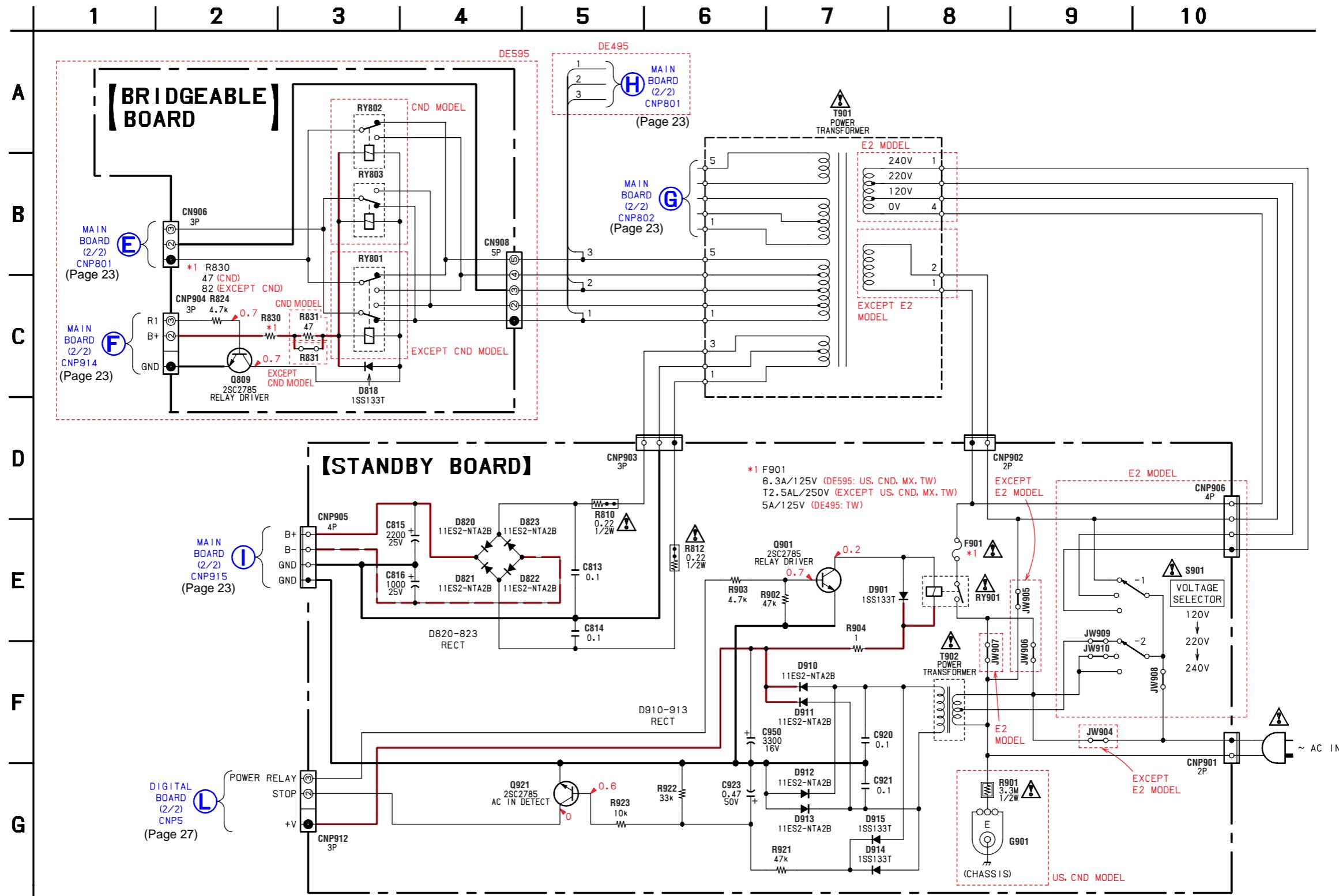
() : STR-DE595 only



BRN (DE495)
ORG (DE595)
ORG (DE495)
BRN (DE595)

DIGITAL
BOARD
CNP5
(Page 25)

4-19. SCHEMATIC DIAGRAM — POWER SECTION — • Refer to page 20 for Common Note on Schematic Diagram.

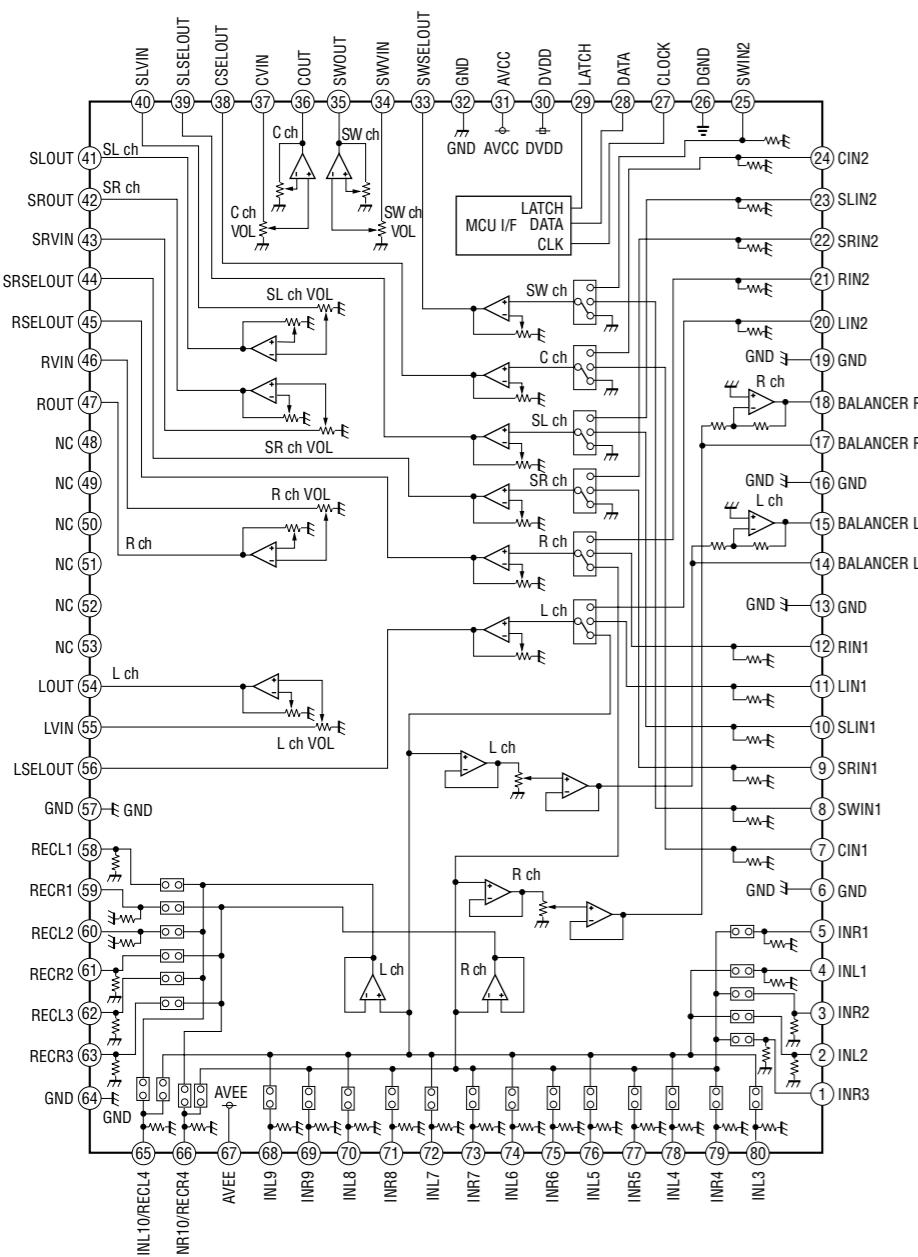


Note:
The components identified by mark \triangle or dotted line with mark \triangle are critical for safety.
Replace only with part number specified.

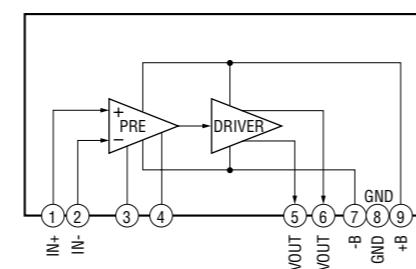
Note:
Les composants identifiés par une marque \triangle sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

4-20. IC BLOCK DIAGRAMS

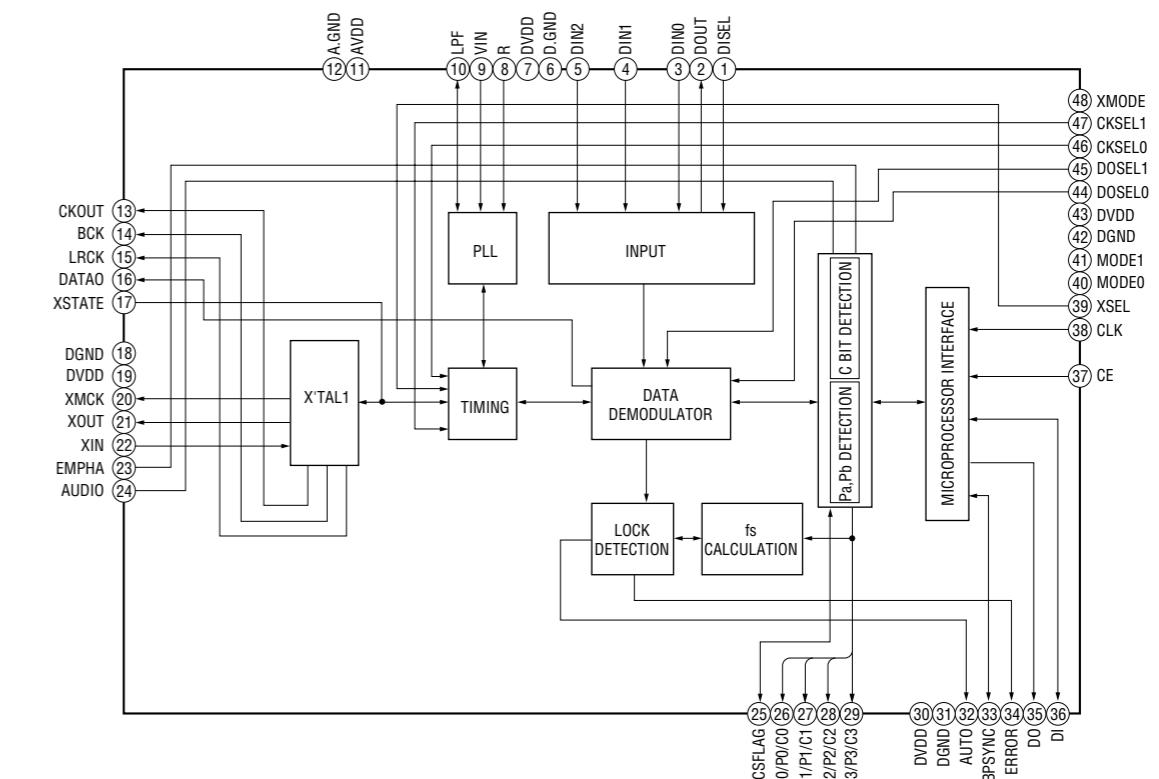
IC201 M61527FP (MAIN BOARD (1/2))



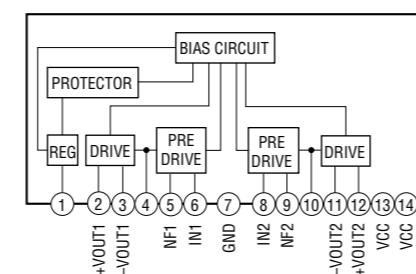
IC501 STK350-230 (MAIN BOARD (2/2))



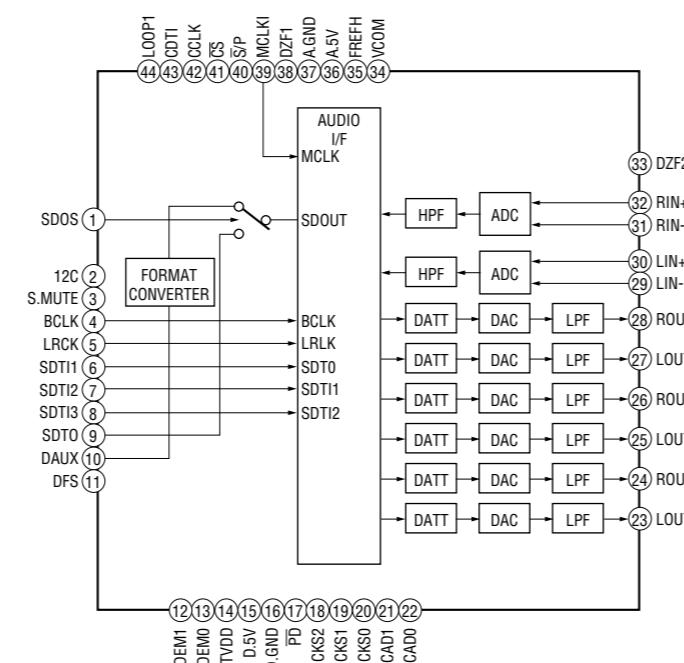
IC1101 LC89056W-E (DIGITAL BOARD (1/2))



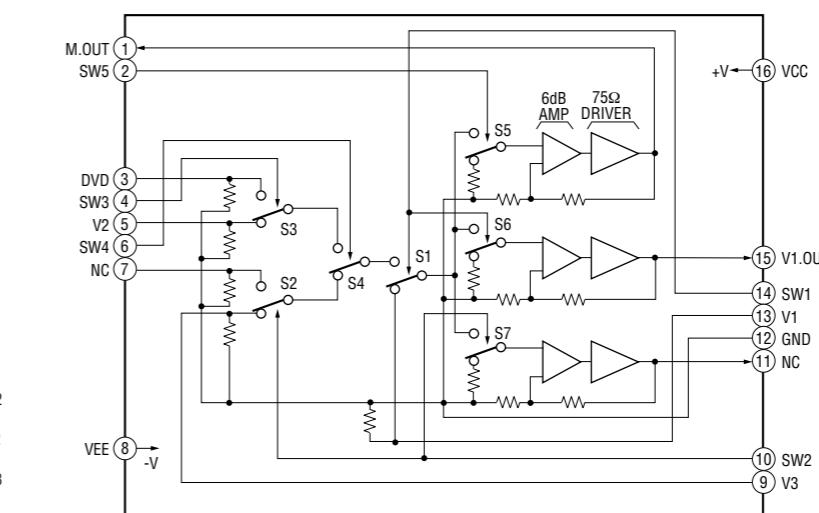
**IC701 µPC2581V-S (MAIN BOARD (2/2))
IC702 µPC2581V-S (MAIN BOARD (2/2))**



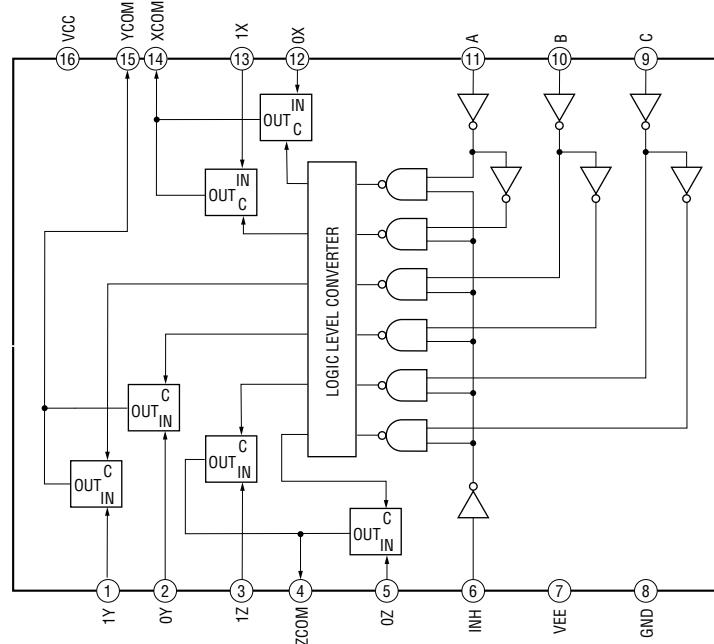
IC1501 AK4527B (DIGITAL BOARD (1/2))



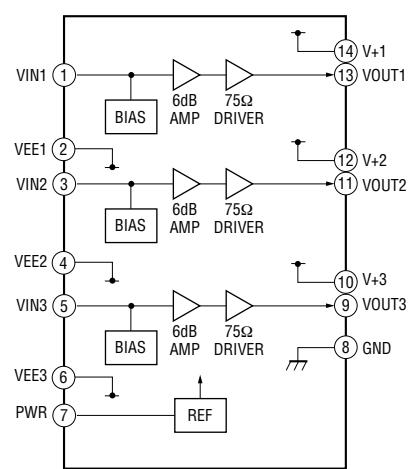
IC203 NJM2595D (VIDEO BOARD)



IC301 TC74HC4053AP



IC302 NJM2581D



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

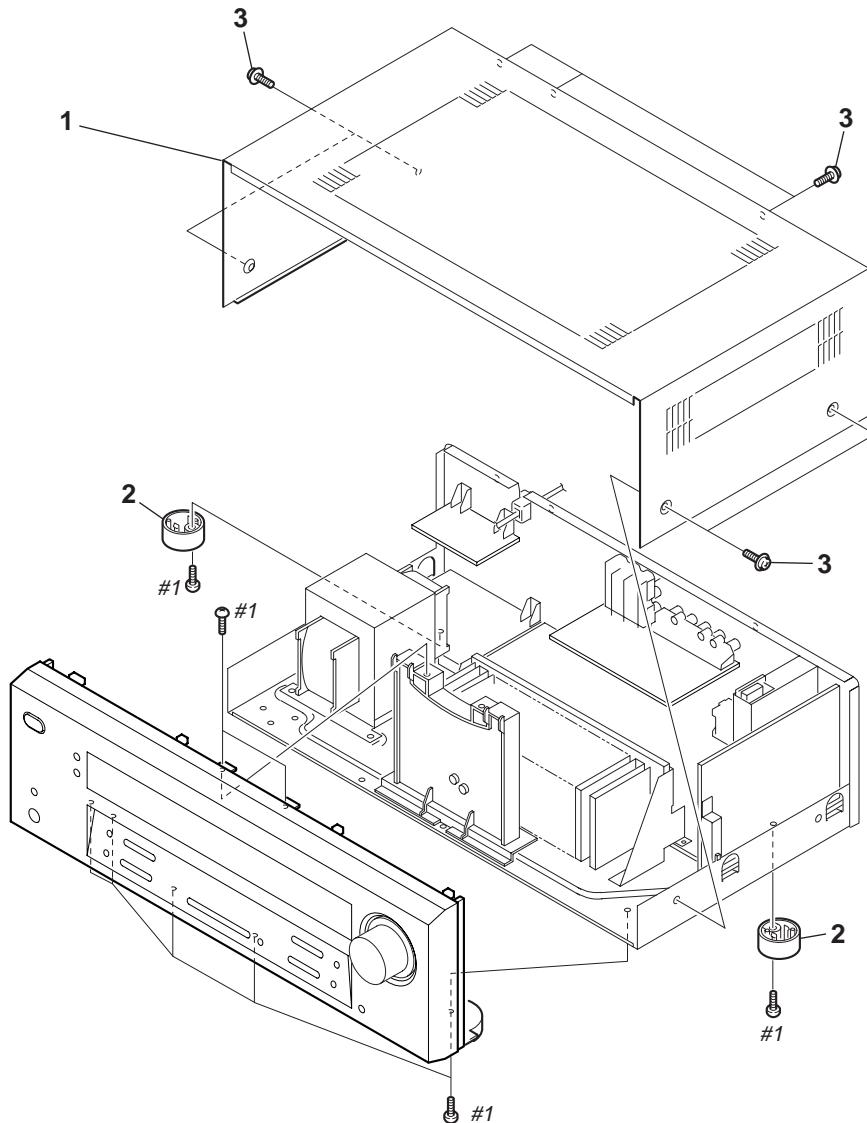
CND : Canadian model
 AUS : Australian model
 MX : Mexican model
 SP : Singapore model
 E2 : AC 120 V area in E model
 AR : Argentine model
 KR : Korean model
 TW : Taiwan model

- XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
 Example :
 KNOB, BALANCE (WHITE) ... (RED)
 ↑ ↑
 Parts Color Cabinet's Color
- Accessories are given in the last of this parts list.

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

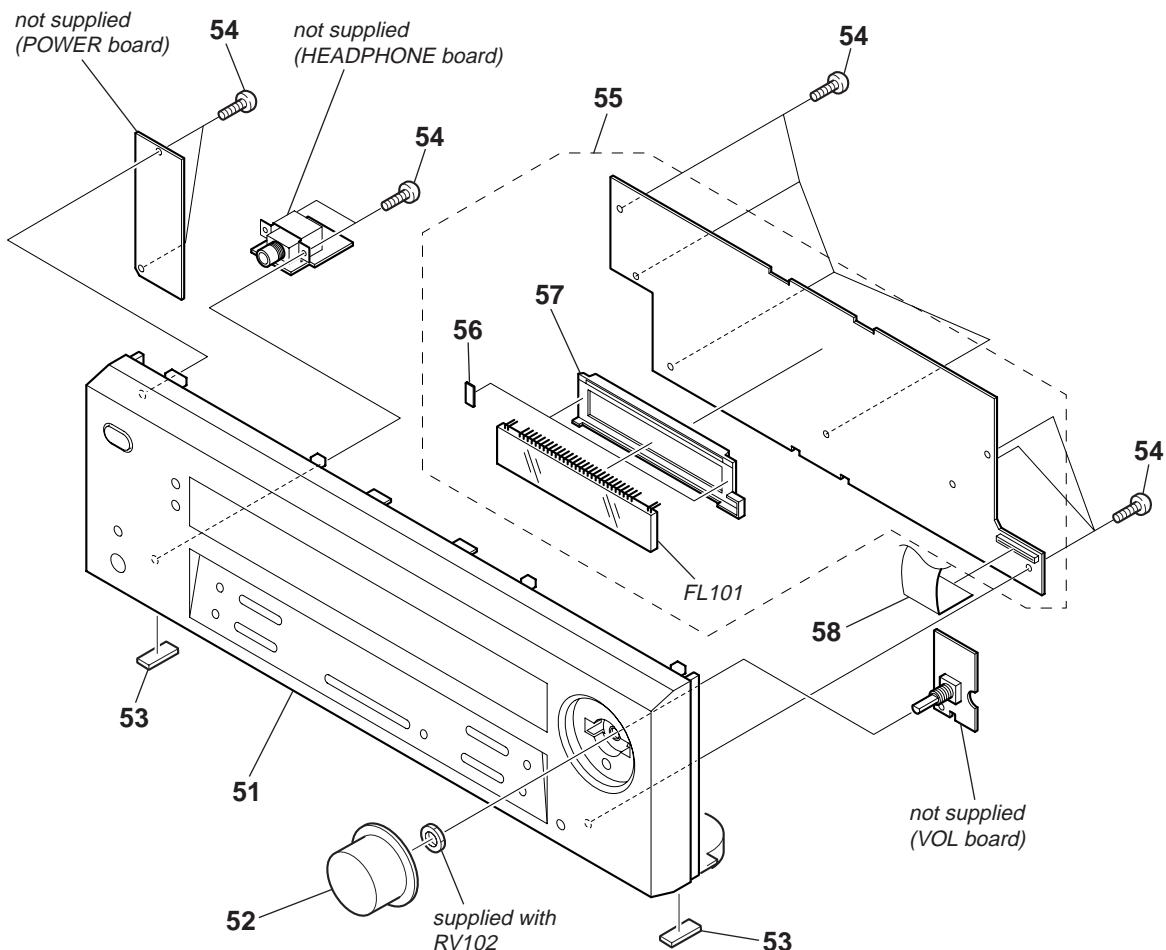
Les composants identifiés par une marque \triangle sont critiques pour la sécurité.
 Ne les remplacer que par une pièce portant le numéro spécifié.

5-1. CASE SECTION



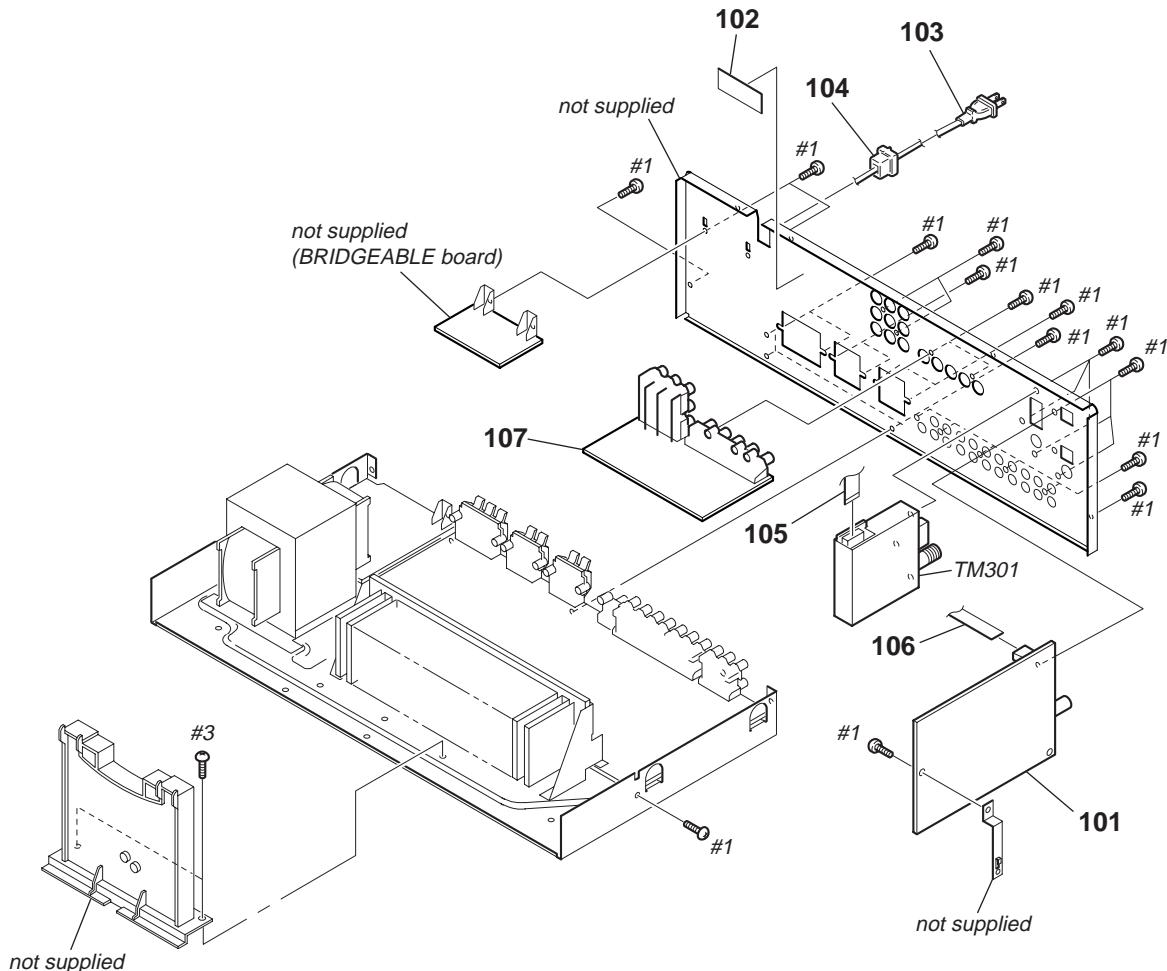
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	4-245-939-01	CASE (BLACK)...(BLACK)		3	4-210-291-01	SCREW (CASE 3 TP2) (BLACK)...(BLACK)	
1	4-245-939-21	CASE (SILVER)...(SILVER)		3	4-210-291-11	SCREW (CASE 3 TP2) (SILVER)...(SILVER,GOLD)	
1	4-245-939-41	CASE (GOLD)...(GOLD)		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
2	X-4953-448-1	FOOT ASSY					

5-2. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	X-4955-425-1	PANEL ASSY, FRONT (BLACK)...(BLACK)	(DE595:US)	52	4-232-113-01	KNOB (VOL) (BLACK)...(BLACK)	
51	X-4955-433-1	PANEL ASSY, FRONT (BLACK)...(BLACK)	(DE495:AEP,UK)	52	4-232-113-12	KNOB (VOL) (SILVER)...(SILVER)	
51	X-4955-436-1	PANEL ASSY, FRONT (SILVER)...(SILVER)	(DE495:AEP,UK)	52	4-232-113-22	KNOB (VOL) (GOLD)...(GOLD)	
51	X-4955-477-1	PANEL ASSY, FRONT (BLACK)...(BLACK)	(DE595:CND)	53	4-977-358-01	CUSHION	
51	X-4955-478-1	PANEL ASSY, FRONT (BLACK)...(BLACK)	(DE595:AUS)	54	4-951-620-01	SCREW (2.6X8), +BVTP	
51	X-4955-480-1	PANEL ASSY, FRONT (SILVER)...(SILVER)	(DE595:E2,AUS,MX,AR)	55	A-4731-177-A	DISPLAY BOARD, COMPLETE (DE495)	
51	X-4955-482-1	PANEL ASSY, FRONT (GOLD)...(GOLD)	(DE595:SP,MY,KR,TW)	55	A-4732-425-A	DISPLAY BOARD, COMPLETE (DE595)	
51	X-4955-489-1	PANEL ASSY, FRONT (BLACK)...(BLACK)	(DE595:AEP,UK)	* 56	4-921-941-01	CUSHION (FL)	
51	X-4955-494-1	PANEL ASSY, FRONT (SILVER)...(SILVER)	(DE595:AEP,UK)	* 57	3-386-245-13	HOLDER (FL)	
51	X-4955-495-1	PANEL ASSY, FRONT (GOLD)...(GOLD)	(DE495:KR,SP,MY,TW)	58	1-773-154-11	WIRE (FLAT TYPE) (21 CORE)	
51	X-4955-718-1	PANEL ASSY, FRONT (BLACK)...(BLACK)	(DE495:AUS)	FL101	1-518-831-11	INDICATOR TUBE, FLUORESCENT	
51	X-4955-719-1	PANEL ASSY, FRONT (SILVER)...(SILVER)	(DE495:AUS)				
51	X-4955-908-1	PANEL ASSY, FRONT (SILVER)...(SILVER)	(DE595:US)				

5-3. CHASSIS SECTION-1



The components identified by mark \triangle or dotted line with mark \triangle are critical for safety.

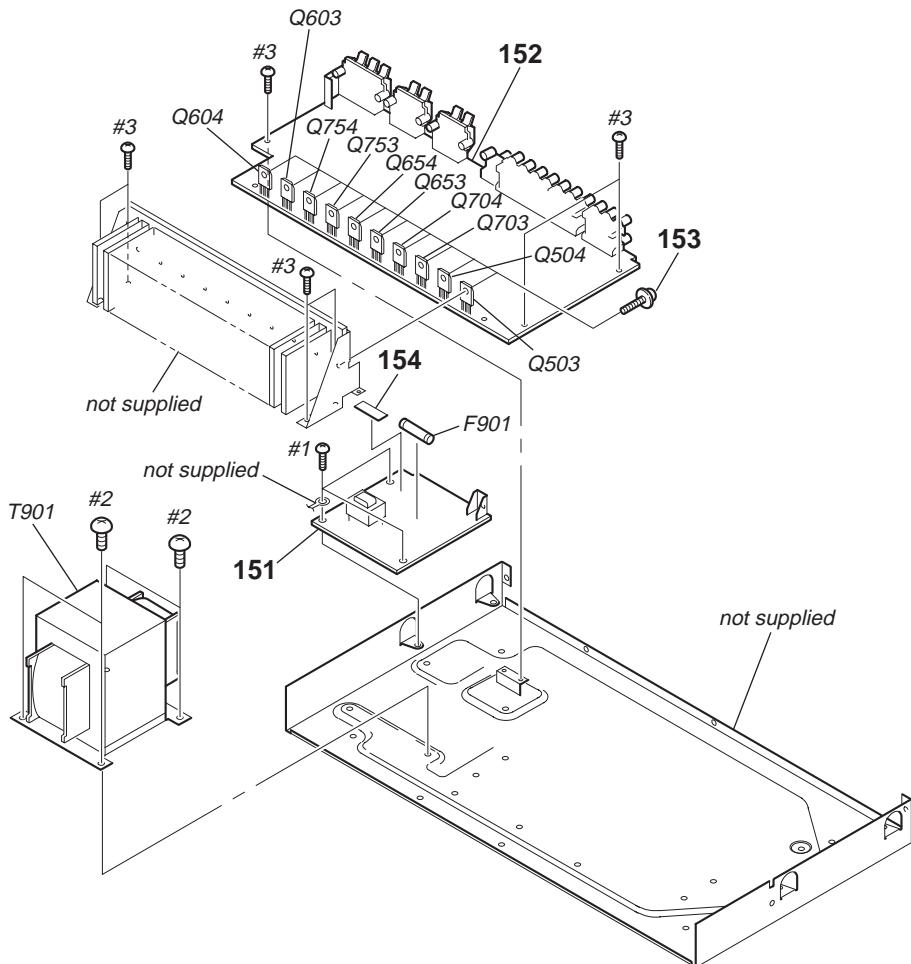
Replace only with part number specified.

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

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

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	A-4732-412-A	DIGITAL BOARD, COMPLETE (DE595:US,CND)		* 104	3-703-244-00	BUSHING (2104), CORD	
101	A-4732-431-A	DIGITAL BOARD, COMPLETE (DE495:AEP,UK)		105	1-769-937-11	WIRE (FLAT TYPE) (11 CORE) (EXCEPT AEP,UK)	
101	A-4732-594-A	DIGITAL BOARD, COMPLETE (DE595:AUS)		105	1-773-001-11	WIRE (FLAT TYPE) (15 CORE) (AEP,UK)	
101	A-4732-607-A	DIGITAL BOARD, COMPLETE (DE595:SP,MY,KR)		106	1-575-662-31	WIRE (FLAT TYPE) (5 CORE)	
101	A-4732-612-A	DIGITAL BOARD, COMPLETE (DE595:E2)		107	A-4731-175-A	VIDEO BOARD, COMPLETE (DE495,DE595:AEP,UK)	
101	A-4732-615-A	DIGITAL BOARD, COMPLETE (DE595:MX,AR)		107	1-686-905-11	VIDEO BOARD (EXCEPT DE495,DE595:AEP,UK)	
101	A-4732-625-A	DIGITAL BOARD, COMPLETE (DE595:AEP,UK)		TM301	1-693-577-22	TUNER PACK (ANTENNA) (US,CND,E2,MX,AR)	
101	A-4732-631-A	DIGITAL BOARD, COMPLETE (DE495:KR,SP,MY)		TM301	1-693-578-21	TUNER PACK (ANTENNA) (AEP,UK)	
101	A-4734-333-A	DIGITAL BOARD, COMPLETE (DE595:TW)		TM301	1-693-580-22	TUNER PACK (ANTENNA) (AUS,SP,MY,KR,TW)	
101	A-4734-359-A	DIGITAL BOARD, COMPLETE (DE495:TW)		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
101	A-4734-763-A	DIGITAL BOARD, COMPLETE (DE495:AUS)		#3	7-685-645-79	SCREW +BVTP 3X6 TYPE2 IT-3	
* 102	3-703-044-26	LABEL, CAUTION (US,CND)					
\triangle 103	1-696-847-11	CORD, POWER (AUS)					
\triangle 103	1-769-079-22	CORD, POWER (KR)					
\triangle 103	1-777-071-23	CORD, POWER (AEP,UK,E2,SP,MY)					
\triangle 103	1-783-532-11	CORD, POWER (US,CND,MX,TW)					
\triangle 103	1-783-941-12	CORD, POWER (AR)					

5-4. CHASSIS SECTION-2



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.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
151	1-686-904-11	STANDBY BOARD		Q654	8-749-010-26	TRANSISTOR MP1620-OPY-M	
152	A-4731-280-A	MAIN BOARD, COMPLETE (DE495:AEP,UK,AUS,KR,TW)		Q703	8-749-010-25	TRANSISTOR MN2488-OPY-M	
152	A-4732-423-A	MAIN BOARD, COMPLETE (DE595:US,CND)		Q704	8-749-010-26	TRANSISTOR MP1620-OPY-M	
152	A-4732-595-A	MAIN BOARD, COMPLETE (DE595:AEP,UK,AUS,KR,TW)		Q753	8-749-010-25	TRANSISTOR MN2488-OPY-M	
152	A-4732-608-A	MAIN BOARD, COMPLETE (DE595:E2,MX,SP,MY,AR)		Q754	8-749-010-26	TRANSISTOR MP1620-OPY-M	
152	A-4732-632-A	MAIN BOARD, COMPLETE (DE495:SP,MY)		\triangle T901	1-437-996-11	TRANSFORMER, POWER (DE495:AEP,UK,KR,SP,MY)	
153	3-905-609-01	SCREW (TRANSISTOR)		\triangle T901	1-437-999-11	TRANSFORMER, POWER (DE495:AUS)	
154	3-701-946-27	LABEL, FUSE RATING (DE495:TW)		\triangle T901	1-439-549-11	TRANSFORMER, POWER (DE595:US,MX)	
\triangle F901	1-532-464-31	FUSE (T2.5AL/250V) (EXCEPT US,CND,MX,TW)		\triangle T901	1-439-550-11	TRANSFORMER, POWER (DE595:AEP,UK,AUS,AR,KR)	
\triangle F901	1-576-109-11	FUSE (5A/125V) (DE495:TW)		\triangle T901	1-439-551-11	TRANSFORMER, POWER (DE595:SP,MY)	
\triangle F901	1-576-193-11	FUSE (6.3A/125V) (DE595:US,CND,MX,TW)		\triangle T901	1-439-552-11	TRANSFORMER, POWER (DE595:TW)	
Q503	8-749-010-25	TRANSISTOR MN2488-OPY-M		\triangle T901	1-439-553-11	TRANSFORMER, POWER (DE595:E2)	
Q504	8-749-010-26	TRANSISTOR MP1620-OPY-M		\triangle T901	1-439-609-11	TRANSFORMER, POWER (DE595:CND)	
Q603	8-749-010-25	TRANSISTOR MN2488-OPY-M		\triangle T901	1-439-640-11	TRANSFORMER, POWER (DE495:TW)	
Q604	8-749-010-26	TRANSISTOR MP1620-OPY-M		#2	7-685-880-09	SCREW +BVTP 4X6 (S)	
Q653	8-749-010-25	TRANSISTOR MN2488-OPY-M		#3	7-685-645-79	SCREW +BVTP 3X6 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
MX : Mexican model
SP : Singapore model
E2 : AC 120 V area in E model
AR : Argentine model
KR : Korean model
TW : Taiwan model

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

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

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

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark				
BRIDGEABLE BOARD (DE595) *****											
< CONNECTOR >											
* CN906 1-564-214-11 PIN, CONNECTOR (3.96mm PITCH) 3P (DE595) * CN908 1-564-242-00 PIN, CONNECTOR (3.96mm PITCH) 5P (DE595) CNP904 1-691-765-11 PLUG (MICRO CONNECTOR) 3P (DE595)											
< DIODE >											
D818	8-719-911-19	DIODE 1SS119-25 (DE595)		< CAPACITOR >							
< TRANSISTOR >											
Q809	8-729-119-79	TRANSISTOR 2SC2785-FEK (DE595)		C1101 1-164-156-11 CERAMIC CHIP 0.1uF 25V C1102 1-126-947-11 ELECT 47uF 20% 16V C1103 1-164-156-11 CERAMIC CHIP 0.1uF 25V C1104 1-162-974-11 CERAMIC CHIP 0.01uF 50V C1105 1-126-947-11 ELECT 47uF 20% 16V							
< RESISTOR >											
R824	1-249-425-11	CARBON 4.7K 5% 1/4W (DE595)		C1106 1-164-156-11 CERAMIC CHIP 0.1uF 25V C1107 1-162-974-11 CERAMIC CHIP 0.01uF 50V C1108 1-164-156-11 CERAMIC CHIP 0.1uF 25V C1109 1-162-918-11 CERAMIC CHIP 18PF 5% 50V C1110 1-162-918-11 CERAMIC CHIP 18PF 5% 50V							
R830	1-249-401-11	CARBON 47 5% 1/4W (CND)		C1111 1-164-156-11 CERAMIC CHIP 0.1uF 25V C1112 1-162-974-11 CERAMIC CHIP 0.01uF 50V C1113 1-164-156-11 CERAMIC CHIP 0.1uF 25V C1114 1-162-905-11 CERAMIC CHIP 1PF 0.25PF 50V C1115 1-162-923-11 CERAMIC CHIP 47PF 5% 50V							
R830	1-249-404-81	CARBON 82 5% 1/4W (EXCEPT CND)		C1116 1-126-916-11 ELECT 1000uF 20% 6.3V C1117 1-164-156-11 CERAMIC CHIP 0.1uF 25V C1118 1-115-416-11 CERAMIC CHIP 0.001uF 5% 25V C1119 1-126-965-11 ELECT 22uF 20% 50V C1121 1-164-156-11 CERAMIC CHIP 0.1uF 25V							
R831	1-249-401-11	CARBON 47 5% 1/4W (CND)		C1123 1-164-156-11 CERAMIC CHIP 0.1uF 25V (DE595) C1124 1-164-156-11 CERAMIC CHIP 0.1uF 25V C1129 1-115-416-11 CERAMIC CHIP 0.001uF 5% 25V C1130 1-164-156-11 CERAMIC CHIP 0.1uF 25V C1131 1-162-927-11 CERAMIC CHIP 100PF 5% 50V							

A-4732-412-A DIGITAL BOARD, COMPLETE (DE595:US,CND) A-4732-431-A DIGITAL BOARD, COMPLETE (DE495:AEP,UK) A-4732-594-A DIGITAL BOARD, COMPLETE (DE595:AUS) A-4732-607-A DIGITAL BOARD, COMPLETE (DE595:MY,SP,KR) A-4732-612-A DIGITAL BOARD, COMPLETE (DE595:E2)											
A-4732-615-A DIGITAL BOARD, COMPLETE (DE595:MX,AR) A-4732-625-A DIGITAL BOARD, COMPLETE (DE595:AEP,UK) A-4732-631-A DIGITAL BOARD, COMPLETE (DE495:KR,SP,MY) A-4734-333-A DIGITAL BOARD, COMPLETE (DE595:TW) A-4734-359-A DIGITAL BOARD, COMPLETE (DE495:TW)											
A-4734-763-A DIGITAL BOARD, COMPLETE (DE495:AUS) *****											
7-685-646-79 SCREW +BVTP 3X8 TYPE2 IT-3											
C1201 1-164-156-11 CERAMIC CHIP 0.1uF 25V C1202 1-164-156-11 CERAMIC CHIP 0.1uF 25V C1203 1-164-156-11 CERAMIC CHIP 0.1uF 25V C1204 1-164-156-11 CERAMIC CHIP 0.1uF 25V C1205 1-164-156-11 CERAMIC CHIP 0.1uF 25V											
C1206 1-164-156-11 CERAMIC CHIP 0.1uF 25V C1207 1-164-156-11 CERAMIC CHIP 0.1uF 25V C1208 1-164-156-11 CERAMIC CHIP 0.1uF 25V C1209 1-164-156-11 CERAMIC CHIP 0.1uF 25V C1210 1-164-156-11 CERAMIC CHIP 0.1uF 25V											
C1211 1-126-935-11 ELECT 470uF 20% 10V C1212 1-126-935-11 ELECT 470uF 20% 10V C1213 1-164-156-11 CERAMIC CHIP 0.1uF 25V C1214 1-164-156-11 CERAMIC CHIP 0.1uF 25V C1216 1-162-927-11 CERAMIC CHIP 100PF 5% 50V											
C1218 1-162-927-11 CERAMIC CHIP 100PF 5% 50V C1219 1-164-156-11 CERAMIC CHIP 0.1uF 25V											

Ref. No.	Part No.	Description		Remark	Ref. No.	Part No.	Description		Remark	
C1220	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C1633	1-164-156-11	CERAMIC CHIP	0.1uF	25V
C1221	1-164-156-11	CERAMIC CHIP	0.1uF		25V (AEP,UK)	C1634	1-164-156-11	CERAMIC CHIP	0.1uF	25V
C1227	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1635	1-164-156-11	CERAMIC CHIP	0.1uF	25V
C1229	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1671	1-164-156-11	CERAMIC CHIP	0.1uF	25V
C1230	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1905	1-164-156-11	CERAMIC CHIP	0.1uF	25V
C1231	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1906	1-126-935-11	ELECT	470uF	20%
C1309	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1908	1-126-935-11	ELECT	470uF	20%
C1310	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1909	1-164-156-11	CERAMIC CHIP	0.1uF	25V
C1311	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1910	1-126-935-11	ELECT	470uF	20%
C1312	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1911	1-164-156-11	CERAMIC CHIP	0.1uF	25V
C1501	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V	C1912	1-126-935-11	ELECT	470uF	20%
C1502	1-128-131-11	ELECT	22uF	20%	50V	C1913	1-164-156-11	CERAMIC CHIP	0.1uF	25V
C1503	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1914	1-126-947-11	ELECT	47uF	20%
C1504	1-126-964-11	ELECT	10uF	20%	50V	C1915	1-126-947-11	ELECT	47uF	20%
C1505	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C1916	1-164-156-11	CERAMIC CHIP	0.1uF	25V
C1506	1-126-935-11	ELECT	470uF	20%	16V				(AEP,UK)	
C1507	1-126-964-11	ELECT	10uF	20%	50V					
C1508	1-164-156-11	CERAMIC CHIP	0.1uF		25V					
C1509	1-164-156-11	CERAMIC CHIP	0.1uF		25V					
C1510	1-126-947-11	ELECT	47uF	20%	16V					
C1511	1-164-156-11	CERAMIC CHIP	0.1uF		25V	CNP5	1-779-978-11	PIN, CONNECTOR 3P		
C1512	1-162-995-11	CERAMIC CHIP	0.022uF		50V	CNP6	1-784-929-11	PIN, CONNECTOR 14P		
C1513	1-164-156-11	CERAMIC CHIP	0.1uF		25V	CNS1	1-764-865-41	CONNECTOR, BOARD TO BOARD 13P		
C1514	1-164-156-11	CERAMIC CHIP	0.1uF		25V	CNS2	1-784-041-41	CONNECTOR, BOARD TO BOARD 9P		
C1515	1-126-935-11	ELECT	470uF	20%	10V	CNS3	1-784-923-11	PIN, CONNECTOR 7P		
C1516	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V	CNS4	1-569-309-11	SOCKET, CONNECTOR (L TYPE) 21P		
C1517	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V	CNS7	1-569-060-11	SOCKET, CONNECTOR 11P (EXCEPT AEP,UK)		
C1518	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V	CNS7	1-569-321-11	SOCKET, CONNECTOR 15P (AEP,UK)		
C1519	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V	CNS8	1-569-315-11	SOCKET, CONNECTOR 5P		
C1520	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V					
C1521	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V					
C1523	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V					
C1551	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V	D1001	8-719-016-74	DIODE 1SS352		
C1552	1-128-131-11	ELECT	22uF	20%	50V	D1101	8-719-016-74	DIODE 1SS352		
C1601	1-164-156-11	CERAMIC CHIP	0.1uF		25V	D1501	8-719-049-09	DIODE 1SS367-T3SONY		
C1602	1-164-156-11	CERAMIC CHIP	0.1uF		25V	D1502	8-719-049-09	DIODE 1SS367-T3SONY		
C1603	1-164-156-11	CERAMIC CHIP	0.1uF		25V	D1601	8-719-016-74	DIODE 1SS352		
C1604	1-164-156-11	CERAMIC CHIP	0.1uF		25V					
C1605	1-164-156-11	CERAMIC CHIP	0.1uF		25V					
C1606	1-126-947-11	ELECT	47uF	20%	16V					
C1607	1-164-156-11	CERAMIC CHIP	0.1uF		25V					
C1610	1-162-974-11	CERAMIC CHIP	0.01uF		50V	FB1101	1-414-813-11	FERRITE, EMI (SMD)		
C1611	1-162-974-11	CERAMIC CHIP	0.01uF		50V	FB1102	1-414-813-11	FERRITE, EMI (SMD)		
C1612	1-164-156-11	CERAMIC CHIP	0.1uF		25V	FB1104	1-469-152-11	FERRITE, EMI (SMD)		
C1613	1-162-995-11	CERAMIC CHIP	0.022uF		50V	FB1105	1-469-152-11	FERRITE, EMI (SMD)		
C1614	1-162-995-11	CERAMIC CHIP	0.022uF		50V	FB1201	1-414-813-11	FERRITE, EMI (SMD)		
C1615	1-162-995-11	CERAMIC CHIP	0.022uF		50V	FB1202	1-414-813-11	FERRITE, EMI (SMD)		
C1616	1-162-995-11	CERAMIC CHIP	0.022uF		50V	FB1203	1-469-152-11	FERRITE, EMI (SMD)		
C1617	1-162-974-11	CERAMIC CHIP	0.01uF		50V	FB1204	1-469-152-11	FERRITE, EMI (SMD)		
C1618	1-164-156-11	CERAMIC CHIP	0.1uF		25V	FB1501	1-414-813-11	FERRITE, EMI (SMD)		
C1619	1-164-156-11	CERAMIC CHIP	0.1uF		25V	FB1502	1-414-813-11	FERRITE, EMI (SMD)		
C1620	1-164-156-11	CERAMIC CHIP	0.1uF		25V					
C1624	1-164-156-11	CERAMIC CHIP	0.1uF		25V					
C1625	1-164-156-11	CERAMIC CHIP	0.1uF		25V					
C1626	1-164-156-11	CERAMIC CHIP	0.1uF		25V					
C1627	1-126-964-11	ELECT	10uF	20%	50V	IC1101	8-759-825-15	IC LC89056W-E		
C1632	1-164-156-11	CERAMIC CHIP	0.1uF		25V	IC1102	8-759-242-70	IC TC7WU04F		
						IC1105	6-600-014-01	IC TORX141L (DIGITAL) VIDEO 2 IN (OPTICAL)		
						IC1106	6-600-014-01	IC TORX141L (DIGITAL) CD/SACD IN (OPTICAL) (DE595)		
						IC1201	8-759-698-76	IC CXD9617R		

DIGITAL

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
IC1202	8-759-538-16	IC IS61LV6416-10TT(ISSI)		R1123	1-216-809-11	METAL CHIP	100 5% 1/10W (DE595)
IC1501	6-703-705-01	IC AK4527B		R1124	1-216-809-11	METAL CHIP	100 5% 1/10W
IC1502	8-759-710-97	IC NJM4565M-D		R1202	1-216-809-11	METAL CHIP	100 5% 1/10W
IC1503	8-759-231-53	IC TA7805S		R1203	1-216-833-11	METAL CHIP	10K 5% 1/10W
IC1552	8-759-710-97	IC NJM4565M-D		R1204	1-216-821-11	METAL CHIP	1K 5% 1/10W
IC1601	6-802-541-01	IC MB9047BPF-G-138-BND		R1205	1-216-809-11	METAL CHIP	100 5% 1/10W
IC1602	6-702-913-01	IC S-80929CNMC-G8Z-T2		R1206	1-216-809-11	METAL CHIP	100 5% 1/10W
IC1604	8-759-641-86	IC BR24C16F-E2		R1207	1-216-809-11	METAL CHIP	100 5% 1/10W
IC1901	6-701-887-02	IC SI-3004KWF		R1208	1-216-809-11	METAL CHIP	100 5% 1/10W
IC1902	8-759-656-35	IC NJM7810FA		R1209	1-216-809-11	METAL CHIP	100 5% 1/10W
IC1903	8-759-450-47	IC BA05T		R1210	1-216-833-11	METAL CHIP	10K 5% 1/10W
IC1904	8-759-445-59	IC BA033T		R1212	1-216-813-11	METAL CHIP	220 5% 1/10W
IC1905	8-759-647-10	IC uPC2933HF (AEP,UK)		R1213	1-216-813-11	METAL CHIP	220 5% 1/10W
		< JACK >		R1214	1-216-813-11	METAL CHIP	220 5% 1/10W
J1101	1-794-972-11	JACK, PIN 1P (DIGITAL DVD IN (COAXIAL))		R1215	1-216-813-11	METAL CHIP	220 5% 1/10W
		< JUMPER RESISTOR >		R1216	1-216-813-11	METAL CHIP	220 5% 1/10W
JR1112	1-216-864-11	METAL CHIP	0 5% 1/10W (EXCEPT AEP,UK)	R1217	1-216-813-11	METAL CHIP	220 5% 1/10W
JR1113	1-216-864-11	METAL CHIP	0 5% 1/10W (EXCEPT AEP,UK)	R1218	1-216-813-11	METAL CHIP	220 5% 1/10W
JR1114	1-216-864-11	METAL CHIP	0 5% 1/10W (EXCEPT AEP,UK)	R1219	1-216-813-11	METAL CHIP	220 5% 1/10W
JR1115	1-216-864-11	METAL CHIP	0 5% 1/10W (DE495)	R1220	1-216-813-11	METAL CHIP	220 5% 1/10W
JR1116	1-216-864-11	METAL CHIP	0 5% 1/10W	R1221	1-216-813-11	METAL CHIP	220 5% 1/10W
JR1121	1-216-864-11	METAL CHIP	0 5% 1/10W	R1222	1-216-813-11	METAL CHIP	220 5% 1/10W
JR1122	1-216-864-11	METAL CHIP	0 5% 1/10W	R1224	1-216-813-11	METAL CHIP	220 5% 1/10W
L1901	1-216-864-11	METAL CHIP	0 5% 1/10W	R1225	1-216-813-11	METAL CHIP	220 5% 1/10W
		< TRANSISTOR >		R1226	1-216-813-11	METAL CHIP	220 5% 1/10W
Q1601	8-729-027-43	TRANSISTOR DTC114EKA-T146		R1227	1-216-813-11	METAL CHIP	220 5% 1/10W
Q1602	8-729-230-49	TRANSISTOR 2SC2712-YG		R1228	1-216-813-11	METAL CHIP	220 5% 1/10W
		< RESISTOR >		R1229	1-216-813-11	METAL CHIP	220 5% 1/10W
R1100	1-216-857-11	METAL CHIP	1M 5% 1/10W	R1230	1-216-813-11	METAL CHIP	220 5% 1/10W
R1101	1-216-833-11	METAL CHIP	10K 5% 1/10W	R1231	1-216-813-11	METAL CHIP	220 5% 1/10W
R1102	1-216-833-11	METAL CHIP	10K 5% 1/10W	R1232	1-216-813-11	METAL CHIP	220 5% 1/10W
R1103	1-216-809-11	METAL CHIP	100 5% 1/10W	R1233	1-216-813-11	METAL CHIP	220 5% 1/10W
R1104	1-216-809-11	METAL CHIP	100 5% 1/10W	R1234	1-216-813-11	METAL CHIP	220 5% 1/10W
R1105	1-216-829-11	METAL CHIP	4.7K 5% 1/10W	R1235	1-216-813-11	METAL CHIP	220 5% 1/10W
R1106	1-216-839-11	METAL CHIP	33K 5% 1/10W	R1236	1-216-813-11	METAL CHIP	220 5% 1/10W
R1107	1-216-830-11	METAL CHIP	5.6K 5% 1/10W				
R1108	1-216-809-11	METAL CHIP	100 5% 1/10W	R1237	1-216-813-11	METAL CHIP	220 5% 1/10W
R1109	1-216-809-11	METAL CHIP	100 5% 1/10W	R1238	1-216-813-11	METAL CHIP	220 5% 1/10W
R1110	1-216-821-11	METAL CHIP	1K 5% 1/10W	R1239	1-216-813-11	METAL CHIP	220 5% 1/10W
R1111	1-216-821-11	METAL CHIP	1K 5% 1/10W	R1240	1-216-813-11	METAL CHIP	220 5% 1/10W
R1112	1-216-809-11	METAL CHIP	100 5% 1/10W	R1241	1-216-813-11	METAL CHIP	220 5% 1/10W
R1113	1-216-821-11	METAL CHIP	1K 5% 1/10W	R1242	1-216-813-11	METAL CHIP	220 5% 1/10W
R1114	1-216-809-11	METAL CHIP	100 5% 1/10W	R1243	1-216-813-11	METAL CHIP	220 5% 1/10W
R1115	1-216-833-11	METAL CHIP	10K 5% 1/10W	R1244	1-216-813-11	METAL CHIP	220 5% 1/10W
R1116	1-218-285-11	METAL CHIP	75 5% 1/10W	R1304	1-216-841-11	METAL CHIP	47K 5% 1/10W
R1117	1-216-821-11	METAL CHIP	1K 5% 1/10W	R1305	1-216-841-11	METAL CHIP	47K 5% 1/10W
R1118	1-216-854-11	METAL CHIP	560K 5% 1/10W	R1308	1-216-809-11	METAL CHIP	100 5% 1/10W
R1119	1-216-837-11	METAL CHIP	22K 5% 1/10W	R1314	1-216-864-11	METAL CHIP	0 5% 1/10W
R1121	1-216-809-11	METAL CHIP	100 5% 1/10W	R1364	1-216-864-11	METAL CHIP	0 5% 1/10W
R1122	1-216-809-11	METAL CHIP	100 5% 1/10W	R1501	1-216-815-11	METAL CHIP	330 5% 1/10W
R1123	1-216-809-11	METAL CHIP	100 5% 1/10W	R1502	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1124	1-216-809-11	METAL CHIP	100 5% 1/10W	R1503	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1125	1-216-809-11	METAL CHIP	100 5% 1/10W	R1504	1-216-815-11	METAL CHIP	330 5% 1/10W
R1126	1-216-809-11	METAL CHIP	100 5% 1/10W	R1505	1-216-830-11	METAL CHIP	5.6K 5% 1/10W
R1127	1-216-809-11	METAL CHIP	100 5% 1/10W	R1506	1-216-837-11	METAL CHIP	22K 5% 1/10W
R1128	1-216-809-11	METAL CHIP	100 5% 1/10W	R1507	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R1129	1-216-809-11	METAL CHIP	100 5% 1/10W	R1508	1-216-845-11	METAL CHIP	100K 5% 1/10W
R1130	1-216-809-11	METAL CHIP	100 5% 1/10W	R1509	1-216-821-11	METAL CHIP	1K 5% 1/10W

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
R1516	1-216-813-11	METAL CHIP	220	5%	1/10W	R1633	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1517	1-216-813-11	METAL CHIP	220	5%	1/10W	R1633	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1518	1-216-813-11	METAL CHIP	220	5%	1/10W	R1635	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1519	1-216-813-11	METAL CHIP	220	5%	1/10W	R1636	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1520	1-216-813-11	METAL CHIP	220	5%	1/10W	R1637	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1521	1-216-813-11	METAL CHIP	220	5%	1/10W	R1638	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1551	1-216-815-11	METAL CHIP	330	5%	1/10W	R1639	1-216-809-11	METAL CHIP	100	5%	1/10W
R1552	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1640	1-216-809-11	METAL CHIP	100	5%	1/10W
R1553	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1641	1-216-809-11	METAL CHIP	100	5%	1/10W
R1554	1-216-815-11	METAL CHIP	330	5%	1/10W	R1642	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1555	1-216-830-11	METAL CHIP	5.6K	5%	1/10W	R1643	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1556	1-216-837-11	METAL CHIP	22K	5%	1/10W	R1644	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1557	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R1645	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1600	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R1646	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1601	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1647	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1602	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R1648	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1603	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1649	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1604	1-216-809-11	METAL CHIP	100	5%	1/10W	R1650	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1605	1-216-809-11	METAL CHIP	100	5%	1/10W	R1651	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1606	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1654	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1607	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1655	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1608	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1656	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1609	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1657	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1610	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1658	1-216-809-11	METAL CHIP	100	5%	1/10W
R1611	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1659	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1612	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1660	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1613	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1662	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1614	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1663	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1615	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1664	1-216-809-11	METAL CHIP	100	5%	1/10W
R1616	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1665	1-216-809-11	METAL CHIP	100	5%	1/10W
R1617	1-216-809-11	METAL CHIP	100	5%	1/10W	R1666	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1618	1-216-809-11	METAL CHIP	100	5%	1/10W	R1666	1-216-864-11	METAL CHIP	0	5%	1/10W
R1619	1-216-809-11	METAL CHIP	100	5%	1/10W	R1667	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1621	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1668	1-216-833-11	METAL CHIP	10K	5%	(DE495)
R1622	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1669	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1623	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R1670	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1624	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1671	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1625	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1671	1-216-864-11	METAL CHIP	0	5%	(DE495)
R1626	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1672	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1627	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1673	1-216-809-11	METAL CHIP	100	5%	(DE495)
R1628	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1674	1-216-809-11	METAL CHIP	100	5%	1/10W
R1629	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1676	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1630	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1677	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1631	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R1678	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1632	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R1679	1-216-821-11	METAL CHIP	1K	5%	(DE495)
					(AEP,UK)	R1681	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1632	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R1682	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1632	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1683	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1632	1-216-841-11	METAL CHIP	47K	5%	1/10W	R1684	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1632	1-216-864-11	METAL CHIP	0	5%	1/10W	R1685	1-216-833-11	METAL CHIP	10K	5%	(US,CND)
R1633	1-216-833-11	METAL CHIP	10K	5%	1/10W						(AUS)

STR-DE495/DE595

Ver 1.1

DIGITAL

DISPLAY

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R1686	1-216-833-11	METAL CHIP	10K 5% 1/10W	C150	1-164-159-11	CERAMIC	0.1uF 50V
R1687	1-216-833-11	METAL CHIP	10K 5% 1/10W	C151	1-126-795-11	ELECT	10uF 20% 50V
R1688	1-216-864-11	METAL CHIP	0 5% 1/10W	C152	1-128-813-11	CERAMIC	220PF 5% 50V
R1689	1-216-833-11	METAL CHIP	10K 5% 1/10W	C153	1-128-813-11	CERAMIC	220PF 5% 50V
R1690	1-216-833-11	METAL CHIP	10K 5% 1/10W	C154	1-128-813-11	CERAMIC	220PF 5% 50V
R1694	1-216-821-11	METAL CHIP	1K 5% 1/10W	C155	1-164-159-11	CERAMIC	0.1uF 50V
R1698	1-216-829-11	METAL CHIP	4.7K 5% 1/10W	C156	1-164-159-11	CERAMIC	0.1uF 50V
R1699	1-216-829-11	METAL CHIP	4.7K 5% 1/10W	C157	1-164-159-11	CERAMIC	0.1uF 50V
R1703	1-216-833-11	METAL CHIP	10K 5% 1/10W				< CONNECTOR >
R1704	1-216-833-11	METAL CHIP	10K 5% 1/10W				
R1705	1-216-809-11	METAL CHIP	100 5% 1/10W (AEP,UK)	CNS100	1-569-324-11	SOCKET, CONNECTOR 21P	
R1706	1-216-833-11	METAL CHIP	10K 5% 1/10W				< DIODE >
R1707	1-216-833-11	METAL CHIP	10K 5% 1/10W	D101	8-719-084-07	LED SEL5E20C-TP15 (MULTI CHANNEL DECODING) (DE595)	
R1708	1-216-833-11	METAL CHIP	10K 5% 1/10W	D102	8-719-046-39	LED SEL5821A-TP15 (MUSIC)	
R1709	1-216-833-11	METAL CHIP	10K 5% 1/10W	D103	8-719-046-39	LED SEL5821A-TP15 (MOVIE)	
R1710	1-216-809-11	METAL CHIP	100 5% 1/10W (AEP,UK)	D104	8-719-046-39	LED SEL5821A-TP15 (A.F.D.)	
R1711	1-216-809-11	METAL CHIP	100 5% 1/10W (AEP,UK)	D105	8-719-046-39	LED SEL5821A-TP15 (2CH)	
							< FLUORESCENT INDICATOR >
			< VIBRATOR >				
X1101	1-795-126-21	VIBRATOR, CRYSTAL (12.288MHz)					
X1201	1-795-297-21	VIBRATOR, CERAMIC (13.59MHz)					
X1601	1-781-356-21	VIBRATOR, CERAMIC (16MHz)					

A-4731-177-A		DISPLAY BOARD, COMPLETE (DE495)		IC100	8-759-643-83	IC uPD16315GB-3BS	
A-4732-425-A		DISPLAY BOARD, COMPLETE (DE595)		IC101	8-759-036-90	IC MC74ACT08N	
				IC102	6-600-055-01	IC GP1UD27SXK (R)	
							< COIL >
*	3-386-245-13	HOLDER (FL)		L101	1-412-473-21	INDUCTOR (SMALL TYPE)	
*	4-921-941-01	CUSHION (FL)		L102	1-410-525-11	INDUCTOR 220uH	
							< TRANSISTOR >
			< CAPACITOR >				
C100	1-164-159-11	CERAMIC	0.1uF 50V	Q100	8-729-119-78	TRANSISTOR 2SC2785-HFE (DE595)	
C101	1-164-159-11	CERAMIC	0.1uF 50V				< RESISTOR >
C104	1-164-159-11	CERAMIC	0.1uF 50V (DE595)				
C105	1-126-795-11	ELECT	10uF 20% 50V	R101	1-249-417-11	CARBON 1K 5% 1/4W	
C108	1-164-159-11	CERAMIC	0.1uF 50V	R102	1-249-421-11	CARBON 2.2K 5% 1/4W	
C109	1-164-159-11	CERAMIC	0.1uF 50V	R103	1-249-421-11	CARBON 2.2K 5% 1/4W	
C110	1-128-821-11	CERAMIC	0.001uF 5% 50V	R104	1-249-425-11	CARBON 4.7K 5% 1/4W	
C111	1-128-813-11	CERAMIC	220PF 5% 50V	R105	1-249-429-11	CARBON 10K 5% 1/4W	
C112	1-128-813-11	CERAMIC	220PF 5% 50V	R106	1-249-433-11	CARBON 22K 5% 1/4W	
C114	1-164-159-11	CERAMIC	0.1uF 50V	R111	1-249-417-11	CARBON 1K 5% 1/4W	
C115	1-126-795-11	ELECT	10uF 20% 50V	R112	1-249-421-11	CARBON 2.2K 5% 1/4W	
C132	1-128-813-11	CERAMIC	220PF 5% 50V	R113	1-249-421-11	CARBON 2.2K 5% 1/4W	
C133	1-128-813-11	CERAMIC	220PF 5% 50V	R114	1-249-425-11	CARBON 4.7K 5% 1/4W	
C134	1-128-813-11	CERAMIC	220PF 5% 50V	R115	1-249-429-11	CARBON 10K 5% 1/4W	
C135	1-128-813-11	CERAMIC	220PF 5% 50V	R116	1-249-433-11	CARBON 22K 5% 1/4W (DE595)	
C136	1-128-813-11	CERAMIC	220PF 5% 50V	R121	1-249-417-11	CARBON 1K 5% 1/4W	
C137	1-128-813-11	CERAMIC	220PF 5% 50V	R122	1-249-421-11	CARBON 2.2K 5% 1/4W	
C138	1-128-813-11	CERAMIC	220PF 5% 50V	R123	1-249-421-11	CARBON 2.2K 5% 1/4W	
C139	1-128-813-11	CERAMIC	220PF 5% 50V	R124	1-249-425-11	CARBON 4.7K 5% 1/4W	
C140	1-128-813-11	CERAMIC	220PF 5% 50V	R125	1-249-429-11	CARBON 10K 5% 1/4W	
C141	1-128-813-11	CERAMIC	220PF 5% 50V	R131	1-249-417-11	CARBON 1K 5% 1/4W	
C142	1-128-813-11	CERAMIC	220PF 5% 50V	R132	1-249-421-11	CARBON 2.2K 5% 1/4W	
C143	1-128-813-11	CERAMIC	220PF 5% 50V	R133	1-249-421-11	CARBON 2.2K 5% 1/4W	
C144	1-164-159-11	CERAMIC	0.1uF 50V				

DISPLAY

HEADPHONE

MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R134	1-249-425-11	CARBON	4.7K	5%	1/4W	< JACK >	
R135	1-249-429-11	CARBON	10K	5%	1/4W	J791	1-815-313-21 JACK (PHONES) (SP,MY,KR,TW)
R136	1-249-433-11	CARBON	22K	5%	1/4W (DE595)	J791	1-815-314-21 JACK (PHONES) (EXCEPT SP,MY,KR,TW)
R141	1-249-421-11	CARBON	2.2K	5%	1/4W (DE595)	*****	*****
R150	1-249-440-11	CARBON	82K	5%	1/4W	A-4731-280-A	MAIN BOARD, COMPLETE (DE495:AEP,UK,AUS,KR,TW)
R153	1-247-807-31	CARBON	100	5%	1/4W	A-4732-423-A	MAIN BOARD, COMPLETE (DE595:US,CND)
R154	1-249-393-11	CARBON	10	5%	1/4W	A-4732-595-A	MAIN BOARD, COMPLETE (DE595:AEP,UK,AUS,KR,TW)
R155	1-249-441-11	CARBON	100K	5%	1/4W	A-4732-608-A	MAIN BOARD, COMPLETE (DE595:E2,MX,SP,MY,AR)
R160	1-249-402-11	CARBON	56	5%	1/4W (DE595)	A-4732-632-A	MAIN BOARD, COMPLETE (DE495:SP,MY)
R161	1-249-409-11	CARBON	220	5%	1/4W	*****	*****
R162	1-249-429-11	CARBON	10K	5%	1/4W (DE595)	7-685-646-79	SCREW +BVT 3X8 TYPE2 IT-3
R175	1-249-393-11	CARBON	10	5%	1/4W	< CAPACITOR >	
R198	1-249-381-11	CARBON	1	5%	1/4W	C371	1-127-880-11 CERAMIC
R199	1-249-381-11	CARBON	1	5%	1/4W	C372	1-127-880-11 CERAMIC
< SWITCH >							
S100	1-771-410-21	SWITCH, TACTILE (MENU <)				C373	1-127-880-11 CERAMIC
S101	1-771-410-21	SWITCH, TACTILE (MENU >)				C374	1-164-159-11 CERAMIC
S102	1-771-410-21	SWITCH, TACTILE (MAIN MENU)				C375	1-127-880-11 CERAMIC
S103	1-771-410-21	SWITCH, TACTILE (ENTER)				C376	1-127-880-11 CERAMIC
S104	1-771-410-21	SWITCH, TACTILE (INPUT MODE)				C400	1-164-159-11 CERAMIC
S105	1-771-410-21	SWITCH, TACTILE (MENU -)				C402	1-126-961-11 ELECT
S106	1-771-410-21	SWITCH, TACTILE (MENU +)				C404	1-126-961-11 ELECT
S110	1-771-410-21	SWITCH, TACTILE (TUNER FM/AM)				C405	1-126-961-11 ELECT
S111	1-771-410-21	SWITCH, TACTILE (CD) (DE495)				C406	1-126-963-11 ELECT
S111	1-771-410-21	SWITCH, TACTILE (CD/SACD) (DE595)				C407	1-126-961-11 ELECT
S112	1-771-410-21	SWITCH, TACTILE (MD/TAPE)				C408	1-126-963-11 ELECT
S113	1-771-410-21	SWITCH, TACTILE (DVD)				C409	1-126-963-11 ELECT
S114	1-771-410-21	SWITCH, TACTILE (MOVIE)				C411	1-126-961-11 ELECT
S115	1-771-410-21	SWITCH, TACTILE (MUSIC)				C412	1-126-961-11 ELECT
S116	1-771-410-21	SWITCH, TACTILE (MULTI CH IN) (DE595)				C413	2.2uF
S120	1-771-410-21	SWITCH, TACTILE (A.F.D.)				C414	20% 50V
S121	1-771-410-21	SWITCH, TACTILE (TUNING -)				C415	1-124-257-00 ELECT
S122	1-771-410-21	SWITCH, TACTILE (FM MODE)				C416	2.2uF 20% 50V
S123	1-771-410-21	SWITCH, TACTILE (TUNING +)				C417	1-124-257-00 ELECT
S124	1-771-410-21	SWITCH, TACTILE (2CH)				C418	2.2uF 20% 50V
S125	1-771-410-21	SWITCH, TACTILE (PRESET TUNING +)				C419	1-126-961-11 ELECT
S130	1-771-410-21	SWITCH, TACTILE (VIDEO 2)				C431	2.2uF 20% 50V
S131	1-771-410-21	SWITCH, TACTILE (VIDEO 1)				C432	1-126-961-11 ELECT
S132	1-771-410-21	SWITCH, TACTILE (PRESET TUNING -)				C433	2.2uF 20% 50V
S133	1-771-410-21	SWITCH, TACTILE (MEMORY)				C452	1-126-961-11 ELECT
S134	1-771-410-21	SWITCH, TACTILE (DISPLAY)				C454	2.2uF 20% 50V
S135	1-771-410-21	SWITCH, TACTILE (DIMMER)				C455	1-126-961-11 ELECT

HEADPHONE BOARD							

< CAPACITOR >							
C790	1-164-159-11	CERAMIC	0.1uF	50V	C456	1-126-963-11 ELECT	
C792	1-164-159-11	CERAMIC	0.1uF	50V	C457	4.7uF 20% 50V	

< CONNECTOR >							
CNP791	1-691-767-11	PLUG (MICRO CONNECTOR) 5P			C458	1-126-963-11 ELECT	
					C459	4.7uF 20% 50V	
					C460	1-126-961-11 ELECT	
					C461	2.2uF 20% 50V	
					C462	1-126-961-11 ELECT	
					C463	2.2uF 20% 50V	
					C464	1-164-159-11 CERAMIC	
						0.1uF	50V

MAIN

Ref. No.	Part No.	Description	Remark		Ref. No.	Part No.	Description	Remark			
C465	1-126-934-11	ELECT	220uF	20%	16V	C657	1-128-809-11	CERAMIC	100PF	5%	50V
C466	1-126-934-11	ELECT	220uF	20%	16V	C660	1-126-947-11	ELECT	47uF	20%	25V
C467	1-164-159-11	CERAMIC	0.1uF		50V	C661	1-136-157-00	FILM	0.022uF	5%	50V
C471	1-126-963-11	ELECT	4.7uF	20%	50V	C666	1-162-815-11	CERAMIC	47PF	5%	500V
C472	1-126-963-11	ELECT	4.7uF	20%	50V	C669	1-162-815-11	CERAMIC	47PF	5%	500V
C481	1-126-963-11	ELECT	4.7uF	20%	50V	C670	1-128-813-11	CERAMIC	220PF	5%	50V
C482	1-126-963-11	ELECT	4.7uF	20%	50V	C680	1-126-964-11	ELECT	10uF	20%	50V
C483	1-126-963-11	ELECT	4.7uF	20%	50V	C681	1-127-876-11	CERAMIC	0.01uF	10%	50V
C484	1-126-963-11	ELECT	4.7uF	20%	50V	C691	1-164-159-11	CERAMIC	0.1uF		50V
C485	1-126-963-11	ELECT	4.7uF	20%	50V	C700	1-128-825-11	CERAMIC	0.0022uF	5%	50V
C486	1-126-963-11	ELECT	4.7uF	20%	50V	C701	1-126-963-11	ELECT	4.7uF	20%	50V
C487	1-126-964-11	ELECT	10uF	20%	50V	C703	1-104-665-11	ELECT	100uF	20%	10V
C488	1-164-159-11	CERAMIC	0.1uF		50V	C704	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C489	1-128-809-11	CERAMIC	100PF	5%	50V	C705	1-102-233-00	CERAMIC	33PF	10%	500V
C490	1-128-809-11	CERAMIC	100PF	5%	50V	C706	1-128-813-11	CERAMIC	220PF	5%	50V
C491	1-126-963-11	ELECT	4.7uF	20%	50V	C707	1-128-809-11	CERAMIC	100PF	5%	50V
C492	1-126-963-11	ELECT	4.7uF	20%	50V	C710	1-126-947-11	ELECT	47uF	20%	25V
C493	1-126-963-11	ELECT	4.7uF	20%	50V	C711	1-136-157-00	FILM	0.022uF	5%	50V
C494	1-126-963-11	ELECT	4.7uF	20%	50V	C716	1-162-815-11	CERAMIC	47PF	5%	500V
C495	1-126-963-11	ELECT	4.7uF	20%	50V	C717	1-162-815-11	CERAMIC	47PF	5%	500V
C496	1-126-963-11	ELECT	4.7uF	20%	50V	C720	1-128-813-11	CERAMIC	220PF	5%	50V
C497	1-128-809-11	CERAMIC	100PF	5%	50V	C721	1-126-934-11	ELECT	220uF	20%	16V
C498	1-128-803-11	CERAMIC	33PF	5%	50V	C722	1-126-964-11	ELECT	10uF	20%	50V
C500	1-128-825-11	CERAMIC	0.0022uF	5%	50V	C732	1-128-582-11	ELECT	10uF	20%	100V
C501	1-126-963-11	ELECT	4.7uF	20%	50V	C733	1-128-582-11	ELECT	10uF	20%	100V
C503	1-104-665-11	ELECT	100uF	20%	10V	C740	1-126-964-11	ELECT	10uF	20%	50V
C504	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C741	1-128-579-11	ELECT	2.2uF	20%	100V
C505	1-101-810-00	CERAMIC	100PF	5%	500V	C742	1-127-876-11	CERAMIC	0.01uF	10%	50V
C506	1-101-810-00	CERAMIC	100PF	5%	500V	C750	1-126-964-11	ELECT	10uF	20%	50V
C507	1-128-809-11	CERAMIC	100PF	5%	50V	C751	1-126-963-11	ELECT	4.7uF	20%	50V
C508	1-128-809-11	CERAMIC	100PF	5%	50V	C752	1-127-876-11	CERAMIC	0.01uF	10%	50V
C510	1-126-947-11	ELECT	47uF	20%	25V	C753	1-104-665-11	ELECT	100uF	20%	10V
C511	1-136-157-00	FILM	0.022uF	5%	50V	C754	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C516	1-162-815-11	CERAMIC	47PF	5%	500V	C755	1-102-233-00	CERAMIC	33PF	10%	500V
C517	1-162-815-11	CERAMIC	47PF	5%	500V	C756	1-128-813-11	CERAMIC	220PF	5%	50V
C519	1-128-813-11	CERAMIC	220PF	5%	50V	C757	1-128-809-11	CERAMIC	100PF	5%	50V
C540	1-126-964-11	ELECT	10uF	20%	50V	C760	1-126-947-11	ELECT	47uF	20%	25V
C541	1-127-876-11	CERAMIC	0.01uF	10%	50V	C761	1-136-157-00	FILM	0.022uF	5%	50V
C601	1-126-963-11	ELECT	4.7uF	20%	50V	C766	1-162-815-11	CERAMIC	47PF	5%	500V
C603	1-104-665-11	ELECT	100uF	20%	10V	C767	1-162-815-11	CERAMIC	47PF	5%	500V
C604	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C770	1-128-813-11	CERAMIC	220PF	5%	50V
C605	1-102-233-00	CERAMIC	33PF	10%	500V	C800	1-128-825-11	CERAMIC	0.0022uF	5%	50V
C606	1-128-813-11	CERAMIC	220PF	5%	50V	C801	1-126-947-11	ELECT	(DE595)		
C607	1-128-809-11	CERAMIC	100PF	5%	50V	C802	1-126-947-11	ELECT	47uF	20%	35V
C610	1-126-947-11	ELECT	47uF	20%	25V	C803	1-165-498-11	ELECT	4700uF	20%	63V
C611	1-136-157-00	FILM	0.022uF	5%	50V	C804	1-165-946-11	ELECT	(DE495)		
C616	1-106-355-12	FILM	0.0033uF	5%	100V	C805	1-165-946-11	ELECT	6800uF	20%	71V
C617	1-106-355-12	FILM	0.0033uF	5%	100V	C806	1-165-960-11	ELECT	(DE595:US,CND,E2,MX,SP,MY,AR)		
C619	1-128-813-11	CERAMIC	220PF	5%	50V	C807	1-165-946-11	ELECT	6800uF	20%	71V
C620	1-162-815-11	CERAMIC	47PF	5%	500V	C808	1-165-946-11	ELECT	(DE595:AEP,UK,AUS,KR,TW)		
C621	1-162-815-11	CERAMIC	47PF	5%	500V	C809	1-165-498-11	ELECT	4700uF	20%	63V
C640	1-126-964-11	ELECT	10uF	20%	50V	C810	1-165-946-11	ELECT	(DE495)		
C642	1-127-876-11	CERAMIC	0.01uF	10%	50V	C811	1-165-946-11	ELECT	6800uF	20%	71V
C651	1-126-963-11	ELECT	4.7uF	20%	50V	C812	1-165-946-11	ELECT	(DE595:US,CND,E2,MX,SP,MY,AR)		
C653	1-104-665-11	ELECT	100uF	20%	10V	C813	1-165-960-11	ELECT	6800uF	20%	71V
C654	1-107-583-11	CERAMIC	3PF	0.25PF	500V	C814	1-135-851-21	MYLAR	(DE595:AEP,UK,AUS,KR,TW)		
C655	1-102-233-00	CERAMIC	33PF	10%	500V	C815	1-135-851-21	MYLAR	0.22uF		100V
C656	1-128-813-11	CERAMIC	220PF	5%	50V	C816	1-135-851-21	MYLAR	0.22uF		100V

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C807	1-104-665-11	ELECT	100uF	20%	10V	CC61	1-128-809-11	CERAMIC	100PF	5%	50V
C808	1-126-935-11	ELECT	470uF	20%	10V	CC62	1-128-809-11	CERAMIC	100PF	5%	50V
C810	1-164-159-11	CERAMIC	0.1uF		50V				(DE595:AEP,UK,AUS,KR,TW)		
C811	1-164-159-11	CERAMIC	0.1uF		50V				(DE595:AEP,UK,AUS,KR,TW)		
C820	1-164-159-11	CERAMIC	0.1uF		50V						
C821	1-164-159-11	CERAMIC	0.1uF		50V						
C822	1-126-947-11	ELECT	47uF	20%	35V	CNP501	1-573-845-11	CONNECTOR, BOARD TO BOARD 13P			
C830	1-164-159-11	CERAMIC	0.1uF		50V	CNP502	1-784-038-21	CONNECTOR, BOARD TO BOARD 9P			
C900	1-128-825-11	CERAMIC	0.0022uF	5%	50V	* CNP801	1-564-104-00	PIN, CONNECTOR (3.96mm PITCH) 3P			
C901	1-164-159-11	CERAMIC	0.1uF		50V	CNP802	1-691-767-11	PLUG (MICRO CONNECTOR) 5P			
C903	1-126-936-11	ELECT	3300uF	20%	16V	CNP911	1-784-929-11	PIN, CONNECTOR 14P			
CC02	1-128-809-11	CERAMIC	100PF	5%	50V						
			(AEP,UK,AUS,KR,TW)			CNP915	1-770-480-11	SOCKET, CONNECTOR 4P			
CC04	1-128-809-11	CERAMIC	100PF	5%	50V						
			(AEP,UK,AUS,KR,TW)								
CC05	1-128-809-11	CERAMIC	100PF	5%	50V						
			(AEP,UK,AUS,KR,TW)			D505	8-719-911-19	DIODE ISS119-25			
CC06	1-128-809-11	CERAMIC	100PF	5%	50V	D510	8-719-911-19	DIODE ISS119-25			
			(AEP,UK,AUS,KR,TW)			D540	8-719-911-19	DIODE ISS119-25			
CC07	1-128-809-11	CERAMIC	100PF	5%	50V	D560	8-719-911-19	DIODE ISS119-25			
			(AEP,UK,AUS,KR,TW)			D605	8-719-911-19	DIODE ISS119-25			
CC08	1-128-809-11	CERAMIC	100PF	5%	50V	D610	8-719-911-19	DIODE ISS119-25			
			(AEP,UK,AUS,KR,TW)			D640	8-719-911-19	DIODE ISS119-25			
CC09	1-128-809-11	CERAMIC	100PF	5%	50V	D665	8-719-911-19	DIODE ISS119-25			
			(AEP,UK,AUS,KR,TW)			D680	8-719-911-19	DIODE ISS119-25			
CC12	1-127-876-11	CERAMIC	0.01uF	10%	50V	D690	8-719-934-21	DIODE HZS30-1L			
CC14	1-127-876-11	CERAMIC	0.01uF	10%	50V						
			(AEP,UK,AUS,KR,TW)			D691	8-719-911-19	DIODE ISS119-25			
CC16	1-127-876-11	CERAMIC	0.01uF	10%	50V	D705	8-719-911-19	DIODE ISS119-25			
			(AEP,UK,AUS,KR,TW)			D710	8-719-911-19	DIODE ISS119-25			
CC18	1-127-876-11	CERAMIC	0.01uF	10%	50V	D721	8-719-911-19	DIODE ISS119-25			
			(AEP,UK,AUS,KR,TW)			D722	8-719-911-19	DIODE ISS119-25			
CC20	1-127-876-11	CERAMIC	0.01uF	10%	50V	D731	8-719-911-19	DIODE ISS119-25			
			(AEP,UK,AUS,KR,TW)			D732	8-719-911-19	DIODE ISS119-25			
CC31	1-128-809-11	CERAMIC	100PF	5%	50V	D733	8-719-911-19	DIODE ISS119-25			
			(DE595:AEP,UK,AUS,KR,TW)			D734	8-719-911-19	DIODE ISS119-25			
CC32	1-128-809-11	CERAMIC	100PF	5%	50V	D740	8-719-911-19	DIODE ISS119-25			
			(DE595:AEP,UK,AUS,KR,TW)			D750	8-719-911-19	DIODE ISS119-25			
CC33	1-127-876-11	CERAMIC	0.01uF	10%	50V	D765	8-719-911-19	DIODE ISS119-25			
			(DE595:AEP,UK,AUS,KR,TW)			D791	8-719-911-19	DIODE ISS119-25			
CC34	1-127-876-11	CERAMIC	0.01uF	10%	50V	D801	8-719-934-21	DIODE HZS30-1L			
			(DE595:AEP,UK,AUS,KR,TW)			D802	8-719-072-05	DIODE RBV-602LF-A			
CC41	1-128-809-11	CERAMIC	100PF	5%	50V						
			(DE595:AEP,UK,AUS,KR,TW)			D804	8-719-068-24	DIODE HZ5.6BP-TK			
CC42	1-128-809-11	CERAMIC	100PF	5%	50V	D851	8-719-911-19	DIODE ISS119-25 (DE595)			
			(DE595:AEP,UK,AUS,KR,TW)			D896	8-719-043-76	DIODE AK04V0			
CC52	1-128-809-11	CERAMIC	100PF	5%	50V	D902	8-719-024-99	DIODE 11ES2-NTA2B			
			(DE595:AEP,UK,AUS,KR,TW)			D903	8-719-024-99	DIODE 11ES2-NTA2B			
CC54	1-128-809-11	CERAMIC	100PF	5%	50V						
			(AEP,UK,AUS,KR,TW)			D904	8-719-024-99	DIODE 11ES2-NTA2B			
CC55	1-128-809-11	CERAMIC	100PF	5%	50V	D905	8-719-024-99	DIODE 11ES2-NTA2B			
			(AEP,UK,AUS,KR,TW)								
CC56	1-128-809-11	CERAMIC	100PF	5%	50V						
			(AEP,UK,AUS,KR,TW)			IC201	6-703-501-01	IC M61527FP			
CC57	1-128-809-11	CERAMIC	100PF	5%	50V	IC401	8-759-636-74	IC M5218AP-22			
			(AEP,UK,AUS,KR,TW)			IC501	8-749-011-16	IC STK350-230			
CC58	1-128-809-11	CERAMIC	100PF	5%	50V	IC601	8-759-636-74	IC M5218AP-22			
			(AEP,UK,AUS,KR,TW)			IC701	6-700-943-01	IC uPC2581V-S			
CC59	1-128-809-11	CERAMIC	100PF	5%	50V						
			(AEP,UK,AUS,KR,TW)			IC702	6-700-943-01	IC uPC2581V-S			
						IC801	8-759-649-68	IC uPC78M07AHF			
						IC802	8-759-604-95	IC M5F79M07L			

MAIN

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>				
< JACK >											
J401	1-793-775-12	JACK, PIN 6P (MULTI CH IN FRONT,SURROUND,CENTER,SUB WOOFER) (DE595)		Q748	8-729-900-36	TRANSISTOR DTC124ES					
J402	1-794-981-11	JACK, PIN 4P (CD IN,MD/TAPE OUT) (DE495)		Q750	8-729-281-53	TRANSISTOR 2SC1815-GR					
J402	1-794-981-11	JACK, PIN 4P (CD/SACD IN,MD/TAPE OUT) (DE595)		Q751	8-729-119-76	TRANSISTOR 2SA1175-HFE					
J403	1-794-981-11	JACK, PIN 4P (MD/TAPE IN,DVD AUDIO IN)		Q752	8-729-141-30	TRANSISTOR 2SC3623A-LK					
J404	1-774-411-11	JACK, PIN 6P (VIDEO 2 AUDIO IN, VIDEO 1 AUDIO OUT,VIDEO 1 AUDIO IN)		Q755	8-729-140-82	TRANSISTOR 2SA988-PAFAEA					
J405	1-774-785-11	JACK, PIN 1P (SUB WOOFER AUDIO OUT)		Q756	8-729-140-82	TRANSISTOR 2SA988-PAFAEA					
< COIL >											
L521	1-422-009-13	COIL, AIR-CORE		Q790	8-729-119-79	TRANSISTOR 2SC2785-FEK					
L601	1-422-009-13	COIL, AIR-CORE		Q801	8-729-140-97	TRANSISTOR 2SB734-34					
L651	1-422-009-13	COIL, AIR-CORE		Q851	8-729-119-79	TRANSISTOR 2SC2785-FEK (DE595)					
L701	1-422-009-13	COIL, AIR-CORE		< RESISTOR >							
L751	1-422-009-13	COIL, AIR-CORE		R360	1-249-441-11	CARBON 100K 5% 1/4W					
< TRANSISTOR >				R361	1-249-425-11	CARBON 4.7K 5% 1/4W					
Q361	8-729-823-22	TRANSISTOR 2SC3576		R362	1-249-425-11	CARBON 4.7K 5% 1/4W					
Q362	8-729-823-22	TRANSISTOR 2SC3576		R363	1-249-441-11	CARBON 100K 5% 1/4W					
Q363	8-729-823-22	TRANSISTOR 2SC3576		R366	1-249-429-11	CARBON 10K 5% 1/4W					
Q364	8-729-823-22	TRANSISTOR 2SC3576		R367	1-249-441-11	CARBON 100K 5% 1/4W					
Q365	8-729-823-22	TRANSISTOR 2SC3576		R368	1-249-437-11	CARBON 47K 5% 1/4W					
Q366	8-729-823-22	TRANSISTOR 2SC3576		R369	1-249-425-11	CARBON 4.7K 5% 1/4W					
Q379	8-729-900-63	TRANSISTOR DTA124ES		R370	1-249-425-11	CARBON 4.7K 5% 1/4W					
Q471	8-729-823-22	TRANSISTOR 2SC3576		R371	1-249-441-11	CARBON 100K 5% 1/4W					
Q501	8-729-119-76	TRANSISTOR 2SA1175-HFE		R372	1-249-441-11	CARBON 100K 5% 1/4W					
Q502	8-729-141-30	TRANSISTOR 2SC3623A-LK		R373	1-249-417-11	CARBON 1K 5% 1/4W					
Q505	8-729-140-82	TRANSISTOR 2SA988-PAFAEA		R374	1-249-417-11	CARBON 1K 5% 1/4W					
Q506	8-729-140-82	TRANSISTOR 2SA988-PAFAEA		R375	1-249-417-11	CARBON 1K 5% 1/4W					
Q540	8-729-281-53	TRANSISTOR 2SC1815-GR		R376	1-249-417-11	CARBON 1K 5% 1/4W					
Q550	8-729-119-79	TRANSISTOR 2SC2785-FEK		R377	1-249-417-11	CARBON 1K 5% 1/4W					
Q560	8-729-119-79	TRANSISTOR 2SC2785-FEK		R378	1-249-417-11	CARBON 1K 5% 1/4W					
Q601	8-729-119-76	TRANSISTOR 2SA1175-HFE		R379	1-249-425-11	CARBON 4.7K 5% 1/4W					
Q602	8-729-141-30	TRANSISTOR 2SC3623A-LK		R380	1-249-441-11	CARBON 100K 5% 1/4W					
Q605	8-729-140-82	TRANSISTOR 2SA988-PAFAEA		R381	1-249-429-11	CARBON 10K 5% 1/4W					
Q606	8-729-140-82	TRANSISTOR 2SA988-PAFAEA		R402	1-249-417-11	CARBON 1K 5% 1/4W					
Q610	8-729-119-79	TRANSISTOR 2SC2785-FEK		R404	1-249-417-11	CARBON 1K 5% 1/4W					
Q640	8-729-281-53	TRANSISTOR 2SC1815-GR		R405	1-249-417-11	CARBON 1K 5% 1/4W					
Q651	8-729-119-76	TRANSISTOR 2SA1175-HFE		R406	1-249-417-11	CARBON 1K 5% 1/4W					
Q652	8-729-141-30	TRANSISTOR 2SC3623A-LK		R407	1-249-417-11	CARBON 1K 5% 1/4W					
Q655	8-729-140-82	TRANSISTOR 2SA988-PAFAEA		R408	1-249-417-11	CARBON 1K 5% 1/4W					
Q656	8-729-140-82	TRANSISTOR 2SA988-PAFAEA		R409	1-249-417-11	CARBON 1K 5% 1/4W					
Q680	8-729-281-53	TRANSISTOR 2SC1815-GR		R410	1-249-437-11	CARBON 47K 5% 1/4W					
Q691	8-729-281-53	TRANSISTOR 2SC1815-GR		R411	1-249-417-11	CARBON 1K 5% 1/4W					
Q692	8-729-900-63	TRANSISTOR DTA124ES		R412	1-249-417-11	CARBON 1K 5% 1/4W	(DE595)				
Q701	8-729-119-76	TRANSISTOR 2SA1175-HFE		R430	1-249-437-11	CARBON 47K 5% 1/4W	(DE595)				
Q702	8-729-141-30	TRANSISTOR 2SC3623A-LK		R431	1-249-417-11	CARBON 1K 5% 1/4W	(DE595)				
Q705	8-729-140-82	TRANSISTOR 2SA988-PAFAEA		R432	1-249-417-11	CARBON 1K 5% 1/4W	(DE595)				
Q706	8-729-140-82	TRANSISTOR 2SA988-PAFAEA		R452	1-249-417-11	CARBON 1K 5% 1/4W					
Q710	8-729-119-79	TRANSISTOR 2SC2785-FEK		R454	1-249-417-11	CARBON 1K 5% 1/4W					
Q722	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA		R455	1-249-417-11	CARBON 1K 5% 1/4W					
Q723	8-729-119-79	TRANSISTOR 2SC2785-FEK		R456	1-249-417-11	CARBON 1K 5% 1/4W					
Q725	8-729-140-82	TRANSISTOR 2SA988-PAFAEA		R457	1-249-417-11	CARBON 1K 5% 1/4W					
Q740	8-729-281-53	TRANSISTOR 2SC1815-GR		R458	1-249-417-11	CARBON 1K 5% 1/4W					
Q747	8-729-900-63	TRANSISTOR DTA124ES		R459	1-249-417-11	CARBON 1K 5% 1/4W					
				R461	1-249-417-11	CARBON 1K 5% 1/4W	(DE595)				
				R462	1-249-417-11	CARBON 1K 5% 1/4W	(DE595)				

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
R469	1-249-417-11	CARBON	1K	5%	1/4W	R625	1-249-439-11	CARBON	68K	5%	1/4W
R470	1-249-437-11	CARBON	47K	5%	1/4W	R631	1-249-425-11	CARBON	4.7K	5%	1/4W
R471	1-249-415-11	CARBON	680	5%	1/4W	R634	1-249-404-81	CARBON	82	5%	1/4W
R472	1-249-417-11	CARBON	1K	5%	1/4W	R638	1-249-439-11	CARBON	68K	5%	1/4W
R473	1-249-425-11	CARBON	4.7K	5%	1/4W	R640	1-249-433-11	CARBON	22K	5%	1/4W
R474	1-249-429-11	CARBON	10K	5%	1/4W	R648	1-247-843-11	CARBON	3.3K	5%	1/4W
R475	1-249-421-11	CARBON	2.2K	5%	1/4W	R648	1-249-427-11	CARBON	6.8K	5%	(DE495)
R479	1-249-421-11	CARBON	2.2K	5%	1/4W	R651	1-249-417-11	CARBON	1K	5%	(DE595)
R499	1-249-437-11	CARBON	47K	5%	1/4W	R652	1-249-439-11	CARBON	68K	5%	1/4W
R501	1-249-417-11	CARBON	1K	5%	1/4W	R653	1-249-421-11	CARBON	2.2K	5%	1/4W
R502	1-249-439-11	CARBON	68K	5%	1/4W	R654	1-249-439-11	CARBON	68K	5%	1/4W
R503	1-249-421-11	CARBON	2.2K	5%	1/4W	R655	1-249-433-11	CARBON	22K	5%	1/4W
R504	1-249-411-11	CARBON	330	5%	1/4W	R656	1-249-433-11	CARBON	22K	5%	1/4W
R505	1-249-439-11	CARBON	68K	5%	1/4W	R657	1-249-431-11	CARBON	15K	5%	1/4W
R510	1-249-421-11	CARBON	2.2K	5%	1/4W	R660	1-249-421-11	CARBON	2.2K	5%	1/4W
R511	1-249-440-11	CARBON	82K	5%	1/4W	R661	1-249-440-11	CARBON	82K	5%	1/4W
R513	1-249-414-11	CARBON	560	5%	1/4W	R663	1-249-414-11	CARBON	560	5%	1/4W
R514	1-249-405-11	CARBON	100	5%	1/4W	R664	1-249-405-11	CARBON	100	5%	1/4W
R515	1-249-405-11	CARBON	100	5%	1/4W	R665	1-249-405-11	CARBON	100	5%	1/4W
R516	1-234-182-11	ENCAPSULATED COMPONENT	0.22X2	5W		R666	1-234-182-11	ENCAPSULATED COMPONENT	0.22X2	5W	
R517	1-249-393-11	CARBON	10	5%	1/4W	R667	1-249-393-11	CARBON	10	5%	1/4W
R520	1-249-425-11	CARBON	4.7K	5%	1/4W	R668	1-249-389-11	CARBON	4.7	5%	1/4W
R521	1-247-850-11	CARBON	6.2K	5%	1/4W	R669	1-249-425-11	CARBON	4.7K	5%	1/4W
R522	1-249-419-11	CARBON	1.5K	5%	1/4W	R671	1-247-850-11	CARBON	6.2K	5%	1/4W
R524	1-249-431-11	CARBON	15K	5%	1/4W	R672	1-249-419-11	CARBON	1.5K	5%	1/4W
R525	1-249-439-11	CARBON	68K	5%	1/4W	R673	1-249-437-11	CARBON	47K	5%	1/4W
R528	1-249-389-11	CARBON	4.7	5%	1/4W	R674	1-249-431-11	CARBON	15K	5%	1/4W
R531	1-249-425-11	CARBON	4.7K	5%	1/4W	R675	1-249-433-11	CARBON	22K	5%	1/4W
R532	1-249-425-11	CARBON	4.7K	5%	1/4W	R676	1-249-433-11	CARBON	22K	5%	1/4W
R533	1-249-437-11	CARBON	47K	5%	1/4W	R677	1-249-431-11	CARBON	15K	5%	1/4W
R534	1-249-404-81	CARBON	82	5%	1/4W	R678	1-249-433-11	CARBON	22K	5%	1/4W
R540	1-249-433-11	CARBON	22K	5%	1/4W	R680	1-249-433-11	CARBON	3.3K	5%	1/4W
R546	1-247-843-11	CARBON	3.3K	5%	1/4W	R681	1-247-843-11	CARBON	6.8K	5%	(DE495)
R546	1-249-427-11	CARBON	6.8K	5%	1/4W	R681	1-249-427-11	CARBON	6.8K	5%	(DE595)
R555	1-249-433-11	CARBON	22K	5%	1/4W	R690	1-247-887-00	CARBON	220K	5%	1/4W
R556	1-249-433-11	CARBON	22K	5%	1/4W	▲ R691	1-215-888-00	METAL OXIDE	220	5%	(US,CND)
R557	1-249-431-11	CARBON	15K	5%	1/4W	▲ R691	1-216-453-00	METAL OXIDE	270	5%	2W F
R560	1-249-429-11	CARBON	10K	5%	1/4W	▲ R692	1-215-889-00	METAL OXIDE	330	5%	2W F
R573	1-249-437-11	CARBON	47K	5%	1/4W	R693	1-249-429-11	CARBON	10K	5%	(EXCEPT US,CND)
R601	1-249-417-11	CARBON	1K	5%	1/4W	R694	1-249-429-11	CARBON	10K	5%	1/4W
R602	1-249-439-11	CARBON	68K	5%	1/4W	R695	1-249-429-11	CARBON	10K	5%	1/4W
R603	1-249-421-11	CARBON	2.2K	5%	1/4W	R696	1-249-435-11	CARBON	33K	5%	1/4W
R604	1-249-439-11	CARBON	68K	5%	1/4W	R698	1-249-429-11	CARBON	10K	5%	1/4W
R610	1-249-421-11	CARBON	2.2K	5%	1/4W	R699	1-247-895-00	CARBON	470K	5%	1/4W
R611	1-249-440-11	CARBON	82K	5%	1/4W	R701	1-249-417-11	CARBON	1K	5%	1/4W
R613	1-249-414-11	CARBON	560	5%	1/4W	R702	1-249-439-11	CARBON	68K	5%	1/4W
R614	1-249-405-11	CARBON	100	5%	1/4W	R703	1-249-421-11	CARBON	2.2K	5%	1/4W
R615	1-249-405-11	CARBON	100	5%	1/4W	R704	1-249-439-11	CARBON	68K	5%	1/4W
R616	1-234-182-11	ENCAPSULATED COMPONENT	0.22X2	5W		R710	1-249-421-11	CARBON	2.2K	5%	1/4W
R617	1-249-393-11	CARBON	10	5%	1/4W	R711	1-249-440-11	CARBON	82K	5%	1/4W
R618	1-249-389-11	CARBON	4.7	5%	1/4W	R713	1-249-414-11	CARBON	560	5%	1/4W
R620	1-249-425-11	CARBON	4.7K	5%	1/4W	R714	1-249-405-11	CARBON	100	5%	1/4W
R621	1-247-850-11	CARBON	6.2K	5%	1/4W	R715	1-249-405-11	CARBON	100	5%	1/4W
R622	1-249-419-11	CARBON	1.5K	5%	1/4W	R716	1-234-182-11	ENCAPSULATED COMPONENT	0.22X2	5W	
R623	1-249-437-11	CARBON	47K	5%	1/4W						
R624	1-249-431-11	CARBON	15K	5%	1/4W						

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STR-DE495/DE595

Ver 1.1

MAIN **POWER** **STANDBY**

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R717	1-249-393-11	CARBON	10 5% 1/4W	R803	1-249-389-11	CARBON	4.7 5% 1/4W
R718	1-249-389-11	CARBON	4.7 5% 1/4W	R804	1-249-426-11	CARBON	5.6K 5% 1/4W
R719	1-249-425-11	CARBON	4.7K 5% 1/4W	R806	1-249-433-11	CARBON	22K 5% 1/4W
R721	1-247-850-11	CARBON	6.2K 5% 1/4W	R851	1-249-404-81	CARBON	82 5% 1/4W
R722	1-249-419-11	CARBON	1.5K 5% 1/4W	R852	1-249-425-11	CARBON	4.7K 5% 1/4W (DE595)
R723	1-249-437-11	CARBON	47K 5% 1/4W	△ R910	1-243-635-11	FUSIBLE	0.33 5% 1/2W F
R724	1-249-431-11	CARBON	15K 5% 1/4W	RR11	1-249-393-11	CARBON	10 5% 1/4W (AEP,UK,AUS,KR,TW)
R725	1-249-439-11	CARBON	68K 5% 1/4W	RR12	1-249-393-11	CARBON	10 5% 1/4W (AEP,UK,AUS,KR,TW)
R731	1-249-425-11	CARBON	4.7K 5% 1/4W	RR13	1-249-393-11	CARBON	10 5% 1/4W (AEP,UK,AUS,KR,TW)
R732	1-249-381-11	CARBON	1 5% 1/4W	RR14	1-249-393-11	CARBON	10 5% 1/4W (AEP,UK,AUS,KR,TW)
R733	1-249-381-11	CARBON	1 5% 1/4W	RR15	1-249-393-11	CARBON	10 5% 1/4W (AEP,UK,AUS,KR,TW)
R734	1-249-404-81	CARBON	82 5% 1/4W	RR16	1-249-393-11	CARBON	10 5% 1/4W (DE595:AEP,UK,AUS,KR,TW)
R735	1-249-427-11	CARBON	6.8K 5% 1/4W	RR17	1-249-393-11	CARBON	10 5% 1/4W (DE595:AEP,UK,AUS,KR,TW)
R736	1-249-417-11	CARBON	1K 5% 1/4W				
R737	1-249-436-11	CARBON	39K 5% 1/4W				
R740	1-249-433-11	CARBON	22K 5% 1/4W				
R742	1-249-437-11	CARBON	47K 5% 1/4W				
R743	1-249-433-11	CARBON	22K 5% 1/4W				
R744	1-249-433-11	CARBON	22K 5% 1/4W				
R745	1-249-433-11	CARBON	22K 5% 1/4W				
R746	1-249-433-11	CARBON	22K 5% 1/4W				
R747	1-249-431-11	CARBON	15K 5% 1/4W				
R748	1-247-843-11	CARBON	3.3K 5% 1/4W (DE495)				
R748	1-249-427-11	CARBON	6.8K 5% 1/4W (DE595)				
R750	1-249-433-11	CARBON	22K 5% 1/4W				
R751	1-249-417-11	CARBON	1K 5% 1/4W				
R752	1-249-439-11	CARBON	68K 5% 1/4W				
R753	1-249-421-11	CARBON	2.2K 5% 1/4W				
R754	1-249-439-11	CARBON	68K 5% 1/4W				
R755	1-249-433-11	CARBON	22K 5% 1/4W				
R756	1-249-433-11	CARBON	22K 5% 1/4W				
R757	1-249-431-11	CARBON	15K 5% 1/4W				
R758	1-247-843-11	CARBON	3.3K 5% 1/4W (DE495)				
R758	1-249-427-11	CARBON	6.8K 5% 1/4W (DE595)				
R760	1-249-421-11	CARBON	2.2K 5% 1/4W				
R761	1-249-440-11	CARBON	82K 5% 1/4W				
R763	1-249-414-11	CARBON	560 5% 1/4W				
R764	1-249-405-11	CARBON	100 5% 1/4W				
R765	1-249-405-11	CARBON	100 5% 1/4W				
R766	1-234-182-11	ENCAPSULATED COMPONENT	0.22X2 5W				
R767	1-249-393-11	CARBON	10 5% 1/4W				
R768	1-249-389-11	CARBON	4.7 5% 1/4W				
R769	1-249-425-11	CARBON	4.7K 5% 1/4W				
R770	1-249-437-11	CARBON	47K 5% 1/4W				
R771	1-247-850-11	CARBON	6.2K 5% 1/4W				
R772	1-249-419-11	CARBON	1.5K 5% 1/4W				
R773	1-249-437-11	CARBON	47K 5% 1/4W				
R775	1-249-439-11	CARBON	68K 5% 1/4W				
R778	1-249-431-11	CARBON	15K 5% 1/4W				
R780	1-249-429-11	CARBON	10K 5% 1/4W				
R791	1-249-425-11	CARBON	4.7K 5% 1/4W				
△ R792	1-215-868-00	METAL OXIDE	680 5% 1W F				
R793	1-249-404-81	CARBON	82 5% 1/4W				
△ R794	1-215-868-00	METAL OXIDE	680 5% 1W F				
R802	1-249-404-81	CARBON	82 5% 1/4W				

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Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C816	1-126-942-61	ELECT	1000uF	20%	25V	▲ T902	1-435-435-11	TRANSFORMER, POWER	(AEP,UK,AUS,SP,MY,AR,KR)		
C920	1-164-159-11	CERAMIC	0.1uF		50V	▲ T902	1-435-563-11	TRANSFORMER, POWER (TW)	*****		
C921	1-164-159-11	CERAMIC	0.1uF		50V				*****		
C923	1-126-959-11	ELECT	0.47uF	20%	50V				*****		
C950	1-126-936-11	ELECT	3300uF	20%	16V				A-4731-175-A	VIDEO BOARD, COMPLETE	
			< CONNECTOR >						(DE495,DE595:AEP,UK)		
CNP901	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P				1-686-905-11		VIDEO BOARD (EXCEPT DE495,DE595:AEP,UK)	*****		
CNP902	1-580-843-11	PIN, CONNECTOR (POWER) 2P							*****		
CNP903	1-564-506-11	PLUG, CONNECTOR 3P							< CAPACITOR >		
CNP905	1-779-495-11	PLUG, CONNECTOR 4P				C200	1-128-805-11	CERAMIC	47PF	5%	50V
CNP906	1-568-106-11	PIN, CONNECTOR (3.96mm PITCH) 4P (E2)				C201	1-128-805-11	CERAMIC	47PF	5%	50V
CNP912	1-779-978-11	PIN, CONNECTOR 3P				C206	1-126-964-11	ELECT	10uF	20%	50V
			< DIODE >			C207	1-126-964-11	ELECT	10uF	20%	50V
D820	8-719-024-99	DIODE	11ES2-NTA2B			C208	1-126-964-11	ELECT	10uF	20%	50V
D821	8-719-024-99	DIODE	11ES2-NTA2B			C210	1-126-964-11	ELECT	10uF	20%	50V
D822	8-719-024-99	DIODE	11ES2-NTA2B			C213	1-126-934-11	ELECT	220uF	20%	10V
D823	8-719-024-99	DIODE	11ES2-NTA2B			C214	1-164-159-11	CERAMIC	0.1uF		50V
D901	8-719-911-19	DIODE	1SS119-25			C215	1-164-159-11	CERAMIC	0.1uF		50V
D910	8-719-024-99	DIODE	11ES2-NTA2B			C248	1-128-825-11	CERAMIC	0.0022uF	5%	50V
D911	8-719-024-99	DIODE	11ES2-NTA2B			C301	1-126-935-11	ELECT	470uF	20%	10V
D912	8-719-024-99	DIODE	11ES2-NTA2B			C302	1-126-935-11	ELECT	470uF	20%	10V
D913	8-719-024-99	DIODE	11ES2-NTA2B			C303	1-126-935-11	ELECT	470uF	20%	10V
D914	8-719-911-19	DIODE	1SS119-25			C308	1-126-964-11	ELECT	10uF	20%	50V
D915	8-719-911-19	DIODE	1SS119-25			C309	1-126-964-11	ELECT	10uF	20%	50V
			< EARTH TERMINAL >						(EXCEPT DE495,DE595:AEP,UK)		
* G901	1-537-738-21	TERMINAL, EARTH (US,CND)				C310	1-126-964-11	ELECT	10uF	20%	50V
			< TRANSISTOR >						(EXCEPT DE495,DE595:AEP,UK)		
Q901	8-729-119-79	TRANSISTOR	2SC2785-FEK			C311	1-126-964-11	ELECT	10uF	20%	50V
Q921	8-729-119-79	TRANSISTOR	2SC2785-FEK			C312	1-126-964-11	ELECT	10uF	20%	50V
			< RESISTOR >			C313	1-126-964-11	ELECT	10uF	20%	50V
▲ R810	1-243-634-11	FUSIBLE	0.22	5%	1/2W F	C317	1-126-947-11	ELECT	47uF	20%	25V
▲ R812	1-243-634-11	FUSIBLE	0.22	5%	1/2W F				(EXCEPT DE495,DE595:AEP,UK)		
▲ R901	1-219-237-11	SOLID	3.3M	20%	(US,CND)	C329	1-164-159-11	CERAMIC	0.1uF		50V
R902	1-249-437-11	CARBON	47K	5%	1/4W	C330	1-164-159-11	CERAMIC	0.1uF		50V
R903	1-249-425-11	CARBON	4.7K	5%	1/4W	C331	1-164-159-11	CERAMIC	0.1uF		50V
R904	1-249-381-11	CARBON	1	5%	1/4W	C332	1-164-159-11	CERAMIC	0.1uF		50V
R921	1-249-437-11	CARBON	47K	5%	1/4W	C338	1-126-947-11	ELECT	47uF	20%	25V
R922	1-249-435-11	CARBON	33K	5%	1/4W				(EXCEPT DE495,DE595:AEP,UK)		
R923	1-249-429-11	CARBON	10K	5%	1/4W	C809	1-126-934-11	ELECT	220uF	20%	10V
			< RELAY >			C824	1-164-159-11	CERAMIC	0.1uF		50V
▲ RY901	1-755-298-11	RELAY				C825	1-164-159-11	CERAMIC	0.1uF		50V
			< VOLTAGE SELECTOR >			C827	1-126-947-11	ELECT	47uF	20%	25V
▲ S901	1-786-055-21	SELECTOR, VOLTAGE (VOLTAGE SELECTOR)									
			(E2)								
			< CONNECTOR >								
			< TRANSFORMER >			CNP156	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
▲ T902	1-435-281-11	TRANSFORMER, POWER (US,CND,MX)				CNS250	1-569-315-11	SOCKET, CONNECTOR 5P			
▲ T902	1-435-434-11	TRANSFORMER, POWER (E2)									

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STR-DE495/DE595

Ver 1.1

VIDEO

VOL

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
< DIODE >							
D203	8-719-911-19	DIODE 1SS119-25				VOL BOARD	*****
D204	8-719-911-19	DIODE 1SS119-25				< CONNECTOR >	
< IC >							
IC203	6-701-890-01	IC NJM2595D				< ROTARY ENCODER >	
IC301	8-759-231-66	IC TC74HC4053AP	(EXCEPT DE495,DE595:AEP,UK)			RV102	1-418-725-41 ENCODER, ROTARY (12 TYPE) (MASTER VOLUME)
IC302	6-701-891-01	IC NJM2581D (EXCEPT DE495,DE595: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)		58	1-773-154-11	WIRE (FLAT TYPE) (21 CORE)	
J201	1-815-043-11	JACK, PIN 2P (VIDEO 1 VIDEO IN, MONITOR VIDEO OUT)		△103	1-696-847-11	CORD, POWER (AUS)	
J301	1-816-592-11	JACK, PIN 9P (COMPONENT VIDEO DVD IN,VIDEO 2 IN,MONITOR OUT) (EXCEPT DE495,DE595:AEP,UK)		△103	1-769-079-22	CORD, POWER (KR)	
		< TRANSISTOR >		△103	1-777-071-23	CORD, POWER (AEP,UK,E2,SP,MY)	
Q301	8-729-116-02	TRANSISTOR BA1A4M-TP (EXCEPT DE495,DE595:AEP,UK)		△103	1-783-532-11	CORD, POWER (US,CND,MX,TW)	
		< RESISTOR >		△103	1-783-941-12	CORD, POWER (AR)	
R200	1-247-804-11	CARBON 75 5% 1/4W		105	1-769-937-11	WIRE (FLAT TYPE) (11 CORE) (EXCEPT AEP,UK)	
R201	1-247-804-11	CARBON 75 5% 1/4W		105	1-773-001-11	WIRE (FLAT TYPE) (15 CORE) (AEP,UK)	
R218	1-247-804-11	CARBON 75 5% 1/4W		106	1-575-662-31	WIRE (FLAT TYPE) (5 CORE)	
R220	1-247-804-11	CARBON 75 5% 1/4W		△F901	1-532-464-31	FUSE (T.2.5AL/250V) (EXCEPT US,CND,MX,TW)	
R221	1-247-804-11	CARBON 75 5% 1/4W		△F901	1-576-109-11	FUSE (5A/125V) (DE495:TW)	
R301	1-247-804-11	CARBON 75 5% 1/4W (EXCEPT DE495,DE595:AEP,UK)		△F901	1-576-193-11	FUSE (6.3A/125V) (DE595:US,CND,MX,TW)	
R302	1-247-804-11	CARBON 75 5% 1/4W (EXCEPT DE495,DE595:AEP,UK)		Q503	8-749-010-25	TRANSISTOR MN2488-OPY-M	
R303	1-247-804-11	CARBON 75 5% 1/4W (EXCEPT DE495,DE595:AEP,UK)		Q504	8-749-010-26	TRANSISTOR MP1620-OPY-M	
R304	1-247-804-11	CARBON 75 5% 1/4W (EXCEPT DE495,DE595:AEP,UK)		Q603	8-749-010-25	TRANSISTOR MN2488-OPY-M	
R305	1-247-804-11	CARBON 75 5% 1/4W (EXCEPT DE495,DE595:AEP,UK)		Q604	8-749-010-26	TRANSISTOR MP1620-OPY-M	
R306	1-247-804-11	CARBON 75 5% 1/4W (EXCEPT DE495,DE595:AEP,UK)		Q653	8-749-010-25	TRANSISTOR MN2488-OPY-M	
R307	1-247-804-11	CARBON 75 5% 1/4W (EXCEPT DE495,DE595:AEP,UK)		Q654	8-749-010-26	TRANSISTOR MP1620-OPY-M	
R308	1-247-804-11	CARBON 75 5% 1/4W (EXCEPT DE495,DE595:AEP,UK)		Q703	8-749-010-25	TRANSISTOR MN2488-OPY-M	
R309	1-247-804-11	CARBON 75 5% 1/4W (EXCEPT DE495,DE595:AEP,UK)		Q704	8-749-010-26	TRANSISTOR MP1620-OPY-M	
R310	1-249-417-11	CARBON 1K 5% 1/4W (EXCEPT DE495,DE595:AEP,UK)		Q753	8-749-010-25	TRANSISTOR MN2488-OPY-M	
R311	1-249-417-11	CARBON 1K 5% 1/4W (EXCEPT DE495,DE595:AEP,UK)		Q754	8-749-010-26	TRANSISTOR MP1620-OPY-M	
R312	1-249-417-11	CARBON 1K 5% 1/4W (EXCEPT DE495,DE595:AEP,UK)		△T901	1-437-996-11	TRANSFORMER, POWER (DE495:AEP,UK,KR,SP,MY)	
R313	1-249-433-11	CARBON 22K 5% 1/4W (EXCEPT DE495,DE595:AEP,UK)		△T901	1-437-999-11	TRANSFORMER, POWER (DE495:AUS)	
R325	1-249-429-11	CARBON 10K 5% 1/4W (EXCEPT DE495,DE595:AEP,UK)		△T901	1-439-549-11	TRANSFORMER, POWER (DE595:US,MX)	
R347	1-247-807-31	CARBON 100 5% 1/4W (EXCEPT DE495,DE595:AEP,UK)		△T901	1-439-550-11	TRANSFORMER, POWER (DE595:AEP,UK,AUS,AR,KR)	
				△T901	1-439-551-11	TRANSFORMER, POWER (DE595:SP,MY)	
				△T901	1-439-552-11	TRANSFORMER, POWER (DE595:TW)	
				△T901	1-439-553-11	TRANSFORMER, POWER (DE595:E2)	
				△T901	1-439-609-11	TRANSFORMER, POWER (DE595:CND)	
				△T901	1-439-640-11	TRANSFORMER, POWER (DE495:TW)	
				TM301	1-693-577-22	TUNER PACK (ANTENNA) (US,CND,E2,MX,AR)	
				TM301	1-693-578-22	TUNER PACK (ANTENNA) (AEP,UK)	
				TM301	1-693-580-22	TUNER PACK (ANTENNA) (AUS,SP,MY,KR,TW)	

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<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
***** ACCESSORIES			

	1-477-204-41	COMMANDER, STANDARD (RM-U306A)	
	1-501-374-12	ANTENNA, LOOP (AM)	
	1-501-807-12	ANTENNA (FM) (AEP,UK,AUS,SP,MY)	
△	1-770-019-11	ADAPTOR, CONVERSION PLUG 3P (DE495:UK)	
△	1-770-019-51	ADAPTOR, CONVERSION PLUG 3P (DE595:UK)	
	1-793-184-22	CONNECTOR (F TYPE ADAPTOR) (US,CND,E2,AUS,MX)	
	4-228-696-01	COVER, BATTERY (for RM-U306A)	
	4-245-212-11	MANUAL, INSTRUCTION (DANISH,FINNISH) (AEP)	
	4-245-212-21	MANUAL, INSTRUCTION (PORTUGUESE) (AEP)	
	4-245-212-31	MANUAL, INSTRUCTION (RUSSIAN) (AEP)	
	4-245-327-11	MANUAL, INSTRUCTION (ENGLISH) (EXCEPT MX)	
	4-245-327-21	MANUAL, INSTRUCTION (FRENCH) (CND,AEP,E2,SP,MY)	
	4-245-327-31	MANUAL, INSTRUCTION (SPANISH) (AEP,E2,MX,SP,MY,AR)	
	4-245-327-41	MANUAL, INSTRUCTION (GERMAN,DUTCH, SWEDISH) (AEP)	
	4-245-327-51	MANUAL, INSTRUCTION (ITALIAN,POLISH) (AEP)	
	4-245-327-61	MANUAL, INSTRUCTION (TRADITIONAL CHINESE) (SP,MY,TW)	
	4-245-327-71	MANUAL, INSTRUCTION (KOREAN) (KR)	

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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.

Ver.	Date	Description of Revision
1.0	2003. 02	New
1.1	2003. 04	Argentine, Korean and Taiwan model addition.