

STR-DE495P/K750P

SERVICE MANUAL

Ver 1.1 2004.08



Photo : STR-K750P

- STR-DE495P/K750P are the tuner and the amplifier section in HT-DDW750.

US Model
Canadian Model
STR-K750P
AEP Model
UK Model
STR-DE495P
E Model
Australian Model
STR-K750P

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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 0.7 % total harmonic distortion from 250 milliwatts to rated output (Models of area code U only).

Amplifier section

POWER OUTPUT

Models of area code U, CA
Rated Power Output at Stereo Mode
(8 ohms 40 Hz – 20 kHz, THD 0.7 %)
STR-K750P: 90 W + 90 W

Reference Power Output

(8 ohms 1 kHz, THD 0.7 %)
STR-K750P: FRONT¹⁾: 100 W/ch
CENTER¹⁾: 100 W
SURR¹⁾: 100 W/ch

Models of area code CEL,CEK

Rated Power Output at Stereo Mode
(8 ohms 1 kHz, THD 0.7 %)
STR-DE495P: 80 W + 80 W²⁾

Reference Power Output²⁾

(8 ohms 1 kHz, THD 0.7 %)
STR-DE495P: FRONT¹⁾: 80 W/ch
CENTER¹⁾: 80 W
SURR¹⁾: 80 W/ch

Models of area code MX

Rated Power Output at Stereo Mode
(8 ohms 1 kHz, THD 0.7 %)
STR-K750P: 90 W + 90 W

Reference Power Output

(8 ohms 1 kHz, THD 0.7 %)
STR-K750P: FRONT¹⁾: 90 W/ch
CENTER¹⁾: 90 W
SURR¹⁾: 90 W/ch

Models of other area code

Rated Power Output at Stereo Mode
(8 ohms 1 kHz, THD 0.7 %)
STR-K750P: 90 W + 90 W²⁾

Reference Power Output²⁾

(8 ohms 1 kHz, THD 0.7 %)
STR-K750P: FRONT¹⁾: 90 W/ch
CENTER¹⁾: 90 W
SURR¹⁾: 90 W/ch

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/E3	120/220/240 V AC, 50/60 Hz
SP, CEL, CEK	230 V AC, 50 Hz

Frequency response

CD, MD/TAPE, DVD, VIDEO 1, 2: 10 Hz – 50 kHz
+0.5/-2 dB (with sound field and tone bypassed)

Inputs (Analog)

CD, MD/TAPE, DVD, VIDEO 1, 2: Sensitivity: 500 mV
Impedance: 50 kilohms
S/N³⁾: 96 dB
(A, 500 mV⁴⁾)

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

4) Weighted network, input level.

— Continued on next page —

FM STEREO FM-AM RECEIVER

9-877-046-02
2004H16-1
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Sony Corporation

Audio Group

Published by Sony Engineering Corporation

SONY®

Inputs (Digital)

DVD (Coaxial)	Sensitivity: – Impedance: 75 ohms S/N: 100 dB (A, 20 kHz LPF)
VIDEO 2 (Optical)	Sensitivity: – Impedance: – S/N: 100 dB (A, 20 kHz LPF)

Outputs

MD/TAPE (OUT), VIDEO 1 (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 U, CA

With 10-kHz tuning scale: 530 – 1710 kHz⁵⁾

With 9-kHz tuning scale: 531 – 1710 kHz⁵⁾

Models of area code E2/E3

With 10-kHz tuning scale: 530 – 1610 kHz⁵⁾

With 9-kHz tuning scale: 531 – 1602 kHz⁵⁾

Models of area code CEL, CEK, SP, AU

With 9-kHz tuning scale: 531 – 1602 kHz

Models of area code MX

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 I/⏻. All preset stations will be erased when you change the tuning scale. To reset the scale to 10 kHz (or 9 kHz), repeat the procedure.

Video section

Inputs

Video: 1 Vp-p, 75 ohms

Outputs

Video: 1 Vp-p, 75 ohms

General

Power requirements

Area code	Power requirements
U, CA, MX	120 V AC, 60 Hz
CEL, CEK	230 V AC, 50/60 Hz
SP	220 – 230 V AC, 50/60 Hz
E2/E3	120/220/240 V AC, 50/60 Hz
AU	240 V AC, 50Hz

Power consumption

Area code	Power consumption
U, MX	185 W
CA	270 VA
CEL, CEK, SP, AU	180 W
E2/E3	190 W

Power consumption (during standby mode)

0.3 W

Dimensions

430 × 145 × 298 mm
(16 7/8 × 5 6/8 × 11 6/8
inches) including
projecting parts and
controls

Mass (Approx.)

7.2 kg (15 lb 14 oz)

Design and specifications are subject to change without notice.

- Abbreviation
 - CA : Canadian model.
 - CEL : AEP model.
 - CEK : UK model.
 - SP : Singapore model. (Malaysia model included.)
 - MX : Mexican model.
 - AU : Australian model

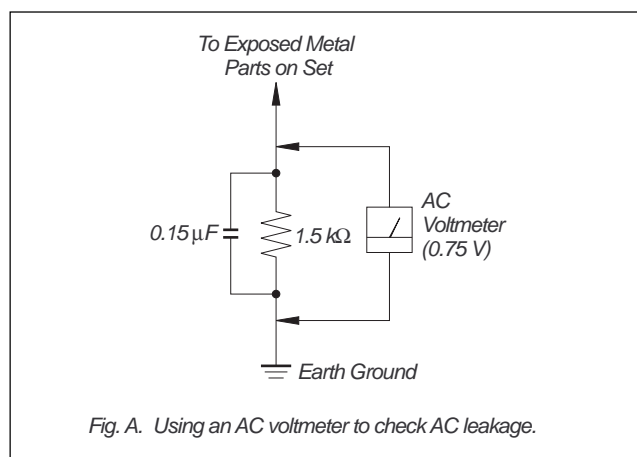
SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks 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

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

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



Notes on chip component replacement

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

Unleaded solder

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

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



: LEAD FREE MARK

Unleaded solder has the following characteristics.

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

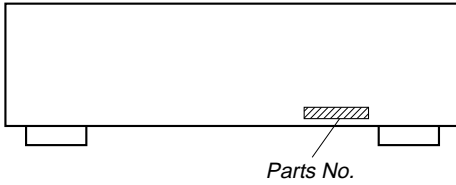
SAFETY-RELATED COMPONENT WARNING!!

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

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

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

MODEL IDENTIFICATION
— BACK PANEL —



MODEL	PARTS No.
US model	4-244-031-0□
Canadian model	4-244-031-1□
Australian model	4-244-031-2□
Singapore model	4-244-031-3□
E	4-244-031-4□
AEP model	4-244-031-5□
UK model	4-244-031-6□
Mexican model	4-244-031-7□

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SECTION 1 GENERAL

This section is extracted from instruction manual.

ALPHABETICAL ORDER

A - L

- SURROUND (button/indicator) **20**
(EXCEPT US, Canadian model)
- A. F. D (button/indicator) **20**
(US, Canadian model)
- CD **9** (20)
- DIMMER **3** (21)
- DISPLAY **2** (21, 31, 46)
- Display **11** (21)
- DVD **7** (20)
- ENTER **15** (33, 35)
- FM MODE **24** (29)
- INPUT MODE **13** (20)
- IR (receptor) **4** (36, 46)

M - O

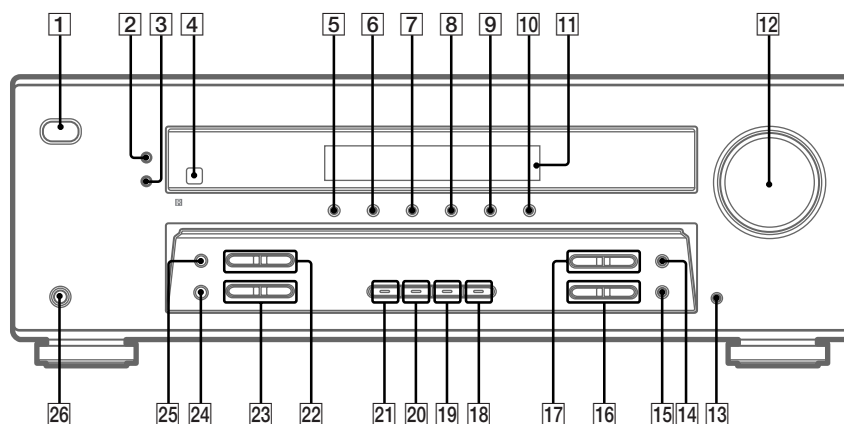
- MAIN MENU **14** (15, 26, 27, 33, 34, 51)
- MASTER VOLUME **12** (18, 20, 44)
- MD/TAPE **8** (20)
- MEMORY **25** (28, 30)
- MENU +/- **16** (15, 26, 27, 33, 34, 51)
- MENU </> **17** (15, 26, 27, 33, 34, 51)
- MOVIE (button/indicator) **19** (23, 45)
- MUSIC (button/indicator) **18** (23, 24, 45)

P - Z

- PHONES (jack) **26** (20, 25, 45)
- PRESET TUNING +/- **22** (30, 48)
- TUNER FM/AM **10** (20, 29, 30, 33)
- TUNING +/- **23** (29)
- VIDEO 1 **5** (20)
- VIDEO 2 **6** (20)

NUMBERS AND SYMBOLS

- 2CH (button/indicator) **21** (22, 24, 27)
- I/⏻ (power) **1** (14, 19, 27, 28, 35, 48)



SECTION 2 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 again. The message "FACTORY" appears and the present contents are reset to the default values.

AM CHANNEL STEP 9 KHZ/10 KHZ SELECTION MODE

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

* Procedure:

Set the FUNCTION to AM. 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 "9 k STEP" or "10 k STEP" appears. Select the desired step.

* For US/Canadian/E model only

SPEAKER SIZE SELECTION MODE

* Either Normal Speaker or Micro Satellite Speaker can be selected.

* Procedure:

While depressing the **MAIN MENU** button, press the **I/O** button to turn the main power.

Either the message "NORM. SP." or "MICRO SP." is displayed. Select the desired speaker size.

FLUORESCENT INDICATOR TUBE TEST MODE

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

* Procedure:

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 turn on.

4. Press the **VIDEO1** button, All segments and all LEDs turn off.

5. Every pressing of the **VIDEO1** button turns on each segment and LED one after another in the same order.

(Not only the **VIDEO1** button, but also the other buttons such as **VIDEO2**, **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 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.

KEY CHECK MODE

* Button check

* Procedure:

While depressing the **MUSIC** and the **TUNING-** buttons simultaneously, press the power **I/O** button to turn on the main power.

"REST 25" appears.

Every pressing of any button other than **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.

AUTOBETICAL MODE

* This mode is installed in the Europe models 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:

1. Check that the antenna is connected.
2. Press the **I/O** button to turn on the power while pressing the **MEMORY** button.
3. The message appears and the receiver starts scanning.

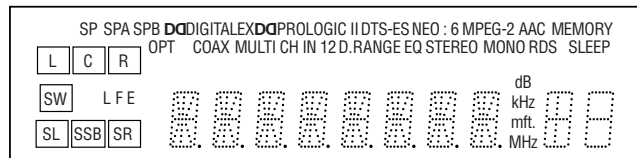
COMMAND MODE SELECTION MODE

* The command mode (AV1 or AV2) of the remote commander can be selected.

* Procedure:

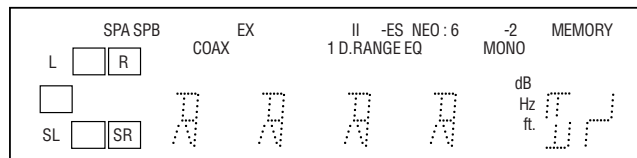
1. While depressing the **ENTER** button, press the **I/O** button to turn on the main power.
2. The message "C.MODE.AV 1" or "C.MODE.AV 2" appears for a moment. Select the desired mode.

*1) **A. F. D** is used in US and Canadian models.



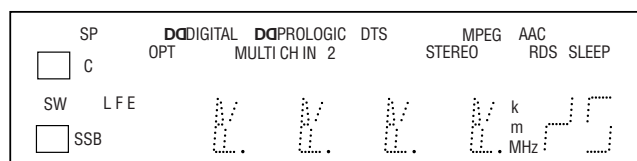
2CH, **SURROUND**^{*1)}, **MOVIE** and **MUSIC** LED turn on.

2. Press the **VIDEO** button, confirm display.



2CH and **MOVIE** LED turn on.

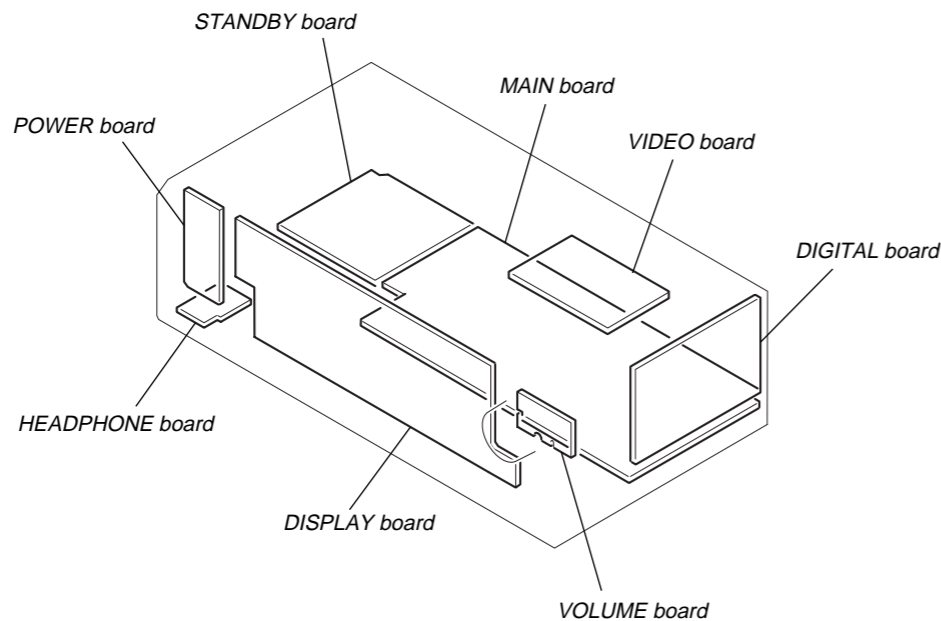
3. Press the **VIDEO** button, confirm display



SURROUND^{*1)} and **MUSIC** LED turn on.

**SECTION 3
DIAGRAMS**

3-1. Circuit Board Location



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

For schematic diagrams.

Note:

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

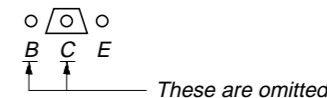
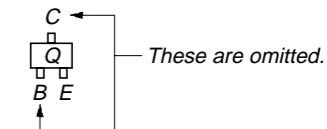
<p>Note: The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.</p>	<p>Note: Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.</p>
--	--

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

For printed wiring boards.

Note:

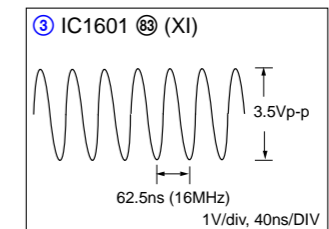
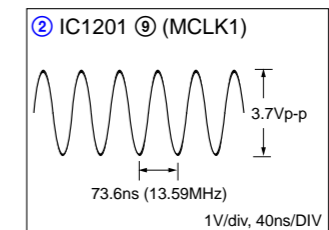
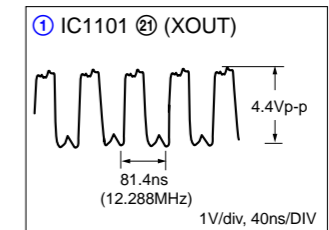
- : parts extracted from the component side.
- \circ : Through hole.
- Δ : internal component.
- : Pattern from the side which enables seeing.



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

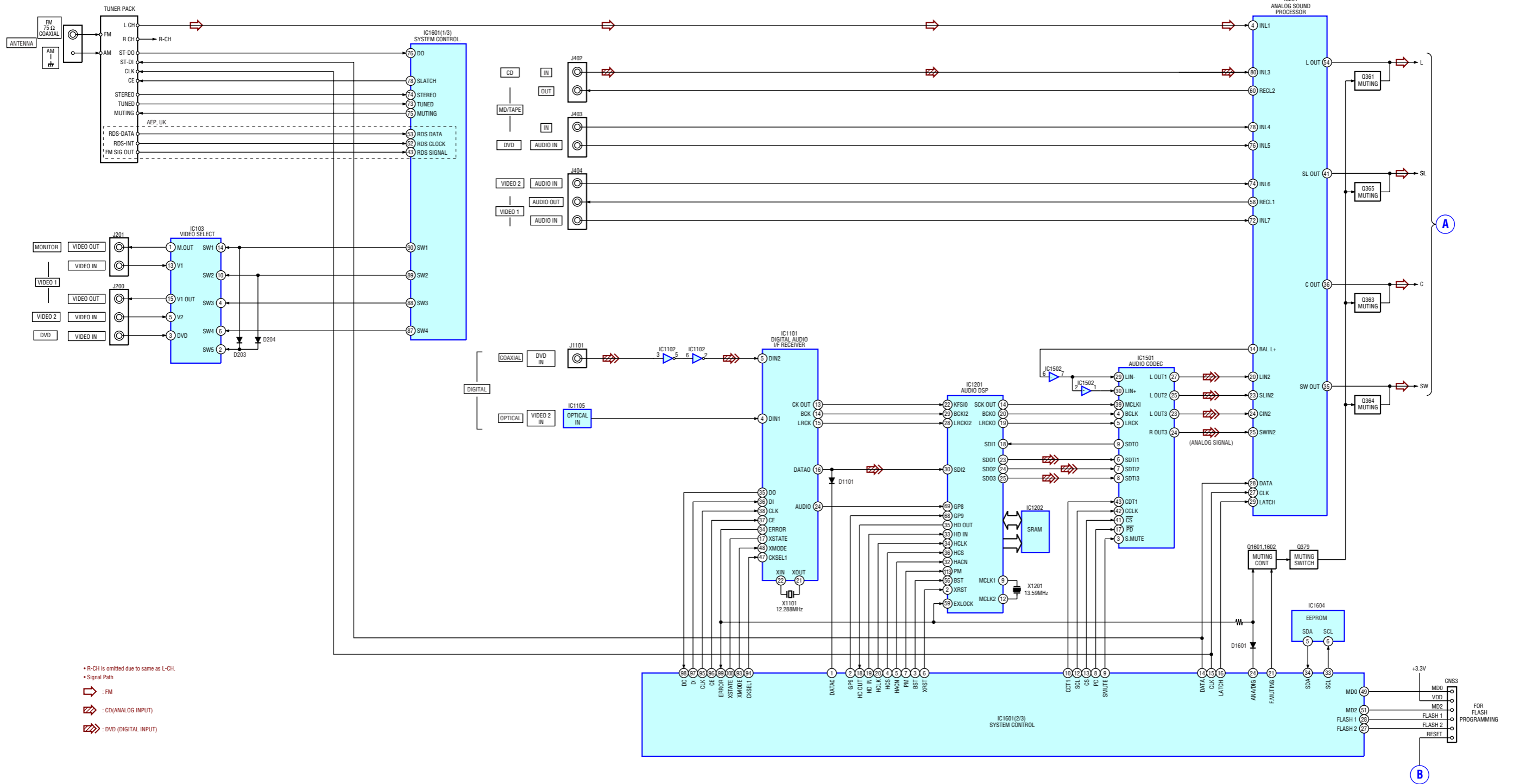
• Waveform

DIGITAL Board

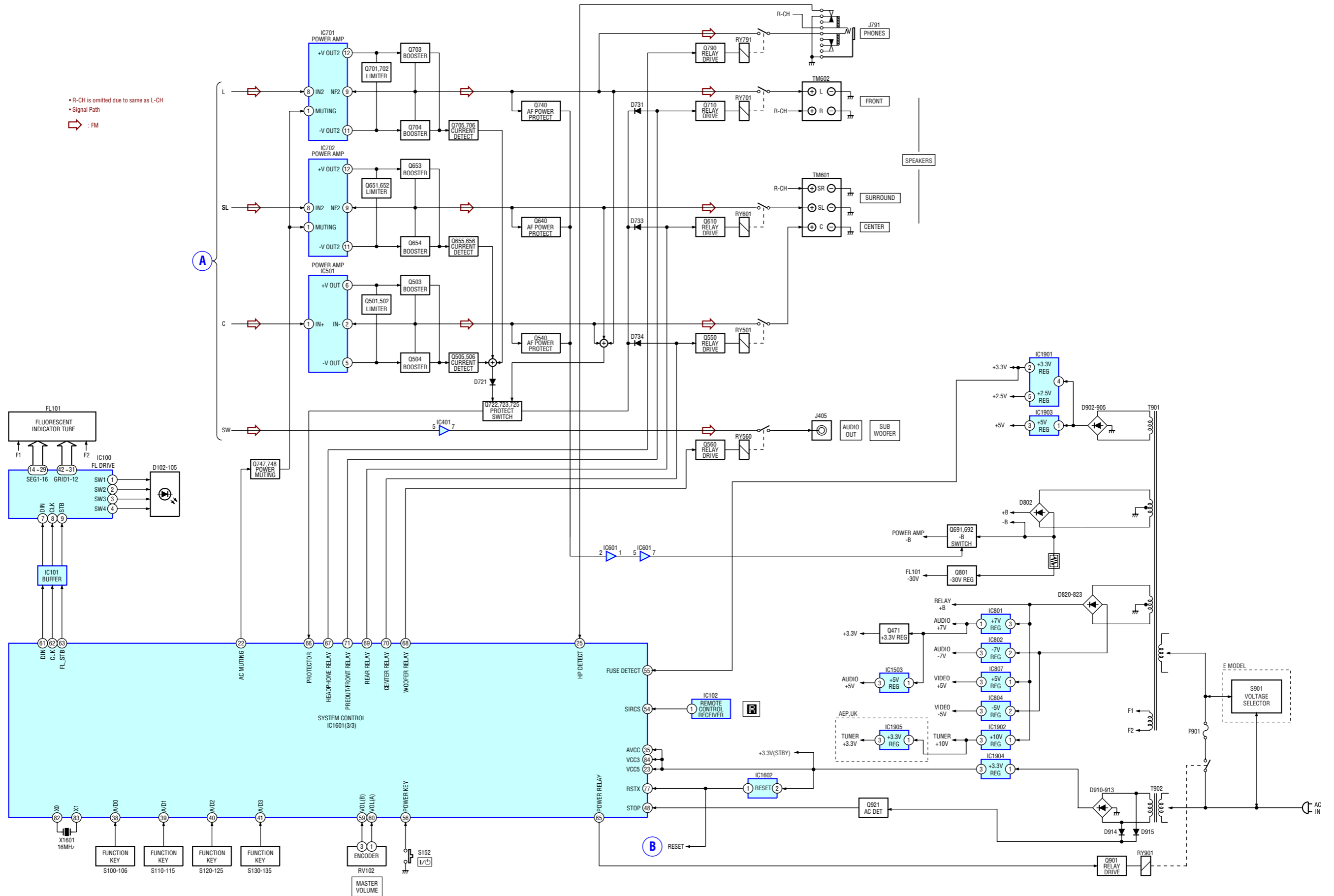


STR-DE495P/K750P

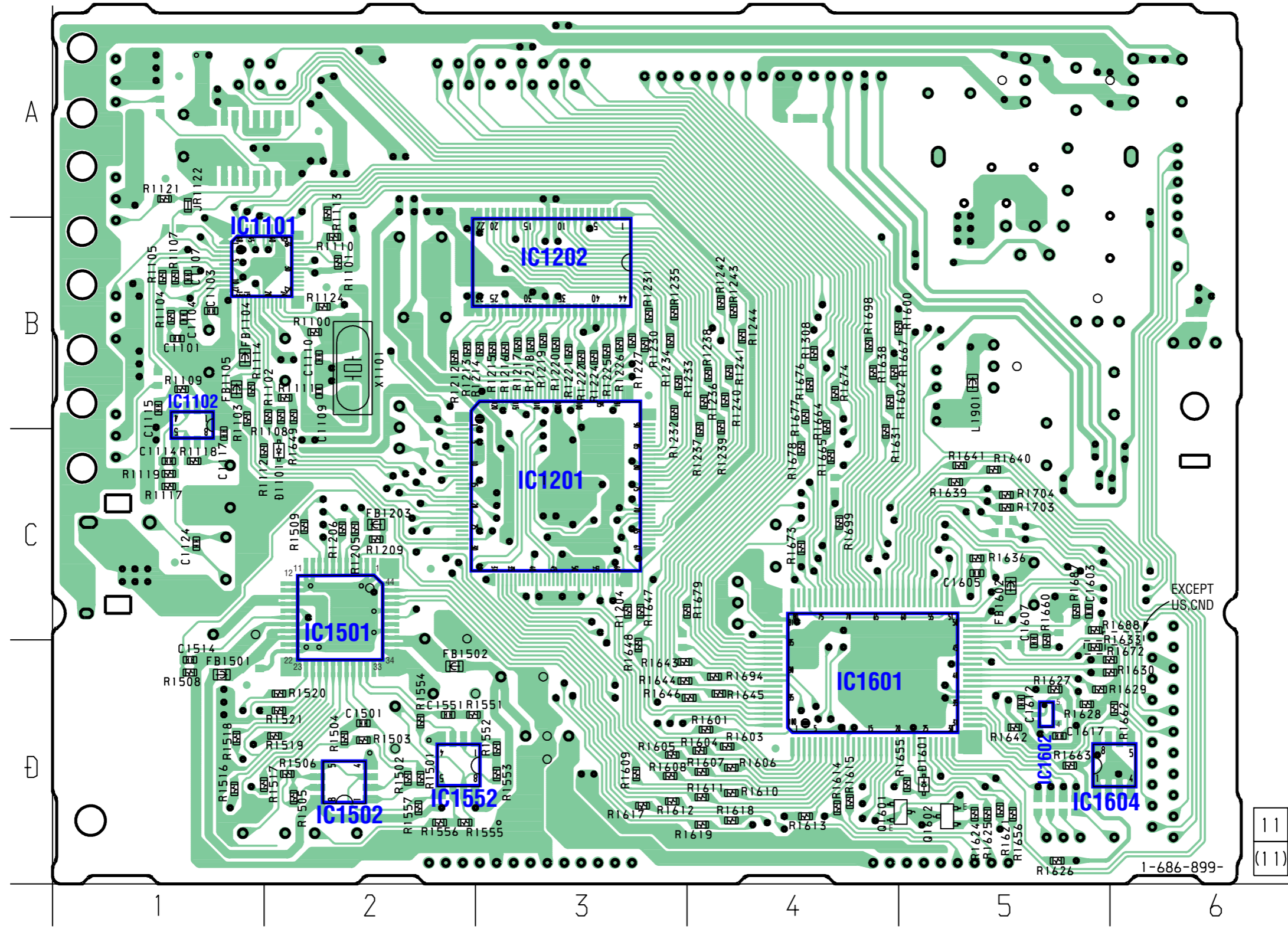
3-2. Block Diagrams – MAIN Section –



- DISPLAY/POWER Section -



【DIGITAL BOARD】(SIDE A)




• Semiconductor Location

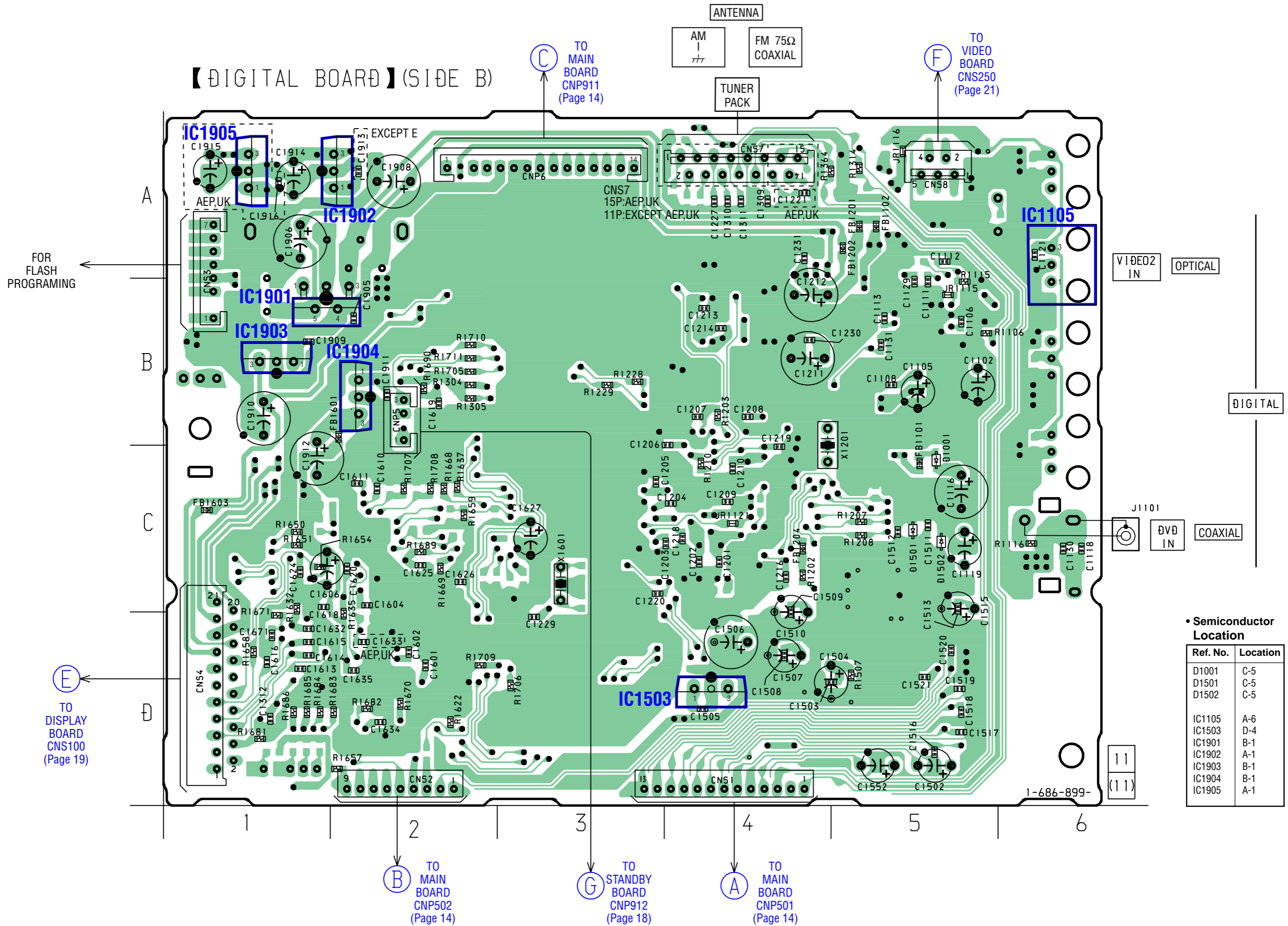
Ref. No.	Location
D1101	C-2
D1601	D-5
IC1101	B-2
IC1102	B-1
IC1201	C-3
IC1501	D-2
IC1502	D-2
IC1552	D-2
IC1601	D-4
IC1602	D-5
IC1604	D-5
Q1601	D-4
Q1602	D-5

EXCEPT U.S.CND

11
(11)

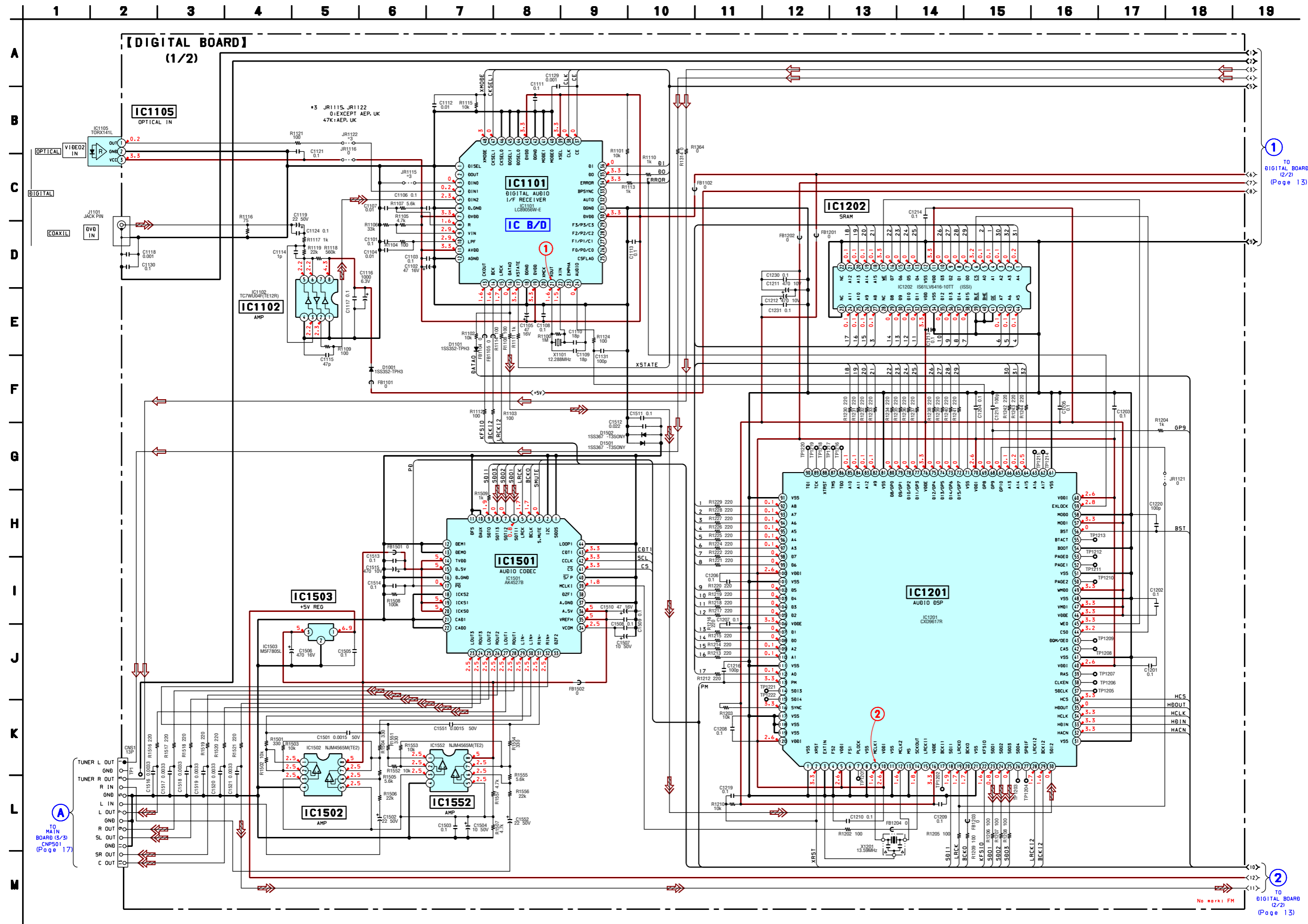
1-686-899-

3-4. Printed Wiring Board – DIGITAL Board (SIDE B) – • See page 7 for Circuit Boards Location. •  : Uses unleaded solder.



• Semiconductor Location

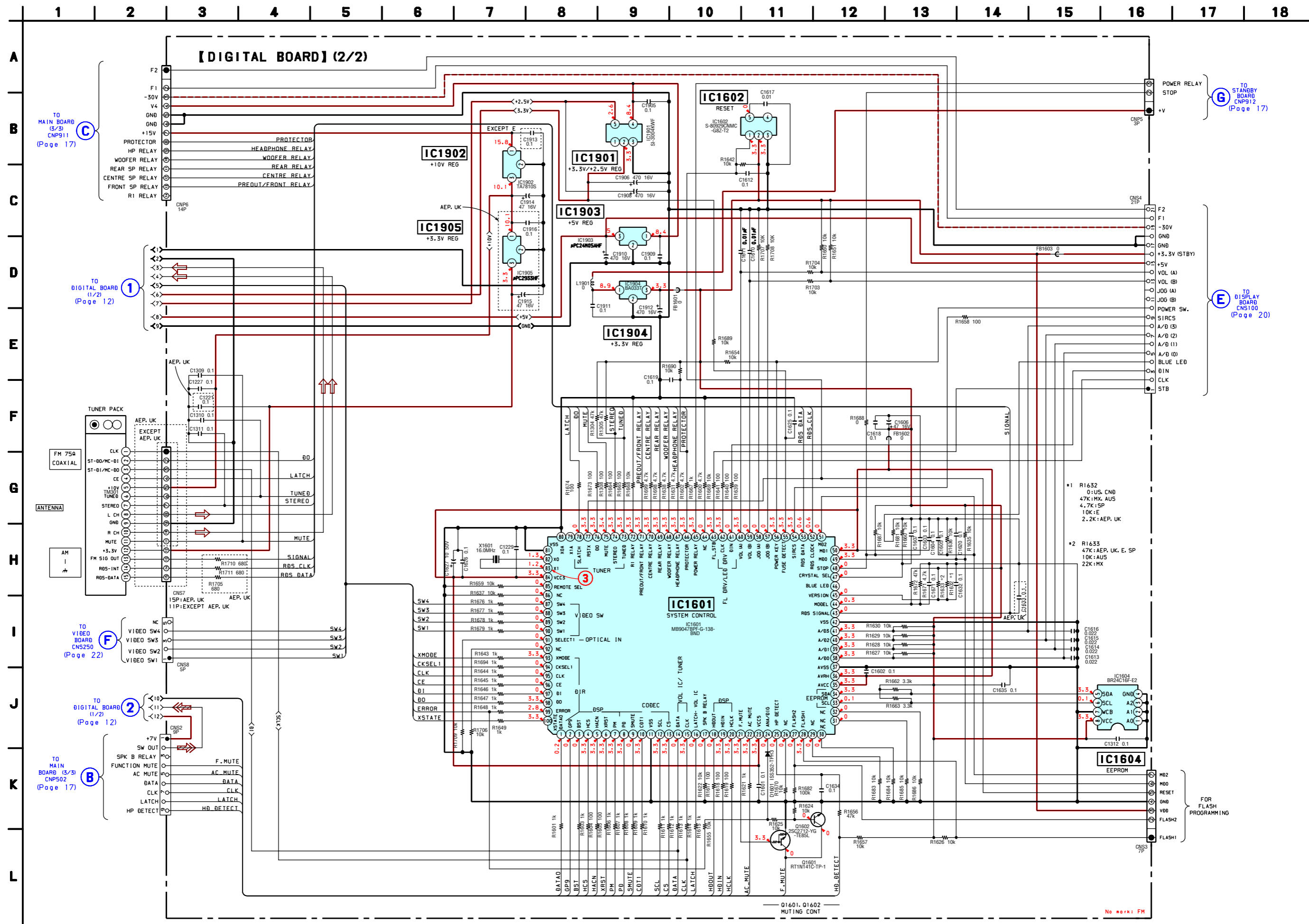
Ref. No.	Location
D1001	C-5
D1501	C-5
D1502	C-5
IC1105	A-6
IC1503	D-4
IC1901	B-1
IC1902	A-1
IC1903	B-1
IC1904	B-1
IC1905	A-1




1 TO DIGITAL BOARD (2/2) (Page 13)

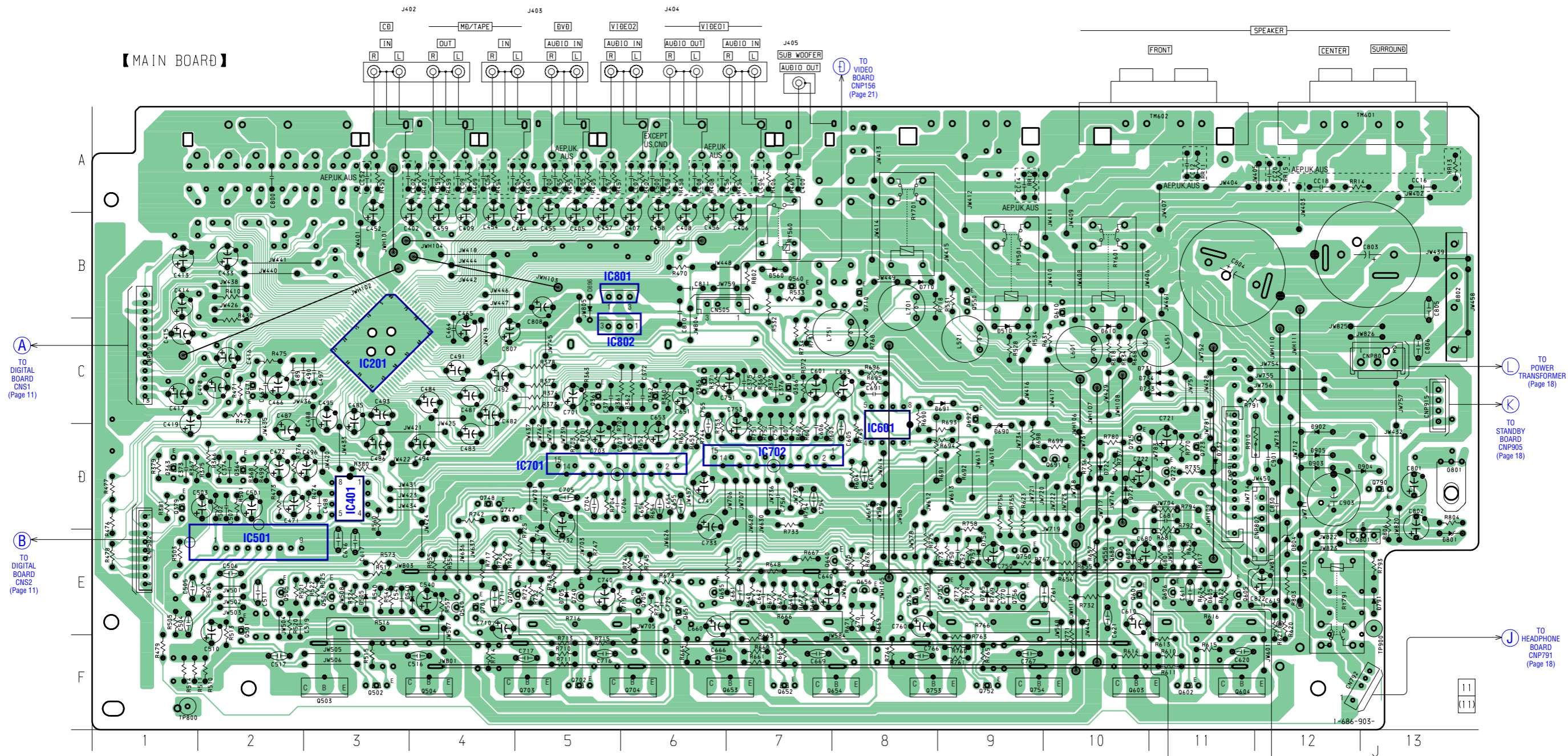
2 TO DIGITAL BOARD (2/2) (Page 13)

3-6. Schematic Diagram – DIGITAL Section (2/2) – • See page 7 for Waveforms.



3-7. Printed Wiring Board – MAIN Board –

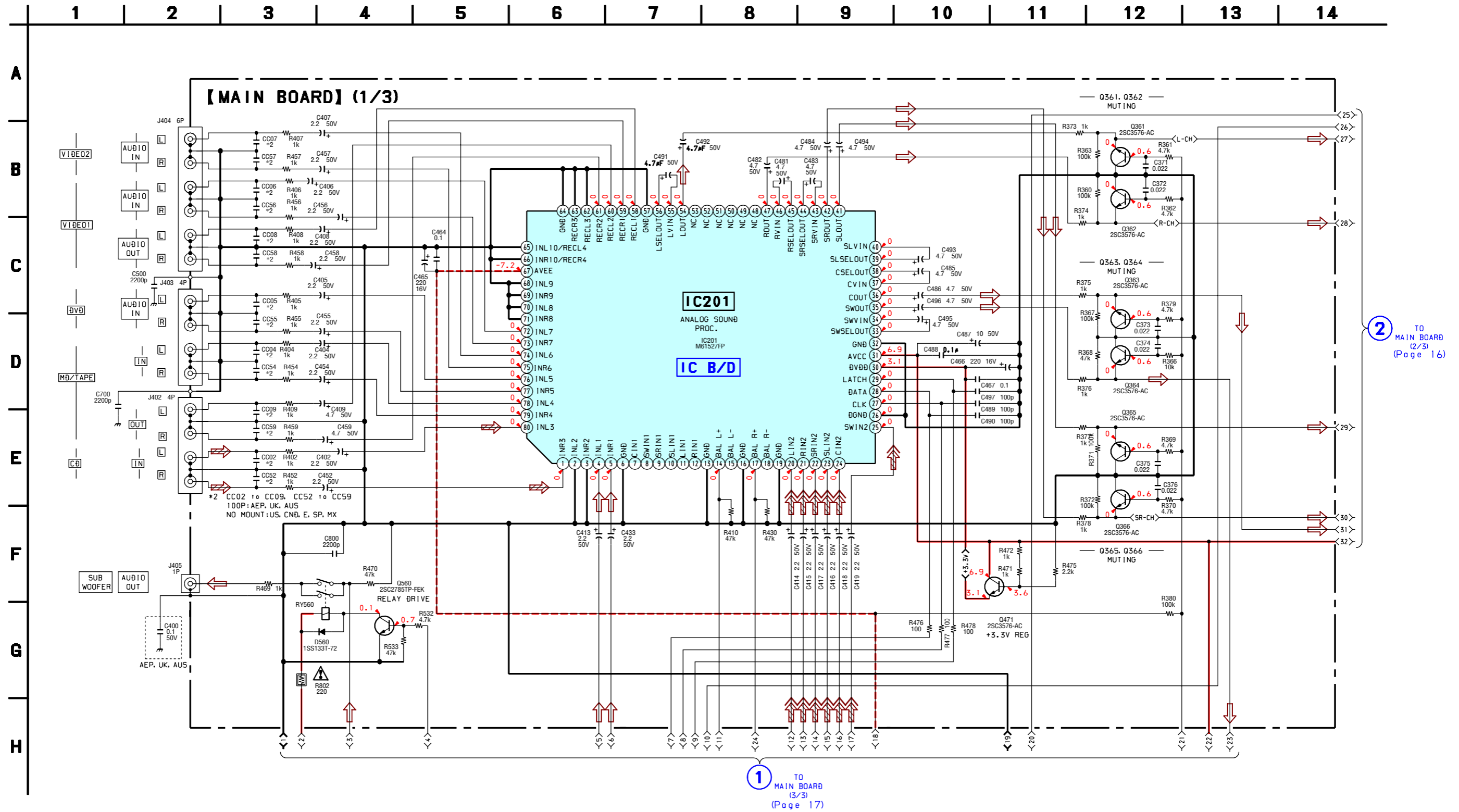
• See page 7 for Circuit Boards Location. •  : Uses unleaded solder.

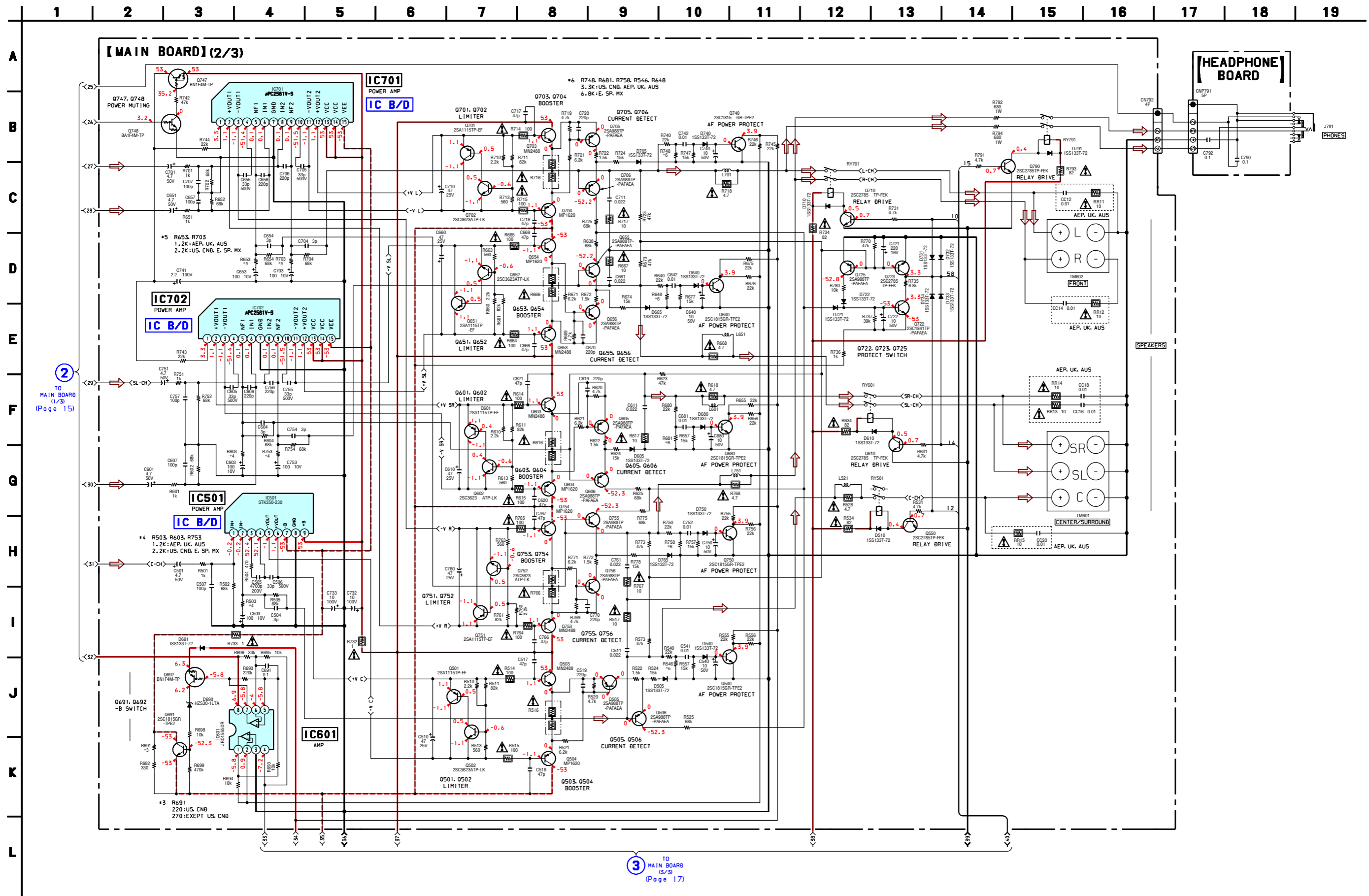


• Semiconductor Location

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D505	E-3	D722	D-10	D903	D-12	Q362	C-6	Q550	B-9	Q655	E-6	Q725	D-10
D510	C-9	D731	C-10	D904	D-12	Q363	D-1	Q560	B-7	Q656	E-8	Q740	E-5
D540	E-3	D732	D-11	D905	D-12	Q364	D-2	Q601	E-10	Q680	E-10	Q747	D-4
D560	B-7	D733	C-10			Q365	C-6	Q602	F-11	Q691	D-9	Q748	D-4
D605	E-11	D734	C-10	IC201	C-3	Q366	C-7	Q603	F-10	Q692	C-9	Q750	E-9
D610	C-10	D740	E-5	IC401	D-3	Q379	D-1	Q604	F-11	Q701	E-4	Q751	E-8
D640	E-7	D750	E-9	IC501	E-2	Q471	C-2	Q605	E-11	Q702	F-5	Q752	F-9
D665	E-7	D765	E-9	IC601	D-8	Q501	E-2	Q606	E-11	Q703	F-5	Q753	F-8
D680	E-10	D791	E-13	IC701	D-5	Q502	F-3	Q610	C-10	Q704	F-6	Q754	F-9
D690	D-9	D801	E-13	IC702	D-7	Q503	F-3	Q640	E-7	Q705	E-6	Q755	E-8
D691	C-8	D802	E-13	IC801	B-5	Q504	F-4	Q651	E-6	Q706	E-4	Q756	E-9
D705	E-5	D804	E-12	IC802	C-5	Q505	E-2	Q652	F-7	Q710	C-8	Q790	D-13
D710	B-8	D896	B-5			Q506	E-3	Q653	F-7	Q722	D-11	Q801	E-12
D721	D-10	D902	D-12	Q361	C-5	Q540	E-4	Q654	F-8	Q723	D-11		

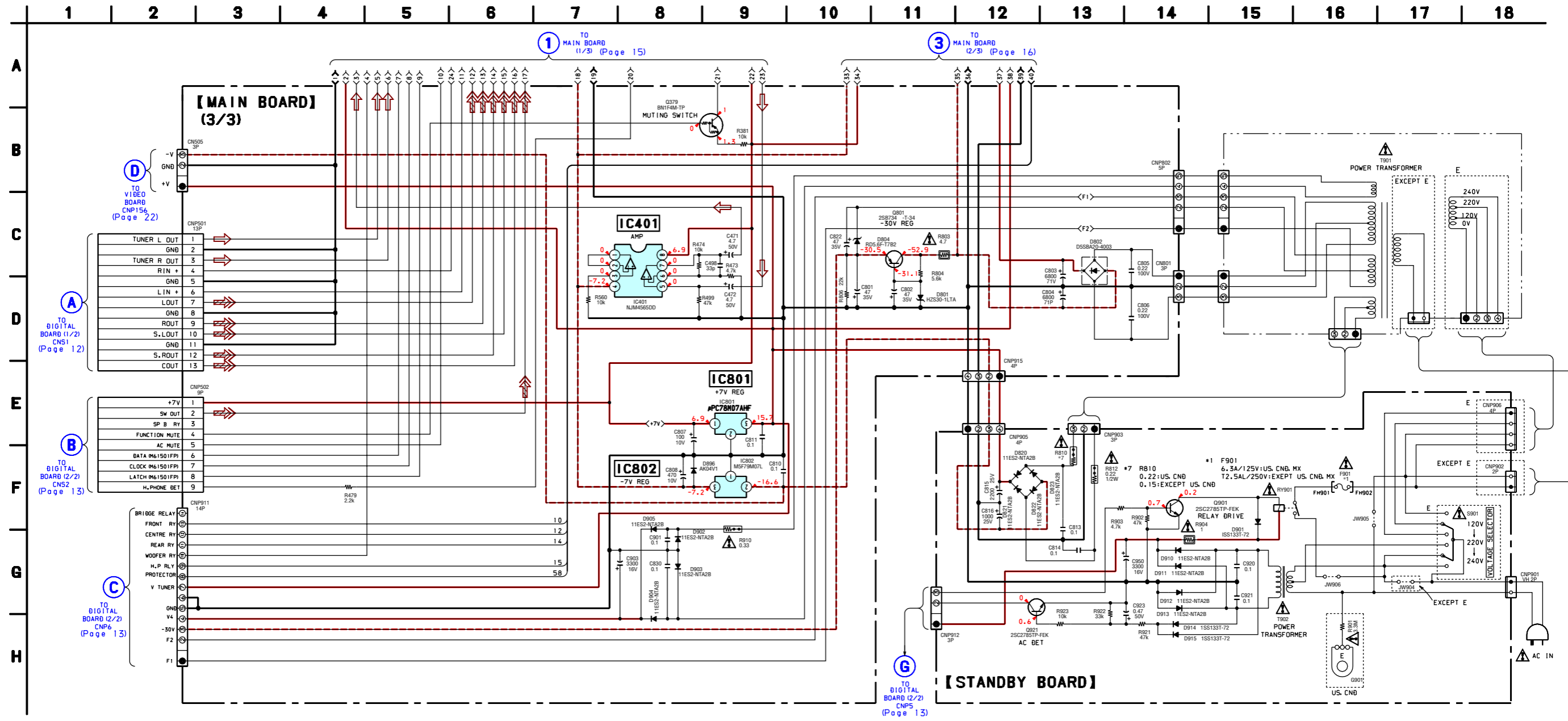
3-8. Schematic Diagram – MAIN Section (1/3) – • See page 24 for IC Block Diagrams.

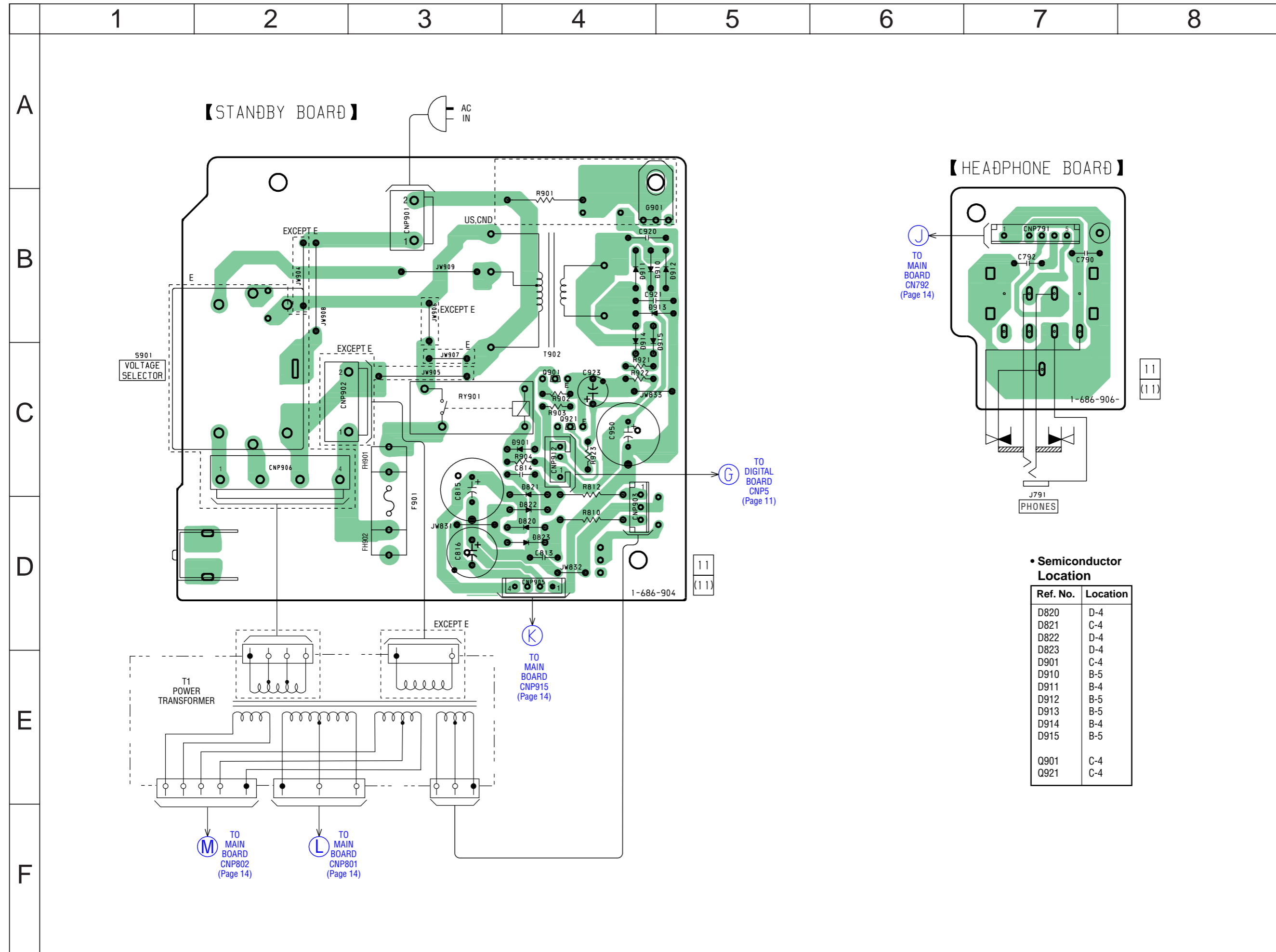




3 TO MAIN BOARD (3/3) (Page 17)

3-10. Schematic Diagram – MAIN Section (3/3) –






• Semiconductor Location

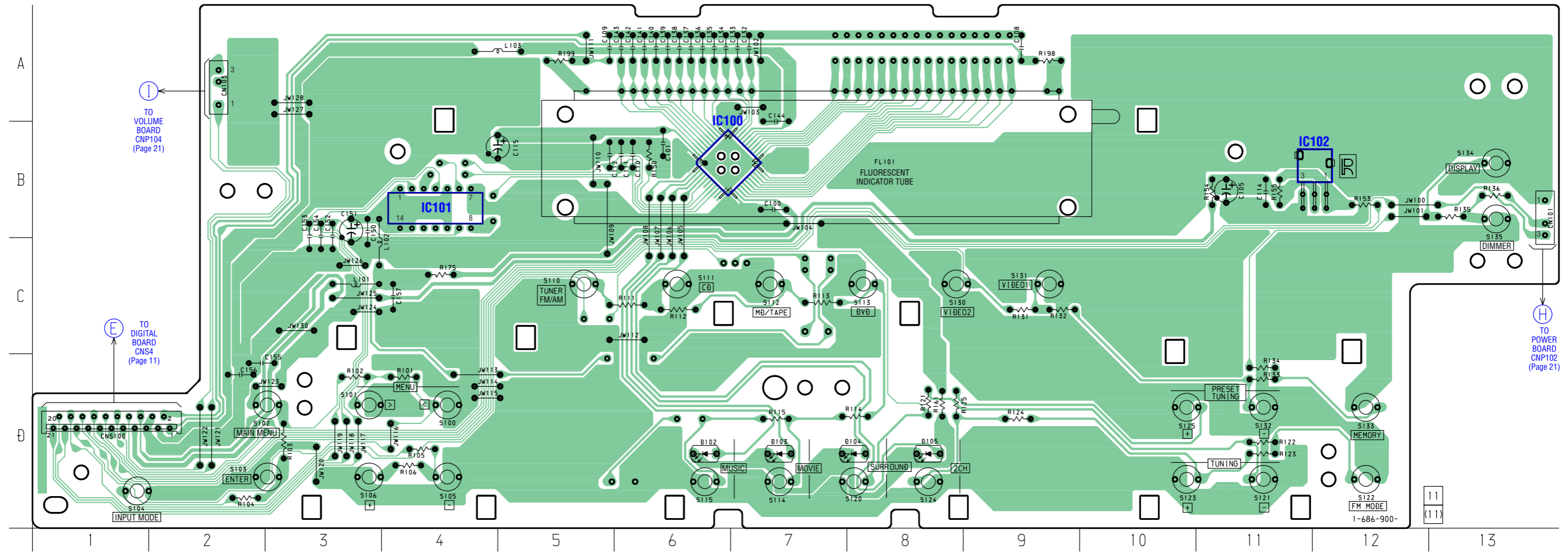
Ref. No.	Location
D820	D-4
D821	C-4
D822	D-4
D823	D-4
D901	C-4
D910	B-5
D911	B-4
D912	B-5
D913	B-5
D914	B-4
D915	B-5
Q901	C-4
Q921	C-4

3-12. Printed Wiring Board – DISPLAY Board –

• See page 7 for Circuit Boards Location.

•  : Uses unleaded solder.

【DISPLAY BOARD】

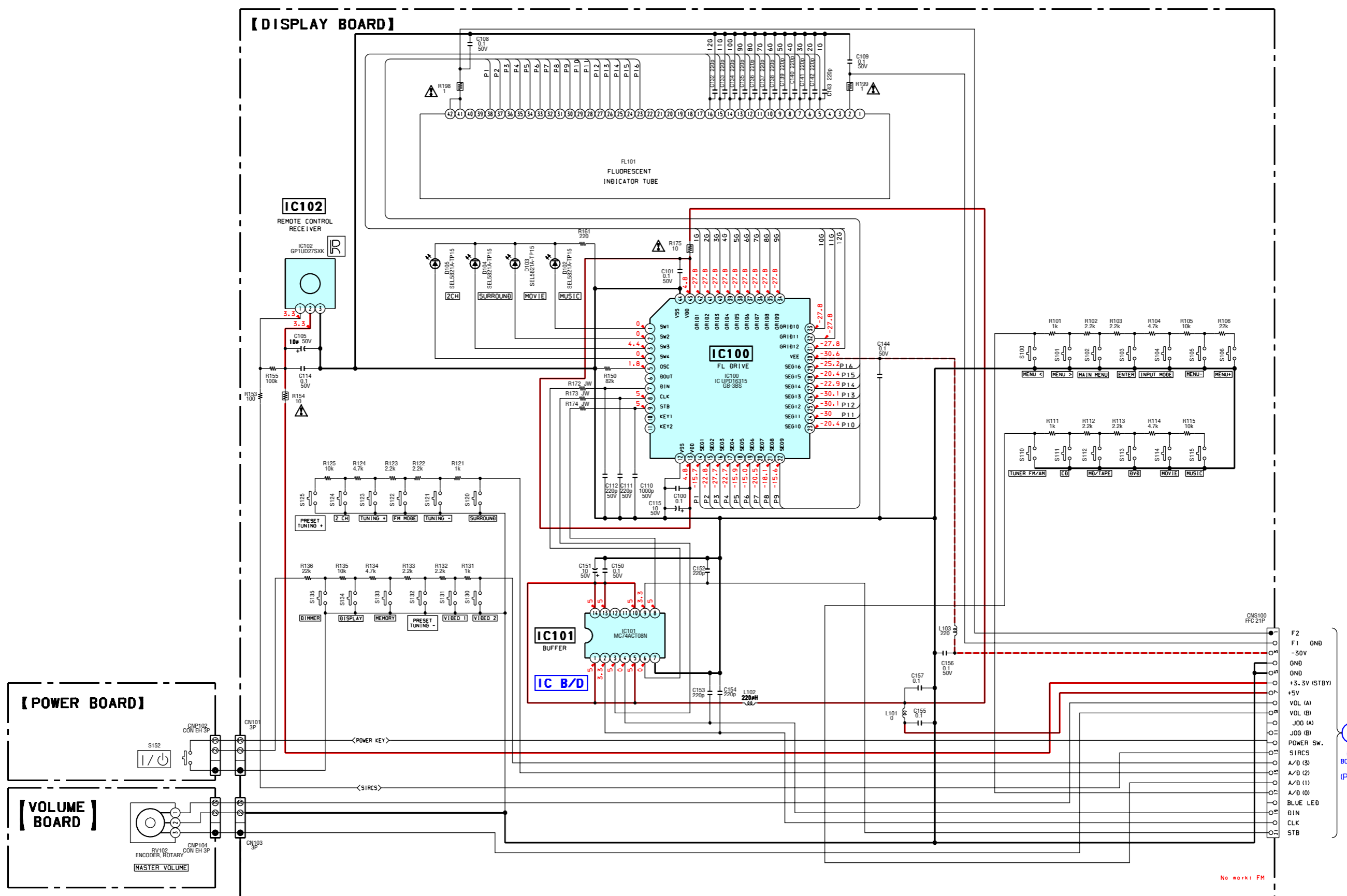


• Semiconductor Location

Ref. No.	Location
D102	D-6
D103	D-7
D104	D-8
D105	D-8
IC100	B-6
IC101	B-4
IC102	B-11

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17


A
B
C
D
E
F
G
H
I
J
K

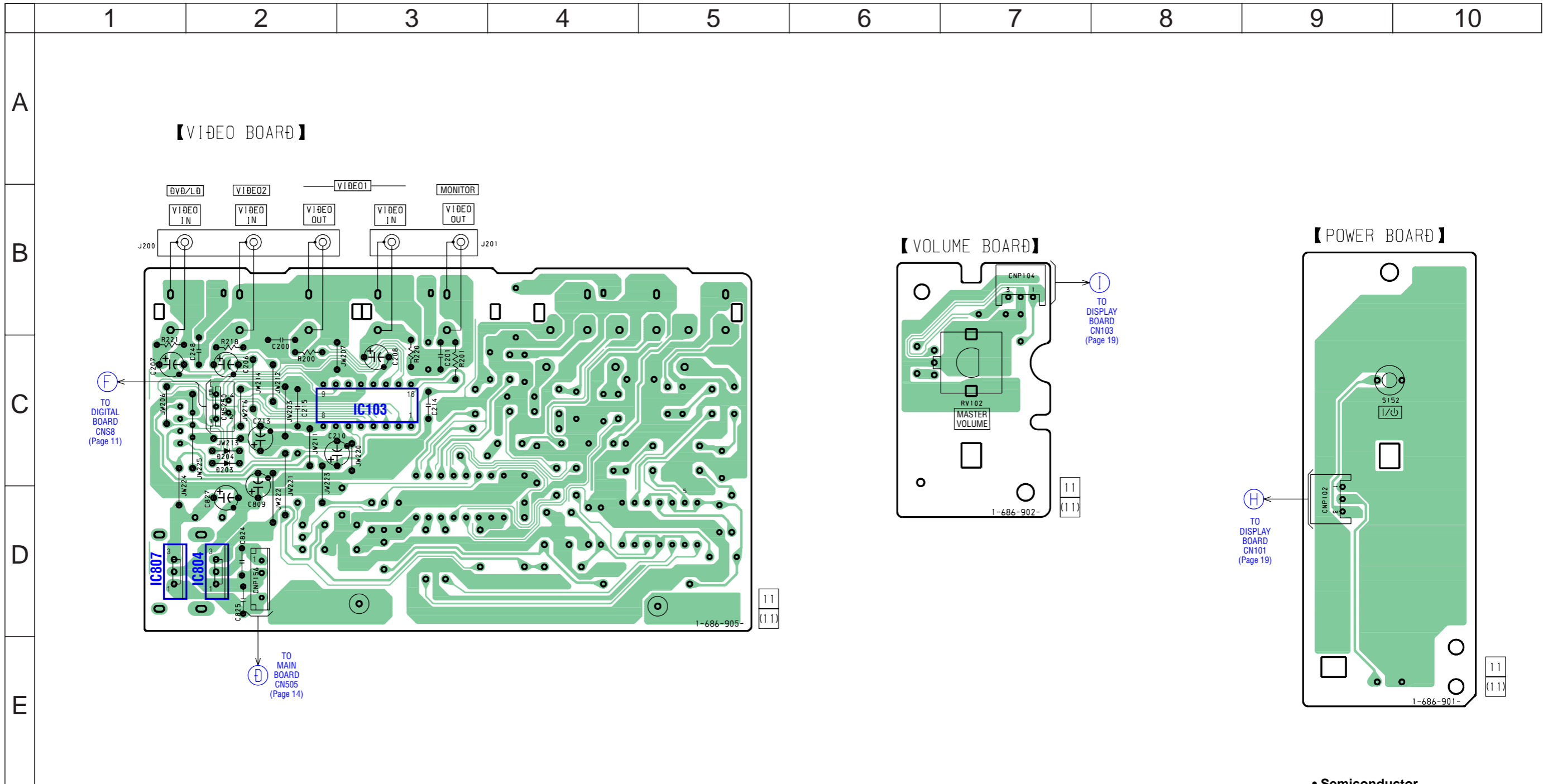


E TO DIGITAL BOARD (2/2) CNS4 (Page 13)

No mark: FM

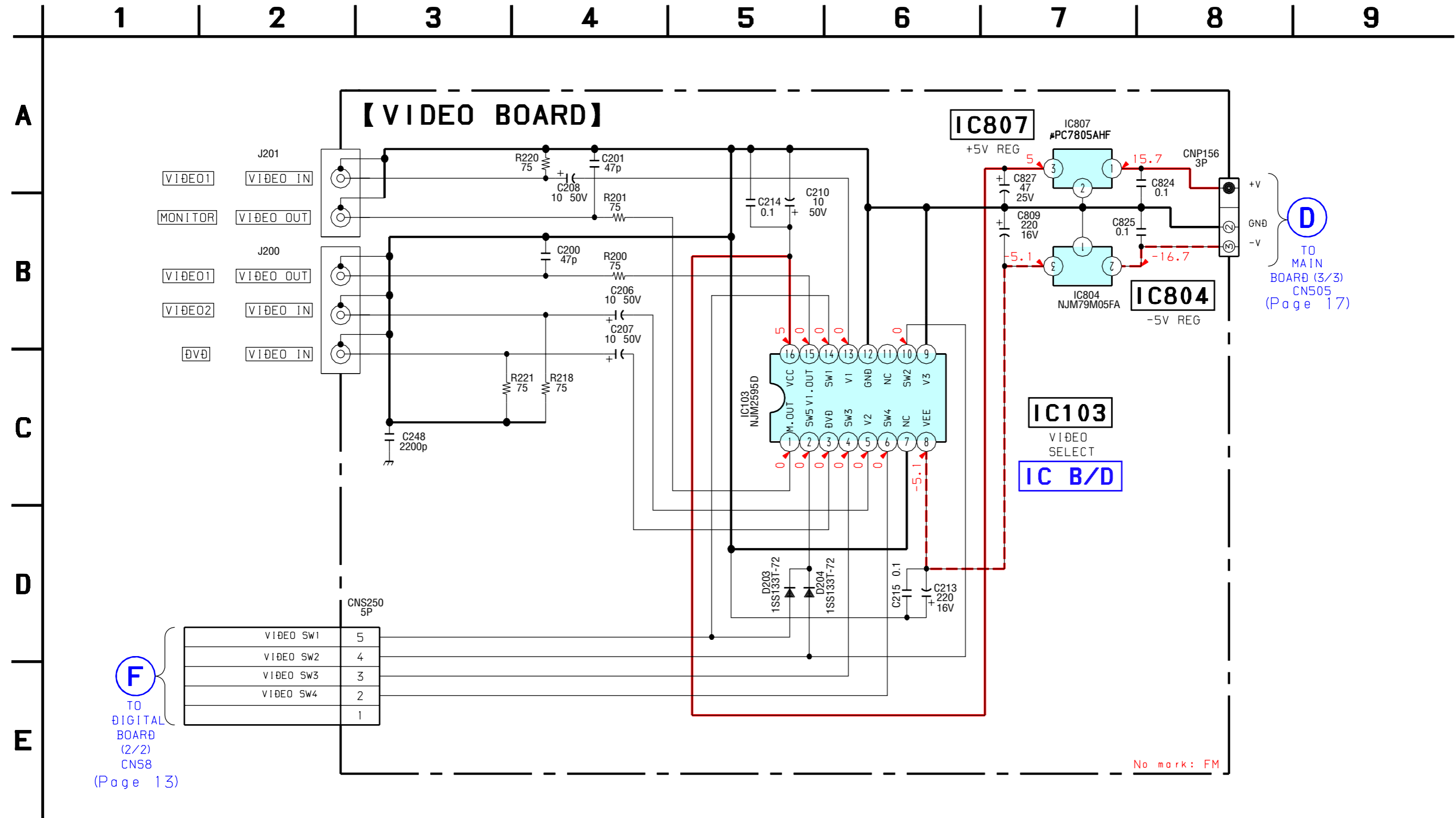
3-14. Printed Wiring Board – VIDEO Section –

• See page 7 for Circuit Boards Location. •  : Uses unleaded solder.



• Semiconductor Location

Ref. No.	Location
D203	C-2
D204	C-2
IC103	C-3
IC804	D-2
IC807	D-1



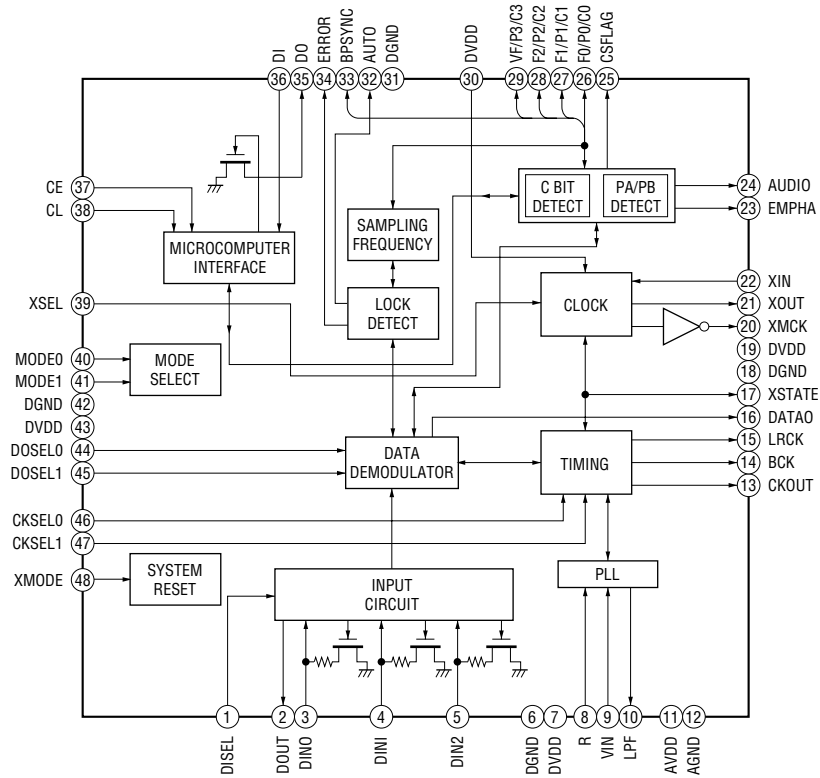
D
TO MAIN BOARD (3/3)
CN505
(Page 17)

F
TO DIGITAL BOARD (2/2)
CNS8
(Page 13)

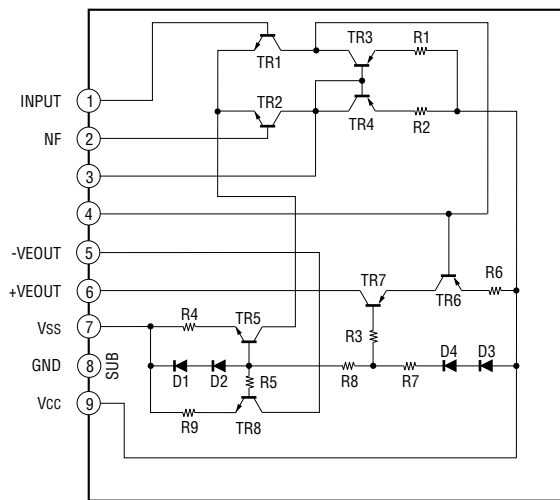
No mark: FM

3-16. IC Block Diagrams

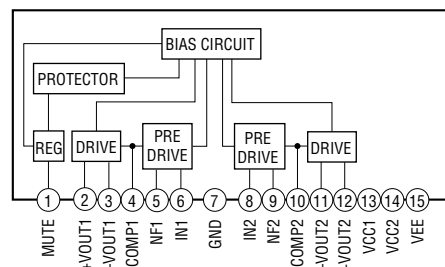
IC1101 LC89056W-E (DIGITAL BOARD)



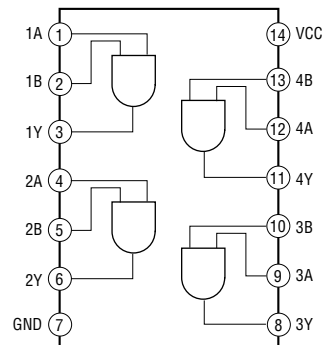
IC501 STK350-230 (MAIN BOARD)



IC701, IC702 μPC2581V-S (MAIN BOARD)

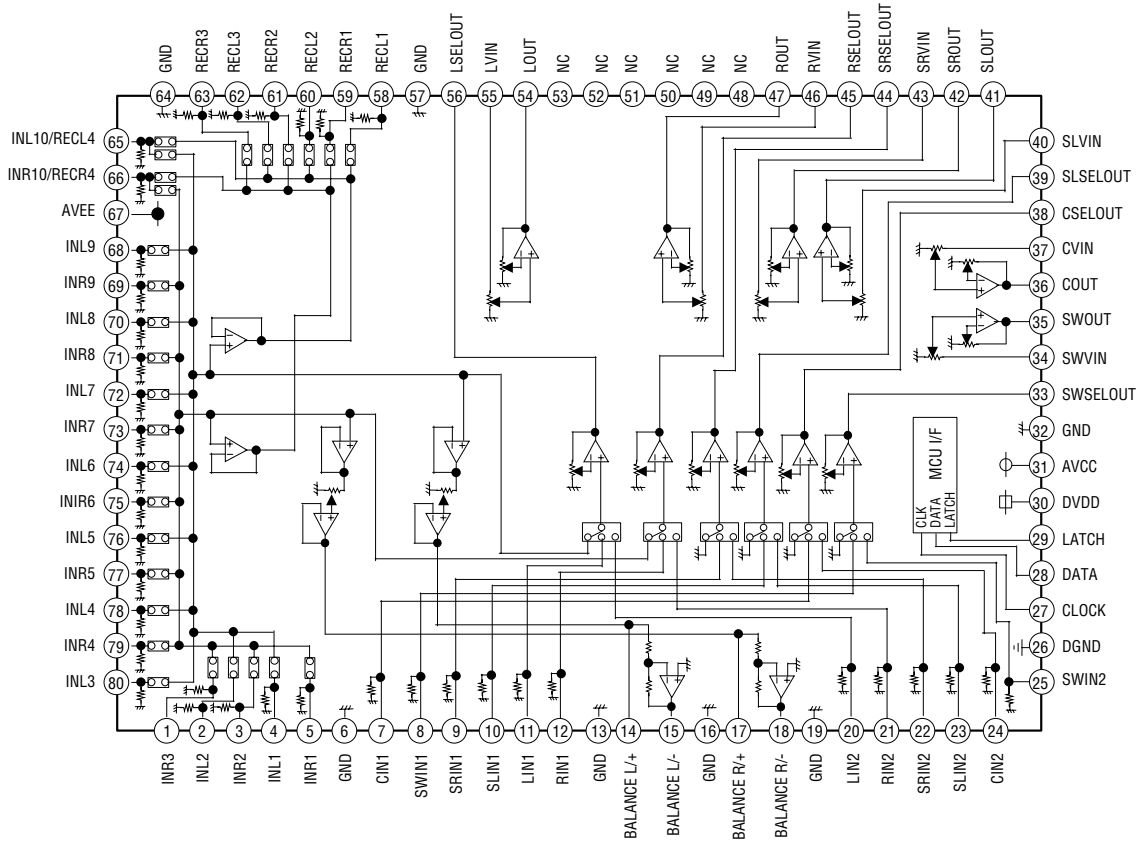


IC101 MC74ACT08N (DISPLAY BOARD)

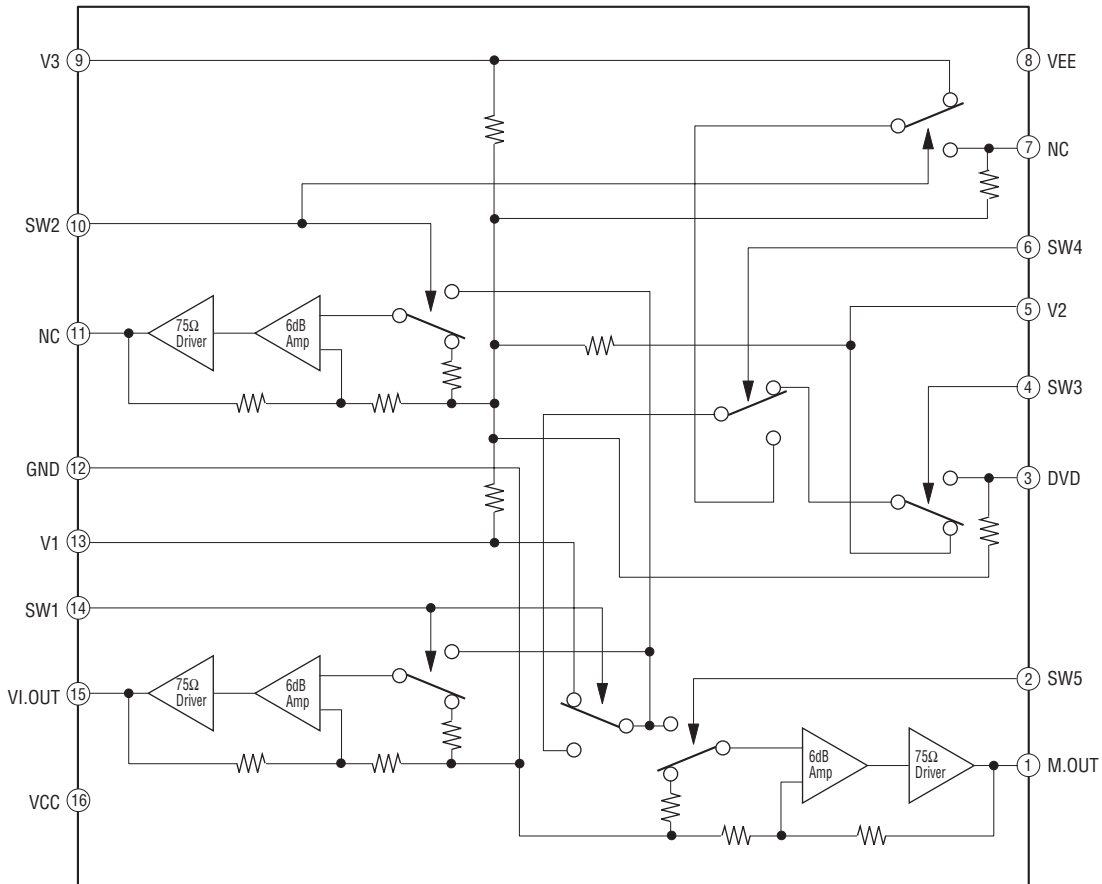


STR-DE495P/K750P

IC201 M61527FP (MAIN BOARD)



IC103 NJM2595D (VIDEO BOARD)



3-17. IC Pin Function Descriptions

• IC1601 MB9047BPF-G-138-BND (SYSTEM CONTROL)

Pin No.	Pin Name	I/O	Description
1	DATAO	I	Audio data signal input from DIR
2	GP9	I	GP9 signal input from DSP
3	BST	O	BST signal output to DSP
4	HCS	O	HCS signal output to DSP
5	HACN	I	HACN signal input from DSP
6	XRST	O	Reset signal output to DSP
7	PM	O	PM signal output to DSP
8	PD	O	Power down signal output to AUDIO CODEC
9	SMUTE	O	Muting signal output to AUDIO CODEC
10	CDT1	O	Control data signal output to AUDIO CODEC
11	VSS	—	Ground terminal
12	SCL	O	Clock signal output to AUDIO CODEC
13	CS	O	Chip select signal output to AUDIO CODEC
14	DATA	O	Control data signal output to the sound processor
15	CLK	O	Clock signal output to the sound processor
16	LATCH	O	Latch signal output to the sound processor
17	SPK B RELAY	O	Not used
18	HDOUT	I	HDOUT signal input from DSP
19	HDIN	O	HDIN signal output to DSP
20	HCLK	O	Clock signal output to DSP
21	F.MUTE	O	Muting signal output
22	AC MUTE	O	Muting signal output to the power amplifier
23	VCC5	—	Power supply
24	ANA/DIG	I	Muting and error signal input
25	HP DETECT	I	Headphone switch detect signal input
26	NC	O	Not used
27	FLASH2	O	Terminal for FLASH programming
28	FLASH1	I/O	Terminal for FLASH programming
29	NC	—	Not used
30	NC	—	Not used
31	NC	—	Not used
32	NC	—	Not used
33	SCL	—	Serial clock output
34	SDA	I/O	Serial data input or output
35	AVCC	—	Analog power supply
36	AVRH	I	Analog reference voltage input
37	AVSS	—	Analog ground terminal
38	A/D0	I	Function key push signal input
39	A/D1	I	Function key push signal input
40	A/D2	I	Function key push signal input
41	A/D3	I	Function key push signal input
42	VSS	—	Ground terminal
43	RDS SIGNAL	I	RDS signal detect input
44	MODEL	I	Version setting input (MODEL)
45	VERSION	I	Version setting input (DESTINATION)
46	BLUE LED	O	Not used
47	CRYSTAL SEL	—	Short to ground terminal
48	STOP	I	AC off detect signal input
49	MD0	I	Operation mode setting input
50	MD1	I	Operation mode setting input

STR-DE495P/K750P

Pin No.	Pin Name	I/O	Description
51	MD2	I	Operation mode setting input
52	RDS CLOCK	O	RDS clock signal output (Not used)
53	RDS DATA	O	RDS data signal output (Not used)
54	SIRCS	I	Data signal input from the remote control sensor
55	FUSE DETECT	I	Fuse detect signal input
56	POWER KEY	I	Power switch key detect signal input
57	JOG (B)	I	Jog dial signal input from the rotary encoder
58	JOG (A)	I	Jog dial signal input from the rotary encoder
59	VOL (B)	I	Jog dial signal input from the rotary encoder
60	VOL (A)	I	Jog dial signal input from the rotary encoder
61	DIN	O	Data signal output to the FL tube driver
62	CLK	O	Clock signal output to the FL tube driver
63	FL STB	O	Strobe signal output to the FL tube driver
64	NC	—	Control A1 signal output
65	POWER RELAY	O	Power relay control signal output
66	PROTECTOR	I	Protector status detect signal input
67	HEADPHONE RELAY	O	Headphone relay control signal output
68	WOOFER RELAY	O	Woofers relay control signal output
69	REAR RELAY	O	Rear speaker relay control signal output
70	CENTRE RELAY	O	Centre speaker relay control signal output
71	PREOUT/FRONT RELAY	O	Front speaker relay control signal output
72	R1 RELAY	O	Bridgeable relay control
73	TUNED	O	Tuning a frequency signal input from the tuner
74	STEREO	O	Stereo tuning signal input from the tuner
75	MUTE	O	Muting signal output to the tuner
76	DO	I	Frequency data signal input from the tuner
77	RSTX	I	System reset
78	SLATCH	O	Latch signal output to the tuner
79	X1A	—	Not used
80	X0A	—	Not used
81	VSS	—	Ground terminal
82	X0	—	Connection for a crystal resonator
83	X1	—	Connection for a crystal resonator
84	VCC3	—	Power supply
85	REMOTE SEL	—	Short to ground terminal
86	NC	O	Not used
87	SW4	O	Video select control signal output
88	SW3	O	Video select control signal output
89	SW2	O	Video select control signal output
90	SW1	O	Video muting control signal output
91	SELECT1	O	Optical in selector control signal output
92	NC	—	Not used
93	XMODE	O	Reset signal output to DIR
94	CKSEL 1	O	CKSEL control signal to DIR
95	CLK	O	Clock signal output to DIR
96	CE	O	Chip enable signal output to DIR
97	DI	O	Data signal output to DIR
98	DO	I	Data signal input from DIR
99	ERROR	I	PLL error muting signal input from DIR
100	XSTATE	I	XSTATE data signal input from DIR

SECTION 4 EXPLODED VIEWS

NOTE:

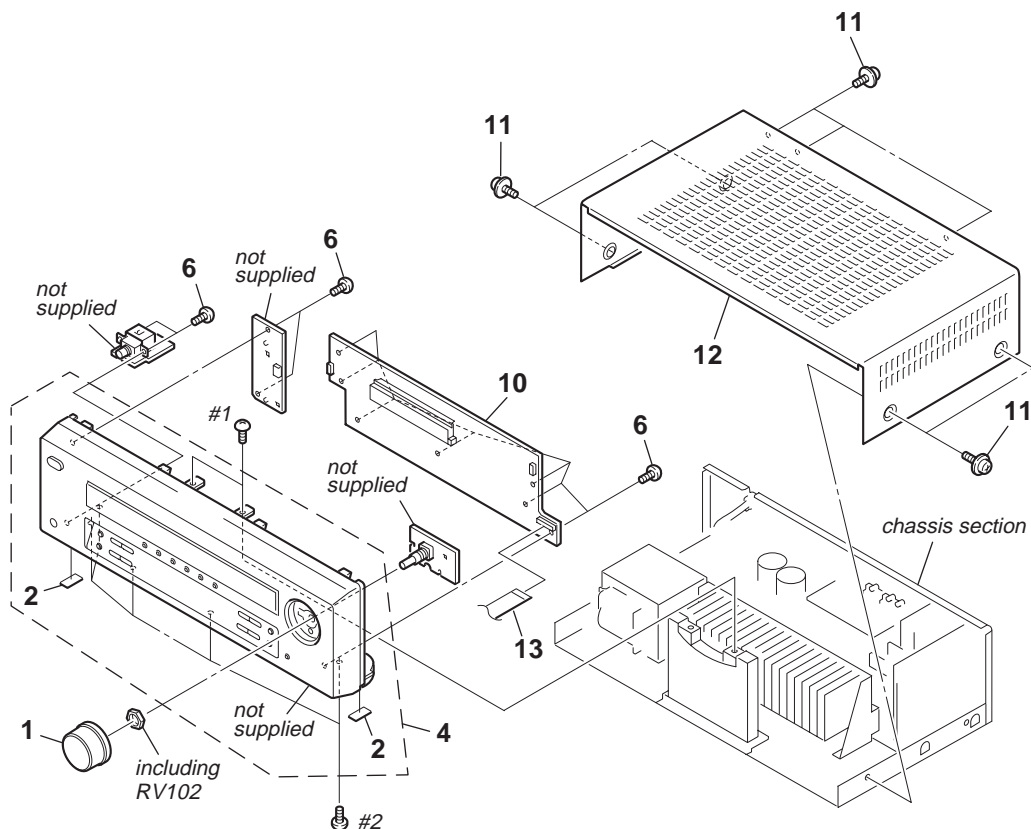
- XX, -X mean standardized parts, so they may have some differences from the original one.
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- The mechanical parts with no reference number in the exploded views are not supplied.
- Abbreviation
CND : Canadian model
SP : Singapore model (Malaysia model included)
MX : Mexican model
AUS : Australian 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.

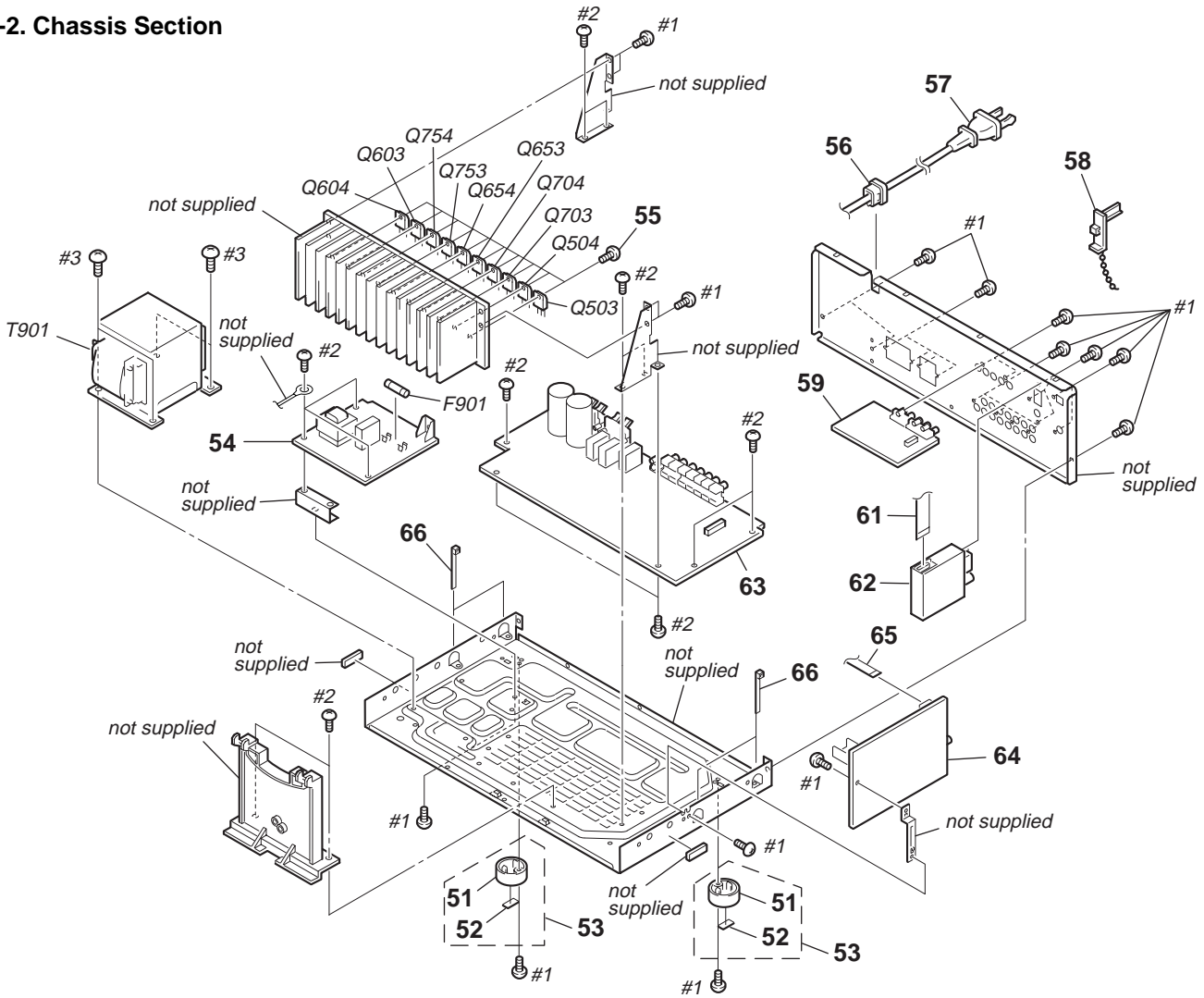
4-1. Front Panel Section



Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
1	4-232-113-01	KNOB (VOL) (US)		10	A-4731-177-A	DISPLAY BOARD, COMPLETE	
1	4-232-113-12	KNOB (VOL) (EXCEPT US)		11	4-210-291-01	SCREW (CASE 3 TP2) (US)	
2	4-977-358-01	CUSHION		11	4-210-291-11	SCREW (CASE 3 TP2) (EXCEPT US)	
4	X-4955-171-1	FRONT PANEL ASSY (US)		12	4-245-939-01	CASE (US)	
4	X-4955-215-1	FRONT PANEL ASSY (CND)		12	4-245-939-21	CASE (EXCEPT US)	
4	X-4955-217-1	FRONT PANEL ASSY (E,SP,MX,AUS)		☆ 13	1-773-164-11	WIRE (FLAT TYPE)(21 CORE)	
4	X-4955-225-1	FRONT PANEL ASSY (AEP,UK)		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
6	4-951-620-01	SCREW (2.6X8), +BVTP		#2	7-685-645-79	SCREW +BVTP 3X6 TYPE2 N-S	

☆ Please use it, bending like an original article and processing it.

4-2. Chassis Section



Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
51	4-232-237-01	FOOT (DIA. 30)		66	3-701-748-00	CLAMP	
52	4-977-358-01	CUSHION		△ F901	1-532-464-31	FUSE T2.5AL/250V (AEP,UK,E,SP,AUS)	
53	X-4953-448-1	FOOT ASSY		△ F901	1-576-193-11	FUSE 6.3A/125V (US,CND,MX)	
54	1-686-904-11	STANDBY BOARD		Q503	8-749-010-25	IC MN2488-OPY-M	
55	3-905-609-01	SCREW (TRANSISTOR)		Q504	8-749-010-26	IC MP1620-OPY-M	
* 56	3-703-244-00	BUSHING (2104), CORD		Q603	8-749-010-25	IC MN2488-OPY-M	
△ 57	1-696-847-11	CORD, POWER (AUS)		Q604	8-749-010-26	IC MP1620-OPY-M	
△ 57	1-777-071-23	CORD, POWER (AEP,UK,E,SP)		Q653	8-749-010-25	IC MN2488-OPY-M	
△ 57	1-783-532-11	CORD, POWER (US,CND,MX)		Q654	8-749-010-26	IC MP1620-OPY-M	
58	4-956-370-12	BAND, PLUG FIXED (UK,AUS)		Q703	8-749-010-25	IC MN2488-OPY-M	
59	A-4731-175-A	VIDEO BOARD, COMPLETE		Q704	8-749-010-26	IC MP1620-OPY-M	
61	1-769-937-11	WIRE (FLAT TYPE) (11 CORE) (EXCEPT AEP,UK)		Q753	8-749-010-25	IC MN2488-OPY-M	
61	1-773-001-11	WIRE (FLAT TYPE) (15 CORE) (AEP,UK)		Q754	8-749-010-26	IC MP1620-OPY-M	
62	1-693-577-22	TUNER (US,CND,E,MX)		△ T901	1-437-998-11	POWER TRANSFORMER (US,MX)	
62	1-693-578-12	TUNER (UK)		△ T901	1-439-607-11	POWER TRANSFORMER (CND)	
62	1-693-578-22	TUNER (AEP)		△ T901	1-437-999-11	POWER TRANSFORMER (AEP,UK)	
62	1-693-580-22	TUNER (SP,AUS)		△ T901	1-439-547-11	POWER TRANSFORMER (SP,AUS)	
63	A-4731-171-A	MAIN BOARD, COMPLETE (US,CND)		△ T901	1-439-548-11	POWER TRANSFORMER (E)	
63	A-4731-280-A	MAIN BOARD, COMPLETE (AEP,UK,AUS)		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
63	A-4731-422-A	MAIN BOARD, COMPLETE (E,SP,MX)		#2	7-685-645-79	SCREW +BVTP 3X6 TYPE2 N-S	
64	A-4731-180-A	DIGITAL BOARD, COMPLETE (US,CND)		#3	7-685-880-09	SCREW +BVTT 4X6 (S)	
64	A-4731-282-A	DIGITAL BOARD, COMPLETE (AUS)					
64	A-4731-423-A	DIGITAL BOARD, COMPLETE (SP)					
64	A-4731-426-A	DIGITAL BOARD, COMPLETE (E)					
64	A-4731-429-A	DIGITAL BOARD, COMPLETE (MX)					
64	A-4731-431-A	DIGITAL BOARD, COMPLETE (AEP,UK)					
65	1-575-662-31	WIRE (FLAT TYPE) (5 CORE)					

<p>The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.</p>	<p>Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.</p>
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SECTION 5 ELECTRICAL PARTS LIST

DIGITAL

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, -X mean standardized parts, so they may have some difference from the original one.
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- RESISTORS
All resistors are in ohms.
METAL: metal-film resistor
METAL OXIDE: Metal Oxide-film resistor
F: nonflammable

- COILS
uH: μ H
- CAPACITORS:
uF: μ F
- SEMICONDUCTORS
In each case, u: μ , for example:
uA..., μ A..., uPA..., μ PA...,
uPB..., μ PB..., uPC..., μ PC...,
uPD..., μ PD...
- Abbreviation
CND : Canadian model
SP : Singapore model (Malaysia model included)
MX : Mexican model
AUS : Australian model

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

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

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

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
	A-4731-180-A	DIGITAL BOARD, COMPLETE (US,CND) *****		C1207	1-164-156-11	CERAMIC CHIP	0.1uF 25V
	A-4731-282-A	DIGITAL BOARD, COMPLETE (AUS) *****		C1208	1-164-156-11	CERAMIC CHIP	0.1uF 25V
	A-4731-423-A	DIGITAL BOARD, COMPLETE (SP) *****		C1209	1-164-156-11	CERAMIC CHIP	0.1uF 25V
	A-4731-426-A	DIGITAL BOARD, COMPLETE (E) *****		C1210	1-164-156-11	CERAMIC CHIP	0.1uF 25V
	A-4731-429-A	DIGITAL BOARD, COMPLETE (MX) *****		C1211	1-126-935-11	ELECT	470uF 20.00% 10V
	A-4731-431-A	DIGITAL BOARD, COMPLETE (AEP,UK) *****		C1212	1-126-935-11	ELECT	470uF 20.00% 10V
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3		C1213	1-164-156-11	CERAMIC CHIP	0.1uF 25V
		< CAPACITOR >		C1214	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1101	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1216	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C1102	1-126-947-11	ELECT	47uF 20.00% 16V	C1218	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C1103	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1219	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1104	1-162-974-11	CERAMIC CHIP	0.01uF 50V	C1220	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C1105	1-126-947-11	ELECT	47uF 20.00% 16V	C1221	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1106	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1227	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1107	1-162-974-11	CERAMIC CHIP	0.01uF 50V	C1229	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1108	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1230	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1109	1-162-918-11	CERAMIC CHIP	18PF 5.00% 50V	C1231	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1110	1-162-918-11	CERAMIC CHIP	18PF 5.00% 50V	C1309	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1111	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1310	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1112	1-162-974-11	CERAMIC CHIP	0.01uF 50V	C1311	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1113	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1312	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1114	1-162-905-11	CERAMIC CHIP	1PF 0.25PF 50V	C1501	1-162-965-11	CERAMIC CHIP	0.0015uF 10% 50V
C1115	1-162-923-11	CERAMIC CHIP	47PF 5% 50V	C1502	1-128-131-11	ELECT	22uF 20.00% 50V
C1116	1-126-916-11	ELECT	1000uF 20.00% 6.3V	C1503	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1117	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1504	1-126-964-11	ELECT	10uF 20.00% 50V
C1118	1-115-416-11	CERAMIC CHIP	0.001uF 5.00% 25V	C1505	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1119	1-126-965-91	ELECT	22uF 20.00% 50V	C1506	1-126-935-11	ELECT	470uF 20.00% 16V
C1121	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1507	1-126-964-11	ELECT	10uF 20.00% 50V
C1122	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1508	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1123	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1509	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1124	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1510	1-126-947-11	ELECT	47uF 20.00% 16V
C1129	1-115-416-11	CERAMIC CHIP	0.001uF 5.00% 25V	C1511	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1130	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1512	1-162-995-11	CERAMIC CHIP	0.022uF 50V
C1131	1-162-927-11	CERAMIC CHIP	100PF 5% 50V	C1513	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1201	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1514	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1202	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1515	1-126-935-11	ELECT	470uF 20.00% 10V
C1203	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1516	1-162-967-11	CERAMIC CHIP	0.0033uF 10% 50V
C1204	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1517	1-162-967-11	CERAMIC CHIP	0.0033uF 10% 50V
C1205	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1518	1-162-967-11	CERAMIC CHIP	0.0033uF 10% 50V
C1206	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1519	1-162-967-11	CERAMIC CHIP	0.0033uF 10% 50V
C1207	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1520	1-162-967-11	CERAMIC CHIP	0.0033uF 10% 50V
C1208	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1521	1-162-967-11	CERAMIC CHIP	0.0033uF 10% 50V
C1209	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1551	1-162-965-11	CERAMIC CHIP	0.0015uF 10% 50V
C1210	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
C1211	1-126-935-11	ELECT	470uF 20.00% 10V				
C1212	1-126-935-11	ELECT	470uF 20.00% 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				
C1220	1-162-927-11	CERAMIC CHIP	100PF 5% 50V				
C1221	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
							(AEP,UK)
C1227	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
C1229	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
C1230	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
C1231	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
C1309	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
C1310	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
C1311	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
C1312	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
C1501	1-162-965-11	CERAMIC CHIP	0.0015uF 10% 50V				
C1502	1-128-131-11	ELECT	22uF 20.00% 50V				
C1503	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
C1504	1-126-964-11	ELECT	10uF 20.00% 50V				
C1505	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
C1506	1-126-935-11	ELECT	470uF 20.00% 16V				
C1507	1-126-964-11	ELECT	10uF 20.00% 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 20.00% 16V				
C1511	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
C1512	1-162-995-11	CERAMIC CHIP	0.022uF 50V				
C1513	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
C1514	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
C1515	1-126-935-11	ELECT	470uF 20.00% 10V				
C1516	1-162-967-11	CERAMIC CHIP	0.0033uF 10% 50V				
C1517	1-162-967-11	CERAMIC CHIP	0.0033uF 10% 50V				
C1518	1-162-967-11	CERAMIC CHIP	0.0033uF 10% 50V				
C1519	1-162-967-11	CERAMIC CHIP	0.0033uF 10% 50V				
C1520	1-162-967-11	CERAMIC CHIP	0.0033uF 10% 50V				
C1521	1-162-967-11	CERAMIC CHIP	0.0033uF 10% 50V				
C1551	1-162-965-11	CERAMIC CHIP	0.0015uF 10% 50V				

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Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
C1552	1-128-131-11	ELECT	22uF 20.00%			< DIODE >	
C1601	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
C1602	1-164-156-11	CERAMIC CHIP	0.1uF 25V	D1001	8-719-016-74	DIODE 1SS352-TPH3	
C1603	1-164-156-11	CERAMIC CHIP	0.1uF 25V	D1101	8-719-016-74	DIODE 1SS352-TPH3	
C1604	1-164-156-11	CERAMIC CHIP	0.1uF 25V	D1501	8-719-049-09	DIODE 1SS367-T3SONY	
C1605	1-164-156-11	CERAMIC CHIP	0.1uF 25V	D1502	8-719-049-09	DIODE 1SS367-T3SONY	
C1606	1-126-947-11	ELECT	47uF 20.00%	D1601	8-719-016-74	DIODE 1SS352-TPH3	
C1607	1-164-156-11	CERAMIC CHIP	0.1uF 25V			< FERRITE BEAD >	
C1610	1-162-974-11	CERAMIC CHIP	0.01uF 50V	FB1101	1-414-813-11	FERRITE 0UH	
C1611	1-162-974-11	CERAMIC CHIP	0.01uF 50V	FB1102	1-414-813-11	FERRITE 0UH	
C1612	1-164-156-11	CERAMIC CHIP	0.1uF 25V	FB1104	1-469-152-11	FERRITE 0UH	
C1613	1-162-995-11	CERAMIC CHIP	0.022uF 50V	FB1105	1-469-152-11	FERRITE 0UH	
C1614	1-162-995-11	CERAMIC CHIP	0.022uF 50V	FB1201	1-414-813-11	FERRITE 0UH	
C1615	1-162-995-11	CERAMIC CHIP	0.022uF 50V	FB1202	1-414-813-11	FERRITE 0UH	
C1616	1-162-995-11	CERAMIC CHIP	0.022uF 50V	FB1203	1-469-152-11	FERRITE 0UH	
C1617	1-162-974-11	CERAMIC CHIP	0.01uF 50V	FB1204	1-469-152-11	FERRITE 0UH	
C1618	1-164-156-11	CERAMIC CHIP	0.1uF 25V	FB1501	1-414-813-11	FERRITE 0UH	
C1619	1-164-156-11	CERAMIC CHIP	0.1uF 25V	FB1502	1-414-813-11	FERRITE 0UH	
C1620	1-164-156-11	CERAMIC CHIP	0.1uF 25V	FB1601	1-414-813-11	FERRITE 0UH	
C1624	1-164-156-11	CERAMIC CHIP	0.1uF 25V	FB1602	1-216-864-11	METAL CHIP 0 5% 1/10W	
C1625	1-164-156-11	CERAMIC CHIP	0.1uF 25V	FB1603	1-216-864-11	METAL CHIP 0 5% 1/10W	
C1626	1-164-156-11	CERAMIC CHIP	0.1uF 25V			< IC >	
C1627	1-126-964-11	ELECT	10uF 20.00%	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(TE12R)	
C1633	1-164-156-11	CERAMIC CHIP	0.1uF 25V (AEP,UK)	IC1105	6-600-014-01	IC TORX141L(VIDEO2 IN)	
C1634	1-164-156-11	CERAMIC CHIP	0.1uF 25V	IC1201	8-759-698-76	IC CXD9617R	
C1635	1-164-156-11	CERAMIC CHIP	0.1uF 25V	IC1202	8-759-538-16	IC IS61LV6416-10TT(ISSI)	
C1671	1-164-156-11	CERAMIC CHIP	0.1uF 25V	IC1501	6-703-705-01	IC AK4527B	
C1905	1-164-156-11	CERAMIC CHIP	0.1uF 25V	IC1502	8-759-710-97	IC NJM4565M(TE2)	
C1906	1-126-935-11	ELECT	470uF 20.00%	IC1503	8-759-231-53	IC M5F7805L	
C1908	1-126-935-11	ELECT	470uF 20.00%	IC1552	8-759-710-97	IC NJM4565M(TE2)	
C1909	1-164-156-11	CERAMIC CHIP	0.1uF 25V	IC1601	6-802-541-01	IC MB9047BPF-G-138-BND	
C1910	1-126-935-11	ELECT	470uF 20.00%	IC1602	6-702-913-01	IC S-80929CNMG-G8Z-T2	
C1911	1-164-156-11	CERAMIC CHIP	0.1uF 25V	IC1604	8-759-641-86	IC BR24C16F-E2	
C1912	1-126-935-11	ELECT	470uF 20.00%	IC1901	6-701-887-02	IC SI-3004KWF	
C1913	1-164-156-11	CERAMIC CHIP	0.1uF 25V (EXCEPT E)	IC1902	8-759-231-57	IC TA7810S	
C1914	1-126-947-11	ELECT	47uF 20.00%	IC1903	8-759-390-42	IC uPC24M05AHF	
C1915	1-126-947-11	ELECT	47uF 20.00%	IC1904	8-759-445-59	IC BA033T	
C1916	1-164-156-11	CERAMIC CHIP	0.1uF 25V (AEP,UK)	IC1905	8-759-647-10	IC uPC2933HF (AEP,UK)	
		< CONNECTOR >				< JACK >	
CNP5	1-779-978-11	PIN, CONNECTOR 3P		J1101	1-778-228-11	JACK, PIN 1P (DVD IN)	
CNP6	1-784-929-11	PIN, CONNECTOR 14P				< JUMPER RESISTOR >	
		< CONNECTOR >		JR1115	1-216-864-11	METAL CHIP 0 5% 1/10W (US,CND,E,SP,MX,AUS)	
CNS1	1-764-865-41	CONNECTOR, BOARD TO BOARD 13P		JR1115	1-216-841-11	METAL CHIP 47K 5% 1/10W (AEP,UK)	
CNS2	1-784-041-41	CONNECTOR, BOARD TO BOARD 9P		JR1116	1-216-864-11	METAL CHIP 0 5% 1/10W	
CNS3	1-784-923-11	PIN, CONNECTOR 7P		JR1121	1-216-864-11	METAL CHIP 0 5% 1/10W	
CNS4	1-569-309-11	SOCKET, CONNECTOR (L TYRE) 21P		JR1122	1-216-864-11	METAL CHIP 0 5% 1/10W (US,CND,E,SP,MX,AUS)	
CNS7	1-569-060-11	SOCKET, CONNECTOR 11P (US,CND,E,SP,MX,AUS)		JR1122	1-216-841-11	METAL CHIP 47K 5% 1/10W (AEP,UK)	
CNS7	1-569-321-11	SOCKET, CONNECTOR 15P(AEP,UK)					
CNS8	1-569-315-11	SOCKET, CONNECTOR 5P					

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
		< COIL >		R1231	1-216-813-11	METAL CHIP	220 5% 1/10W
L1901	1-216-864-11	METAL CHIP	0 5% 1/10W	R1232	1-216-813-11	METAL CHIP	220 5% 1/10W
		< TRANSISTOR >		R1233	1-216-813-11	METAL CHIP	220 5% 1/10W
Q1601	8-729-027-43	TRANSISTOR	RT1N141C-TP-1	R1234	1-216-813-11	METAL CHIP	220 5% 1/10W
Q1602	8-729-230-49	TRANSISTOR	2SC2712-YG-TE85L	R1235	1-216-813-11	METAL CHIP	220 5% 1/10W
		< RESISTOR >		R1236	1-216-813-11	METAL CHIP	220 5% 1/10W
R1100	1-216-857-11	METAL CHIP	1M 5% 1/10W	R1237	1-216-813-11	METAL CHIP	220 5% 1/10W
R1101	1-216-833-11	METAL CHIP	10K 5% 1/10W	R1238	1-216-813-11	METAL CHIP	220 5% 1/10W
R1102	1-216-833-11	METAL CHIP	10K 5% 1/10W	R1239	1-216-813-11	METAL CHIP	220 5% 1/10W
R1103	1-216-809-11	METAL CHIP	100 5% 1/10W	R1240	1-216-813-11	METAL CHIP	220 5% 1/10W
R1104	1-216-809-11	METAL CHIP	100 5% 1/10W	R1241	1-216-813-11	METAL CHIP	220 5% 1/10W
R1105	1-216-829-11	METAL CHIP	4.7K 5% 1/10W	R1242	1-216-813-11	METAL CHIP	220 5% 1/10W
R1106	1-216-839-11	METAL CHIP	33K 5% 1/10W	R1243	1-216-813-11	METAL CHIP	220 5% 1/10W
R1107	1-216-830-11	METAL CHIP	5.6K 5% 1/10W	R1244	1-216-813-11	METAL CHIP	220 5% 1/10W
R1108	1-216-809-11	METAL CHIP	100 5% 1/10W	R1304	1-216-841-11	METAL CHIP	47K 5% 1/10W
R1109	1-216-809-11	METAL CHIP	100 5% 1/10W	R1305	1-216-841-11	METAL CHIP	47K 5% 1/10W
R1110	1-216-821-11	METAL CHIP	1K 5% 1/10W	R1308	1-216-809-11	METAL CHIP	100 5% 1/10W
R1111	1-216-821-11	METAL CHIP	1K 5% 1/10W	R1314	1-216-864-11	METAL CHIP	0 5% 1/10W
R1112	1-216-809-11	METAL CHIP	100 5% 1/10W	R1364	1-216-864-11	METAL CHIP	0 5% 1/10W
R1113	1-216-821-11	METAL CHIP	1K 5% 1/10W	R1501	1-216-815-11	METAL CHIP	330 5% 1/10W
R1114	1-216-809-11	METAL CHIP	100 5% 1/10W	R1502	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1115	1-216-833-11	METAL CHIP	10K 5% 1/10W	R1503	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1116	1-218-285-11	METAL CHIP	75 5% 1/10W	R1504	1-216-815-11	METAL CHIP	330 5% 1/10W
R1117	1-216-821-11	METAL CHIP	1K 5% 1/10W	R1505	1-216-830-11	METAL CHIP	5.6K 5% 1/10W
R1118	1-216-854-11	METAL CHIP	560K 5% 1/10W	R1506	1-216-837-11	METAL CHIP	22K 5% 1/10W
R1119	1-216-837-11	METAL CHIP	22K 5% 1/10W	R1507	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R1121	1-216-809-11	METAL CHIP	100 5% 1/10W	R1508	1-216-845-11	METAL CHIP	100K 5% 1/10W
R1124	1-216-809-11	METAL CHIP	100 5% 1/10W	R1509	1-216-821-11	METAL CHIP	1K 5% 1/10W
R1202	1-216-809-11	METAL CHIP	100 5% 1/10W	R1516	1-216-813-11	METAL CHIP	220 5% 1/10W
R1203	1-216-833-11	METAL CHIP	10K 5% 1/10W	R1517	1-216-813-11	METAL CHIP	220 5% 1/10W
R1204	1-216-821-11	METAL CHIP	1K 5% 1/10W	R1518	1-216-813-11	METAL CHIP	220 5% 1/10W
R1205	1-216-809-11	METAL CHIP	100 5% 1/10W	R1519	1-216-813-11	METAL CHIP	220 5% 1/10W
R1206	1-216-809-11	METAL CHIP	100 5% 1/10W	R1520	1-216-813-11	METAL CHIP	220 5% 1/10W
R1207	1-216-809-11	METAL CHIP	100 5% 1/10W	R1521	1-216-813-11	METAL CHIP	220 5% 1/10W
R1208	1-216-809-11	METAL CHIP	100 5% 1/10W	R1551	1-216-815-11	METAL CHIP	330 5% 1/10W
R1209	1-216-809-11	METAL CHIP	100 5% 1/10W	R1552	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1210	1-216-833-11	METAL CHIP	10K 5% 1/10W	R1553	1-216-833-11	METAL CHIP	10K 5% 1/10W
R1212	1-216-813-11	METAL CHIP	220 5% 1/10W	R1554	1-216-815-11	METAL CHIP	330 5% 1/10W
R1213	1-216-813-11	METAL CHIP	220 5% 1/10W	R1555	1-216-830-11	METAL CHIP	5.6K 5% 1/10W
R1214	1-216-813-11	METAL CHIP	220 5% 1/10W	R1556	1-216-837-11	METAL CHIP	22K 5% 1/10W
R1215	1-216-813-11	METAL CHIP	220 5% 1/10W	R1557	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R1216	1-216-813-11	METAL CHIP	220 5% 1/10W	R1600	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R1217	1-216-813-11	METAL CHIP	220 5% 1/10W	R1601	1-216-821-11	METAL CHIP	1K 5% 1/10W
R1218	1-216-813-11	METAL CHIP	220 5% 1/10W	R1602	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R1219	1-216-813-11	METAL CHIP	220 5% 1/10W	R1603	1-216-821-11	METAL CHIP	1K 5% 1/10W
R1220	1-216-813-11	METAL CHIP	220 5% 1/10W	R1604	1-216-809-11	METAL CHIP	100 5% 1/10W
R1221	1-216-813-11	METAL CHIP	220 5% 1/10W	R1605	1-216-809-11	METAL CHIP	100 5% 1/10W
R1222	1-216-813-11	METAL CHIP	220 5% 1/10W	R1606	1-216-821-11	METAL CHIP	1K 5% 1/10W
R1224	1-216-813-11	METAL CHIP	220 5% 1/10W	R1607	1-216-821-11	METAL CHIP	1K 5% 1/10W
R1225	1-216-813-11	METAL CHIP	220 5% 1/10W	R1608	1-216-821-11	METAL CHIP	1K 5% 1/10W
R1226	1-216-813-11	METAL CHIP	220 5% 1/10W	R1609	1-216-821-11	METAL CHIP	1K 5% 1/10W
R1227	1-216-813-11	METAL CHIP	220 5% 1/10W	R1610	1-216-821-11	METAL CHIP	1K 5% 1/10W
R1228	1-216-813-11	METAL CHIP	220 5% 1/10W	R1611	1-216-821-11	METAL CHIP	1K 5% 1/10W
R1229	1-216-813-11	METAL CHIP	220 5% 1/10W	R1612	1-216-821-11	METAL CHIP	1K 5% 1/10W
R1230	1-216-813-11	METAL CHIP	220 5% 1/10W	R1613	1-216-821-11	METAL CHIP	1K 5% 1/10W
				R1614	1-216-821-11	METAL CHIP	1K 5% 1/10W
				R1615	1-216-821-11	METAL CHIP	1K 5% 1/10W

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DIGITAL **DISPLAY**

Ref. No.	Part No.	Description	Quantity	Percentage	Remarks
R1617	1-216-809-11	METAL CHIP	100	5%	1/10W
R1618	1-216-809-11	METAL CHIP	100	5%	1/10W
R1619	1-216-809-11	METAL CHIP	100	5%	1/10W
R1621	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1622	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1624	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1625	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1626	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1627	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1628	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1629	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1630	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1631	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1632	1-216-864-11	METAL CHIP	0	5%	1/10W (US,CND)
R1632	1-216-841-11	METAL CHIP	47K	5%	1/10W (MX,AUS)
R1632	1-216-829-11	METAL CHIP	4.7K	5%	1/10W (SP)
R1632	1-216-833-11	METAL CHIP	10K	5%	1/10W (E)
R1632	1-216-825-11	METAL CHIP	2.2K	5%	1/10W (AEP,UK)
R1633	1-216-841-11	METAL CHIP	47K	5%	1/10W (AEP,UK,E2,SP)
R1633	1-216-833-11	METAL CHIP	10K	5%	1/10W (AUS)
R1633	1-216-837-11	METAL CHIP	22K	5%	1/10W (MX)
R1635	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1636	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1637	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1638	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1639	1-216-809-11	METAL CHIP	100	5%	1/10W
R1640	1-216-809-11	METAL CHIP	100	5%	1/10W
R1641	1-216-809-11	METAL CHIP	100	5%	1/10W
R1642	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1643	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1644	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1645	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1646	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1647	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1648	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1649	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1650	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1651	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1654	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1655	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1656	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1657	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1658	1-216-809-11	METAL CHIP	100	5%	1/10W
R1659	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1660	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1662	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1663	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1664	1-216-809-11	METAL CHIP	100	5%	1/10W
R1665	1-216-809-11	METAL CHIP	100	5%	1/10W
R1667	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1668	1-216-833-11	METAL CHIP	10K	5%	1/10W

Ref. No.	Part No.	Description	Quantity	Percentage	Remarks
R1669	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1670	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1671	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1672	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1673	1-216-809-11	METAL CHIP	100	5%	1/10W
R1674	1-216-809-11	METAL CHIP	100	5%	1/10W
R1676	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1677	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1678	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1679	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1681	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1682	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1683	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1684	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1685	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1686	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1687	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1688	1-216-864-11	METAL CHIP	0	5%	1/10W
R1689	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1690	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1694	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1698	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1699	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1703	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1704	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1705	1-216-819-11	METAL CHIP	680	5%	1/10W (AEP,UK)
R1706	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1707	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1708	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1709	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1710	1-216-819-11	METAL CHIP	680	5%	1/10W (AEP,UK)
R1711	1-216-819-11	METAL CHIP	680	5%	1/10W (AEP,UK)
< VIBRATOR >					
X1101	1-781-465-21	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				

*	3-386-245-13	HOLDER (FL)			
*	4-921-941-01	CUSHION (FL)			
< CAPACITOR >					
C100	1-164-159-11	CERAMIC	0.1uF	50V	
C101	1-164-159-11	CERAMIC	0.1uF	50V	
C105	1-126-795-11	ELECT	10uF	20.00%	50V
C108	1-164-159-11	CERAMIC	0.1uF	50V	
C109	1-164-159-11	CERAMIC	0.1uF	50V	
C110	1-128-821-11	CERAMIC	1000PF	5%	50V
C111	1-128-813-11	CERAMIC	220PF	5%	50V
C112	1-128-813-11	CERAMIC	220PF	5%	50V
C114	1-164-159-11	CERAMIC	0.1uF	50V	
C115	1-126-795-11	ELECT	10uF	20.00%	50V

DISPLAY

HEADPHONE

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
C132	1-128-813-11	CERAMIC	220PF 5% 50V	R121	1-249-417-11	CARBON 1K 5% 1/4W F	
C133	1-128-813-11	CERAMIC	220PF 5% 50V	R122	1-249-421-11	CARBON 2.2K 5% 1/4W F	
C134	1-128-813-11	CERAMIC	220PF 5% 50V	R123	1-249-421-11	CARBON 2.2K 5% 1/4W F	
C135	1-128-813-11	CERAMIC	220PF 5% 50V				
C136	1-128-813-11	CERAMIC	220PF 5% 50V	R124	1-249-425-11	CARBON 4.7K 5% 1/4W F	
				R125	1-249-429-11	CARBON 10K 5% 1/4W	
C137	1-128-813-11	CERAMIC	220PF 5% 50V	R131	1-249-417-11	CARBON 1K 5% 1/4W F	
C138	1-128-813-11	CERAMIC	220PF 5% 50V	R132	1-249-421-11	CARBON 2.2K 5% 1/4W F	
C139	1-128-813-11	CERAMIC	220PF 5% 50V	R133	1-249-421-11	CARBON 2.2K 5% 1/4W F	
C140	1-128-813-11	CERAMIC	220PF 5% 50V				
C141	1-128-813-11	CERAMIC	220PF 5% 50V	R134	1-249-425-11	CARBON 4.7K 5% 1/4W F	
				R135	1-249-429-11	CARBON 10K 5% 1/4W	
C142	1-128-813-11	CERAMIC	220PF 5% 50V	R136	1-249-433-11	CARBON 22K 5% 1/4W	
C143	1-128-813-11	CERAMIC	220PF 5% 50V	R150	1-249-440-11	CARBON 82K 5% 1/4W	
C144	1-164-159-11	CERAMIC	0.1uF 50V	R153	1-247-807-31	CARBON 100 5% 1/4W	
C150	1-164-159-11	CERAMIC	0.1uF 50V				
C151	1-126-795-11	ELECT	10uF 20.00% 50V	△R154	1-249-393-11	CARBON 10 5% 1/4W F	
				R155	1-249-441-11	CARBON 100K 5% 1/4W	
C152	1-128-813-11	CERAMIC	220PF 5% 50V	R161	1-249-409-11	CARBON 220 5% 1/4W F	
C153	1-128-813-11	CERAMIC	220PF 5% 50V	△R175	1-249-393-11	CARBON 10 5% 1/4W F	
C154	1-128-813-11	CERAMIC	220PF 5% 50V	△R198	1-249-381-11	CARBON 1 5% 1/4W F	
C155	1-164-159-11	CERAMIC	0.1uF 50V				
C156	1-164-159-11	CERAMIC	0.1uF 50V	△R199	1-249-381-11	CARBON 1 5% 1/4W F	
C157	1-164-159-11	CERAMIC	0.1uF 50V				
						< SWITCH >	
				S100	1-771-410-21	SWITCH, TACTILE (MENU <)	
				S101	1-771-410-21	SWITCH, TACTILE (MENU >)	
				S102	1-771-410-21	SWITCH, TACTILE (MAIN MENU)	
				S103	1-771-410-21	SWITCH, TACTILE (ENTER)	
				S104	1-771-410-21	SWITCH, TACTILE (INPUT MODE)	
				S105	1-771-410-21	SWITCH, TACTILE (MENU -)	
				S106	1-771-410-21	SWITCH, TACTILE (MENU +)	
				S110	1-771-410-21	SWITCH, TACTILE (TUNER FM/AM)	
				S111	1-771-410-21	SWITCH, TACTILE (CD)	
				S112	1-771-410-21	SWITCH, TACTILE (MD/TAPE)	
				S113	1-771-410-21	SWITCH, TACTILE (DVD)	
				S114	1-771-410-21	SWITCH, TACTILE (MOVIE)	
				S115	1-771-410-21	SWITCH, TACTILE (MUSIC)	
				S120	1-771-410-21	SWITCH, TACTILE (SURROUND)	
				S121	1-771-410-21	SWITCH, TACTILE (TUNING -)	
				S122	1-771-410-21	SWITCH, TACTILE (FM MODE)	
				S123	1-771-410-21	SWITCH, TACTILE (TUNING +)	
				S124	1-771-410-21	SWITCH, TACTILE (2CH)	
				S125	1-771-410-21	SWITCH, TACTILE (PRESET TUNING +)	
				S130	1-771-410-21	SWITCH, TACTILE (VIDEO 2)	
				S131	1-771-410-21	SWITCH, TACTILE (VIDEO 1)	
				S132	1-771-410-21	SWITCH, TACTILE (PRESET TUNING -)	
				S133	1-771-410-21	SWITCH, TACTILE (MEMORY)	
				S134	1-771-410-21	SWITCH, TACTILE (DISPLAY)	
				S135	1-771-410-21	SWITCH, TACTILE (DIMMER)	

						HEADPHONE BOARD	

						< CAPACITOR >	
				C790	1-164-159-11	CERAMIC 0.1uF 50V	
				C792	1-164-159-11	CERAMIC 0.1uF 50V	
R101	1-249-417-11	CARBON	1K 5% 1/4W F				
R102	1-249-421-11	CARBON	2.2K 5% 1/4W F				
R103	1-249-421-11	CARBON	2.2K 5% 1/4W F				
R104	1-249-425-11	CARBON	4.7K 5% 1/4W F				
R105	1-249-429-11	CARBON	10K 5% 1/4W				
R106	1-249-433-11	CARBON	22K 5% 1/4W				
R111	1-249-417-11	CARBON	1K 5% 1/4W F				
R112	1-249-421-11	CARBON	2.2K 5% 1/4W F				
R113	1-249-421-11	CARBON	2.2K 5% 1/4W F				
R114	1-249-425-11	CARBON	4.7K 5% 1/4W F				
R115	1-249-429-11	CARBON	10K 5% 1/4W				
R118	1-249-433-11	CARBON	22K 5% 1/4W				

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
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STR-DE495P/K750P

HEADPHONE	MAIN
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Ref. No.	Part No.	Description	Remarks
		< CONNECTOR >	
CNP791	1-691-767-11	PLUG (MICRO CONNECTOR) 5P	
		< JACK >	
J791	1-815-314-21	JACK (PHONES)	

A-4731-171-A		MAIN BOARD, COMPLETE (US,CND)	

A-4731-280-A		MAIN BOARD, COMPLETE (AEP,UK,AUS)	

A-4731-422-A		MAIN BOARD, COMPLETE (E,SP,MX)	

7-685-646-79		SCREW +BVTP 3X8 TYPE2 IT-3	
		< CAPACITOR >	
C371	1-127-880-11	CERAMIC	0.022uF 10% 50V
C372	1-127-880-11	CERAMIC	0.022uF 10% 50V
C373	1-127-880-11	CERAMIC	0.022uF 10% 50V
C374	1-164-159-11	CERAMIC	0.1uF 50V
C375	1-127-880-11	CERAMIC	0.022uF 10% 50V
C376	1-127-880-11	CERAMIC	0.022uF 10% 50V
C400	1-164-159-11	CERAMIC	0.1uF 50V
C400	1-164-159-21	CERAMIC	0.1uF 50V (US,CND,E,SP,MX) (AEP,UK,AUS)
C402	1-126-961-11	ELECT	2.2uF 20.00% 50V
C404	1-126-961-11	ELECT	2.2uF 20.00% 50V
C405	1-126-961-11	ELECT	2.2uF 20.00% 50V
C406	1-126-961-11	ELECT	2.2uF 20.00% 50V
C407	1-126-961-11	ELECT	2.2uF 20.00% 50V
C408	1-126-961-11	ELECT	2.2uF 20.00% 50V
C409	1-126-963-11	ELECT	4.7uF 20.00% 50V
C413	1-124-257-00	ELECT	2.2uF 20% 50V
C414	1-124-257-00	ELECT	2.2uF 20% 50V
C415	1-124-257-00	ELECT	2.2uF 20% 50V
C416	1-126-961-11	ELECT	2.2uF 20.00% 50V
C417	1-124-257-00	ELECT	2.2uF 20% 50V
C418	1-126-961-11	ELECT	2.2uF 20.00% 50V
C419	1-124-257-00	ELECT	2.2uF 20% 50V
C433	1-126-961-11	ELECT	2.2uF 20.00% 50V
C452	1-126-961-11	ELECT	2.2uF 20.00% 50V
C454	1-126-961-11	ELECT	2.2uF 20.00% 50V
C455	1-126-961-11	ELECT	2.2uF 20.00% 50V
C456	1-126-961-11	ELECT	2.2uF 20.00% 50V
C457	1-126-961-11	ELECT	2.2uF 20.00% 50V
C458	1-126-961-11	ELECT	2.2uF 20.00% 50V
C459	1-126-963-11	ELECT	4.7uF 20.00% 50V
C464	1-164-159-11	CERAMIC	0.1uF 50V
C465	1-126-934-11	ELECT	220uF 20.00% 16V
C466	1-126-934-11	ELECT	220uF 20.00% 16V
C467	1-164-159-11	CERAMIC	0.1uF 50V
C471	1-126-963-11	ELECT	4.7uF 20.00% 50V
C472	1-126-963-11	ELECT	4.7uF 20.00% 50V
C481	1-126-963-11	ELECT	4.7uF 20.00% 50V
C482	1-126-963-11	ELECT	4.7uF 20.00% 50V
C483	1-126-963-11	ELECT	4.7uF 20.00% 50V
C484	1-126-963-11	ELECT	4.7uF 20.00% 50V

Ref. No.	Part No.	Description	Remarks
C485	1-126-963-11	ELECT	4.7uF 20.00% 50V
C486	1-126-963-11	ELECT	4.7uF 20.00% 50V
C487	1-126-964-11	ELECT	10uF 20.00% 50V
C488	1-164-159-11	CERAMIC	0.1uF 50V
C489	1-128-809-11	CERAMIC	100PF 5% 50V
C490	1-128-809-11	CERAMIC	100PF 5% 50V
C491	1-126-963-11	ELECT	4.7uF 20.00% 50V
C492	1-126-963-11	ELECT	4.7uF 20.00% 50V
C493	1-126-963-11	ELECT	4.7uF 20.00% 50V
C494	1-126-963-11	ELECT	4.7uF 20.00% 50V
C495	1-126-963-11	ELECT	4.7uF 20.00% 50V
C496	1-126-963-11	ELECT	4.7uF 20.00% 50V
C497	1-128-809-11	CERAMIC	100PF 5% 50V
C498	1-128-803-11	CERAMIC	33PF 5% 50V
C500	1-128-825-11	CERAMIC	2200PF 5% 50V (EXCEPT US,CND)
C501	1-126-963-11	ELECT	4.7uF 20.00% 50V
C503	1-104-665-11	ELECT	100uF 20.00% 10V
C504	1-107-583-11	CERAMIC	3PF 0.25PF 500V
C505	1-106-359-00	MYLAR	4700PF 5% 200V
C506	1-102-233-00	CERAMIC	33PF 10.00% 500V
C507	1-128-809-11	CERAMIC	100PF 5% 50V
C510	1-126-947-11	ELECT	47uF 20.00% 25V
C511	1-136-157-00	FILM	0.022uF 5.00% 50V
C516	1-162-815-11	CERAMIC	47PF 5.00% 500V
C517	1-162-815-11	CERAMIC	47PF 5.00% 500V
C519	1-128-813-11	CERAMIC	220PF 5% 50V
C540	1-126-964-11	ELECT	10uF 20.00% 50V
C541	1-127-876-11	CERAMIC	0.01uF 10% 50V
C601	1-126-963-11	ELECT	4.7uF 20.00% 50V
C603	1-104-665-11	ELECT	100uF 20.00% 10V
C604	1-107-583-11	CERAMIC	3PF 0.25PF 500V
C605	1-102-233-00	CERAMIC	33PF 10.00% 500V
C606	1-128-813-11	CERAMIC	220PF 5% 50V
C607	1-128-809-11	CERAMIC	100PF 5% 50V
C610	1-126-947-11	ELECT	47uF 20.00% 25V
C611	1-136-157-00	FILM	0.022uF 5.00% 50V
C619	1-128-813-11	CERAMIC	220PF 5% 50V
C620	1-162-815-11	CERAMIC	47PF 5.00% 500V
C621	1-162-815-11	CERAMIC	47PF 5.00% 500V
C640	1-126-964-11	ELECT	10uF 20.00% 50V
C642	1-127-876-11	CERAMIC	0.01uF 10% 50V
C651	1-126-963-11	ELECT	4.7uF 20.00% 50V
C653	1-104-665-11	ELECT	100uF 20.00% 10V
C654	1-107-583-11	CERAMIC	3PF 0.25PF 500V
C655	1-102-233-00	CERAMIC	33PF 10.00% 500V
C656	1-128-813-11	CERAMIC	220PF 5% 50V
C657	1-128-809-11	CERAMIC	100PF 5% 50V
C660	1-126-947-11	ELECT	47uF 20.00% 25V
C661	1-136-157-00	FILM	0.022uF 5.00% 50V
C666	1-162-815-11	CERAMIC	47PF 5.00% 500V
C669	1-162-815-11	CERAMIC	47PF 5.00% 500V
C670	1-128-813-11	CERAMIC	220PF 5% 50V
C680	1-126-964-11	ELECT	10uF 20.00% 50V
C681	1-127-876-11	CERAMIC	0.01uF 10% 50V
C691	1-164-159-11	CERAMIC	0.1uF 50V
C700	1-128-825-11	CERAMIC	2200PF 5% 50V
C701	1-126-963-11	ELECT	4.7uF 20.00% 50V

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
C703	1-104-665-11	ELECT	100uF 20.00% 10V	CC09	1-128-809-11	CERAMIC 100PF 5% 50V	(AEP,UK,AUS)
C704	1-107-583-11	CERAMIC	3PF 0.25PF 500V	CC12	1-127-876-11	CERAMIC 0.01uF 10% 50V	(AEP,UK,AUS)
C705	1-102-233-00	CERAMIC	33PF 10.00% 500V	CC14	1-127-876-11	CERAMIC 0.01uF 10% 50V	(AEP,UK,AUS)
C706	1-128-813-11	CERAMIC	220PF 5% 50V	CC16	1-127-876-11	CERAMIC 0.01uF 10% 50V	(AEP,UK,AUS)
C707	1-128-809-11	CERAMIC	100PF 5% 50V	CC18	1-127-876-11	CERAMIC 0.01uF 10% 50V	(AEP,UK,AUS)
C710	1-126-947-11	ELECT	47uF 20.00% 25V	CC20	1-127-876-11	CERAMIC 0.01uF 10% 50V	(AEP,UK,AUS)
C711	1-136-157-00	FILM	0.022uF 5.00% 50V	CC52	1-128-809-11	CERAMIC 100PF 5% 50V	(AEP,UK,AUS)
C716	1-162-815-11	CERAMIC	47PF 5.00% 500V	CC54	1-128-809-11	CERAMIC 100PF 5% 50V	(AEP,UK,AUS)
C717	1-162-815-11	CERAMIC	47PF 5.00% 500V	CC55	1-128-809-11	CERAMIC 100PF 5% 50V	(AEP,UK,AUS)
C720	1-128-813-11	CERAMIC	220PF 5% 50V	CC56	1-128-809-11	CERAMIC 100PF 5% 50V	(AEP,UK,AUS)
C721	1-126-934-11	ELECT	220uF 20.00% 16V	CC57	1-128-809-11	CERAMIC 100PF 5% 50V	(AEP,UK,AUS)
C722	1-126-964-11	ELECT	10uF 20.00% 50V	CC58	1-128-809-11	CERAMIC 100PF 5% 50V	(AEP,UK,AUS)
C732	1-128-582-11	ELECT	10uF 20.00% 100V	CC59	1-128-809-11	CERAMIC 100PF 5% 50V	(AEP,UK,AUS)
C733	1-128-582-11	ELECT	10uF 20.00% 100V				
C740	1-126-964-11	ELECT	10uF 20.00% 50V				
C741	1-128-579-11	ELECT	2.2uF 20.00% 100V				
C742	1-127-876-11	CERAMIC	0.01uF 10% 50V				
C750	1-126-964-11	ELECT	10uF 20.00% 50V				
C751	1-126-963-11	ELECT	4.7uF 20.00% 50V				
C752	1-127-876-11	CERAMIC	0.01uF 10% 50V				
C753	1-104-665-11	ELECT	100uF 20.00% 10V				
C754	1-107-583-11	CERAMIC	3PF 0.25PF 500V				
C755	1-102-233-00	CERAMIC	33PF 10.00% 500V				
C756	1-128-813-11	CERAMIC	220PF 5% 50V				
C757	1-128-809-11	CERAMIC	100PF 5% 50V				
C760	1-126-947-11	ELECT	47uF 20.00% 25V				
C761	1-136-157-00	FILM	0.022uF 5.00% 50V				
C766	1-162-815-11	CERAMIC	47PF 5.00% 500V				
C767	1-162-815-11	CERAMIC	47PF 5.00% 500V				
C770	1-128-813-11	CERAMIC	220PF 5% 50V				
C800	1-128-825-11	CERAMIC	2200PF 5% 50V				
C801	1-126-947-11	ELECT	47uF 20.00% 35V				
C802	1-126-947-11	ELECT	47uF 20.00% 35V				
C803	1-165-946-11	ELECT	6800uF 20% 71V				
C804	1-165-946-11	ELECT	6800uF 20% 71V				
C805	1-135-851-21	MYLAR	0.22uF 100V				
C806	1-135-851-21	MYLAR	0.22uF 100V				
C807	1-104-665-11	ELECT	100uF 20.00% 10V				
C808	1-126-935-11	ELECT	470uF 20.00% 10V				
C810	1-164-159-11	CERAMIC	0.1uF 50V				
C811	1-164-159-11	CERAMIC	0.1uF 50V				
C822	1-126-947-11	ELECT	47uF 20.00% 35V				
C830	1-164-159-11	CERAMIC	0.1uF 50V				
C901	1-164-159-11	CERAMIC	0.1uF 50V				
C903	1-126-936-11	ELECT	3300uF 20.00% 16V				
		< CAPACITOR >					
CC02	1-128-809-11	CERAMIC	100PF 5% 50V				
			(AEP,UK,AUS)				
CC04	1-128-809-11	CERAMIC	100PF 5% 50V				
			(AEP,UK,AUS)				
CC05	1-128-809-11	CERAMIC	100PF 5% 50V				
			(AEP,UK,AUS)				
CC06	1-128-809-11	CERAMIC	100PF 5% 50V				
			(AEP,UK,AUS)				
CC07	1-128-809-11	CERAMIC	100PF 5% 50V				
			(AEP,UK,AUS)				
CC08	1-128-809-11	CERAMIC	100PF 5% 50V				
			(AEP,UK,AUS)				
		< CONNECTOR >					
				CNP501	1-573-845-11	CONNECTOR, BOARD TO BOARD 13P	
				CNP502	1-784-038-21	CONNECTOR, BOARD TO BOARD 9P	
				CNP801	1-564-104-11	PIN, CONNECTOR(3.96mm PITCH)3P	
				CNP802	1-691-767-11	PLUG (MICRO CONNECTOR) 5P	
				CNP911	1-784-929-11	PIN, CONNECTOR 14P	
				CNP915	1-770-480-11	SOCKET, CONNECTOR PIN 4P	
				* CNP916	1-564-104-00	PIN, CONNECTOR(3.96MM PITCH)3P	
		< DIODE >					
				D505	8-719-911-19	DIODE 1SS133T-72	
				D510	8-719-911-19	DIODE 1SS133T-72	
				D540	8-719-911-19	DIODE 1SS133T-72	
				D560	8-719-911-19	DIODE 1SS133T-72	
				D605	8-719-911-19	DIODE 1SS133T-72	
				D610	8-719-911-19	DIODE 1SS133T-72	
				D640	8-719-911-19	DIODE 1SS133T-72	
				D665	8-719-911-19	DIODE 1SS133T-72	
				D680	8-719-911-19	DIODE 1SS133T-72	
				D690	8-719-934-21	DIODE HZS30-1LTA	
				D691	8-719-911-19	DIODE 1SS133T-72	
				D705	8-719-911-19	DIODE 1SS133T-72	
				D710	8-719-911-19	DIODE 1SS133T-72	
				D721	8-719-911-19	DIODE 1SS133T-72	
				D722	8-719-911-19	DIODE 1SS133T-72	
				D731	8-719-911-19	DIODE 1SS133T-72	
				D732	8-719-911-19	DIODE 1SS133T-72	
				D733	8-719-911-19	DIODE 1SS133T-72	
				D734	8-719-911-19	DIODE 1SS133T-72	
				D740	8-719-911-19	DIODE 1SS133T-72	
				D750	8-719-911-19	DIODE 1SS133T-72	
				D765	8-719-911-19	DIODE 1SS133T-72	
				D791	8-719-911-19	DIODE 1SS133T-72	
				D801	8-719-934-21	DIODE HZS30-1LTA	

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MAIN

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
D802	8-719-072-05	DIODE D5SBA20-4003		Q680	8-729-281-53	TRANSISTOR 2SC1815GR-TPE2	
D804	8-719-118-63	DIODE RD5.6F-T7B2		Q691	8-729-281-53	TRANSISTOR 2SC1815GR-TPE2	
D896	8-719-043-76	DIODE AK04V1		Q692	8-729-900-63	TRANSISTOR BN1F4M-TP	
D902	8-719-024-99	DIODE 11ES2-NTA2B		Q701	8-729-119-76	TRANSISTOR 2SA1115TP-EF	
D903	8-719-024-99	DIODE 11ES2-NTA2B		Q702	8-729-141-30	TRANSISTOR 2SC3623ATP-LK	
D904	8-719-024-99	DIODE 11ES2-NTA2B		Q705	8-729-140-82	TRANSISTOR 2SA988TP-PAFAEA	
D905	8-719-024-99	DIODE 11ES2-NTA2B		Q706	8-729-140-82	TRANSISTOR 2SA988TP-PAFAEA	
		< IC >		Q710	8-729-119-79	TRANSISTOR 2SC2785TP-FEK	
IC201	6-703-501-01	IC M61527FP		Q722	8-729-140-84	TRANSISTOR 2SC1841TP-PAFAEA	
IC401	8-759-636-74	IC NJM4565DD		Q723	8-729-119-79	TRANSISTOR 2SC2785TP-FEK	
IC501	8-749-011-16	IC STK350-230		Q725	8-729-140-82	TRANSISTOR 2SA988TP-PAFAEA	
IC601	8-759-636-74	IC NJM4565DD		Q740	8-729-281-53	TRANSISTOR 2SC1815GR-TPE2	
IC701	6-700-943-01	IC uPC2581V-S		Q747	8-729-900-63	TRANSISTOR BN1F4M-TP	
IC702	6-700-943-01	IC uPC2581V-S		Q748	8-729-900-36	TRANSISTOR BA1F4M-TP	
IC801	8-759-649-68	IC uPC78M07AHF		Q750	8-729-281-53	TRANSISTOR 2SC1815GR-TPE2	
IC802	8-759-604-95	IC M5F79M07L		Q751	8-729-119-76	TRANSISTOR 2SA1115TP-EF	
		< JACK >		Q752	8-729-141-30	TRANSISTOR 2SC3623ATP-LK	
J402	1-794-981-11	JACK, PIN 4P (MD/TAPE,CD)		Q755	8-729-140-82	TRANSISTOR 2SA988TP-PAFAEA	
J403	1-794-981-11	JACK, PIN 4P (DVD,MD/TAPE)		Q756	8-729-140-82	TRANSISTOR 2SA988TP-PAFAEA	
J404	1-774-411-11	JACK, PIN 6P (VIDEO1,VIDEO2)		Q790	8-729-119-79	TRANSISTOR 2SC2785TP-FEK	
J405	1-770-377-21	JACK, PIN 1P (SUB WOOFER)		Q801	8-729-140-97	TRANSISTOR 2SB734-T-34	
		< COIL >				< RESISTOR >	
L521	1-422-009-13	COIL, AIR-CORE		R360	1-249-441-11	CARBON 100K 5% 1/4W	
L601	1-422-009-13	COIL, AIR-CORE		R361	1-249-425-11	CARBON 4.7K 5% 1/4W F	
L651	1-422-009-13	COIL, AIR-CORE		R362	1-249-425-11	CARBON 4.7K 5% 1/4W F	
L701	1-422-009-13	COIL, AIR-CORE		R363	1-249-441-11	CARBON 100K 5% 1/4W	
L751	1-422-009-13	COIL, AIR-CORE		R366	1-249-429-11	CARBON 10K 5% 1/4W	
		< TRANSISTOR >		R367	1-249-441-11	CARBON 100K 5% 1/4W	
Q361	8-729-823-22	TRANSISTOR 2SC3576-AC		R368	1-249-437-11	CARBON 47K 5% 1/4W	
Q362	8-729-823-22	TRANSISTOR 2SC3576-AC		R369	1-249-425-11	CARBON 4.7K 5% 1/4W F	
Q363	8-729-823-22	TRANSISTOR 2SC3576-AC		R370	1-249-425-11	CARBON 4.7K 5% 1/4W F	
Q364	8-729-823-22	TRANSISTOR 2SC3576-AC		R371	1-249-441-11	CARBON 100K 5% 1/4W	
Q365	8-729-823-22	TRANSISTOR 2SC3576-AC		R372	1-249-441-11	CARBON 100K 5% 1/4W	
Q366	8-729-823-22	TRANSISTOR 2SC3576-AC		R373	1-249-417-11	CARBON 1K 5% 1/4W F	
Q379	8-729-900-63	TRANSISTOR BN1F4M-TP		R374	1-249-417-11	CARBON 1K 5% 1/4W F	
Q471	8-729-823-22	TRANSISTOR 2SC3576-AC		R375	1-249-417-11	CARBON 1K 5% 1/4W F	
Q501	8-729-119-76	TRANSISTOR 2SA1115TP-EF		R376	1-249-417-11	CARBON 1K 5% 1/4W F	
Q502	8-729-141-30	TRANSISTOR 2SC3623ATP-LK		R377	1-249-417-11	CARBON 1K 5% 1/4W F	
Q505	8-729-140-82	TRANSISTOR 2SA988TP-PAFAEA		R378	1-249-417-11	CARBON 1K 5% 1/4W F	
Q506	8-729-140-82	TRANSISTOR 2SA988TP-PAFAEA		R379	1-249-425-11	CARBON 4.7K 5% 1/4W F	
Q540	8-729-281-53	TRANSISTOR 2SC1815GR-TPE2		R380	1-249-441-11	CARBON 100K 5% 1/4W	
Q550	8-729-119-79	TRANSISTOR 2SC2785TP-FEK		R381	1-249-429-11	CARBON 10K 5% 1/4W	
Q560	8-729-119-79	TRANSISTOR 2SC2785TP-FEK		R402	1-249-417-11	CARBON 1K 5% 1/4W F	
Q601	8-729-119-76	TRANSISTOR 2SA1115TP-EF		R404	1-249-417-11	CARBON 1K 5% 1/4W F	
Q602	8-729-141-30	TRANSISTOR 2SC3623ATP-LK		R405	1-249-417-11	CARBON 1K 5% 1/4W F	
Q605	8-729-140-82	TRANSISTOR 2SA988TP-PAFAEA		R406	1-249-417-11	CARBON 1K 5% 1/4W F	
Q606	8-729-140-82	TRANSISTOR 2SA988TP-PAFAEA		R407	1-249-417-11	CARBON 1K 5% 1/4W F	
Q610	8-729-119-79	TRANSISTOR 2SC2785TP-FEK		R408	1-249-417-11	CARBON 1K 5% 1/4W F	
Q640	8-729-281-53	TRANSISTOR 2SC1815GR-TPE2		R409	1-249-417-11	CARBON 1K 5% 1/4W F	
Q651	8-729-119-76	TRANSISTOR 2SA1115TP-EF		R410	1-249-437-11	CARBON 47K 5% 1/4W	
Q652	8-729-141-30	TRANSISTOR 2SC3623ATP-LK		R430	1-249-437-11	CARBON 47K 5% 1/4W	
Q655	8-729-140-82	TRANSISTOR 2SA988TP-PAFAEA		R452	1-249-417-11	CARBON 1K 5% 1/4W F	
Q656	8-729-140-82	TRANSISTOR 2SA988TP-PAFAEA		R454	1-249-417-11	CARBON 1K 5% 1/4W F	
				R455	1-249-417-11	CARBON 1K 5% 1/4W F	
				R456	1-249-417-11	CARBON 1K 5% 1/4W F	
				R457	1-249-417-11	CARBON 1K 5% 1/4W F	
				R458	1-249-417-11	CARBON 1K 5% 1/4W F	

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
R459	1-249-417-11	CARBON	1K 5% 1/4W F	△ R615	1-249-405-11	CARBON	100 5% 1/4W F
R469	1-249-417-11	CARBON	1K 5% 1/4W F	△ R616	1-234-182-11	ENCAPSULATED COMPONENT	
R470	1-249-437-11	CARBON	47K 5% 1/4W				
R471	1-249-417-11	CARBON	1K 5% 1/4W F	△ R617	1-249-393-11	CARBON	10 5% 1/4W F
R472	1-249-417-11	CARBON	1K 5% 1/4W F	△ R618	1-249-389-11	CARBON	4.7 5% 1/4W F
				R620	1-249-425-11	CARBON	4.7K 5% 1/4W F
R473	1-249-425-11	CARBON	4.7K 5% 1/4W F	R621	1-247-850-11	CARBON	6.2K 5% 1/4W
R474	1-249-429-11	CARBON	10K 5% 1/4W	R622	1-249-419-11	CARBON	1.5K 5% 1/4W F
R475	1-249-421-11	CARBON	2.2K 5% 1/4W F				
R476	1-247-807-11	RES-CHIP	100 5% 1/4W	R623	1-249-437-11	CARBON	47K 5% 1/4W
R477	1-247-807-11	RES-CHIP	100 5% 1/4W	R624	1-249-431-11	CARBON	15K 5% 1/4W
				R625	1-249-439-11	CARBON	68K 5% 1/4W
R478	1-247-807-11	RES-CHIP	100 5% 1/4W	R631	1-249-425-11	CARBON	4.7K 5% 1/4W F
R479	1-249-421-11	RES-CHIP	2.2K 5% 1/4W	△ R634	1-249-404-00	CARBON	82 5% 1/4W F
R499	1-249-437-11	CARBON	47K 5% 1/4W				
R501	1-249-417-11	CARBON	1K 5% 1/4W F	R638	1-249-439-11	CARBON	68K 5% 1/4W
R502	1-249-439-11	CARBON	68K 5% 1/4W	R640	1-249-433-11	CARBON	22K 5% 1/4W
				R648	1-247-843-11	CARBON	3.3K 5% 1/4W
R503	1-249-421-11	CARBON	2.2K 5% 1/4W F				(US,CND,AEP,UK,AUS)
			(US,CND,E,SP,MX)	R648	1-249-427-11	CARBON	6.8K 5% 1/4W F
R503	1-249-418-11	CARBON	1.2K 5% 1/4W F				(E,SP,MX)
			(AEP,UK,AUS)	R651	1-249-417-11	CARBON	1K 5% 1/4W F
R504	1-249-413-11	CARBON	470 5% 1/4W F				
R505	1-249-439-11	CARBON	68K 5% 1/4W	R652	1-249-439-11	CARBON	68K 5% 1/4W
R510	1-249-421-11	CARBON	2.2K 5% 1/4W F	R653	1-249-421-11	CARBON	2.2K 5% 1/4W F
							(US,CND,E,SP,MX)
R511	1-249-440-11	CARBON	82K 5% 1/4W	R653	1-249-418-11	CARBON	1.2K 5% 1/4W F
R513	1-249-414-11	CARBON	560 5% 1/4W F				(AEP,UK,AUS)
△ R514	1-249-405-11	CARBON	100 5% 1/4W F	R654	1-249-439-11	CARBON	68K 5% 1/4W
△ R515	1-249-405-11	CARBON	100 5% 1/4W F	R655	1-249-433-11	CARBON	22K 5% 1/4W
△ R516	1-234-182-11	ENCAPSULATED COMPONENT					
				R656	1-249-433-11	CARBON	22K 5% 1/4W
△ R517	1-249-393-11	CARBON	10 5% 1/4W F	R657	1-249-431-11	CARBON	15K 5% 1/4W
R520	1-249-425-11	CARBON	4.7K 5% 1/4W F	R660	1-249-421-11	CARBON	2.2K 5% 1/4W F
R521	1-247-850-11	CARBON	6.2K 5% 1/4W	R661	1-249-440-11	CARBON	82K 5% 1/4W
R522	1-249-419-11	CARBON	1.5K 5% 1/4W F	R663	1-249-414-11	CARBON	560 5% 1/4W F
R524	1-249-431-11	CARBON	15K 5% 1/4W				
				△ R664	1-249-405-11	CARBON	100 5% 1/4W F
R525	1-249-439-11	CARBON	68K 5% 1/4W	△ R665	1-249-405-11	CARBON	100 5% 1/4W F
△ R528	1-249-389-11	CARBON	4.7 5% 1/4W F	△ R666	1-234-182-11	ENCAPSULATED COMPONENT	
R531	1-249-425-11	CARBON	4.7K 5% 1/4W F	△ R667	1-249-393-11	CARBON	10 5% 1/4W F
R532	1-249-425-11	CARBON	4.7K 5% 1/4W F	△ R668	1-249-389-11	CARBON	4.7 5% 1/4W F
R533	1-249-437-11	CARBON	47K 5% 1/4W				
				R669	1-249-425-11	CARBON	4.7K 5% 1/4W F
△ R534	1-249-404-00	CARBON	82 5% 1/4W F	R671	1-247-850-11	CARBON	6.2K 5% 1/4W
R540	1-249-433-11	CARBON	22K 5% 1/4W	R672	1-249-419-11	CARBON	1.5K 5% 1/4W F
R546	1-247-843-11	CARBON	3.3K 5% 1/4W	R673	1-249-437-11	CARBON	47K 5% 1/4W
			(US,CND,AEP,UK,AUS)	R674	1-249-431-11	CARBON	15K 5% 1/4W
R546	1-249-427-11	CARBON	6.8K 5% 1/4W F				
			(E,SP,MX)	R675	1-249-433-11	CARBON	22K 5% 1/4W
R555	1-249-433-11	CARBON	22K 5% 1/4W	R676	1-249-433-11	CARBON	22K 5% 1/4W
				R677	1-249-431-11	CARBON	15K 5% 1/4W
R556	1-249-433-11	CARBON	22K 5% 1/4W	R680	1-249-433-11	CARBON	22K 5% 1/4W
R557	1-249-431-11	CARBON	15K 5% 1/4W	R681	1-247-843-11	CARBON	3.3K 5% 1/4W
R560	1-249-429-11	CARBON	10K 5% 1/4W				(US,CND,AEP,UK,AUS)
R573	1-249-437-11	CARBON	47K 5% 1/4W				
R601	1-249-417-11	CARBON	1K 5% 1/4W F	R681	1-249-427-11	CARBON	6.8K 5% 1/4W F
							(E,SP,MX)
R602	1-249-439-11	CARBON	68K 5% 1/4W	R690	1-247-887-00	CARBON	220K 5% 1/4W
R603	1-249-421-11	CARBON	2.2K 5% 1/4W F	R691	1-215-888-00	METAL OXIDE	220 5% 2W
			(US,CND,E,SP,MX)				(US,CND)
R603	1-249-418-11	CARBON	1.2K 5% 1/4W F	R691	1-216-453-00	METAL OXIDE	270 5% 2W
			(AEP,UK,AUS)				(AEP,UK,E,SP,MX,AUS)
R604	1-249-439-11	CARBON	68K 5% 1/4W	R692	1-215-889-00	METAL OXIDE	330 5% 2W
R610	1-249-421-11	CARBON	2.2K 5% 1/4W F				
				R693	1-249-429-11	CARBON	10K 5% 1/4W
R611	1-249-440-11	CARBON	82K 5% 1/4W				
R613	1-249-414-11	CARBON	560 5% 1/4W F				
△ R614	1-249-405-11	CARBON	100 5% 1/4W F				

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

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

STR-DE495P/K750P

MAIN	POWER
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Ref. No.	Part No.	Description	Remarks
R694	1-249-429-11	CARBON 10K 5%	1/4W
R695	1-249-429-11	CARBON 10K 5%	1/4W
R696	1-249-435-11	CARBON 33K 5%	1/4W
R698	1-249-429-11	CARBON 10K 5%	1/4W
R699	1-247-895-00	CARBON 470K 5%	1/4W
R701	1-249-417-11	CARBON 1K 5%	1/4W F
R702	1-249-439-11	CARBON 68K 5%	1/4W
R703	1-249-421-11	CARBON 2.2K 5%	1/4W F
R703	1-249-418-11	CARBON 1.2K 5%	1/4W F (US,CND,E,SP,MX) (AEP,UK,AUS)
R704	1-249-439-11	CARBON 68K 5%	1/4W
R710	1-249-421-11	CARBON 2.2K 5%	1/4W F
R711	1-249-440-11	CARBON 82K 5%	1/4W
R713	1-249-414-11	CARBON 560 5%	1/4W F
△ R714	1-249-405-11	CARBON 100 5%	1/4W F
△ R715	1-249-405-11	CARBON 100 5%	1/4W F
△ R716	1-234-182-11	ENCAPSULATED COMPONENT	
△ R717	1-249-393-11	CARBON 10 5%	1/4W F
△ R718	1-249-389-11	CARBON 4.7 5%	1/4W F
R719	1-249-425-11	CARBON 4.7K 5%	1/4W F
R721	1-247-850-11	CARBON 6.2K 5%	1/4W
R722	1-249-419-11	CARBON 1.5K 5%	1/4W F
R723	1-249-437-11	CARBON 47K 5%	1/4W
R724	1-249-431-11	CARBON 15K 5%	1/4W
R725	1-249-439-11	CARBON 68K 5%	1/4W
R731	1-249-425-11	CARBON 4.7K 5%	1/4W F
△ R732	1-249-381-11	CARBON 1 5%	1/4W F
△ R733	1-249-381-11	CARBON 1 5%	1/4W F
△ R734	1-249-404-00	CARBON 82 5%	1/4W F
R735	1-249-427-11	CARBON 6.8K 5%	1/4W F
R736	1-249-417-11	CARBON 1K 5%	1/4W F
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 (US,CND,AEP,UK,AUS)
R748	1-249-427-11	CARBON 6.8K 5%	1/4W F (E,SP,MX)
R750	1-249-433-11	CARBON 22K 5%	1/4W
R751	1-249-417-11	CARBON 1K 5%	1/4W F
R752	1-249-439-11	CARBON 68K 5%	1/4W
R753	1-249-421-11	CARBON 2.2K 5%	1/4W F (US,CND,E,SP,MX)
R753	1-249-418-11	CARBON 1.2K 5%	1/4W F (AEP,UK,AUS)
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 (US,CND,AEP,UK,AUS)
R758	1-249-427-11	CARBON 6.8K 5%	1/4W F (E,SP,MX)

Ref. No.	Part No.	Description	Remarks
R760	1-249-421-11	CARBON 2.2K 5%	1/4W F
R761	1-249-440-11	CARBON 82K 5%	1/4W
R763	1-249-414-11	CARBON 560 5%	1/4W F
△ R764	1-249-405-11	CARBON 100 5%	1/4W F
△ R765	1-249-405-11	CARBON 100 5%	1/4W F
△ R766	1-234-182-11	ENCAPSULATED COMPONENT	
△ R767	1-249-393-11	CARBON 10 5%	1/4W F
△ R768	1-249-389-11	CARBON 4.7 5%	1/4W F
R769	1-249-425-11	CARBON 4.7K 5%	1/4W F
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 F
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 F
R792	1-215-868-00	METAL OXIDE 680 5%	1W
△ R793	1-249-404-00	CARBON 82 5%	1/4W F
R794	1-215-868-00	METAL OXIDE 680 5%	1W
△ R802	1-249-409-11	CARBON 220 5%	1/4W F
△ R803	1-249-389-11	CARBON 4.7 5%	1/4W F
R804	1-249-426-11	CARBON 5.6K 5%	1/4W
R806	1-249-433-11	CARBON 22K 5%	1/4W
△ R910	1-243-635-11	FUSIBLE 0.33 5%	1/2W
< RESISTOR >			
△ RR11	1-249-393-11	CARBON 10 5%	1/4W F (AEP,UK,AUS)
△ RR12	1-249-393-11	CARBON 10 5%	1/4W F (AEP,UK,AUS)
△ RR13	1-249-393-11	CARBON 10 5%	1/4W F (AEP,UK,AUS)
△ RR14	1-249-393-11	CARBON 10 5%	1/4W F (AEP,UK,AUS)
△ RR15	1-249-393-11	CARBON 10 5%	1/4W F (AEP,UK,AUS)
< RELAY >			
RY501	1-515-921-11	RELAY	
RY560	1-755-267-11	RELAY	
RY601	1-515-921-11	RELAY	
RY701	1-515-921-11	RELAY	
RY791	1-515-921-11	RELAY	
< TERMINAL >			
TM601	1-694-805-11	TERMINAL BOARD (CENTER/SURROUND)	
TM602	1-694-785-11	TERMINAL BOARD (FRONT)	

POWER BOARD			

< CONNECTOR >			
* CNP102	1-564-518-11	PLUG, CONNECTOR 3P	

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POWER	STANDBY	VIDEO
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Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
		< SWITCH >		△ R812	1-243-634-91	FUSIBLE	0.22 5% 1/2W (US,CND)
S152	1-771-410-21	SWITCH, TACTILE (I/Ⓞ)		△ R901	1-219-237-91	SOLID	3.3M 20% 1/2W (US,CND)
*****				R902	1-249-437-11	CARBON	47K 5% 1/4W
	1-686-904-11	STANDBY BOARD		R903	1-249-425-11	CARBON	4.7K 5% 1/4W F
		*****		△ R904	1-249-381-11	CARBON	1 5% 1/4W F
		< CAPACITOR >		R921	1-249-437-11	CARBON	47K 5% 1/4W
C813	1-164-159-11	CERAMIC	0.1uF 50V	R922	1-249-435-11	CARBON	33K 5% 1/4W
C814	1-164-159-11	CERAMIC	0.1uF 50V	R923	1-249-429-11	CARBON	10K 5% 1/4W
C815	1-126-943-11	ELECT	2200uF 20.00% 25V			< RELAY >	
C816	1-126-942-61	ELECT	1000uF 20.00% 25V	△ RY901	1-755-276-11	RELAY, POWER	
C920	1-164-159-11	CERAMIC	0.1uF 50V			< SWITCH >	
C921	1-164-159-11	CERAMIC	0.1uF 50V	△ S901	1-786-055-21	SELECTOR, VOLTAGE (VOLTAGE SELECTOR)	(E)
C923	1-126-959-11	ELECT	0.47uF 20.00% 50V			< TRANSFORMER >	
C950	1-126-936-11	ELECT	3300uF 20.00% 16V	T902	1-435-281-11	TRANSFORMER, POWER (US,CND,MX)	
		< CONNECTOR >		T902	1-435-434-11	TRANSFORMER, POWER (E)	
CNP901	1-564-321-00	PIN, CONNECTOR(3.96mm PITCH)2P		T902	1-435-435-11	TRANSFORMER, POWER (AEP,UK,SP,AUS)	
* CNP902	1-565-792-11	PIN, CONNECTOR(3.96mm PITCH)2P	(EXCEPT E)	*****			
CNP903	1-564-506-11	PLUG, CONNECTOR 3P		A-4731-175-A	VIDEO BOARD, COMPLETE		
CNP905	1-779-495-11	PLUG, CONNECTOR PIN 4P			*****		
CNP906	1-568-106-11	PIN, CONNECTOR(3.96mm PITCH)4P	(E)			< CAPACITOR >	
CNP912	1-779-978-11	PIN, CONNECTOR 3P		C200	1-128-805-11	CERAMIC	47PF 5% 50V
		< DIODE >		C201	1-128-805-11	CERAMIC	47PF 5% 50V
D820	8-719-024-99	DIODE 11ES2-NTA2B		C206	1-126-964-11	ELECT	10uF 20.00% 50V
D821	8-719-024-99	DIODE 11ES2-NTA2B		C207	1-126-964-11	ELECT	10uF 20.00% 50V
D822	8-719-024-99	DIODE 11ES2-NTA2B		C208	1-126-964-11	ELECT	10uF 20.00% 50V
D823	8-719-024-99	DIODE 11ES2-NTA2B		C210	1-126-964-11	ELECT	10uF 20.00% 50V
D901	8-719-911-19	DIODE 1SS133T-72		C213	1-126-934-11	ELECT	220uF 20.00% 16V
D910	8-719-024-99	DIODE 11ES2-NTA2B		C214	1-164-159-11	CERAMIC	0.1uF 50V
D911	8-719-024-99	DIODE 11ES2-NTA2B		C215	1-164-159-11	CERAMIC	0.1uF 50V
D912	8-719-024-99	DIODE 11ES2-NTA2B		C248	1-128-825-11	CERAMIC	2200PF 5% 50V
D913	8-719-024-99	DIODE 11ES2-NTA2B		C809	1-126-934-11	ELECT	220uF 20.00% 16V
D914	8-719-911-19	DIODE 1SS133T-72		C824	1-164-159-11	CERAMIC	0.1uF 50V
D915	8-719-911-19	DIODE 1SS133T-72		C825	1-164-159-11	CERAMIC	0.1uF 50V
		< EARTH TERMINAL >		C827	1-126-947-11	ELECT	47uF 20.00% 25V
* G901	1-537-738-21	TERMINAL, EARTH (US,CND)				< CONNECTOR >	
		< FUSE HOLDER >		CNP156	1-691-765-11	PLUG (MICRO CONNECTOR) 3P	
FH901	1-533-293-11	FUSE HOLDER	0A 0V			< CONNECTOR SOCKET >	
FH902	1-533-293-11	FUSE HOLDER	0A 0V	CNS250	1-569-315-11	SOCKET, CONNECTOR 5P	
		< TRANSISTOR >				< DIODE >	
Q901	8-729-119-79	TRANSISTOR	2SC2785TP-FEK	D203	8-719-911-19	DIODE 1SS133T-72	
Q921	8-729-119-79	TRANSISTOR	2SC2785TP-FEK	D204	8-719-911-19	DIODE 1SS133T-72	
		< RESISTOR >					
△ R810	1-243-634-91	FUSIBLE	0.22 5% 1/2W (US,CND)				
△ R810	1-240-877-11	FUSIBLE	0.15 5% 1/2W (AEP,UK,E,SP,MX,AUS)				

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STR-DE495P/K750P

Ver 1.1

VIDEO

VOLUME

Ref. No.	Part No.	Description	Remarks
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< IC >

IC103	6-701-890-01	IC NJM2595D	
IC804	8-759-701-65	IC NJM79M05FA	
IC807	8-759-039-69	IC uPC7805AHF	

< JACK >

J200	1-794-978-11	JACK, PIN 3P (VIDEO1,VIDEO2,DVD)	
J201	1-815-043-11	JACK, PIN 2P (VIDEO1,MONITOR)	

< RESISTOR >

R200	1-247-804-11	CARBON	75	5%	1/4W
R201	1-247-804-11	CARBON	75	5%	1/4W
R218	1-247-804-11	CARBON	75	5%	1/4W
R220	1-247-804-11	CARBON	75	5%	1/4W
R221	1-247-804-11	CARBON	75	5%	1/4W

VOLUME BOARD

< CONNECTOR >

* CNP104	1-564-518-11	PLUG, CONNECTOR 3P	
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< VARIABLE RESISTOR >

RV102	1-418-725-41	ENCODER, ROTARY (12 TYPE)	
		(MASTER VOLUME)	

MISCELLANEOUS

☆ 13	1-773-164-11	WIRE (FLAT TYPE) (21 CORE)	
△ 57	1-696-847-11	CORD, POWER (AUS)	
△ 57	1-777-071-23	CORD, POWER (AEP,UK,E,SP)	
△ 57	1-783-532-11	CORD, POWER (US,CND,MX)	
61	1-769-937-11	WIRE (FLAT TYPE) (11 CORE) (EXCEPT AEP,UK)	

61	1-773-001-11	WIRE (FLAT TYPE) (15 CORE) (AEP,UK)	
62	1-693-577-22	TUNER (US,CND,E,MX)	
62	1-693-578-12	TUNER (UK)	
62	1-693-578-22	TUNER (AEP)	
62	1-693-580-22	TUNER (SP,AUS)	

65	1-575-662-31	WIRE (FLAT TYPE) (5 CORE)	
△ F901	1-532-464-31	FUSE T2.5AL/250V (AEP,UK,E,SP,AUS)	
△ F901	1-576-193-11	FUSE 6.3A/125V (US,CND,MX)	
Q503	8-749-010-25	IC MN2488-OPY-M	
Q504	8-749-010-26	IC MP1620-OPY-M	

Q603	8-749-010-25	IC MN2488-OPY-M	
Q604	8-749-010-26	IC MP1620-OPY-M	
Q653	8-749-010-25	IC MN2488-OPY-M	
Q654	8-749-010-26	IC MP1620-OPY-M	
Q703	8-749-010-25	IC MN2488-OPY-M	

Q704	8-749-010-26	IC MP1620-OPY-M	
Q753	8-749-010-25	IC MN2488-OPY-M	
Q754	8-749-010-26	IC MP1620-OPY-M	
△ T901	1-437-998-11	POWER TRANSFORMER (US,MX)	
△ T901	1-439-607-11	POWER TRANSFORMER (CND)	

△ T901	1-437-999-11	POWER TRANSFORMER (AEP,UK)	
△ T901	1-439-547-11	POWER TRANSFORMER (SP,AUS)	
△ T901	1-439-548-11	POWER TRANSFORMER (E)	

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MEMO

