

TA-H2600

SERVICE MANUAL

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



This set is the Amplifier section in MHC-2600 and FH-E737CD.

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS (US model)

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 6 ohm loads both channels driven, from 70 – 20000 Hz; rated 30 watts per channel minimum RMS power, with no more than 1% total harmonic distortion from 250 milliwatts to rated output.

Continuous RMS power output

30 + 30 watts (6 ohms at 1 kHz, DIN)

35 + 35 watts (6 ohms at 1 kHz, 5% THD)

Music power output

55 + 55 watts (6 ohms at 1 kHz, 10% THD)

Peak music power output (E, Saudi Arabia model)

330 watts

Inputs

MIX MIC (minijack):
sensitivity 1 mV,
impedance 600 ohms
ADAPTOR (pin jacks)
(E, Saudi Arabia model)
sensitivity 300 mV,
impedance 47 kilohms

Outputs

HEADPHONES
(stereo minijack):
accepts headphones of
8 ohms or more.
ADAPTOR (pin jacks)
(E, Saudi Arabia model)
output level 300 mV
impedance 10 kilohms

Design and specifications subject to change without notice.

STEREO AMPLIFIER
SONY[®]



SAFETY CHECK-OUT

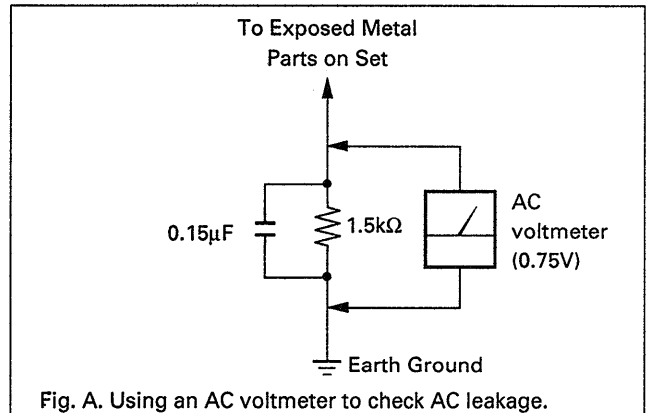
After correcting the original service problem, perform the following safety check before releasing the set to the customer: Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

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 0.5mA (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 0.75V, 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)



SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK Δ OR DOTTED LINE WITH MARK Δ 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 Δ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER SES 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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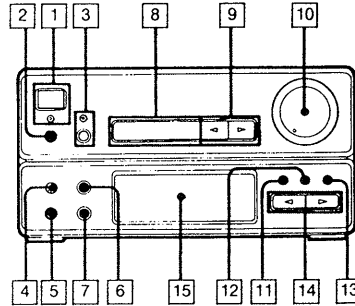
SECTION 1

GENERAL

LOCATION OF CONTROLS

This section is extracted from instruction manual.

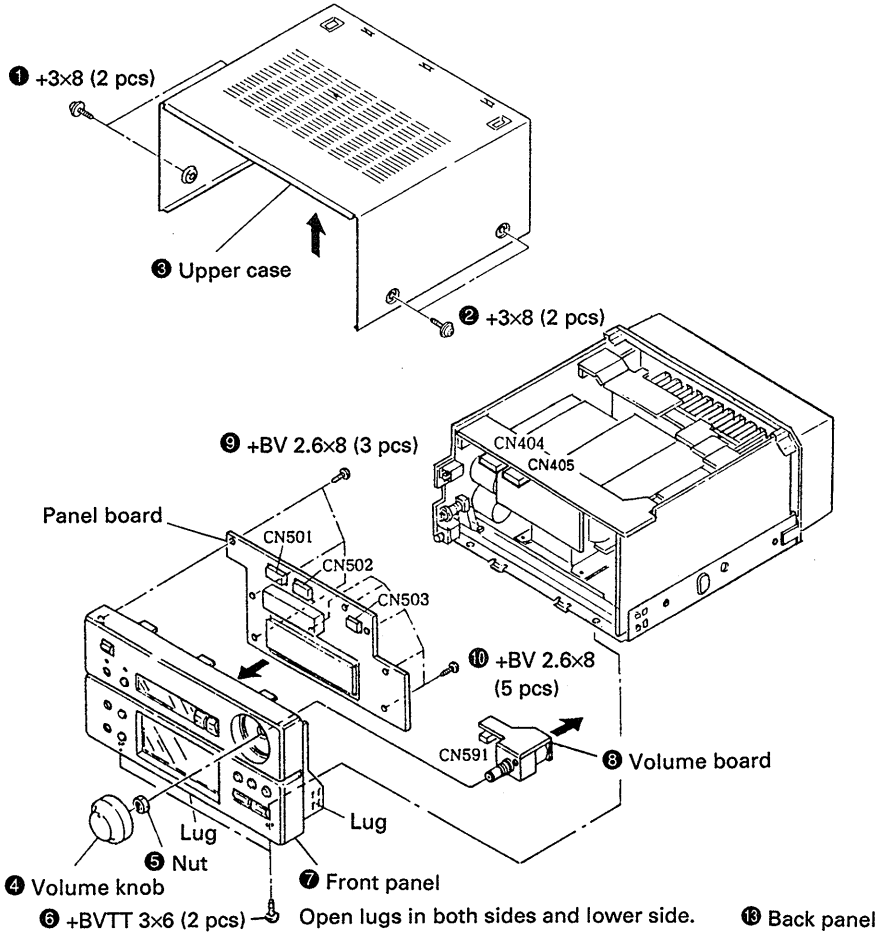
- 1 SYSTEM POWER switch and STANDBY indicator
The indicator remains lit as long as the AC power cord is connected to a wall outlet.
- 2 HEADPHONES jack (stereo minijack)
- 3 WAKE UP button and indicator
- 4 MIC (microphone) LEVEL control
- 5 MIX MIC (microphone) input jack
- 6 DISPLAY button
- 7 DIRECT button
- 8 Function indication display
- 9 FUNCTION <> buttons
- 10 VOLUME control
- 11 EQ (equalizer) button and indicator
- 12 S-SUR (simulated surround) button and indicator
- 13 DBFB (Dynamic Bass Feedback) button and indicator
- 14 PRESET <> buttons
- 15 Display window



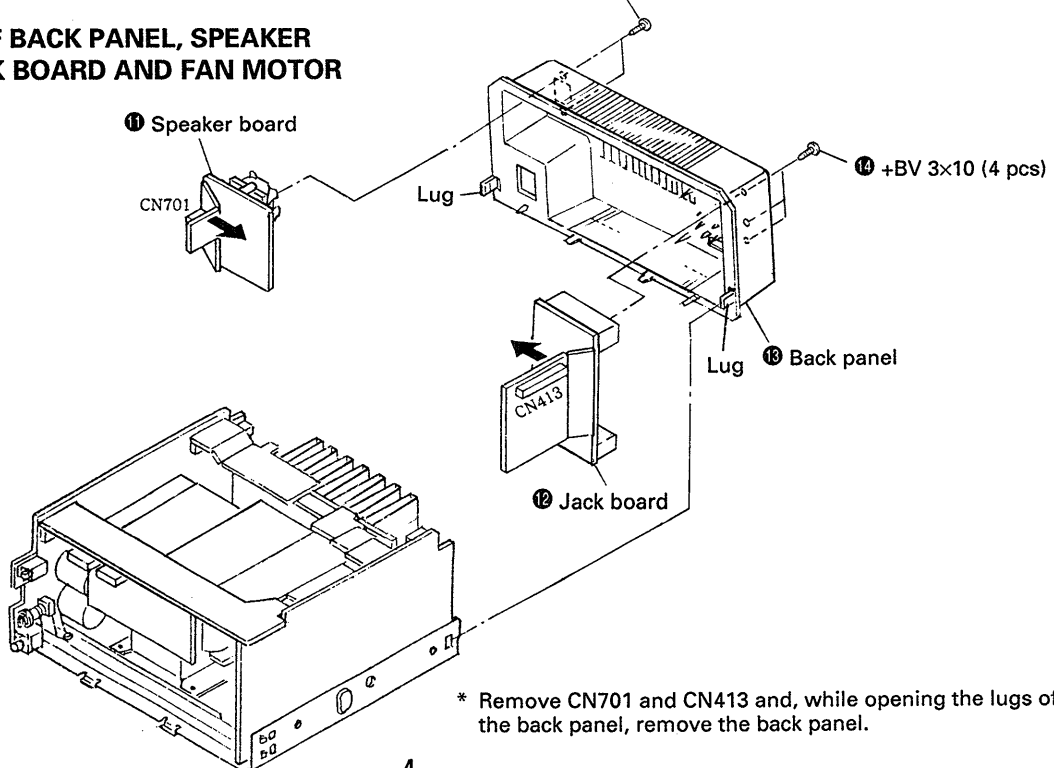
SECTION 2 DISASSEMBLY

- Remove the following parts with the numbers in that order of the numbers.

2-1. REMOVAL OF UPPER CASE, FRONT PANEL AND PANEL BOARD

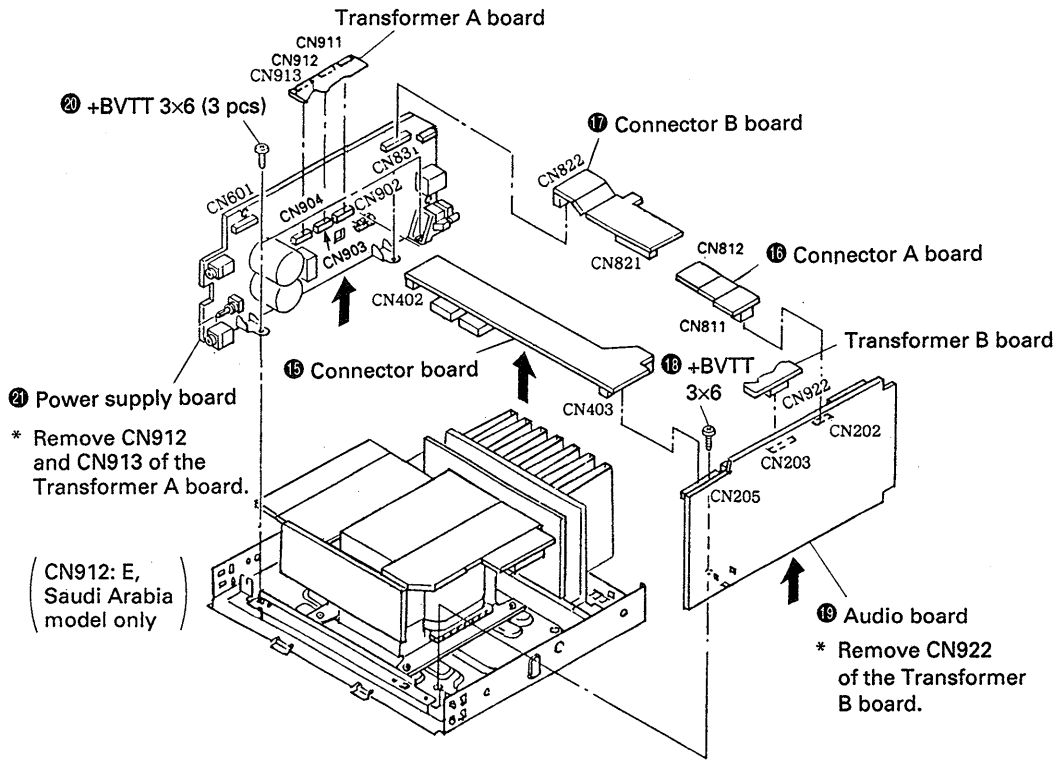


2-2. REMOVAL OF BACK PANEL, SPEAKER BOARD, JACK BOARD AND FAN MOTOR

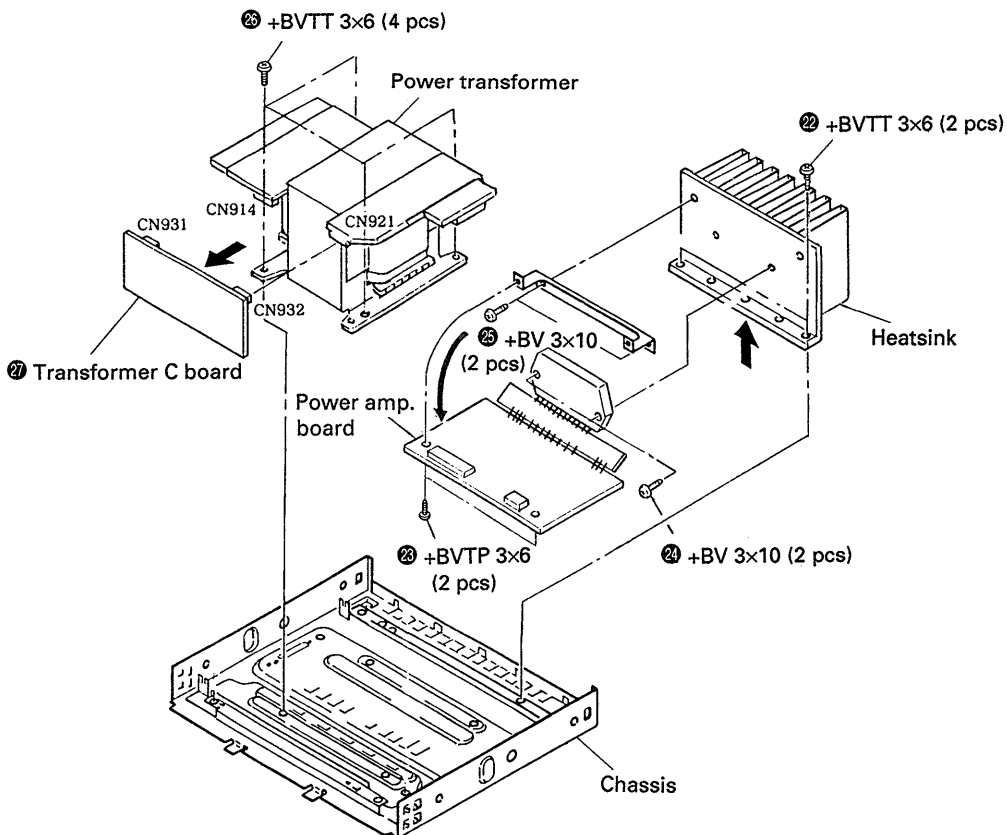


* Remove CN701 and CN413 and, while opening the lugs of the back panel, remove the back panel.

2-3. REMOVAL OF AUDIO BOARD, POWER SUPPLY BOARD, CONNECTOR BOARD AND TRANSFORMER BOARD

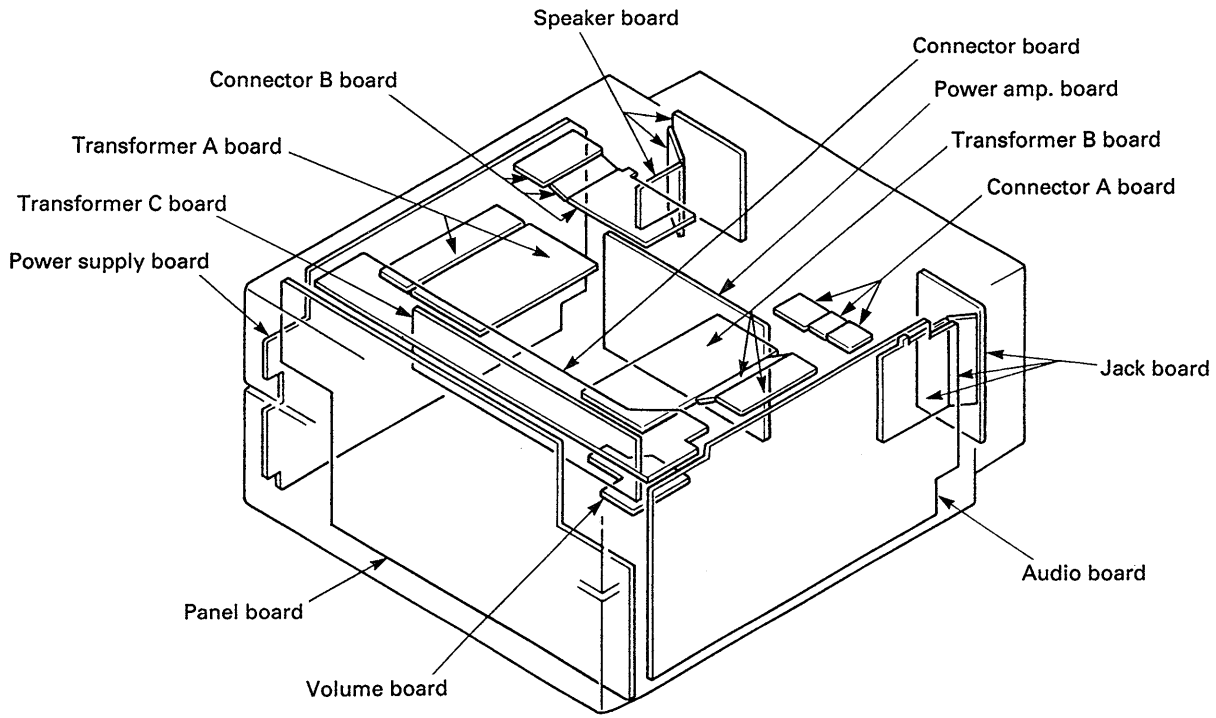


2-4. REMOVAL OF POWER TRANSFORMER, POWER AMP. BOARD, TRANSFORMER C BOARD AND HEATSINK



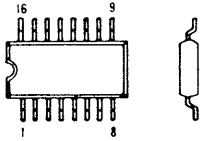
SECTION 3 DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION

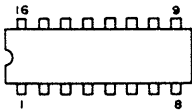


3-2. SEMICONDUCTOR LEAD LAYOUTS

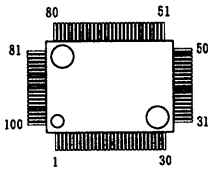
**CD4052BCM
HD14053BFP**



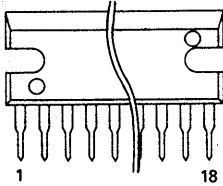
XR1091DCP



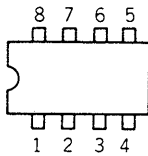
CXA1492Q



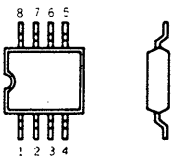
LA5603



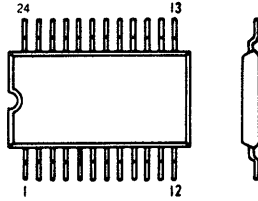
**LB1639
X24C01P**



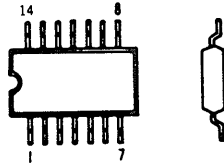
M5218AFP



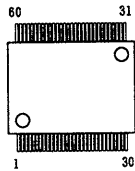
M66311FP



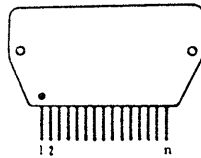
SN74HC04ANS



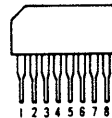
SN755703



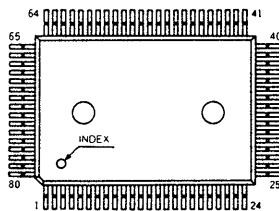
**STK4142MK2
STK4152MK2**



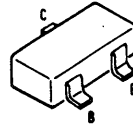
μPC1237HA



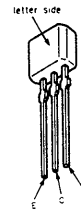
μPD78134-D29-3B9



**2SA1162-G
2SA1342
2SC3052-EF
2SC3396
2SC3624-L18**



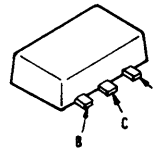
2SA1175-HFE



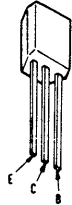
2SC1841-PAFAEA



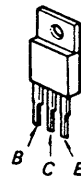
**2SB1121-ST
2SD1622-S**



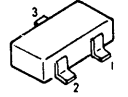
2SC2603-EF



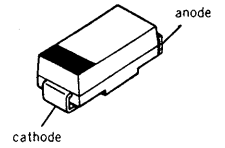
2SD2012



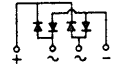
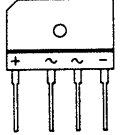
DCA010



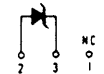
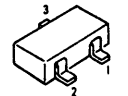
EC10DS2



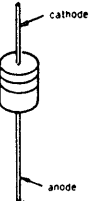
RBA-402



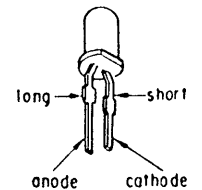
**RD13M-B1
RD5.1M-B2
RD30M-B
RD36M-B**



1SS120



SEL2210S-CD



● SEMICONDUCTOR LOCATION

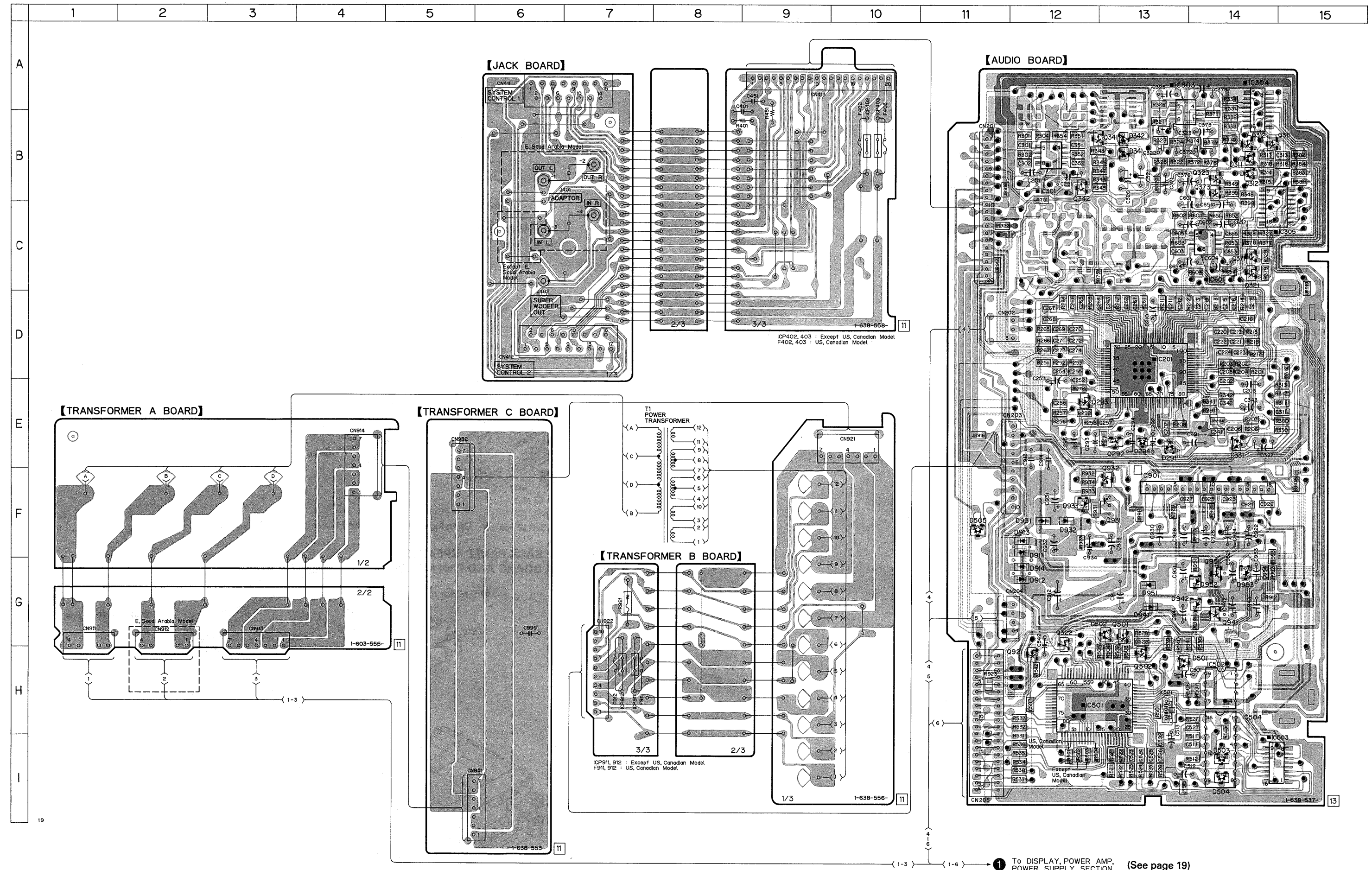
• MAIN BOARD

Ref. No	Location	Ref. No	Location
D291	E-13	Q312	B-14
D294	E-13	Q321	C-14
D311	B-14	Q322	G-12
D312	B-14	Q323	B-14
D331	E-14	Q341	B-13
D341	B-13	Q342	B-12
D342	B-13	Q371	C-14
D501	H-14	Q373	B-14
D502	G-13	Q501	G-13
D503	I-14	Q502	H-13
D504	I-14	Q921	H-12
D505	F-11	Q931	F-13
D911	F-12	Q932	F-13
D912	G-12	Q941	G-14
D913	F-12	Q951	G-14
D914	G-12		
D931	F-12		
D932	F-12		
D933	F-12		
D941	G-13		
D942	G-13		
D951	G-13		
D952	G-14		
D953	G-14		
IC201	D-13		
IC301	B-12		
IC303	A-13		
IC304	A-14		
IC305	C-15		
IC501	H-12		
IC502	I-14		
IC503	H-14		
IC601	C-14		
IC901	F-13		
Q292	E-13		
Q293	E-12		
Q311	B-15		

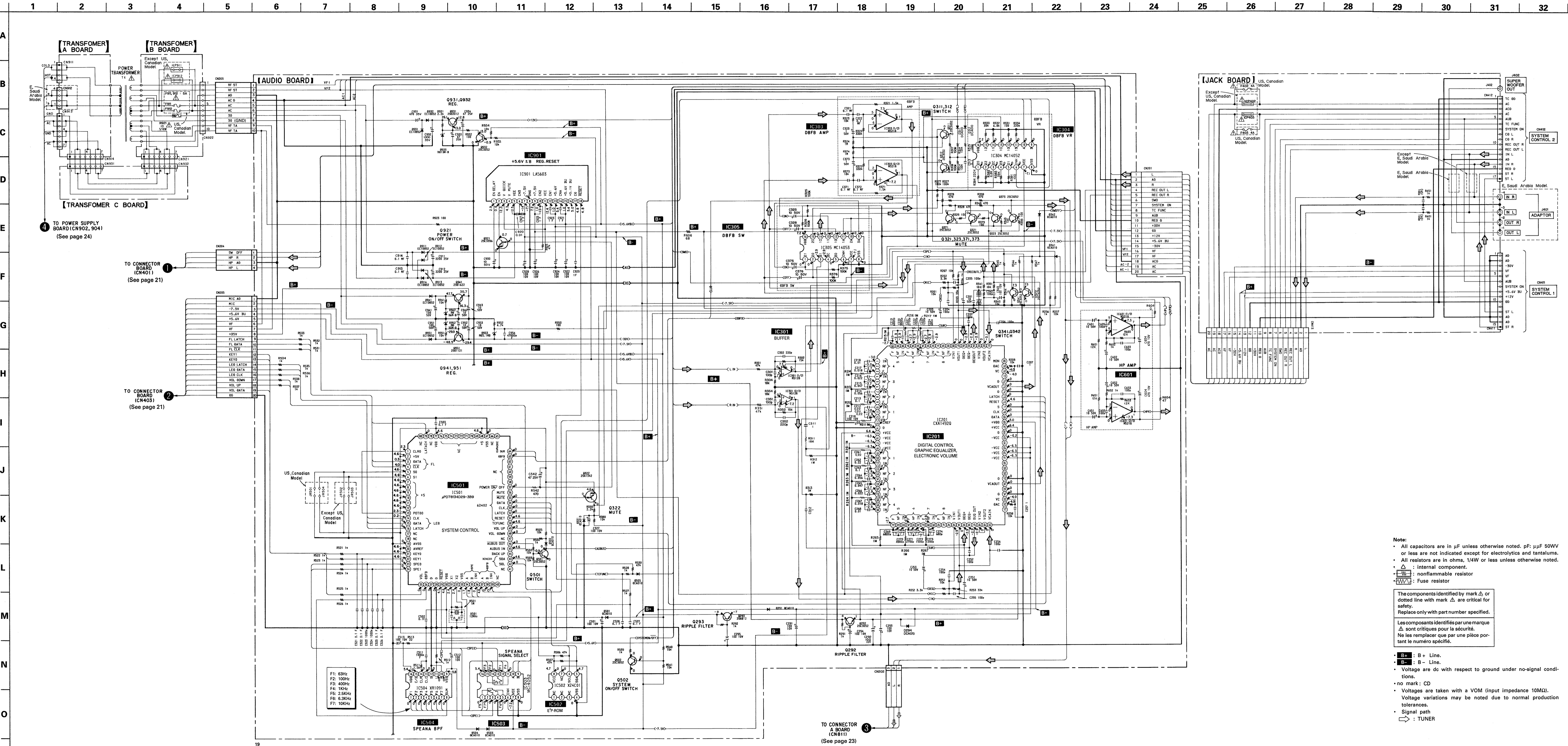
Note:

- — : indicated a lead wire mounted on the component side
- : parts mounted on the conductor side.
- : Through hole.
- ▨ : Pattern from the side which enables seeing.
- ▩ : Pattern of the rear side.

3-3. PRINTED WIRING BOARDS — MAIN SECTION —



① To DISPLAY, POWER AMP, POWER SUPPLY SECTION (See page 19)



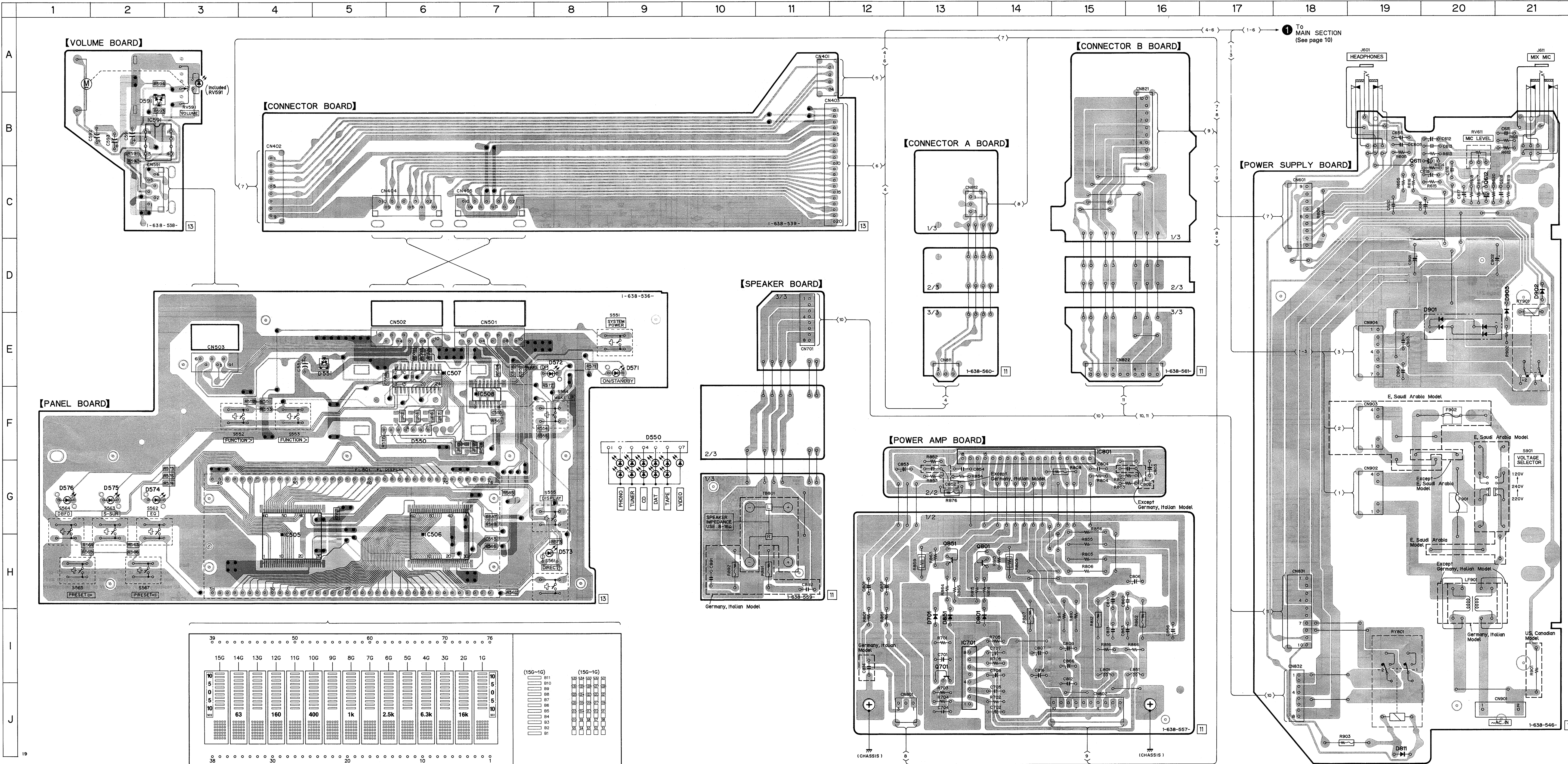
Note:

- All capacitors are in μF unless otherwise noted. pF : μF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in ohms, 1/4W or less unless otherwise noted.
- Δ : internal component.
- \square : nonflammable resistor
- \square : Fuse resistor

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.

- $B+$: B+ Line.
- $B-$: B- Line.
- Voltage are dc with respect to ground under no-signal conditions.
- no mark: CD
- Voltagés are taken with a VOM (input impedance 10M Ω). Voltage variations may be noted due to normal production tolerances.
- Signal path
- \square : TUNER



● SEMICONDUCTOR LOCATION

● PANEL/POWER AMP/POWER SUPPLY BOARD

Ref. No	Location	Ref. No	Location
D550	F-6	IC505	H-4
D551	E-5	IC506	H-6
D571	E-9	IC507	E-6
D572	E-8	IC508	F-7
D573	H-8	IC591	B-2
D574	G-2	IC701	I-13
D575	G-2	IC801	F-15
D576	G-1		
D591	B-2	Q611	B-19
D701	I-13	Q612	C-20
		Q701	I-13
D801	I-13	Q801	H-14
D811	J-19	Q851	H-13
D851	I-13		
D901	E-20		
D902	D-21		
D903	D-21		

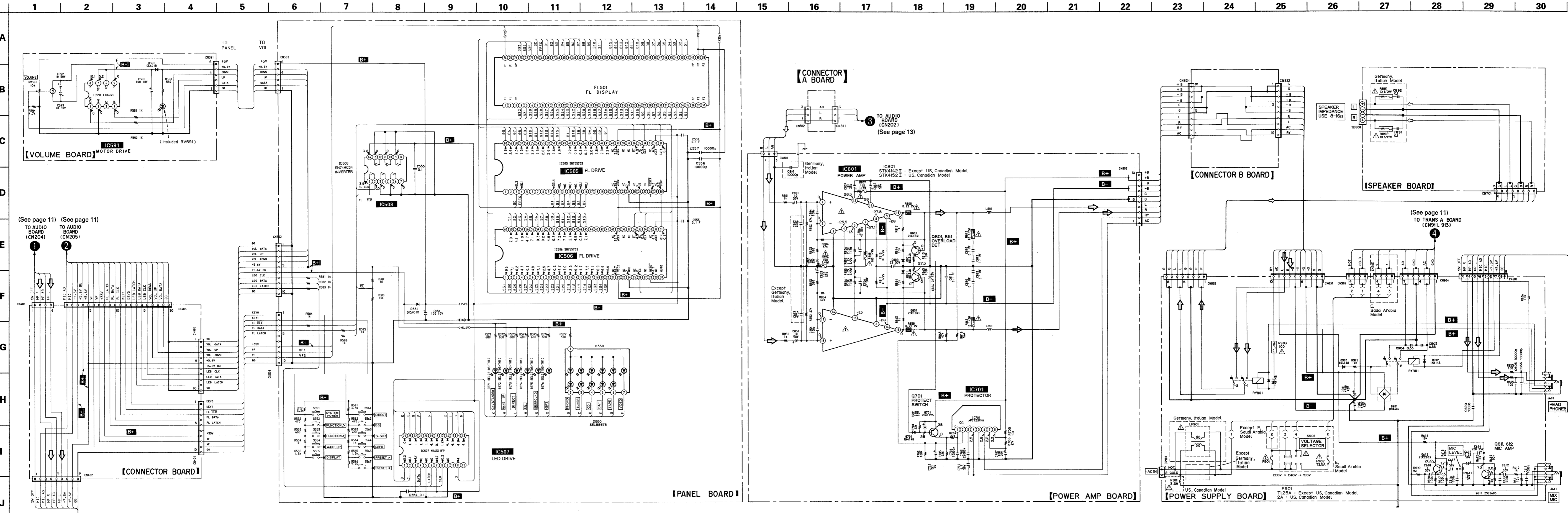
- Note:
- : indicated a lead wire mounted on the component side.
 - : parts mounted on the conductor side.
 - : Through hole.
 - : Pattern from the rear side which enables seeing.
 - ▨ : Pattern of the rear side.

- Note:
- All capacitors are in μF unless otherwise noted. pF: μF 50WV or less are not indicated except for electrolytics and tantalums.
 - All resistors are in ohms, 1/4W or less unless otherwise noted.
 - ▨ : nonflammable resistor
 - ▨ : Fuse resistor

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

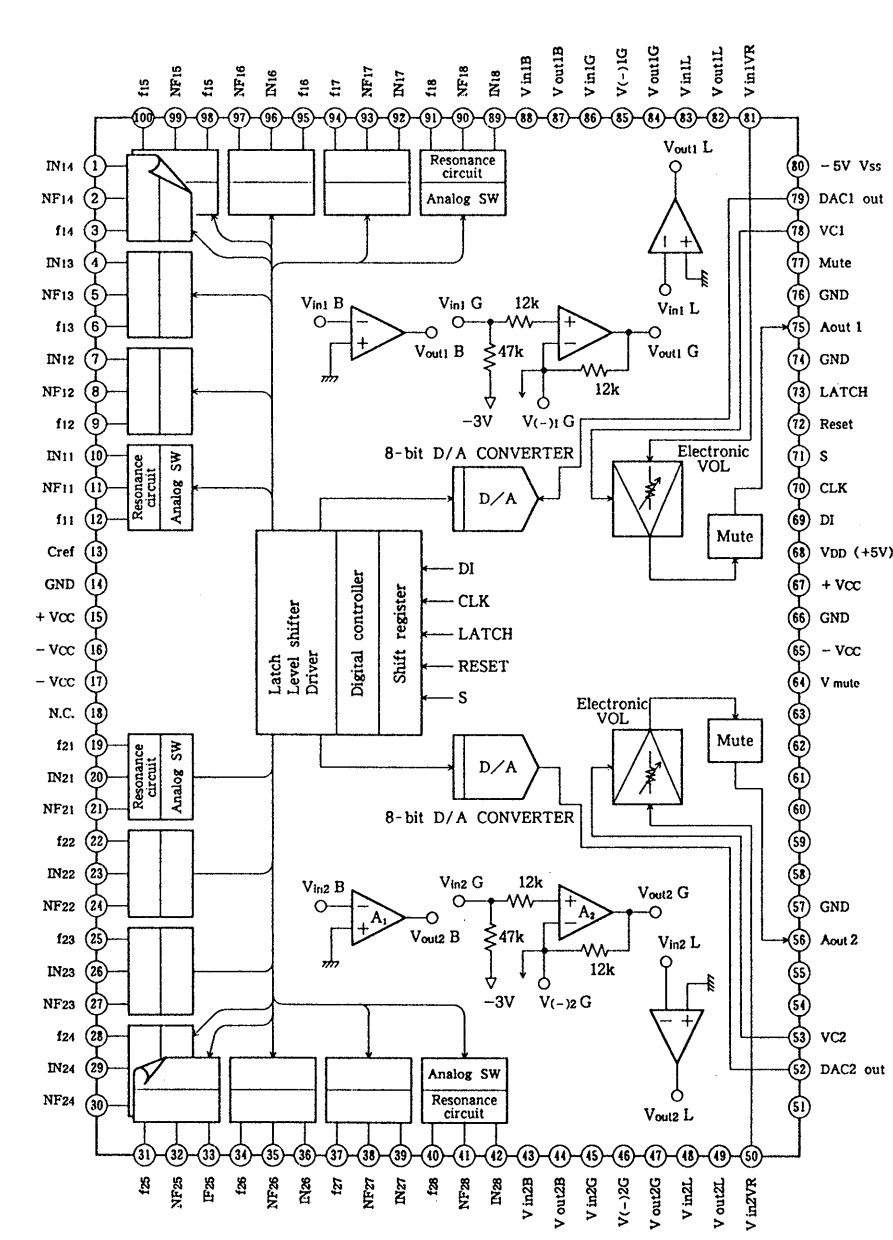
Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- ▨ : B+ Line.
- ▨ : B- Line.
- Voltage are dc with respect to ground under no-signal conditions.
- no mark: CD
- Voltagés are taken with a VOM (input impedance 10M Ω). Voltage variations may be noted due to normal production tolerances.
- Signal path
- : TUNER

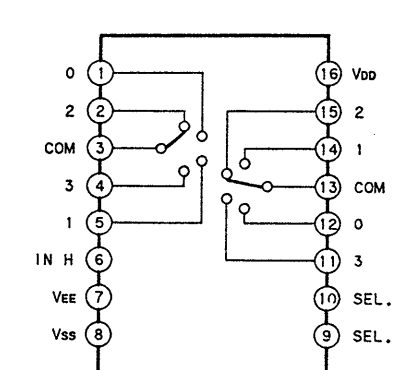


3-7. IC BLOCK DIAGRAMS

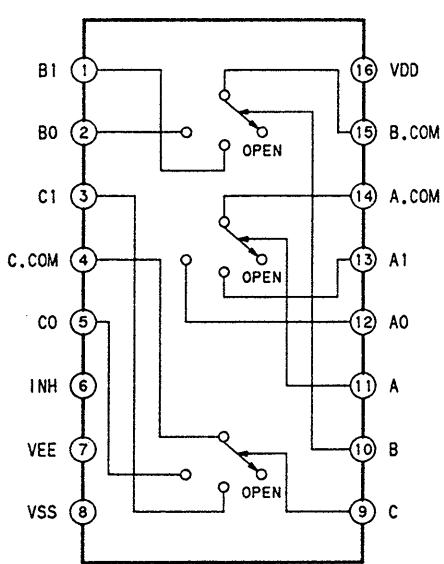
IC201 CXA1492Q



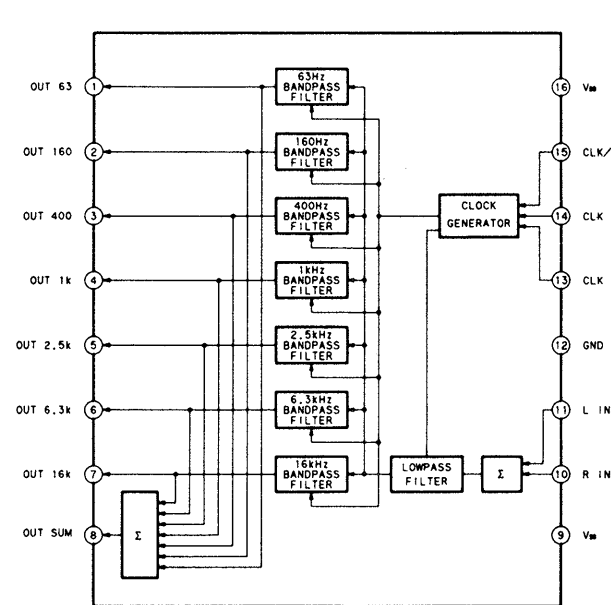
IC304, 503 MC14052BF



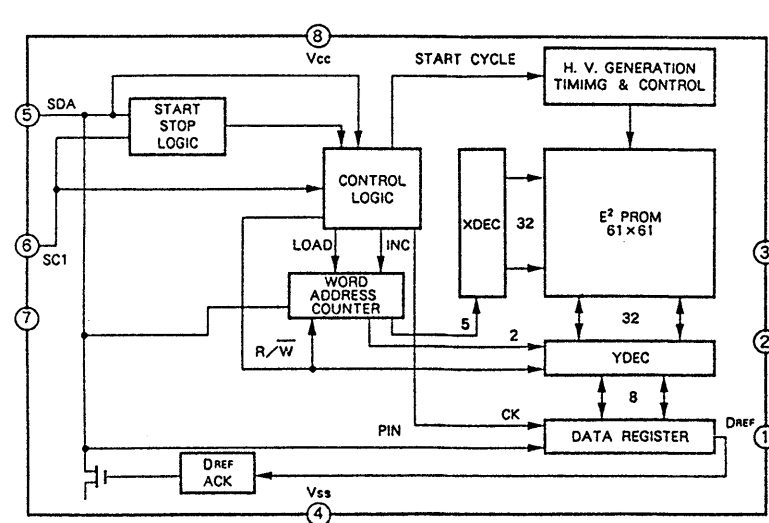
IC305 HD14053BFP



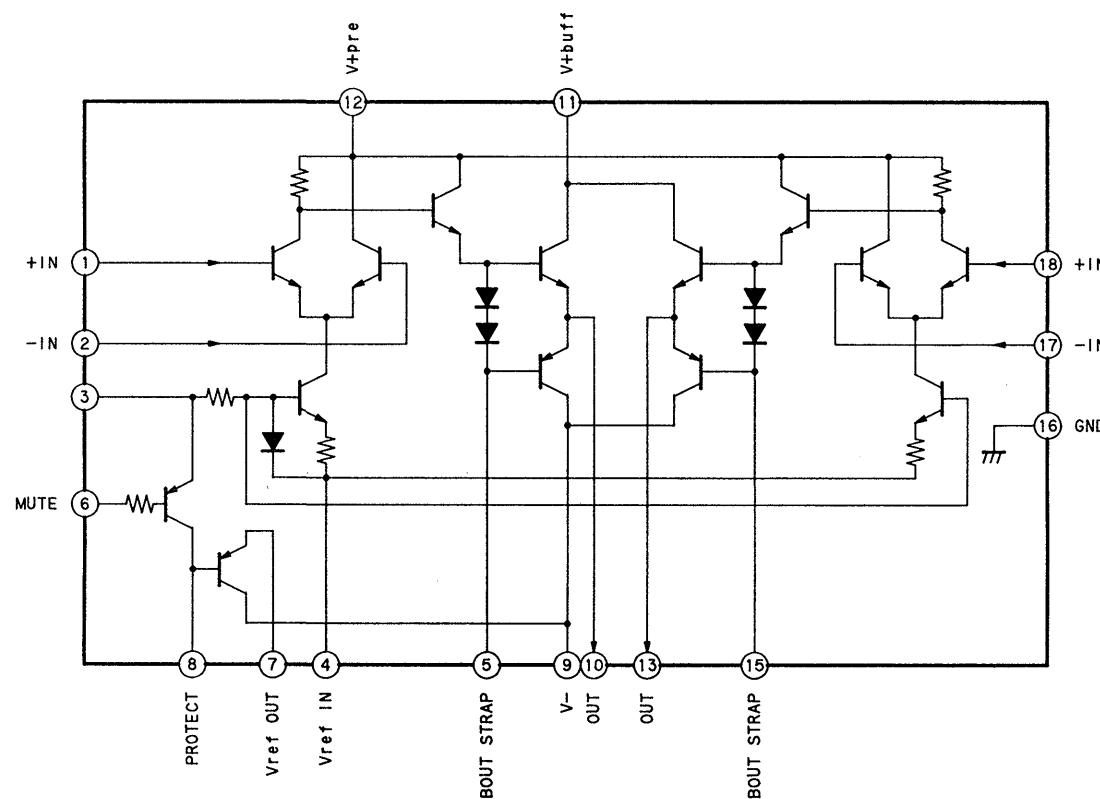
IC504 XR1091DCP



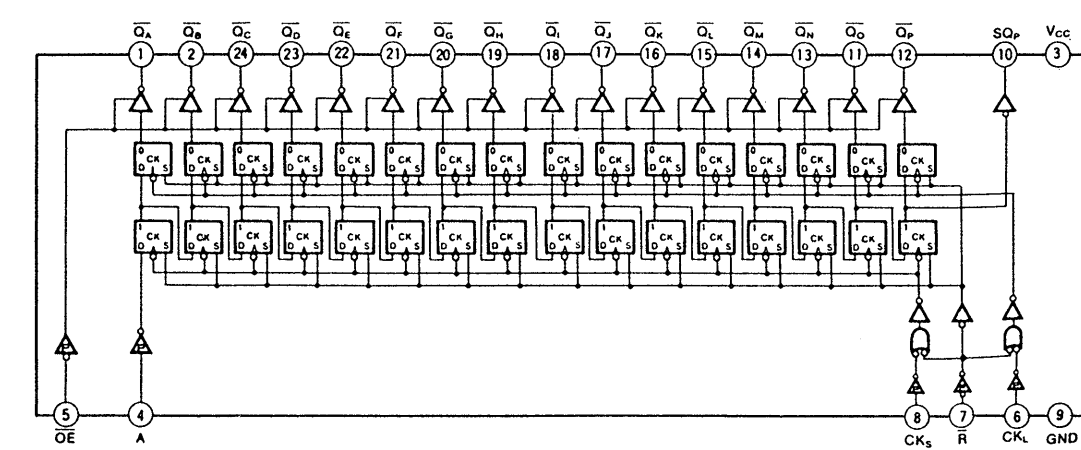
IC502 X24C01P



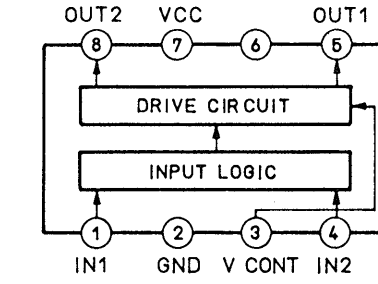
IC801 STK4142II
STK4152II



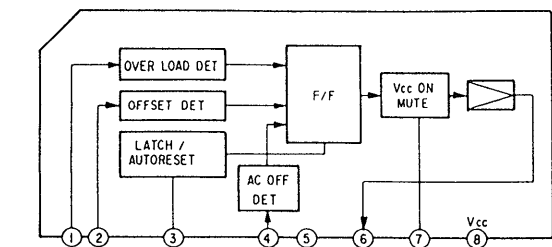
IC507 M66311FP



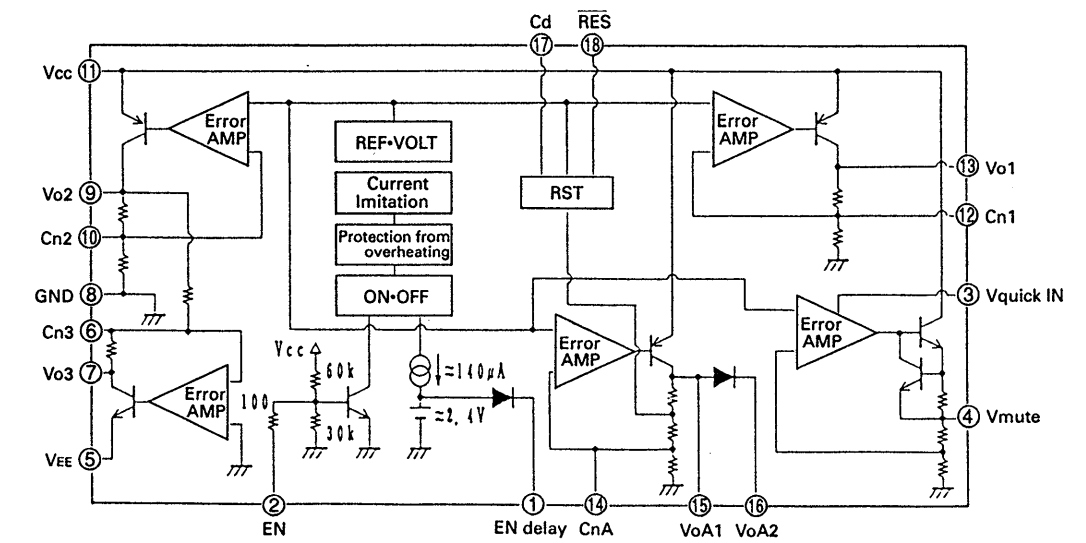
IC591 LB1639



IC701 µPC1237HA



IC901 LA5603



3-8. PIN FUNCTIONS OF IC501 (μ PD 78134-D29-3B9)

According to keying in or remote control signal, it sets the Graphic equalizer electronic volume (IC201), DBFB, surround etc. and switches the LED and FL tube display and functions in the deck.

Pin No.	Pin name	I/O	Description	
1	CLR	I	Timer pulse input	
2	+ 5V	I	Not in use with the equipment (+5V)	
3	DATA	O	Serial data output to the FL tube driver (IC505, 506)	
4	CLK	O	Data transfer clock output to the FL tube driver (IC505, 506)	
5	S0	I	Input port for model selection. Connected to +5V(except US and Canadian model) or GND(US or Canadian model) with the equipment.	
6	S1	I	Input port for model selection. Connected to +5V(US or Canadian model) or GND(except US and Canadian model) with the equipment.	
7-12	-	I	Not in use with the equipment (+5V)	
13	POT00	O	Timer pulse output (about 400 μ Sec)	
14	CLK	O	Data transfer clock output to the LED driver (IC507)	
15	DATA	O	Serial data output to LED driver (IC507)	
16	LATCH	O	Data latch output to the LED driver (IC507)	
17-18	PWM 0, PWM 1	O	Not in use with the equipment (open)	
19	AVss	-	Analog system power terminal (GND)	
20	AVref	I	Analog port reference voltage input (+5V)	
21-22	KEY 0, 1	I	Key input (Analog)*1	
23-24	SPE 0, 1	I	Spectrum analysis data input (analog)	
25	VOL	I	Volume position data input (analog)	
26	DBFB	I	DBFB data input	
27-28	-	I	Not in use with the equipment (GND)	
29	RESET	I	System reset input. "L" : reset	
30	VDD	-	Power terminal (+5V)	
31-32	X2, X1	-	Crystal connection terminal for system clock oscillation	
33	VSS	-	Power terminal (GND)	
34	A	O	Spectrum analysis data input switch A	
35	B	O	Spectrum analysis data input switch B	
36	INH	O	Spectrum analysis data input switch inhibit	
37	A	O	DBFB output switch A } *2	
38	B	O		DBFB output switch B
39	INH	O		DBFB output switch inhibit
40-41	-		Not in use with the equipment (open)	
42	SCL	O	Clock output to EEP-ROM (IC502)	
43	SDA	I/O	Data input/output (user preset memory data, etc.) with EEP-ROM (IC502)	
44	-	O	Not in use with the equipment (open)	
45	AU BUS IN	I	Audio bus input	
46	AU BUS OUT	O	Audio bus output (tuner power ON/OFF and instruction to the function switch microcomputer in the deck)	
47	-	O	Not in use with the equipment (open)	
48	VOL DOWN	O	DOWN signal output of the volume motor (RV591)	
49	VOL UP	O	UP signal output of the volume motor (RV591)	
50	TC FUNC	I	Request of audio bus (FUNCTION data) from the function switch microcomputer in the deck (TC-H2600)	

Pin No.	Pin name	I/O	Description
51	RESET	O	Reset output to the Graphic equalizer electronic volume (IC201) "L" : reset
52	LATCH	O	Data latch output to the Graphic equalizer electronic volume (IC201)
53	CLK	O	Data transfer clock output to the Graphic equalizer electronic volume (IC201)
54	DATA	O	Serial data output to the Graphic equalizer electronic volume (IC201)
55	MUTE	O	Mute reverse output
56	MUTE	O	Mute output
57	POWER ON/OFF	O	Power (IC901) output control. "L" : Power ON
58-62	-	O	Not in use with the equipment (open)
63	DBFB	O	DBFB ON/OFF (IC305) controller output. "H" : ON, "L" : OFF
64	SUR	O	Surround ON/OFF (IC302 1/2) controller output. "H" : surround ON
65	KARAOKE	O	Not in use with the equipment (open)
66	ASTB/CLO	O	Not in use with the equipment (open)
67	VSS	-	Power terminal (GND)
68	EA	I	Not in use with the equipment (open)
69-76	-	O	Not in use with the equipment (open)
77	VDD	-	Power terminal (+5V)
78	-	O	Not in use with the equipment (open)
79	LATCH	O	Data latch output to the FL tube driver (IC505, 506)
80	-	O	Not in use with the equipment (open)

***1 Key input (analog port)**

Voltage (V) Input port	0	0.63	1.3	2.0	2.6	3.2
Pin ① KEY 0	POWER S551	FUNCTION AUDIO S552	FUNCTION VIDEO S553	WAKE UP S554	DISPLAY S555	—
Pin ② KEY 1	DIRECT S561	EQ S562	SURROUND S563	DBFB S564	PRESET UP ▷ S565	PRESET DOWN ◁ S567

***2 DBFB level control**

Input port \ Level	OFF	1	2	3	4
Pin ③ A	-	L	H	L	H
Pin ④ B	-	L	L	H	H
Pin ⑤ INH	H	L	L	L	L

SECTION 4 EXPLODED VIEW

NOTE:

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

• **Color Indication of Appearance Parts**

Example:

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

↑ ↑
Parts color Cabinet's color

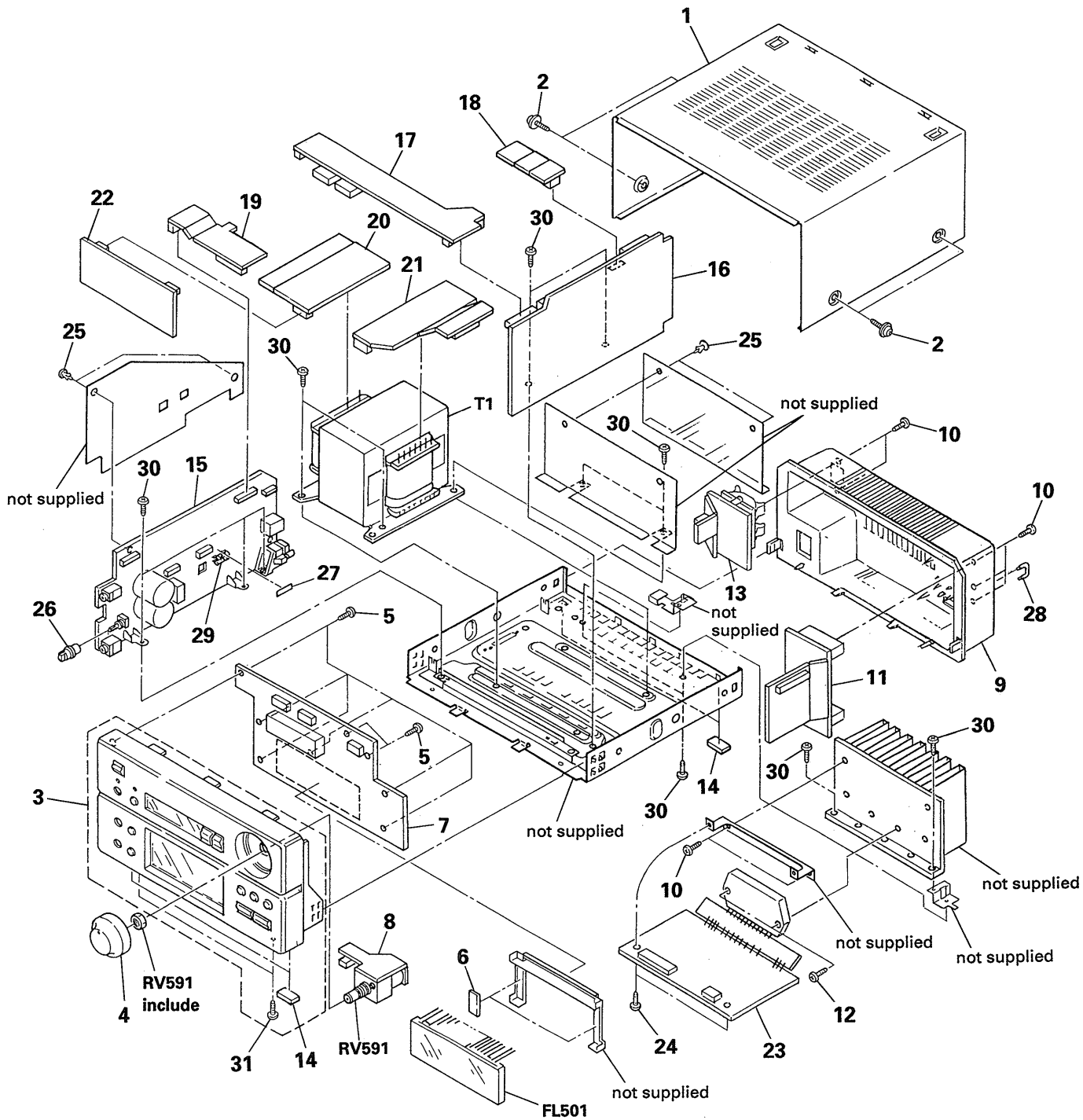
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

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

- CND : Canadian model
- G : Germany model
- IT : Italian model
- EA : Saudi Arabia 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.



Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
1	* 4-944-522-01	CASE (K211522)		16	* A-4341-582-A	AUDIO BOARD, COMPLETE (AEP, UK, AUS)	
2	3-363-099-01	SCREW (CASE +3X8 TP2)			* A-4341-578-A	AUDIO BOARD, COMPLETE (E, EA)	
3	X-4941-604-1	PANEL ASSY, FRONT (US, CND, AEP, UK, G, IT)			* A-4341-593-A	AUDIO BOARD, COMPLETE (G, IT)	
	X-4941-605-1	PANEL ASSY, FRONT (E, EA, AUS)			* A-4345-443-A	AUDIO BOARD, COMPLETE (US, CND)	
4	X-4941-532-1	KNOB (VOLUME) ASSY		17	* 1-638-539-11	CONNECTOR BOARD	
5	4-928-635-01	SCREW, +BV (2. 6X8) TAPPING		18	* 1-638-560-11	CONNECTOR (A) BOARD	
6	* 4-932-810-11	CUSHION (FL)		19	* 1-638-561-11	CONNECTOR (B) BOARD	
7	* A-4341-577-A	PANEL BOARD, COMPLETE (AEP, UK, E, EA, AUS)		20	* 1-638-555-11	TRANSFORMER (A) BOARD	
	* A-4341-581-A	PANEL BOARD, COMPLETE (G, IT)		21	* 1-638-556-11	TRANSFORMER (B) BOARD	
	* A-4345-442-A	PANEL BOARD, COMPLETE (US, CND)		22	* 1-638-553-11	TRANSFORMER (C) BOARD	
8	* 1-638-551-11	VOLUME BOARD		23	* A-4345-441-A	POWER AMP BOARD, COMPLETE (AEP, UK, AUS)	
9	* 4-943-337-21	PANEL, BACK (US, CND, AEP, UK, G, IT, AUS)			* A-4341-571-A	POWER AMP BOARD, COMPLETE (E, EA)	
	* 4-943-337-11	PANEL, BACK (E, EA)			* A-4345-438-A	POWER AMP BOARD, COMPLETE (G, IT)	
10	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S			* A-4345-763-A	POWER AMP BOARD, COMPLETE (US, CND)	
11	* 1-638-558-11	JACK BOARD		24	7-685-645-79	SCREW +BVTP 3X6 TYPE2 IT-3	
12	7-685-650-79	SCREW +BVTP 3X16 TYPE2 IT-3		25	4-812-134-11	RIVET NYLON, 3. 5	
13	* 1-638-559-11	SPEAKER BOARD		26	4-932-882-11	KNOB (HP. VOL)	
14	4-930-336-01	FOOT (FELT)		27	3-701-947-12	LABEL (T1. 25A), FUSE	
15	* A-4341-583-A	POWER SUPPLY BOARD, COMPLETE (AEP, UK, AUS)				(AEP, UK, G, IT, E, EA, AUS)	
	* A-4341-579-A	POWER SUPPLY BOARD, COMPLETE (E)			3-701-946-13	LABEL (2A 250V), FUSE (US, CND)	
	* A-4341-594-A	POWER SUPPLY BOARD, COMPLETE (G, IT)			3-701-948-18	LABEL (T2. 5A), FUSE (E, EA)	
	* A-4341-844-A	POWER SUPPLY BOARD, COMPLETE (US, CND)		28	* 1-535-706-11	PLUG, JUMPER (E, EA)	
	* A-4345-699-A	POWER SUPPLY BOARD, COMPLETE (EA)		29	* 1-533-213-31	HOLDER, FUSE	
				30	7-682-547-04	SCREW +BVTT 3X6 (S)	
				31	7-682-547-09	SCREW +BVTT 3X6 (S)	

SECTION 5

ELECTRICAL PARTS LIST

AUDIO PANEL

VOLUME CONNECTOR

NOTE:

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 name.

- 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.
- 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

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
* A-4341-577-A	PANEL BOARD, COMPLETE	(AEP, UK, E, EA, AUS)		C254	1-163-117-00	CERAMIC CHIP 100PF	5% 50V
* A-4341-581-A	PANEL BOARD, COMPLETE	(G, IT)		C255	1-163-117-00	CERAMIC CHIP 100PF	5% 50V
* A-4345-442-A	PANEL BOARD, COMPLETE	(US, CND)		C256	1-163-117-00	CERAMIC CHIP 100PF	5% 50V
*****				C257	1-164-346-11	CERAMIC CHIP 1uF	16V
* A-4341-582-A	AUDIO BOARD, COMPLETE	(AEP, UK, AUS)		C261	1-164-489-11	CERAMIC CHIP 0.22uF	10% 16V
* A-4341-578-A	AUDIO BOARD, COMPLETE	(E, EA)		C262	1-164-489-11	CERAMIC CHIP 0.22uF	10% 16V
* A-4341-593-A	AUDIO BOARD, COMPLETE	(G, IT)		C263	1-163-038-00	CERAMIC CHIP 0.1uF	25V
* A-4345-443-A	AUDIO BOARD, COMPLETE	(US, CND)		C264	1-164-343-11	CERAMIC CHIP 0.056uF	10% 25V
*****				C265	1-163-809-11	CERAMIC CHIP 0.047uF	10% 25V
* 1-638-539-11	CONNECTOR BOARD			C266	1-163-037-11	CERAMIC CHIP 0.022uF	10% 25V
*****				C267	1-163-024-00	CERAMIC CHIP 0.018uF	10% 50V
* 1-638-551-11	VOLUME BOARD			C268	1-164-232-11	CERAMIC CHIP 0.01uF	50V
*****				C269	1-163-019-00	CERAMIC CHIP 0.0068uF	10% 50V
* 4-932-810-11	CUSHION (FL)			C270	1-163-016-00	CERAMIC CHIP 0.0039uF	10% 50V
< CAPACITOR >				C271	1-163-014-00	CERAMIC CHIP 0.0027uF	10% 50V
C201	1-124-907-11	ELECT 10uF	20% 50V	C272	1-163-011-11	CERAMIC CHIP 0.0015uF	10% 50V
C202	1-163-117-00	CERAMIC CHIP 100PF	5% 50V	C273	1-163-010-11	CERAMIC CHIP 0.0012uF	10% 50V
C203	1-124-907-11	ELECT 10uF	20% 50V	C274	1-163-007-11	CERAMIC CHIP 680PF	10% 50V
C204	1-163-117-00	CERAMIC CHIP 100PF	5% 50V	C291	1-124-443-00	ELECT 100uF	20% 10V
C205	1-163-117-00	CERAMIC CHIP 100PF	5% 50V	C292	1-124-443-00	ELECT 100uF	20% 10V
C206	1-163-117-00	CERAMIC CHIP 100PF	5% 50V	C293	1-124-443-00	ELECT 100uF	20% 10V
C207	1-164-346-11	CERAMIC CHIP 1uF	16V	C294	1-124-443-00	ELECT 100uF	20% 10V
C210	1-124-443-00	ELECT 100uF	20% 10V	C295	1-124-443-00	ELECT 100uF	20% 10V
C211	1-164-489-11	CERAMIC CHIP 0.22uF	10% 16V	C301	1-163-117-00	CERAMIC CHIP 100PF	5% 50V
C212	1-164-489-11	CERAMIC CHIP 0.22uF	10% 16V	C302	1-163-125-00	CERAMIC CHIP 220PF	5% 50V
C213	1-163-038-00	CERAMIC CHIP 0.1uF	25V	C311	1-164-346-11	CERAMIC CHIP 1uF	16V
C214	1-164-343-11	CERAMIC CHIP 0.056uF	10% 25V	C312	1-164-346-11	CERAMIC CHIP 1uF	16V
C215	1-163-809-11	CERAMIC CHIP 0.047uF	10% 25V	C313	1-163-038-00	CERAMIC CHIP 0.1uF	25V
C216	1-163-037-11	CERAMIC CHIP 0.022uF	10% 25V	C321	1-136-165-00	FILM 0.1uF	5% 50V
C217	1-163-024-00	CERAMIC CHIP 0.018uF	10% 50V	C322	1-136-165-00	FILM 0.1uF	5% 50V
C218	1-164-232-11	CERAMIC CHIP 0.01uF	50V	C323	1-124-903-11	ELECT 1uF	20% 50V
C219	1-163-019-00	CERAMIC CHIP 0.0068uF	10% 50V	C325	1-124-907-11	ELECT 10uF	20% 50V
C220	1-163-016-00	CERAMIC CHIP 0.0039uF	10% 50V	C326	1-124-907-11	ELECT 10uF	20% 50V
C221	1-163-014-00	CERAMIC CHIP 0.0027uF	10% 50V	C327	1-124-443-00	ELECT 100uF	20% 10V
C222	1-163-011-11	CERAMIC CHIP 0.0015uF	10% 50V	C341	1-163-117-00	CERAMIC CHIP 100PF	5% 50V
C223	1-163-010-11	CERAMIC CHIP 0.0012uF	10% 50V	C342	1-163-117-00	CERAMIC CHIP 100PF	5% 50V
C224	1-163-007-11	CERAMIC CHIP 680PF	10% 50V	C343	1-124-443-00	ELECT 100uF	20% 10V
C251	1-124-907-11	ELECT 10uF	20% 50V	C351	1-163-117-00	CERAMIC CHIP 100PF	5% 50V
C252	1-163-117-00	CERAMIC CHIP 100PF	5% 50V	C352	1-163-125-00	CERAMIC CHIP 220PF	5% 50V
C253	1-124-907-11	ELECT 10uF	20% 50V	C371	1-136-165-00	FILM 0.1uF	5% 50V

AUDIO	PANEL	VOLUME	CONNECTOR
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Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
C372	1-136-165-00	FILM	0.1uF 5% 50V	C929	1-164-346-11	CERAMIC CHIP	1uF 16V
C373	1-124-903-11	ELECT	1uF 20% 50V	C930	1-124-907-11	ELECT	10uF 20% 50V
C375	1-124-907-11	ELECT	10uF 20% 50V	C931	1-126-104-11	ELECT	470uF 20% 35V
C376	1-124-907-11	ELECT	10uF 20% 50V	C932	1-126-105-11	ELECT	1000uF 20% 35V
C501	1-124-443-00	ELECT	100uF 20% 10V	C933	1-124-477-11	ELECT	47uF 20% 25V
C502	1-163-038-00	CERAMIC CHIP	0.1uF 25V	C934	1-124-477-11	ELECT	47uF 20% 25V
C503	1-163-038-00	CERAMIC CHIP	0.1uF 25V	C941	1-124-122-11	ELECT	100uF 20% 50V
C511	1-163-009-11	CERAMIC CHIP	0.001uF 10% 50V	C942	1-124-907-11	ELECT	10uF 20% 50V
C512	1-124-443-00	ELECT	100uF 20% 10V	C943	1-124-907-11	ELECT	10uF 20% 50V
C513	1-124-443-00	ELECT	100uF 20% 10V	C951	1-124-122-11	ELECT	100uF 20% 50V
C521	1-163-038-00	CERAMIC CHIP	0.1uF 25V	C952	1-124-907-11	ELECT	10uF 20% 50V
C522	1-163-038-00	CERAMIC CHIP	0.1uF 25V	C953	1-124-907-11	ELECT	10uF 20% 50V
C523	1-162-294-31	CERAMIC CHIP	0.001uF 10% 50V	C954	1-163-035-00	CERAMIC CHIP	0.047uF 50V
C524	1-162-294-31	CERAMIC CHIP	0.001uF 10% 50V	(CONNECTOR)			
C525	1-163-038-00	CERAMIC CHIP	0.1uF 25V	CN201	* 1-566-154-11	CONNECTOR, BOARD TO BOARD	20P
C526	1-163-038-00	CERAMIC CHIP	0.1uF 25V	CN202	* 1-569-499-11	PIN, CONNECTOR	3P
C527	1-163-038-00	CERAMIC CHIP	0.1uF 25V	CN203	* 1-569-505-11	PIN, CONNECTOR	10P
C528	1-164-004-11	CERAMIC CHIP	0.1uF 25V	CN204	* 1-569-396-11	PIN, CONNECTOR	4P
C542	1-124-477-11	ELECT	47uF 20% 25V	CN205	* 1-580-051-11	SOCKET, CONNECTOR	20P
C551	1-124-443-00	ELECT	100uF 20% 10V	CN401	* 1-569-397-11	SOCKET, CONNECTOR	4P
C552	1-164-004-11	CERAMIC CHIP	0.1uF 10% 25V	CN402	* 1-569-495-11	SOCKET, CONNECTOR	9P
C553	1-164-004-11	CERAMIC CHIP	0.1uF 10% 25V	CN403	* 1-580-050-11	PIN, CONNECTOR	20P
C554	1-164-004-11	CERAMIC CHIP	0.1uF 10% 25V	CN404	1-568-321-11	SOCKET, CONNECTOR	10P
C555	1-164-004-11	CERAMIC CHIP	0.1uF 10% 25V	CN405	1-568-321-11	SOCKET, CONNECTOR	10P
C556	1-164-232-11	CERAMIC CHIP	0.01uF 50V	CN501	* 1-568-322-11	PLUG, CONNECTOR	10P
C557	1-164-232-11	CERAMIC CHIP	0.01uF 50V	CN502	* 1-568-322-11	PLUG, CONNECTOR	10P
C591	1-124-443-00	ELECT	100uF 20% 10V	CN503	* 1-568-318-11	PLUG, CONNECTOR	6P
C592	1-124-907-11	ELECT	10uF 20% 50V	CN591	1-568-317-11	SOCKET, CONNECTOR	6P
C593	1-124-907-11	ELECT	10uF 20% 50V	(DIODE)			
C601	1-124-907-11	ELECT	10uF 20% 50V	D291	8-719-990-36	DIODE	DCA010
C602	1-124-907-11	ELECT	10uF 20% 50V	D294	8-719-990-36	DIODE	DCA010
C603	1-163-117-00	CERAMIC CHIP	100PF 5% 50V	D311	8-719-990-36	DIODE	DCA010
C604	1-124-472-11	ELECT	470uF 20% 10V	D312	8-719-990-36	DIODE	DCA010
C605	1-163-117-00	CERAMIC CHIP	100PF 5% 50V	D331	8-719-990-36	DIODE	DCA010
C651	1-124-907-11	ELECT	10uF 20% 50V	D341	8-719-990-36	DIODE	DCA010
C652	1-124-907-11	ELECT	10uF 20% 50V	D342	8-719-990-36	DIODE	DCA010
C653	1-163-117-00	CERAMIC CHIP	100PF 5% 50V	D501	8-719-990-36	DIODE	DCA010
C654	1-124-472-11	ELECT	470uF 20% 10V	D502	8-719-990-36	DIODE	DCA010
C655	1-163-117-00	CERAMIC CHIP	100PF 5% 50V	D503	8-719-990-36	DIODE	DCA010
C911	1-124-563-11	ELECT	2200uF 20% 25V	D504	8-719-990-36	DIODE	DCA010
C912	1-124-563-11	ELECT	2200uF 20% 25V	D505	8-719-990-36	DIODE	DCA010
C913	1-136-165-00	FILM	0.1uF 5% 50V	D550	8-719-313-71	DIODE	SEL8867B
C914	1-136-165-00	FILM	0.1uF 5% 50V	D551	8-719-990-36	DIODE	DCA010
C920	1-164-232-11	CERAMIC CHIP	0.01uF 50V	D571	8-719-301-37	DIODE	SEL2210S-CD
C921	1-164-346-11	CERAMIC CHIP	1uF 16V	D572	8-719-301-37	DIODE	SEL2210S-CD
C922	1-124-443-00	ELECT	100uF 20% 10V	D573	8-719-301-37	DIODE	SEL2210S-CD
C923	1-164-346-11	CERAMIC CHIP	1uF 16V	D574	8-719-301-37	DIODE	SEL2210S-CD
C924	1-124-443-00	ELECT	100uF 20% 10V	D575	8-719-301-37	DIODE	SEL2210S-CD
C925	1-164-346-11	CERAMIC CHIP	1uF 16V	D576	8-719-301-37	DIODE	SEL2210S-CD
C926	1-124-443-00	ELECT	100uF 20% 10V	D591	8-719-990-36	DIODE	DCA010
C927	1-164-346-11	CERAMIC CHIP	1uF 16V				
C928	1-124-443-00	ELECT	100uF 20% 10V				

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

AUDIO	PANEL	VOLUME	CONNECTOR
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Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
D911	8-719-210-33	DIODE EC10DS2		JR915	1-216-295-00	METAL CHIP 0 5% 1/10W	
D912	8-719-210-33	DIODE EC10DS2		JR916	1-216-295-00	METAL CHIP 0 5% 1/10W	
D913	8-719-210-33	DIODE EC10DS2		JR917	1-216-295-00	METAL CHIP 0 5% 1/10W	
D914	8-719-210-33	DIODE EC10DS2		JR918	1-216-295-00	METAL CHIP 0 5% 1/10W	
D931	8-719-210-33	DIODE EC10DS2		JR919	1-216-295-00	METAL CHIP 0 5% 1/10W	
D932	8-719-210-33	DIODE EC10DS2		JR920	1-216-296-00	METAL CHIP 0 5% 1/8W	
D933	8-719-106-79	DIODE RD13M-B1		JR922	1-216-295-00	METAL CHIP 0 5% 1/10W	
D941	8-719-210-33	DIODE EC10DS2		JR923	1-216-295-00	METAL CHIP 0 5% 1/10W	
D942	8-719-118-15	DIODE RD36M-B				< TRANSISTOR >	
D951	8-719-210-33	DIODE EC10DS2					
D952	8-719-118-09	DIODE RD30M-B		Q292	8-729-620-06	TRANSISTOR 2SC3052-EF	
D953	8-719-105-82	DIODE RD5.1M-B2		Q293	8-729-216-22	TRANSISTOR 2SA1162-G	
		< INDICATOR >		Q311	8-729-620-06	TRANSISTOR 2SC3052-EF	
FL501	1-519-649-11	INDICATOR TUBE, FLUORESCENT		Q312	8-729-620-06	TRANSISTOR 2SC3052-EF	
		< IC >		Q321	8-729-107-43	TRANSISTOR 2SC3624-L18	
IC201	8-759-636-57	IC CXA1492Q		Q322	8-729-805-67	TRANSISTOR 2SA1342	
IC301	8-759-636-55	IC M5218AFP		Q323	8-729-620-06	TRANSISTOR 2SC3052-EF	
IC303	8-759-636-55	IC M5218AFP		Q341	8-729-620-06	TRANSISTOR 2SC3052-EF	
IC304	8-759-516-41	IC CD4052BCM		Q342	8-729-620-06	TRANSISTOR 2SC3052-EF	
IC305	8-759-300-71	IC HD14053BFP		Q371	8-729-107-43	TRANSISTOR 2SC3624-L18	
IC501	8-759-153-02	IC uPD78134-D29-3B9		Q373	8-729-620-06	TRANSISTOR 2SC3052-EF	
IC502	8-759-500-31	IC X24C01P		Q501	8-729-620-06	TRANSISTOR 2SC3052-EF	
IC503	8-759-516-41	IC CD4052BCM		Q502	8-729-620-06	TRANSISTOR 2SC3052-EF	
IC504	8-759-991-11	IC XR1091DCP		Q921	8-729-805-43	TRANSISTOR 2SC3396	
IC505	8-759-512-44	IC SN755703		Q931	8-729-209-15	TRANSISTOR 2SD2012	
IC506	8-759-512-44	IC SN755703		Q932	8-729-620-06	TRANSISTOR 2SC3052-EF	
IC507	8-759-636-56	IC M66311FP		Q941	8-729-808-01	TRANSISTOR 2SD1622-S	
IC508	8-759-925-74	IC SN74HC04ANS		Q951	8-729-820-86	TRANSISTOR 2SB1121-ST	
IC591	8-759-820-62	IC LB1639				< RESISTOR >	
IC601	8-759-636-55	IC M5218AFP		R201	1-216-073-00	METAL CHIP 10K 5% 1/10W	
IC901	8-759-823-46	IC LA5603		R202	1-216-061-00	METAL CHIP 3.3K 5% 1/10W	
		< CHIP JUMPER >		R203	1-216-085-00	METAL CHIP 33K 5% 1/10W	
JR2	1-216-295-00	METAL CHIP 0 5% 1/10W		R206	1-216-049-00	METAL CHIP 1K 5% 1/10W	
JR4	1-216-295-00	METAL CHIP 0 5% 1/10W		R207	1-216-073-00	METAL CHIP 10K 5% 1/10W	
JR6	1-216-295-00	METAL CHIP 0 5% 1/10W		R208	1-216-073-00	METAL CHIP 10K 5% 1/10W	
JR7	1-216-295-00	METAL CHIP 0 5% 1/10W		R211	1-216-121-00	METAL CHIP 1M 5% 1/10W	
JR10	1-216-295-00	METAL CHIP 0 5% 1/10W		R212	1-216-121-00	METAL CHIP 1M 5% 1/10W	
JR12	1-216-295-00	METAL CHIP 0 5% 1/10W		R213	1-216-121-00	METAL CHIP 1M 5% 1/10W	
JR204	1-216-295-00	METAL CHIP 0 5% 1/10W		R214	1-216-121-00	METAL CHIP 1M 5% 1/10W	
JR254	1-216-295-00	METAL CHIP 0 5% 1/10W		R215	1-216-121-00	METAL CHIP 1M 5% 1/10W	
JR501	1-216-295-00	METAL CHIP 0 5% 1/10W (US, CND)		R216	1-216-121-00	METAL CHIP 1M 5% 1/10W	
JR502	1-216-295-00	METAL CHIP 0 5% 1/10W (Except US, CND)		R217	1-216-121-00	METAL CHIP 1M 5% 1/10W	
JR503	1-216-295-00	METAL CHIP 0 5% 1/10W (Except US, CND)		R251	1-216-073-00	METAL CHIP 10K 5% 1/10W	
JR504	1-216-295-00	METAL CHIP 0 5% 1/10W (US, CND)		R252	1-216-061-00	METAL CHIP 3.3K 5% 1/10W	
JR701	1-216-295-00	METAL CHIP 0 5% 1/10W		R253	1-216-085-00	METAL CHIP 33K 5% 1/10W	
JR751	1-216-295-00	METAL CHIP 0 5% 1/10W		R256	1-216-049-00	METAL CHIP 1K 5% 1/10W	
JR911	1-216-295-00	METAL CHIP 0 5% 1/10W		R257	1-216-073-00	METAL CHIP 10K 5% 1/10W	
JR912	1-216-295-00	METAL CHIP 0 5% 1/10W		R258	1-216-073-00	METAL CHIP 10K 5% 1/10W	
JR913	1-216-295-00	METAL CHIP 0 5% 1/10W		R261	1-216-121-00	METAL CHIP 1M 5% 1/10W	
				R262	1-216-121-00	METAL CHIP 1M 5% 1/10W	
				R263	1-216-121-00	METAL CHIP 1M 5% 1/10W	

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

AUDIO

PANEL

VOLUME

CONNECTOR

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
R264	1-216-121-00	METAL CHIP	1M 5% 1/10W	R380	1-216-073-00	METAL CHIP	10K 5% 1/10W
R265	1-216-121-00	METAL CHIP	1M 5% 1/10W	R381	1-216-025-00	METAL CHIP	100 5% 1/10W
R266	1-216-121-00	METAL CHIP	1M 5% 1/10W	R382	1-216-069-00	METAL CHIP	6.8K 5% 1/10W
R267	1-216-121-00	METAL CHIP	1M 5% 1/10W	R383	1-216-748-11	METAL CHIP	39K 5% 1/10W
R291	1-216-049-00	METAL CHIP	1K 5% 1/10W	R384	1-216-105-00	METAL CHIP	220K 5% 1/10W
R292	1-216-049-00	METAL CHIP	1K 5% 1/10W	R391	1-216-079-00	METAL CHIP	18K 5% 1/10W
R301	1-216-089-00	METAL CHIP	47K 5% 1/10W	R398	1-216-041-00	METAL CHIP	470 5% 1/10W
R302	1-216-077-00	METAL CHIP	15K 5% 1/10W	R399	1-216-025-00	METAL CHIP	100 5% 1/10W
R304	1-216-079-00	METAL CHIP	18K 5% 1/10W	R501	1-216-121-00	METAL CHIP	1M 5% 1/10W
R311	1-216-079-00	METAL CHIP	18K 5% 1/10W	R502	1-216-073-00	METAL CHIP	10K 5% 1/10W
R312	1-216-121-00	METAL CHIP	1M 5% 1/10W	R503	1-216-073-00	METAL CHIP	10K 5% 1/10W
R313	1-216-121-00	METAL CHIP	1M 5% 1/10W	R504	1-216-049-00	METAL CHIP	1K 5% 1/10W
R314	1-216-097-00	METAL CHIP	100K 5% 1/10W	R505	1-216-073-00	METAL CHIP	10K 5% 1/10W
R315	1-216-097-00	METAL CHIP	100K 5% 1/10W	R506	1-216-089-00	METAL CHIP	47K 5% 1/10W
R316	1-216-097-00	METAL CHIP	100K 5% 1/10W	R507	1-216-089-00	METAL CHIP	47K 5% 1/10W
R317	1-216-097-00	METAL CHIP	100K 5% 1/10W	R511	1-216-053-00	METAL CHIP	1.5K 5% 1/10W
R318	1-216-097-00	METAL CHIP	100K 5% 1/10W	R512	1-216-049-00	METAL CHIP	1K 5% 1/10W
R321	1-216-053-00	METAL CHIP	1.5K 5% 1/10W	R513	1-216-009-00	METAL CHIP	22 5% 1/10W
R322	1-216-109-00	METAL CHIP	330K 5% 1/10W	R521	1-216-049-00	METAL CHIP	1K 5% 1/10W
R323	1-216-079-00	METAL CHIP	18K 5% 1/10W	R522	1-216-049-00	METAL CHIP	1K 5% 1/10W
R324	1-216-121-00	METAL CHIP	1M 5% 1/10W	R523	1-216-049-00	METAL CHIP	1K 5% 1/10W
R325	1-216-097-00	METAL CHIP	100K 5% 1/10W	R524	1-216-049-00	METAL CHIP	1K 5% 1/10W
R326	1-216-097-00	METAL CHIP	100K 5% 1/10W	R525	1-216-049-00	METAL CHIP	1K 5% 1/10W
R327	1-216-097-00	METAL CHIP	100K 5% 1/10W	R526	1-216-049-00	METAL CHIP	1K 5% 1/10W
R328	1-216-041-00	METAL CHIP	470 5% 1/10W	R527	1-216-049-00	METAL CHIP	1K 5% 1/10W
R329	1-216-025-00	METAL CHIP	100 5% 1/10W	R528	1-216-049-00	METAL CHIP	1K 5% 1/10W
R330	1-216-057-00	METAL CHIP	2.2K 5% 1/10W	R530	1-216-089-00	METAL CHIP	47K 5% 1/10W
R331	1-216-025-00	METAL CHIP	100 5% 1/10W	R531	1-216-049-00	METAL CHIP	1K 5% 1/10W
R332	1-216-069-00	METAL CHIP	6.8K 5% 1/10W	R532	1-216-049-00	METAL CHIP	1K 5% 1/10W
R333	1-216-748-11	METAL CHIP	39K 5% 1/10W	R533	1-216-049-00	METAL CHIP	1K 5% 1/10W
R334	1-216-105-00	METAL CHIP	220K 5% 1/10W	R534	1-216-049-00	METAL CHIP	1K 5% 1/10W
R341	1-216-079-00	METAL CHIP	18K 5% 1/10W	R535	1-216-049-00	METAL CHIP	1K 5% 1/10W
R342	1-216-097-00	METAL CHIP	100K 5% 1/10W	R536	1-216-049-00	METAL CHIP	1K 5% 1/10W
R343	1-216-073-00	METAL CHIP	10K 5% 1/10W	R537	1-216-049-00	METAL CHIP	1K 5% 1/10W
R344	1-216-049-00	METAL CHIP	1K 5% 1/10W	R538	1-216-049-00	METAL CHIP	1K 5% 1/10W
R345	1-216-049-00	METAL CHIP	1K 5% 1/10W	R539	1-216-049-00	METAL CHIP	1K 5% 1/10W
R346	1-216-049-00	METAL CHIP	1K 5% 1/10W	R540	1-216-073-00	METAL CHIP	10K 5% 1/10W
R347	1-216-049-00	METAL CHIP	1K 5% 1/10W	R541	1-216-073-00	METAL CHIP	10K 5% 1/10W
R348	1-216-041-00	METAL CHIP	470 5% 1/10W	R542	1-216-041-00	METAL CHIP	470 5% 1/10W
R349	1-216-025-00	METAL CHIP	100 5% 1/10W	R551	1-216-061-00	METAL CHIP	3.3K 5% 1/10W
R351	1-216-089-00	METAL CHIP	47K 5% 1/10W	R552	1-216-041-00	METAL CHIP	470 5% 1/10W
R352	1-216-077-00	METAL CHIP	15K 5% 1/10W	R553	1-216-045-00	METAL CHIP	680 5% 1/10W
R354	1-216-079-00	METAL CHIP	18K 5% 1/10W	R554	1-216-049-00	METAL CHIP	1K 5% 1/10W
R371	1-216-053-00	METAL CHIP	1.5K 5% 1/10W	R555	1-216-053-00	METAL CHIP	1.5K 5% 1/10W
R372	1-216-109-00	METAL CHIP	330K 5% 1/10W	R561	1-216-061-00	METAL CHIP	3.3K 5% 1/10W
R373	1-216-079-00	METAL CHIP	18K 5% 1/10W	R562	1-216-041-00	METAL CHIP	470 5% 1/10W
R374	1-216-121-00	METAL CHIP	1M 5% 1/10W	R563	1-216-045-00	METAL CHIP	680 5% 1/10W
R375	1-216-097-00	METAL CHIP	100K 5% 1/10W	R564	1-216-049-00	METAL CHIP	1K 5% 1/10W
R376	1-216-097-00	METAL CHIP	100K 5% 1/10W	R565	1-216-053-00	METAL CHIP	1.5K 5% 1/10W
R377	1-216-097-00	METAL CHIP	100K 5% 1/10W	R566	1-216-057-00	METAL CHIP	2.2K 5% 1/10W
R378	1-216-041-00	METAL CHIP	470 5% 1/10W	R571	1-216-045-00	METAL CHIP	680 5% 1/10W
R379	1-216-025-00	METAL CHIP	100 5% 1/10W	R572	1-216-045-00	METAL CHIP	680 5% 1/10W

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

AUDIO **PANEL** **VOLUME** **CONNECTOR** **POWER SUPPLY**

POWER AMP **TRANSFORMER(A)** **TRANSFORMER(B)** **JACK**

TRANSFORMER(C) **SPEAKER** **CONNECTOR(A)** **CONNECTOR(B)**

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
R573	1-216-045-00	METAL CHIP	680 5% 1/10W	S564	1-572-198-11	SWITCH, KEY BOARD (DBFB)	
R574	1-216-045-00	METAL CHIP	690 5% 1/10W	S565	1-572-198-11	SWITCH, KEY BOARD (PRESET ▷)	
R575	1-216-045-00	METAL CHIP	680 5% 1/10W	S567	1-572-198-11	SWITCH, KEY BOARD (PRESET ◁)	
R576	1-216-045-00	METAL CHIP	680 5% 1/10W			< CRYSTAL >	
R577	1-216-037-00	METAL CHIP	330 5% 1/10W				
R581	1-216-049-00	METAL CHIP	1K 5% 1/10W	X501	1-577-364-11	VIBRATOR, CERAMIC (12MHz)	
R582	1-216-049-00	METAL CHIP	1K 5% 1/10W			*****	
R583	1-216-049-00	METAL CHIP	1K 5% 1/10W			* A-4341-583-A POWER SUPPLY BOARD, COMPLETE(AEP, UK, AUS)	
R584	1-216-049-00	METAL CHIP	1K 5% 1/10W			* A-4341-579-A POWER SUPPLY BOARD, COMPLETE (E)	
R585	1-216-049-00	METAL CHIP	1K 5% 1/10W			* A-4341-594-A POWER SUPPLY BOARD, COMPLETE (G, IT)	
R586	1-216-049-00	METAL CHIP	1K 5% 1/10W			* A-4341-844-A POWER SUPPLY BOARD, COMPLETE (US, CND)	
R587	1-216-049-00	METAL CHIP	1K 5% 1/10W			* A-4345-699-A POWER SUPPLY BOARD, COMPLETE (EA)	
R588	1-216-073-00	METAL CHIP	10K 5% 1/10W			*****	
R591	1-216-049-00	METAL CHIP	1K 5% 1/10W			* A-4345-441-A POWER AMP BOARD, COMPLETE (AEP, UK, AUS)	
R592	1-216-049-00	METAL CHIP	1K 5% 1/10W			* A-4341-571-A POWER AMP BOARD, COMPLETE (E, EA)	
R593	1-216-043-00	METAL CHIP	560 5% 1/10W			* A-4345-438-A POWER AMP BOARD, COMPLETE (G, IT)	
R594	1-216-065-00	METAL CHIP	4. 7K 5% 1/10W			* A-4345-763-A POWER AMP BOARD, COMPLETE (US, CND)	
R601	1-216-075-00	METAL CHIP	12K 5% 1/10W			*****	
R602	1-216-049-00	METAL CHIP	1K 5% 1/10W			* 1-638-553-11 TRANSFORMER (C) BOARD	
R603	1-216-075-00	METAL CHIP	12K 5% 1/10W			*****	
R604	1-216-295-00	METAL CHIP	0 5% 1/10W			* 1-638-555-11 TRANSFORMER (A) BOARD	
R606	1-216-021-00	METAL CHIP	68 5% 1/10W			*****	
R651	1-216-075-00	METAL CHIP	12K 5% 1/10W			* 1-638-556-11 TRANSFORMER (B) BOARD	
R652	1-216-049-00	METAL CHIP	1K 5% 1/10W			*****	
R653	1-216-075-00	METAL CHIP	12K 5% 1/10W			* 1-638-558-11 JACK BOARD	
R654	1-216-017-00	METAL CHIP	47 5% 1/10W			*****	
R923	1-216-025-00	METAL CHIP	100 5% 1/10W			* 1-638-559-11 SPEAKER BOARD	
R931	1-216-057-00	METAL CHIP	2. 2K 5% 1/10W			*****	
R932	1-216-025-00	METAL CHIP	100 5% 1/10W			* 1-638-560-11 CONNECTOR (A) BOARD	
R933	1-216-073-00	METAL CHIP	10K 5% 1/10W			*****	
R934	1-216-073-00	METAL CHIP	10K 5% 1/10W			* 1-638-561-11 CONNECTOR (B) BOARD	
R941	1-216-073-00	METAL CHIP	10K 5% 1/10W			*****	
R951	1-216-073-00	METAL CHIP	10K 5% 1/10W			* 1-533-213-31 HOLDER, FUSE	
R952	1-216-065-00	METAL CHIP	4. 7K 5% 1/10W			< CAPACITOR >	
R953	1-216-025-00	METAL CHIP	100 5% 1/10W	C401	1-162-282-31	CERAMIC	100PF 10% 50V
		< VARIABLE RESISTOR >		C451	1-162-282-31	CERAMIC	100PF 10% 50V
RV591	1-241-418-11	RES, VAR, CARBON 10K (VOLUME)		C605	1-161-379-00	CERAMIC	0. 01uF 20% 25V
		< SWITCH >		C611	1-162-294-31	CERAMIC	0. 001uF 10% 50V
S551	1-572-198-11	SWITCH, KEY BOARD (SYSTEM POWER)		C612	1-124-903-11	ELECT	1uF 20% 50V
S552	1-572-198-11	SWITCH, KEY BOARD (FUNCTION >)		C613	1-162-294-31	CERAMIC	0. 001uF 10% 50V
S553	1-572-198-11	SWITCH, KEY BOARD (FUNCTION <)		C614	1-124-120-11	ELECT	220uF 20% 25V
S554	1-572-198-11	SWITCH, KEY BOARD (WAKE UP)		C615	1-124-464-11	ELECT	0. 22uF 20% 50V
S555	1-572-198-11	SWITCH, KEY BOARD (DISPLAY)		C616	1-162-294-31	CERAMIC	0. 001uF 10% 50V
S561	1-572-198-11	SWITCH, KEY BOARD (DIRECT)		C617	1-124-903-11	ELECT	1uF 20% 50V
S562	1-572-198-11	SWITCH, KEY BOARD (EQ)		C618	1-124-903-11	ELECT	1uF 20% 50V
S563	1-572-198-11	SWITCH, KEY BOARD (S-SUR)		C620	1-161-379-00	CERAMIC	0. 01uF 20% 25V
				C655	1-161-379-00	CERAMIC	0. 01uF 20% 25V
				C701	1-126-176-11	ELECT	220uF 20% 10V
				C702	1-126-176-11	ELECT	220uF 20% 10V

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

POWER SUPPLY

POWER AMP

TRANSFORMER(A)

TRANSFORMER(B)

JACK

TRANSFORMER(C)

SPEAKER

CONNECTOR(A)

CONNECTOR(B)

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
C704	1-162-306-11	CERAMIC	0.01uF 20% 16V	CN904	* 1-569-502-11	PIN, CONNECTOR 7P	
C705	1-161-494-00	CERAMIC	0.022uF 25V	CN911	* 1-580-939-11	SOCKET, CONNECTOR 4P	
C706	1-124-927-11	ELECT	4.7uF 20% 100V	CN912	* 1-580-939-11	SOCKET, CONNECTOR 4P (E, EA)	
C707	1-124-478-11	ELECT	100uF 20% 25V	CN913	* 1-569-493-11	SOCKET, CONNECTOR 7P	
C801	1-124-907-11	ELECT	10uF 20% 50V	CN914	* 1-569-502-11	PIN, CONNECTOR 7P	
C802	1-162-290-31	CERAMIC	470PF 10% 50V (Except G, IT)	CN921	* 1-569-502-11	PIN, CONNECTOR 7P	
C803	1-124-122-11	ELECT	100uF 20% 35V	CN922	* 1-569-496-11	SOCKET, CONNECTOR 10P	
C804	1-162-282-31	CERAMIC	100PF 10% 50V	CN931	* 1-569-493-11	SOCKET, CONNECTOR 7P	
C806	1-124-910-11	ELECT	47uF 20% 50V	CN932	* 1-569-493-11	SOCKET, CONNECTOR 7P	
C807	1-124-122-11	ELECT	100uF 20% 50V	〈 DIODE 〉			
C809	1-126-233-11	ELECT	22uF 20% 50V	D701	8-719-912-20	DIODE 1SS120	
C810	1-136-165-00	FILM	0.1uF 5% 50V	D801	8-719-912-20	DIODE 1SS120	
C812	1-136-165-00	FILM	0.1uF 5% 50V	D811	8-719-912-20	DIODE 1SS120	
C813	1-136-165-00	FILM	0.1uF 5% 50V	D851	8-719-912-20	DIODE 1SS120	
C814	1-164-095-11	CERAMIC	0.01uF 10% 16V (G, IT)	D901	8-719-312-09	DIODE RBA-402	
C816	1-126-233-11	ELECT	22uF 20% 50V	D902	8-719-912-20	DIODE 1SS120	
C851	1-124-907-11	ELECT	10uF 20% 50V	D903	8-719-912-20	DIODE 1SS120	
C852	1-162-290-31	CERAMIC	470PF 10% 50V (Except G, IT)	〈 FUSE 〉			
C853	1-124-122-11	ELECT	100uF 20% 35V	F402	△ 1-532-782-21	FUSE, MICRO (SECONDARY) 4A (US, CND)	
C854	1-162-282-31	CERAMIC	100PF 10% 50V	F403	△ 1-532-782-21	FUSE, MICRO (SECONDARY) 4A (US, CND)	
C856	1-124-910-11	ELECT	47uF 20% 50V	F901	△ 1-532-285-00	FUSE T1. 25A (Except US, CND)	
C860	1-136-165-00	FILM	0.1uF 5% 50V	F901	△ 1-576-104-11	FUSE 2A (US, CND)	
C863	1-136-165-00	FILM	0.1uF 5% 50V	F902	△ 1-532-286-00	FUSE T2. 5A (E, EA)	
C866	1-126-233-11	ELECT	22uF 20% 50V	F911	△ 1-532-783-21	FUSE, MICRO (SECONDARY) 5A (US, CND)	
C891	1-136-165-00	FILM	0.1uF 5% 50V (G, IT)	F912	△ 1-532-783-21	FUSE, MICRO (SECONDARY) 5A (US, CND)	
C892	1-136-165-00	FILM	0.1uF 5% 50V (G, IT)	〈 IC 〉			
C901	1-126-224-11	ELECT	4700uF 20% 42V	IC701	8-759-111-68	IC uPC1237HA	
C902	1-126-224-11	ELECT	4700uF 20% 42V	IC801	8-749-900-96	IC STK4142MK2 (Except US, CND)	
C903	1-136-171-00	FILM	0.33uF 5% 50V	IC801	8-749-920-09	IC STK4152MK2 (US, CND)	
C904	1-136-171-00	FILM	0.33uF 5% 50V	〈 IC LINK 〉			
〈 CONNECTOR 〉				ICP402	△ 1-532-845-21	LINK, IC (Except US, CND)	
CN411	* 1-580-739-11	SOCKET, CONNECTOR 15P		ICP403	△ 1-532-845-21	LINK, IC (Except US, CND)	
CN412	* 1-580-740-11	SOCKET, CONNECTOR 17P		ICP911	△ 1-532-846-21	LINK, IC (Except US, CND)	
CN413	1-563-314-11	CONNECTOR, BOARD TO BOARD 20P		ICP912	△ 1-532-846-21	LINK, IC (Except US, CND)	
CN601	* 1-569-504-11	PIN, CONNECTOR 9P		〈 JACK 〉			
CN701	1-563-310-11	CONNECTOR, BOARD TO BOARD 8P		J401	1-565-304-11	JACK, PIN 4P (E, EA)	
CN801	1-569-499-21	PIN, CONNECTOR 3P		J402	1-569-662-11	JACK, PIN 1P	
CN802	* 1-569-505-11	PIN, CONNECTOR 10P		J601	1-562-837-21	JACK	
CN811	1-569-490-11	SOCKET, CONNECTOR 3P		J611	1-562-837-21	JACK	
CN812	1-569-490-11	SOCKET, CONNECTOR 3P		〈 COIL 〉			
CN821	* 1-569-496-11	SOCKET, CONNECTOR 10P		L801	* 1-420-872-00	COIL, AIR CORE	
CN822	* 1-569-496-11	SOCKET, CONNECTOR 10P		L851	* 1-420-872-00	COIL, AIR CORE	
CN831	* 1-569-505-11	PIN, CONNECTOR 10P					
CN832	* 1-566-123-11	CONNECTOR, BOARD TO BOARD 8P					
CN901	△ 1-526-930-11	INLET, AC (US, CND, E)					
CN901	△ 1-526-931-11	INLET, AC (Except US, CND, E)					
CN902	* 1-580-940-11	PIN, CONNECTOR 4P					
CN903	* 1-580-940-11	PIN, CONNECTOR 4P (E, EA)					

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

POWER SUPPLY **POWER AMP** **TRANSFORMER(A)** **TRANSFORMER(B)**
JACK **TRANSFORMER(C)** **SPEAKER** **CONNECTOR(A)** **CONNECTOR(B)**

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
(LINE FILTER)							
LF901	△ 1-424-485-11	FILTER, LINE (G, IT)		R816	1-249-438-11	CARBON	56K 5% 1/4W
(TRANSISTOR)							
Q611	8-729-620-05	TRANSISTOR	2SC2603-EF	R851	1-249-417-11	CARBON	1K 5% 1/4W
Q612	8-729-620-05	TRANSISTOR	2SC2603-EF	R852	1-249-437-11	CARBON	47K 5% 1/4W
Q701	8-729-119-76	TRANSISTOR	2SA1175-HFE	R853	1-249-414-11	CARBON	560 5% 1/4W
Q801	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA	R854	1-249-437-11	CARBON	47K 5% 1/4W
Q851	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA				
(RESISTOR)							
R401	1-249-417-11	CARBON	1K 5% 1/4W	R855	1-247-756-11	CARBON	2.2K 5% 1/2W
R451	1-249-417-11	CARBON	1K 5% 1/4W	R856	1-247-756-11	CARBON	2.2K 5% 1/2W
R605	1-249-405-11	CARBON	100 5% 1/4W	R859	△ 1-217-151-00	RES, METAL PLATE	0.22 2W
R606	1-249-429-11	CARBON	10K 5% 1/4W	R862	△ 1-212-958-00	FUSIBLE	10 5% 1/2W F
R611	1-249-429-11	CARBON	10K 5% 1/4W	R863	1-249-417-11	CARBON	1K 5% 1/4W
				R864	1-249-431-11	CARBON	15K 5% 1/4W
R612	1-249-417-11	CARBON	1K 5% 1/4W	R865	1-249-441-11	CARBON	100K 5% 1/4W
R613	1-249-429-11	CARBON	10K 5% 1/4W	R866	1-249-437-11	CARBON	47K 5% 1/4W
R614	1-249-441-11	CARBON	100K 5% 1/4W	R876	△ 1-212-881-11	FUSIBLE	100 5% 1/4W F
R615	1-249-429-11	CARBON	10K 5% 1/4W	R891	△ 1-244-825-00	CARBON	10 5% 1/2W (G, IT)
R616	1-249-429-11	CARBON	10K 5% 1/4W				
				R892	△ 1-244-825-00	CARBON	10 5% 1/2W (G, IT)
R617	1-249-441-11	CARBON	100K 5% 1/4W	R901	△ 1-202-725-00	SOLID	3.3M 10% 1/2W (US, CND)
R618	1-249-441-11	CARBON	100K 5% 1/4W	R902	1-249-429-11	CARBON	10K 5% 1/4W
R619	1-247-903-00	CARBON	1M 5% 1/4W	R903	△ 1-212-881-11	FUSIBLE	100 5% 1/4W F
R620	1-249-441-11	CARBON	100K 5% 1/4W				
R655	1-249-405-11	CARBON	100 5% 1/4W	R921	△ 1-212-857-00	FUSIBLE	10 5% 1/4W F
				R925	1-216-089-00	METAL CHIP	47K 5% 1/10W
				(VARIABLE RESISTOR)			
R701	1-249-433-11	CARBON	22K 5% 1/4W	RV611	1-241-140-11	RES, VAR, CARBON	10K (MIC LEVEL)
R702	1-249-441-11	CARBON	100K 5% 1/4W				
R703	1-249-433-11	CARBON	22K 5% 1/4W	(RELAY)			
R704	1-249-433-11	CARBON	22K 5% 1/4W	RY801	1-515-533-11	RELAY	
R705	1-249-429-11	CARBON	10K 5% 1/4W	RY901	1-515-626-11	RELAY	
				(VOLTAGE SELECTOR)			
R706	1-249-437-11	CARBON	47K 5% 1/4W	S901	△ 1-572-009-11	SELECTOR, VOLTAGE (E, EA)	
R801	1-249-417-11	CARBON	1K 5% 1/4W	(TERMINAL BOARD)			
R802	1-249-437-11	CARBON	47K 5% 1/4W	TB801	1-537-276-21	TERMINAL BOARD (SP)	
R803	1-249-414-11	CARBON	560 5% 1/4W	(TRANSFORMER)			
R804	1-249-437-11	CARBON	47K 5% 1/4W	T1	△ 1-450-380-11	TRANSFORMER, POWER (AEP, G, IT)	
R805	1-247-756-11	CARBON	2.2K 5% 1/2W	T1	△ 1-450-381-11	TRANSFORMER, POWER (UK, AUS)	
R806	1-247-756-11	CARBON	2.2K 5% 1/2W	T1	△ 1-450-382-11	TRANSFORMER, POWER (E, EA)	
R807	△ 1-212-881-11	FUSIBLE	100 5% 1/4W F	T1	△ 1-450-383-11	TRANSFORMER, POWER (US, CND)	
R808	△ 1-212-881-11	FUSIBLE	100 5% 1/4W F				
R809	△ 1-217-151-00	RES, METAL PLATE	0.22 2W	*****			
R810	1-247-752-11	CARBON	1K 5% 1/2W	MISCELLANEOUS			
R811	1-247-752-11	CARBON	1K 5% 1/2W	*****			
R812	△ 1-212-958-00	FUSIBLE	10 5% 1/2W F				
R813	1-249-417-11	CARBON	1K 5% 1/4W				
R814	1-249-431-11	CARBON	15K 5% 1/4W				
R815	1-249-441-11	CARBON	100K 5% 1/4W				
				* 1-535-706-11 PLUG, JUMPER (E, EA)			
				1-533-213-31 HOLDER, FUSE			

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TA-H2600

SONY[®] SERVICE MANUAL

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

SUPPLEMENT-1

File this supplement with the service manual.

Description Additional to the Block Diagram

No block diagram is shown in the service manual, so it is contained in this supplement.

Refer also to the service manual for the TA-H2600.

BLOCK DIAGRAM

