

TA-H3700

SERVICE MANUAL

AEP Model
UK Model



This set is the Amplifier section in MHC-3700.

SPECIFICATIONS

Continuous RMS power output

For satellite speaker:

23 + 23 watts (8 ohms at

1 kHz, DIN)

28 + 28 watts (8 ohms at

1 kHz, 5% THD)

For bass speaker:

27 + 27 watts (6 ohms at

110 Hz, DIN)

32 + 32 watts (6 ohms at

110 Hz, 5% THD)

Music power output

For satellite speaker:

40 + 40 watts (8 ohms at

1 kHz, 10% THD)

For bass speaker:

45 + 45 watts (6 ohms at

110 Hz, 10% THD)

Outputs

HEADPHONES

(stereo minijack):

accepts headphones of
8 ohms or more.

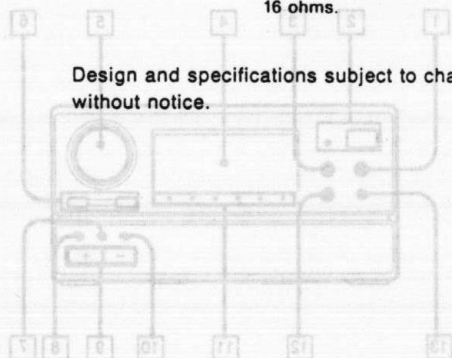
SPEAKER (SATELLITE):

accepts speakers of 8 to
16 ohms.

SPEAKER (BASS):

accepts speaker of 6 to
16 ohms.

Design and specifications subject to change without notice.



SAFETY-RELATED COMPONENT WARNING!!

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

INTEGRATED STEREO AMPLIFIER
SONY

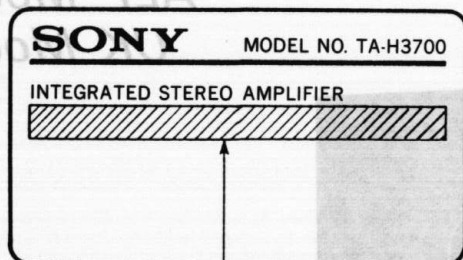


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MODEL IDENTIFICATION

—Model Number Label—



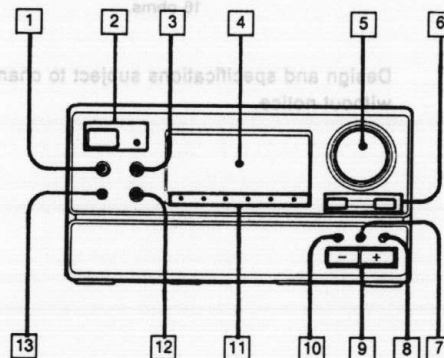
AEP model : AC: 220—230V~50/60Hz
 Italian model : AC: 220—230V~50Hz
 Germany model: SYSTEM MHC-3700
 AC: 220—230~50Hz
 UK model : AC: 240V~50Hz

SECTION 1
GENERAL

1-1. PARTS IDENTIFICATION

- 1 WAKE UP VOL SET button and indicator
- 2 SYSTEM POWER switch and STANDBY indicator
The indicator remains lit as long as the AC power cord is connected to a wall outlet.
- 3 DISPLAY button 66
- 4 Display window
- 5 VOLUME control 24
- 6 FUNCTION <> buttons 18
- 7 T.P.O. button 64
- 8 DIRECT button 66
- 9 TOTAL EFFECT CONTROL +/- buttons 66
- 10 MUSIC button 64
- 11 Function indicators
- 12 MUTING button 24
- 13 HEADPHONES jack (stereo minijack) 24

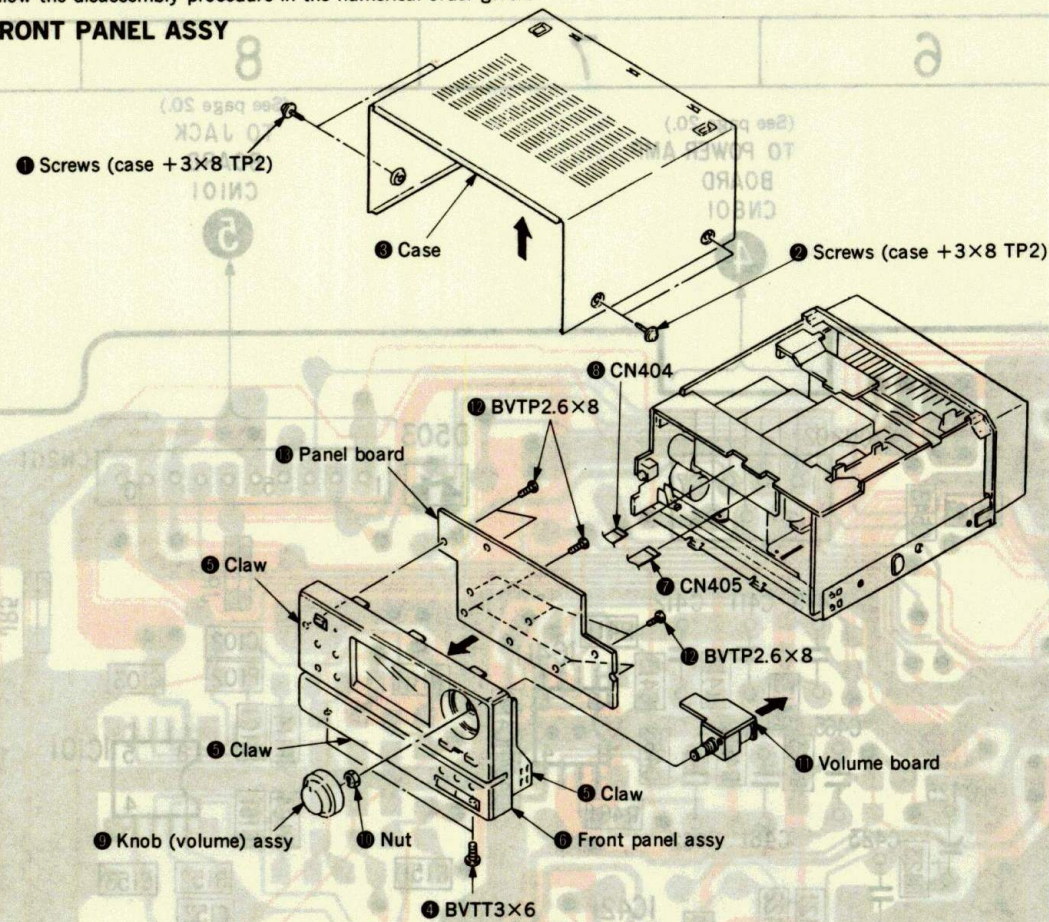
This section is extracted from instruction manual.



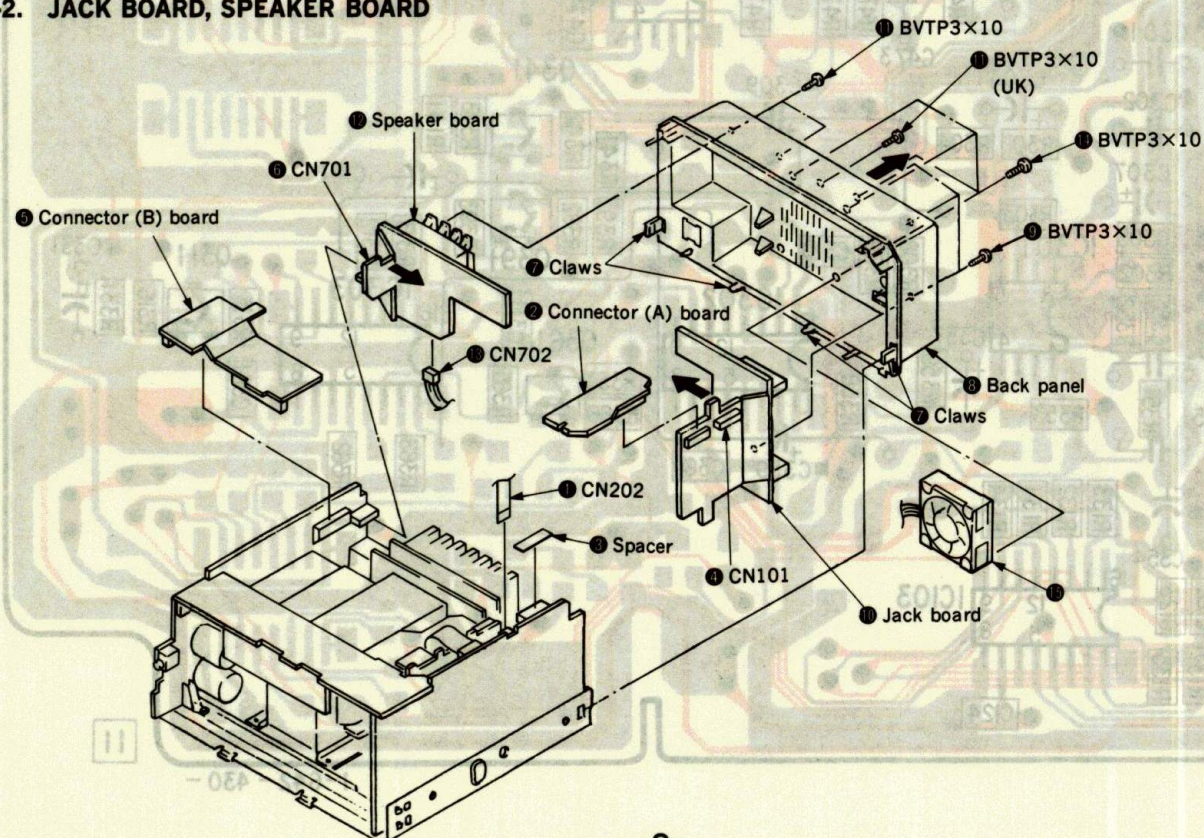
SECTION 2 DISASSEMBLY

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

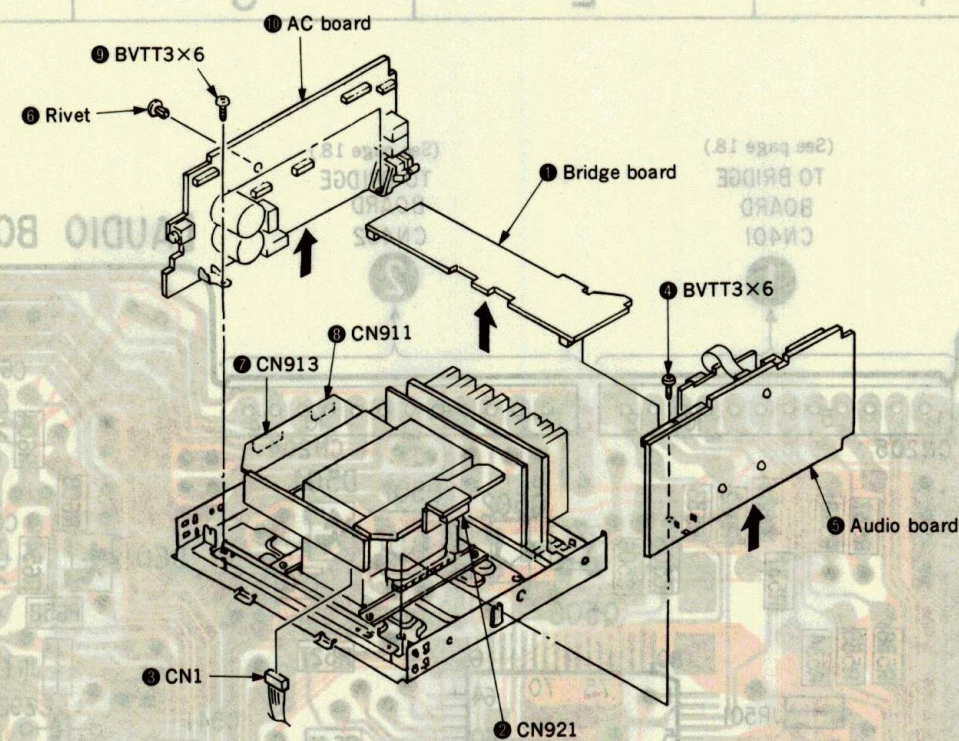
2-1. FRONT PANEL ASSY



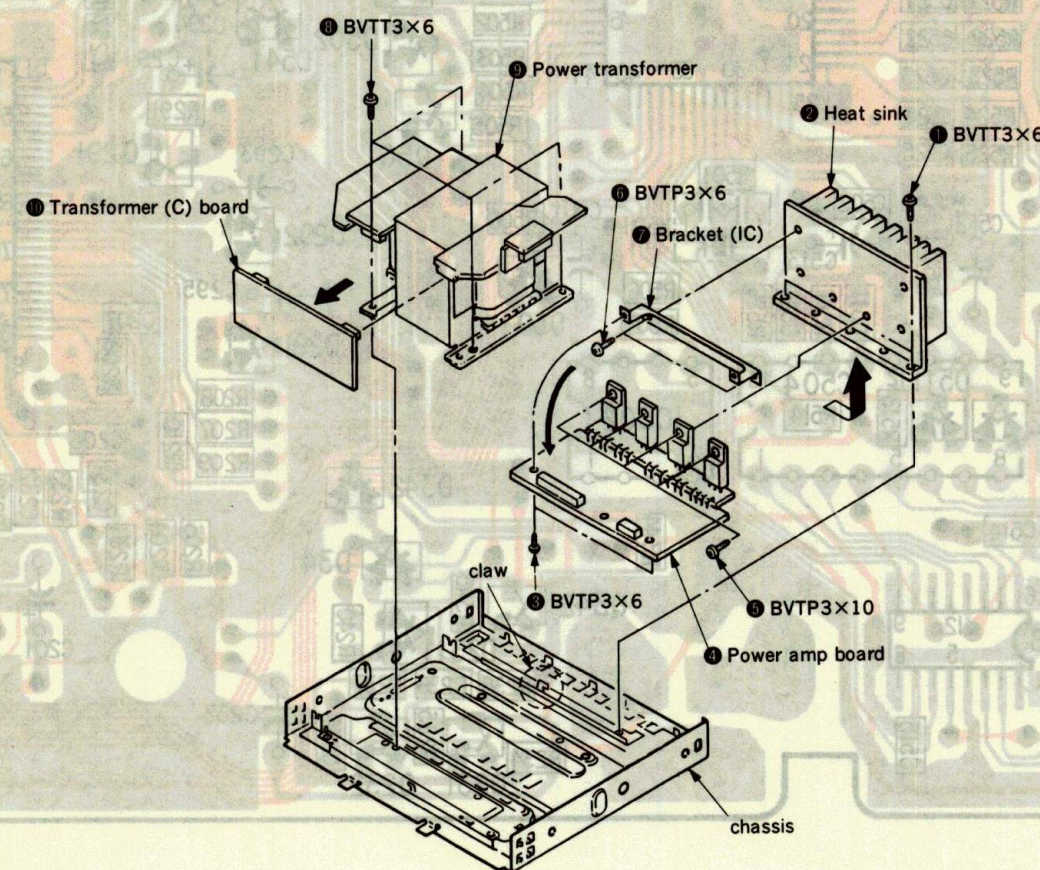
2-2. JACK BOARD, SPEAKER BOARD



2-3. AUDIO BOARD, AC BOARD

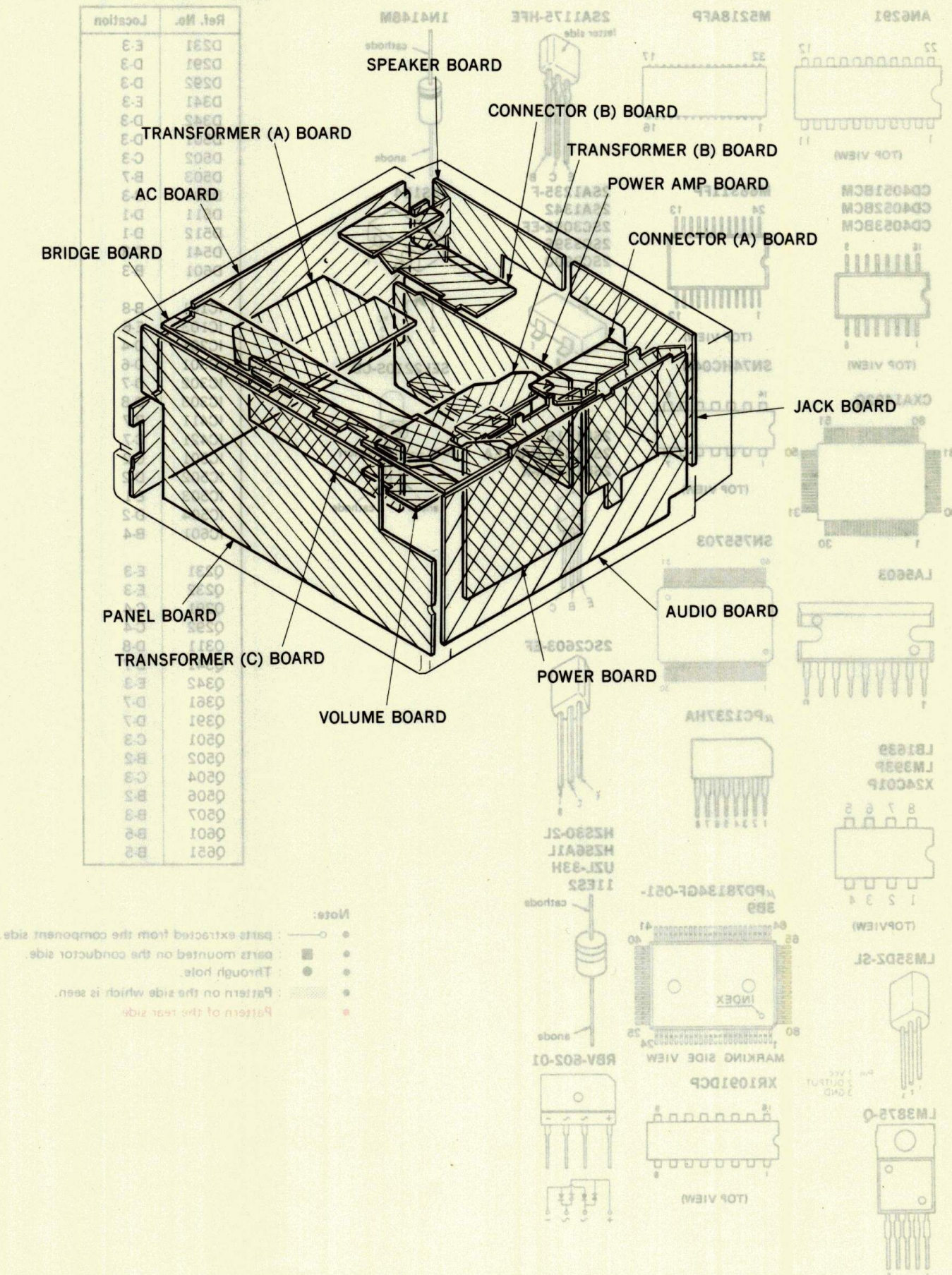


2-4. POWER AMP BOARD, POWER TRANSFORMER



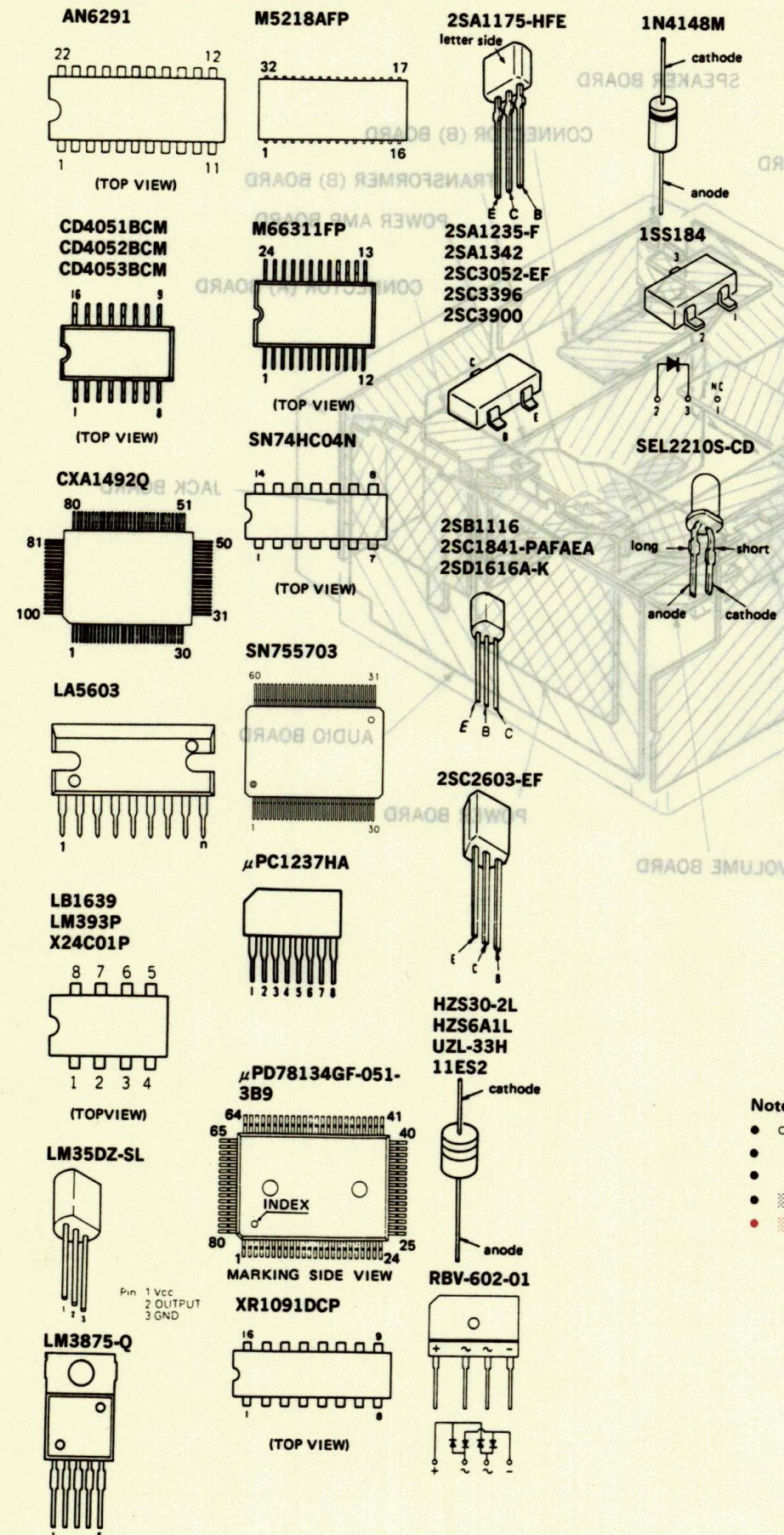
SECTION 3 DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION



3-2. SEMICONDUCTOR LEAD LAYOUTS

Semiconductor Location

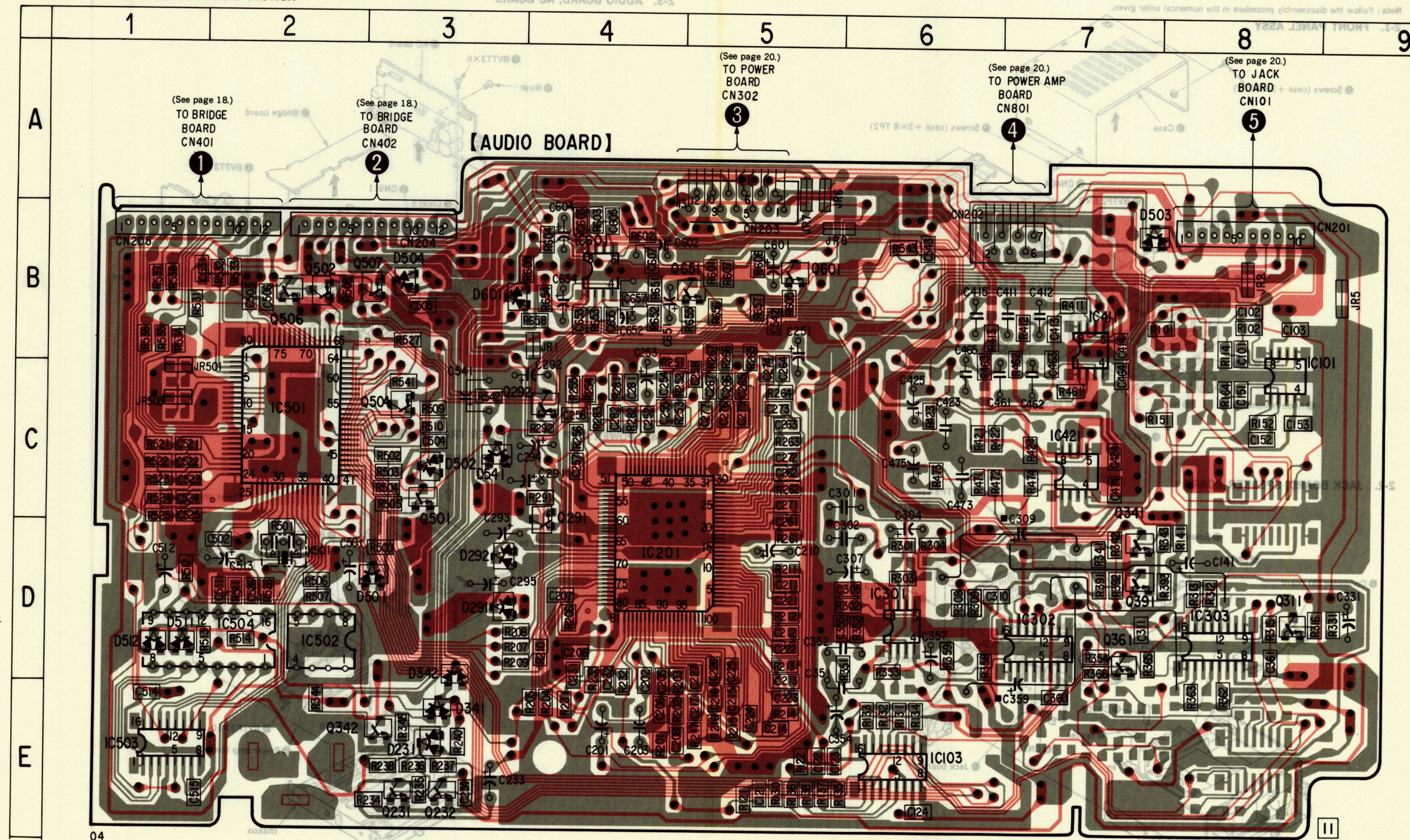


Ref. No.	Location
D231	E-3
D291	D-3
D292	D-3
D341	E-3
D342	D-3
D501	D-3
D502	C-3
D503	B-7
D504	B-3
D511	D-1
D512	D-1
D541	C-3
D601	B-3
IC101	B-8
IC103	E-6
IC201	D-4
IC301	D-6
IC302	D-7
IC303	D-8
IC411	B-7
IC421	C-7
IC501	C-2
IC502	D-2
IC503	E-1
IC504	D-2
IC601	B-4
Q231	E-3
Q232	E-3
Q291	C-4
Q292	C-4
Q311	D-8
Q341	D-7
Q342	E-3
Q361	D-7
Q391	D-7
Q501	C-3
Q502	B-2
Q504	C-3
Q506	B-2
Q507	B-3
Q601	B-5
Q651	B-5

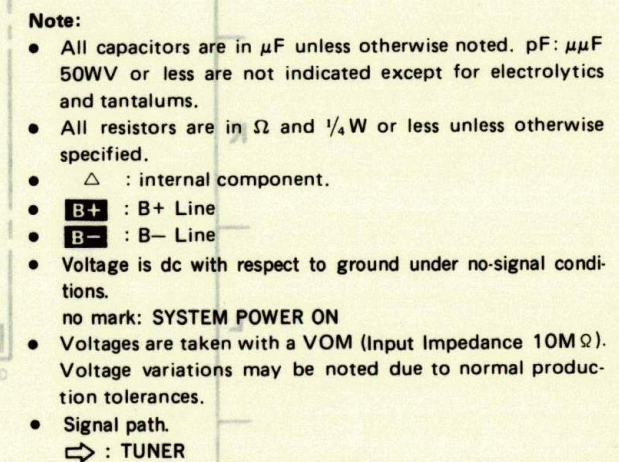
Note:

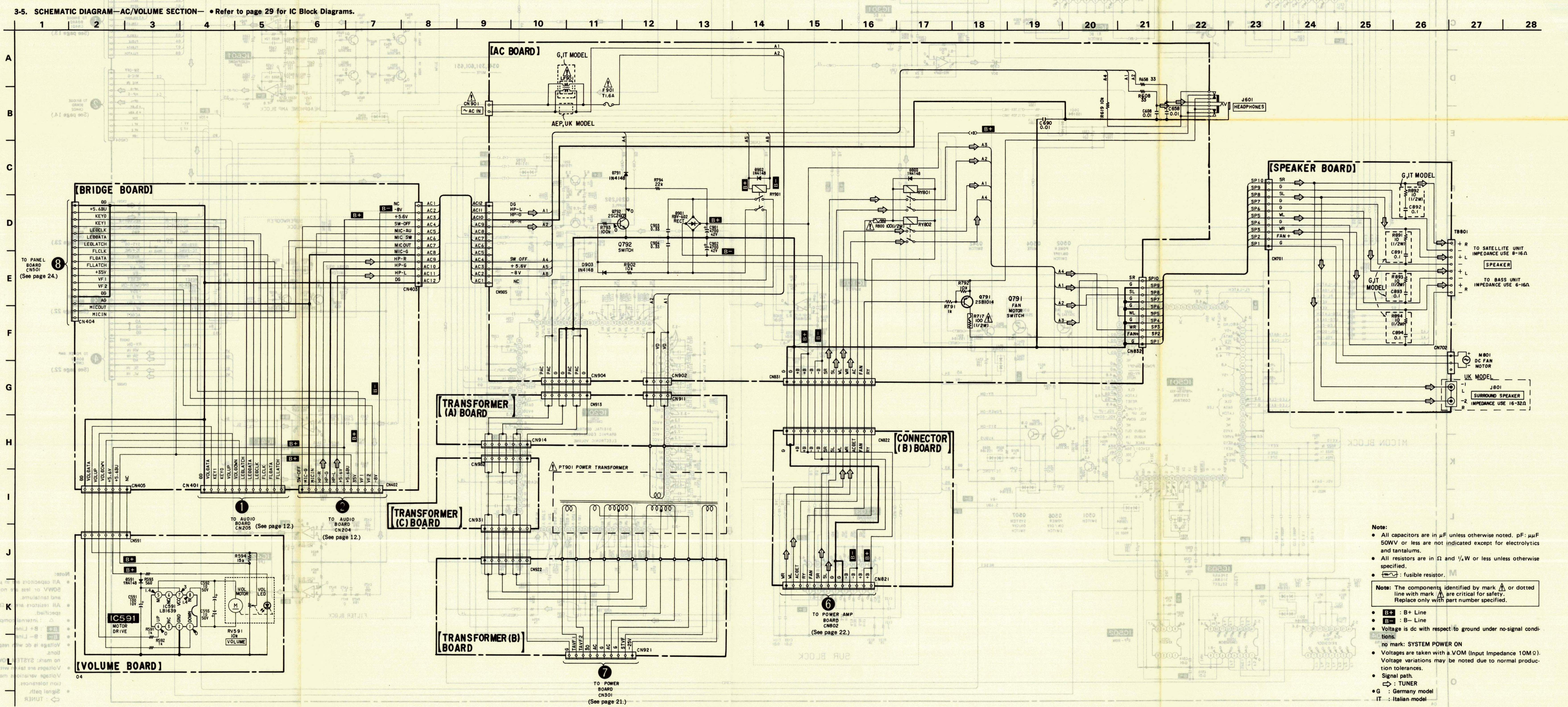
- : parts extracted from the component side.
- : parts mounted on the conductor side.
- : Through hole.
- ▨ : Pattern on the side which is seen.
- : Pattern of the rear side.

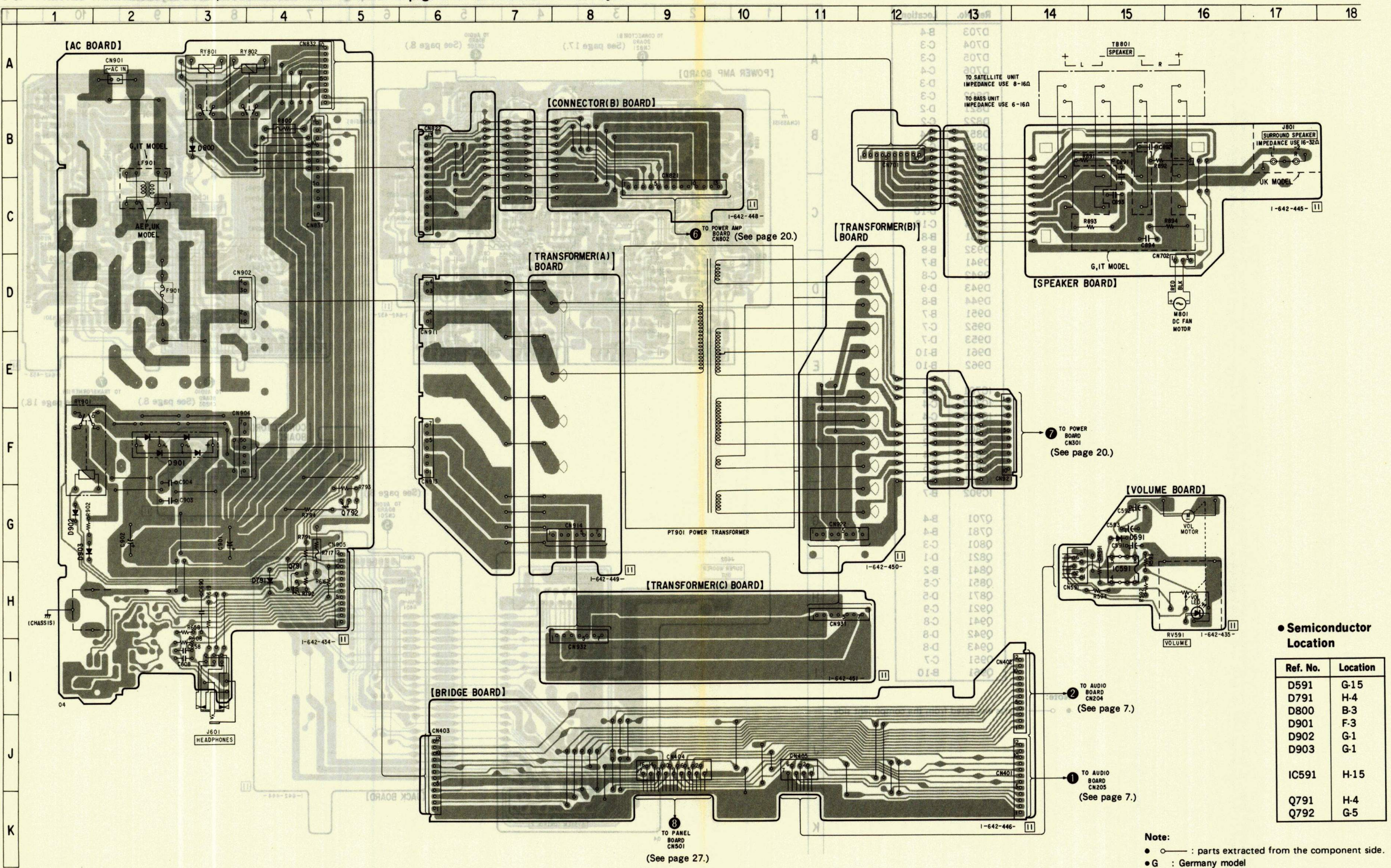
3-3. PRINTED WIRING BOARD—AUDIO SECTION—



[AUDIO BOARD]







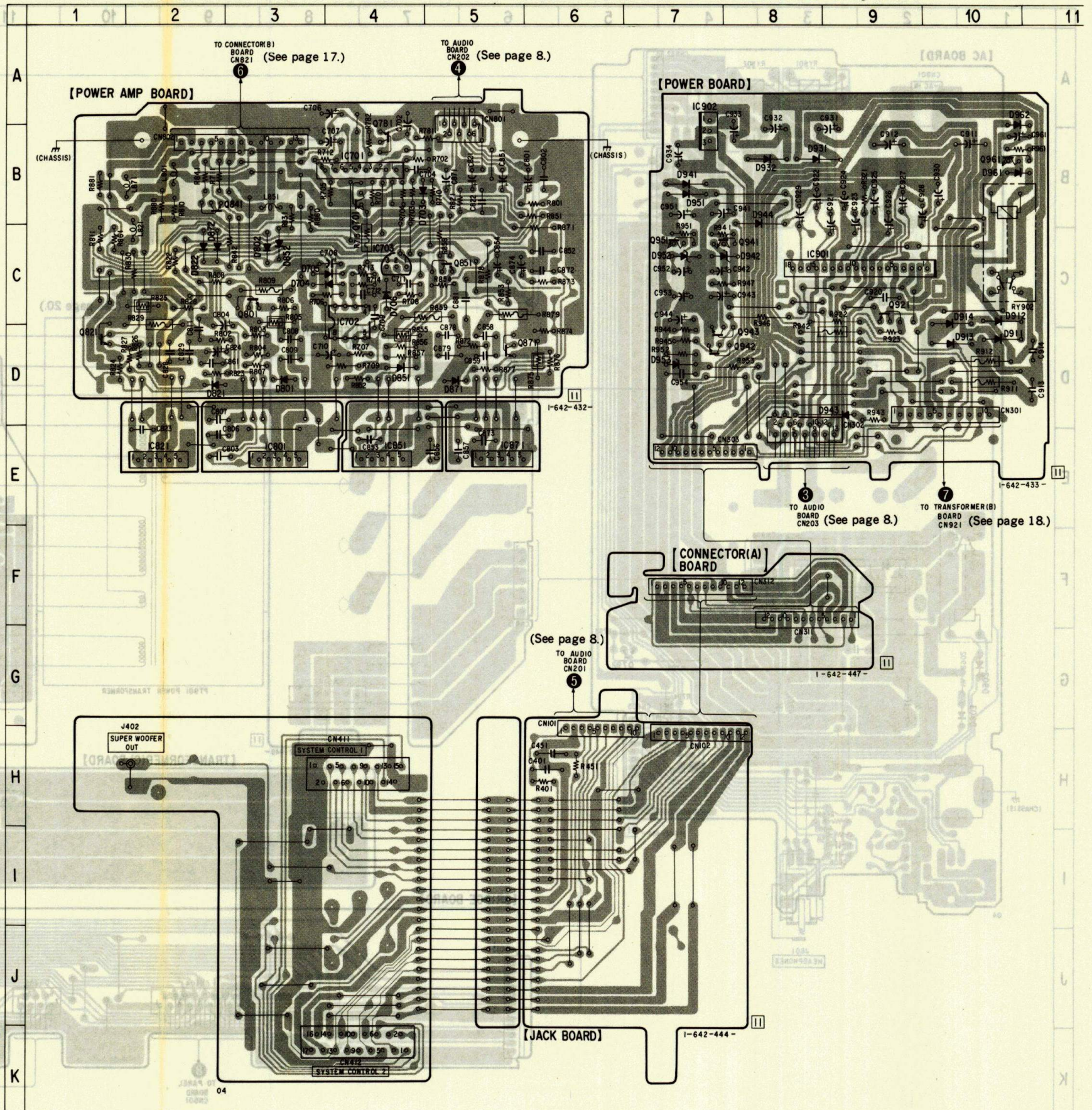
● Semiconductor Location

Ref. No.	Location
D703	B-4
D704	C-3
D705	C-3
D706	C-4
D801	D-3
D802	C-3
D821	D-2
D822	C-2
D851	D-4
D852	C-3
D871	D-5
D872	C-2
D911	D-10
D912	C-10
D913	D-10
D914	C-10
D931	B-8
D932	B-8
D941	B-7
D942	C-8
D943	D-9
D944	B-8
D951	B-7
D952	C-7
D953	D-7
D961	B-10
D962	B-10
IC701	B-4
IC702	C-4
IC703	C-4
IC801	E-3
IC821	E-2
IC851	E-4
IC871	E-5
IC901	C-9
IC902	B-7
Q701	B-4
Q781	B-4
Q801	C-3
Q821	D-1
Q841	B-2
Q851	C-5
Q871	D-5
Q921	C-9
Q941	C-8
Q942	D-8
Q943	D-8
Q951	C-7
Q961	B-10

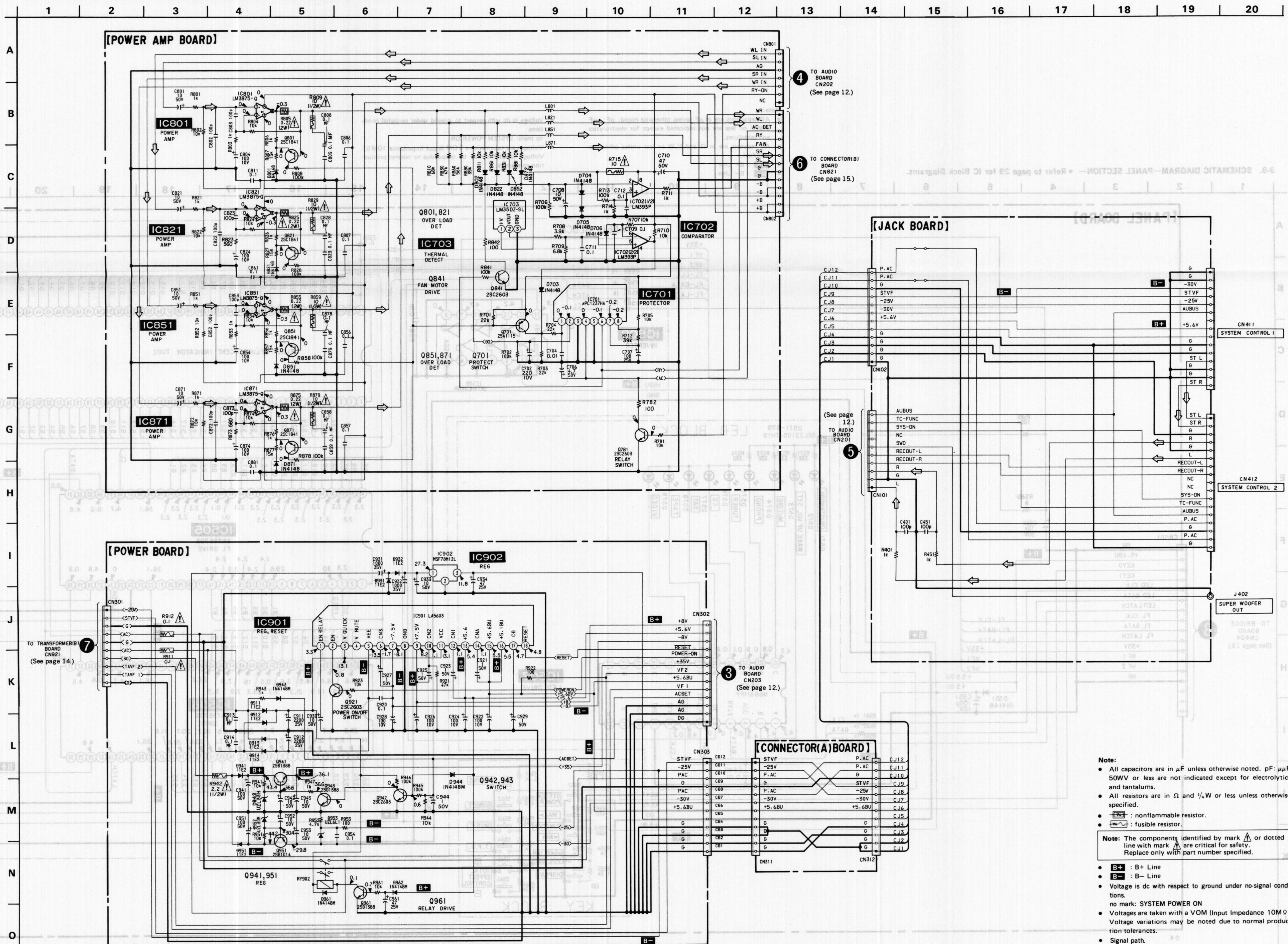
Note:

● ○ : parts extracted from the component side.

3-7. PRINTED WIRING BOARDS—POWER/POWER AMP SECTION— ● Refer to page 6 for Semiconductor Lead Layouts.

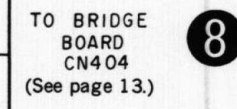


3-8. SCHEMATIC DIAGRAM—POWER/POWER AMP SECTION— • Refer to page 29 for IC Block Diagrams.

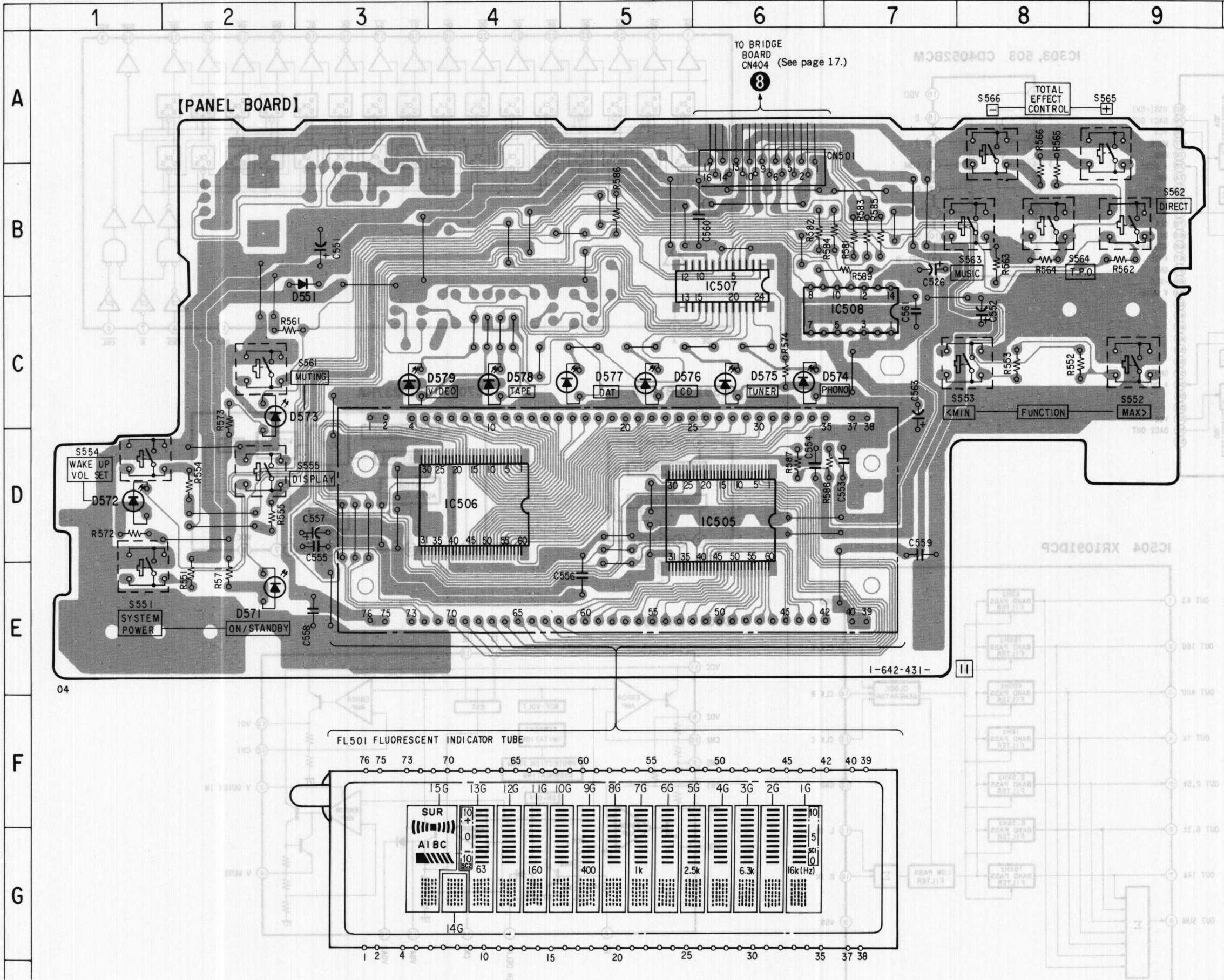


1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----

- Voltage is dc with respect to ground under no-signal conditions.
no mark: SYSTEM POWER ON
- Voltages are taken with a VOM (Input Impedance 10M Ω)
Voltage variations may be noted due to normal production tolerances.



3-10. PRINTED WIRING BOARD—PANEL SECTION— • Refer to page 6 for Semiconductor Lead Layouts.

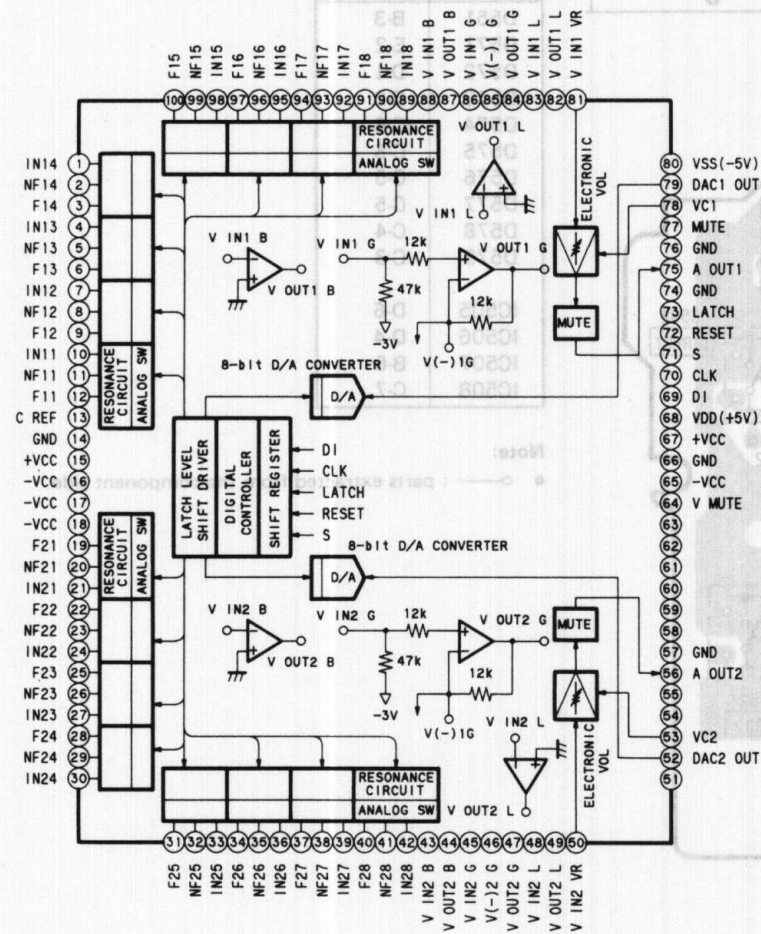


• Semiconductor Location

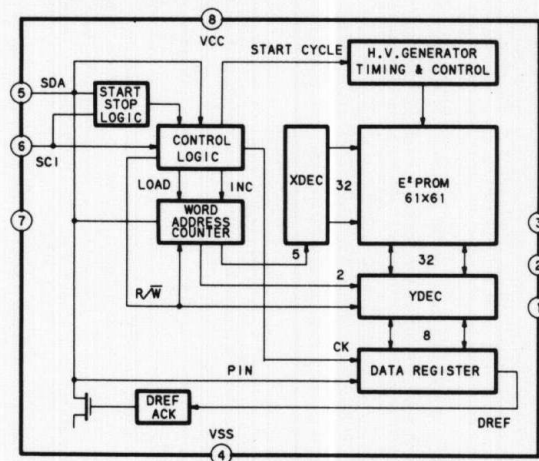
Ref. No.	Location
D551	B-3
D571	E-2
D572	D-1
D573	C-2
D574	C-6
D575	C-6
D576	C-5
D577	C-5
D578	C-4
D579	C-3
IC505	D-6
IC506	D-4
IC507	B-6
IC508	C-7

Note:
• ○ — : parts extracted from the component side.

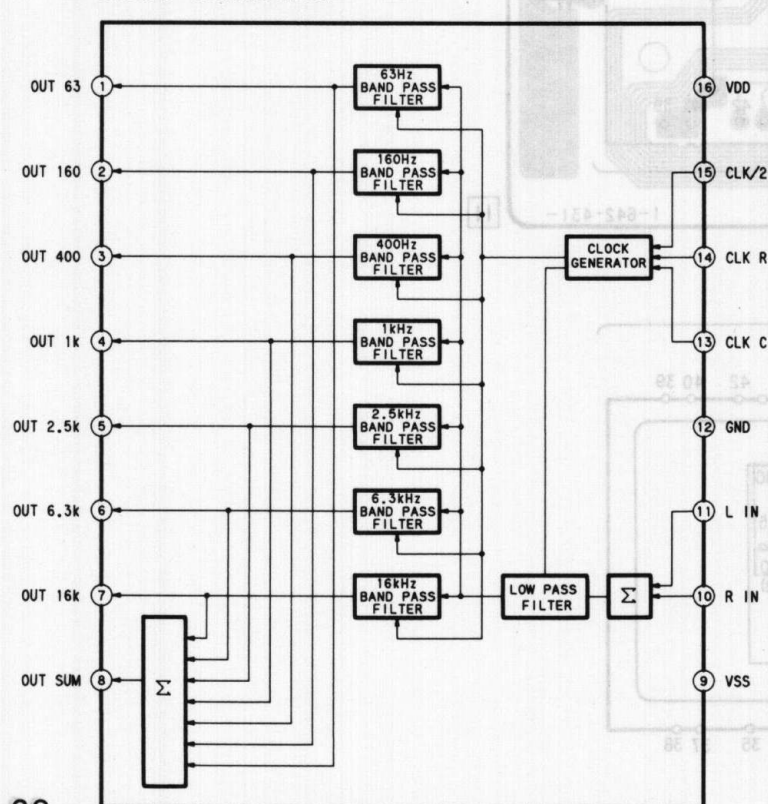
• IC Block Diagrams
IC201 CXA1492Q



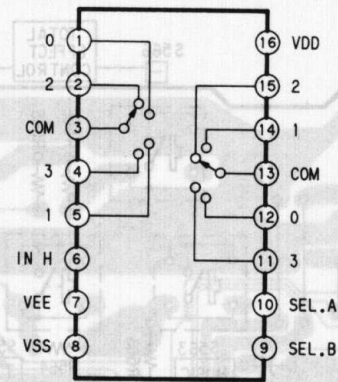
IC502 X24C01P



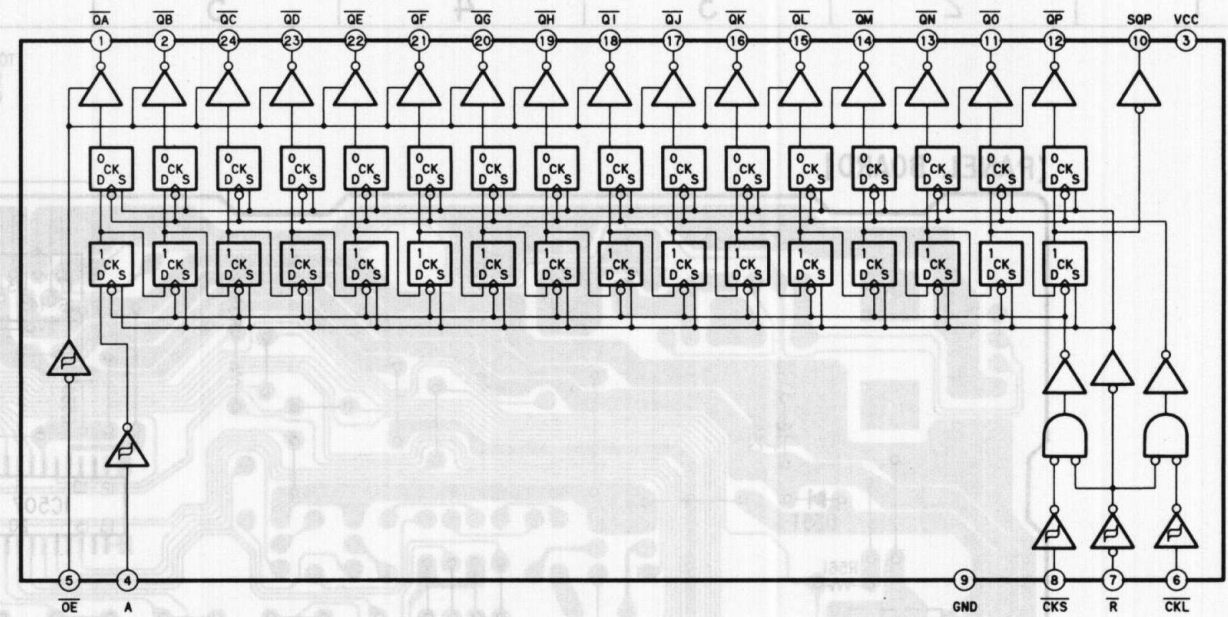
IC504 XR1091DCP



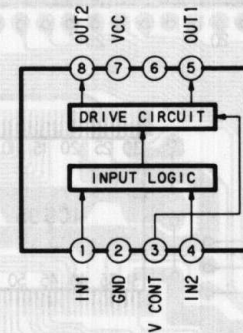
IC303, 503 CD4052BCM



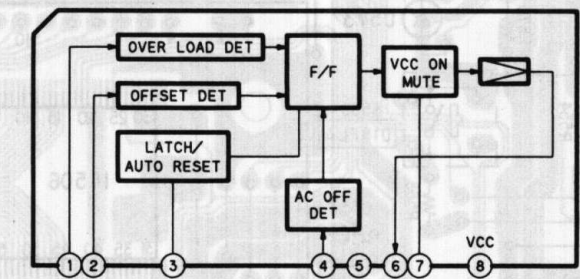
IC507 M66311FP



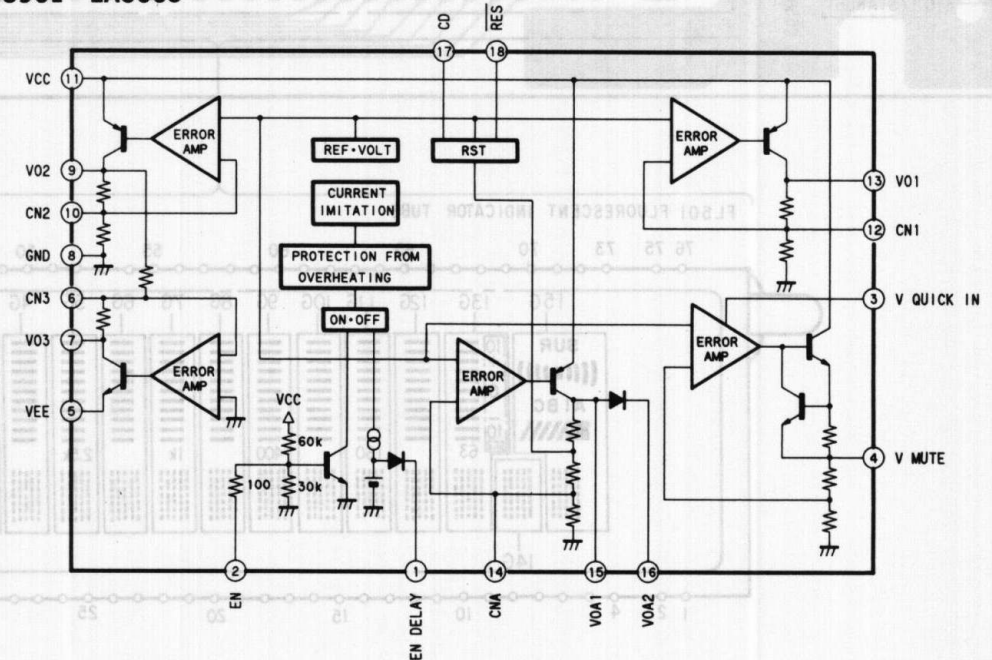
IC591 LB1639



IC701 μPC1237HA



IC901 LA5603



3-11. PIN FUNCTION OF IC501 (μ PD78134GF-051-3B9)

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

Pin No.	Pin name	I/O	Description
1	CLR0	I	Timer pulse input
2	+5V	I	Not in use with the equipment (+5V)
3	FL DATA	O	Serial data output to the FL tube driver (IC505, 506)
4	FL CLK	O	Data transfer clock output to the FL tube driver (IC505, 506)
5, 6	S0, S1	I	Input port for model selection. Connected to GND with the equipment.
7-12	+5V	I	Not in use with the equipment (+5V)
13	POT00	O	Timer pulse output (about 400 μ sec)
14	LED CLK	O	Data transfer clock output to the LED driver (IC507)
15	LED DATA	O	Serial data output to LED driver (IC507)
16	LED LATCH	O	Data latch output to the LED driver (IC507)
17, 18	NC	—	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	KEY0, 1	I	Key input (Analog)* 1
23, 24	SPE0, 1	I	Spectrum analysis data input (analog)
25	VOL DATA	I	Volume position data input (analog)
26-28	G	—	Not in use with the equipment (GND)
29	RESET	I	System reset input. "L": reset
30	VDD	—	Power terminal (+5V)
31, 32	X1, X2	—	Crystal connection terminal for system clock oscillation
33	VSS	—	Power terminal (GND)
34	SPE A	O	Spectrum analysis data input switch A
35	SPE B	O	Spectrum analysis data input switch B
36	SPE INH	O	Spectrum analysis data input switch inhibit
37	AI BC A	O	AI BC output switch A
38	AI BC B	O	AI BC output switch B
39	AI BC INH	O	AI BC output switch inhibit
40, 41	NC	—	Not in use with the equipment (open)
42	SDL	O	Clock output to E ² P-ROM (IC502)
43	SDA	I/O	Data input/output (user preset memory data, etc.) with E ² P-ROM (IC502)
44	BACK UP	—	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	NC	—	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-H3700)
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)

Pin No.	Pin name	I/O	Description
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 output
56	RY-ON	O	Speaker relay control
57	POWER ON/OFF	O	Power (IC901) output control. "L" : Power ON
58	NC	—	Not in use with the equipment (open)
59	SUR A	O	Surround control output switch A
60	SUR B	O	Surround control output switch B
61	SUR C	O	Surround control output switch C
62	SUR INH	O	Surround control output switch inhibit
63, 64	NC	—	Not in use with the equipment (open)
65	KARAOKE	O	Not in use with the equipment (open)
66	NC	—	Not in use with the equipment (open)
67	VSS	—	Power terminal (GND)
68	+5V	I	Not in use with the equipment (+5V)
69—76	NC	—	Not in use with the equipment (open)
77	VDD	—	Power terminal (+5V)
78	NC	—	Not in use with the equipment (open)
79	FL LATCH	O	Data latch output to the FL tube driver (IC505, 506)
80	NC	—	Not in use with the equipment (open)

*1 Key input (analog port)

Voltage (V)	0	0.63	1.3	2.0	2.6	3.2
Input port						
Pin ② KEY 0	SYSTEM POWER S551	FUNCTION MAX> S552	FUNCTION <MIN S553	WAKE UP VOL SET S554	DISPLAY S555	
Pin ② KEY1	MUTING S561	DIRECT S562	MUSIC S563	T. P. O. S564	TOTAL EFFECT+ S565	TOTAL EFFECT- S566

SECTION 4

EXPLODED VIEW

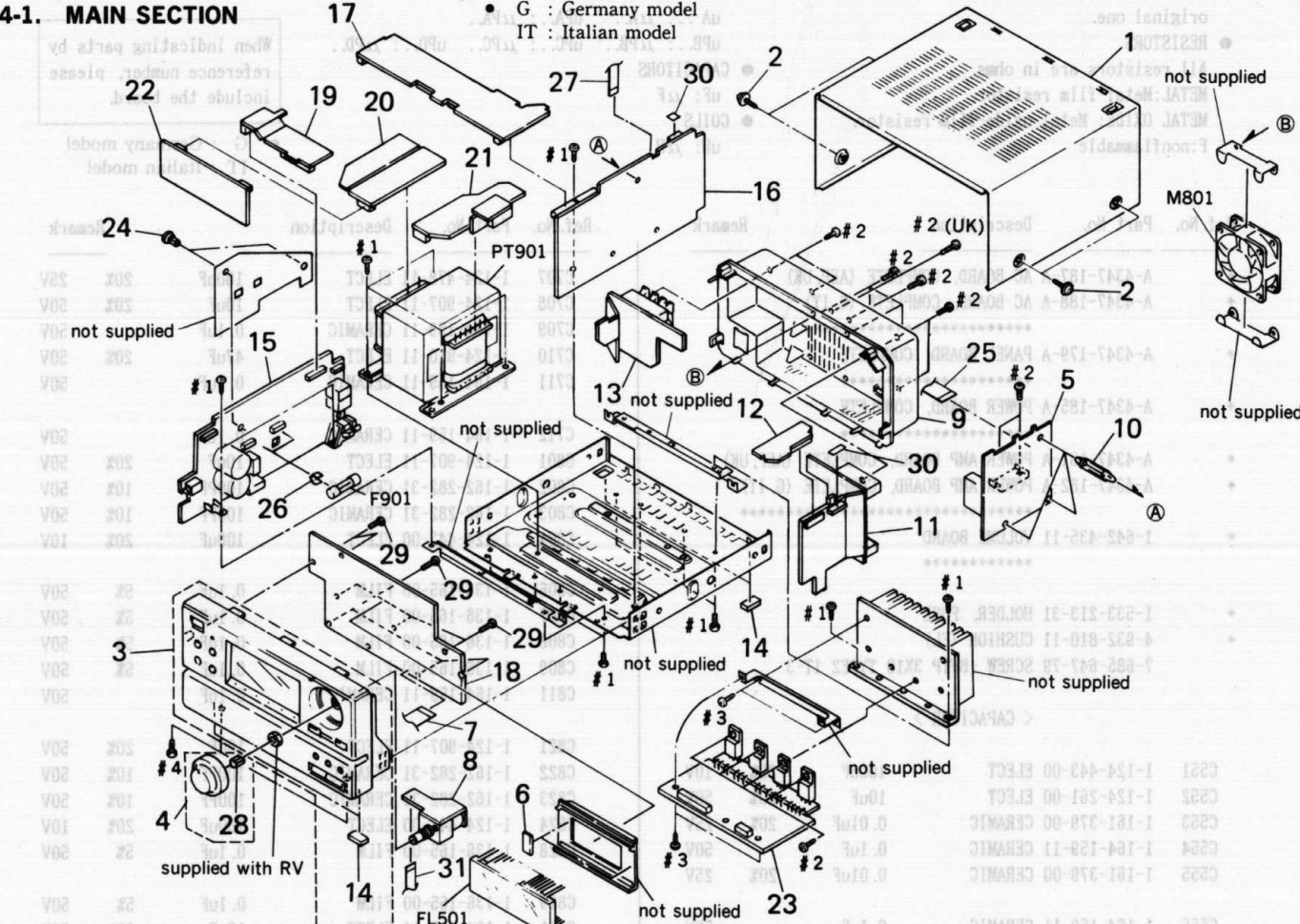
NOTE :

- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- 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
- G : Germany model
IT : Italian model

Hardware (# mark) list is given in the last of this parts list.
The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

4-1. MAIN SECTION



Ref. No.	Part No.	Description	Remark
* 1	4-944-522-21	CASE (K211522)	
2	3-363-099-01	SCREW (CASE +3X8 TP2)	
3	X-4942-489-3	PANEL ASSY, FRONT	
4	X-4942-471-1	KNOB (VOLUME) ASSY	
* 5	A-4347-185-A	POWER BOARD, COMPLETE	
* 6	4-932-810-11	CUSHION (FL)	
7	1-690-994-11	WIRE (FLAT TYPE) (17 CORE)	
* 8	1-642-435-11	VOLUME BOARD	
* 9	4-948-766-21	PANEL, BACK (UK)	
* 9	4-948-766-51	PANEL, BACK (AEP, G, IT)	
* 10	4-385-948-01	HOLDER, PCB	
* 11	1-642-444-11	JACK BOARD	
* 12	1-642-447-11	CONNECTOR (A) BOARD	
* 13	1-642-445-11	SPEAKER BOARD	
14	4-930-336-21	FOOT (FELT)	
* 15	A-4347-187-A	AC BOARD, COMPLETE (AEP, UK)	
* 15	A-4347-188-A	AC BOARD, COMPLETE (G, IT)	
* 16	A-4347-175-A	AUDIO BOARD, COMPLETE (AEP, UK)	
* 16	A-4347-176-A	AUDIO BOARD, COMPLETE (G, IT)	
* 17	1-642-446-11	BRIDGE BOARD	

Ref. No.	Part No.	Description	Remark
* 18	A-4347-179-A	PANEL BOARD, COMPLETE	
* 19	1-642-448-11	CONNECTOR (B) BOARD	
* 20	1-642-449-11	TRANSFORMER (A) BOARD	
* 21	1-642-450-11	TRANSFORMER (B) BOARD	
* 22	1-642-451-11	TRANSFORMER (C) BOARD	
* 23	A-4347-181-A	POWER AMP BOARD, COMPLETE (AEP, UK)	
* 23	A-4347-182-A	POWER AMP BOARD, COMPLETE (G, IT)	
24	4-812-134-11	RIVET NYLON, 3.5	
25	1-690-993-11	WIRE (FLAT TYPE) (13 CORE)	
* 26	1-533-213-31	HOLDER, FUSE	
27	1-690-992-11	WIRE (FLAT TYPE) (7 CORE)	
28	3-703-466-00	SPRING (6600)	
29	4-928-635-01	SCREW, +BV (2.6X8) TAPPING	
30	9-911-835-XX	SPACER	
31	1-590-240-11	WIRE (FLAT TYPE) (7 CORE)	
 F901	1-532-259-00	FUSE, TIME-LAG (T1.6A)	
FL501	1-519-720-11	INDICATOR TUBE, FLUORESCENT	
M801	1-541-953-11	MOTOR, DC FAN	
 PT901	1-450-793-11	TRANSFORMER, POWER (AEP, G, IT)	
 PT901	1-450-794-11	TRANSFORMER, POWER (UK)	

SECTION 5
ELECTRICAL PARTS LIST

AC
PANEL
POWER
POWER AMP
VOLUME

AC
PANEL
POWER
POWER AMP
VOLUME

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
All resistors are in ohms.
METAL: Metal-film resistor.
METAL OXIDE: Metal oxide-film resistor.
F: nonflammable

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
In each case, u: μ , for example:
uA: μ A, uPA: μ PA,
uPB: μ PB, uPC: μ PC, uPD: μ PD.
- CAPACITORS
uF: μ F
- COILS
uH: μ H

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

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

- G: Germany model
IT: Italian model

Ref. No.	Part No.	Description	Remark
*	A-4347-187-A	AC BOARD, COMPLETE (AEP, UK)	
*	A-4347-188-A	AC BOARD, COMPLETE (G, IT)	

*	A-4347-179-A	PANEL BOARD, COMPLETE	

*	A-4347-185-A	POWER BOARD, COMPLETE	

*	A-4347-181-A	POWER AMP BOARD, COMPLETE (AEP, UK)	
*	A-4347-182-A	POWER AMP BOARD, COMPLETE (G, IT)	

*	1-642-435-11	VOLUME BOARD	

		< CAPACITOR >	
C551	1-124-443-00	ELECT 100uF	20% 10V
C552	1-124-261-00	ELECT 10uF	20% 50V
C553	1-161-379-00	CERAMIC 0.01uF	20% 25V
C554	1-164-159-11	CERAMIC 0.1uF	50V
C555	1-161-379-00	CERAMIC 0.01uF	20% 25V
C556	1-164-159-11	CERAMIC 0.1uF	50V
C557	1-126-923-11	ELECT 220uF	20% 10V
C558	1-164-159-11	CERAMIC 0.1uF	50V
C559	1-164-159-11	CERAMIC 0.1uF	50V
C560	1-161-379-00	CERAMIC 0.01uF	20% 25V
C561	1-161-379-00	CERAMIC 0.01uF	20% 25V
C562	1-124-261-00	ELECT 10uF	20% 50V
C563	1-126-923-11	ELECT 220uF	20% 10V
C591	1-124-443-00	ELECT 100uF	20% 10V
C592	1-124-907-11	ELECT 10uF	20% 50V
C593	1-124-907-11	ELECT 10uF	20% 50V
C608	1-161-379-00	CERAMIC 0.01uF	20% 25V
C616	1-161-379-00	CERAMIC 0.01uF	20% 25V
C617	1-164-159-11	CERAMIC 0.1uF	50V
C658	1-161-379-00	CERAMIC 0.01uF	20% 25V
C690	1-164-159-11	CERAMIC 0.1uF	50V
C702	1-126-176-11	ELECT 220uF	20% 10V
C704	1-162-306-11	CERAMIC 0.01uF	20% 16V
C706	1-124-927-11	ELECT 4.7uF	20% 100V

Ref. No.	Part No.	Description	Remark
C707	1-124-478-11	ELECT 100uF	20% 25V
C708	1-124-907-11	ELECT 10uF	20% 50V
C709	1-164-159-11	CERAMIC 0.1uF	50V
C710	1-124-910-11	ELECT 47uF	20% 50V
C711	1-164-159-11	CERAMIC 0.1uF	50V
C712	1-164-159-11	CERAMIC 0.1uF	50V
C801	1-124-907-11	ELECT 10uF	20% 50V
C802	1-162-282-31	CERAMIC 100PF	10% 50V
C803	1-162-282-31	CERAMIC 100PF	10% 50V
C804	1-124-443-00	ELECT 100uF	20% 10V
C806	1-136-165-00	FILM 0.1uF	5% 50V
C807	1-136-165-00	FILM 0.1uF	5% 50V
C808	1-136-165-00	FILM 0.1uF	5% 50V
C809	1-136-165-00	FILM 0.1uF	5% 50V
C811	1-164-159-11	CERAMIC 0.1uF	50V
C821	1-124-907-11	ELECT 10uF	20% 50V
C822	1-162-282-31	CERAMIC 100PF	10% 50V
C823	1-162-282-31	CERAMIC 100PF	10% 50V
C824	1-124-443-00	ELECT 100uF	20% 10V
C828	1-136-165-00	FILM 0.1uF	5% 50V
C829	1-136-165-00	FILM 0.1uF	5% 50V
C851	1-124-907-11	ELECT 10uF	20% 50V
C852	1-162-282-31	CERAMIC 100PF	10% 50V
C853	1-162-282-31	CERAMIC 100PF	10% 50V
C854	1-124-443-00	ELECT 100uF	20% 10V
C856	1-136-165-00	FILM 0.1uF	5% 50V
C857	1-136-165-00	FILM 0.1uF	5% 50V
C858	1-136-165-00	FILM 0.1uF	5% 50V
C859	1-136-165-00	FILM 0.1uF	5% 50V
C861	1-164-159-11	CERAMIC 0.1uF	50V
C871	1-124-907-11	ELECT 10uF	20% 50V
C872	1-162-282-31	CERAMIC 100PF	10% 50V
C873	1-162-282-31	CERAMIC 100PF	10% 50V
C874	1-124-443-00	ELECT 100uF	20% 10V
C878	1-136-165-00	FILM 0.1uF	5% 50V
C879	1-136-165-00	FILM 0.1uF	5% 50V
C881	1-164-159-11	CERAMIC 0.1uF	50V
C901	1-126-224-11	ELECT 4700uF	20% 42V
C902	1-126-224-11	ELECT 4700uF	20% 42V
C903	1-136-171-00	FILM 0.33uF	5% 50V

Ref. No.	Part No.	Description	Remark
C904	1-136-171-00	FILM 0.33uF	5% 50V
C911	1-124-563-11	ELECT 2200uF	20% 25V
C912	1-124-563-11	ELECT 2200uF	20% 25V
C913	1-136-165-00	FILM 0.1uF	5% 50V
C914	1-136-165-00	FILM 0.1uF	5% 50V
C920	1-164-159-11	CERAMIC 0.1uF	50V
C921	1-124-903-11	ELECT 1uF	20% 50V
C922	1-124-443-00	ELECT 100uF	20% 10V
C923	1-124-903-11	ELECT 1uF	20% 50V
C924	1-124-443-00	ELECT 100uF	20% 10V
C925	1-124-903-11	ELECT 1uF	20% 50V
C926	1-124-443-00	ELECT 100uF	20% 10V
C927	1-124-903-11	ELECT 1uF	20% 50V
C928	1-124-443-00	ELECT 100uF	20% 10V
C929	1-124-903-11	ELECT 1uF	20% 50V
C930	1-124-907-11	ELECT 10uF	20% 50V
C931	1-126-105-11	ELECT 1000uF	20% 35V
C932	1-126-105-11	ELECT 1000uF	20% 35V
C933	1-124-907-11	ELECT 10uF	20% 50V
C934	1-124-477-11	ELECT 47uF	20% 25V
C941	1-124-122-11	ELECT 100uF	20% 50V
C942	1-124-907-11	ELECT 10uF	20% 50V
C943	1-124-907-11	ELECT 10uF	20% 50V
C944	1-124-903-11	ELECT 1uF	20% 50V
C951	1-124-122-11	ELECT 100uF	20% 50V
C952	1-124-907-11	ELECT 10uF	20% 50V
C953	1-124-907-11	ELECT 10uF	20% 50V
C954	1-164-159-11	CERAMIC 0.1uF	50V
C961	1-124-477-11	ELECT 47uF	20% 25V
		< CONNECTOR >	
* CN301	1-569-505-11	PIN, CONNECTOR 10P	
CN302	1-568-443-11	SOCKET, CONNECTOR 13P	
CN303	1-573-826-11	CONNECTOR, BOARD TO BOARD 12P	
CN501	1-568-440-11	SOCKET, CONNECTOR 17P	
CN591	1-568-439-11	SOCKET, CONNECTOR 7P	
CN801	1-568-437-11	SOCKET, CONNECTOR 7P	
* CN802	1-573-087-11	PIN, CONNECTOR 13P	
* CN831	1-573-087-11	PIN, CONNECTOR 13P	
CN832	1-566-128-11	CONNECTOR, BOARD TO BOARD 10P	
Δ CN901	1-526-931-11	INLET, AC ($\sim$ AC IN)	
* CN902	1-580-940-11	PIN, CONNECTOR 4P	
* CN904	1-569-502-11	PIN, CONNECTOR 7P	
CN905	1-573-826-11	CONNECTOR, BOARD TO BOARD 12P	
		< DIODE >	
D551	8-719-987-63	DIODE 1N4148M	
D571	8-719-301-37	LED SEL2210S-CD (ON/STANDBY)	
D572	8-719-301-37	LED SEL2210S-CD (WAKE UP VOL SET)	

Ref. No.	Part No.	Description	Remark
D573	8-719-301-37	LED SEL2210S-CD (MUTING)	
D574	8-719-301-37	LED SEL2210S-CD (PHONO)	
D575	8-719-301-37	LED SEL2210S-CD (TUNER)	
D576	8-719-301-37	LED SEL2210S-CD (CD)	
D577	8-719-301-37	LED SEL2210S-CD (DAT)	
D578	8-719-301-37	LED SEL2210S-CD (TAPE)	
D579	8-719-301-37	LED SEL2210S-CD (VIDEO)	
D591	8-719-987-63	DIODE 1N4148M	
D703	8-719-987-63	DIODE 1N4148M	
D704	8-719-987-63	DIODE 1N4148M	
D705	8-719-987-63	DIODE 1N4148M	
D706	8-719-987-63	DIODE 1N4148M	
D791	8-719-987-63	DIODE 1N4148M	
D800	8-719-987-63	DIODE 1N4148M	
D801	8-719-987-63	DIODE 1N4148M	
D802	8-719-987-63	DIODE 1N4148M	
D821	8-719-987-63	DIODE 1N4148M	
D822	8-719-987-63	DIODE 1N4148M	
D851	8-719-987-63	DIODE 1N4148M	
D852	8-719-987-63	DIODE 1N4148M	
D871	8-719-987-63	DIODE 1N4148M	
D872	8-719-987-63	DIODE 1N4148M	
D901	8-719-302-38	DIODE RBV-602-01	
D902	8-719-987-63	DIODE 1N4148M	
D903	8-719-987-63	DIODE 1N4148M	
D911	8-719-200-82	DIODE 11ES2	
D912	8-719-200-82	DIODE 11ES2	
D913	8-719-200-82	DIODE 11ES2	
D914	8-719-200-82	DIODE 11ES2	
D931	8-719-200-82	DIODE 11ES2	
D932	8-719-200-82	DIODE 11ES2	
D941	8-719-200-82	DIODE 11ES2	
D942	8-719-002-67	DIODE UZL-33H	
D943	8-719-987-63	DIODE 1N4148M	
D944	8-719-987-63	DIODE 1N4148M	
D951	8-719-200-82	DIODE 11ES2	
D952	8-719-934-22	DIODE HZS30-2L	
D953	8-719-933-33	DIODE HZS6A1L	
D961	8-719-987-63	DIODE 1N4148M	
D962	8-719-987-63	DIODE 1N4148M	

< FLUORESCENT INDICATOR >

Ref. No.	Part No.	Description	Remark
FL501	1-519-720-11	INDICATOR TUBE, FLUORESCENT	

< IC >

Ref. No.	Part No.	Description	Remark
IC505	8-759-512-44	IC SN755703	
IC506	8-759-512-44	IC SN755703	
IC507	8-759-636-56	IC M66311FP	
IC508	8-759-916-14	IC SN74HC04N	

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

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AC PANEL POWER POWER AMP VOLUME

Ref. No.	Part No.	Description	Remark
IC591	8-759-820-62 IC	LB1639	
IC701	8-759-111-68 IC	uPC1237HA	
IC702	8-759-987-16 IC	LM393P	
IC703	8-759-512-73 IC	LM35DZ-SL	
IC801	8-759-069-56 IC	LM3875-Q	
IC821	8-759-069-56 IC	LM3875-Q	
IC851	8-759-069-56 IC	LM3875-Q	
IC871	8-759-069-56 IC	LM3875-Q	
IC901	8-759-823-46 IC	LA5603	
IC902	8-759-604-39 IC	AN6291	
< JACK >			
J601	1-562-837-21 JACK (HEADPHONES)		
< COIL >			
* L801	1-420-872-00 COIL, AIR CORE		
* L821	1-420-872-00 COIL, AIR CORE		
* L851	1-420-872-00 COIL, AIR CORE		
* L871	1-420-872-00 COIL, AIR CORE		
< LINE FILTER >			
△LF901	1-424-458-11 TRANSFORMER, LINE FILTER (G, IT)		
< TRANSISTOR >			
Q701	8-729-119-76 TRANSISTOR	2SA1175-HFE	
Q781	8-729-620-05 TRANSISTOR	2SC2603-EF	
Q791	8-729-118-01 TRANSISTOR	2SB1116	
Q792	8-729-620-05 TRANSISTOR	2SC2603-EF	
Q801	8-729-140-84 TRANSISTOR	2SC1841-PAFAEA	
Q821	8-729-140-84 TRANSISTOR	2SC1841-PAFAEA	
Q841	8-729-620-05 TRANSISTOR	2SC2603-EF	
Q851	8-729-140-84 TRANSISTOR	2SC1841-PAFAEA	
Q871	8-729-140-84 TRANSISTOR	2SC1841-PAFAEA	
Q921	8-729-620-05 TRANSISTOR	2SC2603-EF	
Q941	8-729-111-29 TRANSISTOR	2SD1616A-K	
Q942	8-729-620-05 TRANSISTOR	2SC2603-EF	
Q943	8-729-111-29 TRANSISTOR	2SD1616A-K	
Q951	8-729-118-01 TRANSISTOR	2SB1116	
Q961	8-729-111-29 TRANSISTOR	2SD1616A-K	
< RESISTOR >			
R551	1-249-423-11 CARBON	3.3K 5% 1/4W	
R552	1-249-413-11 CARBON	470 5% 1/4W	
R553	1-249-415-11 CARBON	680 5% 1/4W	
R554	1-249-417-11 CARBON	1K 5% 1/4W	
R555	1-249-419-11 CARBON	1.5K 5% 1/4W	
R561	1-249-423-11 CARBON	3.3K 5% 1/4W	
R562	1-249-413-11 CARBON	470 5% 1/4W	
R563	1-249-415-11 CARBON	680 5% 1/4W	

Ref. No.	Part No.	Description	Remark
R564	1-249-417-11 CARBON	1K 5% 1/4W	
R565	1-249-419-11 CARBON	1.5K 5% 1/4W	
R566	1-249-421-11 CARBON	2.2K 5% 1/4W	
R571	1-249-411-11 CARBON	330 5% 1/4W	
R572	1-249-411-11 CARBON	330 5% 1/4W	
R573	1-249-411-11 CARBON	330 5% 1/4W	
R574	1-249-411-11 CARBON	330 5% 1/4W	
R581	1-249-417-11 CARBON	1K 5% 1/4W	
R582	1-249-417-11 CARBON	1K 5% 1/4W	
R583	1-249-417-11 CARBON	1K 5% 1/4W	
R584	1-249-417-11 CARBON	1K 5% 1/4W	
R585	1-249-417-11 CARBON	1K 5% 1/4W	
R586	1-249-417-11 CARBON	1K 5% 1/4W	
R587	1-249-417-11 CARBON	1K 5% 1/4W	
R588	1-249-441-11 CARBON	100K 5% 1/4W	
R589	1-249-417-11 CARBON	1K 5% 1/4W	
R591	1-249-417-11 CARBON	1K 5% 1/4W	
R592	1-249-417-11 CARBON	1K 5% 1/4W	
R593	1-249-414-11 CARBON	560 5% 1/4W	
R594	1-249-431-11 CARBON	15K 5% 1/4W	
R608	1-249-399-11 CARBON	33 5% 1/4W	
R619	1-249-429-11 CARBON	10K 5% 1/4W	
R658	1-249-399-11 CARBON	33 5% 1/4W	
R701	1-249-433-11 CARBON	22K 5% 1/4W	
R702	1-249-441-11 CARBON	100K 5% 1/4W	
R703	1-249-433-11 CARBON	22K 5% 1/4W	
R704	1-249-433-11 CARBON	22K 5% 1/4W	
R705	1-249-429-11 CARBON	10K 5% 1/4W	
R706	1-249-441-11 CARBON	100K 5% 1/4W	
R707	1-249-429-11 CARBON	10K 5% 1/4W	
R708	1-249-424-11 CARBON	3.9K 5% 1/4W	
R709	1-249-427-11 CARBON	6.8K 5% 1/4W	
R710	1-249-429-11 CARBON	10K 5% 1/4W	
R711	1-249-417-11 CARBON	1K 5% 1/4W	
R712	1-249-436-11 CARBON	39K 5% 1/4W	
R713	1-249-441-11 CARBON	100K 5% 1/4W	
R714	1-249-417-11 CARBON	1K 5% 1/4W	
△R715	1-212-857-00 FUSIBLE	10 5% 1/4W F	
△R717	1-212-982-00 FUSIBLE	100 5% 1/2W F	
R781	1-249-429-11 CARBON	10K 5% 1/4W	
R782	1-249-405-11 CARBON	100 5% 1/4W	
R791	1-249-417-11 CARBON	1K 5% 1/4W	
R792	1-249-429-11 CARBON	10K 5% 1/4W	
R793	1-249-441-11 CARBON	100K 5% 1/4W	
R794	1-249-433-11 CARBON	22K 5% 1/4W	
△R800	1-212-982-00 FUSIBLE	100 5% 1/2W F	
R801	1-249-417-11 CARBON	1K 5% 1/4W	
R802	1-249-429-11 CARBON	10K 5% 1/4W	
R803	1-249-417-11 CARBON	1K 5% 1/4W	

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AC

PANEL

POWER

POWER AMP

VOLUME

AUDIO

Ref. No.	Part No.	Description	Part No.	Remark
R804	1-249-429-11	CARBON	10K 5% 1/4W	
△R805	1-217-151-00	RES, METAL PLATE	0.22 5% 1/2W	
R806	1-249-417-11	CARBON	1K 5% 1/4W	
R807	1-249-431-11	CARBON	15K 5% 1/4W	
R808	1-249-441-11	CARBON	100K 5% 1/4W	
△R809	1-212-958-00	FUSIBLE	10 5% 1/2W F	
R810	1-249-439-11	CARBON	68K 5% 1/4W	
R811	1-249-429-11	CARBON	10K 5% 1/4W	
R821	1-249-417-11	CARBON	1K 5% 1/4W	
R822	1-249-429-11	CARBON	10K 5% 1/4W	
R823	1-249-414-11	CARBON	560 5% 1/4W	
R824	1-249-429-11	CARBON	10K 5% 1/4W	
△R825	1-217-151-00	RES, METAL PLATE	0.22 5% 1/2W	
R826	1-249-417-11	CARBON	1K 5% 1/4W	
R827	1-249-431-11	CARBON	15K 5% 1/4W	
R828	1-249-441-11	CARBON	100K 5% 1/4W	
△R829	1-212-958-00	FUSIBLE	10 5% 1/2W F	
R830	1-249-437-11	CARBON	47K 5% 1/4W	
R831	1-249-429-11	CARBON	10K 5% 1/4W	
R841	1-249-441-11	CARBON	100K 5% 1/4W	
R842	1-249-405-11	CARBON	100 5% 1/4W	
R851	1-249-417-11	CARBON	1K 5% 1/4W	
R852	1-249-429-11	CARBON	10K 5% 1/4W	
R853	1-249-417-11	CARBON	1K 5% 1/4W	
R854	1-249-429-11	CARBON	10K 5% 1/4W	
△R855	1-217-151-00	RES, METAL PLATE	0.22 5% 1/2W	
R856	1-249-417-11	CARBON	1K 5% 1/4W	
R857	1-249-431-11	CARBON	15K 5% 1/4W	
R858	1-249-441-11	CARBON	100K 5% 1/4W	
△R859	1-212-958-00	FUSIBLE	10 5% 1/2W F	
R860	1-249-438-11	CARBON	56K 5% 1/4W	
R861	1-249-429-11	CARBON	10K 5% 1/4W	
R871	1-249-417-11	CARBON	1K 5% 1/4W	
R872	1-249-429-11	CARBON	10K 5% 1/4W	
R873	1-249-414-11	CARBON	560 5% 1/4W	
R874	1-249-429-11	CARBON	10K 5% 1/4W	
△R875	1-217-151-00	RES, METAL PLATE	0.22 5% 1/2W	
R876	1-249-417-11	CARBON	1K 5% 1/4W	
R877	1-249-431-11	CARBON	15K 5% 1/4W	
R878	1-249-441-11	CARBON	100K 5% 1/4W	
△R879	1-212-958-00	FUSIBLE	10 5% 1/2W F	
R880	1-249-436-11	CARBON	39K 5% 1/4W	
R881	1-249-429-11	CARBON	10K 5% 1/4W	
R902	1-249-429-11	CARBON	10K 5% 1/4W	
△R911	1-219-134-11	FUSIBLE	0.1 5% 1/4W F	
△R912	1-219-134-11	FUSIBLE	0.1 5% 1/4W F	
R921	1-249-437-11	CARBON	47K 5% 1/4W	
R922	1-249-405-11	CARBON	100 5% 1/4W	
R923	1-249-429-11	CARBON	10K 5% 1/4W	

Ref. No.	Part No.	Description	Part No.	Remark
R941	1-249-429-11	CARBON	10K 5% 1/4W	
△R942	1-212-942-00	FUSIBLE	2.2 5% 1/2W F	
R943	1-249-417-11	CARBON	1K 5% 1/4W	
R944	1-249-429-11	CARBON	10K 5% 1/4W	
R945	1-249-441-11	CARBON	100K 5% 1/4W	
R946	1-249-441-11	CARBON	100K 5% 1/4W	
R947	1-249-417-11	CARBON	1K 5% 1/4W	
R951	1-249-429-11	CARBON	10K 5% 1/4W	
R952	1-249-425-11	CARBON	4.7K 5% 1/4W	
R953	1-249-405-11	CARBON	100 5% 1/4W	
R961	1-249-429-11	CARBON	10K 5% 1/4W	
< VARIABLE RESISTOR >				
RV591	1-241-803-11	RES, VAR, CARBON (WITH MOTOR)	10K (VOLUME)	
< RELAY >				
RY801	1-515-790-11	RELAY		
RY802	1-515-790-11	RELAY		
RY901	1-515-626-11	RELAY		
RY902	1-515-626-11	RELAY		
< SWITCH >				
S551	1-554-303-21	SWITCH, TACTILE (SYSTEM POWER)		
S552	1-554-303-21	SWITCH, TACTILE (FUNCTION MAX >)		
S553	1-554-303-21	SWITCH, TACTILE (FUNCTION < MIN)		
S554	1-554-303-21	SWITCH, TACTILE (WAKE UP VOL SET)		
S555	1-554-303-21	SWITCH, TACTILE (DISPLAY)		
S561	1-554-303-21	SWITCH, TACTILE (MUTING)		
S562	1-554-303-21	SWITCH, TACTILE (DIRECT)		
S563	1-554-303-21	SWITCH, TACTILE (MUSIC)		
S564	1-554-303-21	SWITCH, TACTILE (T. P. O.)		
S565	1-554-303-21	SWITCH, TACTILE (TOTAL EFFECT +)		
S566	1-554-303-21	SWITCH, TACTILE (TOTAL EFFECT -)		

*I	A-4347-175-A	AUDIO BOARD, COMPLETE (AEP, UK)		
*I	A-4347-176-A	AUDIO BOARD, COMPLETE (G, IT)		

< CAPACITOR >				
C101	1-163-117-00	CERAMIC CHIP	100PF 50V	
C102	1-163-109-00	CERAMIC CHIP	47PF 50V	
C103	1-163-031-11	CERAMIC CHIP	0.01uF 50V	
C121	1-164-346-11	CERAMIC CHIP	1uF 16V	
C122	1-164-346-11	CERAMIC CHIP	1uF 16V	
C123	1-163-031-11	CERAMIC CHIP	0.01uF 50V	
C124	1-163-031-11	CERAMIC CHIP	0.01uF 50V	
C141	1-126-157-11	ELECT	10uF 20%	
C151	1-163-117-00	CERAMIC CHIP	100PF 50V	

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

AUDIO

VOLUME

POWER AMP

POWER

PANEL

CA

Ref. No.	Part No.	Description	Remark
C152	1-163-109-00	CERAMIC CHIP 47PF 5% 50V	
C153	1-163-031-11	CERAMIC CHIP 0.01uF 5% 50V	
C201	1-124-907-11	ELECT 10uF 20% 50V	
C202	1-163-117-00	CERAMIC CHIP 100PF 5% 50V	
C203	1-124-907-11	ELECT 10uF 20% 50V	
C204	1-163-117-00	CERAMIC CHIP 100PF 5% 50V	
C205	1-163-117-00	CERAMIC CHIP 100PF 5% 50V	
C206	1-163-117-00	CERAMIC CHIP 100PF 5% 50V	
C207	1-164-346-11	CERAMIC CHIP 1uF 16V	
C208	1-164-346-11	CERAMIC CHIP 1uF 16V	
C210	1-124-443-00	ELECT 100uF 20% 10V	
C211	1-164-489-11	CERAMIC CHIP 0.22uF 10% 16V	
C212	1-164-004-11	CERAMIC CHIP 0.1uF 10% 25V	
C213	1-163-809-11	CERAMIC CHIP 0.047uF 10% 25V	
C214	1-163-024-00	CERAMIC CHIP 0.018uF 10% 50V	
C215	1-163-019-00	CERAMIC CHIP 0.0068uF 10% 50V	
C216	1-163-014-00	CERAMIC CHIP 0.0027uF 10% 50V	
C217	1-163-010-11	CERAMIC CHIP 0.0012uF 10% 50V	
C221	1-164-489-11	CERAMIC CHIP 0.22uF 10% 16V	
C222	1-164-343-11	CERAMIC CHIP 0.056uF 10% 25V	
C223	1-163-037-11	CERAMIC CHIP 0.022uF 10% 25V	
C224	1-164-232-11	CERAMIC CHIP 0.01uF 50V	
C225	1-163-016-00	CERAMIC CHIP 0.0039uF 10% 50V	
C226	1-163-011-11	CERAMIC CHIP 0.0015uF 10% 50V	
C227	1-163-007-11	CERAMIC CHIP 680PF 10% 50V	
C231	1-163-117-00	CERAMIC CHIP 100PF 5% 50V	
C232	1-163-117-00	CERAMIC CHIP 100PF 5% 50V	
C233	1-124-443-00	ELECT 100uF 20% 10V	
C234	1-163-031-11	CERAMIC CHIP 0.01uF 5% 50V	
C251	1-124-907-11	ELECT 10uF 20% 50V	
C252	1-163-117-00	CERAMIC CHIP 100PF 5% 50V	
C253	1-124-907-11	ELECT 10uF 20% 50V	
C254	1-163-117-00	CERAMIC CHIP 100PF 5% 50V	
C255	1-163-117-00	CERAMIC CHIP 100PF 5% 50V	
C256	1-163-117-00	CERAMIC CHIP 100PF 5% 50V	
C257	1-164-346-11	CERAMIC CHIP 1uF 16V	
C258	1-164-346-11	CERAMIC CHIP 1uF 16V	
C261	1-164-489-11	CERAMIC CHIP 0.22uF 10% 16V	
C262	1-164-004-11	CERAMIC CHIP 0.1uF 10% 25V	
C263	1-163-809-11	CERAMIC CHIP 0.047uF 10% 25V	
C264	1-163-024-00	CERAMIC CHIP 0.018uF 10% 50V	
C265	1-163-019-00	CERAMIC CHIP 0.0068uF 10% 50V	
C266	1-163-014-00	CERAMIC CHIP 0.0027uF 10% 50V	
C267	1-163-010-11	CERAMIC CHIP 0.0012uF 10% 50V	
C271	1-164-489-11	CERAMIC CHIP 0.22uF 10% 16V	
C272	1-164-343-11	CERAMIC CHIP 0.056uF 10% 25V	
C273	1-163-037-11	CERAMIC CHIP 0.022uF 10% 25V	
C274	1-164-232-11	CERAMIC CHIP 0.01uF 50V	
C275	1-163-016-00	CERAMIC CHIP 0.0039uF 10% 50V	

Ref. No.	Part No.	Description	Remark
C276	1-163-011-11	CERAMIC CHIP 0.0015uF 10% 50V	
C277	1-163-007-11	CERAMIC CHIP 680PF 10% 50V	
C281	1-163-117-00	CERAMIC CHIP 100PF 5% 50V	
C282	1-163-117-00	CERAMIC CHIP 100PF 5% 50V	
C291	1-124-443-00	ELECT 100uF 20% 10V	
C292	1-124-443-00	ELECT 100uF 20% 10V	
C293	1-124-443-00	ELECT 100uF 20% 10V	
C294	1-124-443-00	ELECT 100uF 20% 10V	
C295	1-124-443-00	ELECT 100uF 20% 10V	
C301	1-136-165-00	FILM 0.1uF 5% 50V	
C302	1-136-165-00	FILM 0.1uF 5% 50V	
C304	1-124-903-11	ELECT 1uF 20% 50V	
C305	1-163-117-00	CERAMIC CHIP 100PF 5% 50V	
C307	1-124-443-00	ELECT 100uF 20% 10V	
C309	1-124-907-11	ELECT 10uF 20% 50V	
C310	1-163-031-11	CERAMIC CHIP 0.01uF 5% 50V	
C311	1-163-031-11	CERAMIC CHIP 0.01uF 5% 50V	
C331	1-124-463-00	ELECT 0.1uF 20% 50V	
C351	1-136-165-00	FILM 0.1uF 5% 50V	
C352	1-136-165-00	FILM 0.1uF 5% 50V	
C354	1-124-903-11	ELECT 1uF 20% 50V	
C355	1-163-117-00	CERAMIC CHIP 100PF 5% 50V	
C357	1-124-443-00	ELECT 100uF 20% 10V	
C359	1-124-907-11	ELECT 10uF 20% 50V	
C360	1-163-031-11	CERAMIC CHIP 0.01uF 5% 50V	
C361	1-163-031-11	CERAMIC CHIP 0.01uF 5% 50V	
C411	1-136-157-00	FILM 0.022uF 5% 50V	
C412	1-136-157-00	FILM 0.022uF 5% 50V	
C413	1-163-101-00	CERAMIC CHIP 22PF 5% 50V	
C414	1-163-031-11	CERAMIC CHIP 0.01uF 5% 50V	
C415	1-136-165-00	FILM 0.1uF 5% 50V	
C423	1-136-165-00	FILM 0.1uF 5% 50V	
C424	1-163-031-11	CERAMIC CHIP 0.01uF 5% 50V	
C425	1-124-907-11	ELECT 10uF 20% 50V	
C461	1-136-157-00	FILM 0.022uF 5% 50V	
C462	1-136-157-00	FILM 0.022uF 5% 50V	
C463	1-163-101-00	CERAMIC CHIP 22PF 5% 50V	
C464	1-163-031-11	CERAMIC CHIP 0.01uF 5% 50V	
C465	1-136-165-00	FILM 0.1uF 5% 50V	
C473	1-136-165-00	FILM 0.1uF 5% 50V	
C474	1-163-031-11	CERAMIC CHIP 0.01uF 5% 50V	
C475	1-124-907-11	ELECT 10uF 20% 50V	
C501	1-124-443-00	ELECT 100uF 20% 10V	
C502	1-163-038-00	CERAMIC CHIP 0.1uF 5% 25V	
C503	1-163-038-00	CERAMIC CHIP 0.1uF 5% 25V	
C504	1-163-038-00	CERAMIC CHIP 0.1uF 5% 25V	
C505	1-163-038-00	CERAMIC CHIP 0.1uF 5% 25V	
C506	1-163-031-11	CERAMIC CHIP 0.01uF 5% 50V	
C511	1-163-009-11	CERAMIC CHIP 0.001uF 10% 50V	

Ref. No.	Part No.	Description	Remark
C512	1-124-443-00	ELECT 100uF 20% 10V	
C513	1-124-443-00	ELECT 100uF 20% 10V	
C514	1-163-031-11	CERAMIC CHIP 0.01uF 5% 50V	
C515	1-163-031-11	CERAMIC CHIP 0.01uF 5% 50V	
C521	1-163-038-00	CERAMIC CHIP 0.1uF 5% 25V	
C522	1-163-038-00	CERAMIC CHIP 0.1uF 5% 25V	
C523	1-163-009-11	CERAMIC CHIP 0.001uF 10% 50V	
C524	1-163-009-11	CERAMIC CHIP 0.001uF 10% 50V	
C525	1-163-038-00	CERAMIC CHIP 0.1uF 5% 25V	
C526	1-163-038-00	CERAMIC CHIP 0.1uF 5% 25V	
C531	1-163-001-11	CERAMIC CHIP 220PF 10% 50V	
C541	1-124-443-00	ELECT 100uF 20% 10V	
C542	1-163-009-11	CERAMIC CHIP 0.001uF 10% 50V	
C543	1-163-038-00	CERAMIC CHIP 0.1uF 5% 25V	
C601	1-124-907-11	ELECT 10uF 20% 50V	
C602	1-124-443-00	ELECT 100uF 20% 10V	
C603	1-163-117-00	CERAMIC CHIP 100PF 5% 50V	
C604	1-126-926-11	ELECT 1000uF 20% 10V	
C605	1-163-117-00	CERAMIC CHIP 100PF 5% 50V	
C607	1-163-117-00	CERAMIC CHIP 100PF 5% 50V	
C651	1-124-907-11	ELECT 10uF 20% 50V	
C652	1-124-443-00	ELECT 100uF 20% 10V	
C653	1-163-117-00	CERAMIC CHIP 100PF 5% 50V	
C654	1-126-926-11	ELECT 1000uF 20% 10V	
C655	1-163-117-00	CERAMIC CHIP 100PF 5% 50V	
C657	1-163-117-00	CERAMIC CHIP 100PF 5% 50V	
CN201	1-566-128-11	CONNECTOR, BOARD TO BOARD 10P	
CN202	1-568-437-11	SOCKET, CONNECTOR 7P	
CN203	1-568-443-11	SOCKET, CONNECTOR 13P	
CN204	1-573-826-11	CONNECTOR, BOARD TO BOARD 12P	
CN205	1-573-826-11	CONNECTOR, BOARD TO BOARD 12P	
D231	8-719-801-78	DIODE 1SS184	
D291	8-719-801-78	DIODE 1SS184	
D292	8-719-801-78	DIODE 1SS184	
D341	8-719-801-78	DIODE 1SS184	
D342	8-719-801-78	DIODE 1SS184	
D501	8-719-801-78	DIODE 1SS184	
D502	8-719-801-78	DIODE 1SS184	
D503	8-719-801-78	DIODE 1SS184	
D504	8-719-801-78	DIODE 1SS184	
D511	8-719-801-78	DIODE 1SS184	
D512	8-719-801-78	DIODE 1SS184	
D541	8-719-801-78	DIODE 1SS184	
D601	8-719-801-78	DIODE 1SS184	

Ref. No.	Part No.	Description	Remark
IC101	8-759-636-55	IC M5218AFP	
IC103	8-759-516-40	IC CD4051BCM	
IC201	8-759-636-57	IC CXA1492Q	
IC301	8-759-636-55	IC M5218AFP	
IC302	8-759-516-43	IC CD4053BCM	
IC303	8-759-516-41	IC CD4052BCM	
IC411	8-759-636-55	IC M5218AFP	
IC421	8-759-636-55	IC M5218AFP	
IC501	8-759-074-78	IC uPD78134GF-051-3B9	
IC502	8-759-500-31	IC X24C01P	
IC503	8-759-516-41	IC CD4052BCM	
IC504	8-759-991-11	IC XR1091DCP	
IC601	8-759-636-55	IC M5218AFP	
JR1	1-216-296-00	METAL CHIP 0 5% 1/8W	
JR2	1-216-296-00	METAL CHIP 0 5% 1/8W	
JR5	1-216-296-00	METAL CHIP 0 5% 1/8W	
JR6	1-216-296-00	METAL CHIP 0 5% 1/8W	
JR7	1-216-296-00	METAL CHIP 0 5% 1/8W	
JR8	1-216-296-00	METAL CHIP 0 5% 1/8W	
JR501	1-216-295-00	METAL CHIP 0 5% 1/10W	
JR503	1-216-295-00	METAL CHIP 0 5% 1/10W	
Q231	8-729-620-06	TRANSISTOR 2SC3052-EF	
Q232	8-729-620-06	TRANSISTOR 2SC3052-EF	
Q291	8-729-620-06	TRANSISTOR 2SC3052-EF	
Q292	8-729-600-22	TRANSISTOR 2SA1235-F	
Q311	8-729-620-06	TRANSISTOR 2SC3052-EF	
Q341	8-729-620-06	TRANSISTOR 2SC3052-EF	
Q342	8-729-620-06	TRANSISTOR 2SC3052-EF	
Q361	8-729-620-06	TRANSISTOR 2SC3052-EF	
Q391	8-729-620-06	TRANSISTOR 2SC3052-EF	
Q501	8-729-620-06	TRANSISTOR 2SC3052-EF	
Q502	8-729-805-67	TRANSISTOR 2SA1342	
Q504	8-729-805-67	TRANSISTOR 2SA1342	
Q506	8-729-805-43	TRANSISTOR 2SC3396	
Q507	8-729-805-40	TRANSISTOR 2SC3900	
Q601	8-729-620-06	TRANSISTOR 2SC3052-EF	
Q651	8-729-620-06	TRANSISTOR 2SC3052-EF	
R101	1-216-089-00	METAL CHIP 47K 5% 1/10W	
R102	1-216-085-00	METAL CHIP 33K 5% 1/10W	
R114	1-216-085-00	METAL CHIP 33K 5% 1/10W	
R121	1-216-121-00	METAL CHIP 1M 5% 1/10W	

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

AUDIO

AUDIO

Ref. No.	Part No.	Description	Remark
R122	1-216-121-00	METAL CHIP 1M 5%	1/10W
R130	1-216-065-00	METAL CHIP 4.7K 5%	1/10W
R131	1-216-089-00	METAL CHIP 47K 5%	1/10W
R132	1-216-085-00	METAL CHIP 33K 5%	1/10W
R133	1-216-081-00	METAL CHIP 22K 5%	1/10W
R134	1-216-077-00	METAL CHIP 15K 5%	1/10W
R135	1-216-073-00	METAL CHIP 10K 5%	1/10W
R136	1-216-071-00	METAL CHIP 8.2K 5%	1/10W
R137	1-216-069-00	METAL CHIP 6.8K 5%	1/10W
R138	1-216-061-00	METAL CHIP 3.3K 5%	1/10W
R141	1-216-049-00	METAL CHIP 1K 5%	1/10W
R151	1-216-089-00	METAL CHIP 47K 5%	1/10W
R152	1-216-085-00	METAL CHIP 33K 5%	1/10W
R164	1-216-085-00	METAL CHIP 33K 5%	1/10W
R201	1-216-069-00	METAL CHIP 6.8K 5%	1/10W
R202	1-216-073-00	METAL CHIP 10K 5%	1/10W
R203	1-216-073-00	METAL CHIP 10K 5%	1/10W
R204	1-216-049-00	METAL CHIP 1K 5%	1/10W
R205	1-216-073-00	METAL CHIP 10K 5%	1/10W
R206	1-216-073-00	METAL CHIP 10K 5%	1/10W
R207	1-216-049-00	METAL CHIP 1K 5%	1/10W
R208	1-216-049-00	METAL CHIP 1K 5%	1/10W
R209	1-216-049-00	METAL CHIP 1K 5%	1/10W
R210	1-216-049-00	METAL CHIP 1K 5%	1/10W
R211	1-216-121-00	METAL CHIP 1M 5%	1/10W
R212	1-216-121-00	METAL CHIP 1M 5%	1/10W
R213	1-216-121-00	METAL CHIP 1M 5%	1/10W
R214	1-216-121-00	METAL CHIP 1M 5%	1/10W
R215	1-216-121-00	METAL CHIP 1M 5%	1/10W
R216	1-216-121-00	METAL CHIP 1M 5%	1/10W
R217	1-216-121-00	METAL CHIP 1M 5%	1/10W
R231	1-216-073-00	METAL CHIP 10K 5%	1/10W
R232	1-216-085-00	METAL CHIP 33K 5%	1/10W
R233	1-216-049-00	METAL CHIP 1K 5%	1/10W
R234	1-216-097-00	METAL CHIP 100K 5%	1/10W
R235	1-216-049-00	METAL CHIP 1K 5%	1/10W
R236	1-216-049-00	METAL CHIP 1K 5%	1/10W
R237	1-216-049-00	METAL CHIP 1K 5%	1/10W
R238	1-216-049-00	METAL CHIP 1K 5%	1/10W
R240	1-216-295-00	METAL CHIP 0 5%	1/10W
R251	1-216-069-00	METAL CHIP 6.8K 5%	1/10W
R252	1-216-073-00	METAL CHIP 10K 5%	1/10W
R253	1-216-073-00	METAL CHIP 10K 5%	1/10W
R254	1-216-049-00	METAL CHIP 1K 5%	1/10W
R255	1-216-073-00	METAL CHIP 10K 5%	1/10W
R256	1-216-073-00	METAL CHIP 10K 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

Ref. No.	Part No.	Description	Remark
R264	1-216-121-00	METAL CHIP 1M 5%	1/10W
R265	1-216-121-00	METAL CHIP 1M 5%	1/10W
R266	1-216-121-00	METAL CHIP 1M 5%	1/10W
R267	1-216-121-00	METAL CHIP 1M 5%	1/10W
R281	1-216-073-00	METAL CHIP 10K 5%	1/10W
R282	1-216-085-00	METAL CHIP 33K 5%	1/10W
R283	1-216-049-00	METAL CHIP 1K 5%	1/10W
R291	1-216-049-00	METAL CHIP 1K 5%	1/10W
R292	1-216-049-00	METAL CHIP 1K 5%	1/10W
R301	1-216-057-00	METAL CHIP 2.2K 5%	1/10W
R302	1-216-109-00	METAL CHIP 330K 5%	1/10W
R303	1-216-295-00	METAL CHIP 0 5%	1/10W
R304	1-216-079-00	METAL CHIP 18K 5%	1/10W
R308	1-216-105-00	METAL CHIP 220K 5%	1/10W
R309	1-216-085-00	METAL CHIP 33K 5%	1/10W
R312	1-216-095-00	METAL CHIP 82K 5%	1/10W
R313	1-216-105-00	METAL CHIP 220K 5%	1/10W
R315	1-216-121-00	METAL CHIP 1M 5%	1/10W
R316	1-216-097-00	METAL CHIP 100K 5%	1/10W
R331	1-216-097-00	METAL CHIP 100K 5%	1/10W
R341	1-216-121-00	METAL CHIP 1M 5%	1/10W
R342	1-216-049-00	METAL CHIP 1K 5%	1/10W
R343	1-216-049-00	METAL CHIP 1K 5%	1/10W
R344	1-216-097-00	METAL CHIP 100K 5%	1/10W
R345	1-216-073-00	METAL CHIP 10K 5%	1/10W
R351	1-216-057-00	METAL CHIP 2.2K 5%	1/10W
R352	1-216-109-00	METAL CHIP 330K 5%	1/10W
R353	1-216-295-00	METAL CHIP 0 5%	1/10W
R354	1-216-079-00	METAL CHIP 18K 5%	1/10W
R358	1-216-105-00	METAL CHIP 220K 5%	1/10W
R359	1-216-085-00	METAL CHIP 33K 5%	1/10W
R362	1-216-095-00	METAL CHIP 82K 5%	1/10W
R363	1-216-105-00	METAL CHIP 220K 5%	1/10W
R365	1-216-121-00	METAL CHIP 1M 5%	1/10W
R366	1-216-097-00	METAL CHIP 100K 5%	1/10W
R391	1-216-121-00	METAL CHIP 1M 5%	1/10W
R392	1-216-049-00	METAL CHIP 1K 5%	1/10W
R393	1-216-049-00	METAL CHIP 1K 5%	1/10W
R411	1-216-079-00	METAL CHIP 18K 5%	1/10W
R412	1-216-097-00	METAL CHIP 100K 5%	1/10W
R413	1-216-076-00	METAL CHIP 13K 5%	1/10W
R421	1-216-295-00	METAL CHIP 0 5%	1/10W
R422	1-216-295-00	METAL CHIP 0 5%	1/10W
R423	1-216-079-00	METAL CHIP 18K 5%	1/10W
R424	1-216-121-00	METAL CHIP 1M 5%	1/10W
R461	1-216-079-00	METAL CHIP 18K 5%	1/10W
R462	1-216-097-00	METAL CHIP 100K 5%	1/10W
R463	1-216-076-00	METAL CHIP 13K 5%	1/10W
R471	1-216-295-00	METAL CHIP 0 5%	1/10W

AUDIO

BRIDGE

CONNECTOR (A)

CONNECTOR (B)

JACK

SPEAKER

TRANSFORMER (A)

TRANSFORMER (B)

TRANSFORMER (C)

Ref. No.	Part No.	Description	Remark
R472	1-216-295-00	METAL CHIP 0 5%	1/10W
R473	1-216-079-00	METAL CHIP 18K 5%	1/10W
R474	1-216-121-00	METAL CHIP 1M 5%	1/10W
R501	1-216-121-00	METAL CHIP 1M 5%	1/10W
R502	1-216-073-00	METAL CHIP 10K 5%	1/10W
R503	1-216-073-00	METAL CHIP 10K 5%	1/10W
R504	1-216-049-00	METAL CHIP 1K 5%	1/10W
R505	1-216-073-00	METAL CHIP 10K 5%	1/10W
R506	1-216-089-00	METAL CHIP 47K 5%	1/10W
R507	1-216-089-00	METAL CHIP 47K 5%	1/10W
R508	1-216-073-00	METAL CHIP 10K 5%	1/10W
R509	1-216-089-00	METAL CHIP 47K 5%	1/10W
R510	1-216-049-00	METAL CHIP 1K 5%	1/10W
R511	1-216-053-00	METAL CHIP 1.5K 5%	1/10W
R512	1-216-049-00	METAL CHIP 1K 5%	1/10W
R513	1-216-009-00	METAL CHIP 22 5%	1/10W
R514	1-216-009-00	METAL CHIP 22 5%	1/10W
R521	1-216-049-00	METAL CHIP 1K 5%	1/10W
R522	1-216-049-00	METAL CHIP 1K 5%	1/10W
R523	1-216-049-00	METAL CHIP 1K 5%	1/10W
R524	1-216-049-00	METAL CHIP 1K 5%	1/10W
R525	1-216-049-00	METAL CHIP 1K 5%	1/10W
R526	1-216-049-00	METAL CHIP 1K 5%	1/10W
R527	1-216-049-00	METAL CHIP 1K 5%	1/10W
R531	1-216-049-00	METAL CHIP 1K 5%	1/10W
R532	1-216-049-00	METAL CHIP 1K 5%	1/10W
R533	1-216-049-00	METAL CHIP 1K 5%	1/10W
R534	1-216-049-00	METAL CHIP 1K 5%	1/10W
R535	1-216-049-00	METAL CHIP 1K 5%	1/10W
R536	1-216-049-00	METAL CHIP 1K 5%	1/10W
R537	1-216-049-00	METAL CHIP 1K 5%	1/10W
R538	1-216-049-00	METAL CHIP 1K 5%	1/10W
R541	1-216-057-00	METAL CHIP 2.2K 5%	1/10W
R542	1-216-097-00	METAL CHIP 100K 5%	1/10W
R543	1-216-049-00	METAL CHIP 1K 5%	1/10W
R601	1-216-075-00	METAL CHIP 12K 5%	1/10W
R602	1-216-057-00	METAL CHIP 2.2K 5%	1/10W
R603	1-216-075-00	METAL CHIP 12K 5%	1/10W
R604	1-216-017-00	METAL CHIP 47 5%	1/10W
R605	1-216-049-00	METAL CHIP 1K 5%	1/10W
R606	1-216-049-00	METAL CHIP 1K 5%	1/10W
R607	1-216-121-00	METAL CHIP 1M 5%	1/10W
R608	1-216-097-00	METAL CHIP 100K 5%	1/10W
R651	1-216-075-00	METAL CHIP 12K 5%	1/10W
R652	1-216-057-00	METAL CHIP 2.2K 5%	1/10W
R653	1-216-075-00	METAL CHIP 12K 5%	1/10W
R654	1-216-017-00	METAL CHIP 47 5%	1/10W
R655	1-216-049-00	METAL CHIP 1K 5%	1/10W
R656	1-216-049-00	METAL CHIP 1K 5%	1/10W

Ref. No.	Part No.	Description	Remark
R657	1-216-121-00	METAL CHIP 1M 5%	1/10W
R658	1-216-097-00	METAL CHIP 100K 5%	1/10W
< VIBRATOR >			
X501	1-577-364-11	VIBRATOR, CERAMIC (12MHz)	

< BRIDGE BOARD >			

< CONNECTOR (A) BOARD >			

< CONNECTOR (B) BOARD >			

< JACK BOARD >			

< SPEAKER BOARD >			

< TRANSFORMER (A) BOARD >			

< TRANSFORMER (B) BOARD >			

< TRANSFORMER (C) BOARD >			

< CAPACITOR >			
C401	1-162-282-31	CERAMIC 100PF 10% 50V	
C451	1-162-282-31	CERAMIC 100PF 10% 50V	
C891	1-164-159-11	CERAMIC 0.1uF 50V(G, IT)	
C892	1-164-159-11	CERAMIC 0.1uF 50V(G, IT)	
C893	1-164-159-11	CERAMIC 0.1uF 50V(G, IT)	
C894	1-164-159-11	CERAMIC 0.1uF 50V(G, IT)	
< CONNECTOR >			
CN101	1-563-311-11	CONNECTOR, BOARD TO BOARD 10P	
CN102	1-573-826-11	CONNECTOR, BOARD TO BOARD 12P	
* CN311	1-573-844-11	CONNECTOR, BOARD TO BOARD 12P	
* CN312	1-573-844-11	CONNECTOR, BOARD TO BOARD 12P	
* CN401	1-573-844-11	CONNECTOR, BOARD TO BOARD 12P	
* CN402	1-573-844-11	CONNECTOR, BOARD TO BOARD 12P	
* CN403	1-573-844-11	CONNECTOR, BOARD TO BOARD 12P	
CN404	1-568-438-11	SOCKET, CONNECTOR 17P	
CN405	1-568-437-11	SOCKET, CONNECTOR 7P	
* CN411	1-580-739-11	SOCKET, CONNECTOR 15P(SYSTEM CONTROL 1)	
* CN412	1-580-740-11	SOCKET, CONNECTOR 17P(SYSTEM CONTROL 2)	
CN701	1-563-311-11	CONNECTOR, BOARD TO BOARD 10P	
* CN702	1-564-518-11	PLUG, CONNECTOR 3P	
CN821	1-573-094-11	SOCKET, CONNECTOR 13P	
CN822	1-573-094-11	SOCKET, CONNECTOR 13P	
* CN911	1-580-939-11	SOCKET, CONNECTOR 4P	
CN913	1-569-493-11	SOCKET, CONNECTOR 7P	
* CN914	1-569-502-11	PIN, CONNECTOR 7P	

BRIDGE

CONNECTOR (A)

CONNECTOR (B)

JACK

SPEAKER

AUDIO

TRANSFORMER (A)

TRANSFORMER (B)

TRANSFORMER (C)

Ref. No.	Part No.	Description	Remark
CN921	1-569-496-11	SOCKET, CONNECTOR 10P	
* CN922	1-569-502-11	PIN, CONNECTOR 7P	
< JACK >			
J402	1-569-662-11	JACK, PIN 1P (SUPER WOOFER OUT)	
J801	1-573-110-11	JACK, PIN 2P (SURROUND SPEAKER) (UK)	
< RESISTOR >			
R401	1-249-417-11	CARBON 1K 5% 1/4W	
R451	1-249-417-11	CARBON 1K 5% 1/4W	
R891	1-247-727-11	CARBON 10 5% 1/2W (G, IT)	
R892	1-247-727-11	CARBON 10 5% 1/2W (G, IT)	
R893	1-247-727-11	CARBON 10 5% 1/2W (G, IT)	
R894	1-247-727-11	CARBON 10 5% 1/2W (G, IT)	
< TERMINAL >			
TB801	1-537-336-11	TERMINAL BOARD (SPEAKER)	

MISCELLANEOUS			

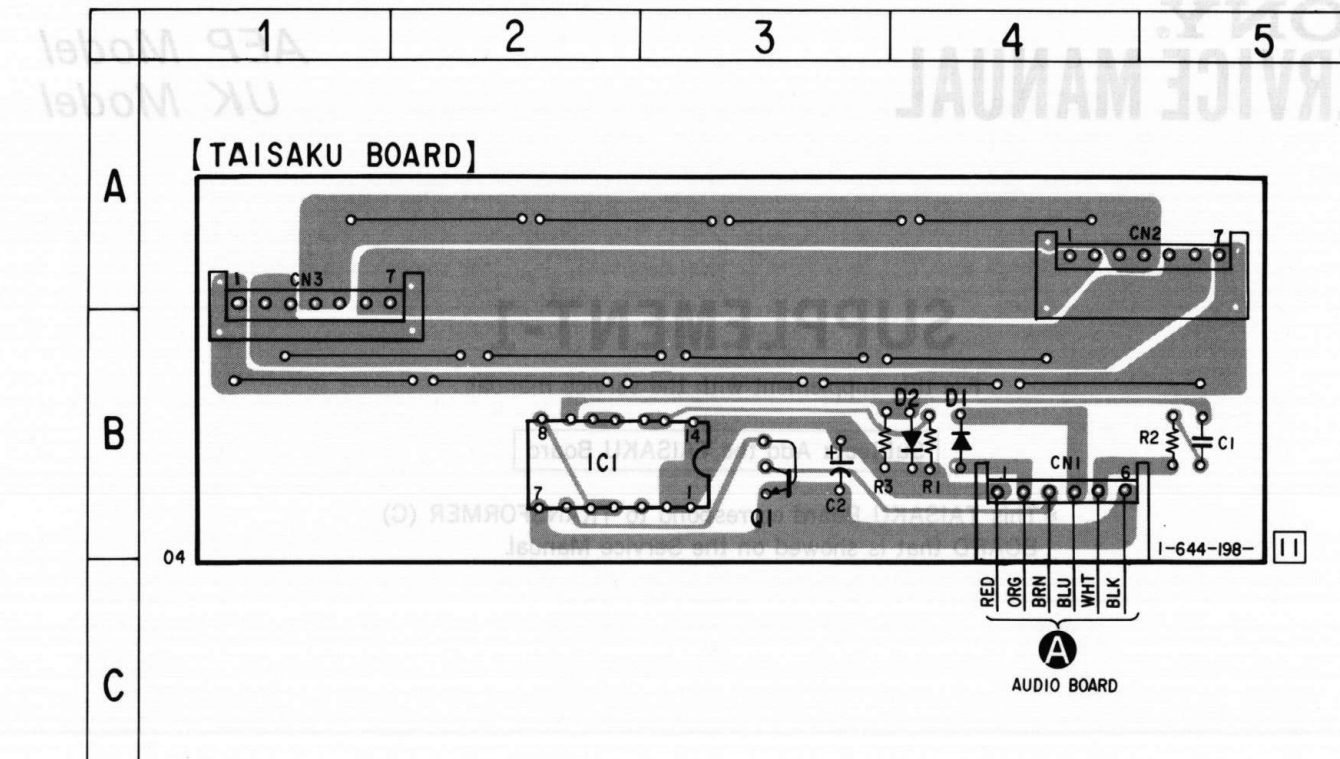
7	1-690-994-11	WIRE (FLAT TYPE) (17 CORE)	
25	1-690-993-11	WIRE (FLAT TYPE) (13 CORE)	
27	1-690-992-11	WIRE (FLAT TYPE) (7 CORE)	
31	1-590-240-11	WIRE (FLAT TYPE) (7 CORE)	
△F901	1-532-259-00	FUSE, TIME-LAG (T1.6A)	
M801	1-541-953-11	MOTOR, DC FAN	
△PT901	1-450-793-11	TRANSFORMER, POWER (AEP, G, IT)	
△PT901	1-450-794-11	TRANSFORMER, POWER (UK)	

Ref. No.	Part No.	Description	Remark
R435	1-218-292-00	METAL CHIP	
R437	1-218-078-00	METAL CHIP	
R438	1-218-121-00	METAL CHIP	
R501	1-218-121-00	METAL CHIP	
R503	1-218-073-00	METAL CHIP	
R503	1-218-073-00	METAL CHIP	
R504	1-218-048-00	METAL CHIP	
R505	1-218-073-00	METAL CHIP	
R506	1-218-082-00	METAL CHIP	
R507	1-218-082-00	METAL CHIP	
R508	1-218-073-00	METAL CHIP	
R509	1-218-082-00	METAL CHIP	
R510	1-218-048-00	METAL CHIP	
R511	1-218-023-00	METAL CHIP	
R512	1-218-048-00	METAL CHIP	
R513	1-218-008-00	METAL CHIP	
R514	1-218-008-00	METAL CHIP	
R521	1-218-048-00	METAL CHIP	
R523	1-218-048-00	METAL CHIP	
R523	1-218-048-00	METAL CHIP	
R524	1-218-048-00	METAL CHIP	
R525	1-218-048-00	METAL CHIP	
R526	1-218-048-00	METAL CHIP	
R527	1-218-048-00	METAL CHIP	
R528	1-218-048-00	METAL CHIP	
R529	1-218-048-00	METAL CHIP	
R530	1-218-048-00	METAL CHIP	
R531	1-218-048-00	METAL CHIP	
R532	1-218-048-00	METAL CHIP	
R533	1-218-048-00	METAL CHIP	
R534	1-218-048-00	METAL CHIP	
R535	1-218-048-00	METAL CHIP	
R536	1-218-048-00	METAL CHIP	
R537	1-218-048-00	METAL CHIP	
R538	1-218-048-00	METAL CHIP	
R541	1-218-027-00	METAL CHIP	
R543	1-218-027-00	METAL CHIP	
R543	1-218-048-00	METAL CHIP	
R601	1-218-072-00	METAL CHIP	
R602	1-218-027-00	METAL CHIP	
R603	1-218-072-00	METAL CHIP	
R604	1-218-072-00	METAL CHIP	
R605	1-218-048-00	METAL CHIP	
R606	1-218-048-00	METAL CHIP	
R607	1-218-121-00	METAL CHIP	
R608	1-218-027-00	METAL CHIP	
R621	1-218-072-00	METAL CHIP	
R623	1-218-027-00	METAL CHIP	
R623	1-218-072-00	METAL CHIP	
R624	1-218-072-00	METAL CHIP	
R625	1-218-048-00	METAL CHIP	
R626	1-218-048-00	METAL CHIP	

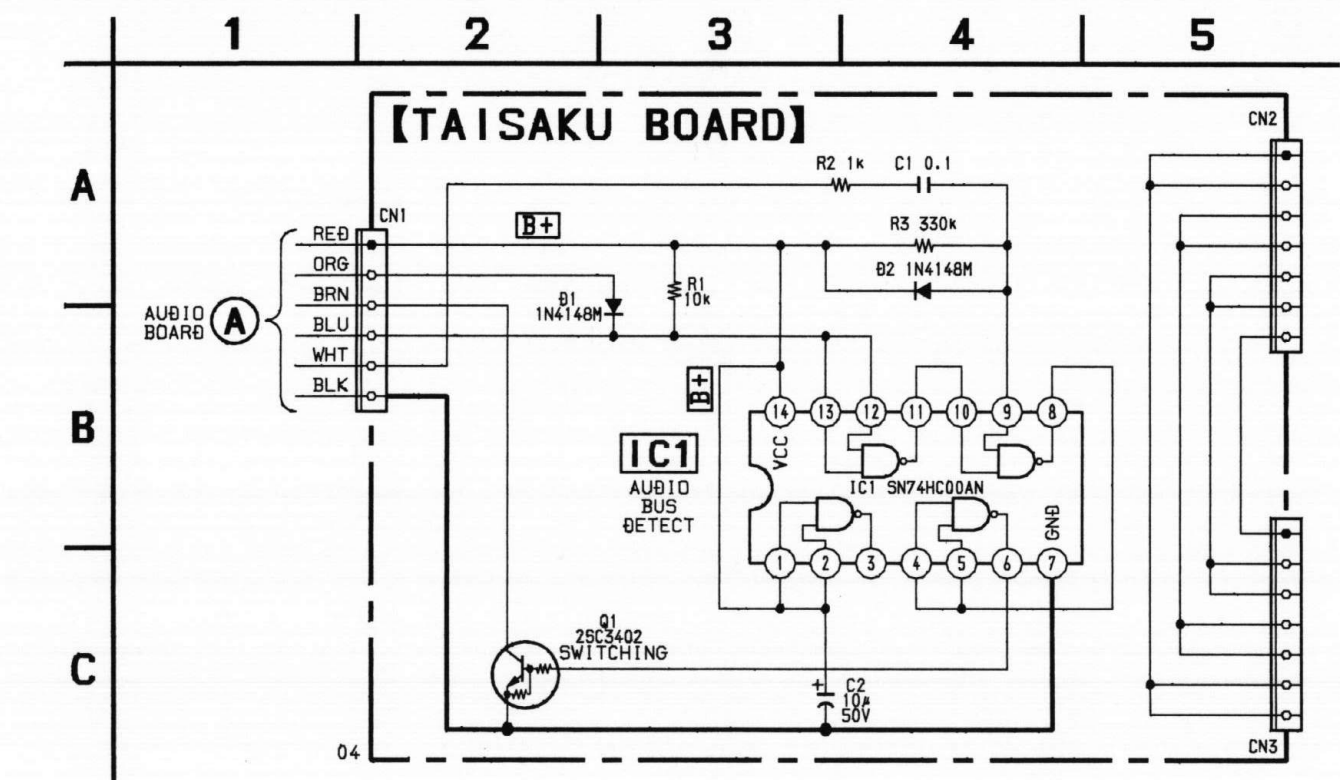
The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

AEP Model
UK Model

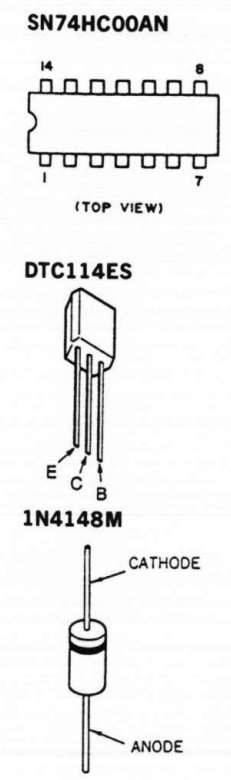
1. PRINTED WIRING BOARD—TAISAKU SECTION—



2. SCHEMATIC DIAGRAM—TAISAKU SECTION—



3. SEMICONDUCTOR LEAD LAYOUTS



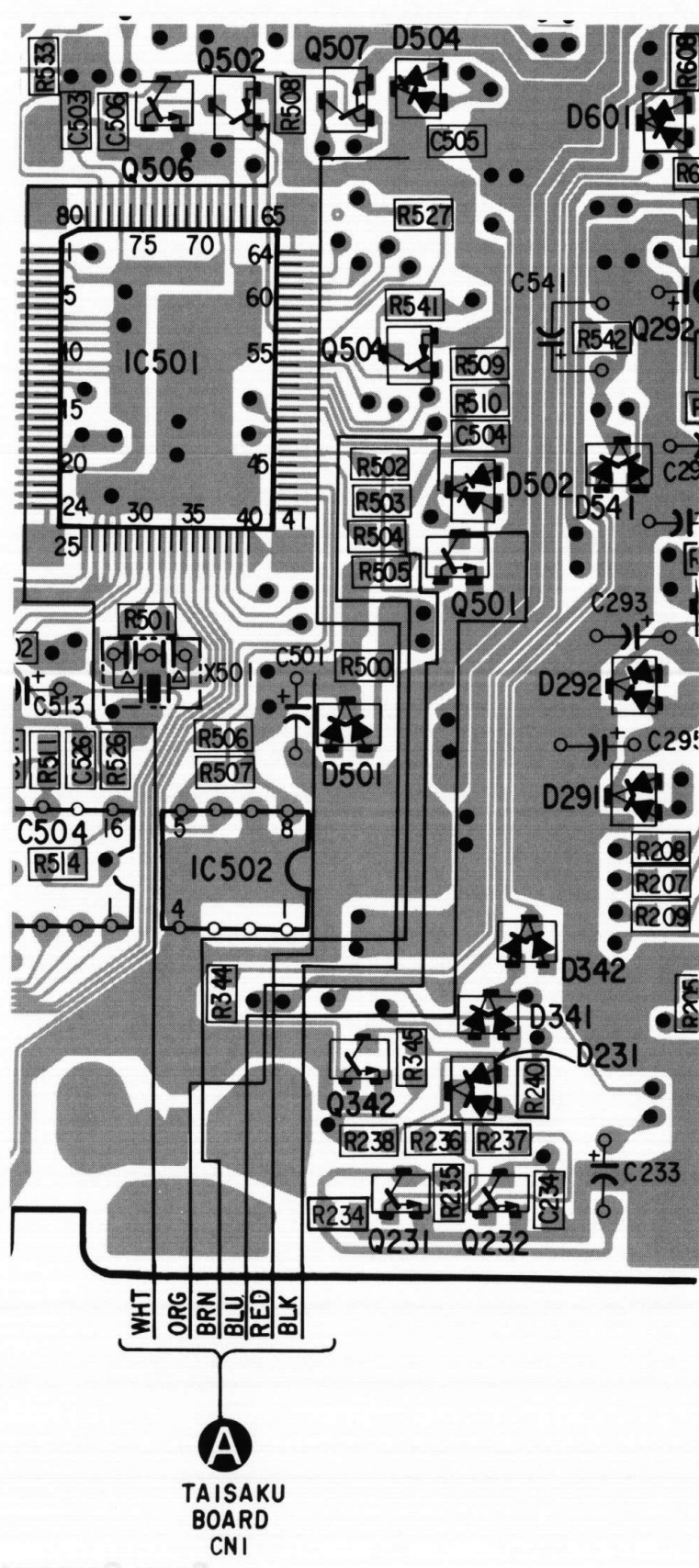
Note on Printed Wiring Board :

- : parts extracted from the component side.
- : parts extracted from the conductor side.
- : Pattern on the side which is seen.

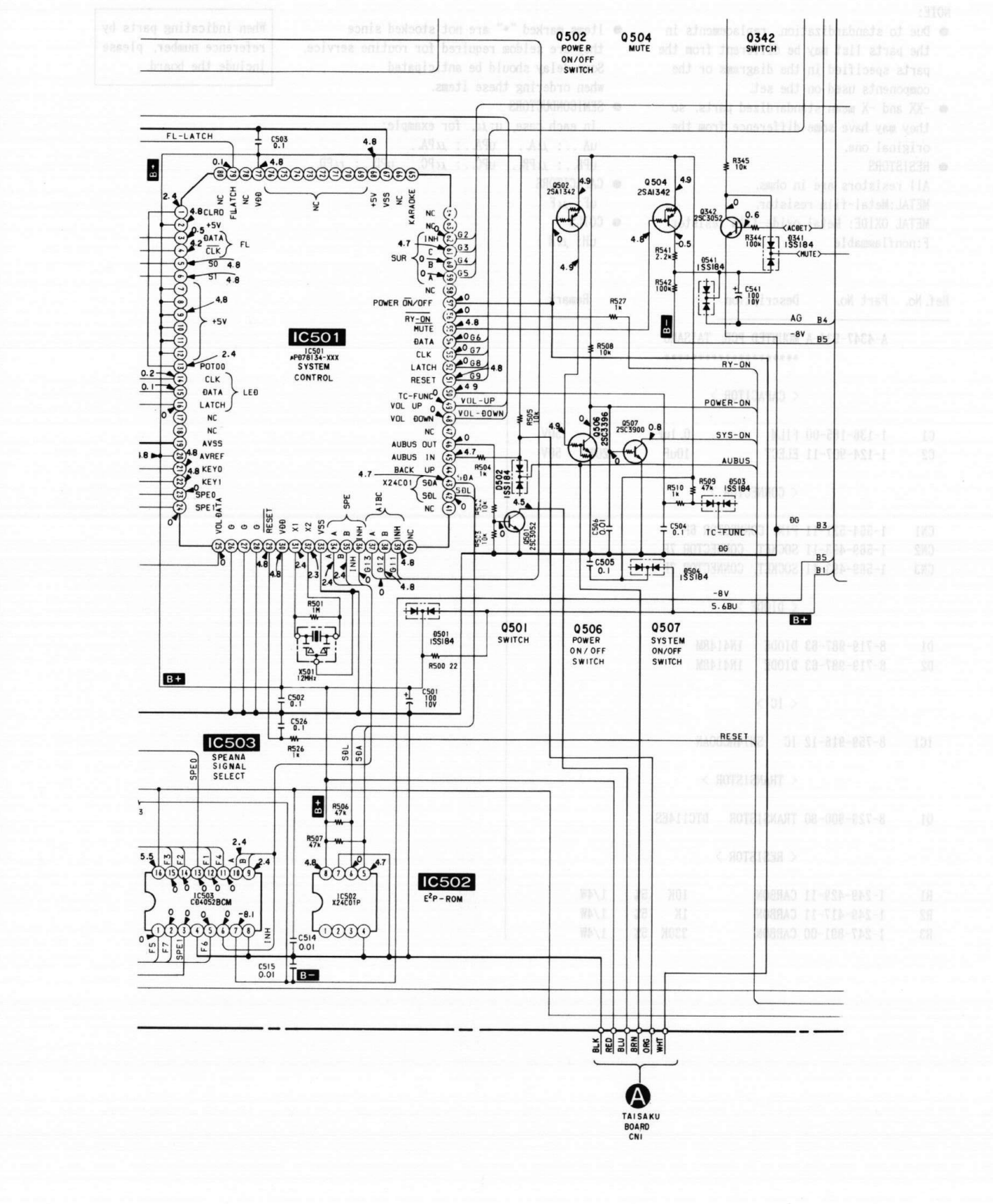
Note on Schematic Diagram :

- 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 Ω and $1/4\text{ W}$ or less unless otherwise specified.
- ⊕ : B+ Line

4. PRINTED WIRING BOARD—AUDIO SECTION—



5. SCHEMATIC DIAGRAM—AUDIO SECTION—



TAISAKU

6. ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
All resistors are in ohms.
METAL: Metal-film resistor.
METAL OXIDE: Metal oxide-film resistor.
F: nonflammable

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

● SEMICONDUCTORS

In each case, u: μ , for example:uA...: μ A... uPA...: μ PA...
uPB...: μ PB... uPC...: μ PC... uPD...: μ PD...

● CAPACITORS

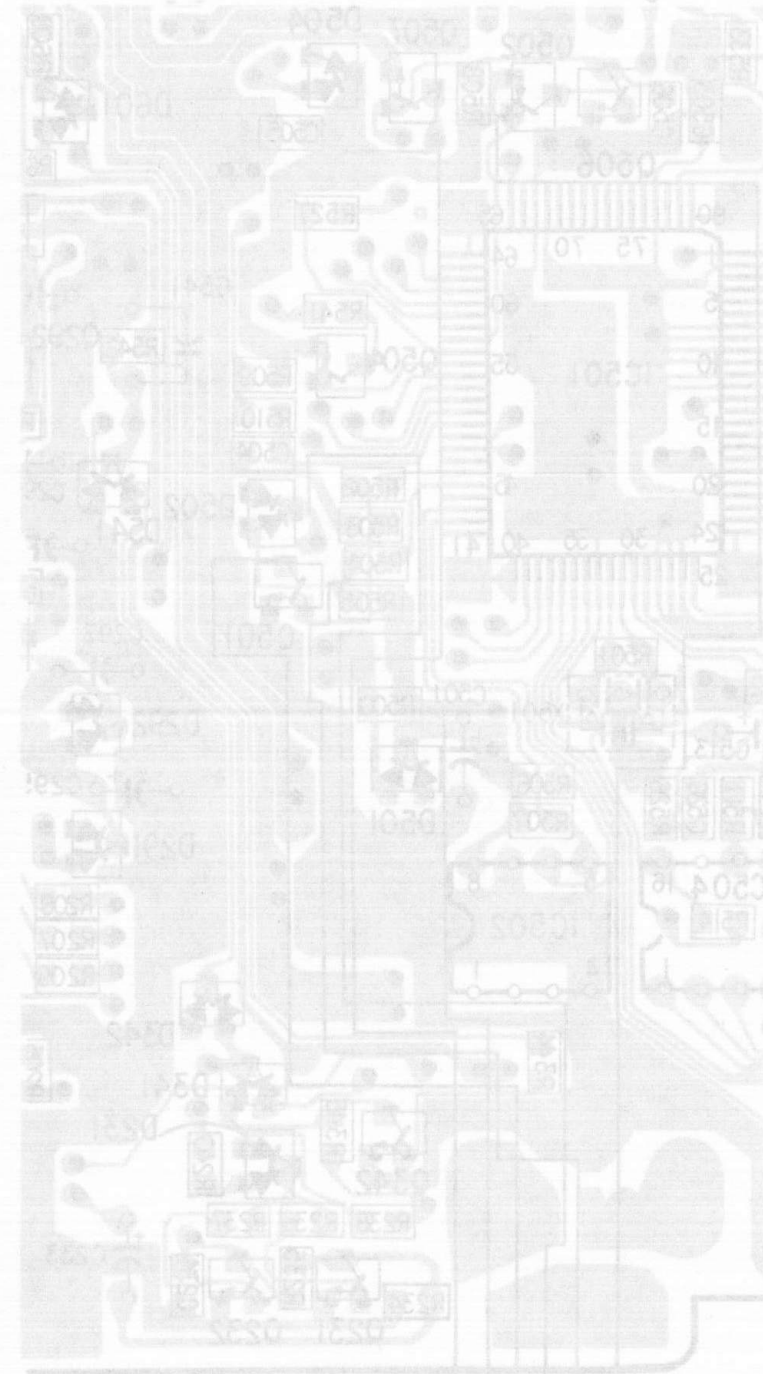
uF: μ F

● COILS

uH: μ H

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

Ref. No.	Part No.	Description	Remark
	A-4347-934-A	MOUNTED PCB, TAISAKU *****	
		< CAPACITOR >	
C1	1-136-165-00	FILM 0.1uF 5% 50V	
C2	1-124-907-11	ELECT 10uF 20% 50V	
		< CONNECTOR >	
CN1	1-564-521-11	PIN, CONNECTOR 6P	
CN2	1-569-493-11	SOCKET, CONNECTOR 7P	
CN3	1-569-493-11	SOCKET, CONNECTOR 7P	
		< DIODE >	
D1	8-719-987-63	DIODE 1N4148M	
D2	8-719-987-63	DIODE 1N4148M	
		< IC >	
IC1	8-759-916-12	IC SN74HC00AN	
		< TRANSISTOR >	
Q1	8-729-900-80	TRANSISTOR DTC114ES	
		< RESISTOR >	
R1	1-249-429-11	CARBON 10K 5% 1/4W	
R2	1-249-417-11	CARBON 1K 5% 1/4W	
R3	1-247-891-00	CARBON 330K 5% 1/4W	

TAISAKU
BOARD
CMT

Sony Corporation
Consumer A & V Products Company
Home A & V Products Div.

9-957-001-81