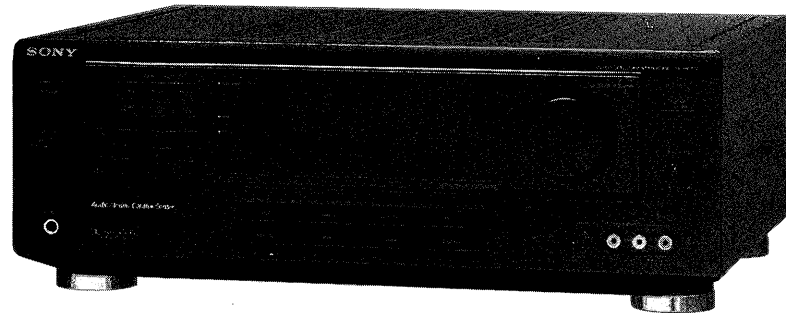


TA-VE700

SERVICE MANUAL

AEP Model
UK Model
E Model



SPECIFICATIONS

Amplifier section

POWER OUTPUT

Stereo mode (DIN 1 kHz, 4 ohms)
90 W + 90 W

Surround mode (DIN 1 kHz, 4 ohms)
Front:
90 W/ch
Centre:
90 W
(only in the PRO
LOGIC mode)
Rear:
25 W

Frequency response PHONO: RIAA
equalization curve
 ± 0.5 dB
TUNER, CD, TAPE/MD,
VIDEO 1, 2, 3, TV/LD:
10 Hz - 50 kHz -0 dB

Inputs

	Sensitivity	Impedance	S/N (weighting network, input level)
PHONO (MM)	2.5 mV	50 kilohms	75 dB** (A, 2.5 mV)
CD	200 mV		
TAPE/ MD, TUNER, VIDEO 1, 2, 3, TV/ LD	150 mV	50 kilohms (A, 150 mV)	82 dB**

Outputs

TAPE/MD REC OUT,
VIDEO 1, 2 AUDIO
OUT: Voltage 150 mV,
Impedance 10 kilohms
MIX AUDIO OUT
Voltage: 2 V
Impedance: 1 kilohms
PHONES: Accepts low
and high impedance
headphones

Muting

- 20 dB

BASS BOOST

+10 dB at 70 Hz

TONE

± 8 dB at 100 Hz and
10 kHz

Video section

Inputs

VIDEO 1, 2, 3, TV/LD
VIDEO IN:
1 Vp-p 75 ohms
VIDEO 1, 3 S VIDEO:
Y: 1 Vp-p, unbalanced,
sync negative
C: 0.286 Vp-p,
load impedance
75 ohms

— Continued on page 2 —

** '78 IHF

INTEGRATED AV AMPLIFIER
SONY®

Outputs	VIDEO 1, 2, MONITOR VIDEO OUT: 1 Vp-p 75 ohms VIDEO 1, MONITOR S VIDEO: Y: 1 Vp-p, unbalanced, sync negative C: 0.286 Vp-p, load impedance 75 ohms
General System	Preamplifier section: Low- noise NF type equalizer Power amplifier section: Pure-complimentary SEPP
Power requirements	220-230 V AC, 50/60 Hz
Power consumption	230 W
AC outlets	1 switched, total 100 W
Dimensions	430 x 157 x 355 mm (17 x 6 1/4 x 14 inches)
Mass (Approx.)	10.5 kg (23 lb 3 oz)
Supplied accessories	Remote commander (remote) (1) Size AA (R6) batteries (2)

Design and specifications are subject to
change without notice.

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SAFETY-RELATED COMPONENT WARNING!!

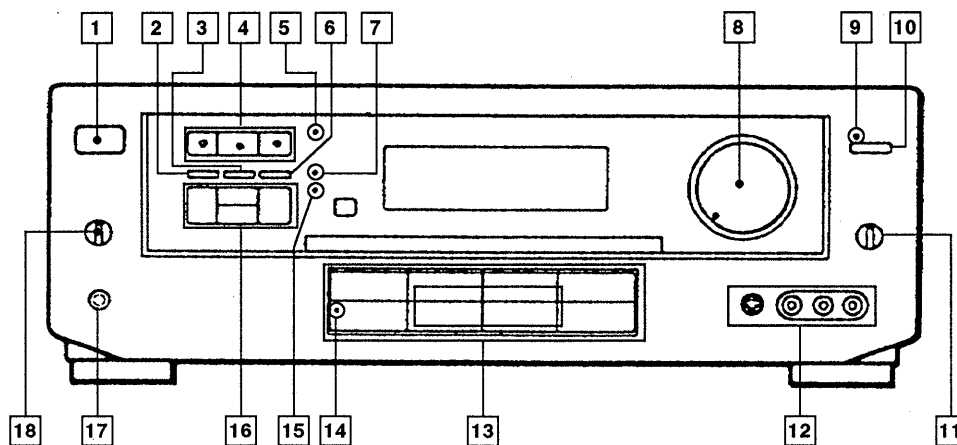
COMPONENTS IDENTIFIED BY MARK  OR DOTTED
LINE WITH MARK  ON THE SCHEMATIC DIAGRAMS
AND IN THE PARTS LIST ARE CRITICAL TO SAFE
OPERATION. REPLACE THESE COMPONENTS WITH
SONY PARTS WHOSE PART NUMBERS APPEAR AS
SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUB-
LISHED BY SONY.

SECTION 1 GENERAL

This section is extracted from instruction manual.

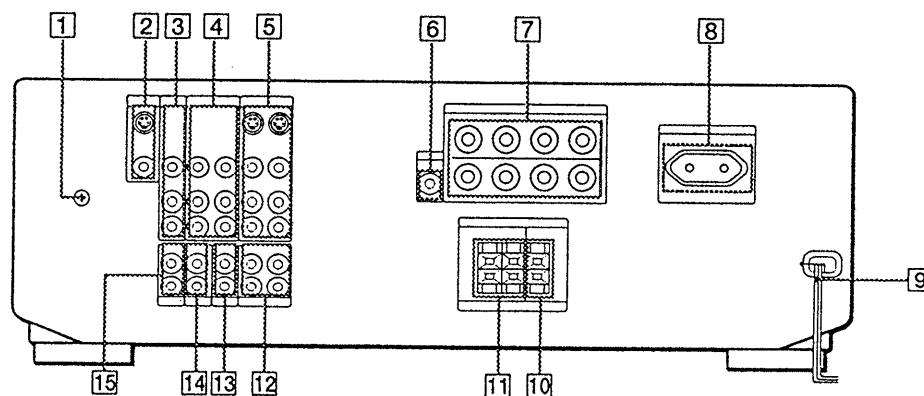
LOCATION AND FUNCTION OF CONTROLS

[Front Panel]



- | | | |
|-----------------------|-------------------------|---------------------------------------|
| 1 POWER switch | 7 SUR indicator | 13 FUNCTION buttons |
| 2 TONE ON/OFF button | 8 MASTER VOLUME control | 14 TAPE/MD indicator |
| 3 CENTER MODE button | 9 BASS BOOST indicator | 15 TONE indicator |
| 4 SOUND FIELD buttons | 10 BASS BOOST button | 16 Digital processing control buttons |
| 5 STANDBY indicator | 11 BALANCE control | 17 PHONES jack |
| 6 DPC MODE buttons | 12 VIDEO 3 INPUT jack | 18 SPEAKERS switch |

[Rear Panel]



- | | | |
|---------------------------------|-------------------------------|-----------------------------|
| 1 $\varnothing$ ground terminal | 7 FRONT SPEAKERS (A/B) | 11 SURROUND SPEAKERS (REAR) |
| 2 MONITOR | 8 SWITCHED AC OUTLET | 12 TAPE/MD |
| 3 TV/LD | 9 mains lead | 13 CD |
| 4 VIDEO 2 | 10 SURROUND SPEAKERS (CENTER) | 14 TUNER |
| 5 VIDEO 1 | | 15 PHONO |
| 6 MIX AUDIO OUT | | |

Remote Button Descriptions

For buttons not described on previous pages and buttons with names different from the buttons on the main unit.

Remote Button	Operates	Function
0-9	Tuner	Selects preset numbers.
	CD player/MD deck/LD player	Selects track numbers. 0 selects track 10.
	TV/VCR	Selects channel numbers.
CH/PRESET +/-	Tuner	Scans and selects preset stations.
	TV/VCR	Selects preset channels.
INDEX	Tuner	Selects station index names for index select tuning.
D. SKIP	CD player	Skips discs (CD player with multi-disc changer only.)
◀◀/▶▶	CD player	Searches tracks (forward or backward).
	Tape deck/MD deck/VCR/LD player	Fast forwards or rewinds.
◀◀/▶▶	CD player/MD deck/LD player	Skips tracks.
⏸	CD player/Tape deck/MD deck/LD player/VCR	Pauses play or record. (Also starts recording with components in record standby.)
▶	CD player/Tape deck/MD deck/LD player/VCR	Starts play.
■	CD player/Tape deck/MD deck/LD player/VCR	Stops play.
◀	Tape deck	Starts play on the reverse side.
●	Tape deck	Sets tape decks to the record standby mode.
● + ▶	Tape deck/MD deck/VCR	Starts recording when pressed with ▶ (or ◀ on tape deck).
RMS DIRECTION	Tape deck	Selects tape direction (for tape decks with the RMS* function.)
RMS CLEAR	Tape deck	Clears RMS* programme (for tape decks with the RMS function.)

Remote Button	Operates	Function
RMS DIRECTION ◀/▶	Tape deck	Programmes tracks (tape deck with the RMS* function only).
ENTER	TV/VCR	Changes channels when used with 0-9.
TV/VIDEO	TV/VCR	Selects input signal: TV input or video input.
VISUAL POWER	TV/VCR/LD player	Turns on or off the power.
TV CONTROL ON	TV	Turns on the TV, switches the input to "TV," and sets the remote to operate the TV.
-/-	TV	Selects the channel entry mode, either one or two digit (in Europe only).
SUB CH +/-	TV	Selects preset channels for the small picture.**
POSITION	TV	Changes the position of the small picture.**
SWAP	TV	Swaps the small and the large picture.**
P IN P	TV	Activates the picture-in-picture function.**
JUMP	TV	Jumps back and forth between the previous and current channels.
ANT TV/VTR	VCR	Selects output signal from the antenna terminal: TV signal or VCR programme.
MASTER VOL +/-	TV	Normally, adjusts the master volume of the amplifier. If TV CONTROL ON was pressed, it adjusts the volume on the TV.
MUTING	TV	Normally, mutes the sound from the amplifier. If TV CONTROL ON was pressed, the sound on the TV itself is muted.
SLOPE	—	Not applicable.
BAND	—	Not applicable.

* RMS: Random Music Sensor

** Only for Sony TVs with the picture-in-picture function

Note

Some Sony equipment cannot be controlled by this remote as shown in the table above.

SECTION 2

EXPLANATION OF IC TERMINALS

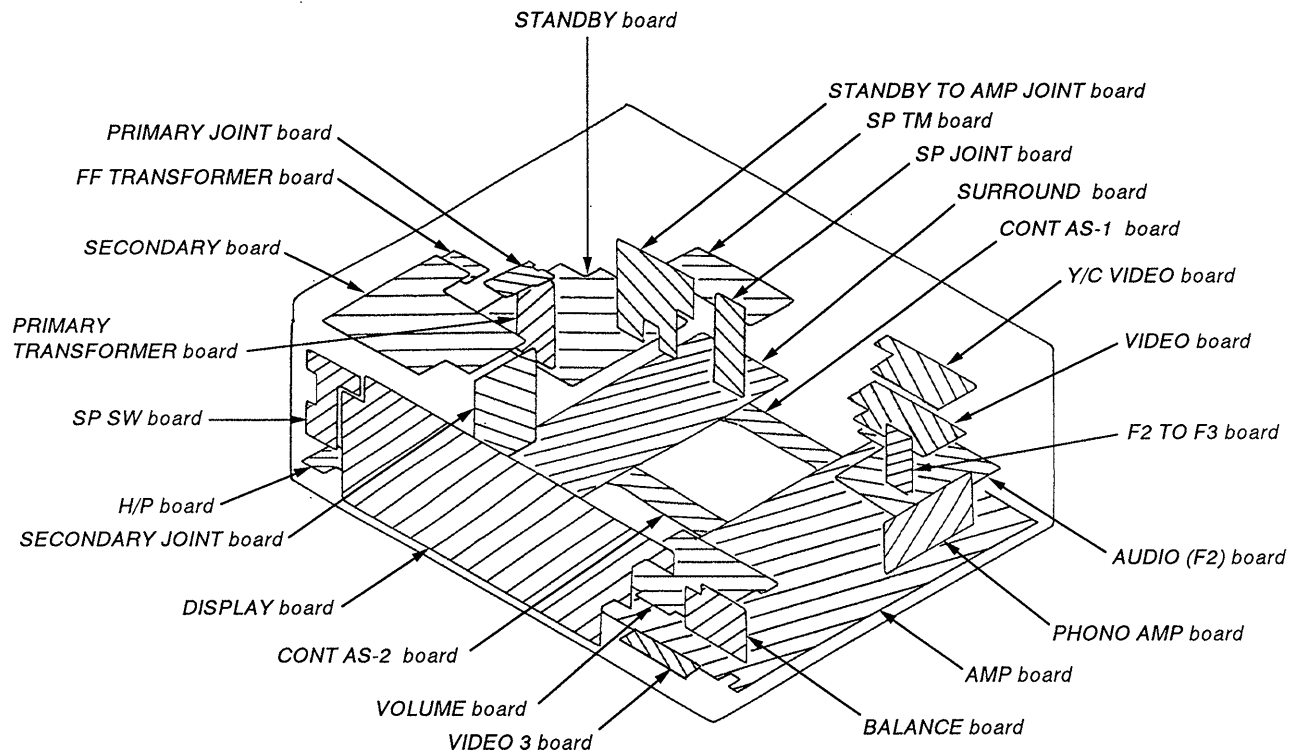
IC104 MB90673PF-G-156-BND (SYSTEM CONTROL)

Pin No.	Pin name	I/O	Description
1	V-A	O	Video A control.
2	V-B	O	Video B control.
3	KEY-IN	I	key input 1.
4	KEY-IN	I	key input 2.
5	KEY-IN	I	key input 3.
6	KEY-IN	I	key input 4.
7	KEY-IN	I	key input 5.
8	KEY-IN	I	key input 6.
9	KEY-IN	I	key input 7.
10	DATA IN	I	PLL data input.
11	GND	—	Ground.
12	FL-LATCH	O	Fluorescent indicator tube latch output.
13	POWER RY	O	Power relay drive.
14	RM IN	I	SIRCS signal input.
15	BRID RY	O	Bridgable relay drive.
16	SURR RY	O	Surround relay drive.
17	CENTER RY	O	Center relay drive.
18	SP RY	O	Speaker relay drive.
19	SP-OFF IN	I	Speaker OFF DET.
20	UART	—	Not used (Ground).
21	UART	—	Not used (Ground).
22	UART	—	Not used (Ground).
23	FL-CLR	O	Fluorescent indicator tube latch clear output.
24	FL-DATA	O	Fluorescent indicator tube data output.
25	FL-CLK	O	Fluorescent indicator tube clock output.
26	PROTECT-IN	I	Protect DET input.
27	4-8-IN	I	4-8 input.
28	AVcc-5V	—	Power supply (+5V).
29	AVREF-5V	—	Reference voltage (+5V).
30	AVREF-0V	—	Reference voltage (+5V).
31	GND	—	Ground.
32	AD IN2	—	Not used (Open).
33	NC	—	Not used (Ground).
34	Vss-GND	—	Ground.
35	AD IN1	I	Bass boost key input.
36	ST-BY	O	Standby LED drive.
37	VRLED	O	Volume LED drive.
38	VOL +	O	Volume + control.
39	VOL —	O	Volume — control.
40	PULL UP	—	Pull up terminal.

Pin No.	Pin name	I/O	Description
41	5V	—	+5V.
42	5V	—	+5V.
43	GND	—	Ground.
44	5V	—	+5V.
45	STOP	I	Stop input.
46	NC	—	Not used (Ground).
47	NC	—	Not used (Ground).
48	NC	—	Not used (Ground).
49	CTRAIN	—	Not used (Ground).
50	TV	—	Not used (Ground).
51	VIDEO1	—	Not used (Ground).
52	VIDEO2	—	Not used (Ground).
53	KEY-OUT	O	Key output.
54	KEY-OUT	O	Key output.
55	KEY-OUT	O	Key output.
56	KEY-OUT	O	Key output.
57	KEY-OUT	O	Key output.
58	KEY-OUT	O	Key output.
59	CTRAOUT	—	Not used (Open).
60	V-E	O	Video E control.
61	S-OUT	—	Not used (Open).
62	RESET	I	System reset input.
63	Vss-GND	—	Ground.
64	OSC	I	System clock OSC (4MHz).
65	OSC	O	System clock OSC (4MHz).
66	Vcc-5V	—	Power supply (+5V).
67	T-LATCH	O	Tone latch output.
68	S-LATCH	O	Surround latch output.
69	S-MUTE	O	Surround mute output.
70	F-MUTE	O	Function mute output.
71	SW3-1	—	Not used (Ground).
72	BASS BOOST	O	Bass boost drive.
73	POWER KEY IN	I	Power key input.
74	LED-DATA	O	LED data output.
75	CLK	O	Serial clock output.
76	DATA	O	Serial data output.
77	PLL-LATCH	O	PLL latch output.
78	A STOP	—	Not used (Open).
79	TUNER-MUTE	—	Not used (Open).
80	STEREO	—	Not used (Open).

SECTION 3 DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION



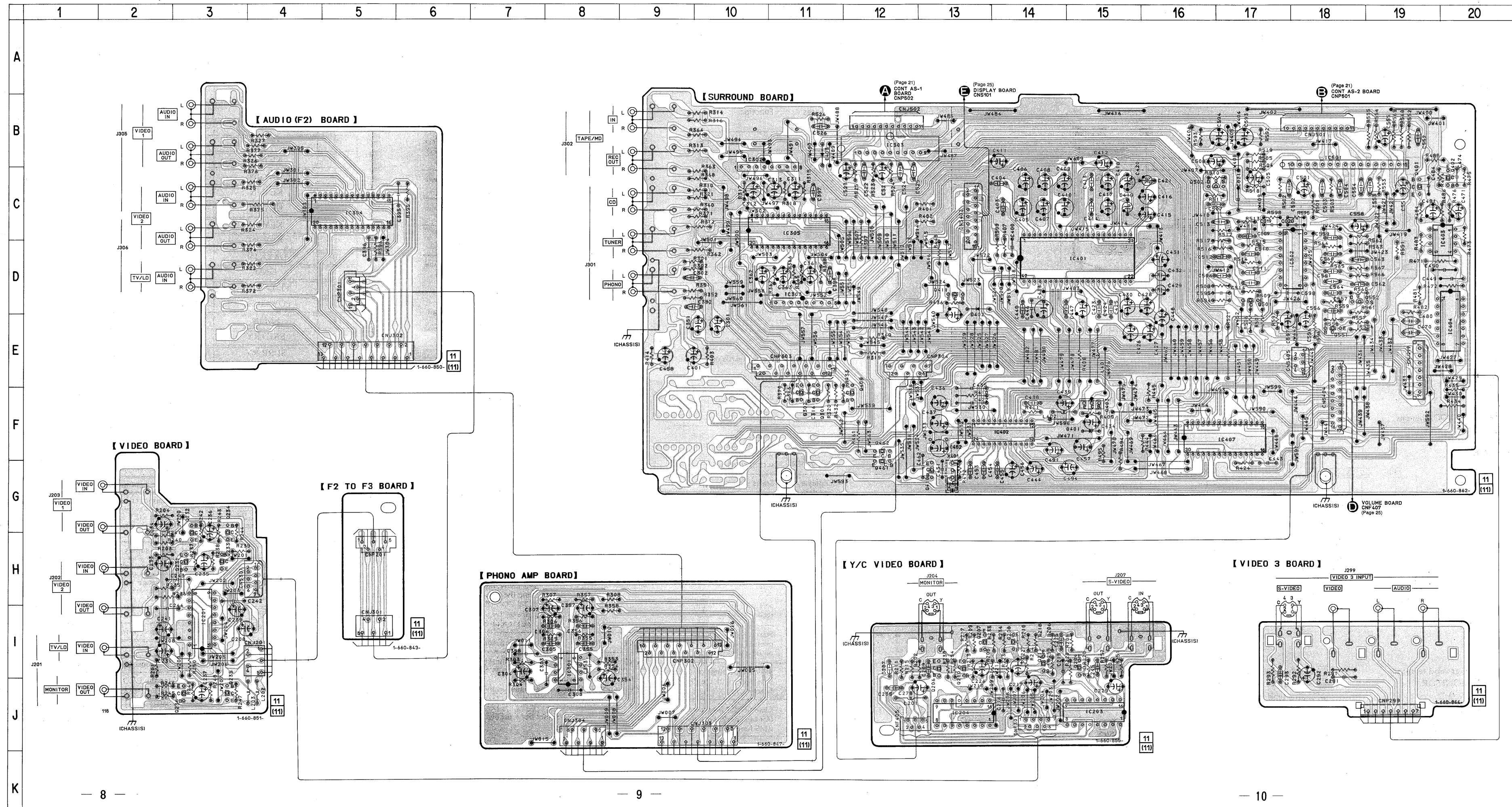
3-2. PRINTED WIRING BOARDS (SURROUND SECTION)

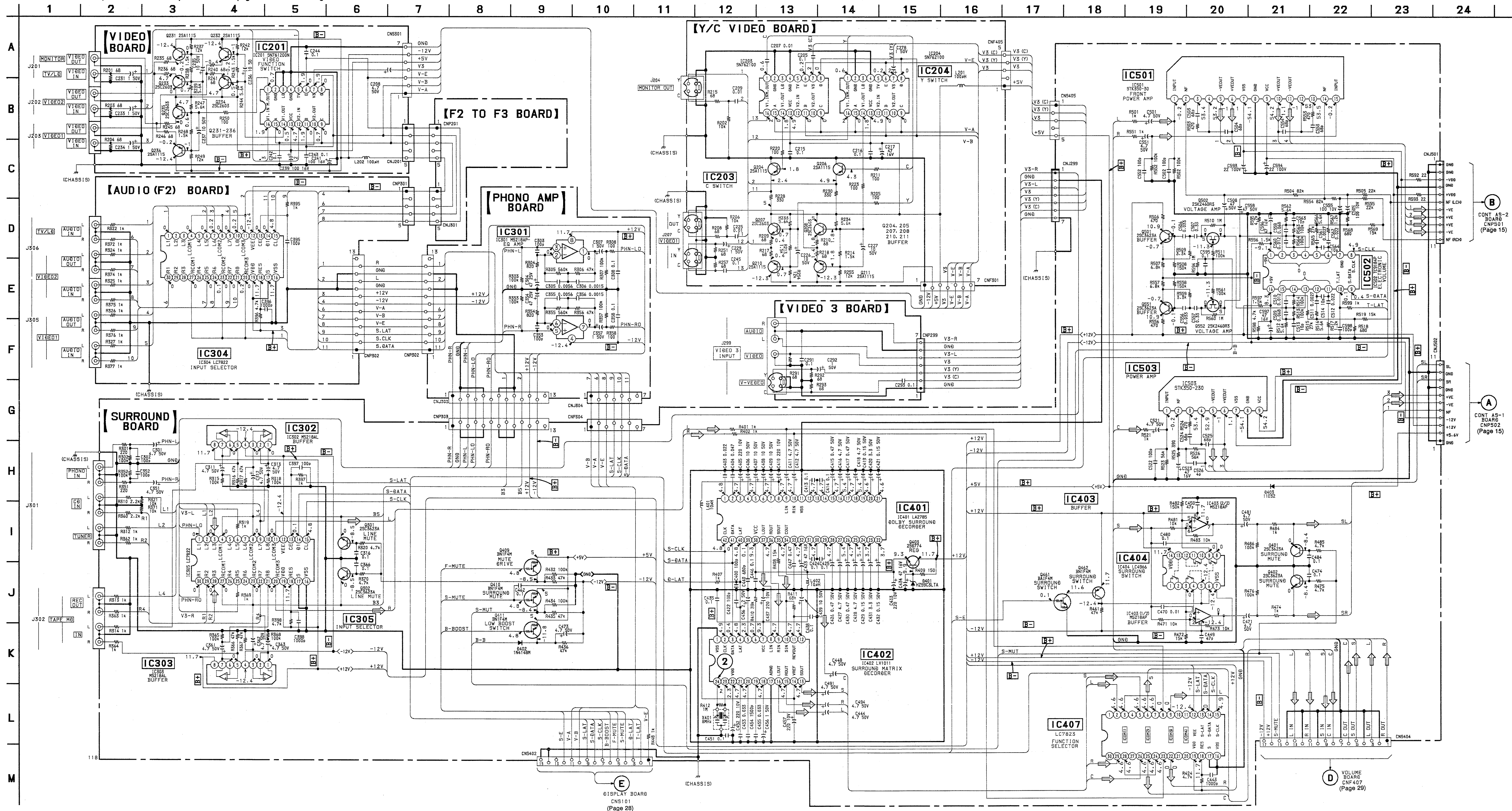
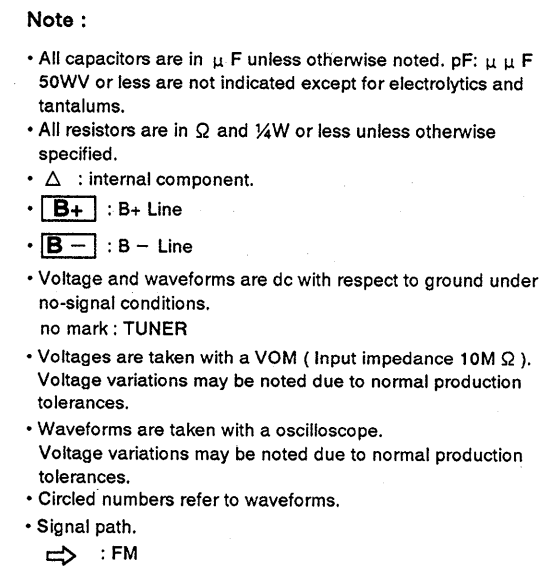
● SEMICONDUCTOR LOCATION

Ref. No.	Location
D401	F-15
D402	D-13
D403	B-11
IC201	I-3
IC203	J-15
IC204	J-13
IC301	I-8
IC302	B-10
IC303	D-11
IC304	C-5
IC305	C-11
IC401	D-14
IC402	F-14
IC403	C-20
IC404	E-20
IC407	F-17
IC501	B-18
IC502	D-18
IC503	B-12
Q204	I-15
Q206	I-13
Q207	I-13
Q208	I-14
Q210	I-13
Q211	I-14
Q231	H-3
Q232	H-3
Q233	H-3
Q234	H-3
Q235	J-3
Q236	J-3
Q301	F-11
Q302	F-11
Q401	C-19
Q402	C-20
Q403	F-15
Q409	F-12
Q410	G-13
Q411	D-13
Q461	G-12
Q462	F-12
Q501	D-17
Q502	C-17
Q551	E-18
Q552	D-18

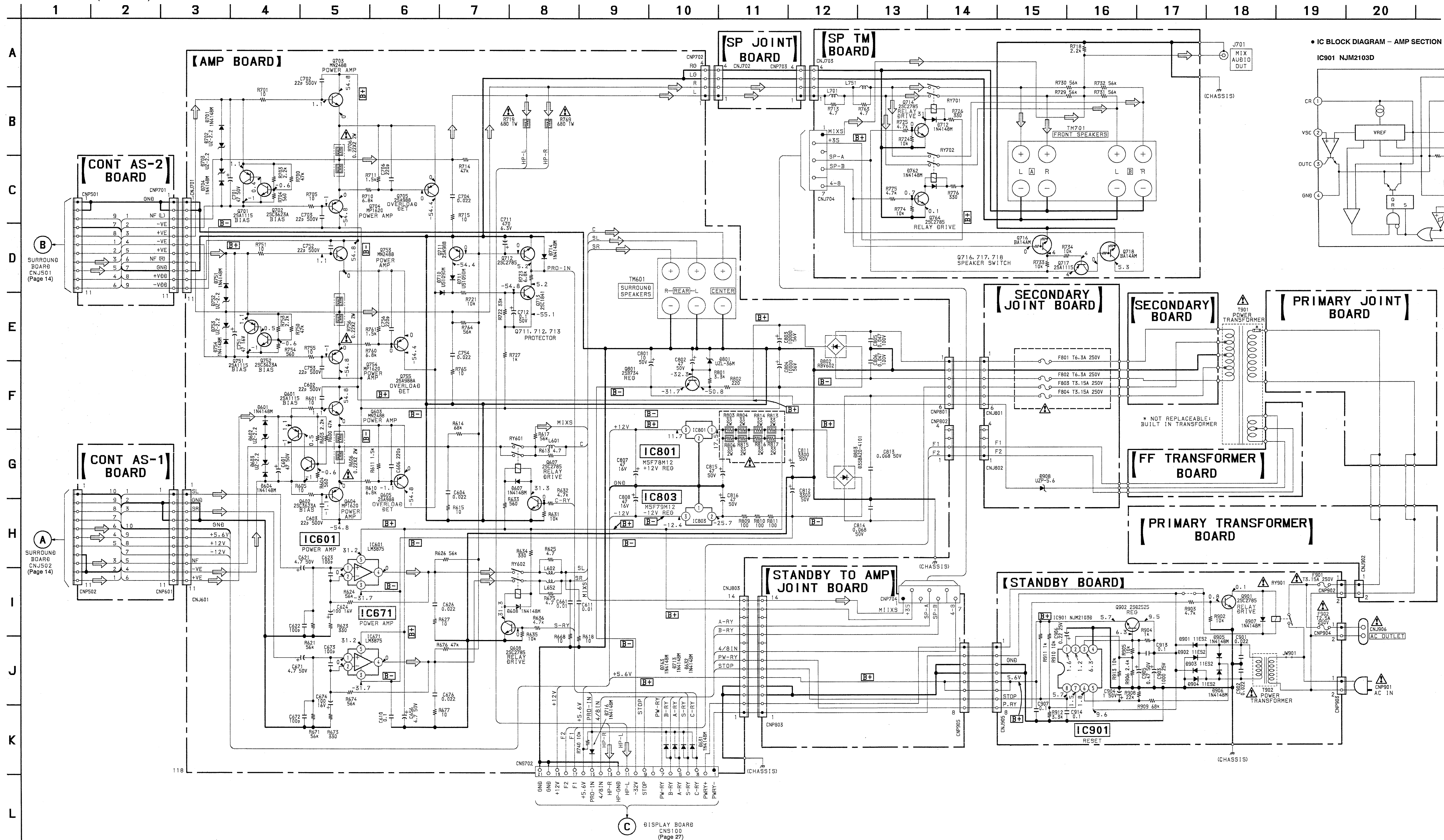
Note:

- : parts extracted from the component side.
- : parts extracted from the conductor side.
- △ : internal component.
- ⋯ : Pattern from the side which enables seeing.
(The other layers' patterns are not indicated)



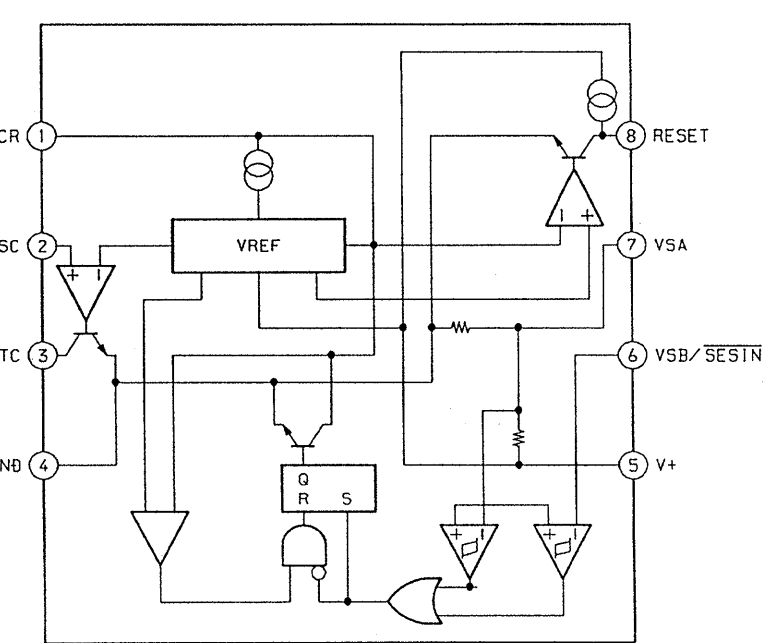


3-4. SCHEMATIC DIAGRAM (AMP SECTION)



• IC BLOCK DIAGRAM - AMP SECTION -

IC901 NJM2103D



Note :

- All capacitors are in μ F unless otherwise noted. pF: μ F
- 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{4}W$ or less unless otherwise specified.

□ : panel designation.

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

• [B+] : B+ Line

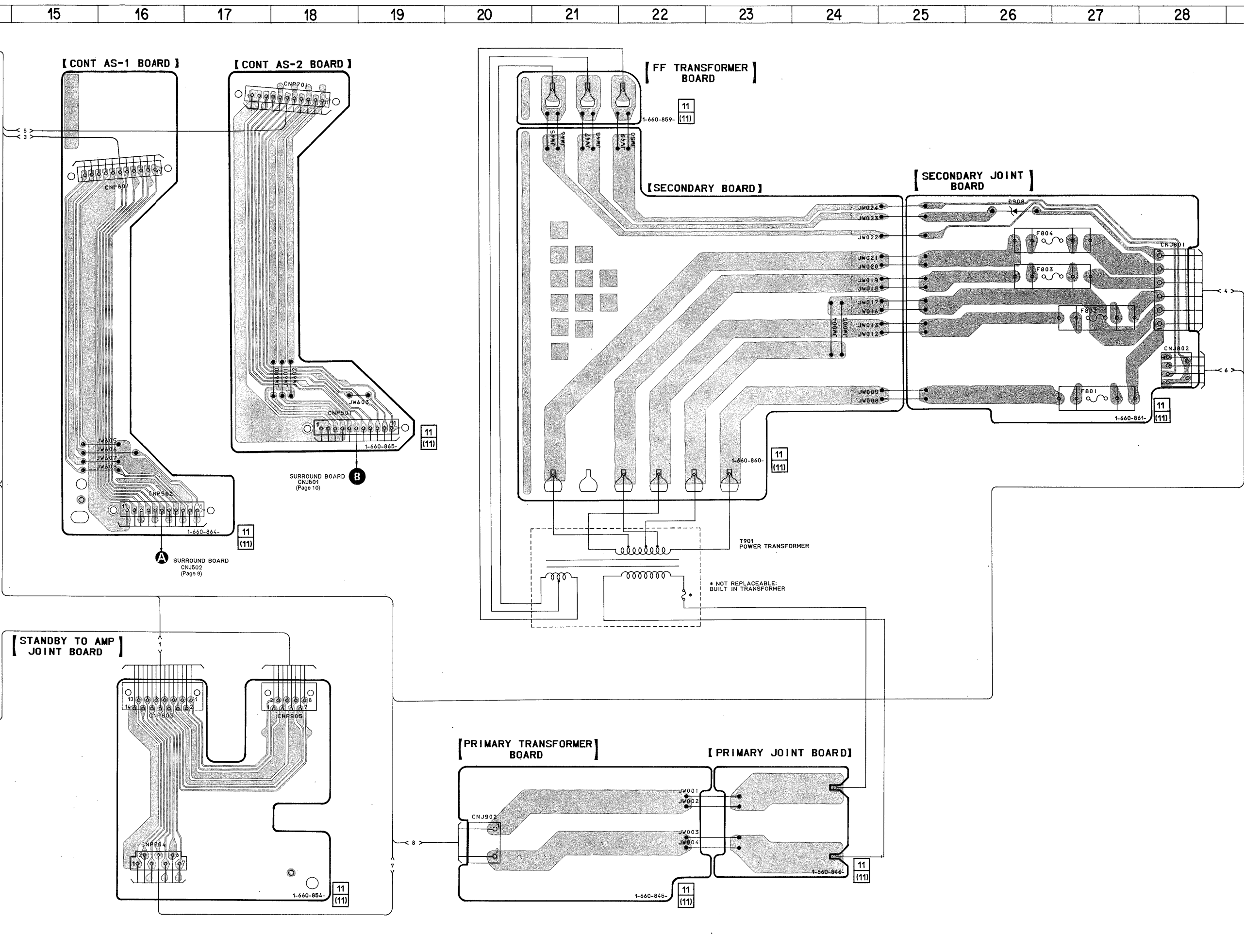
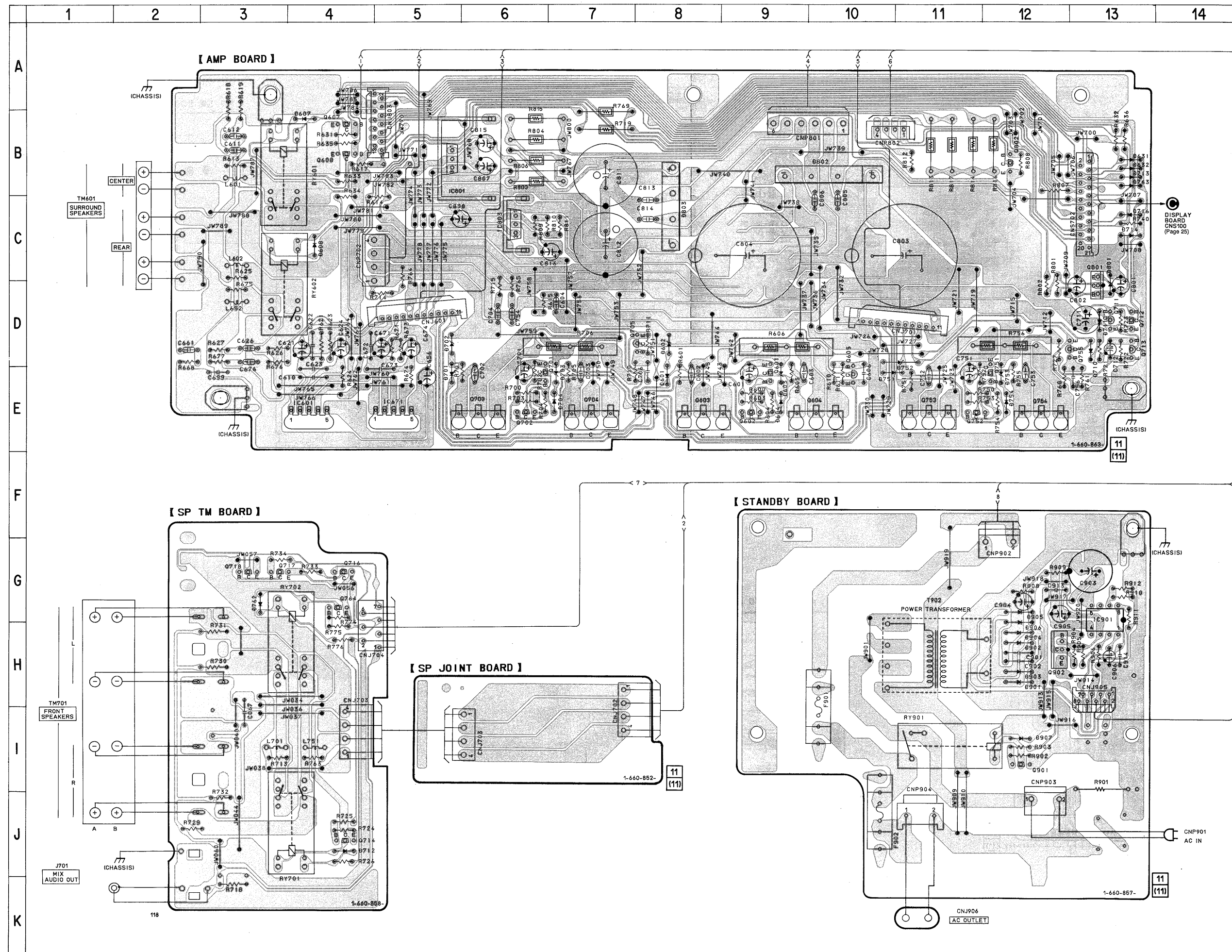
• [B-] : B- Line

• Voltage and waveforms are dc with respect to ground under no-signal conditions.

• Volumes are taken with a VOM (Input impedance 10M Ω). Voltage variations may be noted due to normal production tolerances.

• Signal path.

→ : FM



• SEMICONDUCTOR LOCATION

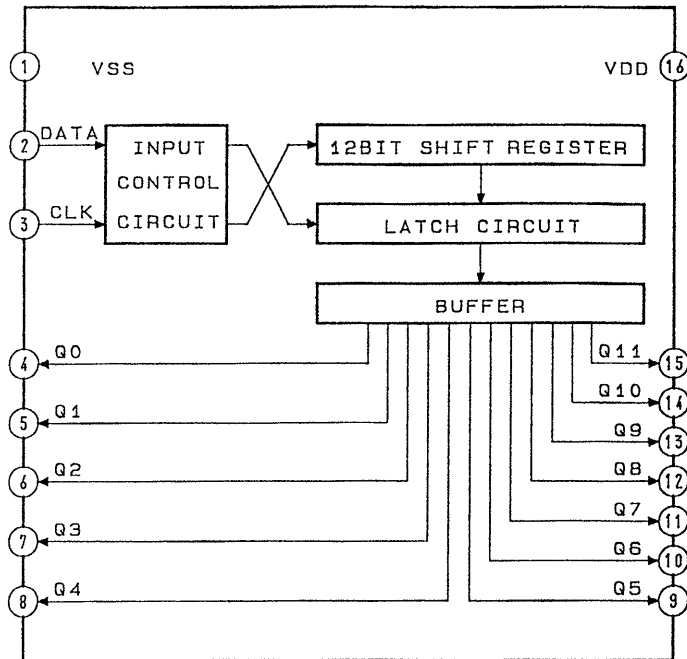
Ref. No.	Location	Ref. No.	Location
D601	E - 8	IC601	E - 4
D602	D - 8	IC671	E - 5
D603	D - 9	IC801	B - 5
D604	E - 9	IC803	C - 6
D607	B - 4	IC901	G - 13
D608	C - 4	Q601	D - 9
D631	B - 13	Q602	E - 9
D632	B - 13	Q603	E - 8
D701	E - 5	Q604	E - 9
D702	D - 5	Q605	D - 10
D703	D - 7	Q607	B - 4
D704	E - 6	Q608	B - 4
D710	D - 13	Q701	D - 6
D711	D - 13	Q702	E - 6
D712	J - 4	Q703	E - 6
D713	B - 13	Q704	E - 7
D714	C - 13	Q705	D - 7
D716	C - 13	Q711	D - 13
D751	D - 10	Q712	D - 13
D752	D - 10	Q713	D - 13
D753	D - 12	Q714	J - 4
D754	E - 12	Q716	G - 4
D762	G - 3	Q717	G - 3
D763	B - 13	Q718	G - 3
D801	C - 13	Q751	D - 11
D802	B - 10	Q752	E - 11
D803	C - 8	Q753	E - 11
D901	H - 12	Q754	E - 12
D902	H - 12	Q755	D - 12
D903	H - 12	Q764	G - 4
D904	G - 12	Q801	C - 13
D905	G - 12	Q802	B - 12
D906	G - 12	Q901	I - 12
D907	I - 12	Q902	H - 12
D908	C - 26		

Note:

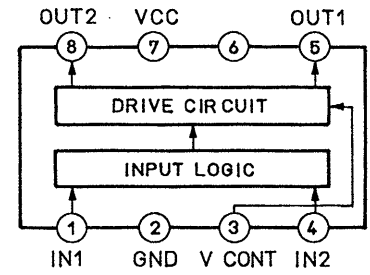
- : parts extracted from the component side.
- : parts extracted from the conductor side.
- : Pattern from the side which enables seeing.
(The other layers' patterns are not indicated)

• IC BLOCK DIAGRAMS – DISPLAY SECTION –

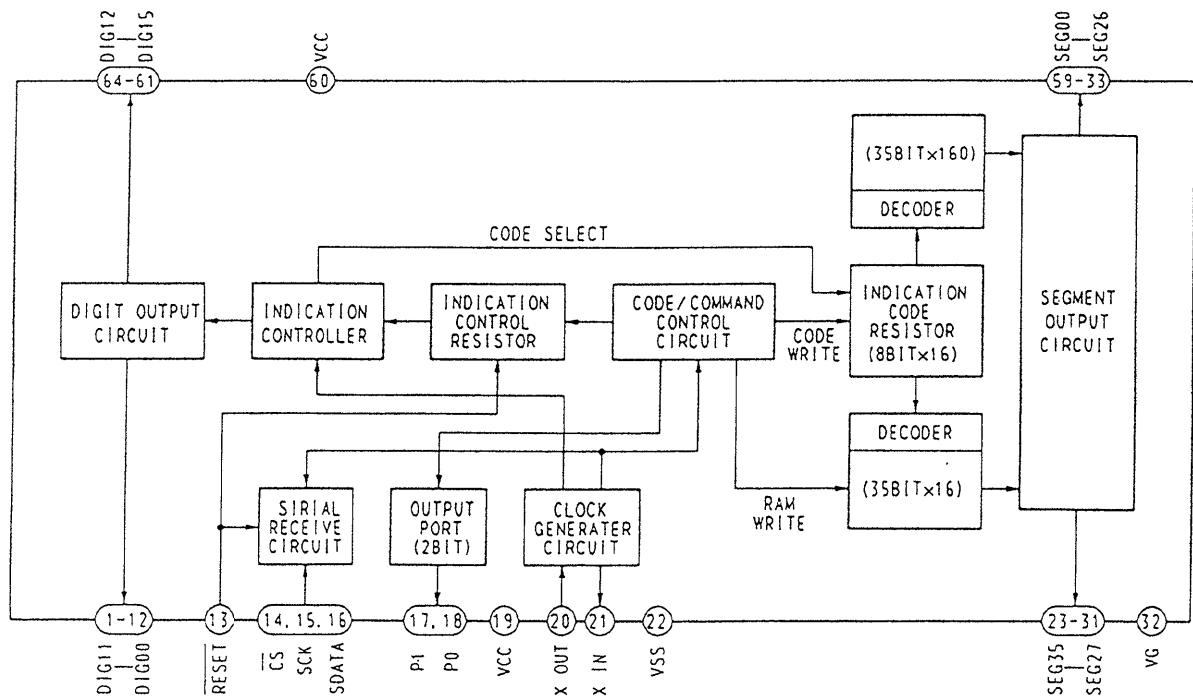
IC101 M50253P



IC103 LB1639



IC105 M66004M6FP



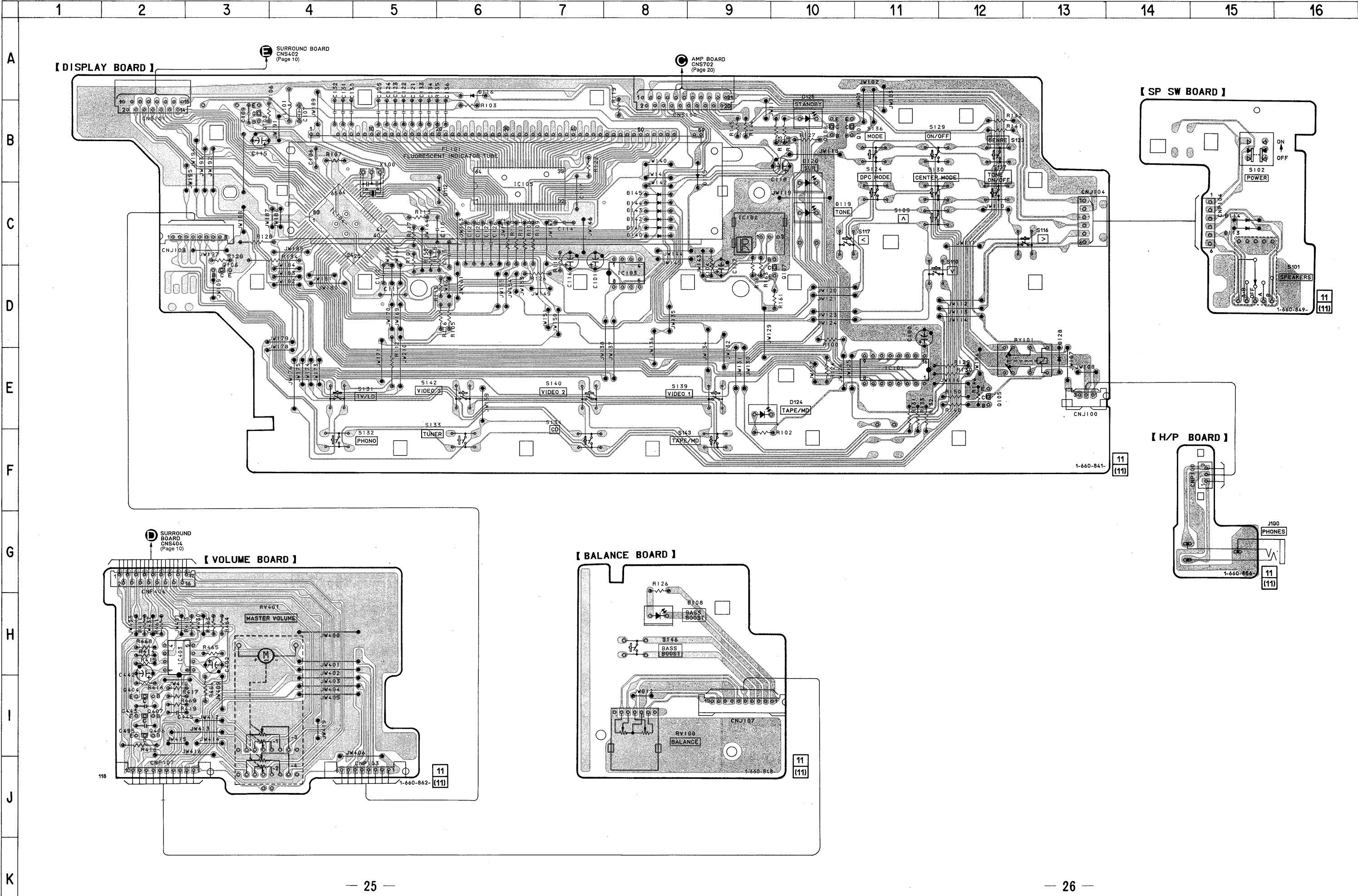
3-6. PRINTED WIRING BOARDS (DISPLAY SECTION)

● SEMICONDUCTOR LOCATION

Ref. No.	Location
D108	H - 8
D112	C - 6
D113	C - 15
D114	C - 15
D115	B - 9
D116	A - 6
D119	C - 10
D120	C - 10
D124	E - 9
D125	B - 10
D128	E - 13
D140	C - 8
D141	C - 8
D142	C - 8
D143	C - 8
D144	C - 8
D145	C - 8
IC101	E - 11
IC102	C - 9
IC103	D - 8
IC104	C - 4
IC105	C - 6
IC403	H - 2
Q101	B - 10
Q103	B - 3
Q105	E - 12
Q106	D - 3
Q107	D - 10
Q108	B - 10
Q404	I - 2
Q406	I - 2
Q407	I - 2

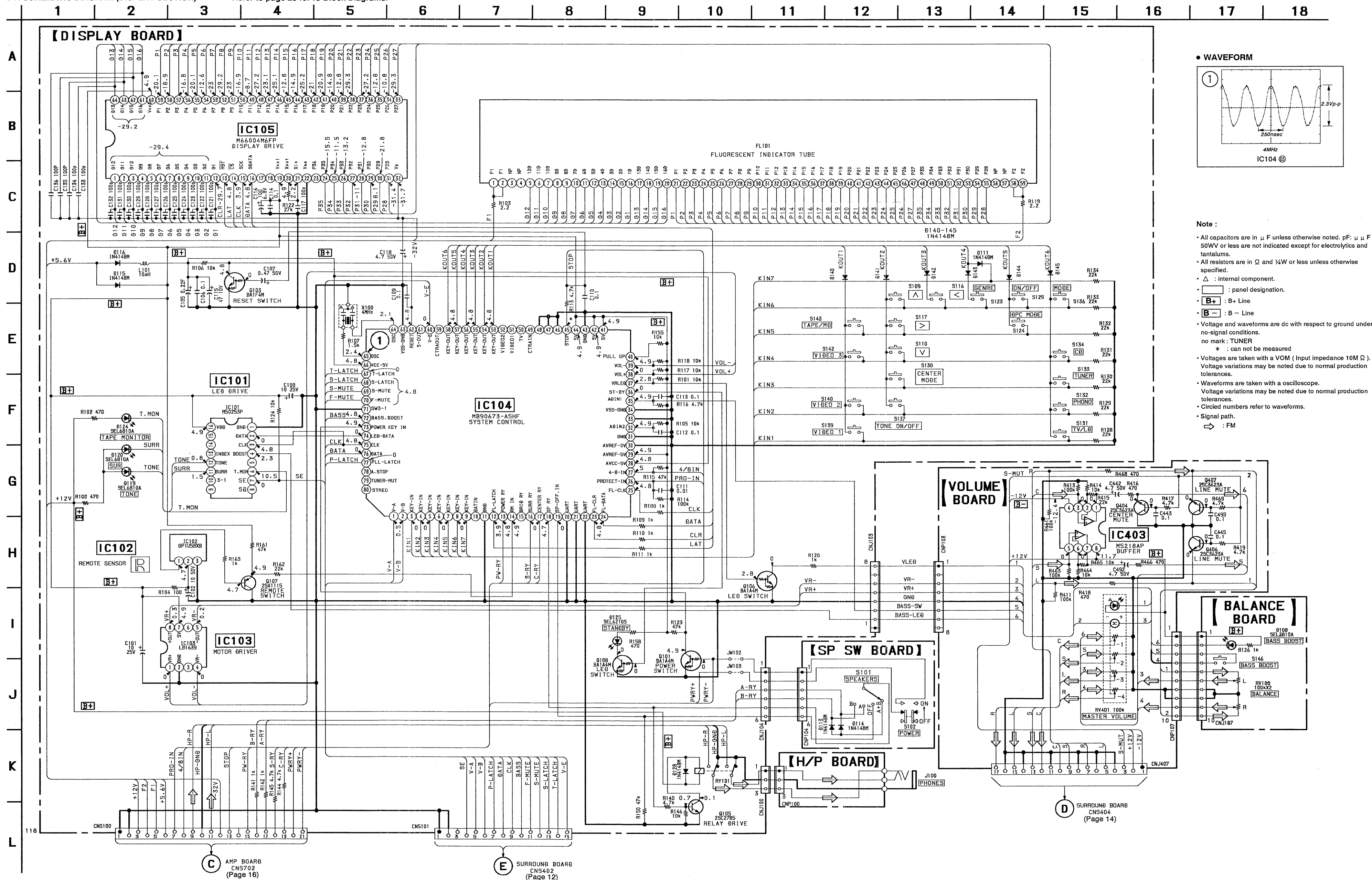
Note:

- : parts extracted from the component side.
- : parts extracted from the conductor side.
- △ : internal component.
- ▨ : Pattern from the side which enables seeing.
(The other layers' patterns are not indicated)

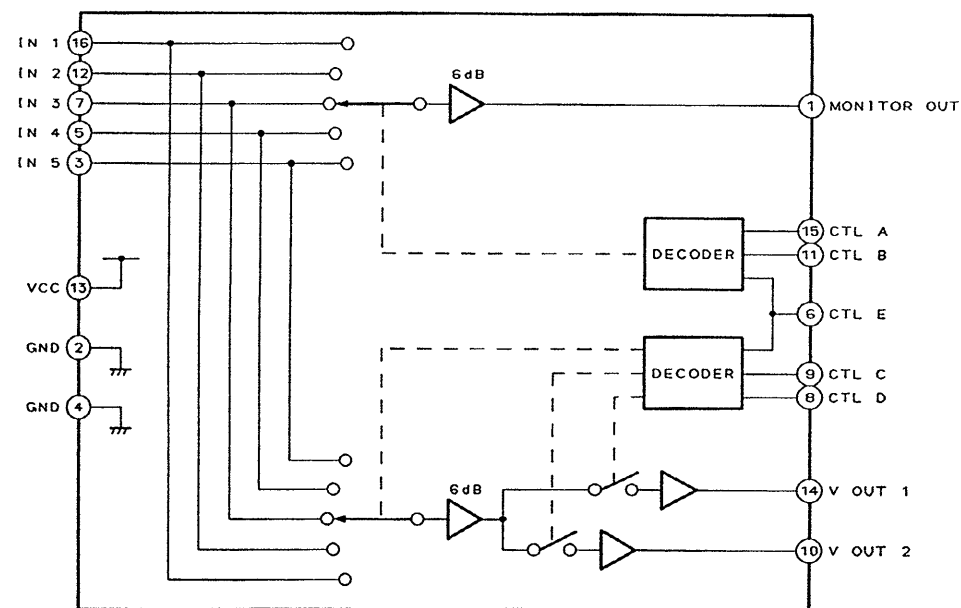


3-7. SCHEMATIC DIAGRAM (DISPLAY SECTION)

• Refer to page 23 for IC Block Diagrams.



IC201, 203, 204 SN761200



The schematic diagram illustrates a 15-pin D-sub connector circuit. It features a central horizontal line labeled 'SUB'. The circuit is composed of various electronic components connected to pins 1 through 15:

- Pin 1:** Connected to the base of a PNP transistor.
- Pin 2:** Connected to the emitter of a PNP transistor.
- Pin 3:** Connected to the base of a PNP transistor.
- Pin 4:** Connected to the emitter of a PNP transistor.
- Pin 5:** Connected to the base of a PNP transistor.
- Pin 6:** Connected to the emitter of a PNP transistor.
- Pin 7:** Connected to the base of a PNP transistor.
- Pin 8:** Connected to the emitter of a PNP transistor.
- Pin 9:** Connected to the base of a PNP transistor.
- Pin 10:** Connected to the emitter of a PNP transistor.
- Pin 11:** Connected to the base of a PNP transistor.
- Pin 12:** Connected to the emitter of a PNP transistor.
- Pin 13:** Connected to the base of a PNP transistor.
- Pin 14:** Connected to the emitter of a PNP transistor.
- Pin 15:** Connected to the base of a PNP transistor.

The circuit includes several transistors (PNP and NPN), diodes, and resistors. A central line labeled 'SUB' is connected to pins 5, 8, and 11. The circuit is designed to interface with a 15-pin D-sub connector.

SECTION 4

EXPLODED VIEWS

NOTE :

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

- ### ● Color indication of Appearance Parts

Example :

KNOB, BALANCE (WHITE) (RED)

Parts color Cabinet's color

- 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.

- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.

- ### ● Abbreviation

SP : Singapore

MY : Malaysia

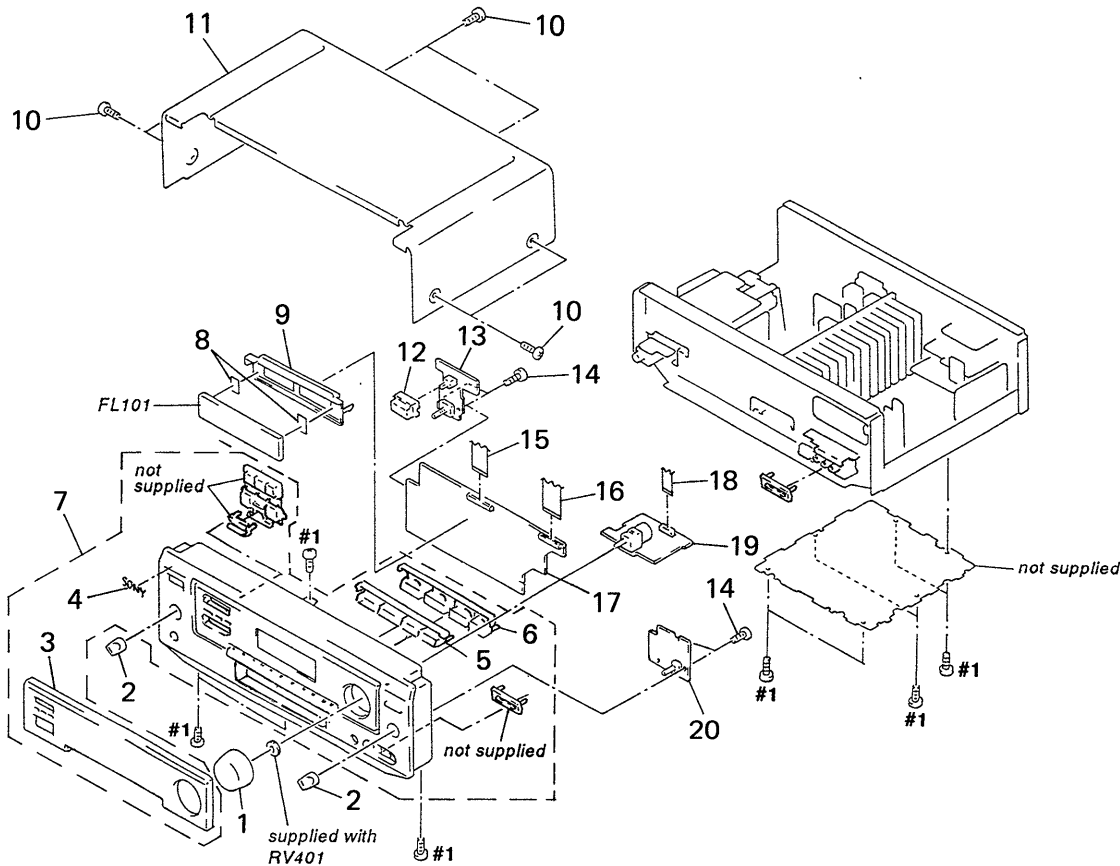
IT : Italian

CH : Chinese

G : German

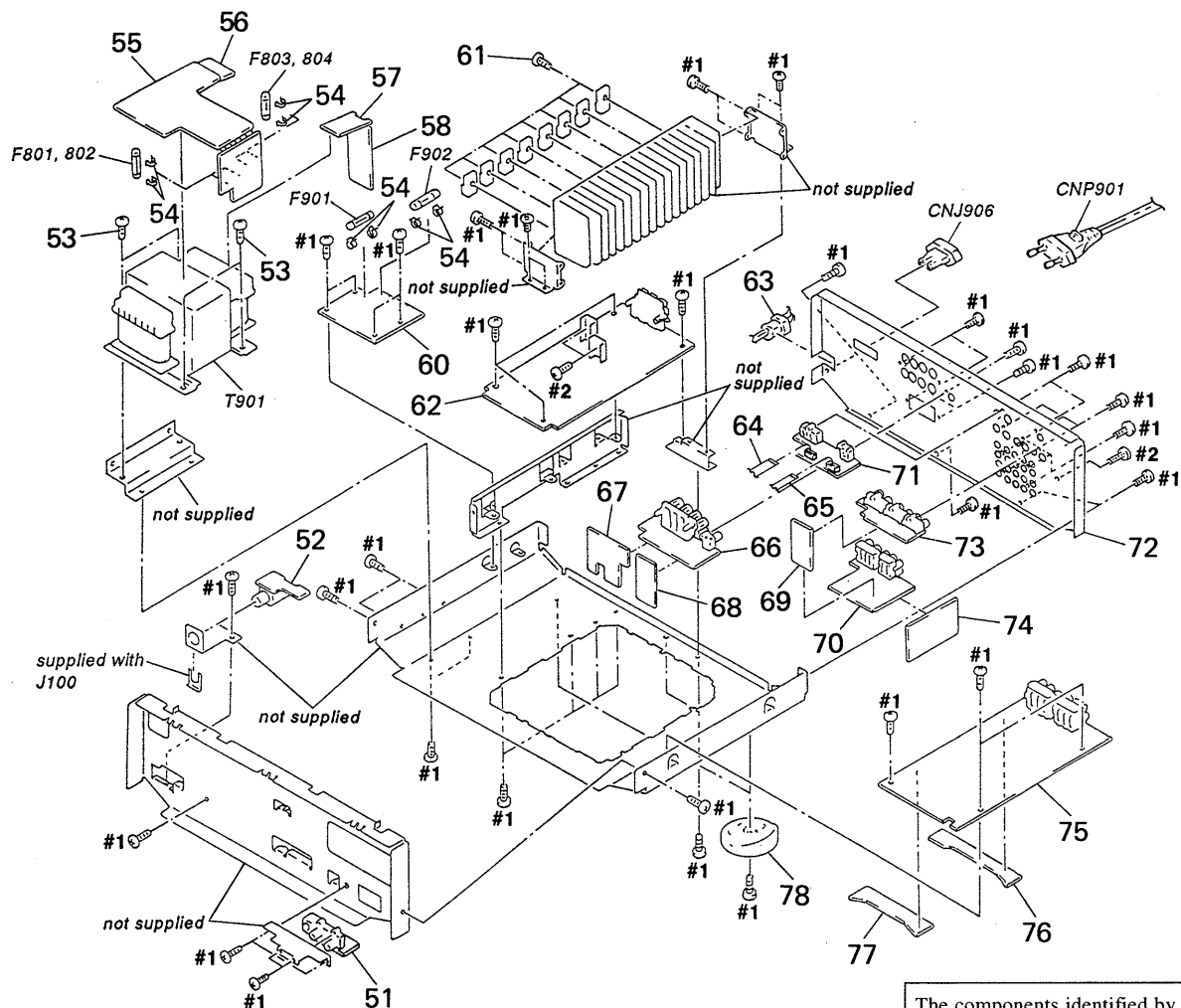
The components identified by mark  or dotted line with mark  are critical for safety.
Replace only with part number specified.

4-1. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	X-4947-074-1	KNOB (R48) ASSY (BLACK)		10	3-704-366-01	SCREW (CASE) (M3X8) (BLACK)	
1	X-4947-394-1	KNOB (R48) ASSY (GOLD)		10	3-704-366-11	SCREW (CASE) (M3X8) (GOLD)	
2	4-957-383-01	KNOB (F14)		11	X-4947-723-1	CASE ASSY (GOLD)	
3	4-980-631-51	PLATE (A4),INDICATION		11	X-4947-722-1	CASE ASSY (BLACK)	
4	4-963-404-21	EMBLEM (5-A), SONY (BLACK)		12	4-980-109-01	BUTTON (P-M)	
4	4-963-404-41	EMBLEM (5-A), SONY (GOLD)		* 13	1-660-849-11	SP SW BOARD	
5	4-981-646-11	BUTTON (F-A) (BLACK)		14	4-951-620-01	SCREW (2.6X8), +BVTP	
5	4-981-646-21	BUTTON (F-A) (GOLD)		15	1-773-154-11	WIRE (FLAT TYPE) (21 CORE)	
6	4-981-647-11	BUTTON (F-B) (BLACK)		16	1-773-025-11	WIRE (FLAT TYPE) (15 CORE)	
6	4-981-647-21	BUTTON (F-B) (GOLD)		* 17	A-4390-064-A	DISPLAY BOARD, COMPLETE	
7	X-4947-068-1	PANEL ASSY, FRONT (BLACK)		18	1-773-040-11	WIRE (FLAT TYPE) (17 CORE)	
7	X-4947-393-1	PANEL ASSY, FRONT (GOLD)		* 19	1-660-842-11	VOLUME BOARD	
* 8	4-921-941-01	CUSHION (FL)		* 20	1-660-848-11	BALANCE BOARD	
* 9	4-981-656-01	HOLDER (C), FL INDICATION TUBE		FL101	1-517-519-11	INDICATOR TUBE, FLUORESCENT	

4-2. CHASSIS SECTION



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

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
* 51	1-660-844-11	VIDEO 3 BOARD		* 71	1-660-855-11	Y/C VIDEO BOARD	
* 52	1-660-856-11	H/P BOARD		* 72	4-981-658-01	PANEL, BACK (AEP,UK,G,IT)	
53	4-381-962-11	SCREW +BVTT 4X8 (S)		* 72	4-981-658-11	PANEL, BACK (SP,MY,CH)	
54	1-533-217-31	HOLDER,FUSE		* 73	A-4390-069-A	VIDEO BOARD, COMPLETE	
* 55	1-660-860-11	SECONDARY BOARD		* 74	1-660-847-11	PHONO AMP BOARD	
* 56	1-660-859-11	FF TRANSFORMER BOARD		* 75	A-4390-076-A	AMP BOARD, COMPLETE	
* 57	1-660-846-11	PRIMARY JOINT BOARD		* 76	1-660-864-11	CONT AS-1 BOARD	
* 58	1-660-845-11	PRIMARY TRANSFORMER BOARD		* 77	1-660-865-11	CONT AS-2 BOARD	
* 59	1-660-860-11	SECONDARY BOARD		78	X-4947-207-1	FOOT ASSY (F50150S) (BLACK)	
* 60	1-660-857-11	STANDBY BOARD		78	X-4947-547-1	FOOT ASSY (F50150S) (GOLD)	
61	3-905-609-01	SCREW (TRANSISTOR)		Δ CNJ906	1-526-794-11	OUTLET, AC (AC OUTLET)	
* 62	A-4390-077-A	SURROUND BOARD, COMPLETE		Δ CNP901	1-769-744-11	CORD, POWER	
* 63	3-703-244-00	BUSHING (2104), CORD		Δ F801	1-532-506-51	FUSE, TIME LAG (T6.3AL/250V)	
64	1-769-876-11	WIRE (FLAT TYPE) (7 CORE)		Δ F802	1-532-506-51	FUSE, TIME LAG (T6.3AL/250V)	
65	1-769-861-11	WIRE (FLAT TYPE) (5 CORE)		Δ F803	1-532-465-51	FUSE, TIME LAG (T3.15AL/250V)	
* 66	1-660-858-11	SP TM BOARD		Δ F804	1-532-465-51	FUSE, TIME LAG (T3.15AL/250V)	
* 67	1-660-854-11	STANDBY TO AMP JOINT BOARD		Δ F901	1-532-465-51	FUSE, TIME LAG (T3.15AL/250V)	
* 68	1-660-852-11	SP JOINT BOARD		Δ F902	1-532-464-51	FUSE, TIME LAG (T2.5AL/250V)	
* 69	1-660-843-11	F2 TO F3 BOARD		Δ T901	1-429-610-11	TRANSFORMER, POWER	
* 70	1-660-850-11	AUDIO (F2) BOARD					

SECTION 5 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, -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
All resistors are in ohms
METAL : Metal-film resistor
METAL OXIDE :Metal oxide-film resistor
F : nonflammable
- Items marked " * "are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

● SEMICONDUCTORS

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

● CAPACITORS

uF : μ F

● COILS

uH : μ H

● Abbreviation

SP : Singapore

IT : Italian

G : German

MY : Malaysia

CH : Chinese

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.

Ref. No.	Part No.	Description	Remark		
*	A-4390-076-A	AMP BOARD, COMPLETE *****			
	7-682-548-04	SCREW +BVTT 3X8 (S)			
< CAPACITOR >					
C601	1-124-910-11	ELECT	47uF	20%	50V
C602	1-107-597-11	CERAMIC	22PF	10%	500V
C603	1-107-597-11	CERAMIC	22PF	10%	500V
C604	1-136-157-00	FILM	0.022uF	5%	50V
C606	1-162-286-31	CERAMIC	220PF	10%	50V
C610	1-164-159-11	CERAMIC	0.1uF		50V
C611	1-164-096-11	CERAMIC	0.01uF		50V
C621	1-126-963-11	ELECT	4.7uF	20%	50V
C622	1-162-282-31	CERAMIC	100PF	10%	50V
C623	1-162-282-31	CERAMIC	100PF	10%	50V
C624	1-104-665-11	ELECT	100uF	20%	16V
C626	1-136-157-00	FILM	0.022uF	5%	50V
C656	1-126-963-11	ELECT	4.7uF	20%	50V
C661	1-164-096-11	CERAMIC	0.01uF		50V
C671	1-126-963-11	ELECT	4.7uF	20%	50V
C672	1-162-282-31	CERAMIC	100PF	10%	50V
C673	1-162-282-31	CERAMIC	100PF	10%	50V
C674	1-104-665-11	ELECT	100uF	20%	16V
C676	1-136-157-00	FILM	0.022uF	5%	50V
C701	1-124-910-11	ELECT	47uF	20%	50V
C702	1-107-597-11	CERAMIC	22PF	10%	500V
C703	1-107-597-11	CERAMIC	22PF	10%	500V
C704	1-136-157-00	FILM	0.022uF	5%	50V
C706	1-162-286-31	CERAMIC	220PF	10%	50V
C711	1-126-941-11	ELECT	470uF	20%	6.3V
C712	1-124-463-00	ELECT	0.1uF	20%	50V
C751	1-124-910-11	ELECT	47uF	20%	50V
C752	1-107-597-11	CERAMIC	22PF	10%	500V
C753	1-107-597-11	CERAMIC	22PF	10%	500V
C754	1-136-157-00	FILM	0.022uF	5%	50V
C756	1-162-286-31	CERAMIC	220PF	10%	50V

Ref. No.	Part No.	Description	Remark		
C801	1-124-907-11	ELECT	10uF	20%	50V
C802	1-124-910-11	ELECT	47uF	20%	50V
C803	1-111-263-11	ELECT	10000uF	20%	56V
C804	1-111-263-11	ELECT	10000uF	20%	56V
C805	1-137-420-11	FILM	0.047uF	10%	100V
C806	1-137-420-11	FILM	0.047uF	10%	100V
C807	1-104-664-11	ELECT	47uF	20%	16V
C808	1-104-664-11	ELECT	47uF	20%	16V
C811	1-126-974-11	ELECT	3300uF	20%	50V
C812	1-126-974-11	ELECT	3300uF	20%	50V
C813	1-136-163-00	FILM	0.068uF	5%	50V
C814	1-136-163-00	FILM	0.068uF	5%	50V
C815	1-124-910-11	ELECT	47uF	20%	50V
C816	1-124-910-11	ELECT	47uF	20%	50V

< CONNECTOR >

CNJ601	1-770-404-11	HOUSING,CONNECTOR(PC BOARD)11P
CNJ701	1-770-404-11	HOUSING,CONNECTOR(PC BOARD)11P
CNJ803	1-770-383-11	CONNECTOR, BOARD TO BOARD 14P
CNP702	1-770-481-11	PIN, CONNECTOR 4P
* CNP801	1-560-259-00	CONNECTOR PIN,WITH LOCK.6P
* CNP802	1-565-495-11	CONNECTOR, BOARD TO BOARD 4P
CNS702	1-568-838-11	SOCKET, CONNECTOR 21P

< DIODE >

D601	8-719-987-63	DIODE 1N4148M
D602	8-719-010-06	DIODE UZ-2.2BS
D603	8-719-010-06	DIODE UZ-2.2BS
D604	8-719-987-63	DIODE 1N4148M
D607	8-719-987-63	DIODE 1N4148M
D608	8-719-987-63	DIODE 1N4148M
D631	8-719-987-63	DIODE 1N4148M
D632	8-719-987-63	DIODE 1N4148M
D701	8-719-987-63	DIODE 1N4148M
D702	8-719-010-06	DIODE UZ-2.2BS
D703	8-719-010-06	DIODE UZ-2.2BS
D704	8-719-987-63	DIODE 1N4148M

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
D710	8-719-815-85	DIODE 1S1585		R603	1-249-421-11	CARBON 2.2K 5%	1/4W
D711	8-719-815-85	DIODE 1S1585		R604	1-249-414-11	CARBON 560 5%	1/4W
D713	8-719-987-63	DIODE 1N4148M		R605	1-249-393-11	CARBON 10 5%	1/4W
D714	8-719-987-63	DIODE 1N4148M		△ R606	1-233-352-21	ENCAPSULATED COMPONENT	F
D716	8-719-987-63	DIODE 1N4148M		R610	1-249-427-11	CARBON 6.8K 5%	1/4W
D751	8-719-987-63	DIODE 1N4148M		R611	1-249-419-11	CARBON 1.5K 5%	1/4W
D752	8-719-010-06	DIODE UZ-2.2BS		R613	1-249-389-11	CARBON 4.7 5%	1/4W
D753	8-719-010-06	DIODE UZ-2.2BS		R614	1-249-439-11	CARBON 68K 5%	1/4W
D754	8-719-987-63	DIODE 1N4148M		R615	1-249-393-11	CARBON 10 5%	1/4W
D763	8-719-987-63	DIODE 1N4148M		R621	1-249-438-11	CARBON 56K 5%	1/4W
D801	8-719-002-76	DIODE UZL-36H		R623	1-249-411-11	CARBON 330 5%	1/4W
D802	8-719-302-38	DIODE RBV-602-01		R624	1-249-438-11	CARBON 56K 5%	1/4W
D803	8-719-028-23	DIODE D3SBA20-4101		R625	1-249-389-11	CARBON 4.7 5%	1/4W
< IC >				R626	1-249-438-11	CARBON 56K 5%	1/4W
IC601	8-759-085-89	IC LM3875-S		R627	1-249-393-11	CARBON 10 5%	1/4W
IC671	8-759-085-89	IC LM3875-S		R631	1-249-429-11	CARBON 10K 5%	1/4W
IC801	8-759-604-39	IC M5F78M12		R632	1-249-425-11	CARBON 4.7K 5%	1/4W
IC803	8-759-604-45	IC M5F79M12		R633	1-249-411-11	CARBON 330 5%	1/4W
< COIL >				R634	1-249-411-11	CARBON 330 5%	1/4W
L601	1-420-872-00	COIL, AIR-CORE		R635	1-249-429-11	CARBON 10K 5%	1/4W
L602	1-420-872-00	COIL, AIR-CORE		R636	1-249-425-11	CARBON 4.7K 5%	1/4W
L652	1-420-872-00	COIL, AIR-CORE		R662	1-249-417-11	CARBON 1K 5%	1/4W
< TRANSISTOR >				R671	1-249-438-11	CARBON 56K 5%	1/4W
Q601	8-729-119-76	TRANSISTOR 2SA1175-HFE		R672	1-249-417-11	CARBON 1K 5%	1/4W
Q602	8-729-141-30	TRANSISTOR 2SC3623A-LK		R673	1-249-411-11	CARBON 330 5%	1/4W
Q603	8-749-010-25	IC MN2488-OPY-M		R674	1-249-438-11	CARBON 56K 5%	1/4W
Q604	8-749-010-26	IC MP1620-OPY-M		R675	1-249-389-11	CARBON 4.7 5%	1/4W
Q605	8-729-140-82	TRANSISTOR 2SA988-PAFAEA		R676	1-249-437-11	CARBON 47K 5%	1/4W
Q607	8-729-119-79	TRANSISTOR 2SC2785-FEK		R677	1-249-393-11	CARBON 10 5%	1/4W
Q608	8-729-119-79	TRANSISTOR 2SC2785-FEK		R700	1-249-437-11	CARBON 47K 5%	1/4W
Q701	8-729-119-76	TRANSISTOR 2SA1175-HFE		R701	1-249-393-11	CARBON 10 5%	1/4W
Q702	8-729-141-30	TRANSISTOR 2SC3623A-LK		R703	1-249-421-11	CARBON 2.2K 5%	1/4W
Q703	8-749-010-25	IC MN2488-OPY-M		R704	1-249-414-11	CARBON 560 5%	1/4W
Q704	8-749-010-26	IC MP1620-OPY-M		R705	1-249-393-11	CARBON 10 5%	1/4W
Q705	8-729-140-82	TRANSISTOR 2SA988-PAFAEA		△ R706	1-233-352-21	ENCAPSULATED COMPONENT	F
Q711	8-729-140-82	TRANSISTOR 2SA988-PAFAEA		R710	1-249-427-11	CARBON 6.8K 5%	1/4W
Q712	8-729-119-79	TRANSISTOR 2SC2785-FEK		R711	1-249-419-11	CARBON 1.5K 5%	1/4W
Q713	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA		R714	1-249-437-11	CARBON 47K 5%	1/4W
Q751	8-729-119-76	TRANSISTOR 2SA1175-HFE		R715	1-249-393-11	CARBON 10 5%	1/4W
Q752	8-729-141-30	TRANSISTOR 2SC3623A-LK		△ R719	1-215-868-00	METAL OXIDE 680 5%	1W F
Q753	8-749-010-25	IC MN2488-OPY-M		R721	1-249-429-11	CARBON 10K 5%	1/4W
Q754	8-749-010-26	IC MP1620-OPY-M		R722	1-249-435-11	CARBON 33K 5%	1/4W
Q755	8-729-140-82	TRANSISTOR 2SA988-PAFAEA		R723	1-249-427-11	CARBON 6.8K 5%	1/4W
Q801	8-729-140-97	TRANSISTOR 2SB734-34		R727	1-249-417-11	CARBON 1K 5%	1/4W
Q802	8-729-119-79	TRANSISTOR 2SC2785-FEK		R735	1-249-409-11	CARBON 220 5%	1/4W
< RESISTOR >				R740	1-249-429-11	CARBON 10K 5%	1/4W
R600	1-249-437-11	CARBON 47K 5%	1/4W	R750	1-249-437-11	CARBON 47K 5%	1/4W
R601	1-249-393-11	CARBON 10 5%	1/4W	R751	1-249-393-11	CARBON 10 5%	1/4W
				R753	1-249-421-11	CARBON 2.2K 5%	1/4W
				R754	1-249-414-11	CARBON 560 5%	1/4W
				R755	1-249-393-11	CARBON 10 5%	1/4W
				△ R756	1-233-352-21	ENCAPSULATED COMPONENT	F

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

AMP	AUDIO (F2)	BALANCE	CONT AS-1
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Ref. No.	Part No.	Description			Remark
R760	1-249-427-11	CARBON	6.8K	5%	1/4W
R761	1-249-419-11	CARBON	1.5K	5%	1/4W
R764	1-249-438-11	CARBON	56K	5%	1/4W
R765	1-249-393-11	CARBON	10	5%	1/4W
△ R769	1-215-868-00	METAL OXIDE	680	5%	1W F
R801	1-247-843-11	CARBON	3.3K	5%	1/4W
R802	1-249-409-11	CARBON	220	5%	1/4W
△ R803	1-215-883-11	METAL OXIDE	33	5%	2W F
△ R804	1-215-883-11	METAL OXIDE	33	5%	2W F
△ R806	1-215-883-11	METAL OXIDE	33	5%	2W F
R807	1-249-425-11	CARBON	4.7K	5%	1/4W
R808	1-249-429-11	CARBON	10K	5%	1/4W
R809	1-249-405-11	CARBON	100	5%	1/4W
R810	1-249-405-11	CARBON	100	5%	1/4W
R811	1-249-385-11	CARBON	2.2	5%	1/6W
△ R813	1-215-883-11	METAL OXIDE	33	5%	2W F
△ R814	1-215-883-11	METAL OXIDE	33	5%	2W F
△ R815	1-215-883-11	METAL OXIDE	33	5%	2W F
△ R816	1-215-883-11	METAL OXIDE	33	5%	2W F
△ R817	1-215-883-11	METAL OXIDE	33	5%	2W F
< RELAY >					
RY601	1-515-765-11	RELAY			
RY602	1-515-920-11	RELAY (24V)			
< TERMINAL >					
TM601	1-537-510-11	TERMINAL BOARD (SPEAKER) (6P) (SURROUND SPEAKERS)			

*	1-660-850-11	AUDIO (F2) BOARD			

< CAPACITOR >					
C395	1-162-282-31	CERAMIC	100PF	10%	50V
C396	1-162-294-31	CERAMIC	0.001uF	10%	50V
< CONNECTOR >					
CNJ302	1-695-095-11	SOCKET, CONNECTOR 13P			
CNP301	1-750-180-11	PIN, CONNECTOR (PC BOARD) 5P			
< DIODE >					
D113	8-719-987-63	DIODE 1N4148M			
D114	8-719-987-63	DIODE 1N4148M			
< IC >					
IC304	8-759-805-14	IC LC7822			
< JACK >					
J305	1-580-825-11	JACK, PIN 6P (VIDEO 1(AUDIO OUT,AUDIO IN) VIDEO 2(AUDIO IN))			

Ref. No.	Part No.	Description			Remark
J306	1-573-028-21	JACK, PIN 4P (TV/LD(AUDIO IN), VIDEO 2(AUDIO IN,OUT))			
< RESISTOR >					
R322	1-249-417-11	CARBON	1K	5%	1/4W
R324	1-249-417-11	CARBON	1K	5%	1/4W
R325	1-249-417-11	CARBON	1K	5%	1/4W
R326	1-249-417-11	CARBON	1K	5%	1/4W
R327	1-249-417-11	CARBON	1K	5%	1/4W
R372	1-249-417-11	CARBON	1K	5%	1/4W
R374	1-249-417-11	CARBON	1K	5%	1/4W
R375	1-249-417-11	CARBON	1K	5%	1/4W
R376	1-249-417-11	CARBON	1K	5%	1/4W
R377	1-249-417-11	CARBON	1K	5%	1/4W
R395	1-249-417-11	CARBON	1K	5%	1/4W
R396	1-249-425-11	CARBON	4.7K	5%	1/4W

*	1-660-848-11	BALANCE BOARD			

< CONNECTOR >					
CNJ107	1-770-403-11	HOUSING,CONNECTOR (PC BOARD)10P			
< DIODE >					
D108	8-719-301-49	LED SEL2810A (BASS BOOST)			
< RESISTOR >					
R126	1-249-417-11	CARBON	1K	5%	1/4W
< VARIABLE RESISTOR >					
RV100	1-223-880-11	RES, VAR, CARBON 100K/100K (BALANCE)			
< SWITCH >					
S146	1-554-303-21	SWITCH, TACTILE (BASS BOOST)			

*	1-660-864-11	CONT AS-1 BOARD			

< CONNECTOR >					
CNP501	1-770-553-11	CONNECTOR, BOARD TO BOARD 11P			
CNP701	1-770-553-11	CONNECTOR, BOARD TO BOARD 11P			

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

Ref. No.	Part No.	Description	Remark
*	1-660-865-11	CONT AS-2 BOARD *****	
		< CONNECTOR >	
CNP502	1-770-553-11	CONNECTOR, BOARD TO BOARD 11P	
CNP601	1-770-553-11	CONNECTOR, BOARD TO BOARD 11P	

*	A-4390-064-A	DISPLAY BOARD, COMPLETE *****	
*	4-921-941-01	CUSHION (FL)	
*	4-981-656-01	HOLDER (C), FL INDICATION TUBE	
		< CAPACITOR >	
C100	1-126-096-11	ELECT 10uF 20% 35V	
C101	1-126-096-11	ELECT 10uF 20% 35V	
C102	1-124-261-00	ELECT 10uF 20% 50V	
C105	1-104-905-11	CAPACITOR 0.22F 5.5V	
C106	1-164-159-11	CERAMIC 0.1uF 50V	
C107	1-136-173-00	FILM 0.47uF 5% 50V	
C109	1-164-159-11	CERAMIC 0.1uF 50V	
C110	1-164-159-11	CERAMIC 0.1uF 50V	
C111	1-162-306-11	CERAMIC 0.01uF 30% 16V	
C112	1-164-159-11	CERAMIC 0.1uF 50V	
C113	1-164-159-11	CERAMIC 0.1uF 50V	
C114	1-164-159-11	CERAMIC 0.1uF 50V	
C115	1-124-589-11	ELECT 47uF 20% 16V	
C116	1-124-468-11	ELECT 100uF 20% 6.3V	
C117	1-162-282-31	CERAMIC 100PF 10% 50V	
C118	1-126-163-11	ELECT 4.7uF 20% 50V	
C121	1-162-282-31	CERAMIC 100PF 10% 50V	
C122	1-162-282-31	CERAMIC 100PF 10% 50V	
C123	1-162-282-31	CERAMIC 100PF 10% 50V	
C124	1-162-282-31	CERAMIC 100PF 10% 50V	
C125	1-162-282-31	CERAMIC 100PF 10% 50V	
C126	1-162-282-31	CERAMIC 100PF 10% 50V	
C127	1-162-282-31	CERAMIC 100PF 10% 50V	
C128	1-162-282-31	CERAMIC 100PF 10% 50V	
C129	1-162-282-31	CERAMIC 100PF 10% 50V	
C130	1-162-282-31	CERAMIC 100PF 10% 50V	
C131	1-162-282-31	CERAMIC 100PF 10% 50V	
C132	1-162-282-31	CERAMIC 100PF 10% 50V	
C133	1-162-282-31	CERAMIC 100PF 10% 50V	
C134	1-162-282-31	CERAMIC 100PF 10% 50V	
C135	1-162-282-31	CERAMIC 100PF 10% 50V	
C136	1-162-282-31	CERAMIC 100PF 10% 50V	
		< CONNECTOR>	
CNJ100	1-770-396-11	HOUSING, CONNECTOR(PC BOARD)3P	
CNJ103	1-770-401-11	HOUSING, CONNECTOR(PC BOARD)8P	
* CNJ104	1-565-482-11	CONNECTOR, BOARD TO BOARD 6P	
* CNS100	1-568-864-11	SOCKET, CONNECTOR 21P	

Ref. No.	Part No.	Description	Remark
* CNS101	1-568-858-11	SOCKET, CONNECTOR 15P	
		< DIODE >	
D112	8-719-987-63	DIODE 1N4148M	
D115	8-719-987-63	DIODE 1N4148M	
D116	8-719-987-63	DIODE 1N4148M	
D119	8-719-301-49	LED SEL2810A (TONE)	
D120	8-719-301-49	LED SEL2810A (SURR)	
D124	8-719-301-49	LED SEL2810A (TAPE/MD)	
D125	8-719-313-43	LED SEL6210S-TH10 (STANDBY)	
D128	8-719-987-63	DIODE 1N4148M	
D140	8-719-987-63	DIODE 1N4148M	
D141	8-719-987-63	DIODE 1N4148M	
D142	8-719-987-63	DIODE 1N4148M	
D143	8-719-987-63	DIODE 1N4148M	
D144	8-719-987-63	DIODE 1N4148M	
D145	8-719-987-63	DIODE 1N4148M	
		< FLUORESCENT FILTER INDICATOR TUBE >	
FL101	1-517-519-11	INDICATOR TUBE, FLUORESCENT	
		< IC >	
IC101	8-759-635-31	IC M50253P	
IC102	8-749-923-11	IC GP1U58XB	
IC103	8-759-820-62	IC LB1639	
IC104	8-759-398-27	IC MB90673PF-G-156-BND	
IC105	8-759-261-63	IC M66004M6FP	
		< COIL >	
L101	1-410-509-11	INDUCTOR 10uH	
		< TRANSISTOR >	
Q101	8-729-900-80	TRANSISTOR DTC114ES	
Q103	8-729-900-36	TRANSISTOR DTC124ES	
Q105	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q106	8-729-900-80	TRANSISTOR DTC114ES	
Q107	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q108	8-729-900-80	TRANSISTOR DTC114ES	
		< RESISTOR >	
R100	1-249-413-11	CARBON 470 5% 1/4W	
R101	1-249-429-11	CARBON 10K 5% 1/4W	
R102	1-249-413-11	CARBON 470 5% 1/4W	
R103	1-249-385-11	CARBON 2.2 5% 1/6W	
R104	1-247-807-31	CARBON 100 5% 1/4W	
R105	1-249-429-11	CARBON 10K 5% 1/4W	
R106	1-249-429-11	CARBON 10K 5% 1/4W	
R107	1-249-419-11	CARBON 1.5K 5% 1/4W	
R108	1-249-417-11	CARBON 1K 5% 1/4W	
R109	1-249-417-11	CARBON 1K 5% 1/4W	
R110	1-249-417-11	CARBON 1K 5% 1/4W	

PHONO AMP

Ref. No.	Part No.	Description	Remark
S140	1-554-303-21	SWITCH, TACTILE (VIDEO 2)	
S142	1-554-303-21	SWITCH, TACTILE (VIDEO 3)	
S143	1-554-303-21	SWITCH, TACTILE (TAPE/MD)	
< VIBRATOR >			
X100	1-567-819-11	VIBRATOR, CERAMIC (4.00MHz)	

*	1-660-843-11	F2 TO F3 BOARD	

< CONNECTOR >			
CNJ301	1-750-179-11	SOCKET, CONNECTOR 5P	
CNP201	1-750-180-11	PIN, CONNECTOR (PC BOARD) 5P	

*	1-660-859-11	FF TRANSFORMER BOARD	

*	1-660-856-11	H/P BOARD	

< CONNECTOR >			
CNP100	1-770-387-11	PIN, CONNECTOR (PC BOARD) 3P	
< JACK >			
J100	1-568-519-41	JACK, LARGE TYPE (PHONES)	

*	1-660-847-11	PHONO AMP BOARD	

< CAPACITOR >

C303	1-162-282-31	CERAMIC	100PF	10%	50V
C304	1-104-664-11	ELECT	47uF	20%	25V
C305	1-130-480-00	MYLAR	0.0056uF	5%	50V
C306	1-130-473-00	MYLAR	0.0015uF	5%	50V
C307	1-124-903-11	ELECT	1uF	20%	50V
C308	1-164-159-11	CERAMIC	0.1uF		50V
C353	1-162-282-31	CERAMIC	100PF	10%	50V
C354	1-104-664-11	ELECT	47uF	20%	25V
C355	1-130-480-00	MYLAR	0.0056uF	5%	50V
C356	1-130-473-00	MYLAR	0.0015uF	5%	50V
C357	1-124-903-11	ELECT	1uF	20%	50V
C358	1-164-159-11	CERAMIC	0.1uF		50V
< CONNECTOR >					
CNJ303	1-695-095-11	SOCKET, CONNECTOR 13P			
CNJ304	1-695-092-11	SOCKET, CONNECTOR 7P			
CNP302	1-695-090-11	PIN, CONNECTOR (PC BOARD) 13P			

PHONO AMP

PRIMARY JOINT

PRIMARY TRANSFORMER

SECONDARY

SECONDARY JOINT

SP JOINT

SP SW

SP TM

Ref. No.	Part No.	Description	Remark			
< IC >						
IC301	8-759-634-51	IC M5218AP				
< RESISTOR >						
R303	1-249-441-11	CARBON	100K	5%	1/4W	
R304	1-249-416-11	CARBON	820	5%	1/4W	
R305	1-247-897-11	CARBON	560K	5%	1/4W	
R306	1-249-437-11	CARBON	47K	5%	1/4W	
R307	1-249-441-11	CARBON	100K	5%	1/4W	
R308	1-247-807-31	CARBON	100	5%	1/4W	
R353	1-249-441-11	CARBON	100K	5%	1/4W	
R354	1-249-416-11	CARBON	820	5%	1/4W	
R355	1-247-897-11	CARBON	560K	5%	1/4W	
R356	1-249-437-11	CARBON	47K	5%	1/4W	
R357	1-249-441-11	CARBON	100K	5%	1/4W	
R358	1-247-807-31	CARBON	100	5%	1/4W	

*	1-660-846-11	PRIMARY JOINT BOARD				

*	1-660-845-11	PRIMARY TRANSFORMER BOARD				

< CONNECTOR >						
CNJ902	1-770-568-11	SOCKET 3P				

*	1-660-860-11	SECONDARY BOARD				

< TRANSFORMER >						
△ T901	1-429-610-11	TRANSFORMER, POWER				

*	1-660-861-11	SECONDARY JOINT BOARD				

*	1-533-217-31	HOLDER, FUSE				
< CONNECTOR >						
* CNJ801	1-750-533-11	SOCKET 6P				
* CNJ802	1-565-480-11	CONNECTOR, BOARD TO BOARD 4P				
< DIODE >						
D908	8-719-014-66	DIODE UZP-5.6B				
< FUSE >						
△ F801	1-532-506-51	FUSE,TIME LAG (6.3A 250V)				
△ F802	1-532-506-51	FUSE,TIME LAG (6.3A 250V)				
△ F803	1-532-465-51	FUSE,TIME LAG (3.15A 250V)				

Ref. No.	Part No.	Description	Remark		
△ F804	1-532-465-51	FUSE, TIME LAG (3.15A 250V)			

*	1-660-852-11	SP JOINT BOARD	*****		
		< CONNECTOR >			
CNJ702	1-770-569-11	SOCKET 4P			
CNP703	1-770-481-11	PIN, CONNECTOR 4P			

*	1-660-849-11	SP SW BOARD	*****		
		< CONNECTOR >			
* CNP104	1-569-798-11	PLUG, CONNECTOR 6P			
		< SWITCH >			
S101	1-762-268-11	SWITCH, ROTARY (SPEAKERS)			
S102	1-554-118-00	SWITCH, PUSH (1 KEY)(POWER)			

*	1-660-858-11	SP TM BOARD	*****		
		< CONNECTOR >			
CNJ703	1-770-569-11	SOCKET 4P			
CNJ704	1-695-092-11	SOCKET, CONNECTOR 7P			
CNJ905	1-770-380-11	CONNECTOR, BOARD TO BOARD 8P			
		< DIODE >			
D712	8-719-987-63	DIODE 1N4148M			
D762	8-719-987-63	DIODE 1N4148M			
		< JACK >			
J701	1-770-377-21	JACK, PIN 1P (MIX(AUDIO OUT))			
		< COIL >			
L701	1-420-872-00	COIL, AIR-CORE			
L751	1-420-872-00	COIL, AIR-CORE			
		< TRANSISTOR >			
Q714	8-729-119-79	TRANSISTOR 2SC2785-FEK			
Q716	8-729-900-80	TRANSISTOR DTC114ES			
Q717	8-729-119-76	TRANSISTOR 2SA1175-HFE			
Q718	8-729-900-80	TRANSISTOR DTC114ES			
Q764	8-729-119-79	TRANSISTOR 2SC2785-FEK			
		< RESISTOR >			
R713	1-249-389-11	CARBON	4.7	5%	1/4W
R718	1-249-421-11	CARBON	2.2K	5%	1/4W
R724	1-249-429-11	CARBON	10K	5%	1/4W
R725	1-249-425-11	CARBON	4.7K	5%	1/4W

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Replace only with part number specified.

SP TM

STANDBY

STANDBY TO AMP JOINT

SURROUND

Ref. No.	Part No.	Description	Remark
R726	1-249-411-11	CARBON 330 5%	1/4W
R729	1-249-438-11	CARBON 56K 5%	1/4W
R730	1-249-438-11	CARBON 56K 5%	1/4W
R731	1-249-438-11	CARBON 56K 5%	1/4W
R732	1-249-438-11	CARBON 56K 5%	1/4W
R733	1-249-429-11	CARBON 10K 5%	1/4W
R734	1-249-429-11	CARBON 10K 5%	1/4W
R763	1-249-389-11	CARBON 4.7 5%	1/4W
R774	1-249-429-11	CARBON 10K 5%	1/4W
R775	1-249-425-11	CARBON 4.7K 5%	1/4W
R776	1-249-411-11	CARBON 330 5%	1/4W

< RELAY >

RY701	1-515-765-11	RELAY
RY702	1-515-765-11	RELAY

< TERMINAL >

* TM701 1-537-519-11 TERMINAL BOARD (SP) (FRONT SPEAKERS)

* 1-660-857-11 STANDBY BOARD

1-533-217-31 HOLDER,FUSE

< CAPACITOR >

C901	1-161-494-00	CERAMIC 0.022uF	25V
C902	1-161-494-00	CERAMIC 0.022uF	25V
C903	1-126-942-61	ELECT 1000uF 20%	25V
C904	1-124-903-11	ELECT 1uF 20%	50V
C905	1-124-902-00	ELECT 0.47uF 20%	50V
C906	1-124-464-11	ELECT 0.22uF 20%	50V
C913	1-164-159-11	CERAMIC 0.1uF	50V
C914	1-164-159-11	CERAMIC 0.1uF	50V

< AC OUTLET >

△ CNJ906 1-5269794-11 OUTLET, AC (AC OUTLET)

< CONNECTOR >

* CNP902 1-564-751-11 PIN, CONNECTOR (WITH LOCK) 2P
CNP903 1-564-321-00 PIN, CONNECTOR 2P
* CNP904 1-580-230-21 PIN, CONNECTOR (PC BOARD) 2P

< DIODE >

D901	8-719-024-99	DIODE 11ES2-NTA2B
D902	8-719-024-99	DIODE 11ES2-NTA2B
D903	8-719-024-99	DIODE 11ES2-NTA2B
D904	8-719-024-99	DIODE 11ES2-NTA2B
D905	8-719-987-63	DIODE 1N4148M
D906	8-719-987-63	DIODE 1N4148M
D907	8-719-987-63	DIODE 1N4148M

Ref. No.	Part No.	Description	Remark
		< FUSE >	

△ F901 1-532-465-51 FUSE, TIME LAG (3.15A 250V)
△ F902 1-532-464-51 FUSE, TIME LAG (2.5A 250V)

< IC >

IC901 8-759-333-83 IC NJM2103D

< TRANSISTOR >

Q901 8-729-119-79 TRANSISTOR 2SC2785-FEK
Q902 8-729-030-18 TRANSISTOR 2SD2525

< RESISTOR >

R902	1-249-429-11	CARBON 10K 5%	1/4W
R903	1-249-425-11	CARBON 4.7K 5%	1/4W
R904	1-249-417-11	CARBON 1K 5%	1/4W
R905	1-249-429-11	CARBON 10K 5%	1/4W
R906	1-247-840-00	CARBON 2.4K 5%	1/4W

R908	1-249-433-11	CARBON 22K 5%	1/4W
R909	1-249-439-11	CARBON 68K 5%	1/4W
R910	1-249-429-11	CARBON 10K 5%	1/4W
R911	1-249-417-11	CARBON 1K 5%	1/4W
R912	1-247-843-11	CARBON 3.3K 5%	1/4W

R913 1-249-429-11 CARBON 10K 5% 1/4W

< RELAY >

△ RY901 1-515-999-11 RELAY, POWER

< TRANSFORMER >

△ T902 1-450-358-11 TRANSFORMER, POWER

* 1-660-854-11 STANDBY TO AMP JOINT BOARD

< CONNECTOR >

CNP704 1-695-087-11 PIN, CONNECTOR (PC BOARD) 7P
CNP803 1-770-408-11 CONNECTOR, BOARD TO BOARD 14P
CNP905 1-770-405-11 CONNECTOR, BOARD TO BOARD 8P

* A-4390-077-A SURROUND BOARD, COMPLETE

< CAPACITOR >

C301	1-126-163-11	ELECT 4.7uF 20%	50V
C302	1-164-073-11	CERAMIC 100PF 10%	50V
C311	1-126-163-11	ELECT 4.7uF 20%	50V
C312	1-126-163-11	ELECT 4.7uF 20%	50V
C313	1-126-163-11	ELECT 4.7uF 20%	50V

C316	1-164-159-11	CERAMIC 0.1uF	50V
C351	1-126-163-11	ELECT 4.7uF 20%	50V

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Replace only with part number specified.

SURROUND

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C352	1-164-073-11	CERAMIC	100PF	10%	50V	C450	1-162-215-31	CERAMIC	47PF	5%	50V
C361	1-126-163-11	ELECT	4.7uF	20%	50V	C451	1-164-159-11	CERAMIC	0.1uF		50V
C362	1-126-163-11	ELECT	4.7uF	20%	50V	C452	1-104-666-11	ELECT	220uF	20%	10V
C363	1-126-163-11	ELECT	4.7uF	20%	50V	C453	1-136-159-00	FILM	0.033uF	5%	50V
C366	1-164-159-11	CERAMIC	0.1uF		50V	C454	1-130-473-00	MYLAR	0.0015uF	5%	50V
C397	1-164-073-11	CERAMIC	100PF	10%	50V	C455	1-136-159-00	FILM	0.033uF	5%	50V
C398	1-164-085-11	CERAMIC	0.001uF	10%	50V	C456	1-124-903-11	ELECT	1uF	20%	50V
C400	1-162-282-31	CERAMIC	100PF	10%	50V	C457	1-104-666-11	ELECT	220uF	20%	10V
C403	1-136-157-00	FILM	0.022uF	5%	50V	C461	1-164-159-11	CERAMIC	0.1uF		50V
C404	1-136-161-00	FILM	0.047uF	5%	50V	C462	1-164-159-11	CERAMIC	0.1uF		50V
C405	1-104-666-11	ELECT	220uF	20%	10V	C464	1-164-159-11	CERAMIC	0.1uF		50V
C406	1-124-907-11	ELECT	10uF	20%	50V	C470	1-136-153-00	FILM	0.01uF	5%	50V
C407	1-124-907-11	ELECT	10uF	20%	50V	C471	1-126-963-11	ELECT	4.7uF	20%	50V
C408	1-124-907-11	ELECT	10uF	20%	50V	C473	1-126-963-11	ELECT	4.7uF	20%	50V
C409	1-124-907-11	ELECT	10uF	20%	50V	C474	1-164-159-11	CERAMIC	0.1uF		50V
C410	1-104-666-11	ELECT	220uF	20%	10V	C480	1-136-153-00	FILM	0.01uF	5%	50V
C411	1-126-963-11	ELECT	4.7uF	20%	50V	C481	1-126-963-11	ELECT	4.7uF	20%	50V
C412	1-126-963-11	ELECT	4.7uF	20%	50V	C484	1-164-159-11	CERAMIC	0.1uF		50V
C413	1-136-165-00	FILM	0.1uF	5%	50V	C491	1-126-963-11	ELECT	4.7uF	20%	50V
C414	1-136-165-00	FILM	0.1uF	5%	50V	C494	1-126-963-11	ELECT	4.7uF	20%	50V
C415	1-124-902-00	ELECT	0.47uF	20%	50V	C501	1-126-963-11	ELECT	4.7uF	20%	50V
C416	1-126-963-11	ELECT	4.7uF	20%	50V	C502	1-164-073-11	CERAMIC	100PF	10%	50V
C417	1-124-902-00	ELECT	0.47uF	20%	50V	C503	1-102-989-00	CERAMIC	68PF	5%	500V
C418	1-126-963-11	ELECT	4.7uF	20%	50V	C504	1-102-989-00	CERAMIC	68PF	5%	500V
C419	1-124-250-11	ELECT	0.15uF	20%	50V	C505	1-124-443-00	ELECT	100uF	20%	10V
C420	1-126-962-11	ELECT	3.3uF	20%	50V	C506	1-136-159-00	FILM	0.033uF	5%	50V
C421	1-124-250-11	ELECT	0.15uF	20%	50V	C507	1-136-171-00	FILM	0.33uF	5%	50V
C422	1-162-282-31	CERAMIC	100PF	10%	50V	C508	1-124-910-11	ELECT	47uF	20%	50V
C423	1-104-664-11	ELECT	47uF	20%	16V	C509	1-136-163-00	FILM	0.068uF	5%	50V
C424	1-136-165-00	FILM	0.1uF	5%	50V	C510	1-136-153-00	FILM	0.01uF	5%	50V
C425	1-136-165-00	FILM	0.1uF	5%	50V	C511	1-136-154-00	FILM	0.012uF	5%	50V
C426	1-124-902-00	ELECT	0.47uF	20%	50V	C512	1-136-157-00	FILM	0.022uF	5%	50V
C427	1-126-963-11	ELECT	4.7uF	20%	50V	C513	1-164-046-11	CERAMIC	10PF	0.5PF	50V
C428	1-126-963-11	ELECT	4.7uF	20%	50V	C514	1-164-046-11	CERAMIC	10PF	0.5PF	50V
C429	1-124-250-11	ELECT	0.15uF	20%	50V	C521	1-126-963-11	ELECT	4.7uF	20%	50V
C430	1-124-902-00	ELECT	0.47uF	20%	50V	C522	1-164-073-11	CERAMIC	100PF	10%	50V
C431	1-126-962-11	ELECT	3.3uF	20%	50V	C523	1-104-664-11	ELECT	47uF	20%	16V
C432	1-124-250-11	ELECT	0.15uF	20%	50V	C524	1-102-989-00	CERAMIC	68PF	5%	500V
C433	1-104-666-11	ELECT	220uF	20%	10V	C525	1-102-989-00	CERAMIC	68PF	5%	500V
C434	1-104-664-11	ELECT	47uF	20%	16V	C526	1-164-040-11	CERAMIC	4PF	0.25PF	50V
C435	1-164-159-11	CERAMIC	0.1uF		50V	C551	1-126-963-11	ELECT	4.7uF	20%	50V
C436	1-126-961-11	ELECT	2.2uF	20%	50V	C552	1-164-073-11	CERAMIC	100PF	10%	50V
C437	1-104-666-11	ELECT	220uF	20%	10V	C553	1-102-989-00	CERAMIC	68PF	5%	500V
C438	1-136-165-00	FILM	0.1uF	5%	50V	C554	1-102-989-00	CERAMIC	68PF	5%	500V
C439	1-124-907-11	ELECT	10uF	20%	50V	C555	1-124-443-00	ELECT	100uF	20%	10V
C440	1-130-469-00	MYLAR	680PF	5%	50V	C556	1-136-159-00	FILM	0.033uF	5%	50V
C443	1-164-085-11	CERAMIC	0.001uF	10%	50V	C557	1-136-171-00	FILM	0.33uF	5%	50V
C444	1-126-963-11	ELECT	4.7uF	20%	50V	C558	1-124-910-11	ELECT	47uF	20%	50V
C446	1-164-159-11	CERAMIC	0.1uF		50V	C559	1-136-163-00	FILM	0.068uF	5%	50V
C447	1-136-173-00	FILM	0.47uF	5%	50V	C560	1-136-153-00	FILM	0.01uF	5%	50V
C448	1-126-963-11	ELECT	4.7uF	20%	50V	C561	1-136-154-00	FILM	0.012uF	5%	50V
C449	1-162-215-31	CERAMIC	47PF	5%	50V						

SURROUND

Ref. No.	Part No.	Description	Remark
C562	1-136-157-00	FILM 0.022uF 5% 50V	
C563	1-164-046-11	CERAMIC 10PF 0.5PF 50V	
C564	1-164-046-11	CERAMIC 10PF 0.5PF 50V	
C593	1-124-929-11	ELECT 22uF 20% 100V	
C594	1-124-929-11	ELECT 22uF 20% 100V	
C595	1-164-159-11	CERAMIC 0.1uF 50V	
C596	1-104-664-11	ELECT 47uF 20% 16V	
C597	1-104-664-11	ELECT 47uF 20% 16V	
C598	1-162-282-31	CERAMIC 100PF 10% 50V	

< CONNECTOR >

CNJ299	1-770-864-11	CONNECTOR, BOARD TO BOARD 7P	
CNJ501	1-770-404-11	HOUSING,CONNECTOR(PC BOARD)11P	
CNJ502	1-770-404-11	HOUSING,CONNECTOR(PC BOARD)11P	
CNP303	1-695-090-11	PIN, CONNECTOR (PC BOARD) 13P	
CNP304	1-695-087-11	PIN, CONNECTOR (PC BOARD) 7P	

* CNS402	1-568-834-11	SOCKET, CONNECTOR 15P	
CNS404	1-568-440-11	SOCKET, CONNECTOR 17P	
* CNS405	1-568-824-11	SOCKET, CONNECTOR 5P	

< DIODE >

D401	8-719-936-61	LED GL-9HY35	
D402	8-719-987-63	DIODE 1N4148M	
D403	8-719-024-99	DIODE 11ES2-NTA2B	

< IC >

IC302	8-759-634-50	IC M5218AL	
IC303	8-759-634-50	IC M5218AL	
IC305	8-759-805-14	IC LC7822	
IC401	8-759-248-74	IC LA2785	
IC402	8-759-341-23	IC LV1011	

IC403	8-759-634-51	IC M5218AP	
IC404	8-759-801-01	IC LC4966	
IC407	8-759-805-15	IC LC7823	
IC501	8-749-010-79	IC STK350-030	
IC502	8-759-072-32	IC TC9184P	

IC503	8-749-011-16	IC STK350-230	
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< JACK >

J301	1-695-188-31	JACK, PIN 4P (PHONO IN,CD IN,TUNER)	
J302	1-580-825-11	JACK, PIN 6P (TAPE/MD,REC OUT,IN)	

< COIL >

L401	1-410-509-11	INDUCTOR 10uH	
L402	1-410-509-11	INDUCTOR 10uH	

< TRANSISTOR >

Q301	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q302	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q401	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q402	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q403	8-729-140-96	TRANSISTOR 2SD774-34	

Ref. No.	Part No.	Description	Remark
Q409	8-729-900-63	TRANSISTOR DTA124ES	
Q410	8-729-900-63	TRANSISTOR DTA124ES	
Q411	8-729-900-63	TRANSISTOR DTA124ES	
Q461	8-729-900-36	TRANSISTOR DTC124ES	
Q462	8-729-900-63	TRANSISTOR DTA124ES	
Q501	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q502	8-729-202-67	TRANSISTOR 2SK246-GR3	
Q551	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q552	8-729-202-67	TRANSISTOR 2SK246-GR3	

< RESISTOR >

R301	1-249-409-11	CARBON 220 5% 1/4W	
R302	1-249-441-11	CARBON 100K 5% 1/4W	
R310	1-249-421-11	CARBON 2.2K 5% 1/4W	
R312	1-249-417-11	CARBON 1K 5% 1/4W	
R313	1-249-417-11	CARBON 1K 5% 1/4W	

R314	1-249-417-11	CARBON 1K 5% 1/4W	
R315	1-249-441-11	CARBON 100K 5% 1/4W	
R316	1-249-437-11	CARBON 47K 5% 1/4W	
R317	1-249-437-11	CARBON 47K 5% 1/4W	
R318	1-249-441-11	CARBON 100K 5% 1/4W	

R319	1-249-417-11	CARBON 1K 5% 1/4W	
R320	1-249-425-11	CARBON 4.7K 5% 1/4W	
R321	1-249-429-11	CARBON 10K 5% 1/4W	
R351	1-249-409-11	CARBON 220 5% 1/4W	
R352	1-249-441-11	CARBON 100K 5% 1/4W	

R360	1-249-421-11	CARBON 2.2K 5% 1/4W	
R362	1-249-417-11	CARBON 1K 5% 1/4W	
R363	1-249-417-11	CARBON 1K 5% 1/4W	
R364	1-249-417-11	CARBON 1K 5% 1/4W	
R365	1-249-441-11	CARBON 100K 5% 1/4W	

R366	1-249-437-11	CARBON 47K 5% 1/4W	
R367	1-249-437-11	CARBON 47K 5% 1/4W	
R368	1-249-441-11	CARBON 100K 5% 1/4W	
R369	1-249-417-11	CARBON 1K 5% 1/4W	
R370	1-249-425-11	CARBON 4.7K 5% 1/4W	

R371	1-249-429-11	CARBON 10K 5% 1/4W	
R397	1-249-417-11	CARBON 1K 5% 1/4W	
R398	1-249-425-11	CARBON 4.7K 5% 1/4W	
R401	1-249-417-11	CARBON 1K 5% 1/4W	
R402	1-249-417-11	CARBON 1K 5% 1/4W	

R407	1-249-417-11	CARBON 1K 5% 1/4W	
R408	1-249-431-11	CARBON 15K 5% 1/4W	
R409	1-249-407-11	CARBON 150 5% 1/4W	
R410	1-249-436-11	CARBON 39K 5% 1/4W	
R411	1-249-439-11	CARBON 68K 5% 1/4W	

R412	1-247-903-00	CARBON 1M 5% 1/4W	
R424	1-249-425-11	CARBON 4.7K 5% 1/4W	
R432	1-249-441-11	CARBON 100K 5% 1/4W	
R433	1-249-437-11	CARBON 47K 5% 1/4W	
R434	1-249-441-11	CARBON 100K 5% 1/4W	

R435	1-249-437-11	CARBON 47K 5% 1/4W	
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VIDEO

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VIDEO

VIDEO 3

VOLUME

Y/C VIDEO

Ref. No.	Part No.	Description	Remark			
< TRANSISTOR >						
Q231	8-729-119-76	TRANSISTOR	2SA1175-HFE			
Q232	8-729-119-76	TRANSISTOR	2SA1175-HFE			
Q233	8-729-620-05	TRANSISTOR	2SC2603-EF			
Q234	8-729-620-05	TRANSISTOR	2SC2603-EF			
Q235	8-729-620-05	TRANSISTOR	2SC2603-EF			
Q236	8-729-119-76	TRANSISTOR	2SA1175-HFE			
< RESISTOR >						
R201	1-249-403-11	CARBON	68	5%	1/4W	
R203	1-249-403-11	CARBON	68	5%	1/4W	
R204	1-249-403-11	CARBON	68	5%	1/4W	
R235	1-249-403-11	CARBON	68	5%	1/4W	
R236	1-249-403-11	CARBON	68	5%	1/4W	
R237	1-249-430-11	CARBON	12K	5%	1/4W	
R238	1-249-419-11	CARBON	1.5K	5%	1/4W	
R239	1-249-426-11	CARBON	5.6K	5%	1/4W	
R240	1-249-403-11	CARBON	68	5%	1/4W	
R241	1-249-403-11	CARBON	68	5%	1/4W	
R242	1-249-430-11	CARBON	12K	5%	1/4W	
R243	1-249-419-11	CARBON	1.5K	5%	1/4W	
R244	1-249-426-11	CARBON	5.6K	5%	1/4W	
R245	1-249-403-11	CARBON	68	5%	1/4W	
R246	1-249-403-11	CARBON	68	5%	1/4W	
R247	1-249-426-11	CARBON	5.6K	5%	1/4W	
R248	1-249-419-11	CARBON	1.5K	5%	1/4W	
R249	1-249-430-11	CARBON	12K	5%	1/4W	
R250	1-247-807-31	CARBON	100	5%	1/4W	

*	1-660-844-11	VIDEO 3 BOARD				

< CAPACITOR >						
C291	1-164-159-11	CERAMIC	0.1uF		50V	
C292	1-124-907-11	ELECT	1uF	20%	50V	
C293	1-164-159-11	CERAMIC	0.1uF		50V	
< CONNECTOR >						
CNP299	1-770-865-11	CONNECTOR, BOARD TO BOARD	7P			
< JACK >						
J299	1-764-190-21	JACK, PIN 3P (VIDEO 3 INPUT)				
< RESISTOR >						
R291	1-249-403-11	CARBON	68	5%	1/4W	
R292	1-249-403-11	CARBON	68	5%	1/4W	
R293	1-249-403-11	CARBON	68	5%	1/4W	

Ref. No.	Part No.	Description	Remark			
*	1-660-842-11	VOLUME BOARD				

< CAPACITOR >						
C442	1-126-963-11	ELECT	4.7uF	20%	50V	
C443	1-164-159-11	CERAMIC	0.1uF		50V	
C445	1-164-159-11	CERAMIC	0.1uF		50V	
C492	1-126-963-11	ELECT	4.7uF	20%	50V	
C495	1-164-159-11	CERAMIC	0.1uF		50V	
< CONNECTOR >						
CNJ407	1-568-440-11	SOCKET, CONNECTOR 17P				
* CNP103	1-770-392-11	PIN, CONNECTOR (PC BOARD) 8P				
* CNP107	1-770-394-11	PIN, CONNECTOR (PC BOARD) 10P				
< IC >						
IC403	8-759-634-51	IC M5218AP				
< TRANSISTOR >						
Q404	8-729-141-30	TRANSISTOR 2SC3623A-LK				
Q406	8-729-141-30	TRANSISTOR 2SC3623A-LK				
Q407	8-729-141-30	TRANSISTOR 2SC3623A-LK				
< RESISTOR >						
R411	1-249-441-11	CARBON	100K	5%	1/4W	
R413	1-249-441-11	CARBON	100K	5%	1/4W	
R414	1-249-429-11	CARBON	10K	5%	1/4W	
R415	1-249-433-11	CARBON	22K	5%	1/4W	
R416	1-249-413-11	CARBON	470	5%	1/4W	
R417	1-249-425-11	CARBON	4.7K	5%	1/4W	
R418	1-249-413-11	CARBON	470	5%	1/4W	
R419	1-249-425-11	CARBON	4.7K	5%	1/4W	
R461	1-249-441-11	CARBON	100K	5%	1/4W	
R463	1-249-441-11	CARBON	100K	5%	1/4W	
R464	1-249-429-11	CARBON	10K	5%	1/4W	
R465	1-249-429-11	CARBON	10K	5%	1/4W	
R466	1-249-413-11	CARBON	470	5%	1/4W	
R468	1-249-413-11	CARBON	470	5%	1/4W	
R469	1-249-425-11	CARBON	4.7K	5%	1/4W	
< VARIABLE RESISTOR >						
RV401	1-225-281-11	RES, VAR, CARBON 100KX4 (MASTER VOLUME)				

*	1-660-855-11	Y/C VIDEO BOARD				

< CAPACITOR >						
C205	1-136-165-00	FILM	0.1uF	5%	50V	
C207	1-164-095-11	CERAMIC	0.01uF	10%	16V	
C209	1-164-095-11	CERAMIC	0.01uF	10%	16V	
C215	1-136-165-00	FILM	0.1uF	5%	50V	
C216	1-136-165-00	FILM	0.1uF	5%	50V	

Ref. No.	Part No.	Description			Remark
C217	1-104-664-11	ELECT	47uF	20%	16V
C225	1-164-095-11	CERAMIC	0.01uF	10%	16V
C226	1-124-907-11	ELECT	10uF	20%	50V
C227	1-124-907-11	ELECT	10uF	20%	50V
C229	1-124-903-11	ELECT	1uF	20%	50V
C245	1-136-165-00	FILM	0.1uF	5%	50V
C278	1-124-903-11	ELECT	1uF	20%	50V
< CONNECTOR >					
* CNF301	1-568-826-11	SOCKET, CONNECTOR 7P			
* CNF405	1-568-824-11	SOCKET, CONNECTOR 5P			
< IC >					
IC203	8-759-061-95	IC SN761200			
IC204	8-759-061-95	IC SN761200			
< JACK >					
J204	1-537-943-11	TERMINAL, S (MONITOR OUT)			
J207	1-764-676-11	CONNECTOR (ROUND TYPE) (VIDEO 1(S VIDEO OUT,IN))			
< COIL >					
L201	1-410-509-11	INDUCTOR	10uH		
< TRANSISTOR >					
Q204	8-729-119-76	TRANSISTOR	2SA1175-HFE		
Q206	8-729-119-76	TRANSISTOR	2SA1175-HFE		
Q207	8-729-620-05	TRANSISTOR	2SC2603-EF		
Q208	8-729-620-05	TRANSISTOR	2SC2603-EF		
Q210	8-729-119-76	TRANSISTOR	2SA1175-HFE		
Q211	8-729-119-76	TRANSISTOR	2SA1175-HFE		
< RESISTOR >					
R202	1-249-429-11	CARBON	10K	5%	1/4W
R205	1-247-807-31	CARBON	100	5%	1/4W
R206	1-249-429-11	CARBON	10K	5%	1/4W
R208	1-249-403-11	CARBON	68	5%	1/4W
R209	1-249-403-11	CARBON	68	5%	1/4W
R210	1-249-403-11	CARBON	68	5%	1/4W
R211	1-247-807-31	CARBON	100	5%	1/4W
R213	1-249-419-11	CARBON	1.5K	5%	1/4W
R214	1-249-419-11	CARBON	1.5K	5%	1/4W
R215	1-249-403-11	CARBON	68	5%	1/4W
R217	1-249-403-11	CARBON	68	5%	1/4W
R218	1-249-403-11	CARBON	68	5%	1/4W
R220	1-247-807-31	CARBON	100	5%	1/4W
R223	1-247-807-31	CARBON	100	5%	1/4W
R228	1-249-411-11	CARBON	330	5%	1/4W
R230	1-249-411-11	CARBON	330	5%	1/4W
R233	1-249-426-11	CARBON	5.6K	5%	1/4W
R234	1-249-426-11	CARBON	5.6K	5%	1/4W

Ref. No.	Part No.	Description	Remark			
R251	1-249-403-11	CARBON	68	5%	1/4W	
R257	1-249-403-11	CARBON	68	5%	1/4W	

MISCELLANEOUS

15	1-773-154-11	WIRE (FLAT TYPE) (21 CORE)	
16	1-773-025-11	WIRE (FLAT TYPE) (15 CORE)	
54	1-533-217-31	HOLDER,FUSE	
64	1-769-876-11	WIRE (FLAT TYPE) (7 CORE)	
65	1-769-861-11	WIRE (FLAT TYPE) (5 CORE)	
△ CNJ906	1-526-794-11	OUTLET, AC (AC OUTLET)	
△ CNP901	1-769-744-11	CORD, POWER	
△ F801	1-532-506-51	FUSE,,TIME LAG (T6.3AL/250V)	
△ F802	1-532-506-51	FUSE ,TIME LAG (T6.3AL/250V)	
△ F803	1-532-465-51	FUSE, TIME LAG (T3.15AL/250V)	
△ F804	1-532-465-51	FUSE, TIME LAG (T3.15AL/250V)	
△ F901	1-532-465-51	FUSE, TIME LAG (T3.15AL/250V)	
△ F902	1-532-464-51	FUSE, TIME LAG (T2.5AL/250V)	
△ T901	1-429-610-11	TRANSFORMER, POWER	

ACCESSORIES & PACKING MATERIALS

	1-473-629-11	REMOTE COMMANDER (RM-P362)
	3-856-168-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE)
	3-856-168-21	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN) (AEP,UK,G,IT)
	3-856-168-41	MANUAL, INSTRUCTION (CHINESE) (SP,MY,CH)
*	4-982-139-02	CUSHION (G,EA)
*	4-982-352-01	INDIVIDUAL CARTON
	4-983-536-01	COVER, BATTERY (FOR RM-P362)

HARDWARE LIST

#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3
#2	7-682-548-04	SCREW +BVTT 3X8 (S)

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

