

SDP-E300/TA-VE100

SERVICE MANUAL

AEP Model

UK Model

SDP-E300/TA-VE100

E Model

Australian Model

SDP-E300

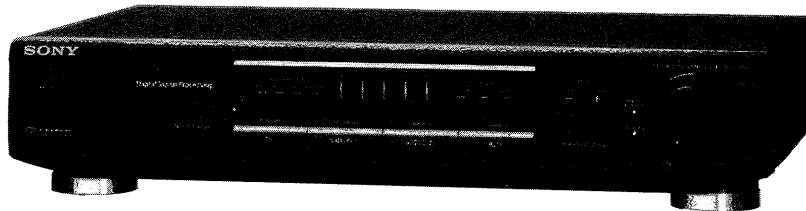


Photo : TA-VE100

SPECIFICATIONS

SDP-E300

Amplifier section

Power output

Surround mode (DIN 1 kHz)

Centre:

40 W/8 ohms

(only in the PRO LOGIC
and THEATER modes)

Rear:

20 W + 20 W/8 ohms

Frequency
response

VIDEO 1 + 2, TV, LINE:
20 Hz - 20 kHz ± 2 dB

Audio section

Inputs

	Sensitivity	Impedance
VIDEO 1, VIDEO 2, TV, LINE	150 mV	50 kilohms

Outputs

VIDEO 1 REC:

Voltage 150 mV,

Impedance 470 ohms

FRONT, CENTER, REAR,
MIX:

Voltage: 1 V

Impedance: 1 kilohms

BASS BOOST

+7 dB at 60 Hz

Video section

Inputs

VIDEO 1, VIDEO 2,
TV, LINE:

1 Vp-p 75 ohms

Outputs

VIDEO 1 REC,
VIDEO MONITOR:

1 Vp-p 75 ohms

General

Power

AEP, UK, German model :

220-230V AC, 50/60Hz

Australian model :

240V AC, 50Hz

requirements

Power

90 W

consumption

Dimensions

430 x 95 x 280 mm
(17 x 3 ³/₄ x 11 ¹/₈ in)

Mass (Approx.)

4.6 kg
(10 lb 2 oz)

Supplied accessories

Remote controller
(remote) (1)

Size AA (R6) batteries (2)

TA-VE100

Amplifier section

Power output

Surround mode (DIN 1 kHz)

Front:

25 W+25 W/8 ohms

Centre:

25 W/8 ohms

(only in the PRO LOGIC
and THEATER modes)

Rear:

10 W+10 W/8 ohms

Frequency
response

VIDEO 1 + 2, TV, AUX:
20 Hz - 20 kHz ± 2 dB

Audio section

Inputs

	Sensitivity	Impedance
VIDEO 1, VIDEO 2, TV, AUX	150 mV	50 kilohms

Outputs

VIDEO 1 REC:

Voltage 150 mV,

Impedance 470 ohms

REAR, MIX:

Voltage: 1 V

Impedance: 1 kilohms

— Continued on page 2 —

DIGITAL SURROUND PROCESSOR
SONY®

BASS BOOST +7 dB at 60 Hz

Video section

Inputs VIDEO 1, VIDEO 2:
1 Vp-p 75 ohms

Outputs VIDEO 1 REC, TV:
1 Vp-p 75 ohms

General

Power requirements 220-230 V AC, 50/60 Hz

Power consumption 110 W

Dimensions 430 x 95 x 280 mm
(17 x 3 3/4 x 11 1/8 inches)

Mass (Approx.) 4.6 kg
(10 lb 2 oz)

Supplied accessories Remote controller
(remote) (1)
Size AA (R6) batteries (2)

Design and specifications are subject to
change without notice.

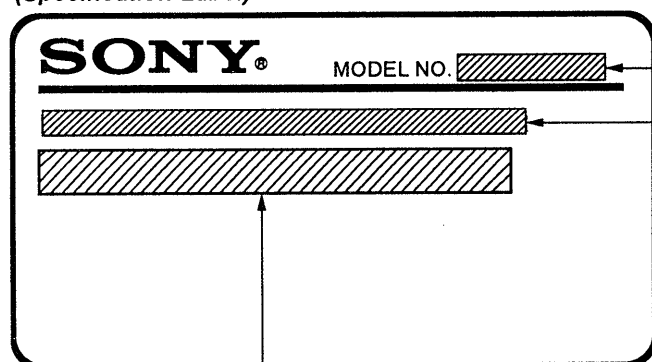
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SAFETY-RELATED COMPONENT WARNING!!

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

MODEL IDENTIFICATION (Specification Label)



SDP-E300
TA-VE100

SDP-E300 : DIGITAL SURROUND
PROCESSOR
TA-VE100 : STEREO AV AMPLIFIER

AEP, UK, German model : AC 220-230V~50/60Hz
Australian model : AC240V~50Hz

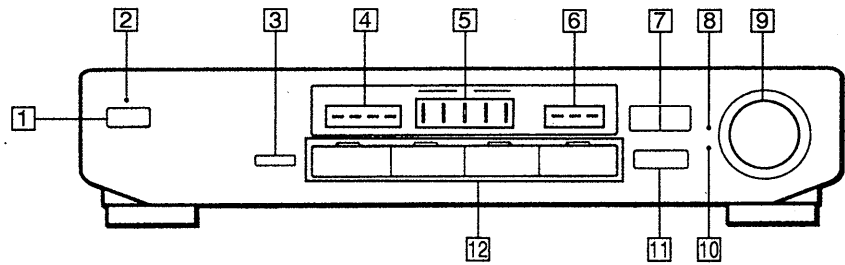
• For detailed EA, SP model of refer to AEP model.

SECTION 1 GENERAL

This section is extracted from instruction manual.

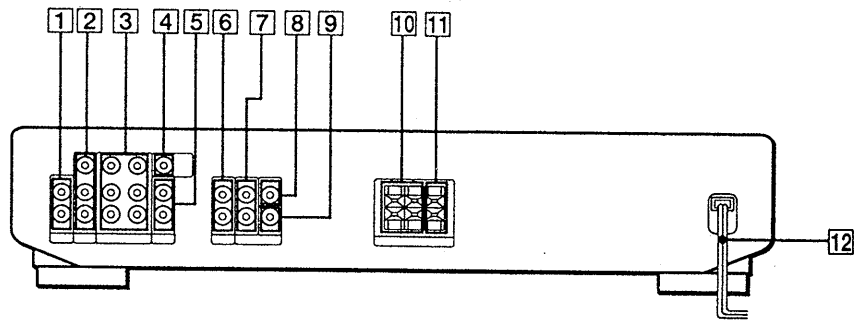
LOCATION AND FUNCTION OF CONTROLS

Front Panel



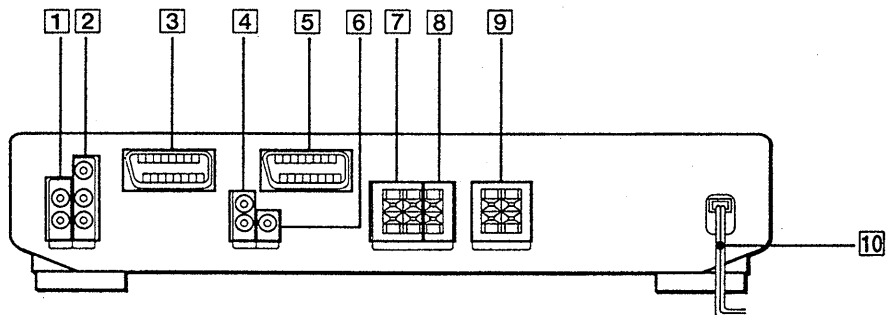
- | | |
|-------------------------|-------------------------|
| 1 POWER switch | 7 EFFECT +, - buttons |
| 2 STANDBY indicator | 8 BASS BOOST indicator |
| 3 CENTER MODE button | 9 VOLUME control |
| 4 CENTER MODE indicator | 10 MUTING indicator |
| 5 LEVEL indicator | 11 SURROUND MODE button |
| 6 SURROUND indicator | 12 FUNCTION buttons |

SDP-E300 Rear Panel



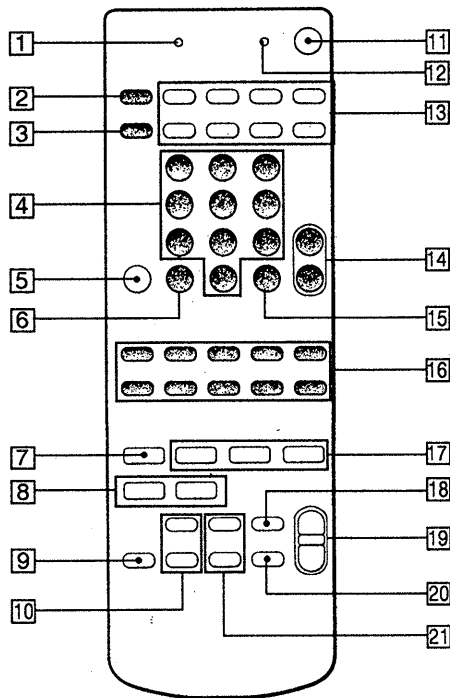
- | | | |
|-------------------|-----------------------|---------------------|
| 1 LINE (AUDIO) IN | 5 TV (AUDIO) IN | 9 SURROUND MIX out |
| 2 VIDEO 2 IN | 6 FRONT OUT | 10 SPEAKERS (REAR) |
| 3 VIDEO 1 IN/OUT | 7 SURROUND REAR out | 11 SPEAKER (CENTER) |
| 4 MONITOR OUT | 8 SURROUND CENTER out | 12 mains lead |

TA-VE100 Rear Panel



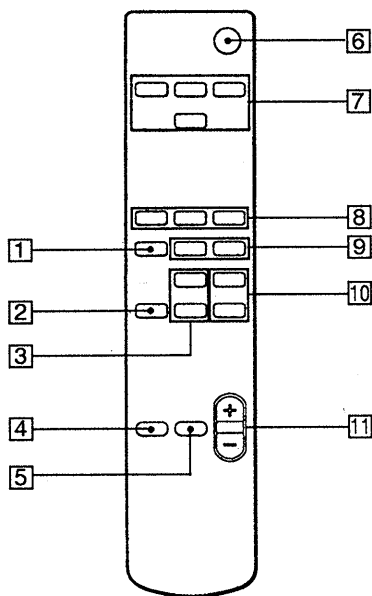
- | | | |
|---------------------|---------------------|--------------------|
| 1 AUX IN | 4 SURROUND REAR out | 7 SPEAKERS (REAR) |
| 2 VIDEO 2 IN | 5 TV (EURO-AV) | 8 SPEAKER (CENTER) |
| 3 VIDEO 1 (EURO-AV) | Audio in | 9 FRONT SPEAKERS |
| Audio in/out | Video out | 10 mains lead |
| Video in/out | (without RGB) | |
| (without RGB) | 6 SURROUND MIX out | |

SDP-E300
Remote (RM-PE300)



- 1 LEARN indicator
- 2 VISUAL POWER button
- 3 TV/VIDEO button
- 4 Numeric buttons
- 5 BACK GROUND button
- 6 - / - - SHIFT button
- 7 SURROUND ON/OFF button
- 8 EFFECT + , - buttons
- 9 TEST TONE button
- 10 REAR LEVEL + , - buttons
- 11 SYSTEM OFF button
- 12 LEARN button
- 13 SYSTEM CONTROL/FUNCTION buttons
- 14 CH/PRESET + / - buttons
- 15 ENTER RMS/START button
- 16 CD, tape deck control buttons
- 17 SURROUND MODE buttons
- 18 BASS BOOST button
- 19 MASTER VOL + , - buttons
- 20 MUTING button
- 21 CENTER LEVEL + , - buttons

TA-VE100
Remote (RM-VE100)



- 1 SURROUND ON/OFF button
- 2 TEST TONE button
- 3 REAR LEVEL buttons
- 4 BASS BOOST button
- 5 MUTING button
- 6 POWER OFF button
- 7 FUNCTION buttons
- 8 SURROUND MODE buttons
- 9 EFFECT + , - buttons
- 10 CENTER LEVEL + , - buttons
- 11 MASTER VOL + , - buttons

SECTION 2

EXPLANATION OF IC TERMINALS

IC501 μ PD78001BGC-618

Pin No.	Pin name	I/O	Description
1	POW.RY	O	Power ON/OFF relay control terminal.
2	SP.RY	O	Speaker ON/OFF relay control terminal.
3	SUR.RY	O	Surround speaker ON/OFF relay control terminal.
4	VOL.UP	O	Volume up signal output.
5	VOL.DWN	O	Volume down signal output.
6	MUTE	O	Mute control terminal.
7	TV SCART	O	TV ON signal output. (TA-VE100)
8	NC	—	Not used.
9	VSS	—	Power supply terminal. (Ground)
10	NC	—	Not used.
11	DBFB	O	DBFB ON/OFF control terminal.
12	MUTE	O	MUTE LED ON/OFF control terminal.
13	LEV1	O	LEVEL LED ON/OFF control terminal.
14	LEV2	O	
15	LEV3	O	
16	LEV4	O	
17	LEV5	O	
18	$\overline{\text{SIMULATED}}$	O	SURROUND LED ON/OFF control terminal.
19	$\overline{\text{THEATER}}$	O	
20	$\overline{\text{PRO LOGIC}}$	O	
21	$\overline{\text{VIDEO1}}$	O	Video 1 LED ON/OFF control terminal.
22	$\overline{\text{TV}}$	O	TV LED ON/OFF control terminal.
23	$\overline{\text{VIDEO2}}$	O	Video 2 LED ON/OFF control terminal.
24	VSS	—	Power supply terminal. (Ground)
25	$\overline{\text{AUX/LINE}}$	O	AUX/LINE LED ON/OFF control terminal.
26	$\overline{\text{STANDBY}}$	O	POWER LED ON/OFF control terminal.
27	$\overline{\text{PHANTOM}}$	O	CENTER MODE LED ON/OFF control terminal.
28	$\overline{\text{3CH LOGIC}}$	O	
29	$\overline{\text{NORMAL}}$	O	
30	$\overline{\text{WIDE}}$	O	
31	INH1	O	Video 1 picture output loop cut control terminal.
32	V1	O	Loop cut control terminal for Video 1 image output.
33	V2	O	Loop cut control terminal for Video 2 image output.
34	INH2	O	Video 2 picture output loop cut control terminal.
35	$\overline{\text{RESET}}$	I	Reset input.
36	$\overline{\text{STOP}}$	I	Power break detection input terminal.
37	$\overline{\text{PROTECT}}$	I	Speaker output protection detection input.
38	SIRCS IN	I	Remote control receiver detection.
39	VIDEO SCART	I	Video1 input detect. (TA-VE100)
40	VDD	—	Power supply terminal. (+5V)

Pin No.	Pin name	I/O	Description
41	X1	—	System clock terminal. (10MHz)
42	X2	—	
43	ICO	—	Not used. (Ground)
44	XT2	—	Not used. (Open)
45	GND	—	Ground
46	IC1	—	Not used. (Ground)
47	KO1	O	Key matrix output.
48	KO2	O	
49	KO3	O	
50	KI1	I	Key matrix input.
51	KI2	I	
52	KI3	I	
53	KI4	I	
54	5043/5044	I	Model select.
55	IC2	—	VDD connection. (+5V)
56	IC3	—	Not used. (Ground)
57	P20	I	Not used.
58	P21	I	Not used.
59	7822.CE	O	Serial data output to audio function switch.
60	DATA	O	Serial data output to surround processor.
61	CLK	O	Serial clock output.
62	2785.CE	O	Data latch output to surround processor.
63	P26	—	Not used.
64	P.SW	I	Power switch ON/OFF detection.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
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● SEMICONDUCTOR LOCATION

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D11	E - 15	D551	J - 6	Q354	G - 16
D12	I - 18	D552	J - 9	Q401	B - 27
D15	J - 17	D553	J - 8	Q402	D - 26
D101	D - 29	D554	J - 8	Q403	E - 20
D401	E - 20	D555	J - 7	Q404	E - 20
D402	E - 19	D556	J - 7	Q405	D - 19
D403	H - 20			Q406	E - 20
D404	G - 19			Q407	E - 20
D405	C - 27	IC201	C - 17	Q408	E - 19
D406	C - 27	IC202	F - 17	Q409	E - 19
		IC203	G - 17		
D407	C - 27	IC204	C - 15	Q501	J - 2
D408	C - 27	IC301	I - 17	Q502	J - 2
D409	D - 27			Q532	J - 9
D410	D - 27	IC302	F - 15	Q533	J - 9
D411	C - 24	IC331	I - 23	Q534	J - 9
		IC381	I - 23		
D412	C - 21	IC402	F - 20	Q535	J - 7
D414	E - 19	IC403	F - 19	Q536	J - 7
D501	J - 2			Q537	I - 13
D502	H - 4	IC404	C - 26	Q538	I - 13
D504	I - 5	IC501	I - 3	Q551	J - 3
		IC502	J - 5		
D505	J - 3	IC661	I - 27	Q701	D - 11
D506	I - 2	IC801	F - 23	Q702	D - 10
D532	J - 9			Q703	D - 10
D533	J - 8	IC851	D - 23	Q704	D - 10
D534	J - 8	IC901	C - 20	Q901	D - 20
		IC951	C - 19		
D535	J - 7			Q902	C - 20
D536	J - 7			Q903	C - 20
D537	I - 14	Q11	E - 15	Q904	C - 19
D538	J - 14	Q12	J - 17	Q905	B - 18
D540	J - 11	Q13	I - 18	Q951	D - 19
		Q14	I - 18		
D541	J - 10	Q15	G - 15	Q952	C - 19
D542	J - 10				
D543	I - 7	Q16	G - 16		
D544	I - 5	Q301	I - 16		
D545	I - 9	Q302	I - 17		
		Q303	I - 16		
		Q304	E - 15		
D546	I - 11				
D547	F - 3				
D548	J - 5	Q351	J - 17		
D549	J - 6	Q352	J - 17		
D550	J - 6	Q353	I - 16		

SDP-E300

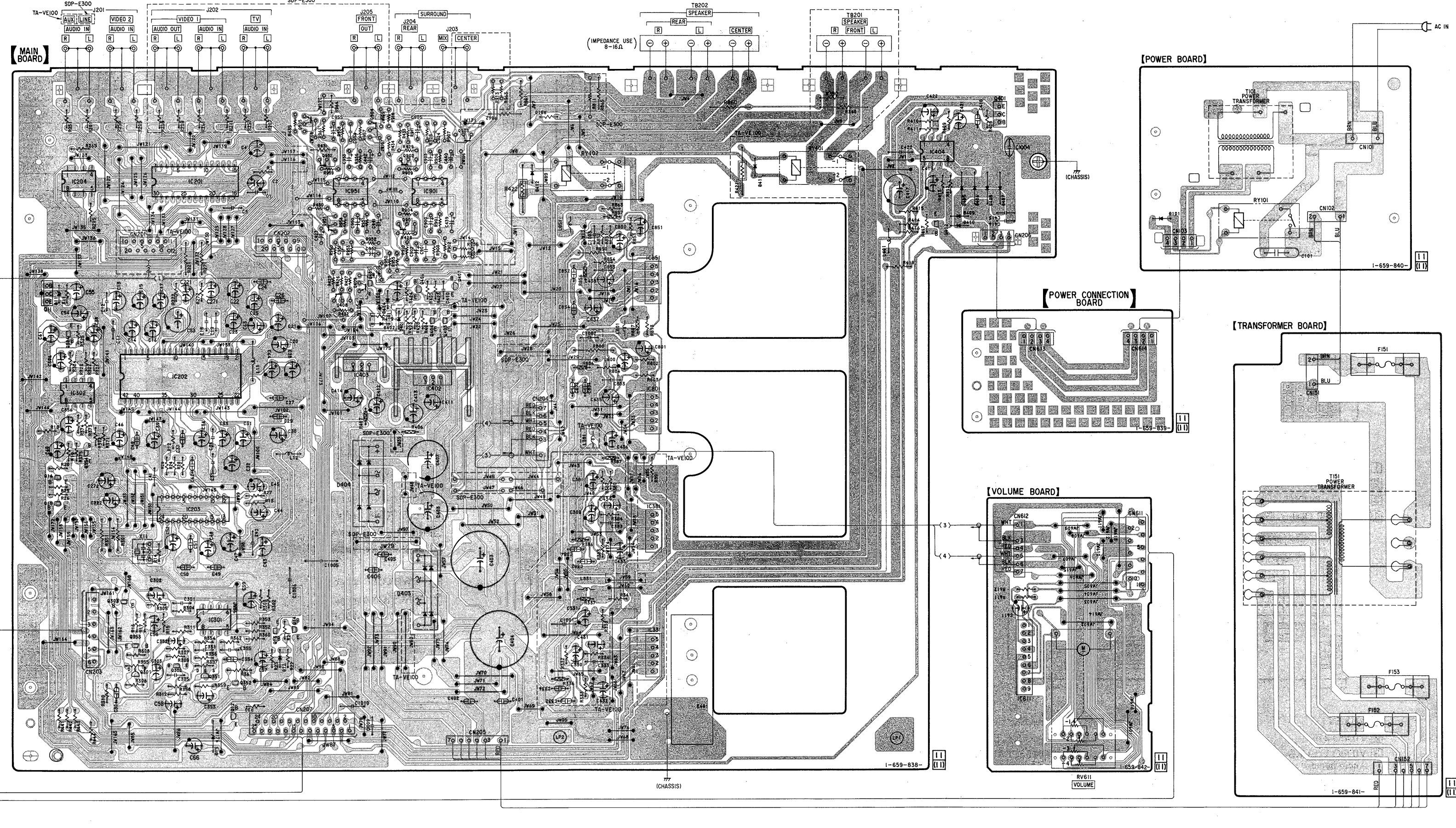
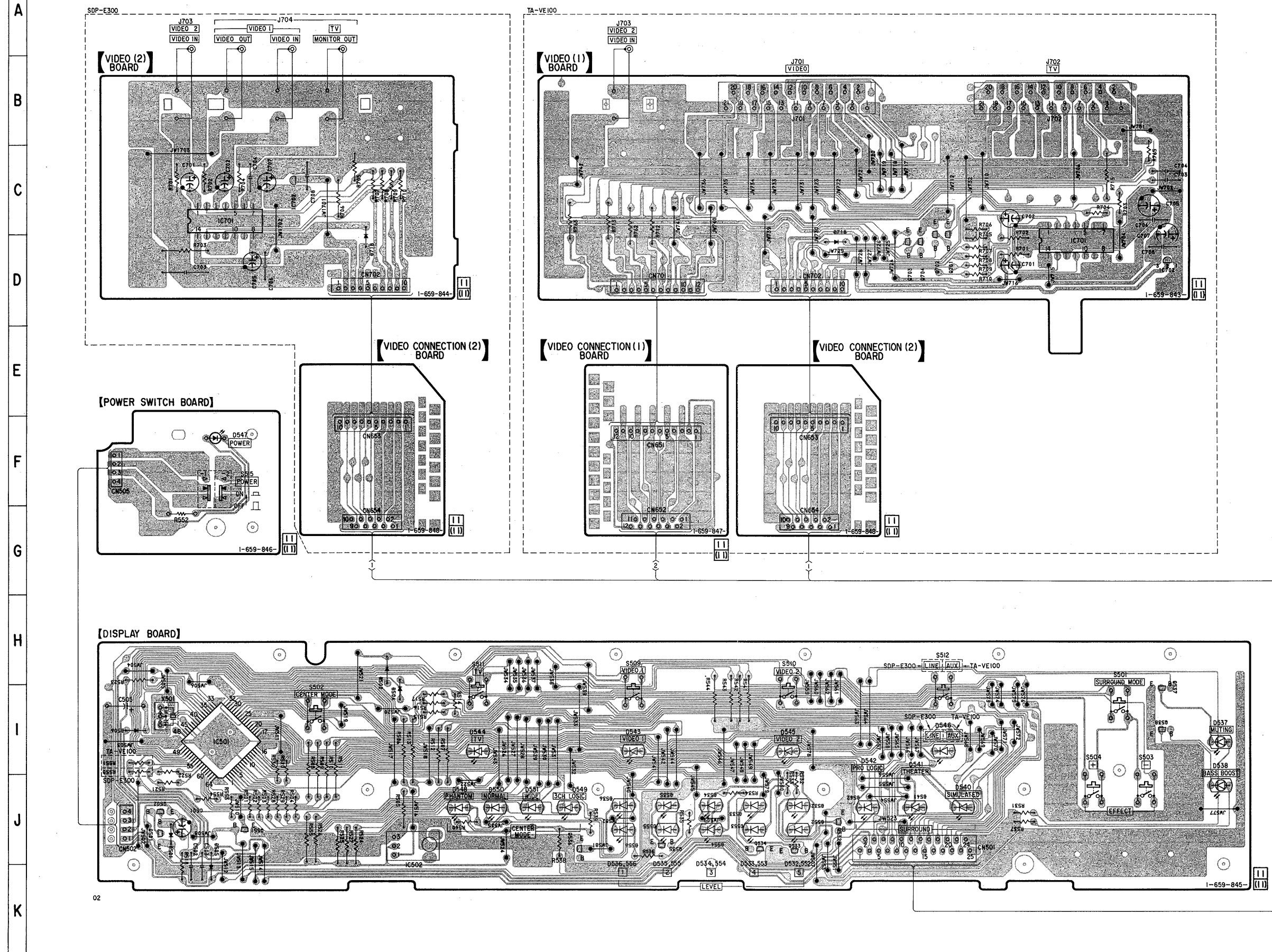
Ref. No.	Location
D718	D - 4
IC701	C - 3
IC702	C - 3

TA-VE100

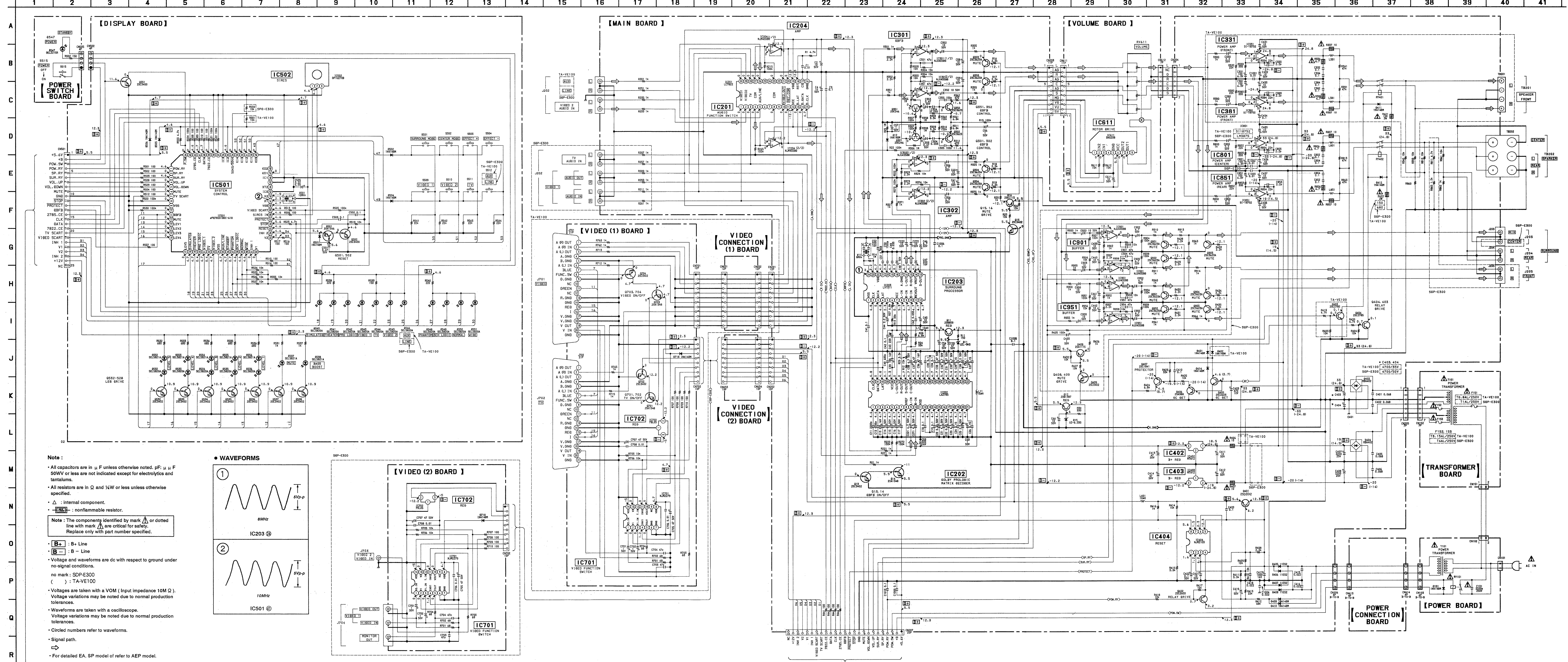
Ref. No.	Location
D718	D - 9
IC701	D - 12
IC702	D - 13

Note:

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



3-2. SCHEMATIC DIAGRAM ● Refer to page 18 for IC Block Diagrams.



Note :

- All capacitors are in μ F unless otherwise noted. pF: μ F
- All resistors are in Ω and $\frac{1}{4}$ W or less unless otherwise specified.
- Δ : internal component.
- $\square$: nonflammable resistor.

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.
no mark : SDP-E300
() : TA-VE100

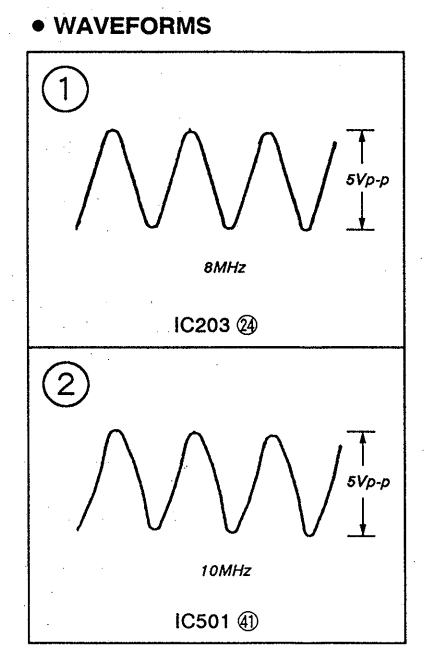
• Voltages are taken with a VOM (Input impedance 10M Ω).
Voltage variations may be noted due to normal production tolerances.

• Waveforms are taken with an oscilloscope.
Voltage variations may be noted due to normal production tolerances.

• Circled numbers refer to waveforms.

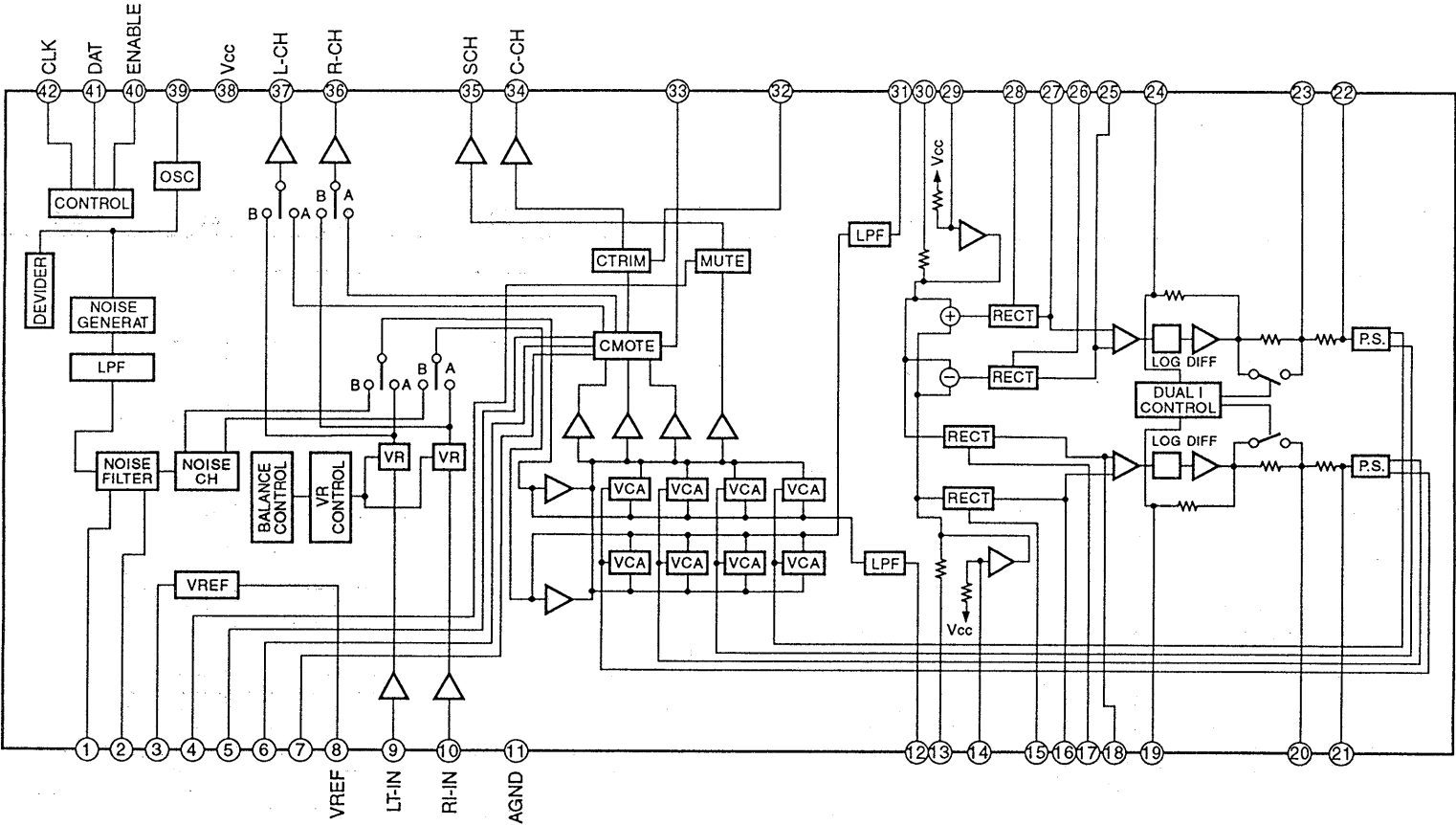
• Signal path.

• For detailed EA, SP model of refer to AEP model.

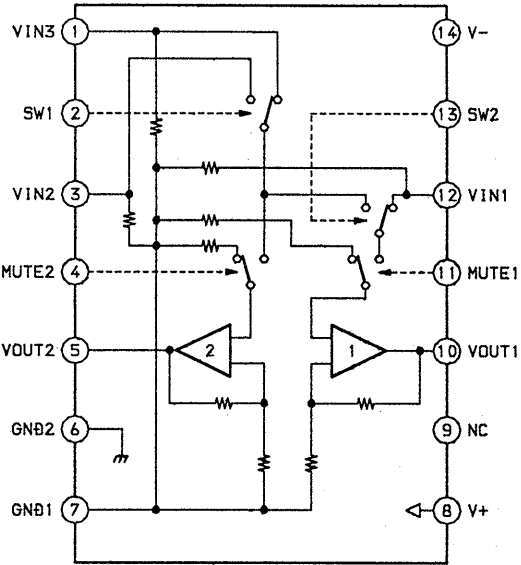


3-3. IC BLOCK DIAGRAMS

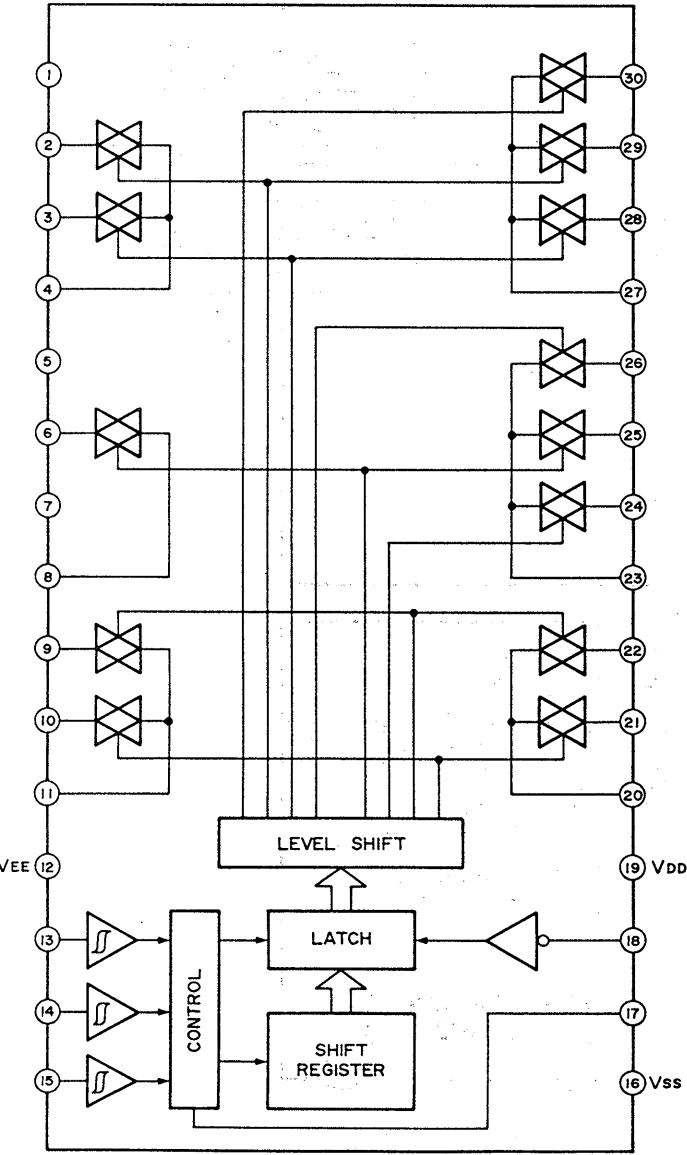
IC202 LA2785



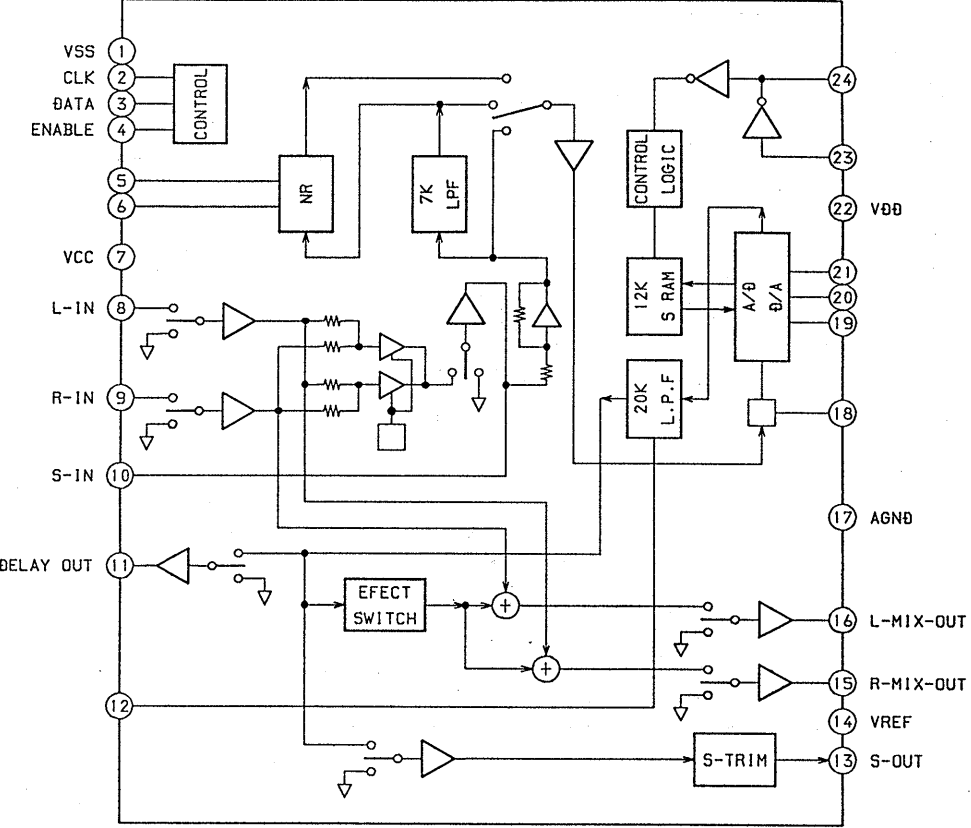
IC701 NJM2279



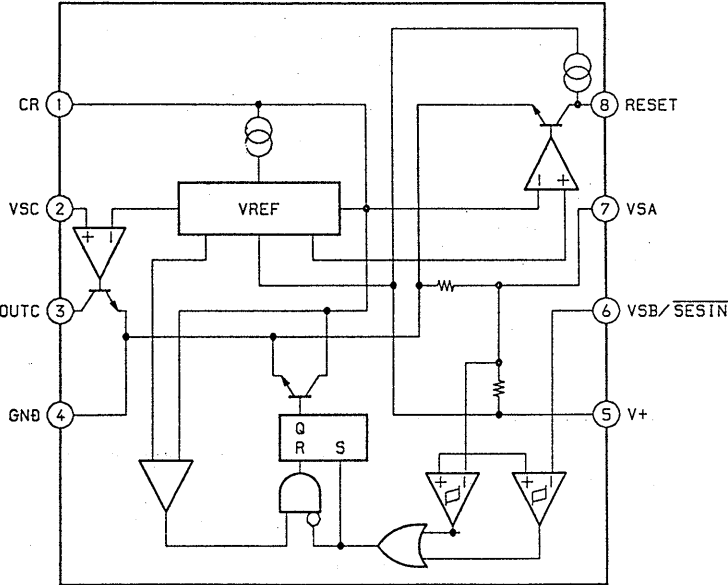
IC201 LC7822



IC203 LV1011



IC404 NJM2103



SECTION 4 EXPLODED VIEWS

NOTE :

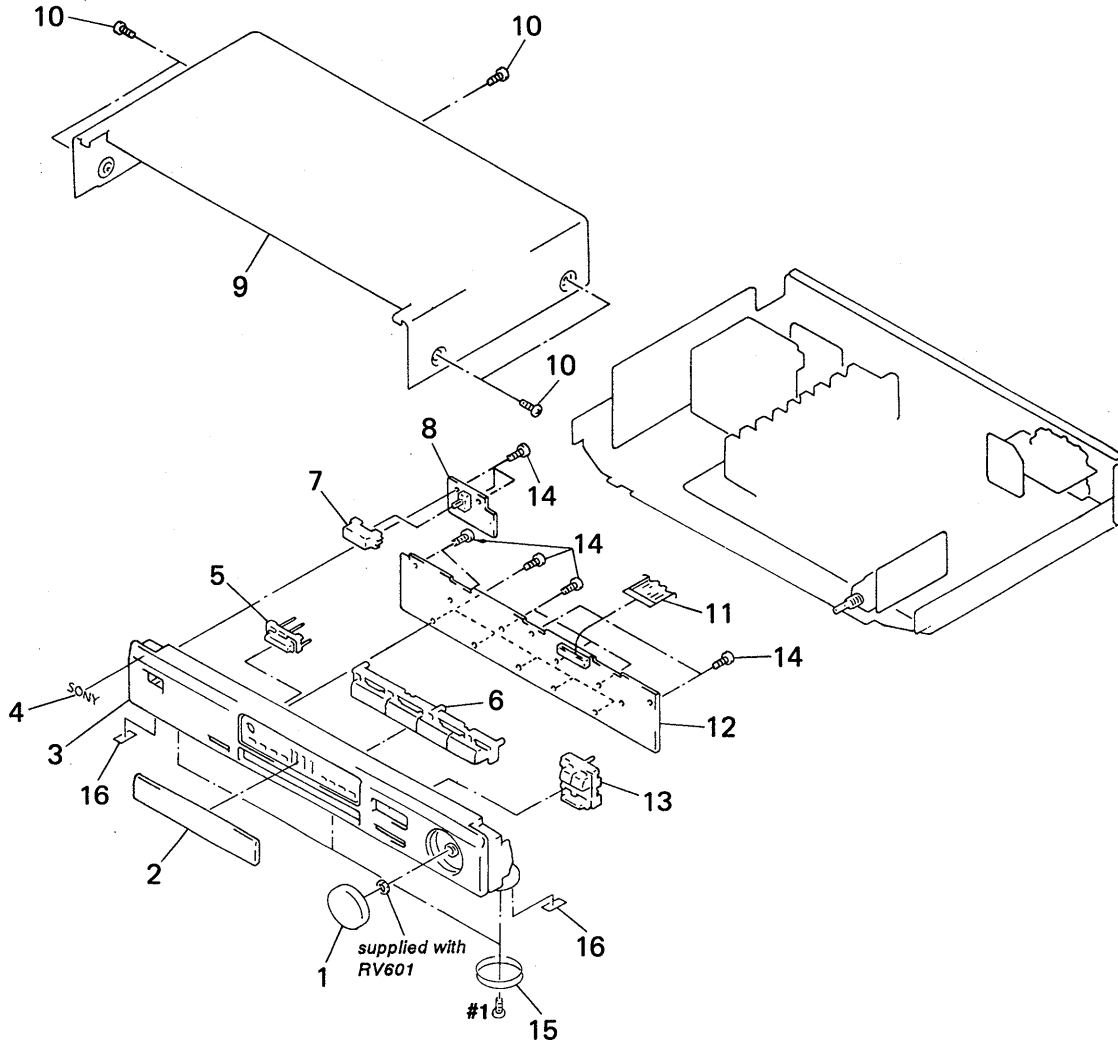
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- 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
AUS : Australian G : German

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

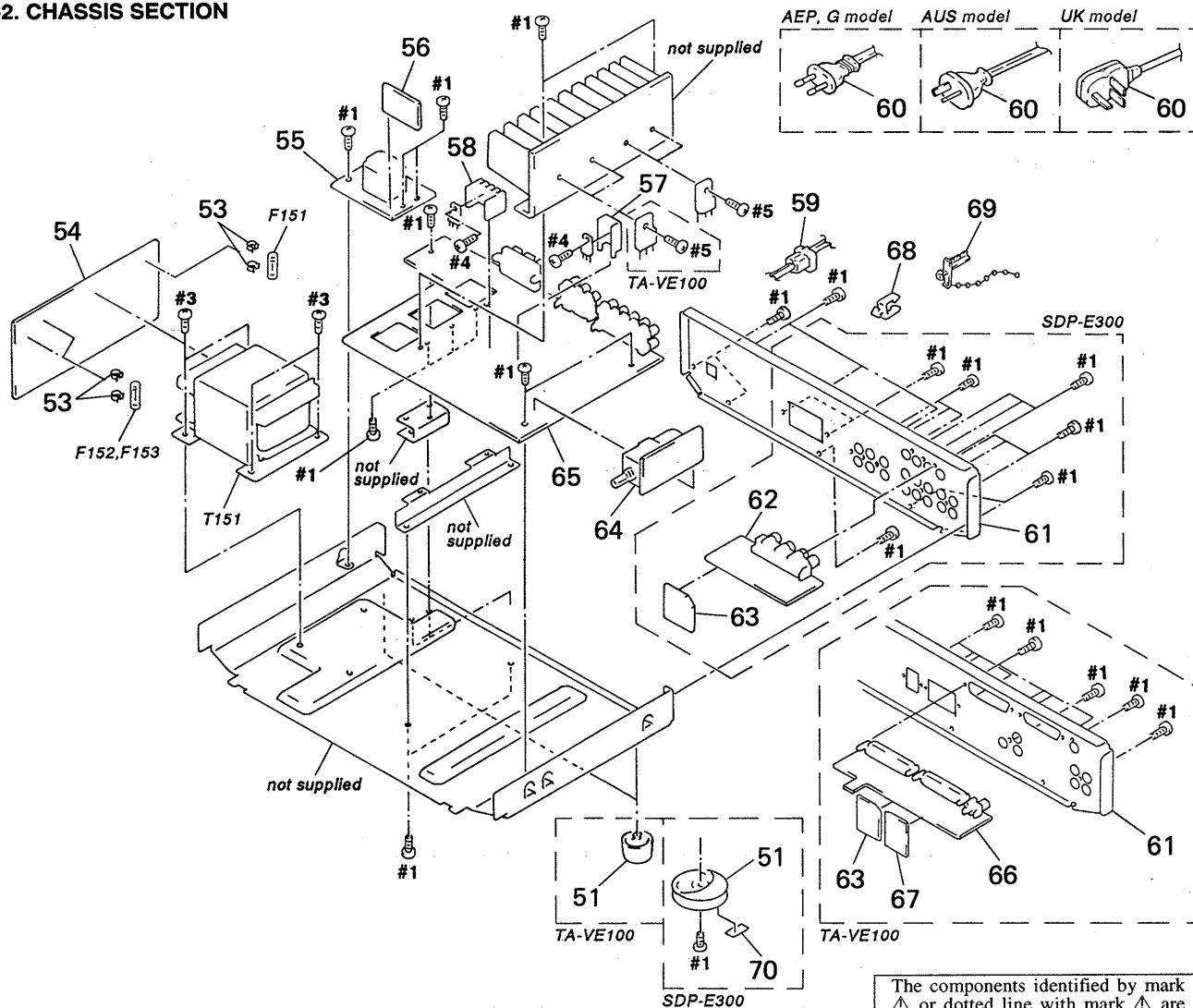
- For detailed EA, SP model of refer to AEP model.

4-1. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	4-980-041-01	KNOB (VOL)		* 9	4-980-193-21	CASE (408226)	
2	4-980-035-01	WINDOW		10	3-704-366-01	SCREW (CASE) (M3X8)	
3	X-4946-757-1	PANEL ASSY, FRONT (TA-VE100)		11	1-773-215-11	WIRE (FLAT TYPE) (25 CORE)	
3	X-4946-758-1	PANEL ASSY, FRONT (SDP-E300)		* 12	A-4389-253-A	DISPLAY BOARD, COMPLETE (TA-VE100)	
4	4-963-404-21	EMBLEM (5-A), SONY		* 12	A-4389-259-A	DISPLAY BOARD, COMPLETE (SDP-E300)	
5	4-980-039-01	BUTTON (LEVEL)		13	4-980-038-01	BUTTON (SURROUND)	
6	4-980-040-01	BUTTON (FUNCTION) (TA-VE100)		14	4-951-620-01	SCREW (2.6X8), +BVTP	
6	4-980-040-11	BUTTON (FUNCTION) (SDP-E300)		15	4-977-593-01	RING (DIA. 50), ORNAMENTAL	
7	3-931-429-01	BUTTON (POWER)		16	4-981-397-01	CUSHION	
* 8	1-659-846-11	POWER SWITCH BOARD					

4-2. CHASSIS SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	X-3371-405-1	FOOT (SMALL) ASSY (TA-VE100)		* 63	1-659-848-11	VIDEO CONNECTION (2) BOARD	
51	X-4947-207-1	FOOT ASSY (F50150S) (SDP-E300)		* 64	1-659-842-11	VOLUME BOARD	
53	1-533-293-11	FUSE HOLDER		* 65	A-4389-247-A	MAIN BOARD, COMPLETE (TA-VE100)	
* 54	1-659-841-11	TRANSFORMER BOARD		* 65	A-4389-257-A	MAIN BOARD, COMPLETE (SDP-E300)	
* 55	1-659-840-11	POWER BOARD		* 66	1-659-843-11	VIDEO (1) BOARD (TA-VE100)	
* 56	1-659-839-11	POWER CONNECTION BOARD		* 67	1-659-847-11	VIDEO CONNECTION (1) BOARD (TA-VE100)	
* 57	3-309-144-21	HEAT SINK		* 68	3-681-263-11	SADDLE, WIRE	
* 58	4-880-403-11	HEAT SINK		69	4-956-370-02	BAND, PLUG FIXED (UK)	
* 59	3-703-244-00	BUSHING (2104), CORD		70	4-977-358-01	CUSHION (8X12.5) (SDP-E300)	
$\triangle$ 60	1-696-845-11	CORD, POWER (AUS)		$\triangle$ F151	1-532-078-00	FUSE, TIME LAG (T1A/250V) (SDP-E300)	
$\triangle$ 60	1-776-060-11	CORD, POWER (AEP, G)		$\triangle$ F151	1-532-215-00	FUSE, TIME LAG (T0.8A/250V) (TA-VE100)	
$\triangle$ 60	1-776-061-11	CORD, POWER (UK)		$\triangle$ F152	1-532-237-00	FUSE, TIME LAG (T3.15A/250V) (TA-VE100)	
* 61	4-980-044-01	PANEL, BACK (TA-VE100 : AEP, G)		$\triangle$ F152	1-532-350-00	FUSE, TIME LAG (T4A/250V) (SDP-E300)	
* 61	4-980-044-11	PANEL, BACK (TA-VE100 : UK)		$\triangle$ F153	1-532-237-00	FUSE, TIME LAG (T3.15A/250V) (TA-VE100)	
* 61	4-980-047-01	PANEL, BACK (SDP-E300 : AEP, G)		$\triangle$ F153	1-532-350-00	FUSE, TIME LAG (T4A/250V) (SDP-E300)	
* 61	4-980-047-11	PANEL, BACK (SDP-E300 : UK)		$\triangle$ T151	1-429-422-11	TRANSFORMER, POWER (TA-VE100)	
* 61	4-980-047-21	PANEL, BACK (SDP-E300 : AUS)		$\triangle$ T151	1-429-423-11	TRANSFORMER, POWER (SDP-E300:AEP, UK, G)	
* 62	1-659-844-11	VIDEO (2) BOARD (SDP-E300)		$\triangle$ T151	1-429-634-11	TRANSFORMER, POWER (SDP-E300 :AUS)	

DISPLAY

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

AUS : Australian G : German

- For detailed EA, SP model of refer to AEP model.

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-4389-253-A	DISPLAY BOARD, COMPLETE (TA-VE100)	
*	A-4389-259-A	DISPLAY BOARD, COMPLETE (SDP-E300)	

< CAPACITOR >			
C501	1-124-465-00	ELECT 0.47uF 20% 50V	
C502	1-164-159-11	CERAMIC 0.1uF 50V	
C503	1-164-159-11	CERAMIC 0.1uF 50V	
C505	1-125-486-11	DOUBLE LAYERS 0.22F 5.5V	
< CONNECTOR >			
* CN501	1-565-650-11	SOCKET, CONNECTOR 25P	
CN502	1-562-087-00	SOCKET, CONNECTOR 4P	
< DIODE >			
D501	8-719-987-63	DIODE 1N4148M	
D502	8-719-987-63	DIODE 1N4148M	
D504	8-719-987-63	DIODE 1N4148M	
D505	8-719-987-63	DIODE 1N4148M	
D506	8-719-987-63	DIODE 1N4148M	
D532	8-719-057-97	LED SEL5923A-TP15 (LEVEL,5)	
D533	8-719-057-97	LED SEL5923A-TP15 (LEVEL,4)	
D534	8-719-057-97	LED SEL5923A-TP15 (LEVEL,3)	
D535	8-719-057-97	LED SEL5923A-TP15 (LEVEL,2)	
D536	8-719-057-97	LED SEL5923A-TP15 (LEVEL,1)	
D537	8-719-057-97	LED SEL5923A-TP15 (MUTING)	
D538	8-719-057-97	LED SEL5923A-TP15 (BASS BOOST)	
D540	8-719-053-10	LED SEL2910A-D-TP6 (SIMULATED)	
D541	8-719-053-10	LED SEL2910A-D-TP6 (THEATER)	
D542	8-719-053-10	LED SEL2910A-D-TP6 (PRO LOGIC)	
D543	8-719-033-06	LED SEL5920A (VIDEO1)	
D544	8-719-033-06	LED SEL5920A (TV)	
D545	8-719-033-06	LED SEL5920A (VIDEO2)	
D546	8-719-033-06	LED SEL5920A (SDP-E300 : LINE) (TA-VE100 : AUX)	
D548	8-719-053-10	LED SEL2910A-D-TP6 (PHANTOM)	
D549	8-719-053-10	LED SEL2910A-D-TP6 (3CH LOGIC)	
D550	8-719-053-10	LED SEL2910A-D-TP6 (NORMAL)	
D551	8-719-053-10	LED SEL2910A-D-TP6 (WIDE)	
D552	8-719-057-97	LED SEL5923A-TP15 (LEVEL5)	
D553	8-719-057-97	LED SEL5923A-TP15 (LEVEL4)	

Ref. No.	Part No.	Description	Remark
D554	8-719-057-97	LED SEL5923A-TP15 (LEVEL3)	
D555	8-719-057-97	LED SEL5923A-TP15 (LEVEL2)	
D556	8-719-057-97	LED SEL5923A-TP15 (LEVEL1)	
< IC >			
IC501	8-759-398-63	IC uPD78001BGC-624-AB8	
IC502	8-759-332-18	IC GP1U27XB	
< TRANSISTOR >			
Q501	8-729-900-63	TRANSISTOR DTA124ES	
Q502	8-729-900-36	TRANSISTOR DTC124ES	
Q532	8-729-900-80	TRANSISTOR DTC114ES	
Q533	8-729-900-80	TRANSISTOR DTC114ES	
Q534	8-729-900-80	TRANSISTOR DTC114ES	
Q535	8-729-900-80	TRANSISTOR DTC114ES	
Q536	8-729-900-80	TRANSISTOR DTC114ES	
Q537	8-729-900-80	TRANSISTOR DTC114ES	
Q538	8-729-900-80	TRANSISTOR DTC114ES	
Q551	8-729-900-36	TRANSISTOR DTC124ES	
< RESISTOR >			
R501	1-247-807-31	CARBON 100 5% 1/4W	
R502	1-247-807-31	CARBON 100 5% 1/4W	
R503	1-247-807-31	CARBON 100 5% 1/4W	
R504	1-247-807-31	CARBON 100 5% 1/4W	
R505	1-249-441-11	CARBON 100K 5% 1/4W	
R506	1-247-807-31	CARBON 100 5% 1/4W	
R507	1-247-807-31	CARBON 100 5% 1/4W	
R508	1-247-807-31	CARBON 100 5% 1/4W	
R509	1-247-807-31	CARBON 100 5% 1/4W	
R510	1-247-807-31	CARBON 100 5% 1/4W	
R511	1-247-807-31	CARBON 100 5% 1/4W	
R512	1-247-807-31	CARBON 100 5% 1/4W	
R513	1-247-807-31	CARBON 100 5% 1/4W	
R514	1-247-807-31	CARBON 100 5% 1/4W	
R515	1-247-807-31	CARBON 100 5% 1/4W	
R516	1-247-807-31	CARBON 100 5% 1/4W	
R517	1-247-807-31	CARBON 100 5% 1/4W	
R518	1-249-429-11	CARBON 10K 5% 1/4W	
R520	1-249-441-11	CARBON 100K 5% 1/4W	
R521	1-249-441-11	CARBON 100K 5% 1/4W	

Ref. No.	Part No.	Description	Remark		Ref. No.	Part No.	Description	Remark	
R522	1-249-441-11	CARBON	100K	5% 1/4W			< CAPACITOR >		
R523	1-249-425-11	CARBON	4.7K	5% 1/4W					
R524	1-249-429-11	CARBON	10K	5% 1/4W	C1	1-162-306-11	CERAMIC	0.01uF	30% 16V
R525	1-249-429-11	CARBON	10K	5% 1/4W	C2	1-126-964-11	ELECT	10uF	20% 50V
R526	1-249-429-11	CARBON	10K	5% 1/4W	C3	1-164-159-11	CERAMIC	0.1uF	50V
					C4	1-126-964-11	ELECT	10uF	20% 50V
R527	1-249-429-11	CARBON	10K	5% 1/4W	C11	1-162-302-11	CERAMIC	0.0022uF	30% 16V
R528	1-247-807-31	CARBON	100	5% 1/4W					
R529	1-247-807-31	CARBON	100	5% 1/4W	C12	1-162-600-11	CERAMIC	0.0047uF	30% 16V
R530	1-249-441-11	CARBON	100K	5% 1/4W	C13	1-126-934-11	ELECT	220uF	20% 16V
R531	1-249-417-11	CARBON	1K	5% 1/4W	C14	1-126-964-11	ELECT	10uF	20% 50V
					C15	1-126-964-11	ELECT	10uF	20% 50V
R532	1-249-415-11	CARBON	680	5% 1/4W	C16	1-126-964-11	ELECT	10uF	20% 50V
R533	1-249-415-11	CARBON	680	5% 1/4W					
R534	1-249-415-11	CARBON	680	5% 1/4W	C17	1-126-964-11	ELECT	10uF	20% 50V
R535	1-249-415-11	CARBON	680	5% 1/4W	C18	1-164-159-11	CERAMIC	0.1uF	50V
R536	1-249-415-11	CARBON	680	5% 1/4W	C19	1-164-159-11	CERAMIC	0.1uF	50V
					C20	1-124-902-00	ELECT	0.47uF	20% 50V
R537	1-249-417-11	CARBON	1K	5% 1/4W	C21	1-126-963-11	ELECT	4.7uF	20% 50V
R538	1-249-409-11	CARBON	220	5% 1/4W					
R539	1-249-407-11	CARBON	150	5% 1/4W	C22	1-124-902-00	ELECT	0.47uF	20% 50V
R540	1-249-409-11	CARBON	220	5% 1/4W	C23	1-126-963-11	ELECT	4.7uF	20% 50V
R541	1-249-433-11	CARBON	22K	5% 1/4W	C24	1-136-167-00	FILM	0.15uF	5% 50V
					C25	1-124-925-11	ELECT	2.2uF	20% 100V
R542	1-249-433-11	CARBON	22K	5% 1/4W	C26	1-136-167-00	FILM	0.15uF	5% 50V
R543	1-249-433-11	CARBON	22K	5% 1/4W					
R544	1-249-433-11	CARBON	22K	5% 1/4W	C27	1-136-167-00	FILM	0.15uF	5% 50V
R550	1-249-429-11	CARBON	10K	5% 1/4W	C28	1-124-925-11	ELECT	2.2uF	20% 100V
				(SDP-E300)	C29	1-136-167-00	FILM	0.15uF	5% 50V
R551	1-249-429-11	CARBON	10K	5% 1/4W	C30	1-126-963-11	ELECT	4.7uF	20% 50V
				(TA-VE100)	C31	1-124-902-00	ELECT	0.47uF	20% 50V
R553	1-249-425-11	CARBON	4.7K	5% 1/4W	C32	1-126-963-11	ELECT	4.7uF	20% 50V
R554	1-249-441-11	CARBON	100K	5% 1/4W	C33	1-124-902-00	ELECT	0.47uF	20% 50V
R555	1-249-429-11	CARBON	10K	5% 1/4W	C34	1-164-159-11	CERAMIC	0.1uF	50V
					C35	1-164-159-11	CERAMIC	0.1uF	50V
		< SWITCH >			C36	1-126-967-11	ELECT	47uF	20% 16V
S501	1-554-303-21	SWITCH, TACTILE (SURROUND MODE)			C37	1-136-173-00	FILM	0.47uF	5% 50V
S502	1-554-303-21	SWITCH, TACTILE (CENTER MODE)			C38	1-126-963-11	ELECT	4.7uF	20% 50V
S503	1-554-303-21	SWITCH, TACTILE (EFFECT -)			C39	1-126-933-11	ELECT	100uF	20% 16V
S504	1-554-303-21	SWITCH, TACTILE (EFFECT +)			C40	1-137-363-91	FILM	680PF	5% 50V
S509	1-554-303-21	SWITCH, TACTILE (VIDEO1)			C41	1-164-159-11	CERAMIC	0.1uF	50V
S510	1-554-303-21	SWITCH, TACTILE (VIDEO2)			C42	1-164-159-11	CERAMIC	0.1uF	50V
S511	1-554-303-21	SWITCH, TACTILE (TV)			C43	1-126-934-11	ELECT	220uF	20% 16V
S512	1-554-303-21	SWITCH, TACTILE			C44	1-124-925-11	ELECT	2.2uF	20% 100V
		(SDP-E300 : LINE, TA - VE100 : AUX)			C45	1-126-964-11	ELECT	10uF	20% 50V
					C46	1-126-963-11	ELECT	4.7uF	20% 50V
		< VIBRATOR >							
					C47	1-126-934-11	ELECT	220uF	20% 16V
X501	1-579-175-11	VIBRATOR, CERAMIC (10MHz)			C48	1-124-903-11	ELECT	1uF	20% 50V
*****					C49	1-136-159-00	FILM	0.033uF	5% 50V
*	A-4389-247-A	MAIN BOARD, COMPLETE (TA-VE100)			C50	1-130-473-00	MYLAR	0.0015uF	5% 50V
*	A-4389-257-A	MAIN BOARD, COMPLETE (SDP-E300)			C51	1-136-159-00	FILM	0.033uF	5% 50V

					C52	1-126-934-11	ELECT	220uF	20% 16V
					C53	1-126-934-11	ELECT	220uF	20% 16V
*	3-309-144-21	HEAT SINK			C54	1-126-967-11	ELECT	47uF	20% 50V
*	4-880-403-11	HEAT SINK			C55	1-126-967-11	ELECT	47uF	20% 50V
	7-685-647-79	SCREW +BVTP 3X10 TYPE2 IT-3							
	7-682-548-04	SCREW +BVTT 3X8 (S)							

MAIN

Ref. No.	Part No.	Description	Remark		
C56	1-124-903-11	ELECT	1uF	20%	50V
C57	1-124-903-11	ELECT	1uF	20%	50V
C58	1-126-964-11	ELECT	10uF	20%	50V
C59	1-126-964-11	ELECT	10uF	20%	50V
C60	1-126-964-11	ELECT	10uF	20%	50V
C61	1-126-964-11	ELECT	10uF	20%	50V
C62	1-136-159-00	FILM	0.033uF	5%	50V
C63	1-124-903-11	ELECT	1uF	20%	50V
C64	1-124-903-11	ELECT	1uF	20%	50V
C66	1-126-964-11	ELECT	10uF	20%	50V
C221	1-126-963-11	ELECT	4.7uF	20%	50V
C222	1-126-964-11	ELECT	10uF	20%	50V
C271	1-126-963-11	ELECT	4.7uF	20%	50V
C272	1-126-964-11	ELECT	10uF	20%	50V
C301	1-162-215-31	CERAMIC	47PF	5%	50V
C302	1-126-964-11	ELECT	10uF	20%	50V
C303	1-124-902-00	ELECT	0.47uF	20%	50V
C304	1-136-159-00	FILM	0.033uF	5%	50V
C305	1-162-282-31	CERAMIC	100PF	10%	50V
C306	1-126-963-11	ELECT	4.7uF	20%	50V
C330	1-124-925-11	ELECT	2.2uF	20%	100V (TA-VE100)
C331	1-126-933-11	ELECT	100uF	20%	10V (TA-VE100)
C332	1-136-165-00	FILM	0.1uF	5%	50V (TA-VE100)
C333	1-162-191-31	CERAMIC	2.2PF	10%	50V (TA-VE100)
C334	1-136-165-00	FILM	0.1uF	5%	50V (TA-VE100)
C351	1-162-215-31	CERAMIC	47PF	5%	50V
C352	1-126-964-11	ELECT	10uF	20%	50V
C353	1-124-902-00	ELECT	0.47uF	20%	50V
C354	1-136-159-00	FILM	0.033uF	5%	50V
C355	1-162-282-31	CERAMIC	100PF	10%	50V
C356	1-126-963-11	ELECT	4.7uF	20%	50V
C380	1-124-925-11	ELECT	2.2uF	20%	100V (TA-VE100)
C381	1-126-933-11	ELECT	100uF	20%	10V (TA-VE100)
C382	1-136-165-00	FILM	0.1uF	5%	50V (TA-VE100)
C383	1-162-191-31	CERAMIC	2.2PF	10%	50V (TA-VE100)
C384	1-136-165-00	FILM	0.1uF	5%	50V (TA-VE100)
C401	1-137-375-11	FILM	0.068uF	5%	50V
C402	1-137-375-11	FILM	0.068uF	5%	50V
C403	1-126-138-11	ELECT	4700uF	20%	50V (SDP-E300)
C403	1-126-955-11	ELECT	4700uF	20%	35V (TA-VE100)
C404	1-126-138-11	ELECT	4700uF	20%	50V (SDP-E300)

Ref. No.	Part No.	Description	Remark		
C404	1-126-955-11	ELECT	4700uF	20%	35V (TA-VE100)
C405	1-137-375-11	FILM	0.068uF	5%	50V
C406	1-137-375-11	FILM	0.068uF	5%	50V
C407	1-126-943-11	ELECT	2200uF	20%	25V
C408	1-126-943-11	ELECT	2200uF	20%	25V
C409	1-126-925-11	ELECT	470uF	20%	10V
C410	1-164-159-11	CERAMIC	0.1uF	50V	
C411	1-126-964-11	ELECT	10uF	20%	50V
C412	1-126-964-11	ELECT	10uF	20%	50V
C413	1-126-967-11	ELECT	47uF	20%	50V
C414	1-126-967-11	ELECT	47uF	20%	50V
C415	1-161-494-00	CERAMIC	0.022uF	25V	
C416	1-161-494-00	CERAMIC	0.022uF	25V	
C417	1-126-952-11	ELECT	1000uF	20%	16V
C418	1-164-097-11	CERAMIC	0.022uF	50V	
C419	1-124-903-11	ELECT	1uF	20%	50V
C420	1-164-159-11	CERAMIC	0.1uF	50V	
C421	1-126-964-11	ELECT	10uF	20%	50V
C422	1-126-956-91	ELECT	0.1uF	20%	50V
C423	1-124-903-11	ELECT	1uF	20%	50V (SDP-E300)
C431	1-126-964-11	ELECT	10uF	20%	50V (TA-VE100)
C432	1-126-964-11	ELECT	10uF	20%	50V (TA-VE100)
C433	1-126-964-11	ELECT	10uF	20%	50V (TA-VE100)
C434	1-126-964-11	ELECT	10uF	20%	50V (TA-VE100)
C435	1-126-964-11	ELECT	10uF	20%	50V
C436	1-126-964-11	ELECT	10uF	20%	50V
C437	1-126-964-11	ELECT	10uF	20%	50V
C438	1-126-964-11	ELECT	10uF	20%	50V
C439	1-126-964-11	ELECT	10uF	20%	50V (SDP-E300)
C440	1-126-964-11	ELECT	10uF	20%	50V (SDP-E300)
C441	1-126-964-11	ELECT	10uF	20%	50V (SDP-E300)
C442	1-126-964-11	ELECT	10uF	20%	50V (SDP-E300)
C800	1-124-925-11	ELECT	2.2uF	20%	100V
C801	1-126-933-11	ELECT	100uF	20%	10V
C802	1-136-165-00	FILM	0.1uF	5%	50V
C803	1-162-191-31	CERAMIC	2.2PF	10%	50V
C804	1-136-165-00	FILM	0.1uF	5%	50V
C850	1-124-925-11	ELECT	2.2uF	20%	100V
C851	1-126-933-11	ELECT	100uF	20%	10V
C852	1-136-165-00	FILM	0.1uF	5%	50V
C853	1-162-191-31	CERAMIC	2.2PF	10%	50V
C854	1-136-165-00	FILM	0.1uF	5%	50V
C900	1-126-964-11	ELECT	10uF	20%	50V (SDP-E300)

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C901	1-162-215-31	CERAMIC	47PF 5% 50V (SDP-E300)	D410	8-719-987-63	DIODE 1N4148M	
C902	1-126-963-11	ELECT	4.7uF 20% 50V (SDP-E300)	D411	8-719-987-63	DIODE 1N4148M (TA - VE100)	
C903	1-126-964-11	ELECT	10uF 20% 50V (SDP-E300)	D412	8-719-987-63	DIODE 1N4148M	
C904	1-162-215-31	CERAMIC	47PF 5% 50V (SDP-E300)	D414	8-719-987-63	DIODE 1N4148M	
C905	1-126-963-11	ELECT	4.7uF 20% 50V (SDP-E300)	< PLATE, GROUND >			
C950	1-126-964-11	ELECT	10uF 20% 50V (SDP-E300)	* E401	4-962-200-01	PLATE (TR), GROUND	
C951	1-162-215-31	CERAMIC	47PF 5% 50V (SDP-E300)	< IC >			
C952	1-126-963-11	ELECT	4.7uF 20% 50V (SDP-E300)	IC201	8-759-805-14	IC LC7822	
C953	1-126-964-11	ELECT	10uF 20% 50V (SDP-E300)	IC202	8-759-248-74	IC LA2785	
C954	1-162-215-31	CERAMIC	47PF 5% 50V (SDP-E300)	IC203	8-759-341-23	IC LV1011	
C955	1-126-963-11	ELECT	4.7uF 20% 50V (SDP-E300)	IC204	8-759-634-51	IC M5218AP	
C1001	1-162-306-11	CERAMIC	0.01uF 30% 16V (TA-VE100)	IC301	8-759-634-51	IC M5218AP	
C1002	1-162-306-11	CERAMIC	0.01uF 30% 16V (SDP-E300)	IC302	8-759-634-51	IC M5218AP	
C1003	1-162-306-11	CERAMIC	0.01uF 30% 16V	IC331	8-759-502-33	IC SI18752 (TA - VE100)	
C1004	1-101-005-00	CERAMIC	22000PF 50V	IC381	8-759-502-33	IC SI18752 (TA - VE100)	
C1005	1-164-159-11	CERAMIC	0.1uF 50V	IC402	8-759-231-58	IC TA7812S	
C1006	1-164-159-11	CERAMIC	0.1uF 50V	IC403	8-759-245-86	IC TA7912S	
C1009	1-164-159-11	CERAMIC	0.1uF 50V	IC404	8-759-333-83	IC NJM2103D	
C1010	1-164-159-11	CERAMIC	0.1uF 50V	IC801	8-759-069-56	IC LM3875 - Q (SDP-E300)	
< CONNECTOR >				IC801	8-759-502-33	IC SI18752 (TA-VE100)	
* CN201	1-695-821-11	CONNECTOR, BOARD TO BOARD 12P	(TA-VE100)	IC851	8-759-502-33	IC SI18752	
* CN202	1-750-196-11	CONNECTOR, BOARD TO BOARD 10P		IC901	8-759-634-51	IC M5218AP (SDP-E300)	
CN203	1-695-089-11	PIN, CONNECTOR (PC BOARD) 11P		IC951	8-759-634-51	IC M5218AP (SDP-E300)	
* CN206	1-565-495-11	CONNECTOR, BOARD TO BOARD 4P		< JACK >			
CN207	1-569-941-11	SOCKET, CONNECTOR 25P		J201	1-695-188-31	JACK, PIN 4P (LINE IN, VIDEO2 AUDIO IN) (SDP-E300)	
< DIODE >				J201	1-695-188-31	JACK, PIN 4P (AUX IN, VIDEO2 AUDIO IN) (TA-VE100)	
D11	8-719-001-30	DIODE UZL-9H3		J202	1-770-015-11	JACK, PIN 6P (VIDEO1 AUDIO IN / OUT) (SDP-E300)	
D12	8-719-987-63	DIODE 1N4148M		J203	1-774-819-11	JACK, PIN 2P (CENTER, MIX OUT) (SDP-E300)	
D15	8-719-109-93	DIODE RD6.2ESB2		J203	1-774-785-11	JACK, PIN 1P (MIX OUT) (TA-VE100)	
D401	8-719-987-63	DIODE 1N4148M		J204	1-774-822-11	JACK, PIN 2P (REAR OUT)	
D402	8-719-987-63	DIODE 1N4148M (TA-VE100)		J205	1-774-822-11	JACK, PIN 2P (FRONT OUT) (SDP- E300)	
D403	8-719-025-03	DIODE RBA-402-SL		< COIL >			
D404	8-719-025-03	DIODE RBA-402-SL		L11	1-410-509-11	INDUCTOR 10uH	
D405	8-719-200-82	DIODE 11ES2		L12	1-410-509-11	INDUCTOR 10uH	
D406	8-719-200-82	DIODE 11ES2		L331	1-420-872-00	COIL, AIR-CORE (TA-VE100)	
D407	8-719-200-82	DIODE 11ES2		L381	1-420-872-00	COIL, AIR-CORE (TA-VE100)	
D408	8-719-200-82	DIODE 11ES2		L401	1-410-509-11	INDUCTOR 10uH	
D409	8-719-987-63	DIODE 1N4148M		L801	1-420-872-00	COIL, AIR-CORE	
				L851	1-420-872-00	COIL, AIR-CORE	
				< TRANSISTOR >			
				Q11	8-729-180-92	TRANSISTOR 2SD809-K	
				Q12	8-729-801-93	TRANSISTOR 2SD1387	
				Q13	8-729-900-80	TRANSISTOR DTC114ES	
				Q14	8-729-900-61	TRANSISTOR DTA114ES	

MAIN

Ref. No.	Part No.	Description	Remark		
Q15	8-729-900-80	TRANSISTOR	DTC114ES		
Q16	8-729-119-76	TRANSISTOR	2SA1175 - HFE		
Q301	8-729-202-67	FET	2SK246-GR3		
Q302	8-729-141-30	TRANSISTOR	2SC3623A - LK		
Q303	8-729-141-30	TRANSISTOR	2SC3623A - LK		
Q304	8-729-141-30	TRANSISTOR	2SC3623A - LK		
Q351	8-729-202-67	FET	2SK246 - GR3		
Q352	8-729-141-30	TRANSISTOR	2SC3623A - LK		
Q353	8-729-141-30	TRANSISTOR	2SC3623A - LK		
Q354	8-729-141-30	TRANSISTOR	2SC3623A - LK		
Q401	8-729-018-60	TRANSISTOR	2SD2012 - LC		
Q402	8-729-620-05	TRANSISTOR	2SC2603 - EF		
Q403	8-729-119-78	TRANSISTOR	2SC403SP - 51 (TA-VE100)		
Q404	8-729-119-78	TRANSISTOR	2SC403SP - 51		
Q405	8-729-620-05	TRANSISTOR	2SC2603 - EF		
Q406	8-729-140-82	TRANSISTOR	2SA988 - PAFAEA		
Q407	8-729-140-84	TRANSISTOR	2SC1841 - PAFAEA		
Q408	8-729-119-76	TRANSISTOR	2SA1175 - HFE (SDP-E300)		
Q409	8-729-900-80	TRANSISTOR	DTC114ES (SDP-E300)		
Q901	8-729-141-30	TRANSISTOR	2SC3623A - LK (SDP-E300)		
Q902	8-729-141-30	TRANSISTOR	2SC3623A - LK (SDP-E300)		
Q903	8-729-141-30	TRANSISTOR	2SC3623A - LK (SDP-E300)		
Q904	8-729-141-30	TRANSISTOR	2SC3623A - LK (SDP-E300)		
Q905	8-729-141-30	TRANSISTOR	2SC3623A - LK (SDP-E300)		
Q951	8-729-141-30	TRANSISTOR	2SC3623A - LK (SDP-E300)		
Q952	8-729-141-30	TRANSISTOR	2SC3623A - LK (SDP-E300)		
< RESISTOR >					
R1	1-249-425-11	CARBON	4.7K	5%	1/4W
R11	1-249-407-11	CARBON	150	5%	1/4W
R12	1-249-431-11	CARBON	15K	5%	1/4W
R13	1-249-435-11	CARBON	33K	5%	1/4W
R14	1-247-903-00	CARBON	1M	5%	1/4W
R15	1-249-441-11	CARBON	100K	5%	1/4W
R16	1-249-421-11	CARBON	2.2K	5%	1/4W
R17	1-249-421-11	CARBON	2.2K	5%	1/4W
R18	1-249-421-11	CARBON	2.2K	5%	1/4W
R19	1-249-421-11	CARBON	2.2K	5%	1/4W
R20	1-249-417-11	CARBON	1K	5%	1/4W
R21	1-249-417-11	CARBON	1K	5%	1/4W
R22	1-249-441-11	CARBON	100K	5%	1/4W
R23	1-247-903-00	CARBON	1M	5%	1/4W
R24	1-249-435-11	CARBON	33K	5%	1/4W
R25	1-249-429-11	CARBON	10K	5%	1/4W
R26	1-249-429-11	CARBON	10K	5%	1/4W
R27	1-249-427-11	CARBON	6.8K	5%	1/4W
R28	1-249-427-11	CARBON	6.8K	5%	1/4W
R29	1-249-423-11	CARBON	3.3K	5%	1/4W
R30	1-249-411-11	CARBON	330	5%	1/4W
R201	1-249-417-11	CARBON	1K	5%	1/4W
R205	1-249-417-11	CARBON	1K	5%	1/4W
R207	1-249-417-11	CARBON	1K	5%	1/4W

(SDP-E300)

Ref. No.	Part No.	Description	Remark		
R209	1-249-417-11	CARBON	1K	5%	1/4W (SDP-E300)
R211	1-249-417-11	CARBON	1K	5%	1/4W (SDP-E300)
R215	1-249-441-11	CARBON	100K	5%	1/4W
R221	1-249-417-11	CARBON	1K	5%	1/4W
R222	1-249-441-11	CARBON	100K	5%	1/4W
R251	1-249-417-11	CARBON	1K	5%	1/4W
R255	1-249-417-11	CARBON	1K	5%	1/4W
R257	1-249-417-11	CARBON	1K	5%	1/4W (SDP-E300)
R259	1-249-417-11	CARBON	1K	5%	1/4W (SDP-E300)
R261	1-249-417-11	CARBON	1K	5%	1/4W (SDP-E300)
R265	1-249-441-11	CARBON	100K	5%	1/4W
R271	1-249-417-11	CARBON	1K	5%	1/4W
R272	1-249-441-11	CARBON	100K	5%	1/4W
R301	1-249-417-11	CARBON	1K	5%	1/4W
R302	1-249-421-11	CARBON	2.2K	5%	1/4W
R303	1-249-429-11	CARBON	10K	5%	1/4W
R304	1-249-431-11	CARBON	15K	5%	1/4W
R305	1-249-417-11	CARBON	1K	5%	1/4W
R306	1-247-903-00	CARBON	1M	5%	1/4W
R307	1-249-441-11	CARBON	100K	5%	1/4W
R308	1-247-903-00	CARBON	1M	5%	1/4W
R309	1-249-423-11	CARBON	3.3K	5%	1/4W
R310	1-247-883-00	CARBON	150K	5%	1/4W
R311	1-249-427-11	CARBON	6.8K	5%	1/4W
R312	1-249-413-11	CARBON	470	5%	1/4W
R321	1-249-417-11	CARBON	1K	5%	1/4W
R322	1-249-441-11	CARBON	100K	5%	1/4W (SDP-E300)
R323	1-249-421-11	CARBON	2.2K	5%	1/4W
R324	1-249-429-11	CARBON	10K	5%	1/4W
R325	1-249-417-11	CARBON	1K	5%	1/4W
R330	1-249-417-11	CARBON	1K	5%	1/4W (TA-VE100)
R332	1-249-433-11	CARBON	22K	5%	1/4W (TA-VE100)
R333	1-249-411-11	CARBON	330	5%	1/4W (TA-VE100)
R334	1-249-433-11	CARBON	22K	5%	1/4W (TA-VE100)
△ R336	1-249-389-11	CARBON	4.7	5%	1/4W F (TA-VE100)
△ R337	1-249-393-11	CARBON	10	5%	1/4W F (TA-VE100)
R340	1-249-429-11	CARBON	10K	5%	1/4W (TA-VE100)
R341	1-249-437-11	CARBON	47K	5%	1/4W (TA-VE100)
R351	1-249-417-11	CARBON	1K	5%	1/4W
R352	1-249-421-11	CARBON	2.2K	5%	1/4W

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

Ref. No.	Part No.	Description		Remark
R353	1-249-429-11	CARBON	10K	5% 1/4W
R354	1-249-431-11	CARBON	15K	5% 1/4W
R355	1-249-417-11	CARBON	1K	5% 1/4W
R356	1-247-903-00	CARBON	1M	5% 1/4W
R357	1-249-441-11	CARBON	100K	5% 1/4W
R358	1-247-903-00	CARBON	1M	5% 1/4W
R359	1-249-423-11	CARBON	3.3K	5% 1/4W
R360	1-247-883-00	CARBON	150K	5% 1/4W
R361	1-249-427-11	CARBON	6.8K	5% 1/4W
R362	1-249-413-11	CARBON	470	5% 1/4W
R371	1-249-417-11	CARBON	1K	5% 1/4W
R372	1-249-441-11	CARBON	100K	5% 1/4W
R373	1-249-421-11	CARBON	2.2K	5% 1/4W
R374	1-249-429-11	CARBON	10K	5% 1/4W
R375	1-249-417-11	CARBON	1K	5% 1/4W
R380	1-249-417-11	CARBON	1K	5% 1/4W (TA-VE100)
R382	1-249-433-11	CARBON	22K	5% 1/4W (TA-VE100)
R383	1-249-411-11	CARBON	330	5% 1/4W (TA-VE100)
R384	1-249-433-11	CARBON	22K	5% 1/4W (TA-VE100)
△ R386	1-249-389-11	CARBON	4.7	5% 1/4W F (TA-VE100)
△ R387	1-249-393-11	CARBON	10	5% 1/4W F (TA-VE100)
R390	1-249-429-11	CARBON	10K	5% 1/4W (TA-VE100)
R391	1-249-437-11	CARBON	47K	5% 1/4W (TA-VE100)
R403	1-249-429-11	CARBON	10K	5% 1/4W (TA-VE100)
R404	1-249-429-11	CARBON	10K	5% 1/4W
R405	1-249-429-11	CARBON	10K	5% 1/4W
△ R406	1-249-393-11	CARBON	10	5% 1/4W F
△ R407	1-249-393-11	CARBON	10	5% 1/4W F
R408	1-249-421-11	CARBON	2.2K	5% 1/4W
R409	1-249-429-11	CARBON	10K	5% 1/4W
R410	1-249-429-11	CARBON	10K	5% 1/4W
R411	1-249-423-11	CARBON	3.3K	5% 1/4W
R412	1-249-439-11	CARBON	68K	5% 1/4W
R413	1-249-433-11	CARBON	22K	5% 1/4W
R414	1-249-429-11	CARBON	10K	5% 1/4W
R415	1-249-423-11	CARBON	3.3K	5% 1/4W
R416	1-249-417-11	CARBON	1K	5% 1/4W
R417	1-249-429-11	CARBON	10K	5% 1/4W
R418	1-249-429-11	CARBON	10K	5% 1/4W
R419	1-249-425-11	CARBON	4.7K	5% 1/4W (TA-VE100)
R420	1-249-425-11	CARBON	4.7K	5% 1/4W
△ R421	1-215-887-00	METAL OXIDE	150	5% 2W F (TA-VE100)

Ref. No.	Part No.	Description		Remark
△ R422	1-215-891-11	METAL OXIDE	680	5% 2W F (SDP-E300)
△ R422	1-215-887-00	METAL OXIDE	150	5% 2W F (TA-VE100)
R423	1-249-435-11	CARBON	33K	5% 1/4W
R424	1-249-427-11	CARBON	6.8K	5% 1/4W
R425	1-249-441-11	CARBON	100K	5% 1/4W (SDP-E300)
R426	1-249-417-11	CARBON	1K	5% 1/4W (SDP-E300)
R427	1-249-429-11	CARBON	10K	5% 1/4W (SDP-E300)
R428	1-249-421-11	CARBON	2.2K	5% 1/4W (SDP-E300)
R429	1-249-421-11	CARBON	2.2K	5% 1/4W (SDP-E300)
R430	1-249-421-11	CARBON	2.2K	5% 1/4W (SDP-E300)
R431	1-249-421-11	CARBON	2.2K	5% 1/4W (SDP-E300)
R432	1-249-429-11	CARBON	10K	5% 1/4W (SDP-E300)
R433	1-249-421-11	CARBON	2.2K	5% 1/4W (SDP-E300)
R434	1-249-421-11	CARBON	2.2K	5% 1/4W (SDP-E300)
R435	1-249-421-11	CARBON	2.2K	5% 1/4W (SDP-E300)
R441	1-247-807-31	CARBON	100	5% 1/4W
R442	1-247-807-31	CARBON	100	5% 1/4W
R443	1-247-807-31	CARBON	100	5% 1/4W
R444	1-247-807-31	CARBON	100	5% 1/4W
R800	1-249-417-11	CARBON	1K	5% 1/4W
R802	1-249-433-11	CARBON	22K	5% 1/4W
R803	1-249-411-11	CARBON	330	5% 1/4W
R804	1-249-433-11	CARBON	22K	5% 1/4W
△ R806	1-249-389-11	CARBON	4.7	5% 1/4W F
△ R807	1-249-393-11	CARBON	10	5% 1/4W F
R810	1-249-429-11	CARBON	10K	5% 1/4W
R811	1-249-425-11	CARBON	4.7K	5% 1/4W (SDP-E300)
R813	1-249-437-11	CARBON	47K	5% 1/4W
R850	1-249-417-11	CARBON	1K	5% 1/4W
R852	1-249-433-11	CARBON	22K	5% 1/4W
R853	1-249-411-11	CARBON	330	5% 1/4W
R854	1-249-433-11	CARBON	22K	5% 1/4W
△ R856	1-249-389-11	CARBON	4.7	5% 1/4W F
△ R857	1-249-393-11	CARBON	10	5% 1/4W F
R860	1-249-441-11	CARBON	100K	5% 1/4W (SDP-E300)
R860	1-249-417-11	CARBON	1K	5% 1/4W (TA-VE100)
R861	1-249-429-11	CARBON	10K	5% 1/4W
R862	1-249-417-11	CARBON	1K	5% 1/4W
R863	1-249-437-11	CARBON	47K	5% 1/4W

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

MAIN

POWER

POWER CONNECTION

POWER SWITCH

Ref. No.	Part No.	Description	Remark
R865	1-249-419-11	CARBON	1.5K 5% 1/4W (SDP-E300)
R900	1-249-417-11	CARBON	1K 5% 1/4W (SDP-E300)
R901	1-249-441-11	CARBON	100K 5% 1/4W (SDP-E300)
R902	1-249-417-11	CARBON	1K 5% 1/4W (SDP-E300)
R903	1-249-429-11	CARBON	10K 5% 1/4W (SDP-E300)
R904	1-249-441-11	CARBON	100K 5% 1/4W (SDP-E300)
R905	1-249-417-11	CARBON	1K 5% 1/4W (SDP-E300)
R906	1-249-429-11	CARBON	10K 5% 1/4W (SDP-E300)
R907	1-249-421-11	CARBON	2.2K 5% 1/4W (SDP-E300)
R908	1-249-429-11	CARBON	10K 5% 1/4W (SDP-E300)
R909	1-249-441-11	CARBON	100K 5% 1/4W (SDP-E300)
R910	1-249-417-11	CARBON	1K 5% 1/4W (SDP-E300)
R911	1-249-417-11	CARBON	1K 5% 1/4W (SDP-E300)
R913	1-249-417-11	CARBON	1K 5% 1/4W (SDP-E300)
R914	1-249-417-11	CARBON	1K 5% 1/4W (SDP-E300)
R950	1-249-417-11	CARBON	1K 5% 1/4W (SDP-E300)
R951	1-249-441-11	CARBON	100K 5% 1/4W (SDP-E300)
R952	1-249-417-11	CARBON	1K 5% 1/4W (SDP-E300)
R953	1-249-429-11	CARBON	10K 5% 1/4W (SDP-E300)
R954	1-249-441-11	CARBON	100K 5% 1/4W (SDP-E300)
R955	1-249-417-11	CARBON	1K 5% 1/4W (SDP-E300)
R956	1-249-429-11	CARBON	10K 5% 1/4W (SDP-E300)
R957	1-249-421-11	CARBON	2.2K 5% 1/4W (SDP-E300)
R958	1-249-429-11	CARBON	10K 5% 1/4W (SDP-E300)
R959	1-249-441-11	CARBON	100K 5% 1/4W (SDP-E300)
R960	1-249-417-11	CARBON	1K 5% 1/4W (SDP-E300)
R961	1-249-417-11	CARBON	1K 5% 1/4W (SDP-E300)
R963	1-249-417-11	CARBON	1K 5% 1/4W (SDP-E300)
R964	1-249-417-11	CARBON	1K 5% 1/4W (SDP-E300)

Ref. No.	Part No.	Description	Remark
		< RELAY >	
RY401	1-515-920-11	RELAY (24V) (TA-VE100)	
RY402	1-515-920-11	RELAY (24V)	
		< TERMINAL >	
TB201	1-537-240-11	TERMINAL BOARD (CHECKER PIN) (FRONT SPEAKER) (TA-VE100)	
TB202	1-537-510-11	TERMINAL BOARD (SPEAKER) (6P) (REAR, CENTER SPEAKER)	
		< VIBRATOR >	
X11	1-579-952-21	VIBRATOR, CERAMIC (8MHz)	

*	1-659-840-11	POWER BOARD	

		< CAPACITOR >	
△ C101	1-113-920-11	ELECT 0.0022uF 20% 250V	
		< CONNECTOR >	
CN101	1-580-230-11	PIN, CONNECTOR (PC BOARD) 2P	
CN102	1-564-321-00	PIN, CONNECTOR 2P	
* CN103	1-565-495-11	CONNECTOR, BOARD TO BOARD 4P	
		< DIODE >	
D101	8-719-987-63	DIODE 1N4148M	
		< RELAY >	
△ RY101	1-755-018-11	RELAY	
		< TRANSFORMER >	
△ T101	1-448-523-11	TRANSFORMER, POWER	

*	1-659-839-11	POWER CONNECTION BOARD	

		< CONNECTOR >	
* CN613	1-565-480-11	CONNECTOR, BOARD TO BOARD 4P	
* CN614	1-565-480-11	CONNECTOR, BOARD TO BOARD 4P	

*	1-659-846-11	POWER SWITCH BOARD	

		< CONNECTOR >	
* CN505	1-506-509-11	PIN, CONNECTOR 4P	
		< DIODE >	
D547	8-719-028-38	LED SEL2215R-CD-TP (POWER)	

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

POWER SWITCH

TRANSFORMER

VIDEO (1)

VIDEO (2)

Ref. No.	Part No.	Description	Remark			
< RESISTOR >						
R552	1-249-407-11	CARBON	150	5%	1/4W	
< SWITCH >						
S515	1-554-118-00	SWITCH, PUSH (1 KEY) (POWER)				

*	1-659-841-11	TRANSFORMER BOARD				

	1-533-293-11	FUSE HOLDER				
< CONNECTOR >						
CN152	1-691-768-11	PLUG (MICRO CONNECTOR) 6P				
< FUSE >						
△ F151	1-532-078-00	FUSE, TIME LAG (T1A/250V) (SDP-E300)				
△ F151	1-532-215-00	FUSE, TIME LAG (T0.8A/250V) (TA-VE100)				
△ F152	1-532-237-00	FUSE, TIME LAG (T3.15A/250V) (TA-VE100)				
△ F152	1-532-350-00	FUSE, TIME LAG (T4A/250V) (SDP-E300)				
△ F153	1-532-237-00	FUSE, TIME LAG (T3.15A/250V) (TA-VE100)				
△ F153	1-532-350-00	FUSE, TIME LAG (T4A/250V) (SDP-E300)				

*	1-659-843-11	VIDEO (1) BOARD (TA-VE100)				

< CAPACITOR >						
C701	1-124-903-11	ELECT	1uF	20%	50V	
C702	1-124-903-11	ELECT	1uF	20%	50V	
C703	1-162-215-31	CERAMIC	47PF	5%	50V	
C704	1-162-215-31	CERAMIC	47PF	5%	50V	
C705	1-126-967-11	ELECT	47uF	20%	50V	
C706	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C707	1-126-967-11	ELECT	47uF	20%	50V	
C708	1-162-306-11	CERAMIC	0.01uF	30%	16V	
< CONNECTOR >						
CN701	1-573-826-11	CONNECTOR, BOARD TO BOARD 12P				
CN702	1-568-702-11	SOCKET, CONNECTOR 10P				
< DIODE >						
D718	8-719-987-63	DIODE 1N4148M				
< IC >						
IC701	8-759-333-84	IC NJM2279D				
IC702	8-759-700-65	IC NJM79L05A				
< JACK >						
J701	1-561-534-00	SOCKET, PIN 21P (VIDEO)				
J702	1-561-534-00	SOCKET, PIN 21P (TV)				

Ref. No.	Part No.	Description	Remark			
J703	1-774-227-11	JACK, PIN 1P (VIDEO2, VIDEO IN)				
< TRANSISTOR >						
Q701	8-729-900-61	TRANSISTOR	DTA114ES			
Q702	8-729-900-80	TRANSISTOR	DTC114ES			
Q703	8-729-900-61	TRANSISTOR	DTA114ES			
Q704	8-729-900-80	TRANSISTOR	DTC114ES			
< RESISTOR >						
R701	1-249-403-11	CARBON	68	5%	1/4W	
R702	1-249-403-11	CARBON	68	5%	1/4W	
R703	1-249-403-11	CARBON	68	5%	1/4W	
R704	1-249-403-11	CARBON	68	5%	1/4W	
R705	1-249-429-11	CARBON	10K	5%	1/4W	
R706	1-249-429-11	CARBON	10K	5%	1/4W	
R707	1-247-807-31	CARBON	100	5%	1/4W	
R708	1-247-807-31	CARBON	100	5%	1/4W	
R709	1-247-807-31	CARBON	100	5%	1/4W	
R710	1-247-807-31	CARBON	100	5%	1/4W	
R712	1-249-417-11	CARBON	1K	5%	1/4W	
R713	1-249-417-11	CARBON	1K	5%	1/4W	
R715	1-249-417-11	CARBON	1K	5%	1/4W	
R762	1-249-417-11	CARBON	1K	5%	1/4W	
R763	1-249-417-11	CARBON	1K	5%	1/4W	
R765	1-249-417-11	CARBON	1K	5%	1/4W	

*	1-659-844-11	VIDEO (2) BOARD (SDP-E300)				

< CAPACITOR >						
C701	1-124-903-11	ELECT	1uF	20%	50V	
C702	1-124-903-11	ELECT	1uF	20%	50V	
C703	1-162-215-31	CERAMIC	47PF	5%	50V	
C704	1-162-215-31	CERAMIC	47PF	5%	50V	
C705	1-126-967-11	ELECT	47uF	20%	50V	
C706	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C707	1-126-967-11	ELECT	47uF	20%	50V	
C708	1-162-306-11	CERAMIC	0.01uF	30%	16V	
< CONNECTOR >						
CN702	1-568-702-11	SOCKET, CONNECTOR 10P				
< DIODE >						
D718	8-719-987-63	DIODE	1N4148M			
< IC >						
IC701	8-759-333-84	IC	NJM2279D			
IC702	8-759-700-65	IC	NJM79L05A			

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

VIDEO (2)**VIDEO CONNECTION (1)****VIDEO CONNECTION (2)****VOLUME**

Ref. No.	Part No.	Description	Remark			
< JACK >						
J703	1-774-227-11	JACK, PIN 1P (VIDEO2, VIDEO IN)				
J704	1-774-821-11	JACK, PIN 3P (VIDEO1, VIDEO IN / OUT, MONITOR OUT)				
< RESISTOR >						
R701	1-249-403-11	CARBON	68	5%	1/4W	
R702	1-249-403-11	CARBON	68	5%	1/4W	
R703	1-249-403-11	CARBON	68	5%	1/4W	
R704	1-249-403-11	CARBON	68	5%	1/4W	
R705	1-249-429-11	CARBON	10K	5%	1/4W	
R706	1-249-429-11	CARBON	10K	5%	1/4W	
R707	1-247-807-31	CARBON	100	5%	1/4W	
R708	1-247-807-31	CARBON	100	5%	1/4W	
R709	1-247-807-31	CARBON	100	5%	1/4W	
R710	1-247-807-31	CARBON	100	5%	1/4W	

*	1-659-847-11	VIDEO CONNECTION (1) BOARD (TA-VE100)	*****			
< CONNECTOR >						
CN651	1-573-844-11	CONNECTOR, BOARD TO BOARD 12P				
* CN652	1-695-820-11	CONNECTOR, BOARD TO BOARD 12P	*****			

*	1-659-848-11	VIDEO CONNECTION (2) BOARD	*****			
< CONNECTOR >						
* CN653	1-568-704-11	PIN, CONNECTOR 10P				
CN654	1-750-187-11	CONNECTOR, BOARD TO BOARD 10P	*****			

*	1-659-842-11	VOLUME BOARD	*****			
< CAPACITOR >						
C611	1-126-964-11	ELECT	10uF	20%	50V	
< CONNECTOR >						
CN611	1-695-094-11	SOCKET, CONNECTOR 11P				
CN612	1-691-768-11	PLUG (MICRO CONNECTOR) 6P				
< IC >						
IC611	8-759-962-08	IC BA6208				
< RESISTOR >						
R611	1-249-429-11	CARBON	10K	5%	1/4W	
R612	1-249-429-11	CARBON	10K	5%	1/4W	

Ref. No.	Part No.	Description	Remark
< VARIABLE RESISTOR >			
RV611	1-225-183-11	RES, VAR, CARBON 100KX4 (VOLUME)	*****

MISCELLANEOUS			

11	1-773-215-11	WIRE (FLAT TYPE) (25 CORE)	
53	1-533-293-11	FUSE HOLDER	
△ 60	1-696-845-11	CORD, POWER (AUS)	
△ 60	1-776-060-11	CORD, POWER (AEP,G)	
△ 60	1-776-061-11	CORD, POWER (UK)	
△ F151	1-532-078-00	FUSE, TIME LAG (T1A/250V) (SDP-E300)	
△ F151	1-532-215-00	FUSE, TIME LAG (T0.8A/250V) (TA-VE100)	
△ F152	1-532-237-00	FUSE, TIME LAG (T3.15A/250V) (TA-VE100)	
△ F152	1-532-350-00	FUSE, TIME LAG (T4A/250V) (SDP-E300)	
△ F153	1-532-237-00	FUSE, TIME LAG (T3.15A/250V) (TA-VE100)	
△ F153	1-532-350-00	FUSE, TIME LAG (T4A/250V) (SDP-E300)	
△ T151	1-429-422-11	TRANSFORMER, POWER (TA-VE100)	
△ T151	1-429-423-11	TRANSFORMER, POWER (SDP-E300:AEP, UK, G)	
△ T151	1-429-634-11	TRANSFORMER, POWER (SDP-E300:AUS)	*****

ACCESSORIES & PACKING MATERIALS			

1-473-556-11	REMOTE COMMANDER (RM-VE100)	(TA-VE100)	
1-473-557-11	REMOTE COMMANDER (RM-PE300)	(SDP-E300)	
3-810-849-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE) (TA-VE100 : AEP, UK)		
3-810-849-21	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN) (TA-VE100 : AEP, G)		
3-810-850-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE) (SDP-E300 : AEP, UK, AUS)		
3-810-850-21	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN) (SDP-E300:AEP,G)		
* 4-981-424-01	CUSHION (VE)		
* 4-981-425-01	INDIVIDUAL CARTON (TA-VE100)		
* 4-981-425-11	INDIVIDUAL CARTON (SDP-E300)		
4-981-643-01	COVER, BATTERY (RM-VE100) (TA-VE100)		
4-983-537-01	COVER, BATTERY (RM-PE300) (SDP-E300)		

HARDWARE LIST			

#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
#3	7-682-560-04	SCREW +BVTT 4X6 (S)	
#4	7-682-548-04	SCREW +BVTT 3X8 (S)	
#5	7-685-647-79	SCREW +BVTP 3X10 TYPE2 IT-3	

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

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