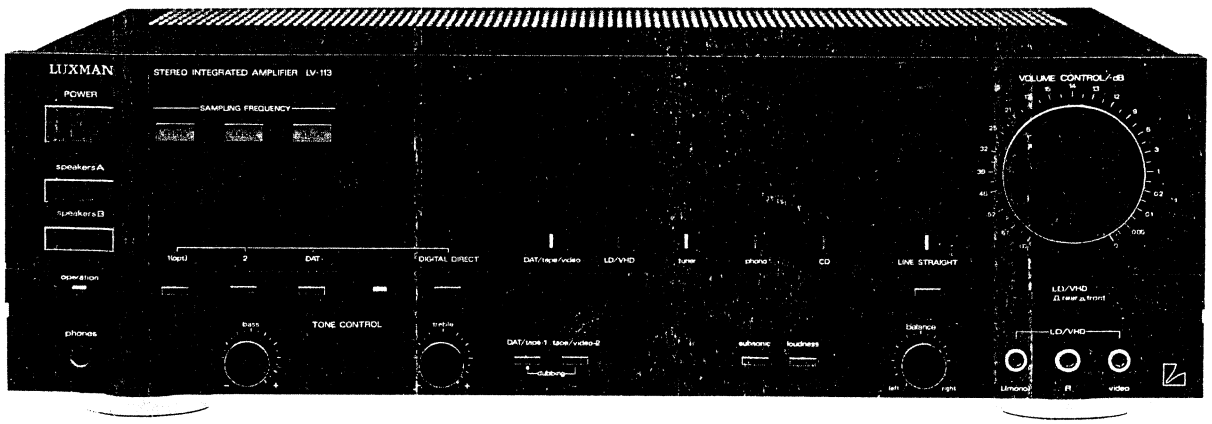
SERVICE MANUAL

Stereo Integrated Amplifier

LV-113



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Specifications

Power Output ····· 65W (20Hz~20kHz)
Headphones Output ····· (65W/8 ohms, 1kHz) : 800mV±50%
Input Sensitivity (1kHz) ····· DAT/Tape-1, VCR/Tape-2 : 150mV±20%
Phono (MM) : 2.5mV±0.5%
Input Impedance (1kHz) ····· DAT/Tape-1, VCR/Tape-2 : 40k ohm±5%
Phono (MM) : 47k ohm±5%
Frequency Response ····· DAT/Tape-1, VCR/Tape-2 : (10Hz~100kHz) +0.6-5dB
CD, Tuner, F.R.LD/VHD (LS ON) : (10Hz~100kHz) +0.6-3dB
Phono (MM) : (100Hz) 13.09±1dB
Phono (MM) : (10kHz) -13.74±1dB
Loudness Control (VR-30dB) ····· (100Hz) 6±2dB
(10kHz) 4±2dB
Tone Controls ····· Bass : (100Hz) ±10±3dB
Treble : (10kHz) ±10±3dB

S/N Ratio
(In Put Terminals Shorted) ····· CD, Tuner, F.R.LD/VHD (LS ON) : 83.6dB
DAT/Tape-1, VCR/Tape-2 : 77.6dB
Phono (MM) (SUB F ON) : 65.6dB
Cross Talk (10kHz) ····· CD, Tuner, F.R.LD/VHD (LS ON) : 40dB
Residual Noise ····· 1.2mV
Power Supply ····· 120/220/240V, 50Hz (AD Model Only)
120V, 60Hz (UZ/UQ Model Only)
100V, 50/60Hz (JA Model Only)
Dimension ····· 438 (W) ×137 (H) ×382 (D) mm
Weight ····· 9.8kg
Semiconductors ····· 49 Diodes, 4 Zener Diodes
33 Transistors, 2 Bridge Diodes
25 IC's (JA/UZ), 24 IC's (AD)

Note : Due to continuing product improvement, specifications and design are subject to change without notice.

Parts Locations

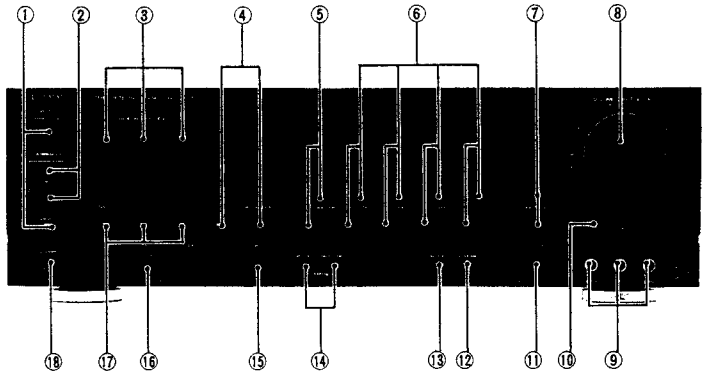


Figure 1
<2図>

1. POWER Button and Indicator
2. SPEAKERS A and B Buttons
3. SAMPLING FREQUENCY Indicators
4. DIGITAL DIRECT Button and Indicator
5. MONITOR (DAT/Tape/Video) Button and Indicator
6. INPUT SELECTOR Buttons and Indicators
7. LINE STRAIGHT Button and Indicator
8. VOLUME Control
9. LD/VHD FRONT Input Jacks
10. FRONT/REAR Button
11. BALANCE Control
12. LOUDNESS Button
13. SUBSONIC Filter Button
14. DAT/TAPE-1 and TAPE/VIDEO-2 Buttons
15. TREBLE Control
16. BASS Control
17. DIGITAL DIRECT 1 (OPT.), 2 and DAT Selector Buttons
18. PHONES Jack

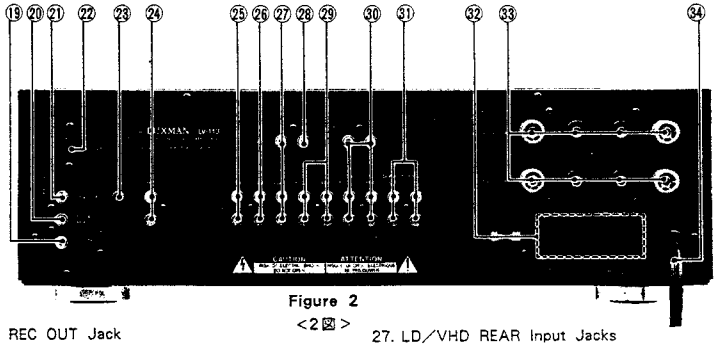


Figure 2
<2図>

19. DIGITAL REC OUT Jack
20. DIGITAL NONI Jack
21. DIGITAL IN-2 Jack
22. DIGITAL IN-1 (OPT.) Jack
23. GND Terminal
24. PHONO Jacks
25. CD Jacks
26. TUNER Jacks
27. LD/VHD REAR Input Jacks
28. VIDEO MONITOR Jack
29. DAT/TAPE-1 REC OUT and MONI Jacks
30. TAPE/VIDEO-2 Jacks
31. SIGNAL PROCESSOR IN and OUT Jacks
32. AC Outlets
33. SPEAKER Terminals
34. AC POWER CORD

Disassembly Instructions

1. Removal of Bracket Shield DAC

(1) After removal of the top cover, remove four screws marked "○" as shown in Figure 3 and 5.

1. ブラケットシールドDACの外し方

(1) 上カバーを外した後、4本のネジ（○印）を外します。（3、5図参照）

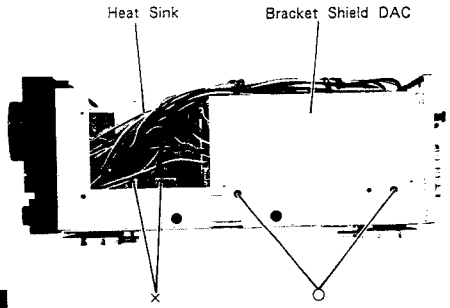


Figure 3
<3図>

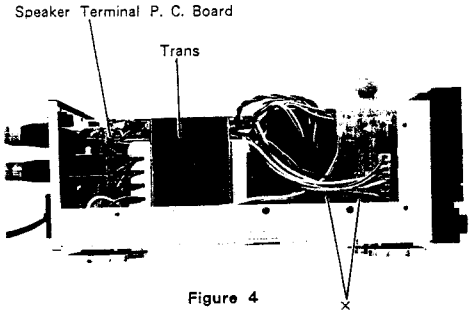


Figure 4
<4図>

2. Removal of Main P. C. Board

(1) After removal of Bracket Shield DAC remove eleven screws marked "×" as shown in Figure 3, 4, 5 and 6.

(2) Disconnect all wires from the Main P. C. Board and the P. C. Board with heatsink can be removed completely.

2. メイン基板の外し方

(1) ブラケット・シールドDACを外してから、11本のネジ（×印）を外します。(3、4、5、6図参照)

(2) メイン基板から出ている全てのワイヤーを外しますとヒートシンクと一緒にメイン基板を外すことができます。

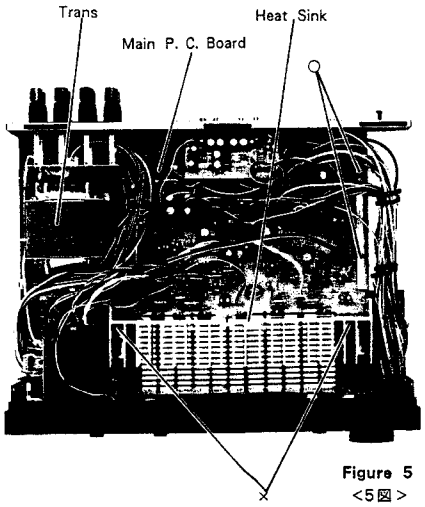


Figure 5
<5図>

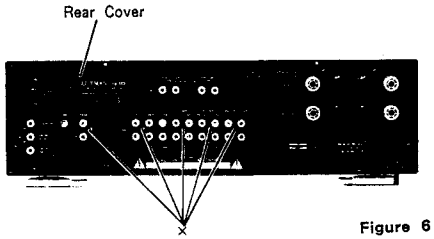


Figure 6
<6図>

Adjustment Procedures

1. Connections

1. 接続図

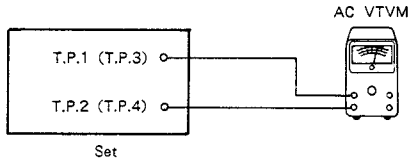


Figure 7
<7図>

2. Control Setting

Power Switch	ON
Speaker Switch	A Position
Others	OFF
Volume Control	Maximum
Treble／Bass／Balance Control	Center

2. スイッチ類のセット位置

電源スイッチ	ON
スピーカー・スイッチ	A位置
その他のスイッチ	OFF
音量調整	最大
トレブル／バス／バランス調整	中央

3. Adjustment Procedures

(1) Idling Adjustment (Figure 7. Connections)

1. Set VR7101 (VR7102) to center.(⟲)
2. Adjust VR7101 (VR7102) so that voltage between T.P.1 (T.P.3) and T.P.2 (T.P.4) reaches 5±30mV.

Note: Proceed the adjustment shown above about a minute after power is tunered on.

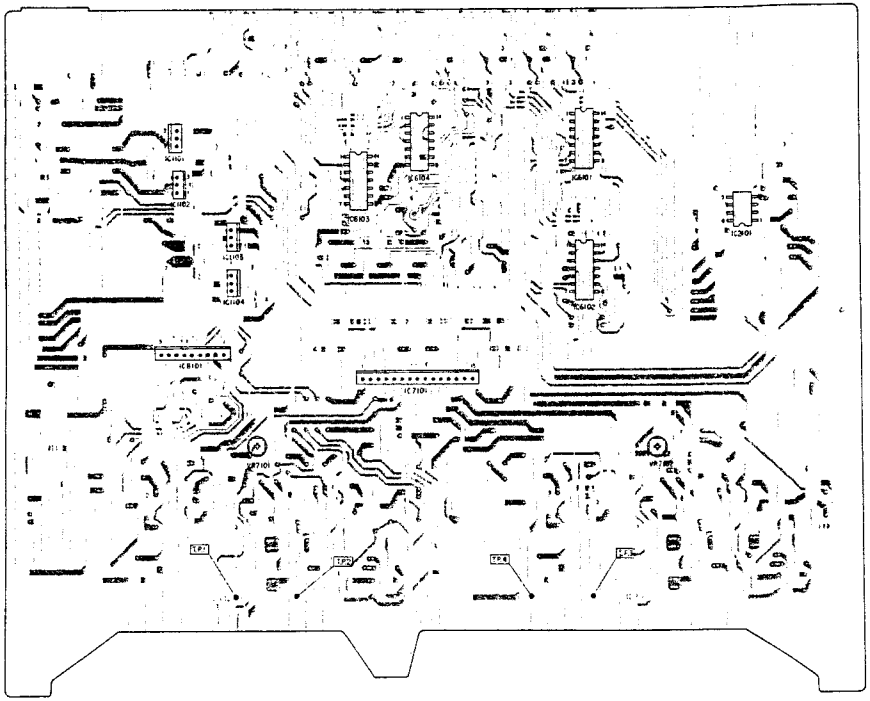
3. 調整方法

(1) アイドリング調整（7図接続図参照）

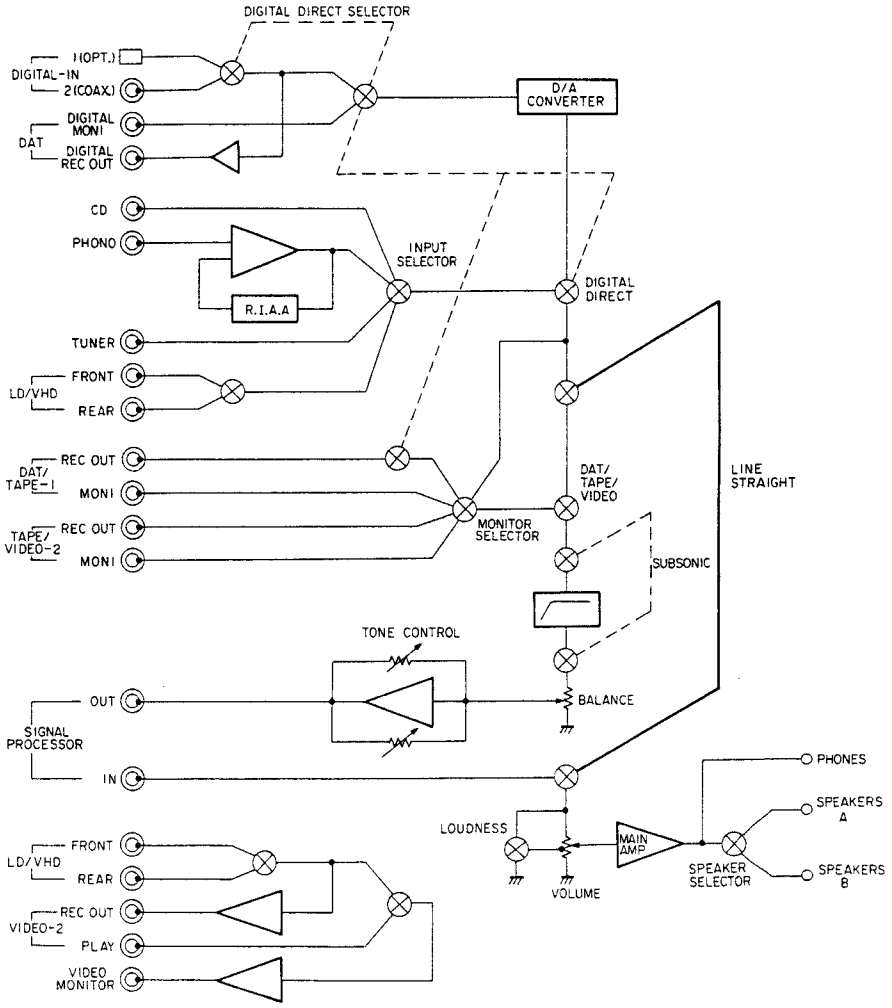
1. VR7101 (VR7102) を中央にセットする。(⟲)
2. VR7101 (VR7102) を調整して、T.P.1 (T.P.3) とT.P.2 (T.P.4) 間の電圧が5±30mVになるようにする。

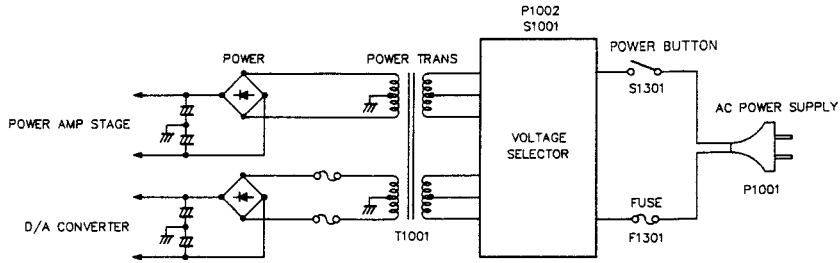
注意： 電源を入れて約1分位経ってから上記の調整を行います。

Adjustment Locations

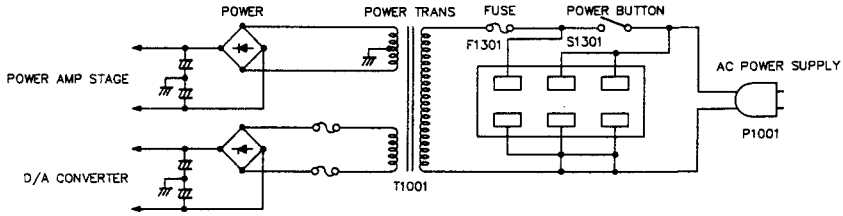


Block Diagram



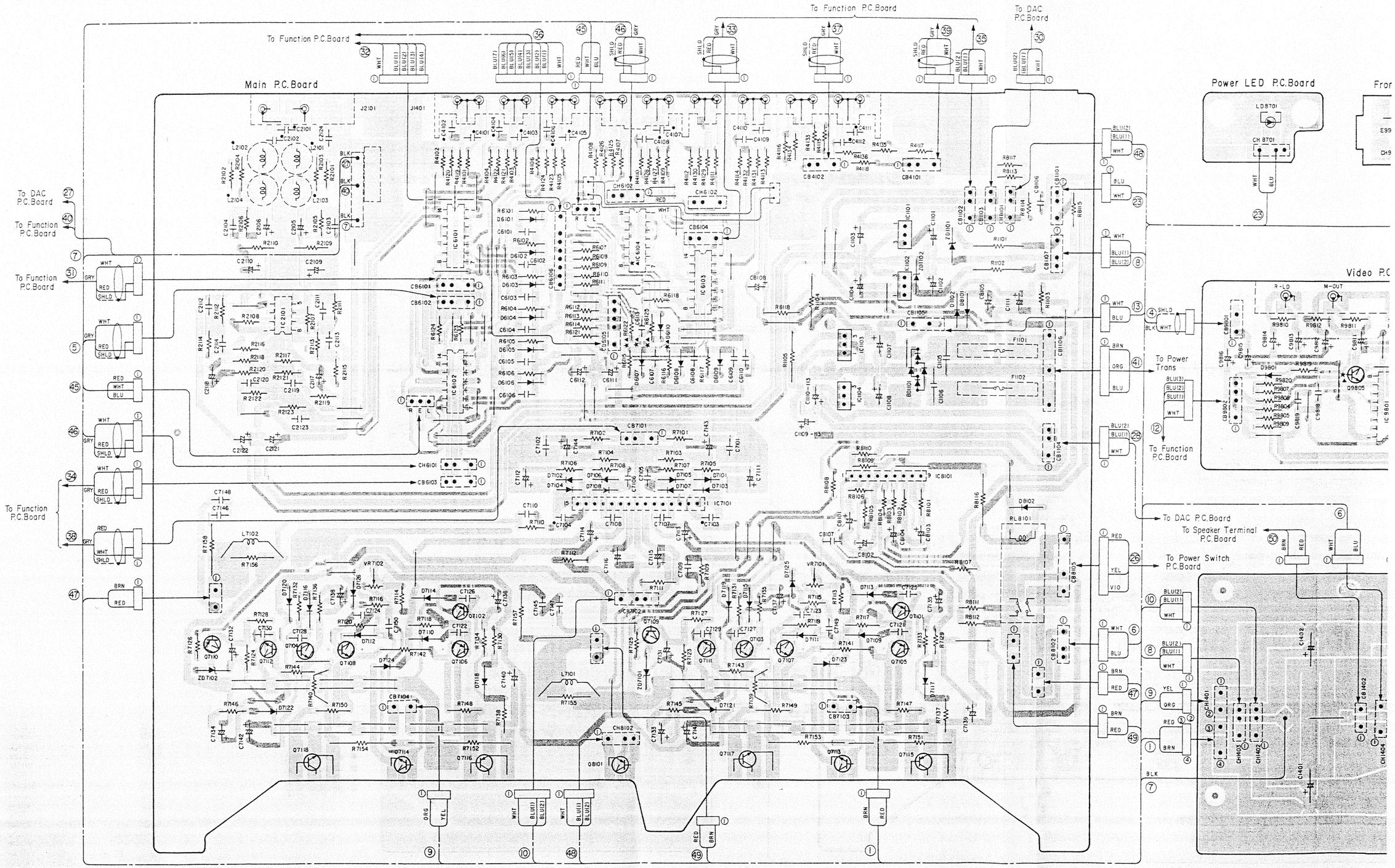


AD model only

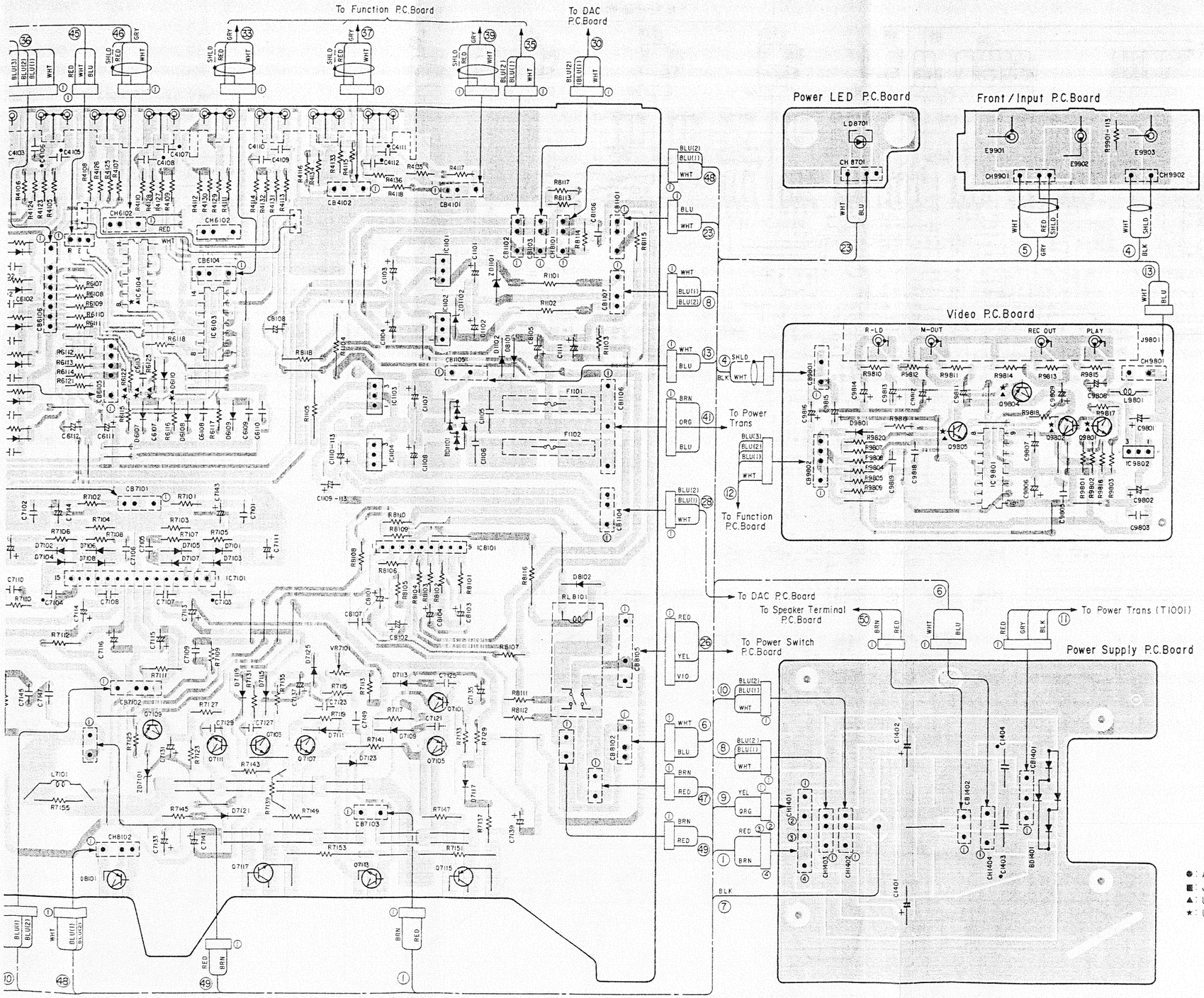


JA, UZ, UQ model

Parts Layout on P.C. Boards and Wiring Diagram (1/2)



2)

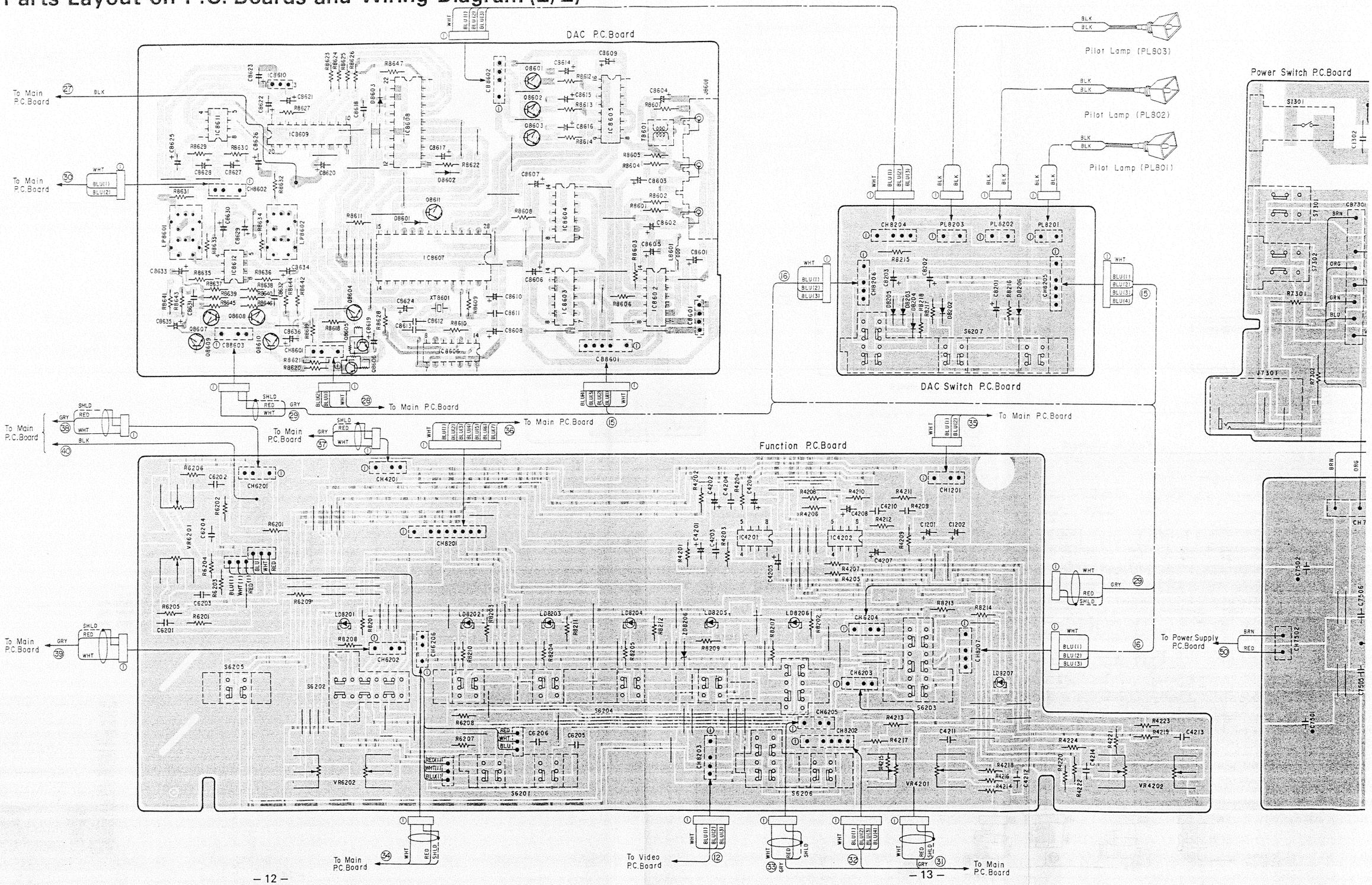


● : AD Model Only.
■ : JA Model Only.
▲ : UZ Model Only.
★ : UQ Model Only.

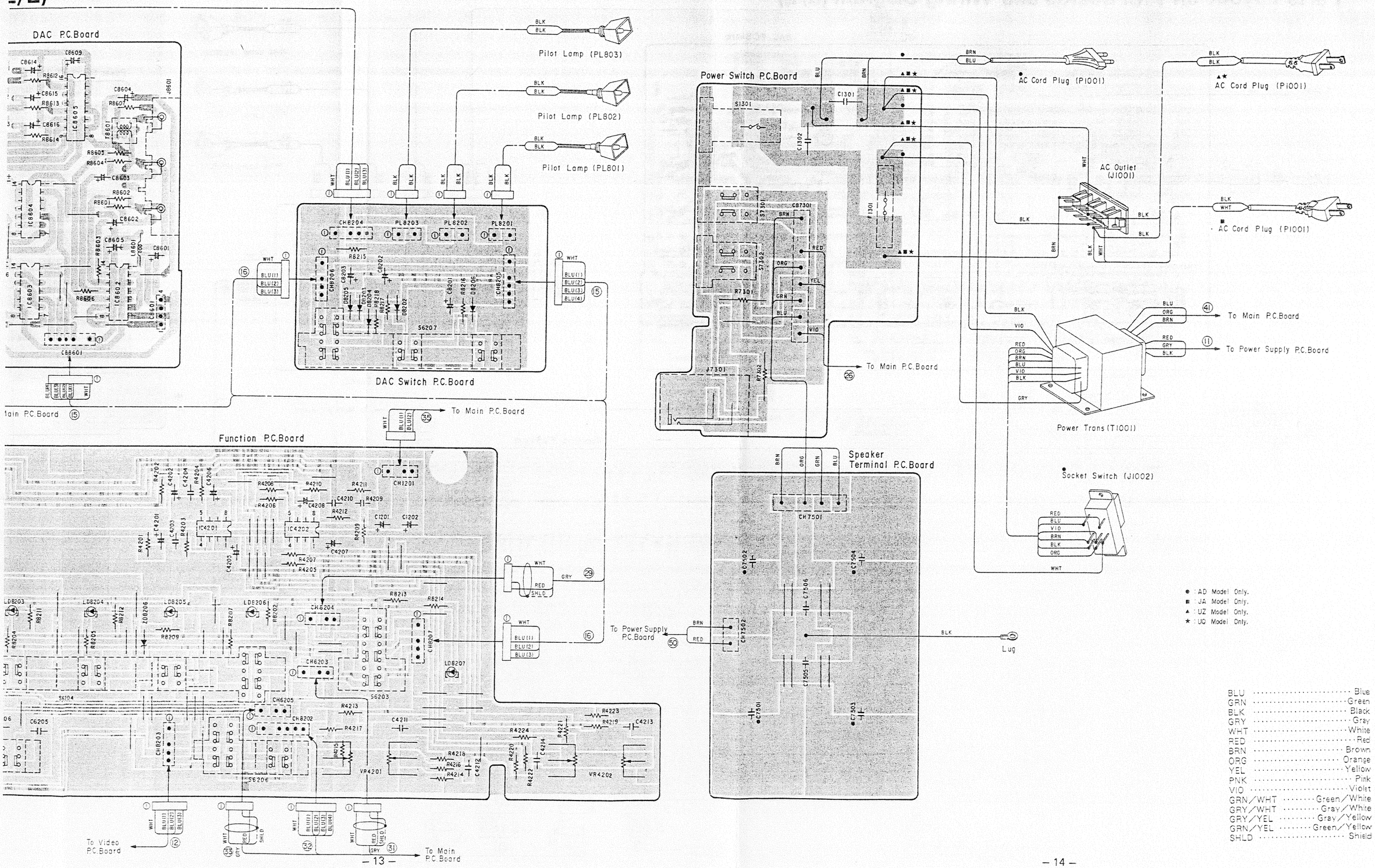
BLU	Blue
GRN	Green
BLK	Black
GRY	Gray
WHT	White
RED	Red
BRN	Brown
ORG	Orange
YEL	Yellow
PNK	Pink
VIO	Violet
GRN/WHT	Green/White
GRY/WHT	Gray/White
GRY/YEL	Gray/Yellow
GRN/YEL	Green/Yellow
SHLD	Shield

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Parts Layout on P.C. Boards and Wiring Diagram (2/2)



2/2)

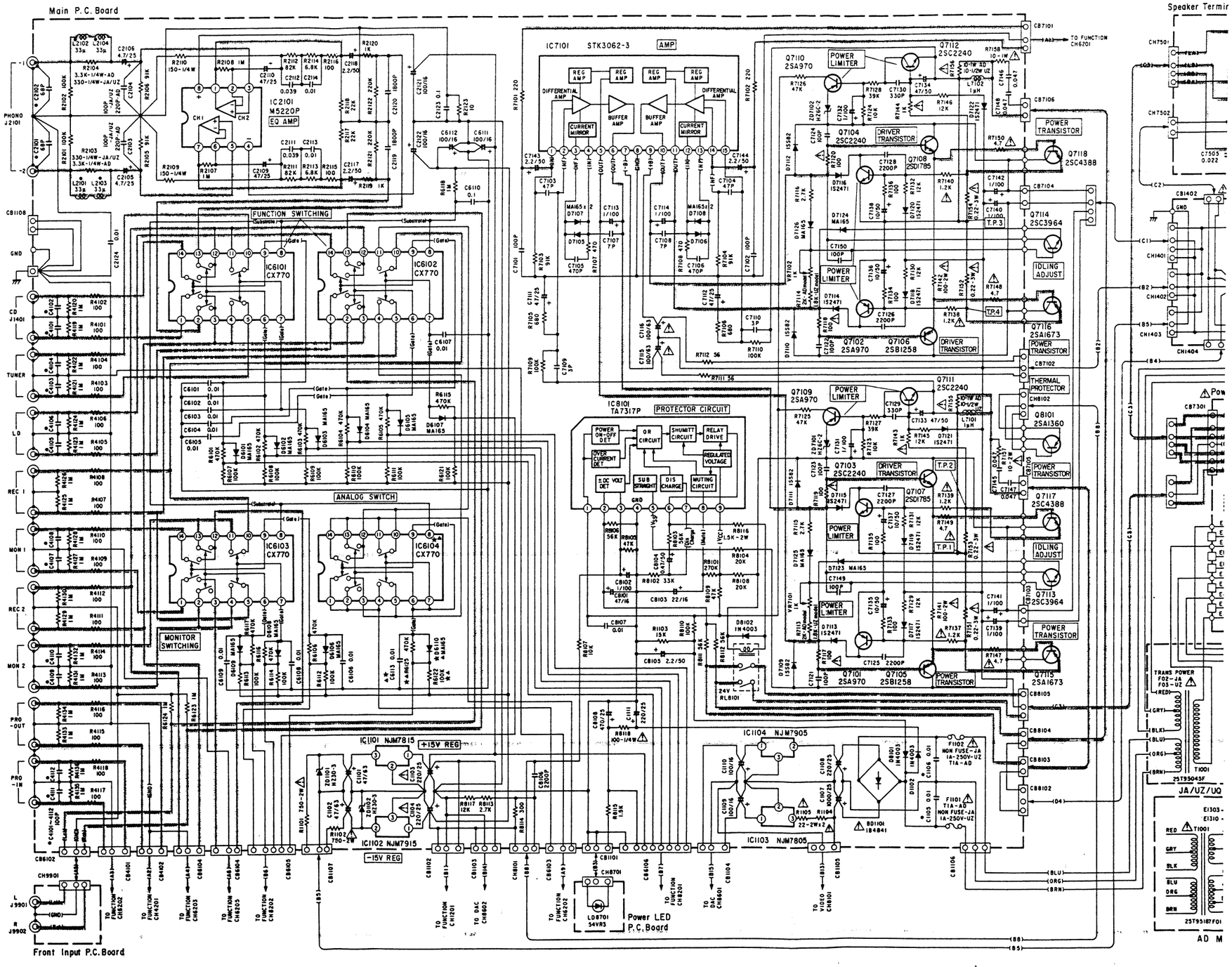


● : AD Model Only.
■ : JA Model Only.
▲ : UZ Model Only.
★ : UQ Model Only.

BLU	Blue
GRN	Green
BLK	Black
GRY	Gray
WHT	White
RED	Red
BRN	Brown
ORG	Orange
YEL	Yellow
PNK	Pink
VIO	Violet
GRN/WHT	Green/White
GRY/WHT	Gray/White
GRY/YEL	Gray/Yellow
GRN/YEL	Green/Yellow
SHLD	Shield

Schematic Diagram (1/2)

IC	IC2101 IC6101 IC6103 IC6102 IC6104 IC1101 IC1102 IC7101 IC8101 IC1104 IC1103
Transistor (Q)	Q7110 Q7104 Q7112 Q7108 Q7118 Q7109 Q7103 Q7111 Q7107 Q7114 Q7116 Q7101 Q8101 Q7117 Q7113 Q7115



IC6102
IC6104
IC1101
IC1102

IC7101

IC8101

IC1104
IC1103

Q7110 Q7104 Q7112 Q7108 Q7118
Q7102 Q7106 Q7114
Q7109 Q7103 Q7111 Q7107 Q7116
Q8101 Q7117
Q7105 Q7113 Q7115

IC2101 M5220P EQ AMP

FUNCTION SWITCHING

IC6101 CX770

IC6102 CX770

ANALOG SWITCH

IC6103 CX770

IC6104 CX770

IC7101 STK3062-3 AMP

REG AMP

DIFFERENTIAL AMP

CURRENT MIRROR

BUFFER AMP

POWER LIMITER

DRIVER TRANSISTOR

POWER TRANSISTOR

IDLING ADJUST

THERMAL PROTECTOR

IC8101 TA7317P PROTECTOR CIRCUIT

POWER ON-OFF DET

OVER CURRENT DET

±DC VOLT DET

OR CIRCUIT

SHUNITT CIRCUIT

SUB STRAIGHT

DIS CHARGE

RELAY DRIVE

REGULATED VOLTAGE

MUTING CIRCUIT

IC1101 NJM7815 +15V REG

IC1102 NJM7915 -15V REG

IC1104 NJM7905

IC1103 NJM7805

LD8701 54VR3 Power LED P.C.Board

Speaker Terminal P.C. Board

Power Supply P.C.Bourd

Power Switch P.C.Board

JA/UZ/UO Models Only

AD Model Only

TRANS POWER F02-JA F03-UZ

100/120V 50/60Hz JA/UZ

AC OUTLET J1001

VOLTAGE SELECTOR

TO FUNCTION CH6201

TO FUNCTION CH8202

TO FUNCTION CH1701

TO DAC CH8602

TO FUNCTION CH6202

TO FUNCTION CH8201

TO FUNCTION CH8601

TO VIDEO CH8101

	E	C	B
Q7101	0V	-1.4V	0V
Q7102	0V	-1.4V	0V
Q7103	0V	1.4V	0V
Q7104	0V	1.4V	
Q7105	-0.8V	-51V	-1.5V
Q7106	-0.8V	-51V	-1.5V
Q7107	0.8V	-51V	-1.5V
Q7108	0.8V	-51V	-1.5V
Q7109	45V	-0.6V	49V
Q7110	4.5V	0.8V	49V
Q7111	0V	49V	0V
Q7112	0V	49V	0V
Q7113	-0.9V	1.5V	-0.9V
Q7114	-0.8V	1.5V	-0.9V
Q7115	0V	-51V	0V
Q7116	0V	-51V	0V
Q7117	0V	-51V	0V
Q7118	0V	-51V	0V
DR101	15V	7.1V	14.8V

IC1101

1	15V
2	0V
3	31V

IC1102

1	-15V
2	-31V
3	0V

IC1103

1	5V
2	0V
3	28V

IC1104

1	-5V
2	-28V
3	0V

IC1201

1	0V
2	0V
3	0V
4	-15V
5	0V
6	0V
7	0V
8	15V

IC6102

1	0V
2	0V
3	0V
4	0V
5	0V
6	-15V
7	14V
8	-15V
9	-15V
10	0V
11	0V
12	0V
13	0V
14	0V

IC6103

1	0V
2	0V
3	0V
4	0V
5	0V
6	-15V
7	-15V
8	-15V
9	-15V
10	0V
11	0V
12	0V
13	0V
14	0V

IC6104

1	0V
2	0V
3	0V
4	0V
5	0V
6	-15V
7	-15V
8	-15V
9	-15V
10	0V
11	0V
12	0V
13	0V
14	0V

IC7101

1	0V
2	0V
3	47V
4	47V
5	-1.5V
6	1.5V
7	-50V
8	
9	50V
10	1.5V
11	-1.5V
12	47V
13	47V
14	0V
15	0V

IC8101

1	-0.6V
2	7mV
3	5mV
4	2.7mV
5	-0.7V
6	0.9V
7	2.7mV
8	1.3V
9	9.1V

IC6101

1	-7mV
2	0V
3	-7mV
4	0V
5	0V
6	-15V
7	-15V
8	-15V
9	14V
10	0V
11	0V
12	0V
13	0V
14	0V

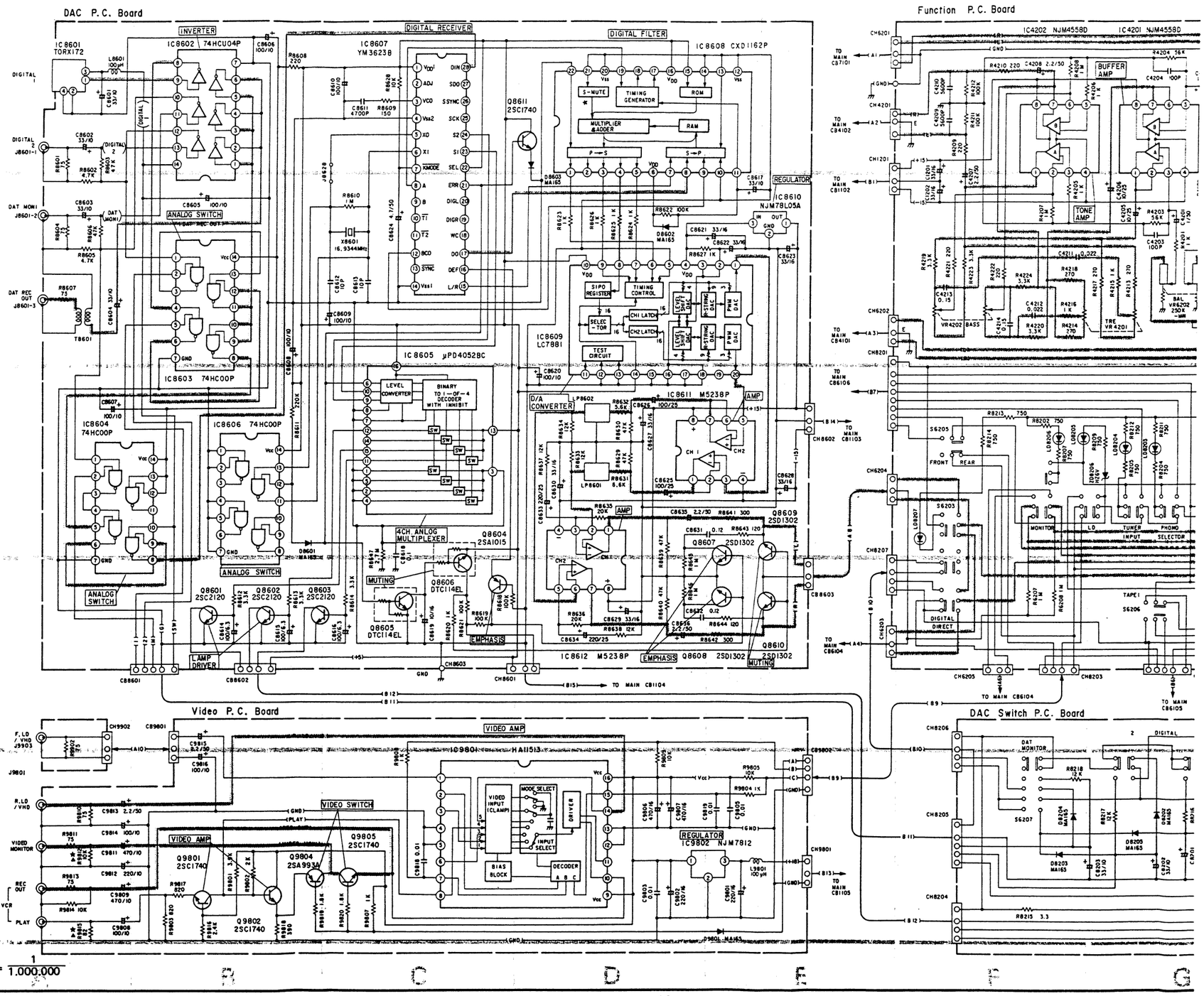
CAUTION:
The ⚠ marks in the schematic diagram designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list.

NOTES:
1. All resistance values are in ohms. K = 1,000
2. All capacitance values are in microfarads. $P = \frac{1}{1{,}000{,}000}$

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Schematic Diagram (2/2)

IC	IC8601	IC8604	IC8602 IC8603	IC8606	IC8605	IC8607	IC9801	IC8612	IC8608 IC8609	IC8611	IC9802	IC8610	IC4202	IC4201
Transistor (Q)			Q8601 Q9801	Q8602 Q9802	Q8603 Q9804	Q9805	Q8605	Q8606	Q8604	Q8611		Q8607 Q8608	Q8609 Q8610		



NOTES:

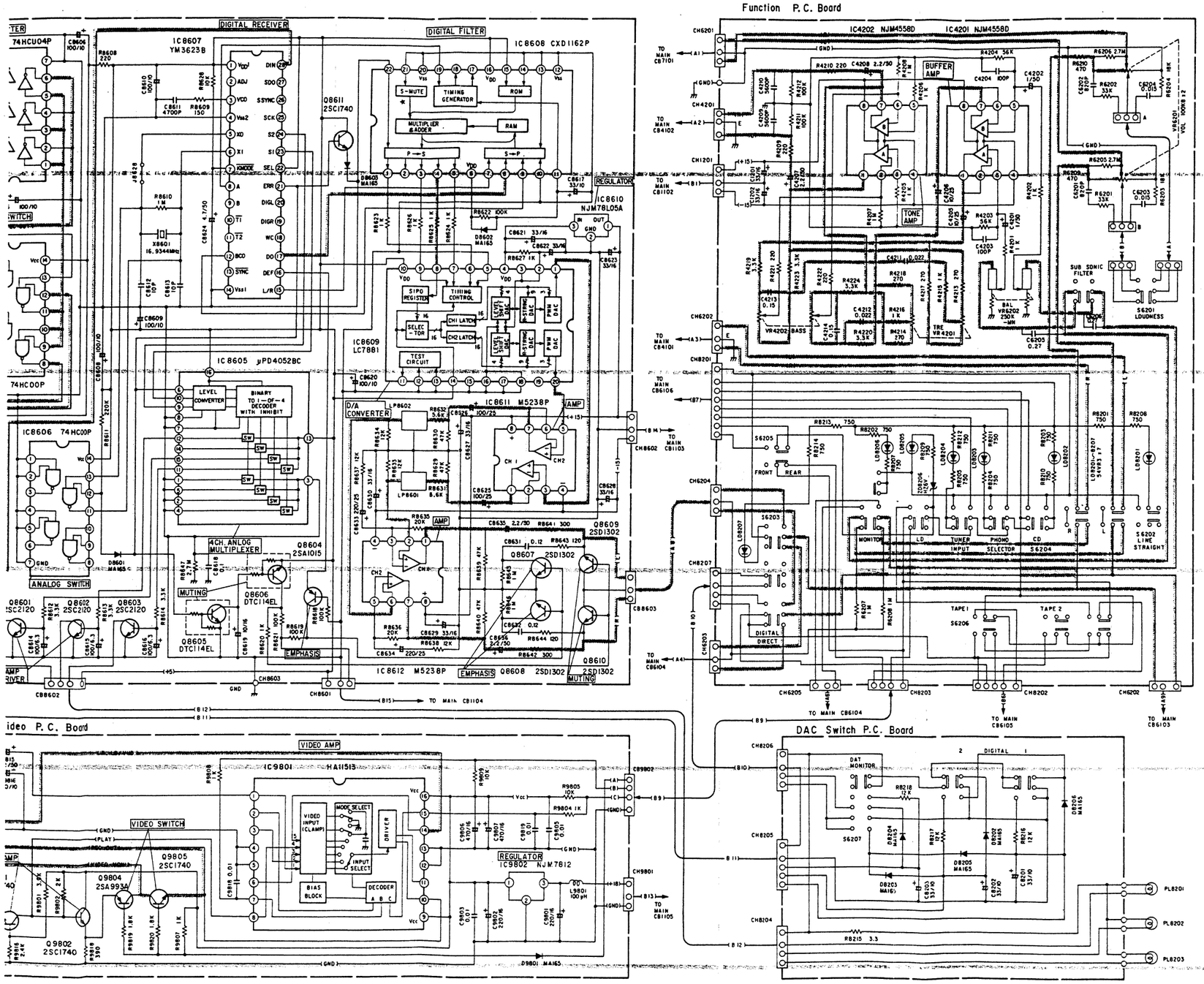
1. All resistance values are in ohms. K = 1,000
2. All capacitance values are in microfarads. P = $\frac{1}{1,000,000}$

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IC8602 IC8603 IC8606 IC8605 IC8607 IC9801 IC8612 IC8608 IC8609 IC8611 IC8610 IC9802 IC4202 IC4201

Q8601 Q9801 Q8602 Q9802 Q8603 Q9804 Q9805 Q8605 Q8606 Q8604 Q8611 Q8607 Q8608 Q8609 Q8610

Function P.C. Board



Video P.C. Board

DAC Switch P.C. Board

	E	C	B
Q8601	0V	5V	0V
Q8602	0V	5V	0V
Q8603	0V	5V	0V
Q8604	0V	-5V	0V
Q8605	0V	0V	4.4V
Q8606	5V	5V	0V
Q8607	0V	0V	-4V
Q8608	0V	0V	-4V
Q8609	0V	0V	0.7V
Q8610	-5V	0V	0.7V
Q9801	3.9V	7.1V	4.5V
Q9802	8.5V	12V	7.1V
Q9804	8.1V	0.1V	8.1V
Q9805	0V	0.1V	0V

IC4201

1	0V
2	0V
3	0V
4	-15V
5	0V
6	0V
7	0V
8	15V

IC4202

1	0V
2	0V
3	0V
4	-15V
5	0V
6	0V
7	0V
8	15V

IC8601

1	0V
2	0V
3	0V
4	0V

IC8602

1	0V
2	0V
3	0V
4	0V
5	0V
6	0V
7	0V
8	0V
9	0V
10	0V
11	0V
12	0V
13	0V
14	0V

IC8603

1	0V
2	5V
3	5V
4	0V
5	0V
6	5V
7	0V
8	5V
9	0V
10	0V
11	5V
12	5V
13	5V
14	5V

IC8604

1	0V
2	0V
3	5V
4	5V
5	5V
6	5V
7	5V
8	0V
9	0V
10	0V
11	0V
12	5V
13	5V
14	5V

IC8605

1	0V
2	0V
3	0V
4	0V
5	0V
6	4.5V
7	0V
8	0V
9	5V
10	5V
11	0V
12	0V
13	5V
14	0V
15	0V
16	5V

IC8606

1	0V
2	0V
3	0V
4	0V
5	0V
6	5V
7	0V
8	0V
9	0V
10	0V
11	1.7V
12	5V
13	2V
14	5V

IC8607

1	5V	15	2.5V
2	0V	16	0V
3	5V	17	0.2V
4	0V	18	0.6V
5	1.6V	19	5V
6	1.6V	20	5V
7	5V	21	5V
8	1.2V	22	5V
9	2V	23	1.2V
10	5V	24	1.2V
11	5V	25	2.5V
12	2.4V	26	1.2V
13	5V	27	0V
14	0V	28	2.5V

IC8608

1	2.5V	12	0V
2	0.9V	13	0V
3	2.5V	14	0V
4	0V	15	5V
5	2.5V	16	8V
6	5V	17	2.8V
7	2.5V	18	
8	1.2V	19	1.2V
9	2.4V	20	0V
10	0V	21	0V
11	5V	22	4.1V

IC8609

1	1.8V	11	0V
2	3.7V	12	0V
3	3.7V	13	0V
4	5V	14	5V
5	0V	15	0V
6	2.5V	16	0V
7	2.5V	17	0V
8	0V	18	0V
9	2.5V	19	0V
10	5V	20	1.8V

IC8610

1	15V
2	0V
3	5V

IC8611

1	1.8V
2	1.8V
3	1.8V
4	-15V
5	1.8V
6	1.8V
7	1.8V
8	15V

IC8612

1	0V
2	0V
3	0V
4	-15V
5	0V
6	0V
7	0V
8	15V

IC9801

1	3.9V	9	12V
2	0V	10	0V
3	0V	11	3.9V
4	0V	12	0V
5	0V	13	0V
6	3.9V	14	0V
7	0V	15	0V
8	3.9V	16	12V

IC9802

1	12V
2	0V
3	

[Measuring Conditions]
- Power Supply Voltage : JA AC100V
  : UQ/U2 AC120V
  : AD AC120/220/240V
- Measuring Meter : Digital Multi Voltmeter
- Measuring Point Reference : Between Ground
- Measuring Condition : No Signal Input

Electrical Parts List

Resistor : Carbon resistors under 1/4 watts are not mentioned in the parts list, please confirm them by schematic diagram.
uF = microfarads, pF = picofarads

Abbreviations

RES. = Resistor	CAP. = Capacitor
C.F. = Carbon Film	ELY. = Electrolytic
M.F. = Metal Film	CER. = Ceramic
M.O. = Metal Oxide Film	MYL. = Mylar
M.P. = Metal Plate	TAN. = Tantalum
TR. = Transistor	POLY. = Polystyrol
TRANS. = Transformer	PP. = Polypropylene
CP. = Chip	PLT. = Polyethylene

Symbol No.	Part No.	Description		
		Main P. C. Board		
		IC's		
IC1101	51T82394F01	NJM7815FA		
IC1102	51T82395F01	NJM7915FA		
IC1103	51T80338F01	NJM7805 MOLD		
IC1104	51T80339F01	NJM7905 MOLD		
IC2101	51T00038L01	M5220P		
IC6101	51T80864F01	CX-770		
IC6102	51T80864F01	CX-770		
IC6103	51T80864F01	CX-770		
▲ IC6104	51T80864F01	CX-770		
IC7101	51T68833F01	STK3062 MARK3		
IC8101	51T67437F01	TA7317P		
		Transistors		
Q7101	48T52545F03	2SA970		
Q7102	48T52545F03	2SA970		
Q7103	48T53301F02	2SC2240		
Q7104	48T53301F02	2SC2240		
Q7105	48T94820F01	2SB1258		
Q7106	48T94820F01	2SB1258		
Q7107	48T94821F01	2SD1785		
Q7108	48T94821F01	2SD1785		
Q7109	48T52545F03	2SA970		
Q7110	48T52545F03	2SA970		
Q7111	48T53301F02	2SC2240		
Q7112	48T53301F02	2SC2240		
		Diodes		
D1102	48T55186F01	IN4003		
D6101	48T44813F01	MA165TA		
D6102	48T44813F01	MA165TA		
D6103	48T44813F01	MA165TA		
D6104	48T44813F01	MA165TA		

Symbol No.	Part No.	Description		
D6105	48T44813F01	MA165TA		
D6106	48T44813F01	MA165TA		
D6107	48T44813F01	MA165TA		
D6108	48T44813F01	MA165TA		
D6109	48T44813F01	MA165TA		
▲ D6110	48T44813F02	MA165TA		
D7105	48T44813F01	MA165TA		
D7106	48T44813F01	MA165TA		
D7107	48T44813F01	MA165TA		
D7108	48T44813F01	MA165TA		
D7109	48T73079F02	ISS82 TD		
D7110	48T73079F02	ISS82 TD		
D7111	48T73079F02	ISS82 TD		
D7112	48T73079F02	ISS82 TD		
D7113	48T68764F01	1S2471		
D7114	48T68764F01	1S2471		
D7115	48T68764F01	1S2471		
D7116	48T68764F01	1S2471		
D7117	48T68764F01	1S2471		
D7118	48T68764F01	1S2471		
D7119	48T68764F01	1S2471		
D7120	48T68764F01	1S2471		
D7121	48T68764F01	1S2471		
D7122	48T68764F01	1S2471		
D7123	48T44813F01	MA165TA		
D7124	48T44813F01	MA165TA		
D7125	48T44813F01	MA165TA		
D7126	48T44813F01	MA165TA		
D8101	48T55186F01	IN4003-GPIOD		
D8102	48T55186F01	IN4003-GPIOD		
ZD1101	48T52739F99	Zener, HZ30-3		
ZD1102	48T52739F99	Zener, HZ30-3		
ZD7101	48T52739F41	Zener, HZ6C-2		
ZD7102	48T52739F41	Zener, HZ6C-2		
BD1101	48T61415F01	Bridge 1B4B41		
		Coils		
● L2101	24T83130F02	Inductor, 33 μH		
● L2102	24T83130F02	Inductor, 33 μH		
● L2103	24T83130F02	Inductor, 33 μH		
● L2104	24T83130F02	Inductor, 33 μH		
L7101	24T74372F02	Inductor, 1 μH VERTI		
L7102	24T74372F02	Inductor, 1 μH VERTI		

Notes : ● : For West German model only (AD), ▲ : For North American model only (UZ),
■ : For Japanese model only (JA), ★ : For Canadian model only (UQ), Others : Common.

LV-113

Symbol No.	Part No.	Description
	Relay/Jacks	
RL8101	80T95099F02	Relay, DH24D2-0T (M)
J2101	09T72605F01	Plate, PH (2P)
J4101	09T72606F02	Plate, PH (18P)
	Capacitors	
▲ C1101	23T00138L62	ELY., 47 μ F/63V
■ C1101	23T00138L62	ELY., 47 μ F/63V
● C1101	23T00149L68	ELY., 47 μ F/63V
▲ C1102	23T00138L62	ELY., 47 μ F/63V
■ C1102	23T00138L62	ELY., 47 μ F/63V
● C1102	23T00149L68	ELY., 47 μ F/63V
▲ C1103	23T00138L32	ELY., 220 μ F/25V
■ C1103	23T00138L32	ELY., 220 μ F/25V
● C1103	23T00149L37	ELY., 220 μ F/25V
▲ C1104	23T00138L32	ELY., 220 μ F/25V
■ C1104	23T00138L32	ELY., 220 μ F/25V
● C1104	23T00149L37	ELY., 220 μ F/25V
● C1105	21T68834F01	CER., 0.01 μ F
● C1106	21T68834F01	CER., 0.01 μ F
C1107	23T00134L46	ELY., 1000 μ F/25V
▲ C1108	23T00138L32	ELY., 220 μ F/25V
■ C1108	23T00138L32	ELY., 220 μ F/25V
● C1108	23T00149L37	ELY., 220 μ F/25V
▲ C1109	23T00138L21	ELY., 100 μ F/16V
■ C1109	23T00138L21	ELY., 100 μ F/16V
● C1109	23T00149L25	ELY., 100 μ F/16V
▲ C1110	23T00138L21	ELY., 100 μ F/16V
■ C1110	23T00138L21	ELY., 100 μ F/16V
● C1110	23T00149L25	ELY., 100 μ F/16V
▲ C1111	23T00138L32	ELY., 220 μ F/25V
■ C1111	23T00138L32	ELY., 220 μ F/25V
● C1111	23T00149L37	ELY., 220 μ F/25V
● C2101	21S40655F35	CER., 68pF
● C2102	21S40655F35	CER., 68pF
▲ C2103	08S40805F01	CER., 100pF
■ C2103	08S40805F01	CER., 100pF
● C2103	08S40805F03	CER., 220pF
▲ C2104	08S40805F01	CER., 100pF
■ C2104	08S40805F01	CER., 100pF
● C2104	08S40805F03	CER., 220pF
C2105	23T90772F40	ELY., 4.7 μ F/25V
C2106	23T90772F40	ELY., 4.7 μ F/25V
C2109	23T42478F31	ELY., 47 μ F/25V
C2110	23T42478F31	ELY., 47 μ F/25V
C2111	08T93406F63	PP., 0.039 μ F
C2112	08T93406F63	PP., 0.039 μ F
C2113	08T93406F49	PP., 0.01 μ F
C2114	08T93406F49	PP., 0.01 μ F
■ C2117	23T00149L46	ELY., 2.2 μ F/50V
● C2117	23T00149L53	ELY., 2.2 μ F/50V
▲ C2117	23T90772F70	ELY., 2.2 μ F/50V
■ C2118	23T00149L46	ELY., 2.2 μ F/50V
● C2118	23T00149L53	ELY., 2.2 μ F/50V
▲ C2118	23T90772F70	ELY., 2.2 μ F/50V
C2119	08T93406F31	PP., 1800pF
C2120	08T93406F31	PP., 1800pF
▲ C2121	23T00138L21	ELY., 100 μ F/16V
■ C2121	23T00138L21	ELY., 100 μ F/16V
● C2121	23T00149L25	ELY., 100 μ F/16V
▲ C2122	23T00138L21	ELY., 100 μ F/16V
■ C2122	23T00138L21	ELY., 100 μ F/16V
● C2122	23T00149L25	ELY., 100 μ F/16V
C2123	08T57298F01	CER., 0.1 μ F
C2124	08T57298F01	CER., 0.1 μ F
● C4101	08S40805F01	CER., 100pF
● C4102	08S40805F01	CER., 100pF
● C4103	08S40805F01	CER., 100pF
● C4104	08S40805F01	CER., 100pF
● C4105	08S40805F01	CER., 100pF
● C4106	08S40805F01	CER., 100pF
● C4107	08S40805F01	CER., 100pF
● C4108	08S40805F01	CER., 100pF
● C4109	08S40805F01	CER., 100pF
● C4110	08S40805F01	CER., 100pF
● C4111	08S40805F01	CER., 100pF
● C4112	08S40805F01	CER., 100pF
C6101	08T52714F13	CER., 0.01 μ F
C6102	08T52714F13	CER., 0.01 μ F
C6103	08T52714F13	CER., 0.01 μ F
C6104	08T52714F13	CER., 0.01 μ F
C6105	08T52714F13	CER., 0.01 μ F
C6106	08T52714F13	CER., 0.01 μ F
C6107	08T52714F13	CER., 0.01 μ F
C6108	08T52714F13	CER., 0.01 μ F
C6109	08T52714F13	CER., 0.01 μ F
C6110	08T57298F01	CER., 0.1 μ F
▲ C6111	23T00138L21	ELY., 100 μ F/16V
■ C6111	23T00138L21	ELY., 100 μ F/16V
● C6111	23T00149L25	ELY., 100 μ F/16V
▲ C6112	23T00138L21	ELY., 100 μ F/16V
■ C6112	23T00138L21	ELY., 100 μ F/16V
● C6112	23T00149L25	ELY., 100 μ F/16V
▲ C6113	08T44979P22	CER., 0.01 μ F
C7101	08S40805F01	CER., 100pF
C7102	08S40805F01	CER., 100pF

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Symbol No.	Part No.	Description
● C7103	08T61939F27	CER., 47pF
● C7104	08T61939F27	CER., 47pF
C7105	08S40805F05	CER., 470pF
C7106	08S40805F05	CER., 470pF
C7107	08T81196F05	MIC., 7pF
C7108	08T81196F05	MIC., 7pF
C7109	08T81196F03	MIC., 3pF
C7110	08T81196F03	MIC., 3pF
C7111	23T73856F13	ELY., 47 μ F/25V
C7112	23T73856F13	ELY., 47 μ F/25V
▲ C7113	23T00138L72	ELY., 1 μ F/100V
● C7113	23T00149L74	ELY., 1 μ F/100V
■ C7113	23T00138L72	ELY., 1 μ F/100V
▲ C7114	23T00138L72	ELY., 1 μ F/100V
● C7114	23T00149L74	ELY., 1 μ F/100V
■ C7114	23T00138L72	ELY., 1 μ F/100V
▲ C7115	23T00138L63	ELY., 100 μ F/63V
■ C7115	23T00138L63	ELY., 100 μ F/63V
● C7115	23T00149L69	ELY., 100 μ F/63V
▲ C7116	23T00138L63	ELY., 100 μ F/63V
■ C7116	23T00138L63	ELY., 100 μ F/63V
● C7116	23T00149L69	ELY., 100 μ F/63V
C7121	08T81196F34	MIC., 100pF
C7122	08T81196F34	MIC., 100pF
C7123	08T81196F34	MIC., 100pF
C7124	08T81196F34	MIC., 100pF
C7125	08T93406F33	PP., 2200pF
C7126	08T93406F33	PP., 2200pF
C7127	08T93406F33	PP., 2200pF
C7128	08T93406F33	PP., 2200pF
C7129	08T93406F13	PP., 330pF
C7130	08T93406F13	PP., 330pF
▲ C7131	23T00138L72	ELY., 1 μ F/100V
● C7131	23T00149L74	ELY., 1 μ F/100V
■ C7131	23T00138L72	ELY., 1 μ F/100V
▲ C7132	23T00138L72	ELY., 1 μ F/100V
● C7132	23T00149L74	ELY., 1 μ F/100V
■ C7132	23T00138L72	ELY., 1 μ F/100V
▲ C7133	23T00138L52	ELY., 47 μ F/50V
■ C7133	23T00138L52	ELY., 47 μ F/50V
● C7133	23T00149L59	ELY., 47 μ F/50V
▲ C7134	23T00138L52	ELY., 47 μ F/50V
■ C7134	23T00138L52	ELY., 47 μ F/50V
● C7134	23T00149L59	ELY., 47 μ F/50V
▲ C7135	23T00138L49	ELY., 10 μ F/50V
■ C7135	23T00138L49	ELY., 10 μ F/50V
● C7135	23T00149L56	ELY., 10 μ F/50V
▲ C7136	23T00138L49	ELY., 10 μ F/50V
■ C7136	23T00138L49	ELY., 10 μ F/50V
● C7136	23T00149L56	ELY., 10 μ F/50V
▲ C7137	23T00138L49	ELY., 10 μ F/50V
■ C7137	23T00138L49	ELY., 10 μ F/50V
● C7137	23T00149L56	ELY., 10 μ F/50V
▲ C7138	23T00138L49	ELY., 10 μ F/50V
■ C7138	23T00138L49	ELY., 10 μ F/50V
● C7138	23T00149L56	ELY., 10 μ F/50V
▲ C7139	23T00138L72	ELY., 1 μ F/100V
● C7139	23T00149L74	ELY., 1 μ F/100V
■ C7139	23T00138L72	ELY., 1 μ F/100V
▲ C7140	23T00138L72	ELY., 1 μ F/100V
● C7140	23T00149L74	ELY., 1 μ F/100V
■ C7140	23T00138L72	ELY., 1 μ F/100V
▲ C7141	23T00138L72	ELY., 1 μ F/100V
● C7141	23T00149L74	ELY., 1 μ F/100V
■ C7141	23T00138L72	ELY., 1 μ F/100V
▲ C7142	23T00138L72	ELY., 1 μ F/100V
● C7142	23T00149L74	ELY., 1 μ F/100V
■ C7142	23T00138L72	ELY., 1 μ F/100V
■ C7143	23T00149L46	ELY., 2.2 μ F/50V
● C7143	23T00149L53	ELY., 2.2 μ F/50V
▲ C7143	23T90772F70	ELY., 2.2 μ F/50V
■ C7144	23T00149L46	ELY., 2.2 μ F/50V
● C7144	23T00149L53	ELY., 2.2 μ F/50V
▲ C7144	23T90772F70	ELY., 2.2 μ F/50V
C7145	08T40658F70	CER., 0.047 μ F
C7146	08T40658F70	CER., 0.047 μ F
C7147	08T40658F70	CER., 0.047 μ F
C7148	08T40658F70	CER., 0.047 μ F
C7149	08S40805F01	CER., 100pF
C7150	08S40805F01	CER., 100pF
▲ C8101	23T00138L20	ELY., 47 μ F/16V
■ C8101	23T00138L20	ELY., 47 μ F/16V
● C8101	23T00149L23	ELY., 47 μ F/16V
▲ C8102	23T00138L72	ELY., 1 μ F/100V
● C8102	23T00149L74	ELY., 1 μ F/100V
■ C8102	23T00138L72	ELY., 1 μ F/100V
▲ C8103	23T00138L18	ELY., 22 μ F/16V
■ C8103	23T00138L18	ELY., 22 μ F/16V
● C8103	23T00149L21	ELY., 22 μ F/16V
▲ C8104	23T00138L44	ELY., 0.47 μ F/50V
■ C8104	23T00138L44	ELY., 0.47 μ F/50V
● C8104	23T00149L51	ELY., 0.47 μ F/50V
■ C8105	23T00138L46	ELY., 2.2 μ F/50V
▲ C8105	23T00138L46	ELY., 2.2 μ F/50V
● C8105	23T00149L53	ELY., 2.2 μ F/50V
C8106	08S40805F11	CER., 2200pF
C8107	08T52714F13	CER., 0.01 μ F
C8108	23T00149L39	ELY., 470 μ F/25V

Notes : ● : For West German model only (AD), ▲ : For North American model only (UZ),
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Symbol No.	Part No.	Description
Resistors		
R1101	06T92264F46	M.F., 750 ohm 2W
R1102	06T92264F46	M.F., 750 ohm 2W
R1104	06T92264F09	M.F., 22 ohm 2W
R1105	06T92264F09	M.F., 22 ohm 2W
R7141	06T92264F25	M.F., 100 ohm 2W
R7142	06T92264F25	M.F., 100 ohm 2W
R7151	06T92262F01	M.F., 0.22 ohm 3W
R7152	06T92262F01	M.F., 0.22 ohm 3W
R7153	06T92262F01	M.F., 0.22 ohm 3W
R7154	06T92262F01	M.F., 0.22 ohm 3W
● R7155	06T92263F01	M.F., 10 ohm 1W
■ R7155	06T92263F01	M.F., 10 ohm 1W
▲ R7155	06C43205J37	M.F., 10 ohm 1/2W
● R7156	06T92263F01	M.F., 10 ohm 1W
■ R7156	06T92263F01	M.F., 10 ohm 1W
▲ R7156	06C43205J37	M.F., 10 ohm 1/2W
R7157	06T92264F01	M.F., 10 ohm 2W
R7158	06T92264F01	M.F., 10 ohm 2W
R8116	06T92264F53	M.F., 1.5k ohm 2W
VR7101	18C41732G07	Variable 1k ohm
VR7102	18C41732G07	Variable 1k ohm
Power Switch P. C. Board		
Switches/Jack/Capacitors/Resistors		
S1301	40T92255F02	Switch, PUSH SDLD 1P (POWER)
S7301	40T95032F01	Switch, PUSH SPUN19 (SPEAKERS A)
S7302	40T95031F01	Switch, PUSH SPUN12 (SPEAKERS B)
J7301	09T52845F12	Jack, HD M1658AYCA (PHONE)
C1301	08T57437F09	CER., 0.01 μF
C1302	08T57437F09	CER., 0.01 μF
R7301	06T92264F33	M.F., 220 ohm
R7302	06T92264F33	M.F., 220 ohm
Power Supply P. C. Board		
Diode/Capacitors		
BD1401	48T81924F01	Bridge Diode, RBV-602
C1401	23T95038F01	ELY., 0.01 μF/63V
C1402	23T95038F01	ELY., 0.01 μF/63V
● C1403	21T68834F01	CER., 0.01 μF
● C1404	21T68834F01	CER., 0.01 μF

Symbol No.	Part No.	Description
Function P. C. Board		
IC's		
IC4201	51T52383F01	NJM4558D
IC4202	51T52383F01	NJM4558D
Diodes		
LD8201	48T66616F02	LED, SLR-54VR3 (RED)
LD8202	48T66616F02	LED, SLR-54VR3 (RED)
LD8203	48T66616F02	LED, SLR-54VR3 (RED)
LD8204	48T66616F02	LED, SLR-54VR3 (RED)
LD8205	48T66616F02	LED, SLR-54VR3 (RED)
LD8206	48T66616F02	LED, SLR-54VR3 (RED)
LD8207	48T66616F02	LED, SLR-54VR3 (RED)
ZD8206	48T68697F27	Zener, HZS6.8EB2
Switches		
S6201	40T95030F01	Switch, PUSH SPEC23 (LOUDNESS)
S6202	40T83838F01	Switch, PUSH 1P (LINE STRAIGHT)
S6203	40T83838F01	Switch, PUSH 1P (DIGITAL DIRECT)
S6204	40T95034F01	Switch, PUSH SPEA51 (INPUT SELECTOR)
S6205	40T95063F01	Switch, PUSH SPEC12 (FRONT REAR)
S6206	40T95064F01	Switch, PUSH SPEC23 (TAPE1/2)
Capacitors		
C1201	23S57007F13	ELY., 33 μF/16V
C1202	23S57007F13	ELY., 33 μF/16V
C4201	23S57007F05	ELY., 1 μF/50V
C4202	23S57007F05	ELY., 1 μF/50V
C4203	08S40805F01	CER., 100pF
C4204	08S40805F01	CER., 100pF
C4205	23S57007F21	ELY., 10 μF/25V
C4206	23S57007F21	ELY., 10 μF/25V
C4207	23S57007F06	ELY., 2.2 μF/50V
C4208	23S57007F06	ELY., 2.2 μF/50V

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Symbol No.	Part No.	Description
C4209	08S40805F16	CER., 5600pF
C4210	08S40805F16	CER., 5600pF
C4211	08T57851F05	T.F., 0.022 μF
C4212	08T57851F05	T.F., 0.022 μF
C4213	08T57851F15	T.F., 0.15 μF
C4214	08T57851F15	T.F., 0.15 μF
C6201	08T93406F23	PP., 820pF
C6202	08T93406F23	PP., 820pF
C6203	08T57851F03	T.F., 0.015 μF
C6204	08T57851F03	T.F., 0.015 μF
C6205	08T57851F18	T.F., 0.27 μF
C6206	08T57851F18	T.F., 0.27 μF
Volumes		
VR4201	18T95027F01	Volume, K162 10k ohm B × 2 (TREBLE)
VR4202	18T95027F01	Volume, K162 10k ohm B × 2 (BASS)
VR6201	18T71727F01	Volume, 100k ohm B × 2 (CT), RKDA00 (VOLUME)
VR6202	18T95028F01	Volume, K162 250k ohm MN (BALANCE)
Speaker Terminal P. C. Board		
Capacitors		
● C7501	08S40805F07	CER., 1000pF
● C7502	08S40805F07	CER., 1000pF
● C7503	08S40805F07	CER., 1000pF
● C7504	08S40805F07	CER., 1000pF
● C7505	08S40805F21	CER., 0.022 μF
● C7506	08S40805F21	CER., 0.022 μF
DAC Switch P. C. Board		
Diodes/Capacitors		
D8202	48T44813F01	MA165TA
D8203	48T44813F01	MA165TA
D8204	48T44813F01	MA165TA
D8205	48T44813F01	MA165TA
D8206	48T44813F01	MA165TA
C8201	23S57007F12	ELY., 33 μF/10V
C8202	23S57007F12	ELY., 33 μF/10V
C8203	23S57007F12	ELY., 33 μF/10V

Symbol No.	Part No.	Description
Lamps		
PL8201	68T80326F02	Pilot, 5V/150mA
PL8202	68T80326F02	Pilot, 5V/150mA
PL8203	68T80326F02	Pilot, 5V/150mA
Switch		
S6207	40T95028F01	Push, SPEC31 (DIGITAL 1, 2/ DAT MONITOR)
DAC P. C. Board		
IC's		
IC8601	51T84774F01	TORX172
IC8602	51T80475F01	TC74HCU04P
IC8603	51T83506F01	TC74HC00P
★ or	51T67211F01	HD74C00
IC8604	51T83506F01	TC74HC00P
★ or	51T67211F01	HD74C00
IC8605	51T72306F01	UPD4052BC
IC8606	51T83506F01	TC74HC00P
★ or	51T67211F01	HD74C00
IC8607	51T91084F02	YM3623B
IC8608	51T95091F01	CXD1162P
IC8609	51T95181F01	LC7881 (DAC)
IC8610	51T61180F02	NJM78L05A
IC8611	51T80136F01	M5238P-DUAL
IC8612	51T80136F01	M5238P-DUAL
Transistors		
Q8601	48T43015U01	2SC2120
Q8602	48T43015U01	2SC2120
Q8603	48T43015U01	2SC2120
Q8604	48T51118F02	2SA1015
● Q8605	48T82763F02	DTC114EL
▲ Q8605	48T82763F02	DTC114EL
■ Q8605	48T82763F02	DTC114EL
★ Q8605	48T62963F02	DTC114
● Q8606	48T82762F02	DTA114EL
▲ Q8606	48T82762F02	DTA114EL
■ Q8606	48T82762F02	DTA114EL
★ Q8606	48T62962F02	DTA114
Q8607	48T57305F04	2SD1302
Q8608	48T57305F04	2SD1302
Q8609	48T57305F04	2SD1302
Q8610	48T57305F04	2SD1302
Q8611	48T81103F01	2SC1740

Notes : ● : For West German model only (AD), ▲ : For North American model only (UZ),
■ : For Japanese model only (JA), ★ : For Canadian model only (UQ), Others : Common.

Symbol No.	Part No.	Description
Diodes		
D8601	48T44813F01	MA165TA
D8602	48T44813F01	MA165TA
D8603	48T44813F01	MA165TA
Coil/Transformer/Crystal/Jack		
L8601	24T50508F34	Coil, Inductor 100 μ H
T8601	25T94882F01	TRANS PULS
X8601	48T84727F01	Crystal, AT-51 16.9344M
J8601	09T95188F01	Plate, Phono T6182
Capacitors		
C8601	23T00138L10	ELY., 33 μ F/10V
C8602	23T00138L10	ELY., 33 μ F/10V
C8603	23T00138L10	ELY., 33 μ F/10V
C8604	23T00138L10	ELY., 33 μ F/10V
C8605	23T00138L12	ELY., 100 μ F/10V
C8606	23T00138L12	ELY., 100 μ F/10V
C8607	23T00138L12	ELY., 100 μ F/10V
C8608	23T00138L12	ELY., 100 μ F/10V
C8609	23T00138L12	ELY., 100 μ F/10V
C8610	23T00138L12	ELY., 100 μ F/10V
C8611	08T57705F13	MYL., 4700pF
C8612	08S65480F13	CER., 10pF
C8613	08S65480F13	CER., 10pF
C8614	23T00138L03	ELY., 100 μ F/6.3V
C8615	23T00138L03	ELY., 100 μ F/6.3V
C8616	23T00138L03	ELY., 100 μ F/6.3V
C8617	23T00138L10	ELY., 33 μ F/10V
C8618	08T57298F01	CER., 0.1 μ F
C8619	23T00138L17	ELY., 100 μ F/16V
C8620	23T00138L12	ELY., 100 μ F/10V
C8621	23T00138L19	ELY., 33 μ F/16V
C8622	23T00138L19	ELY., 33 μ F/16V
C8623	23T00138L19	ELY., 33 μ F/16V
C8624	23T00136L63	ELY., 4.7 μ F/50V
C8625	23T90772F41	ELY., 100 μ F/25V
C8626	23T90772F41	ELY., 100 μ F/25V
C8627	23T00138L19	ELY., 33 μ F/16V
C8628	23T00138L19	ELY., 33 μ F/16V
C8629	23T00138L19	ELY., 33 μ F/16V
C8630	23T00138L19	ELY., 33 μ F/16V
C8631	08T57705F30	MYL., 0.12 μ F
C8632	08T57705F30	MYL., 0.12 μ F
C8633	23T90772F42	ELY., 220 μ F/25V
C8634	23T90772F42	ELY., 220 μ F/25V
C8635	23T90772F70	ELY., 2.2 μ F/50V
C8636	23T90772F70	ELY., 2.2 μ F/50V

Symbol No.	Part No.	Description
Filters		
LP8601	24T95189F01	LPF, 70910910-22K
LP8602	24T95189F01	LPF, 70910910-22K
Power LED P. C. Board		
LED		
● LD8701	48T66816F02	SLR-54VR3 (RED)
▲ LD8701	48T66816F02	SLR-54VR3 (RED)
■ LD8701	48T66816F02	SLR-54VR3 (RED)
★ LD8701	48T10857W01	GL5PR8 (RED)
Video P. C. Board		
IC's/Transistors		
IC9801	51T95186F01	IC, Video HA11513
IC9802	51T80340F01	IC, NJM7812 MOLD
▲ Q9801	48T81103F01	2SC1740
▲ Q9802	48T81103F01	2SC1740
▲ Q9804	48T81104F01	2SA933A
▲ Q9805	48T81103F01	2SC1740
Diodes/Coil/Jack		
D9801	48T44813F01	MA165TA
▲ D9801	48T44813F02	MA165TA
L9801	24T50508F34	Coil, Inductor 100 μ H
J9801	09T72603F04	Plate, Phono (4P)
Capacitors		
C9801	23T00149L37	ELY., 220 μ F/25V
C9802	23T00149L26	ELY., 220 μ F/16V
C9803	08T52714F13	CER., 0.01 μ F
C9805	08T52714F13	CER., 0.01 μ F
C9806	23T00149L28	ELY., 470 μ F/16V
C9807	23T00149L28	ELY., 470 μ F/16V
C9808	23T00149L13	ELY., 100 μ F/10V
C9809	23T00149L16	ELY., 470 μ F/10V
C9811	23T00149L16	ELY., 470 μ F/10V
C9812	23T00149L26	ELY., 220 μ F/16V
C9813	23T00149L53	ELY., 2.2 μ F/50V
C9814	23T00149L13	ELY., 100 μ F/10V
C9815	23T00149L53	ELY., 2.2 μ F/50V
C9816	23T00149L13	ELY., 100 μ F/10V
C9818	08T52714F13	CER., 0.01 μ F
C9819	08T52714F13	CER., 0.01 μ F

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Symbol No.	Part No.	Description
Miscellaneous		
J9901	09T80329F01	Plate, Phono
J9902	09T80329F02	Plate, Phono
J9903	09T80329F01	Plate, Phono
● F1101	65T42077U16	Fuse, Semko (1A)
▲ F1101	65T66926F13	Fuse, 51NM (1A-250V)
● F1102	65T42077U16	Fuse, Semko (1A)
▲ F1102	65T66926F13	Fuse, 51NM (1A-250V)
● F1301	65T42077U21	Fuse, Semko (3.15A)
▲ F1301	65T66926F19	Fuse, 51NM (5A-125V)
■ F1301	65T66926F19	Fuse, 51NM (5A-125V)
■ J1001	09T68841F02	Outlet, AC
▲ J1001	09T68841F03	Outlet, AC
● J1002	09T51831F01	Socket, Switch
LD8701	48T66816F02	LED SLR 54VR3 (Red)
● P1001	28T43812P04	Plug, Cord
▲ P1001	28T55335F02	Plug, AC Cord
■ P1001	28T67434F01	Plug, AC Cord
● P1002	09T51830F01	Plug, Switch
Q7113	48T92782F01	2SC3964
Q7114	48T92782F01	2SC3964
Q7115	48T95041F01	2SA1673
Q7116	48T95041F01	2SA1673
Q7117	48T95042F01	2SC4388
Q7118	48T95042F01	2SC4388
Q8101	48T64375F01	2SA1360
● T1001	25T95187F01	TRANS, Power
■ T1001	25T95187F02	TRANS, Power
▲ T1001	25T95187F03	TRANS, Power

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■ : For Japanese model only (JA), ★ : For Canadian model only (UQ), Others : Common.

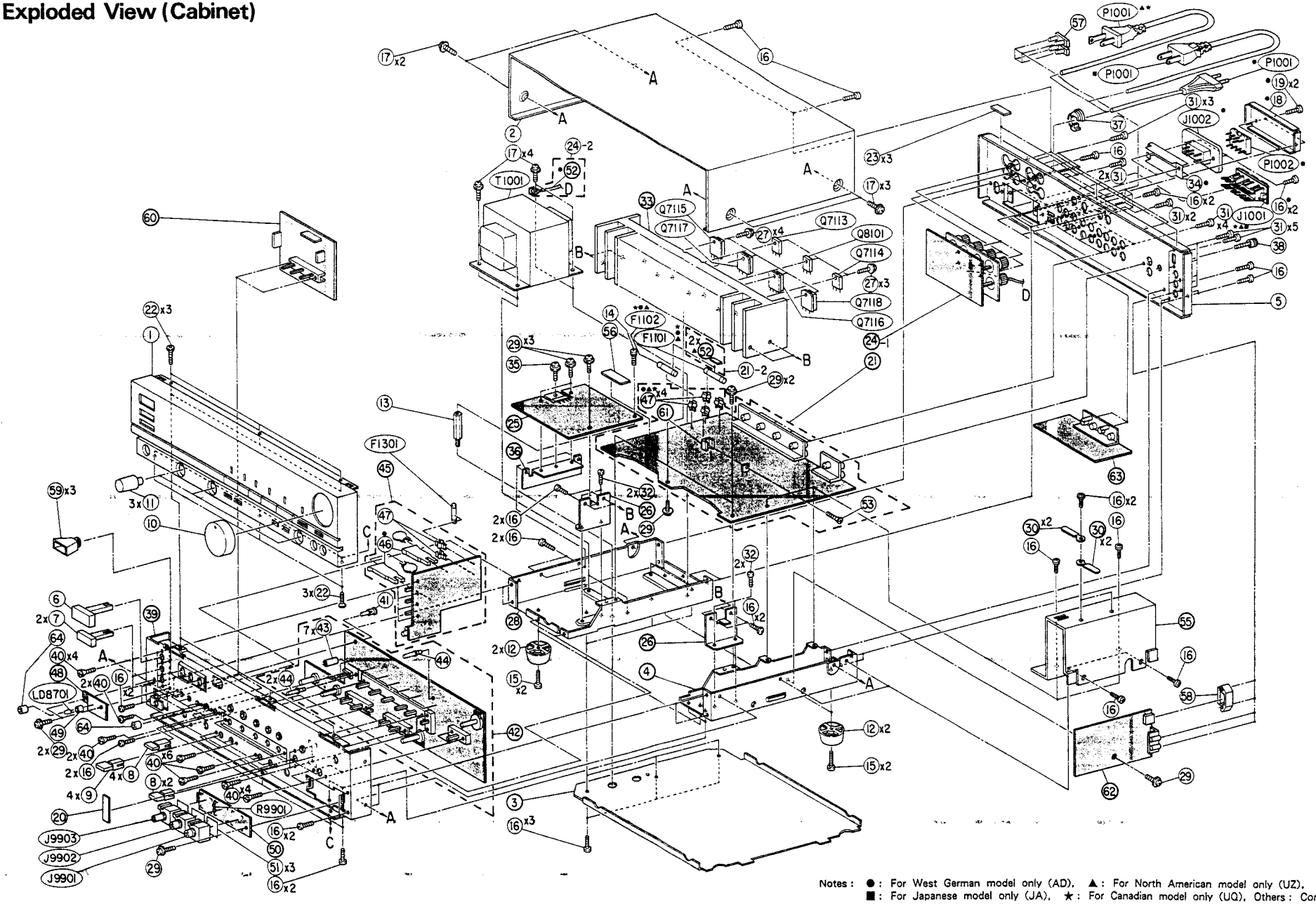
Cabinet Assembly Parts List

NOTE : The parts without part numbers are not supplied.

Symbol No.		Index	Part No.	Description
●	1	2-B	01V94700F49	Assy., Front Panel
▲	1	2-B	01V94700F49	Assy., Front Panel
■	1	2-B	01V94900F53	Assy., Front Panel
	2	1-D	15D72658F01	Cover, Top
●	5	2-H	15D94698F03	Cover, Rear
■	5	2-H	15D94698F04	Cover, Rear
▲	5	2-H	15D94698F05	Cover, Rear
★	5	2-H	15D94698F06	Cover, Rear
	6	4-A	36B70885F07	Knob, Power
	7	4-A	36B83814F01	Knob, Speaker
	8		36A72661F01	Knob, Push Tone
	9	5-A	36A67333F01	Knob, Push (3 × 10)
	10	4-B	36B67336F02	Knob, Main Volume (B)
	11	4-A	36A74341F02	Knob, Tone Volume (B)
	12		75A96563F01	Pad, Tranleg
	13	3-C	47C64899F60	Shaft
	14	2-D	03C40121T17	Screw, W/Washer (M3 × 8)
	15		03S44205G52	Screw, Pan (M4 × 14)
	16		03S71031F04	Screw, Bind (M3 × 8)
	17		03S40036U01	Screw, W/Washer (M4 × 8)
●	18	1-H	15A82362F01	Cover, V-Sele
●	19	1-H	03S71677F18	Screw, Bind (M3 × 12)
	20	5-A	75A57803F04	Cushion
	22		03S71031F09	Screw, Countersunk (M3 × 8)
	23	1-F	14S53018F42	Insulator
	27		03C40121T18	Bolt Hex W/Double Washer (M3 × 10)
	29		03S40018G08	Screw, Tapping (M3 × 8)
	31		03A82468F01	Screw, Tapping (M3 × 10)
	32		03S71031F03	Screw, Bind (M3 × 6)
●	34	2-H	14A82952F01	Insulator, V-Sele
	35	3-D	03S40018G12	Screw, Tapping (M3 × 10)
	37	1-G	43B41625J02	Support, Cord
	38	2-H	29T66964F01	Terminal, GND
	40		03S43997P42	Screw, Countersunk
	41	4-C	05B41835J02	Rivet, Push
	43	4-C	43A41837U04	Spacer, LED
	44		09T84840F02	Lug, Style (32mm)
●	46	4-C	43T53136F01	Bush, Cap
	47		09T51410F01	Holder, Fuse (SEMKO)
	49	5-A	43A41837U02	Spacer, LED
	51	5-B	14A86023F01	Insulator, Jack
	53	4-F	03S43997P76	Screw, Countersunk (M3 × 6)
	54		03S40012G93	Screw, Tapping (M3 × 8)
	56	3-D	14S94461F27	Insulator, Cover
	57	1-G	09T95168F01	Plug, Jumper
	58	5-H	07A84472F01	Frame, Opt Jack
	59	3-A	43A83239F02	Holder, Lamp
	64	5-A	43A61758F04	Spacer, Lamp

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Exploded View (Cabinet)



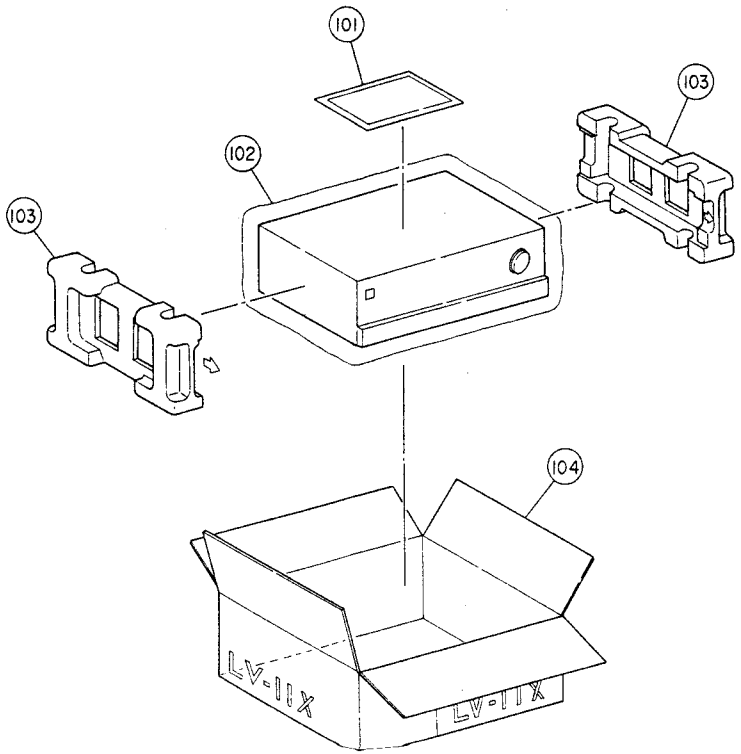
Notes : ● : For West German model only (AD), ▲ : For North American model only (UZ),
■ : For Japanese model only (JA), ★ : For Canadian model only (UQ), Others : Common.

Packing Assembly Parts List

Symbol No.	Part No.	Description
■ 101	68P81707F60	Owner's Manual
● 101	68P81707F61	Owner's Manual
▲ 101	68P81707P84	Owner's Manual
★ 101	68P81707F61	Owner's Manual
102	56B40442T08	Packing, Front Frame
103	56D94704F01	Tray, Packing
● 104	56S83833F45	Carton, Packing
■ 104	56S83833F46	Carton, Packing

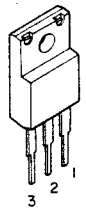
Notes : ● : For West German model only (AD), ▲ : For North American model only (UZ),
■ : For Japanese model only (JA), ★ : For Canadian model only (UQ), Others : Common.

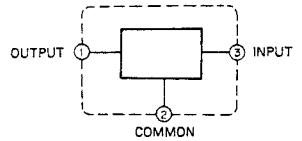
Packing Method View



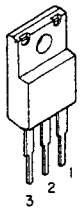
Semi-Conductor Lead Identifications

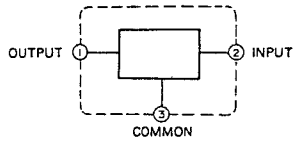
NJM7815FA : IC1101
NJM7805 : IC1103



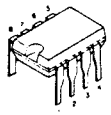


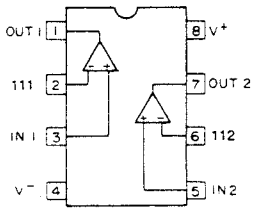
NJM7915FA : IC1102
NJM7905 : IC1104



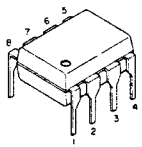


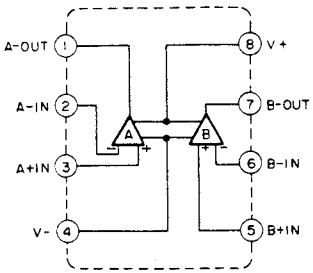
M5220P : IC2101
M5238P : IC8611, 8612



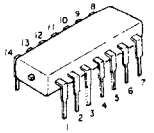


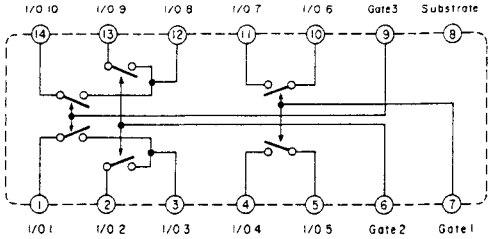
NJM4558D : IC4201, 4204



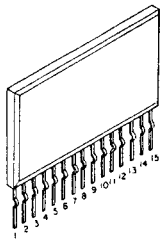


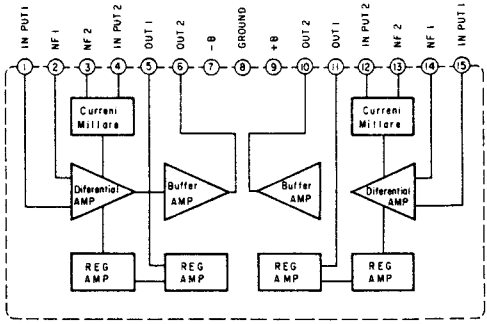
CX770 : IC6101, 6102, 6103, 6104



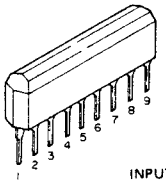


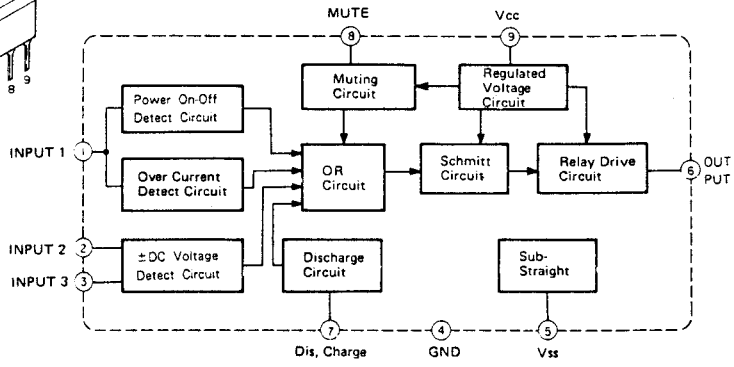
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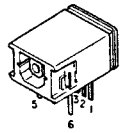


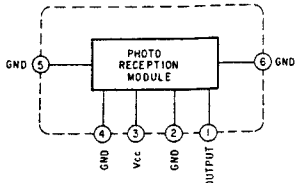
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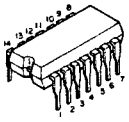


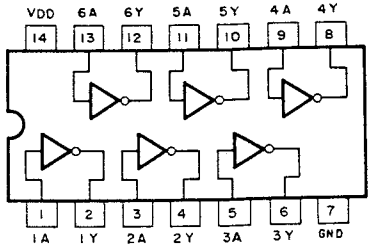
TORX172 : IC8601



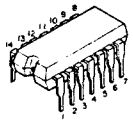


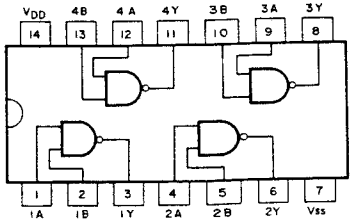
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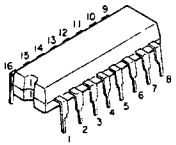


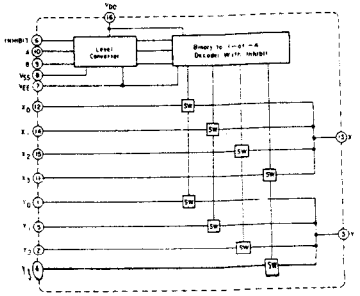
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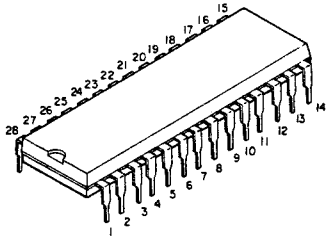


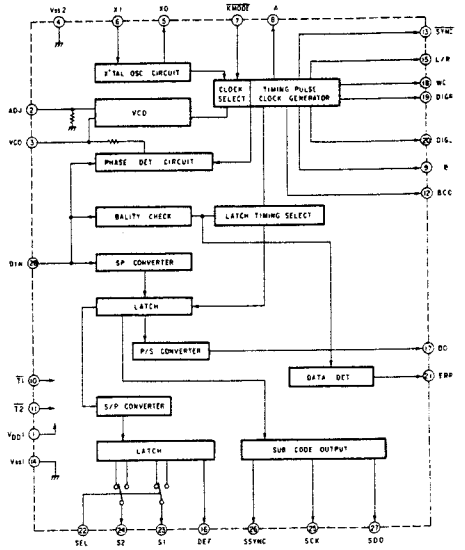
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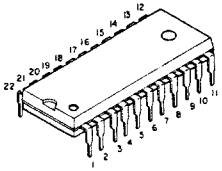


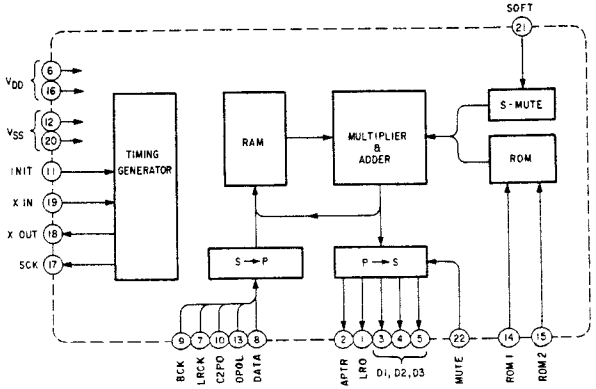
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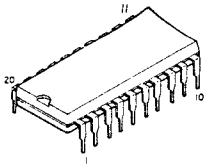


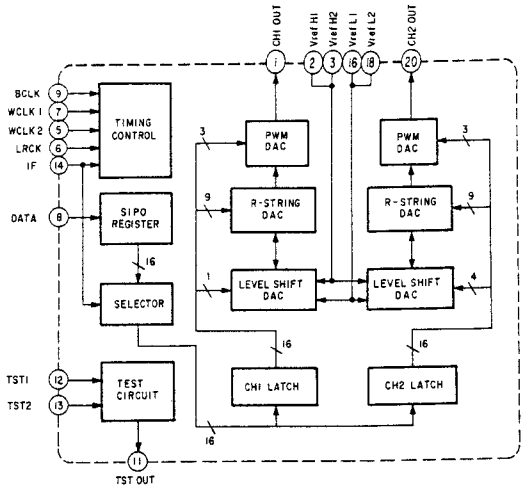
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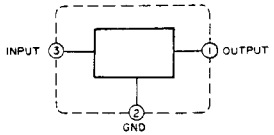
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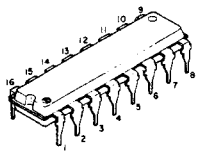


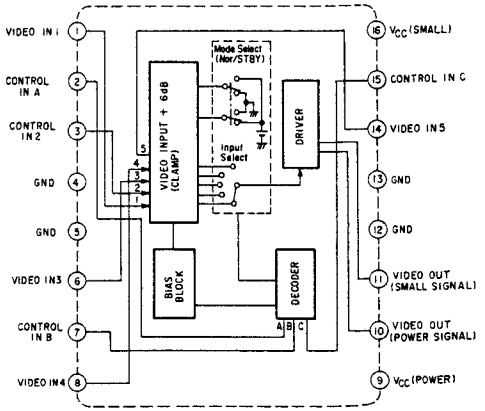
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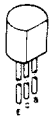


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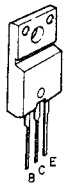




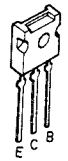
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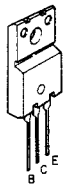
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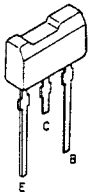
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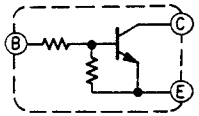


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DTC114EL : Q8605





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