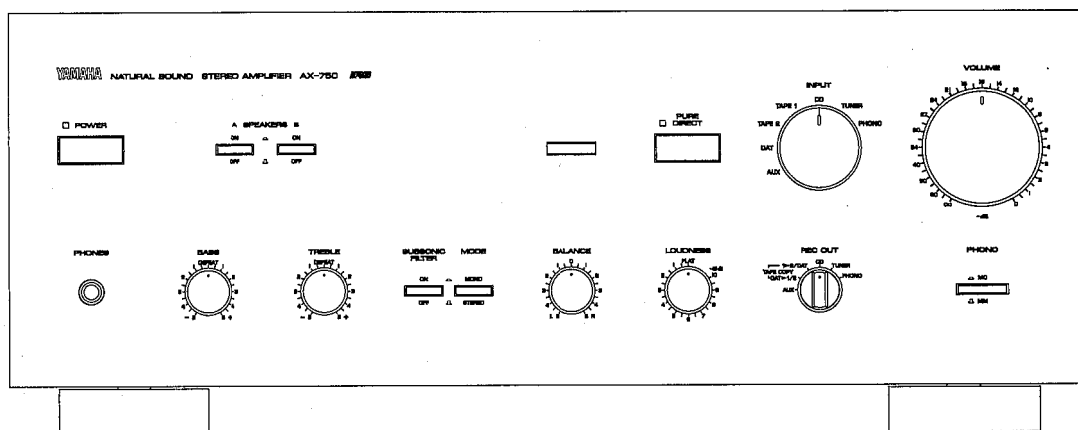
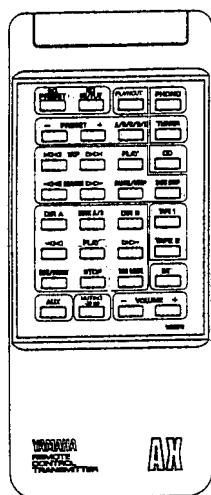


# STEREO INTEGRATED AMPLIFIER

# AX-750

## SERVICE MANUAL

### FRONT PANEL



### IMPORTANT NOTICE

This manual has been provided for the use of authorized YAMAHA Retailers and their service personnel. It has been assumed that basic service procedures inherent to the industry, and more specifically YAMAHA Products, are already known and understood by the users, and have therefore not been restated.

**WARNING:** Failure to follow appropriate service and safety procedures when servicing this product may result in personal injury, destruction of expensive components, and failure of the product to perform as specified. For these reasons, we advise all YAMAHA product owners that any service required should be performed by an authorized YAMAHA Retailer or the appointed service representative.

**IMPORTANT:** The presentation or sale of this manual to any individual or firm does not constitute authorization, certification or recognition of any applicable technical capabilities, or establish a principle-agent relationship of any form.

The data provided is believed to be accurate and applicable to the unit(s) indicated on the cover. The research, engineering, and service departments of YAMAHA are continually striving to improve YAMAHA products. Modifications are, therefore, inevitable and specifications are subject to change without notice or obligation to retrofit. Should any discrepancy appear to exist, please contact the distributor's Service Division.

**WARNING:** Static discharges can destroy expensive components. Discharge any static electricity your body may have accumulated by grounding yourself to the ground buss in the unit (heavy gauge black wires connect to this buss).

**IMPORTANT:** Turn the unit OFF during disassembly and part replacement. Recheck all work before you apply power to the unit.


### CONTENTS

TO SERVICE PERSONNEL .....	1
REAR PANELS .....	1~2
SPECIFICATIONS .....	3
DIMENSIONS .....	3
INTERNAL VIEW .....	4
DISASSEMBLY PROCEDURES .....	4

ADJUSTMENTS .....	5
BLOCK DIAGRAM .....	6
WIRING .....	7
PRINTED CIRCUIT BOARD .....	8~13
SCHEMATIC DIAGRAM .....	14,15
PARTS LIST .....	16~24
REMOTE CONTROL TRANSMITTER .....	25

## ■ TO SERVICE PERSONNEL

### 1. Critical Components Information.

Components having special characteristics are marked  and must be replaced with parts having specifications equal to those originally installed.

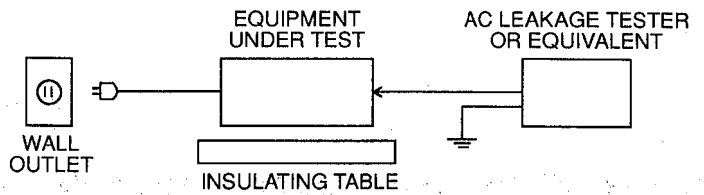
### 2. Leakage Current Measurement (For 120 V Model Only).

When service has been completed, it is imperative that you verify that all exposed conductive surfaces are properly insulated from supply circuits.

- Meter impedance should be equivalent to 1500 ohm shunted by 0.15  $\mu$ F.
- Leakage current must not exceed 0.5 mA.
- Be sure to test for leakage with the AC plug in both polarities.

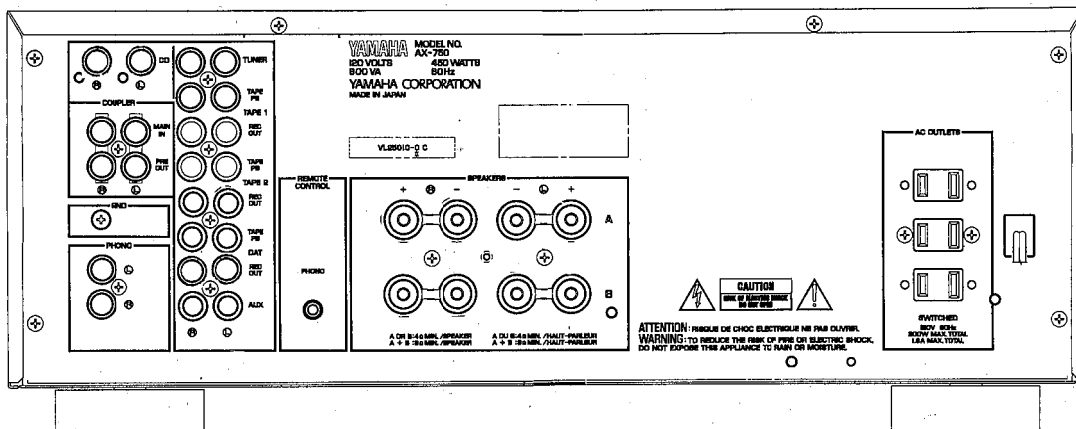
### • POLARIZATION

This product is equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. (U.C model only)

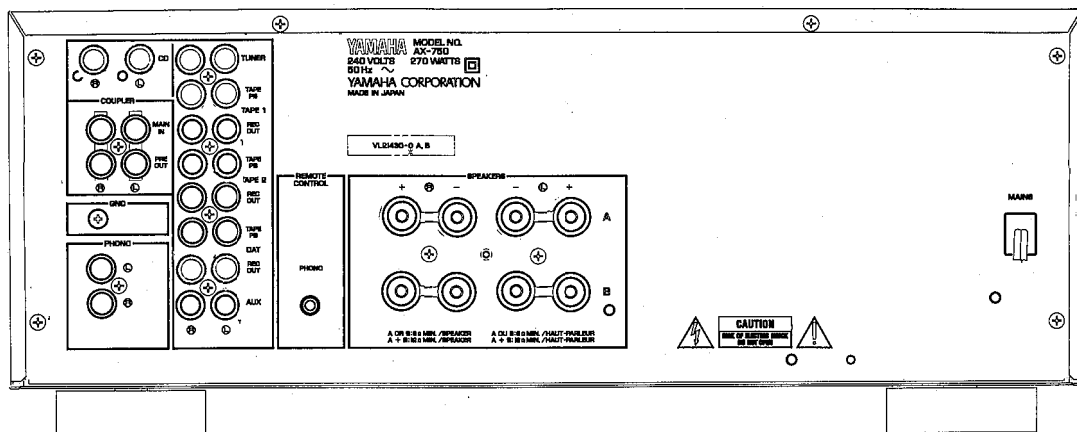


## ■ REAR PANELS

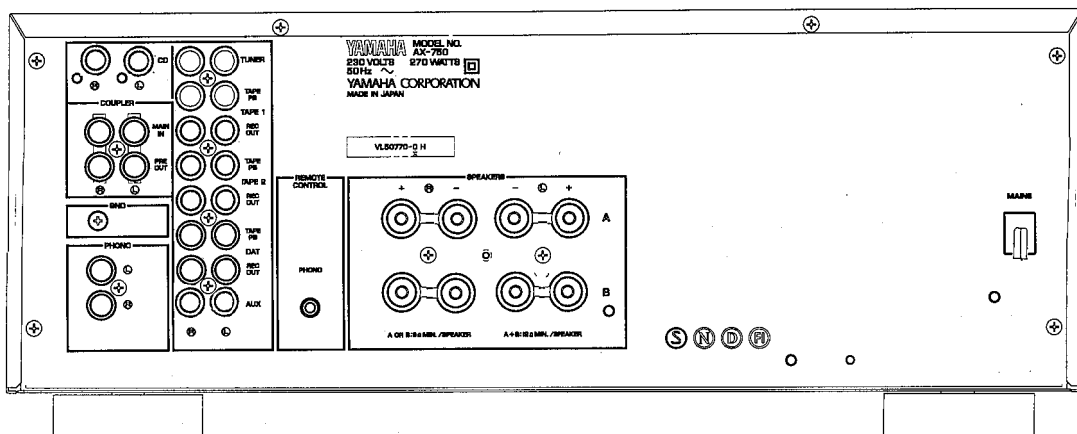
### ● Canadian model



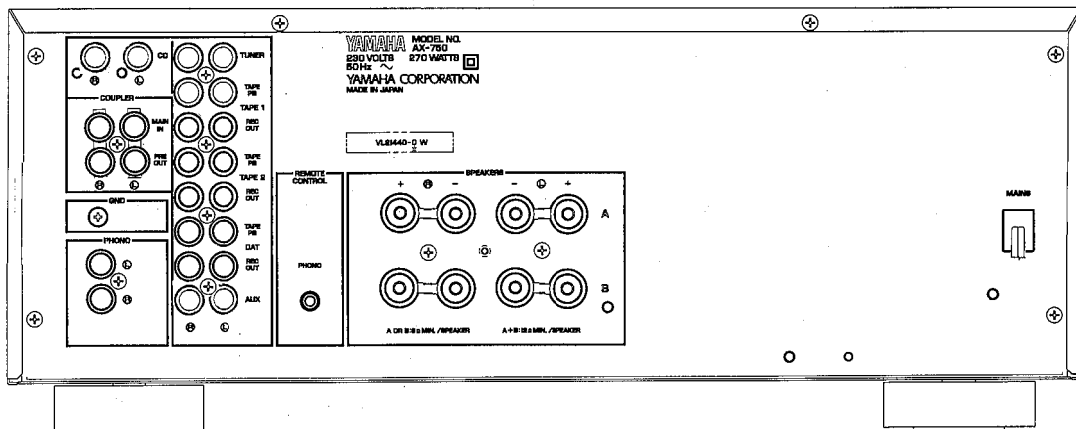
● Australian and British models



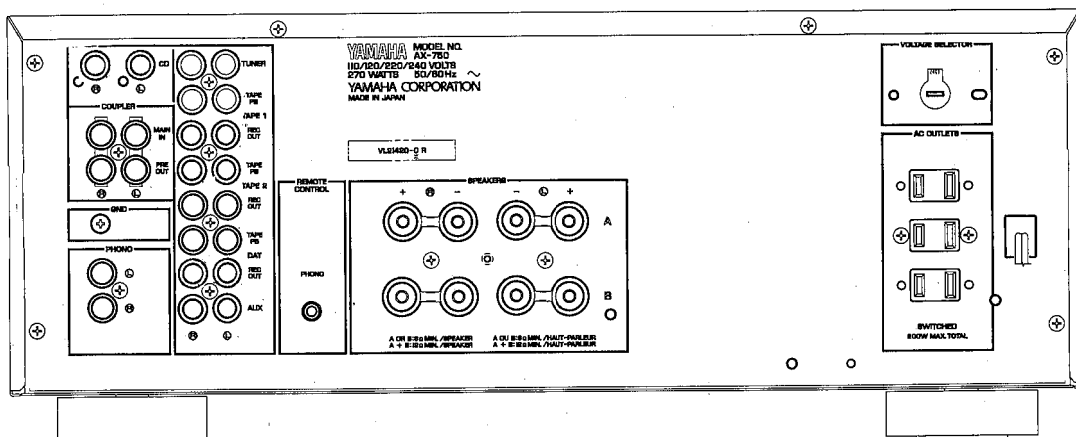
● North European model



● Germany model



● General model



## SPECIFICATIONS

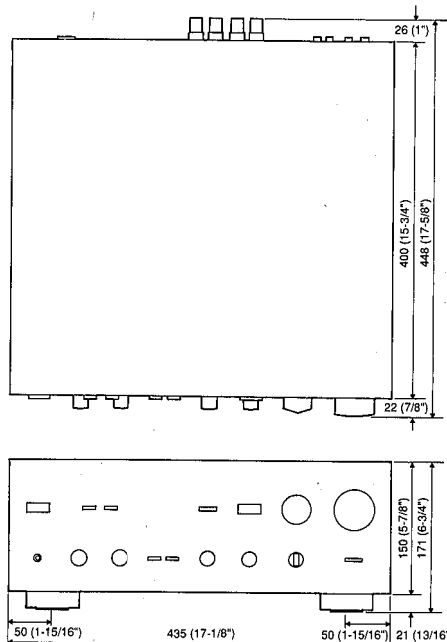
Minimum RMS Output Power Per Channel  
 20 Hz - 20 kHz 0.015% THD 8Ω ..... 110W  
 20 Hz - 20 kHz 0.03% THD 6Ω ..... 160W  
 Dynamic Power Per Channel  
 (by IHF Dynamic Headroom Measuring Method)  
 8Ω/6Ω/4Ω/2Ω ..... 150W/200W/230W/260W  
 DIN Standard Output Power Per Channel  
 (European model)  
 1 kHz 0.1% THD 4Ω ..... 185W  
 Dynamic Headroom (General model)  
 8Ω ..... 1.35 dB  
 6Ω ..... 1.97 dB  
 IEC Power (European model)  
 1 kHz 0.01% THD 8Ω ..... 125W  
 Power Bandwidth  
 0.03% THD 55W 8Ω ..... 10 Hz - 50 kHz  
 Damping Factor  
 1 kHz 8Ω ..... 250 or more  
 Input Sensitivity/Impedance  
 Phono MC ..... 160 μV 220Ω  
 MM ..... 2.5 mV/47 kΩ  
 CD/TUNER/AUX/TAPE/DAT .. 150 mV/47 kΩ  
 MAIN IN ..... 1V/47 kΩ  
 Maximum Input level (1 kHz 0.01% THD)  
 Phono MC ..... 13.5 mV  
 MM ..... 170 mV  
 Output Level/Impedance  
 REC OUT ..... 150 mV 470Ω  
 PRE OUT ..... 1V/1.5kΩ  
 Maximum Voltage Output  
 20 Hz - 20 kHz 0.01% THD ..... 1.4V  
 Headphone Jack Rated Output/Impedance  
 0.015% THD RL=8Ω ..... 1.05V/220Ω  
 Frequency Response 20Hz - 20kHz  
 CD/TUNER/AUX/TAPE/DAT ..... 0±0.5 dB  
 MAIN IN ..... 0±0.5 dB  
 RIAA Equalization Deviation 20 Hz - 20 kHz,  
 Phono MC ..... ±0.5 dB  
 MM ..... ±0.3 dB  
 Total Harmonic Distortion 20 Hz - 20 kHz  
 Phono MC to REC OUT, 3V ..... 0.007%  
 MM to REC OUT, 3V ..... 0.003%  
 CD/TUNER/AUX/TAPE/DAT to Pre Out, 1V  
 ..... 0.005%  
 CD/TUNER/AUX/TAPE/DAT to Sp Out,  
 55W/8Ω ..... 0.008%  
 MAIN IN to Sp Out, 55W/8Ω ..... 0.006%  
 Intermodulation Distortion  
 CD/TUNER/AUX/TAPE/DAT  
 Rated Output/8Ω ..... 0.005%  
 Signal-to-Noise Ratio (IHF-A Network)  
 (Pure Direct Switch: ON)  
 Phono MC (500 μV Input Shorted) ..... 75 dB  
 MM (5 mV Input Shorted) ..... 92 dB  
 CD/AUX/DAT (Shorted) ..... 110 dB  
 TUNER/TAPE (Shorted) ..... 106 dB  
 Residual Noise (IHF-A Network)  
 (Pure Direct Switch: ON) ..... 35 μV  
 Channel Separation Vol - 30 dB  
 Phono MC, MM Input shorted  
 1 kHz/10 kHz ..... 70 dB/55 dB  
 CD/TUNER/AUX/TAPE/DAT Input 5.1 kΩ  
 Terminated 1 kHz/10 kHz ..... 65 dB/50 dB  
 Tone Control Characteristics  
 Bass  
 Boost / Cut ..... ±10 dB (20 Hz)  
 Turnover frequency ..... 350 Hz

Treble  
 Boost / Cut ..... ±10 dB (20 kHz)  
 Turnover frequency ..... 3.5 kHz  
 Filter Characteristics (Subsonic)  
 ..... 15 Hz, -18 dB/oct  
 Continuous Loudness Control  
 (Level Related Equalization)  
 Attenuation ..... -40dB (1 kHz)  
 Audio Muting ..... -20 dB  
 Gain Tracking Error (0 - -60 dB) ..... 2 dB  
 Power Supply  
 U.S.A. and Canadian models  
 ..... AC 120V/60 Hz  
 British and Australian models  
 ..... AC 240V/50 Hz  
 European model ..... AC 230V/50 Hz  
 General model  
 ..... AC 110/120/220/240V, 60/50 Hz  
 Power Consumption  
 Canada model ..... 450W  
 British, Australian, European and General  
 models ..... 370W  
 AC Outlets  
 AC Outlets Switched (3) (Canada and  
 General models) ..... 200W max.  
 Dimensions (W x H x D) 435 x 171 x 448 mm  
 (17-1/8" x 6-3/4" x 17-5/8")  
 Weight ..... 13.7 kg  
 (30 lbs. 2 oz.)  
 Accessories ..... Remote-control transmitter  
 Batteries

\* Specifications are subject to change without notice.

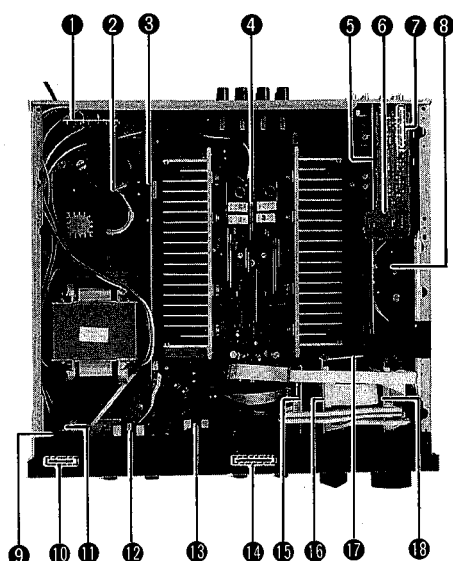
C ..... Canadian model  
 A ..... Australian model  
 H ..... North European model  
 B ..... British model  
 R ..... General model  
 W ..... Germany model

## DIMENSIONS



Unit : mm (inch)

## INTERNAL VIEW



- ① Main circuit board (6) : General model only
- ② Main circuit board (2)
- ③ Main circuit board (3)
- ④ Main circuit board (1)
- ⑤ Function circuit board (1)
- ⑥ Function circuit board (2)
- ⑦ Function circuit board (4)
- ⑧ Function circuit board (3)
- ⑨ Main circuit board (8)
- ⑩ Main circuit board (7)
- ⑪ Function circuit board (6)
- ⑫ Main circuit board (9)
- ⑬ Tone control circuit board (1)
- ⑭ Function circuit board (5)
- ⑮ Main circuit board (4)
- ⑯ Tone control circuit board (2)
- ⑰ Tone control circuit board (3)
- ⑱ Tone control circuit board (4)

## DISASSEMBLY PROCEDURES

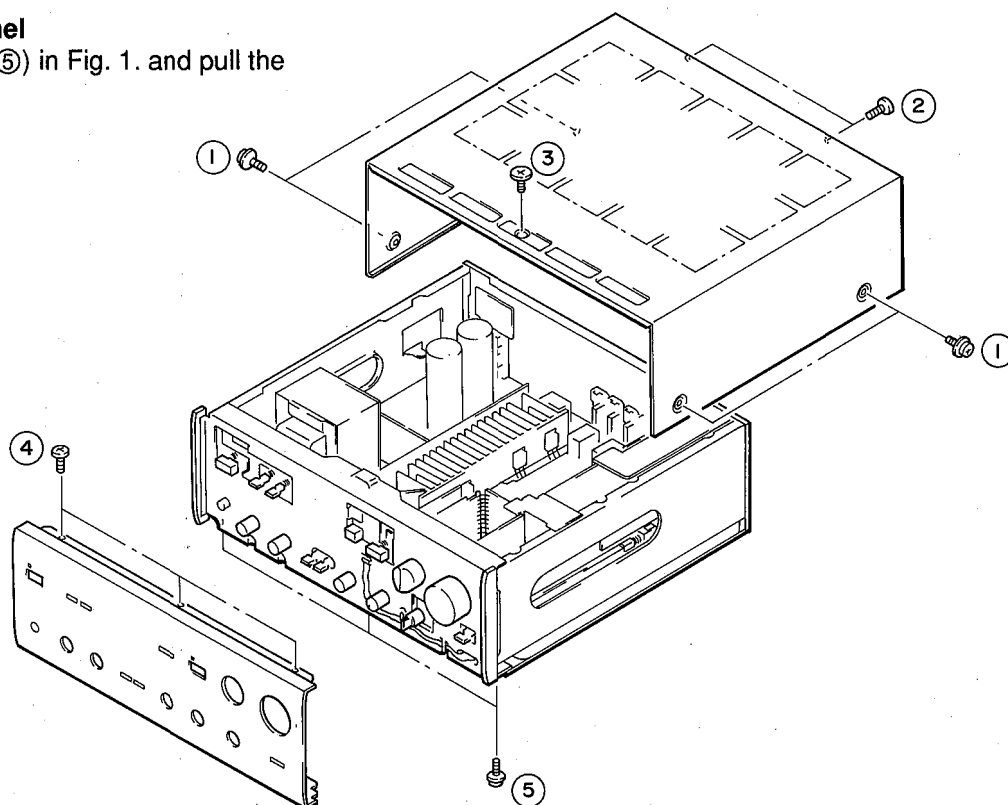
(Remove parts in disassembly order as numbered)

### 1. Removal of Top Cover

Remove 7 screws (①, ②, ③) in Fig. 1, and slide the Top Cover back.

### 2. Removal of Front Panel

Remove 6 screws (④, ⑤) in Fig. 1. and pull the Front Panel forward.



## ■ ADJUSTMENTS

### 1. Before Adjustment

- Make sure that AC line voltage is within:

Model	AC line voltage
C	120 V $\pm$ 10%
W, H	230 V $\pm$ 10%
A, B	240 V $\pm$ 10%

### 2. Instruments required

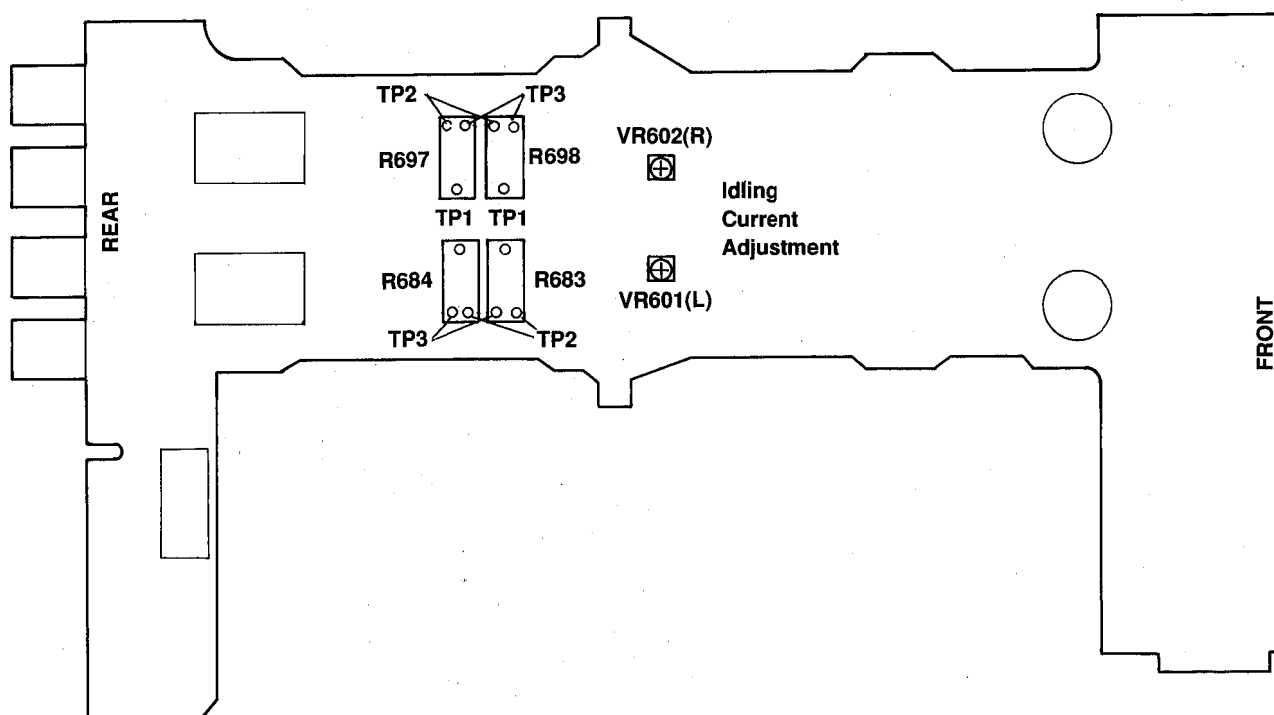
- DCVM

### ● IDLING CURRENT ADJUSTMENT

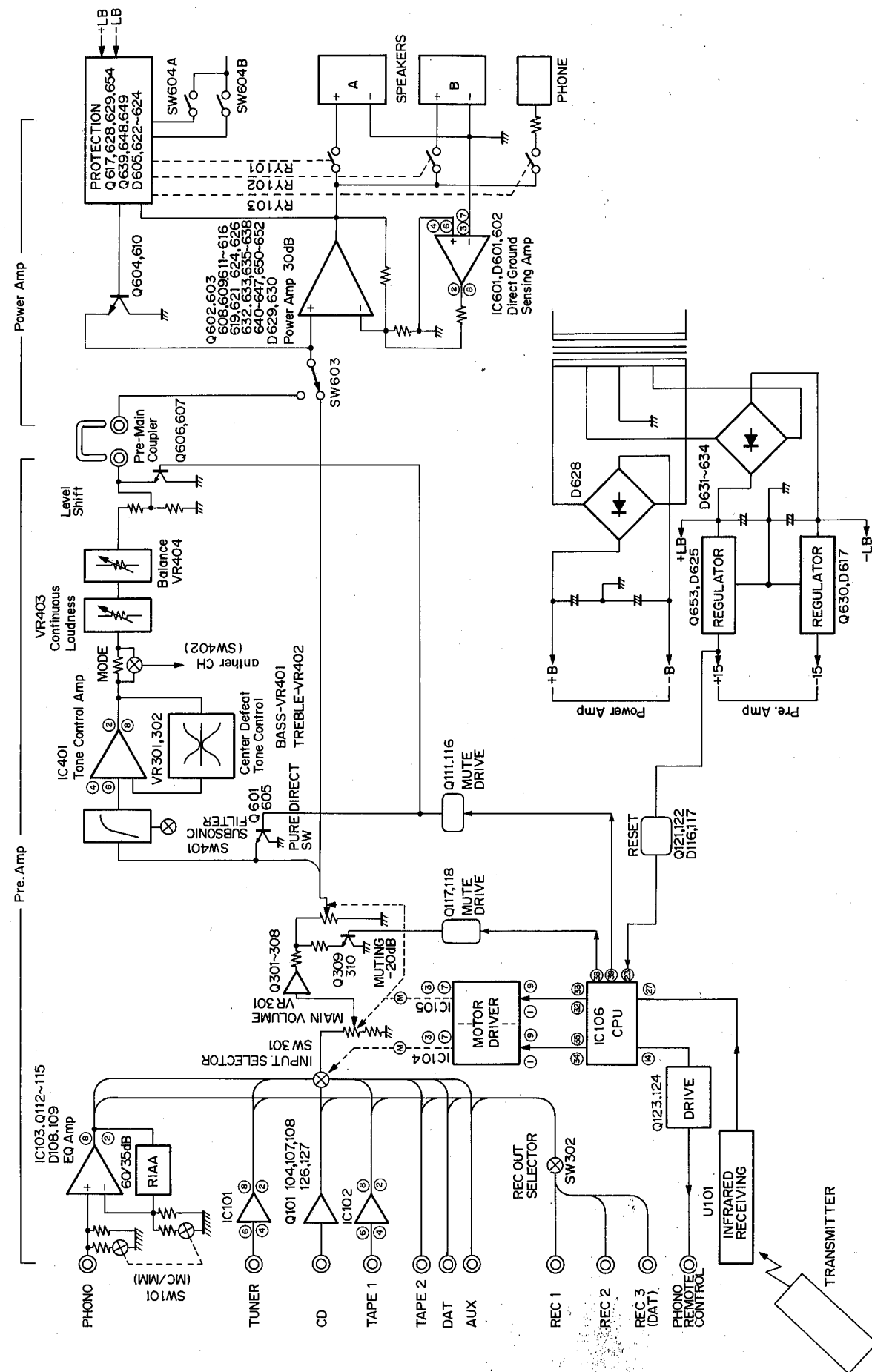
- When replacing the power and drive transistors, adjust idling current.
- After the power has been turned on, age about 10 minutes in non loaded condition.
- Adjust VR601 (Lch) and VR602 (Rch) so that the voltage across the terminals of R135 and R136 comes to 10mV $\pm$ 4mV DC.

	Test Points	Adjustment Points	Rating
Lch	Across the terminals of R683 or R684 (TP1 $\leftrightarrow$ TP2 or TP1 $\leftrightarrow$ TP3)	VR601	10 mV $\pm$ 4 mV DC
Rch	Across the terminals of R697 or R698 (TP1 $\leftrightarrow$ TP2 or TP1 $\leftrightarrow$ TP3)	VR602	10 mV $\pm$ 4 mV DC

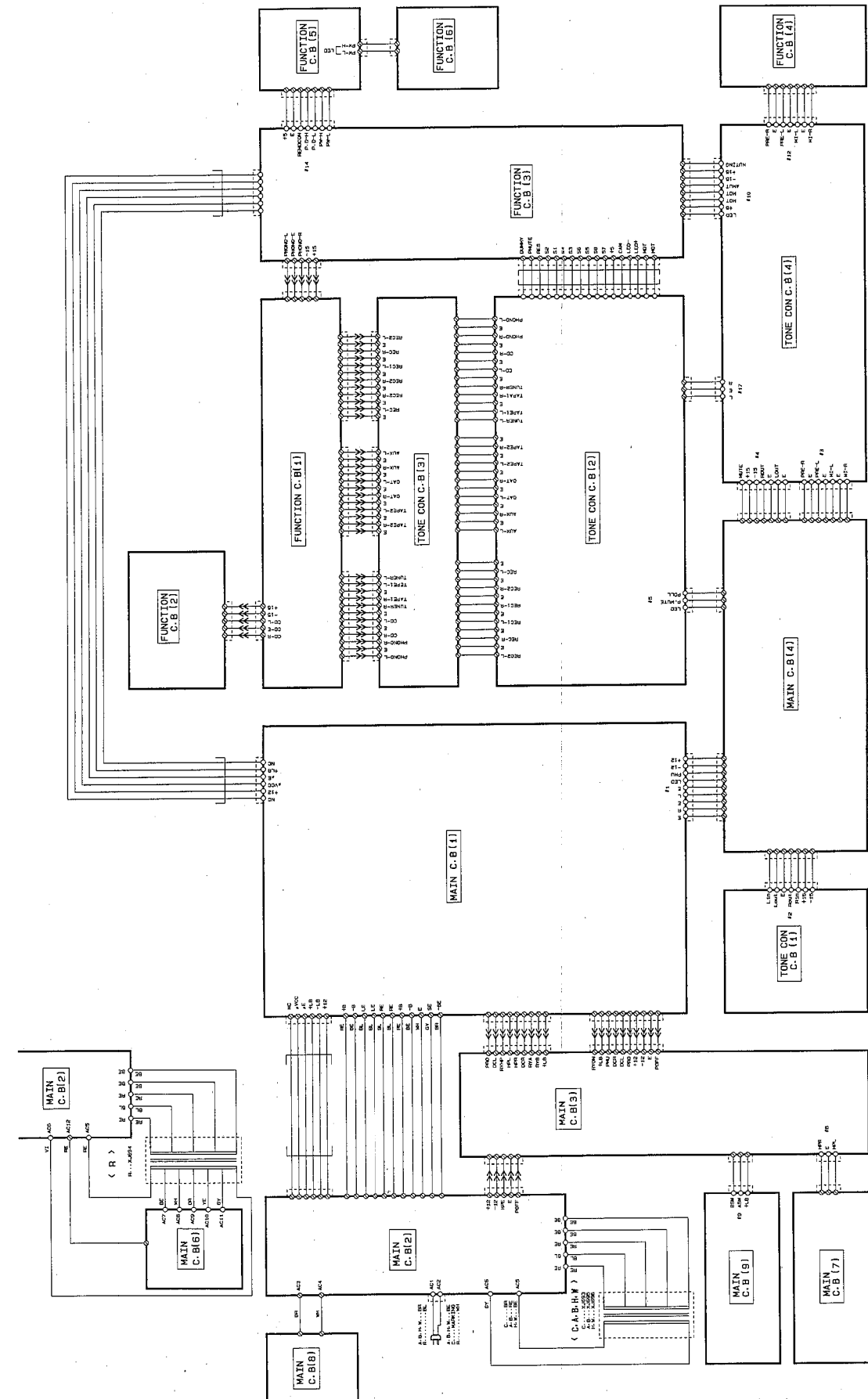
### ● TEST POINT



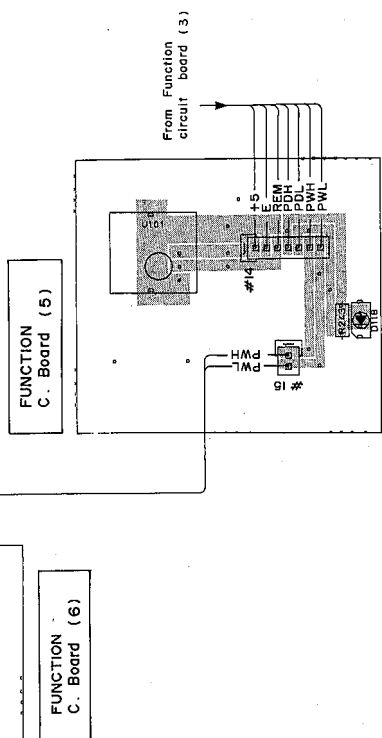
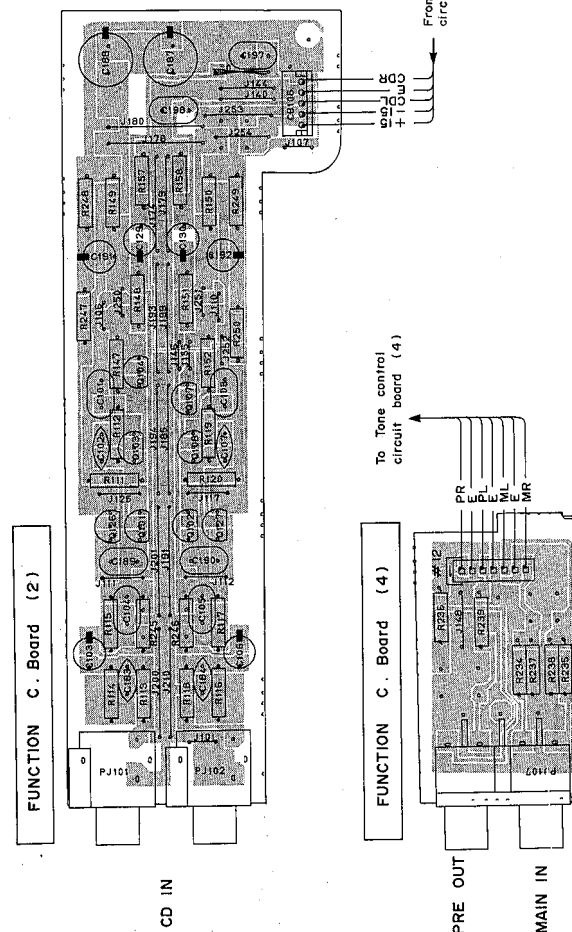
## BLOCK DIAGRAM



## WIRING



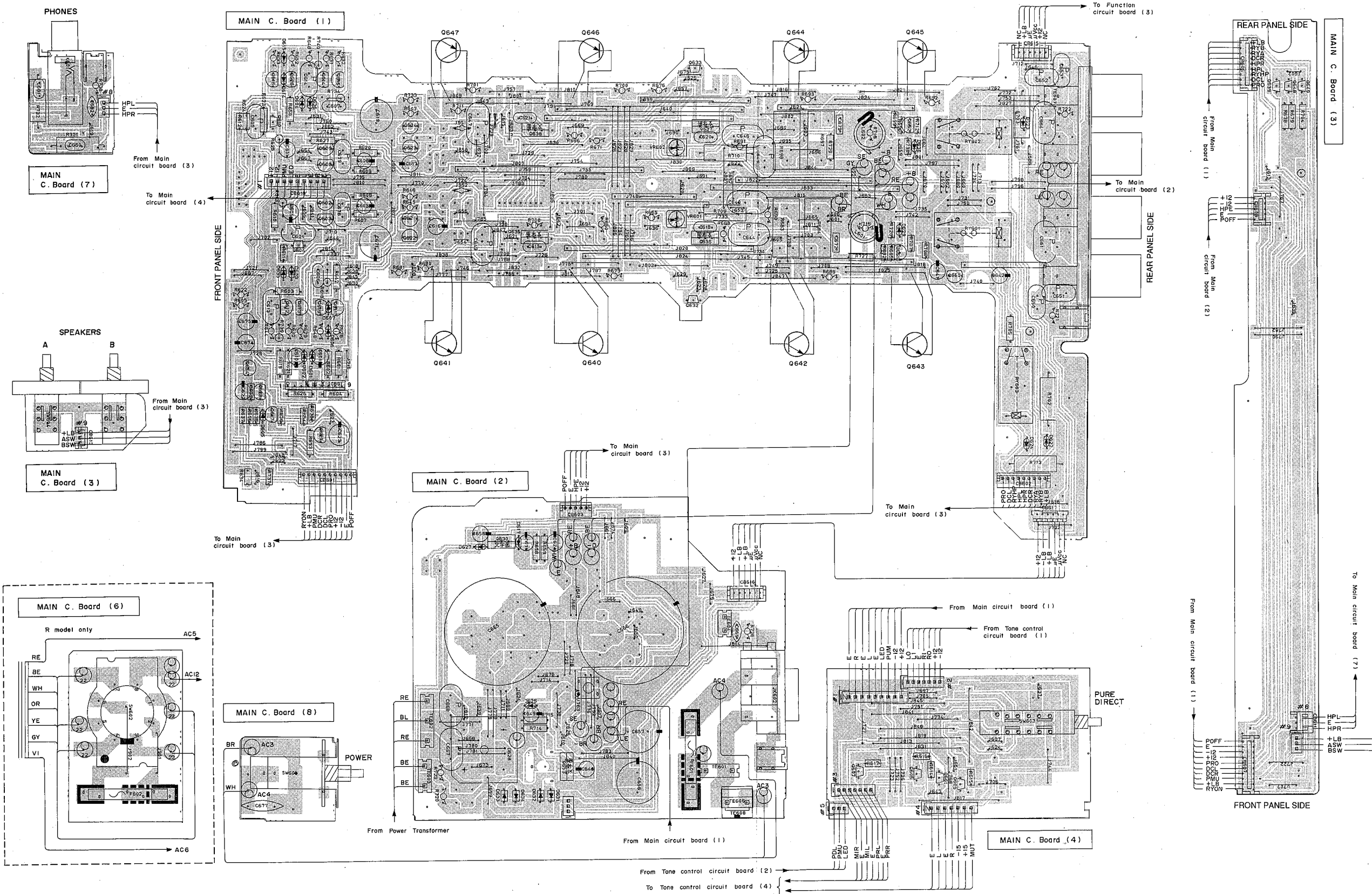
## ■ PRINTED CIRCUIT BOARD (Function)

[illegible]





# AX-750 PRINTED CIRCUIT BOARD



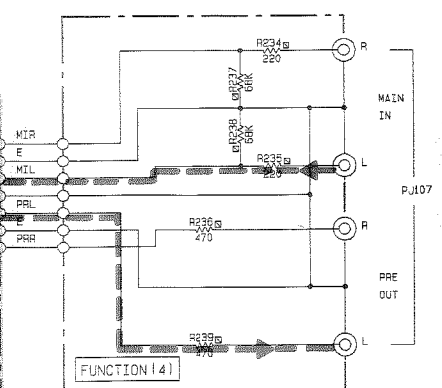
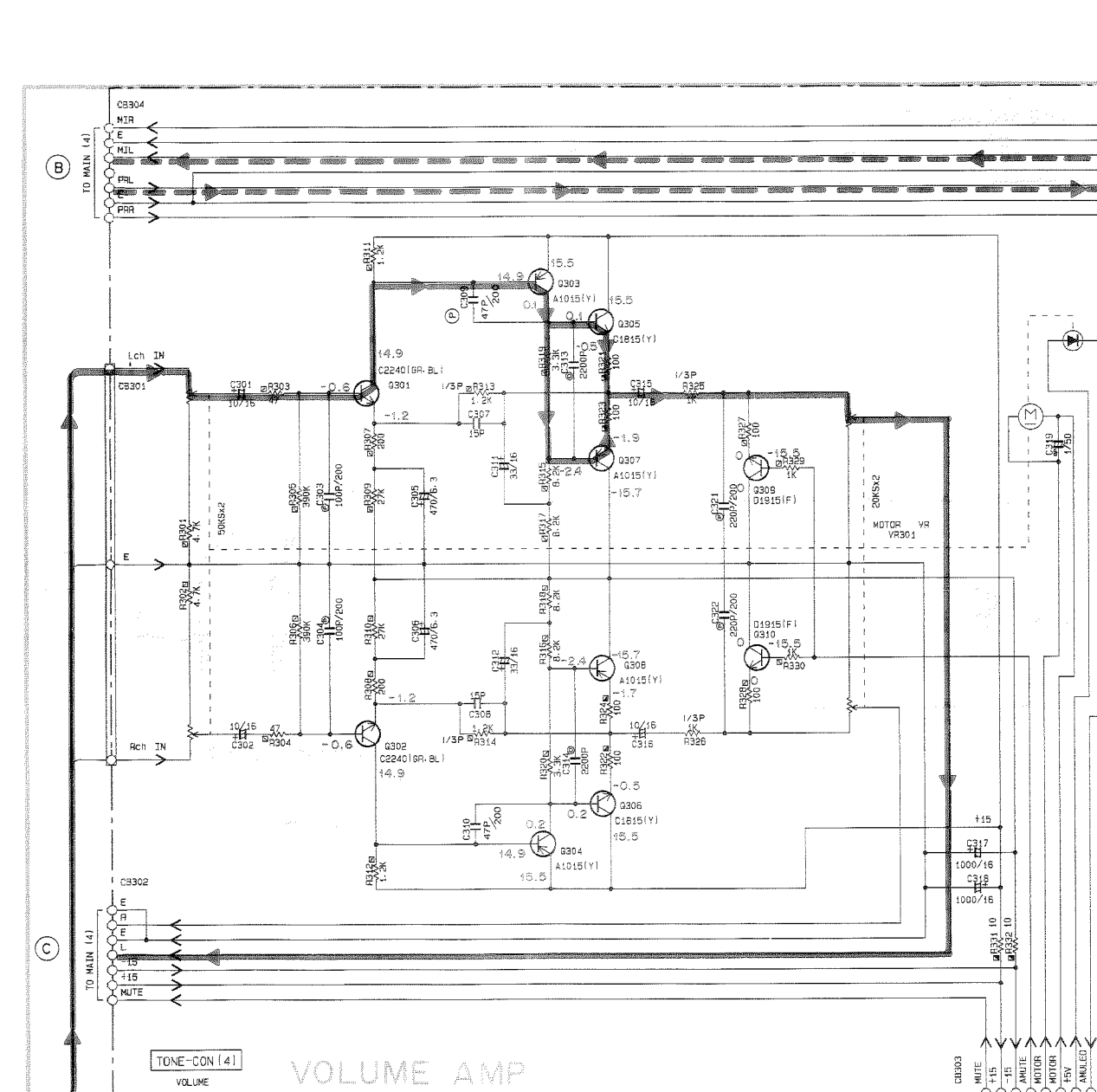
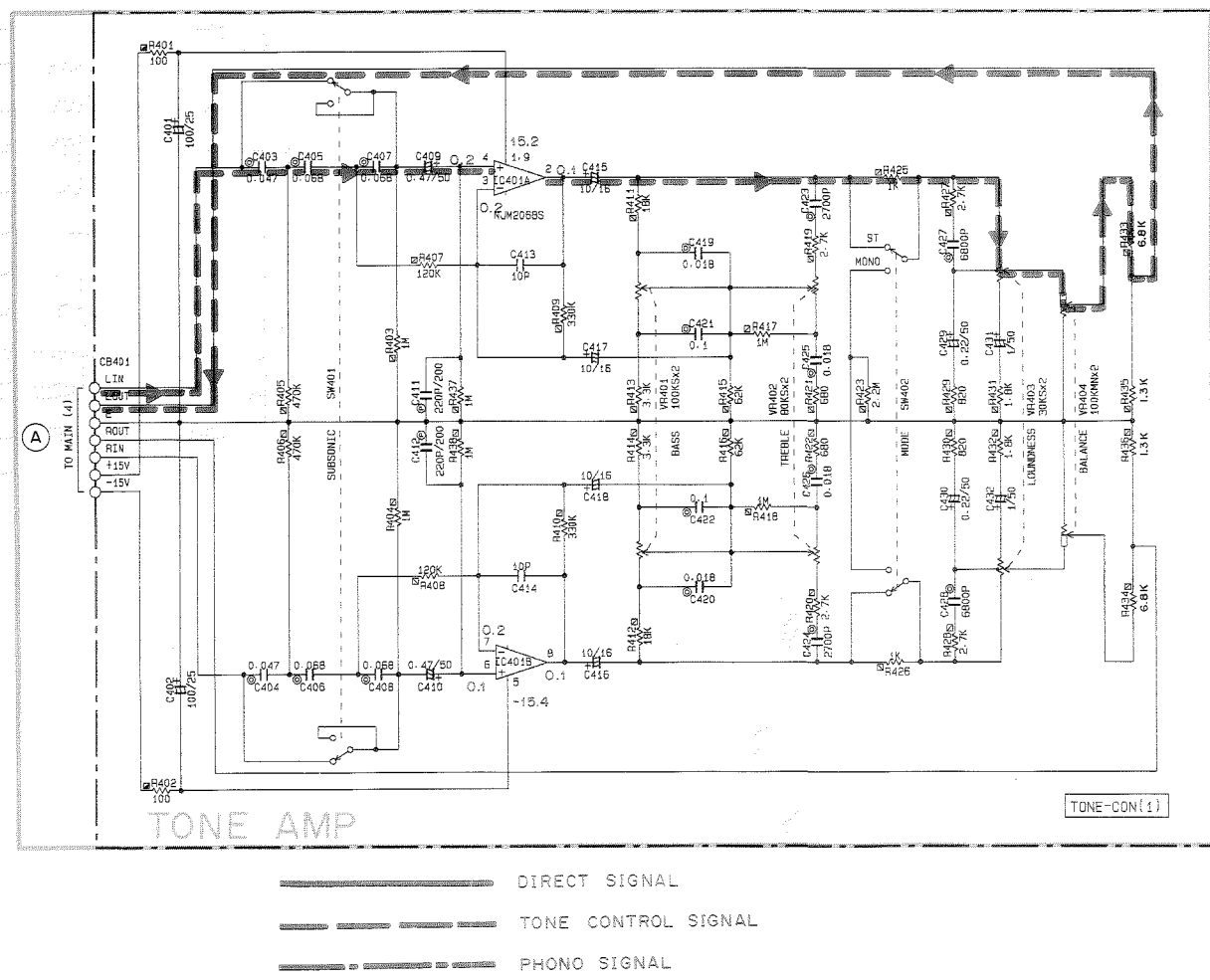
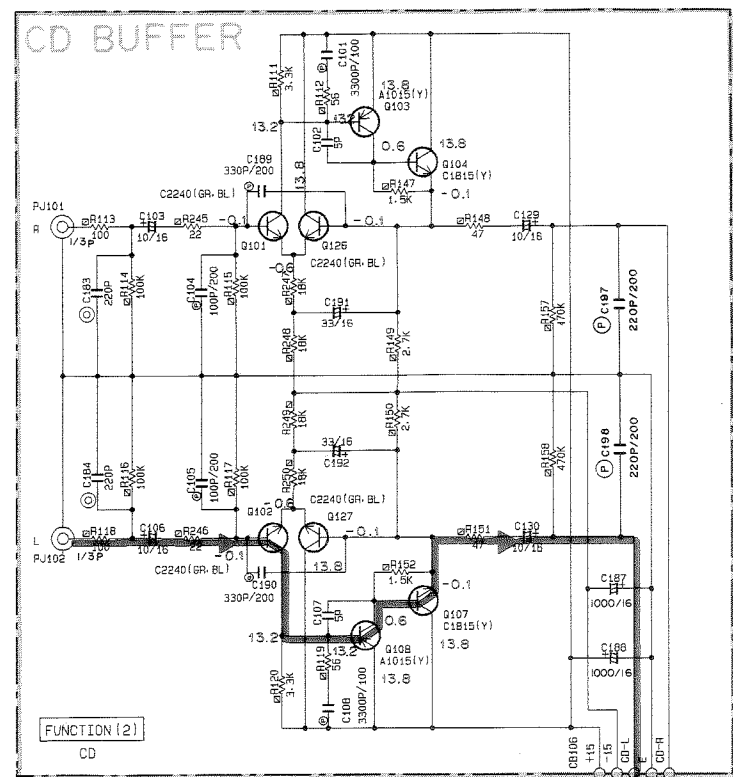
## ●Semiconductors Location

Ref. No	Location
D 601	B 3
D 602	B 3
D 603	B 2
D 604	B 1
D 605	B 3
D 606	C 3
D 617	C 3
D 614	B 1
D 615	B 1
D 617	D 4
D 622	G 3
D 623	G 1
D 624	G 3
D 625	D 5
D 627	D 4
D 628	D 5
D 629	F 2
D 630	F 2
D 631	D 6
D 632	D 6
D 633	D 6
D 634	D 6
D 635	B 2
D 636	B 1
IC 601	C 3
Q 601	F 6
Q 602	C 2
Q 603	C 2
Q 604	B 2
Q 605	F 6
Q 606	F 6
Q 607	F 6
Q 608	C 2
Q 609	C 2
Q 610	B 1
Q 611	C 3
Q 612	B 3
Q 613	B 3
Q 614	C 1
Q 615	C 1
Q 616	B 1
Q 617	B 3
Q 619	C 3
Q 621	C 2
Q 622	C 2
Q 623	C 2
Q 624	C 2
Q 626	B 1
Q 628	B 3
Q 629	C 3
Q 630	D 4
Q 631	D 3
Q 632	E 3
Q 633	E 1
Q 634	D 1
Q 635	D 2
Q 636	E 2
Q 637	E 2
Q 638	D 2
Q 639	H 1
Q 640	D 3
Q 641	C 3
Q 642	F 3
Q 643	F 3
Q 644	E 1
Q 645	F 1
Q 646	D 1
Q 647	C 1
Q 648	I 1
Q 649	I 1
Q 650	F 2
Q 651	F 2
Q 652	F 2
Q 653	D 6
Q 654	B 3
VR601	E 2
VR602	E 2



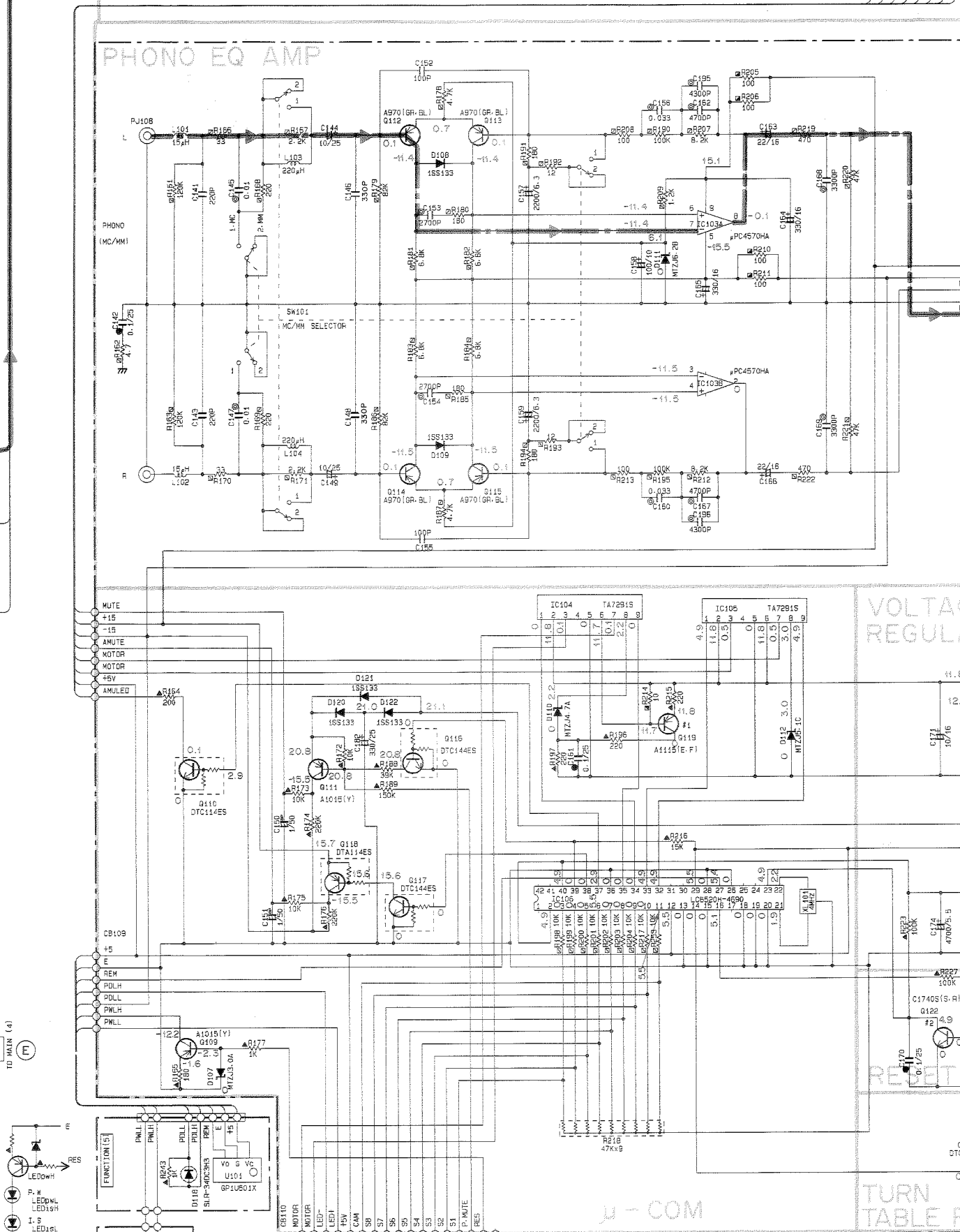
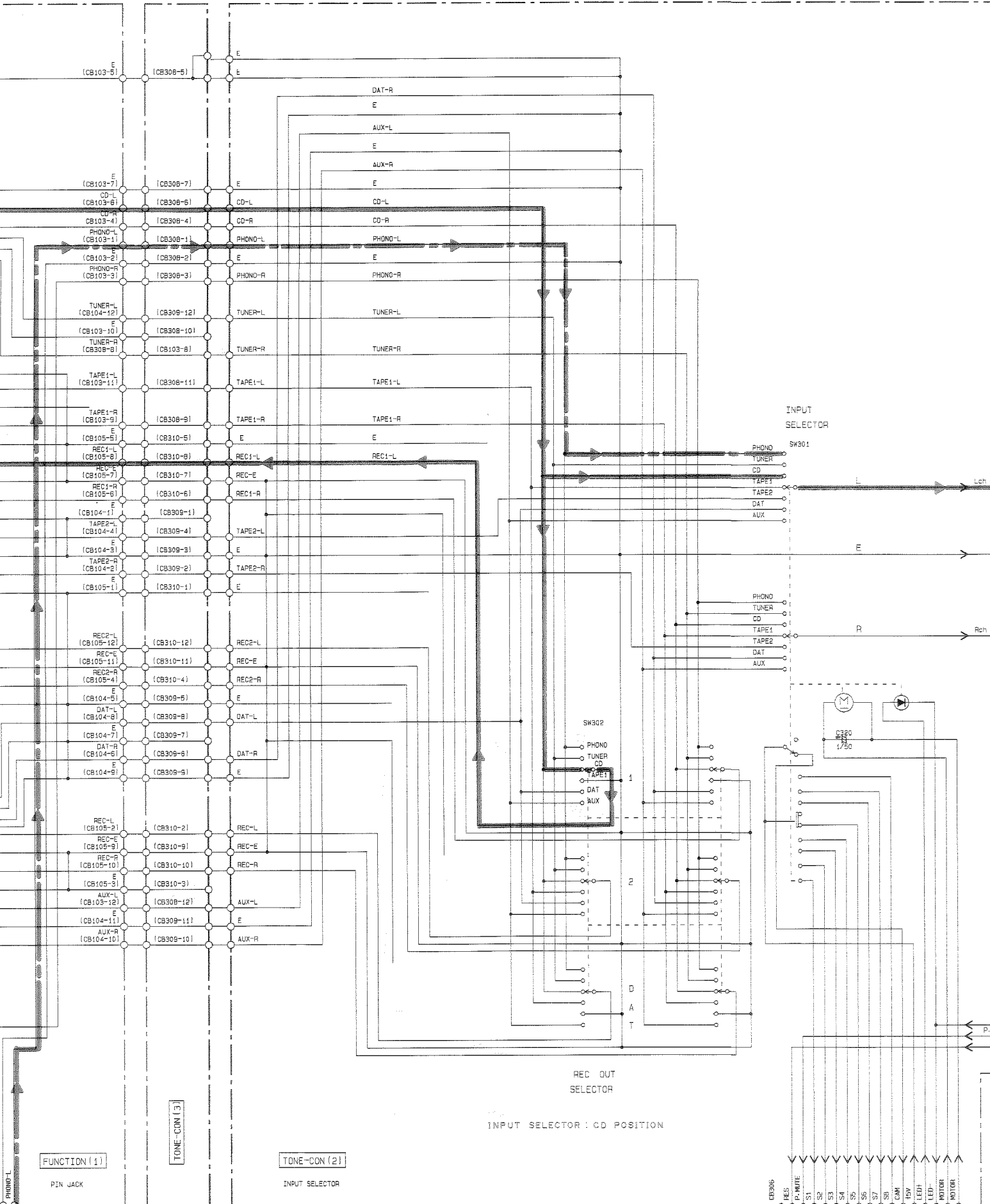
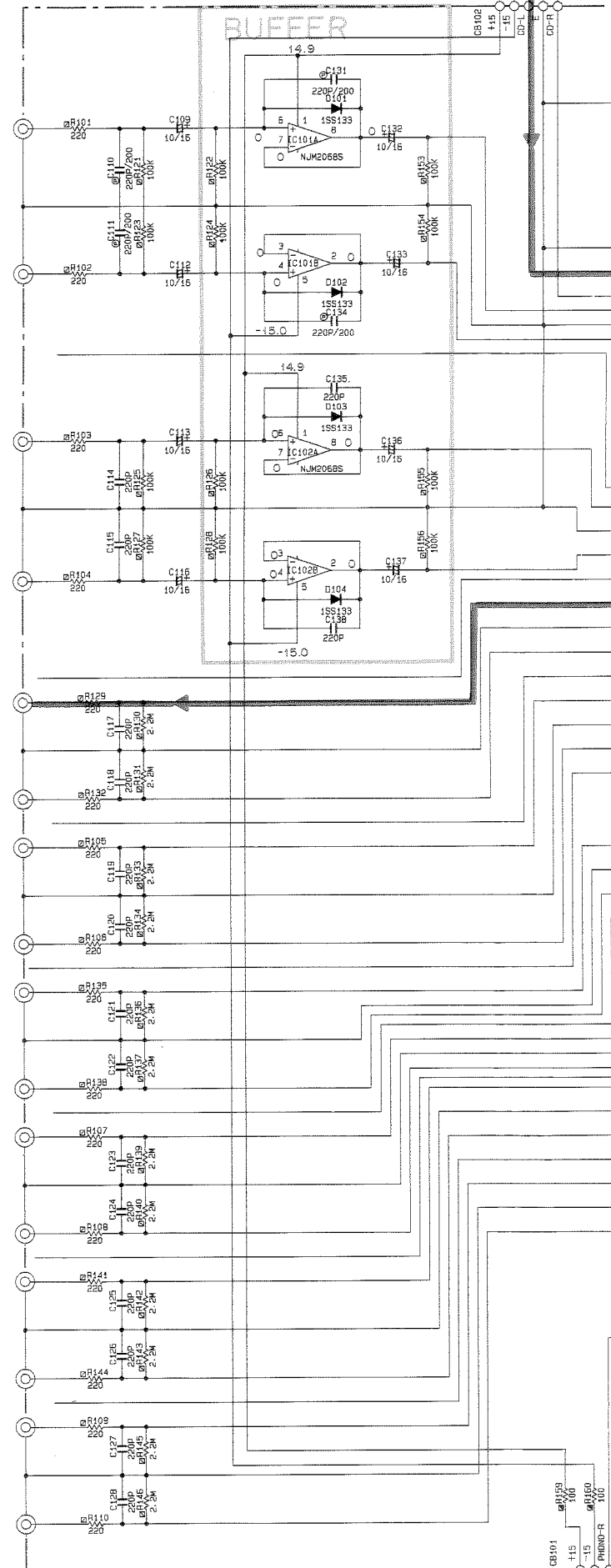
REMARKS	PARTS NAME	REMARKS	PARTS NAME
NO MARK ELECTROLYTIC CAPACITOR	10	NO MARK CARBON FILM RESISTOR 1/8W	1/8W
NO MARK CAPACITOR	10	CARBON FILM RESISTOR 1/4W	1/4W
NO MARK CERAMIC CAPACITOR	10	METAL OXIDE FILM RESISTOR	
AXIAL LEAD CERAMIC CAPACITOR	11	METAL FILM RESISTOR	
AXIAL LEAD CERAMIC CAPACITOR	11	METAL STATE RESISTOR	
POLYSTYRENE FILM CAPACITOR	11	FIRE PROOF CARBON FILM RESISTOR	
POLYSTYRENE FILM CAPACITOR	11	TEMP. AUTO. RESISTOR	
POLYSTYRENE FILM CAPACITOR	11	SEMI VARIABLE RESISTOR	
POLYSTYRENE FILM CAPACITOR	11	ICMP RESISTOR	

NOTICE  
[J]..... Japanese model  
[U]..... U.S.A. model  
[C]..... Canadian model  
[A]..... Australian model  
[E]..... European model  
[B]..... British model  
[P]..... General model  
[R]..... R.P. model



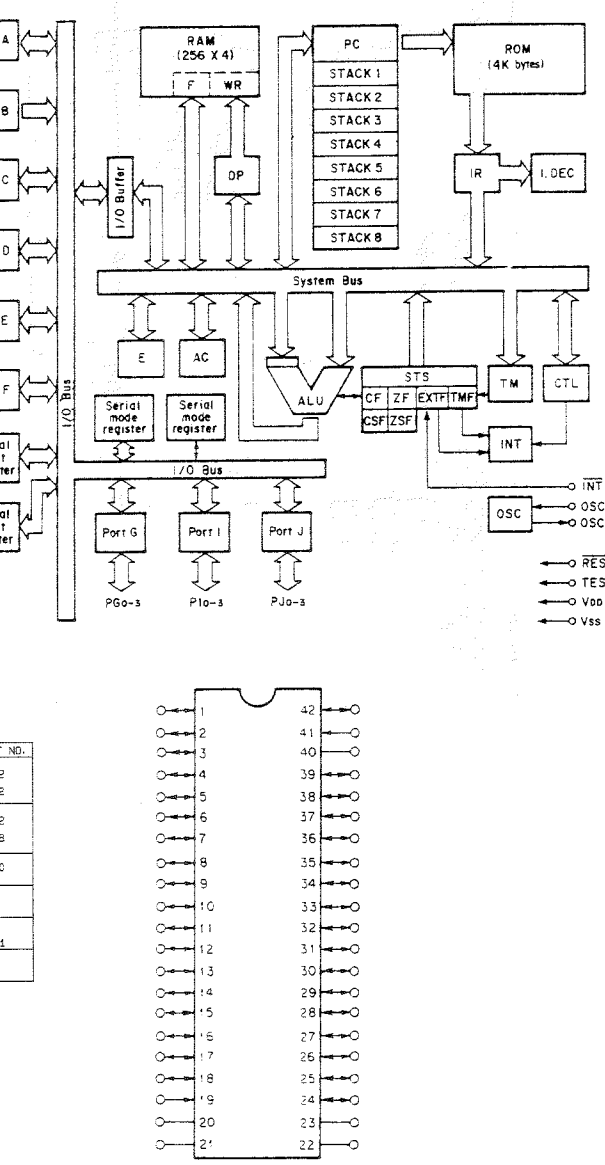
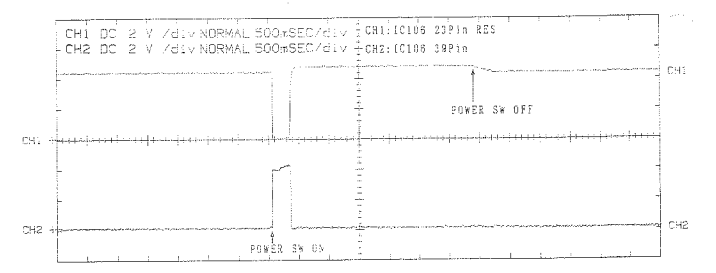
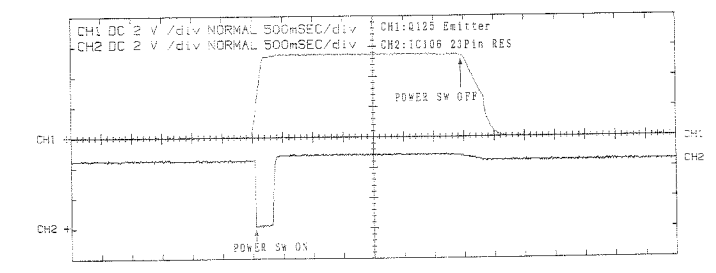
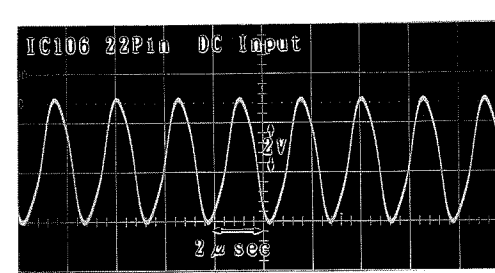
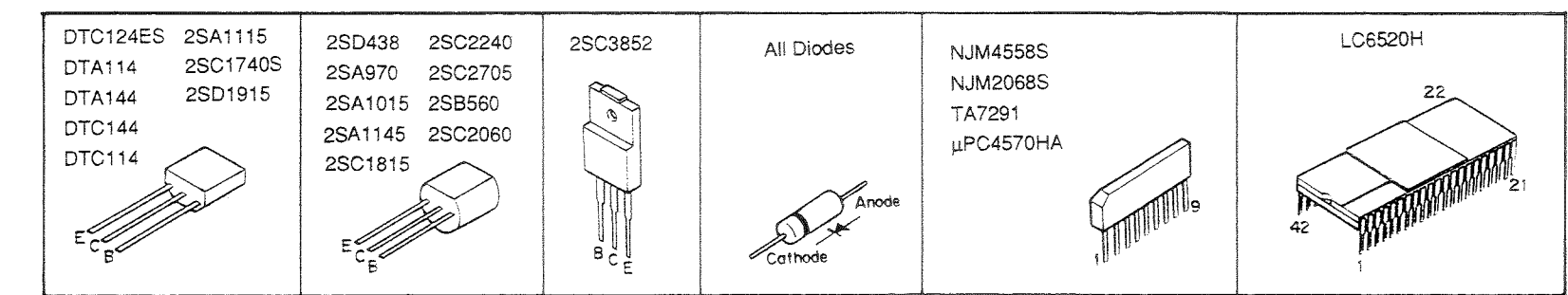
IC101,102:NMJ4558S  
IC401:NMJ2068S  
IC103:PC4570HA  
(Dual Op-amp)

IC104,105:TA7291S  
(Full Bridge Motor Driver)



IC106:LC6520H  
(4-bit μCOM)

PIN No.	PIN NAME	I/O	FUNCTION	PIN No.	PIN NAME	I/O	FUNCTION
1	PA2	I/O	Not used	22	OSC2	—	—
2	PA3	I/O	Not used (H)	23	RESET	I	Reset input
3	PB0	—	S1: Selector position data	24	PF0	I/O	Not used
4	PB1	—	S2	25	PF1	I/O	Not used
5	PB2	—	S3	26	PF2	I/O	Not used
6	PB3	—	S4	27	PF3	I/O	Remote control Data input
7	PC0	I/O	S5	28	PG0	I/O	Not used
8	PC1	I/O	S6	29	PG1	I/O	Not used (GND)
9	PC2	I/O	S7	30	PG2	I/O	Not used
10	PC3	I/O	S8	31	PG3	I/O	Not used
11	PD0	I/O	CAM: Cam position data	32	PI0	I/O	Volume control signal 2
12	PD1	I/O	Not used (L: 6ch set)	33	PI1	I/O	Volume control signal 1
13	PD2	I/O	Not used (GND)	34	PI2	I/O	Selector control signal 2
14	PD3	I/O	PLAY/CUT(Play control)	35	PI3	I/O	Selector control signal 1
15	PE0	I/O	Not used	36	PJ0	I/O	Not used (GND)
16	PE1	I/O	Not used	37	PJ1	I/O	Audio muting LED control
17	PE2	I/O	Not used	38	PJ2	I/O	Audio muting control signal
18	PE3	I/O	Not used (GND)	39	PJ3	I/O	Muting control signal
19	TEST	—	GND	40	VDD	—	+5V
20	VSS	—	GND	41	PA0	I/O	Not used
21	OSC1	—	—	42	PA1	I/O	Not used

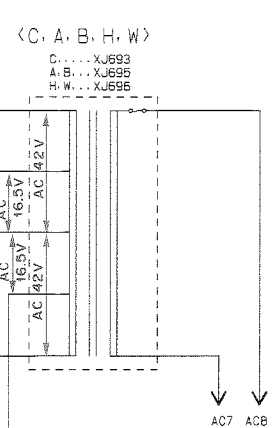
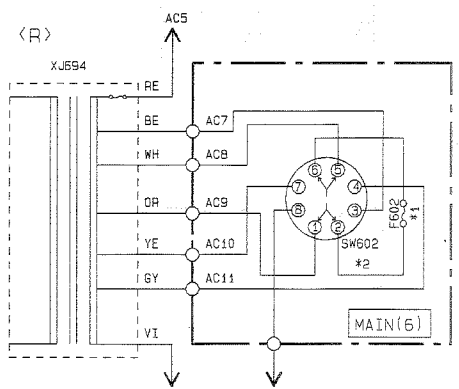
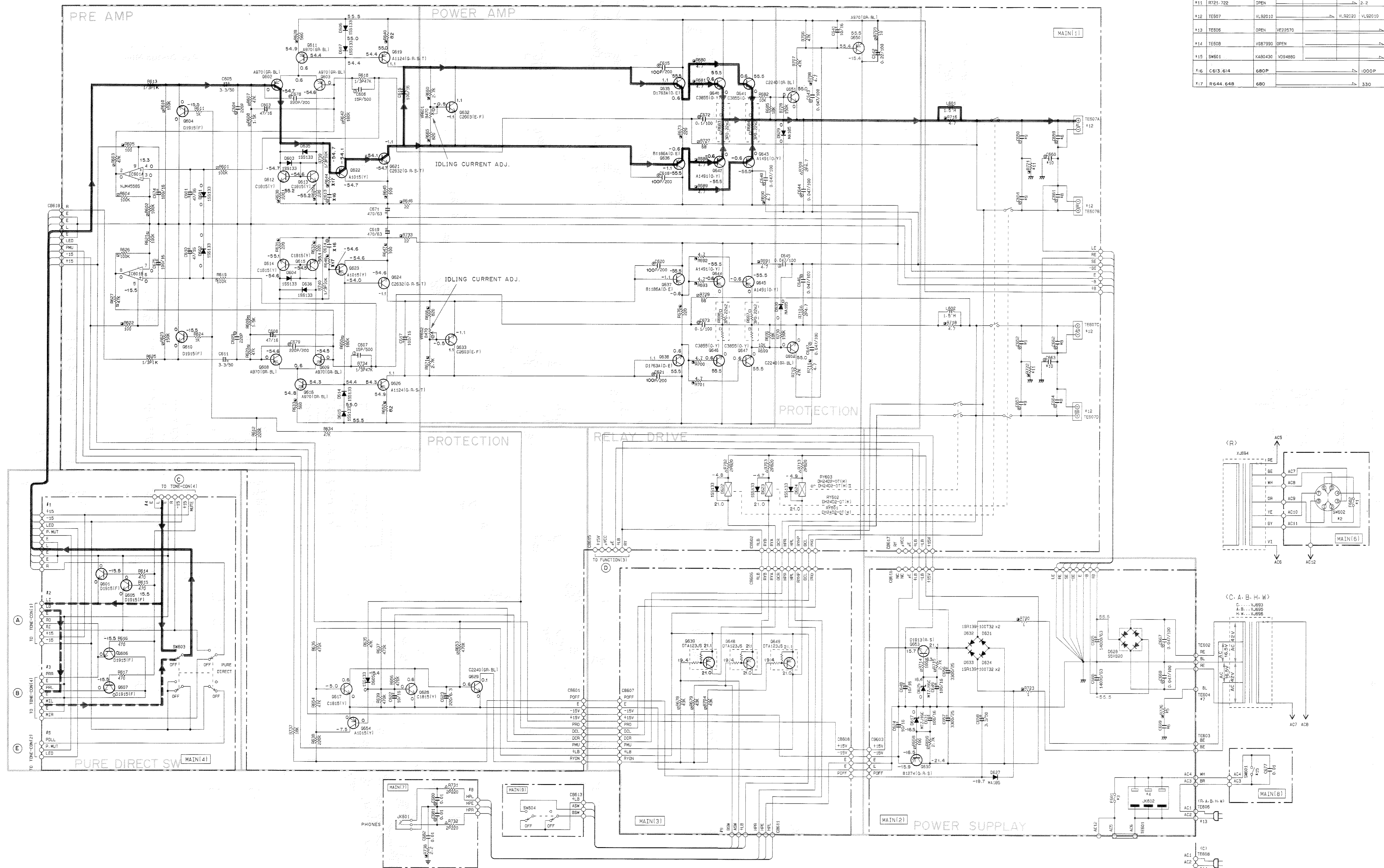


SCHEMATIC DIAGRAM

CAPACITOR	
REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
NO MARK	TANTALUM CAPACITOR
NO MARK	CERAMIC CAPACITOR
●	AXIAL LEAD CERAMIC CAPACITOR
○	POLYESTER FILM CAPACITOR
○	POLYSTYRENE FILM CAPACITOR
○	MICA CAPACITOR
○	POLYPROPYLENE FILM CAPACITOR
●	SEMICONDUCTIVE CERAMIC CAPACITOR

RESISTOR	
REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (1/6W)
□	CARBON FILM RESISTOR (1/4W)
△	METAL OXIDE FILM RESISTOR
△	METAL FILM RESISTOR
□	METAL PLATE RESISTOR
□	FINE PROF CARBON FILM RESISTOR
□	CEMENT MOLDED RESISTOR
□	SEMI VARIABLE RESISTOR
■	CHIP RESISTOR

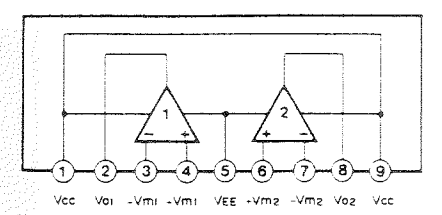
NOTICE  
(J)..... Japanese model  
(U)..... U.S.A. model  
(C)..... Canadian model  
(A)..... Australian model  
(G)..... European model  
(B)..... British model  
(R)..... German model  
(P)..... PP model



LAST NO.
C 002
B 740
D 054
E 636
IC 001

2SD1915 DTA123ES	2SA970 2SA1015 2SA1145 2SC1815 2SC2240 2SC2705	2SA1124 2SC2632 2SB1274 2SD1913	2SD1763 2SB1185	SSVB20	All Diodes	2SA1491 2SC3855
---------------------	---	--	--------------------	--------	------------	--------------------


IC BLOCK  
IC601: NJM4558S  
(Dual Op-amp)



## PARTS LIST

## ■ ELECTRICAL PARTS

## ■ WARNING

Components having special characteristics are marked  and must be replaced with parts having specifications equal to those originally installed.

• Carbon resistors 1/6 W are not included in the ELECTRICAL PARTS list. For the parts No. of the carbon resistor, refer to the last Page.

Ref. NO.	PART NO.	Description	部 品 名	Remarks	Markets	ランク
	VL533800	FUNCTION CIRCUIT BOARD	ファンクションシート			
	FA153270	MYLAR FILM CAP	2700pF 50V	マイラーコン	C153, 154	
	FA153330	MYLAR FILM CAP	3300pF 50V	マイラーコン	C168, 169	
	FA153240	MYLAR FILM CAP	2400pF 50V	マイラーコン	C195, 196	
	FA153680	MYLAR FILM CAP	6800pF 50V	マイラーコン	C162, 167	
	FA154100	MYLAR FILM CAP	0.01uF 50V	マイラーコン	C145, 147	
	FA154330	MYLAR FILM CAP	0.033uF 50V	マイラーコン	C156, 160	
	VK984200	POLYPROPYLENE FILM CAP	220pF 50V	PPコン	C183, 184	
	VK533900	POLYPROPYLENE FILM CAP	100pF 200V	PPコン	C104, 105	
	VK534000	POLYPROPYLENE FILM CAP	220pF 200V	PPコン	C110, 111, 131, 134, 197,	
					198	
	VL972900	POLYPROPYLENE FILM CAP	330pF 200V	PPコン	C189, 190	
	VL884000	POLYPROPYLENE FILM CAP	3300pF 100V	PPコン	C101, 108	
	FG210500	CERAMIC CAP	5pF 50V	セラコン	C102, 107	
	FG212100	CERAMIC CAP	100pF 50V	セラコン	C152, 155	
	FG212220	CERAMIC CAP	220pF 50V	セラコン	C114, 115, 117-128, 135, 138, 141, 143	
	FG244100	CERAMIC CAP	0.01uF 50V	セラコン	C193, 194	
	VG287200	ELECTROLYTIC CAP	10uF 16V	ケミコン	C103, 106, 109, 112, 113, 116, 129, 130, 132, 133,	
					136, 137, 171, 173, 179	
	VG286800	ELECTROLYTIC CAP	100uF 10V	ケミコン	C158	
	VG287300	ELECTROLYTIC CAP	22uF 16V	ケミコン	C163, 166	
	VG287400	ELECTROLYTIC CAP	33uF 16V	ケミコン	C191, 192	
	VG287800	ELECTROLYTIC CAP	330uF 16V	ケミコン	C164, 165, 172	
	VG288500	ELECTROLYTIC CAP	10uF 25V	ケミコン	C144, 149	
	VH758800	ELECTROLYTIC CAP	330uF 25V	ケミコン	C182	
	VG290500	ELECTROLYTIC CAP	1uF 50V	ケミコン	C176	
	VG288000	ELECTROLYTIC CAP	1000uF 16V	ケミコン	C187, 188	
	UJ719220	ELECTROLYTIC CAP	2200uF 6.3V	ケミコン	C157, 159	
	WK166100	ELECTROLYTIC CAP	1uF 50V	BPケミコン	C150, 151	
	VD930900	SEMI-CONDUCTIVE CERAMIC CAP	0.1uF 25V	半導体セラコン	C142, 161, 170, 175	
	VB170100	ELECTROLYTIC CAP	4700uF 5.5V	バックアップケミコン	C174	
	VF541100	COIL	15uH ELFO505RA	コイル	L101, 102	
	VB056900	COIL	220uH	コイル	L103, 104	
	VK859300	CARBON RESISTOR	100Ω 1/3W	カーボン抵抗	R113, 118	
	HV454100	FLAME PROOF CARBON RESISTOR	10Ω 1/4W	不燃化カーボン抵抗	R214	
	HV454390	FLAME PROOF CARBON RESISTOR	39Ω 1/4W	不燃化カーボン抵抗	R233, 254	
	HV455100	FLAME PROOF CARBON RESISTOR	100Ω 1/4W	不燃化カーボン抵抗	R159, 160, 205, 206, 210, 211	
	HU595100	METAL FILM RESISTOR	100Ω 1/4W	金属被膜抵抗	R225, 226	
	HU575180	METAL FILM RESISTOR	180Ω 1/4W	金属被膜抵抗	R165	
	HU575200	METAL FILM RESISTOR	200Ω 1/4W	金属被膜抵抗	R164	
	HU575220	METAL FILM RESISTOR	220Ω 1/4W	金属被膜抵抗	R196, 197, 215	
	HU575680	METAL FILM RESISTOR	680Ω 1/4W	金属被膜抵抗	R244	
	HU596100	METAL FILM RESISTOR	1KΩ 1/4W	金属被膜抵抗	R177, 224, 240, 241, 243	
	HU597100	METAL FILM RESISTOR	10KΩ 1/4W	金属被膜抵抗	R172, 173, 175, 229, 231	
	HU577150	METAL FILM RESISTOR	15KΩ 1/4W	金属被膜抵抗	R216	
	HU577390	METAL FILM RESISTOR	39KΩ 1/4W	金属被膜抵抗	R188	
	HU577470	METAL FILM RESISTOR	47KΩ 1/4W	金属被膜抵抗	R242	

\* : New Parts (新規部品)

ランク : Japan only



Ref. NO.	PART NO.	Description	部 品 名	Remarks	Markets	ランク
*	HU598100	METAL FILM RESISTOR	100K $\Omega$ 1/4W	金属被膜抵抗	R223, 227, 228, 230	
	HU578150	METAL FILM RESISTOR	150K $\Omega$ 1/4W	金属被膜抵抗	R189	
	HU598220	METAL FILM RESISTOR	220K $\Omega$ 1/4W	金属被膜抵抗	R174, 176	
	VL948600	RESISTOR ARRAY	47K $\Omega$ x9	抵抗アレイ	R218	
	XA956A00	IC	NJH2068S	I C	IC101, 102	
*	XB247301	IC	uPC4570HA	I C	IC103	
	XF557A00	IC	TA7291S	I C	IC104, 105	
	XJ577A00	IC	LC8520H-4690	I C	IC106	
	VF926500	LIGHT DETECTING MODULE	GP1U501X	リモコン受光ユニット	U101	
	VK333500	PUSH SWITCH	SPUN19	プッシュSW	SW101	
*	LR202260	PIN JACK		ピンジャック	PJ108	
	LR401030	PIN JACK	4P T5857-A	ピンジャック	PJ107	
	VL552500	PIN JACK	1P YKC21-3048	ピンジャック	PJ101, 102	
	VJ249500	PIN JACK	4P YKC21-3077	ピンジャック	PJ103-106	
	VJ726800	MINITURE JACK		モノラル ミニジャック	JK101 REMOTE-PHONE	
*	VL548400	SHORT PLUG	FJ 6P	F J ショートプラグ	CB107	
	VI378300	CONNECTOR	HQ 5P	コネクターソケット	CB101, 102	
	VA252300	CONNECTOR	HQ 5P	MQコネクター	CB106, 108	
	VA252400	HQ CONNECTOR	12P	MQコネクター	CB103-105	
	VD005000	BASE PIN	PH i-TYPE 7P TE	ベースピン	CB109	
*	VL023700	WAFER	5062 17P TE	サボーディングウェハー	CB110	
	VB759100	CERAMIC RESONATOR	4MHz EFO-FC400	セラミック振動子	XL101	
	IA097000	TRANSISTOR	2SA970 GR, BL	トランジスタ	Q112-115	
	IA093320	TRANSISTOR	2SA933S Q, R	トランジスタ	Q119, 121	
	IA101521	TRANSISTOR	2SA1015 Y	トランジスタ	Q103, 108, 109, 111	
	IB056020	TRANSISTOR	2SB560 E, F	トランジスタ	Q123	
	IC1815C0	TRANSISTOR	2SC1815 Y	トランジスタ	Q104, 107	
	IC224030	TRANSISTOR	2SC2240 GR, BL	トランジスタ	Q101, 102, 126, 127	
	IC174020	TRANSISTOR	2SC1740S R, S	トランジスタ	Q122	
	IC206010	TRANSISTOR	2SC2060 P, Q, R	トランジスタ	Q125	
	VC938500	TRANSISTOR	2SC3852	トランジスタ	Q120	
	VD678500	DIGITAL TRANSISTOR	DTA114ES	デジタルトランジスタ	Q118	
	VD678700	DIGITAL TRANSISTOR	DTC114ES	デジタルトランジスタ	Q110	
	VG722000	DIGITAL TRANSISTOR	DTC144ES	デジタルトランジスタ	Q116, 117	
	VF331200	DIGITAL TRANSISTOR	DTC124ES	デジタルトランジスタ	Q124	
	IF004000	DIODE	1SS133	ダイオード	D101-104, 108, 109, 114, 116, 120-122	
	VG435800	ZENER DIODE	MTZJ3.0A	ツェナーダイオード	D107	
	VG436800	ZENER DIODE	MTZJ4.3B	ツェナーダイオード	D117	
	VG437000	ZENER DIODE	MTZJ4.7A	ツェナーダイオード	D110	
	VG437500	ZENER DIODE	MTZJ5.1C	ツェナーダイオード	D112	
	VG438000	ZENER DIODE	MTZJ6.2B	ツェナーダイオード	D111, 115	
	VG440300	ZENER DIODE	MTZJ12C	ツェナーダイオード	D113	
	VF402500	LED	SLR-34DC3H3 (ORA)	L E D	D118	
	VI013600	LED	SLR-34VC3H3 (RED)	L E D	D119	
	VL792100	CABLE	17P 148mm	H C U ジョイナー		
	VB066900	PIN	JMSA-6024	スタイルピン		
	BB071360	SCREW TERMINAL	8.3x13	ネジ端子		

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Ref. NO.	PART NO.	Description	部 品 名	Remarks	Markets	ランク
	VL533800	tone CONTROL CIRCUIT BOARD	トーンコントロールシート			
	FA153220	MYLAR FILM CAP	2200pF 50V	マイラーコン	C313,314	
	FA153270	MYLAR FILM CAP	2700pF 50V	マイラーコン	C423,424	
	FA153680	MYLAR FILM CAP	6800pF 50V	マイラーコン	C427,428	
	FA154180	MYLAR FILM CAP	0.018uF 50V	マイラーコン	C419,420,425,426	
	FA154470	MYLAR FILM CAP	0.047uF 50V	マイラーコン	C403,404	
	FA154680	MYLAR FILM CAP	0.068uF 50V	マイラーコン	C405-408	
	FA155100	MYLAR FILM CAP	0.1uF 50V	マイラーコン	C421,422	
	VK533800	POLYPROPYLENE FILM CAP	47pF 200V	P P コン	C309,310	
	VK533900	POLYPROPYLENE FILM CAP	100pF 200V	P P コン	C303,304	
	VK534000	POLYPROPYLENE FILM CAP	220pF 200V	P P コン	C321,322,411,412	
	FG211100	CERAMIC CAP	10pF 50V	セラコン	C413,414	
	FG211150	CERAMIC CAP	15pF 50V	セラコン	C307,308	
	VG286500	ELECTROLYTIC CAP	470uF 0.3V	ケミコン	C305,306	
	VG287200	ELECTROLYTIC CAP	10uF 16V	ケミコン	C301,302,315,316,	
					415-418	
	VG287400	ELECTROLYTIC CAP	33uF 16V	ケミコン	C311,312	
	VG288900	ELECTROLYTIC CAP	100uF 25V	ケミコン	C401,402	
	VG290100	ELECTROLYTIC CAP	0.22uF 50V	ケミコン	C429,430	
	VG290300	ELECTROLYTIC CAP	0.47uF 50V	ケミコン	C409,410	
	VG290500	ELECTROLYTIC CAP	1uF 50V	ケミコン	C431,432	
	VF248700	ELECTROLYTIC CAP	1000uF 16V	ケミコン	C317,318	
	UK166100	ELECTROLYTIC CAP	1uF 50V	B P ケミコン	C319,320	
	VL877300	CARBON RESISTOR	1K $\Omega$ 1/3W	カーボン抵抗	R325,326	
	VL877400	CARBON RESISTOR	1.2K $\Omega$ 1/3W	カーボン抵抗	R313,314	
	HV454100	FLAME PROOF CARBON RESISTOR	10 $\Omega$ 1/4W	不燃化カーボン抵抗	R331,332	
	HV455100	FLAME PROOF CARBON RESISTOR	100 $\Omega$ 1/4W	不燃化カーボン抵抗	R321-324,401,402	
	XA956A00	IC	NJW2068S	I C	IC401	
	KA805110	PUSH SWITCH	SUN192H	プッシュ SW	SW402	
	KA805120	PUSH SWITCH	SUN192H	プッシュ SW	SW401	
	VL542200	ROTARY SWITCH WITH MOTOR	SRBAA4601A	モーター付ロータリー SW	SW301	
	VL542900	ROTARY SWITCH	SRRZ	ロータリー SW	SW302	
	VB858600	BASE PIN	PH L-TYPE 7P SE	ベースピン	CB304	
	VB858700	BASE PIN	PH L-TYPE 8P SE	ベースピン	CB303	
	LB919030	BASE PIN	XII L-TYPE 3P SE	ベース付ポスト	CB301	
	LB919070	BASE PIN	XII L-TYPE 7P SE	ベース付ポスト	CB302	
	VD004600	BASE PIN	PH i-TYPE 3P TE	ベースピン	CB307	
	VD005000	BASE PIN	PH i-TYPE 7P TE	ベースピン	CB305,401	
	V1009100	CONNECTOR	FPC i-TYPE 17P TE	F P C コネクター	CB306	
	VI379200	CONNECTOR	HQ 12P	コネクターソケット	CB308-310	
	VK314700	POTENTIOMETER	MN100K $\Omega$	ロータリー V R	VR404	
	VK314800	POTENTIOMETER	30K $\Omega$	ロータリー V R	VR403	
	VL543000	POTENTIOMETER	80K $\Omega$	ロータリー V R	VR402	
	VL543100	POTENTIOMETER	100K $\Omega$	ロータリー V R	VR401	
	VL545100	POTENTIOMETER WITH MOTOR	50K,10K $\Omega$ LED	モーター付 V R	VR301	
	IA101521	TRANSISTOR	2SA1015 Y	トランジスタ	Q303,304,307,308	
	IC1815C0	TRANSISTOR	2SC1815 Y	トランジスタ	Q305,306	
	IC224030	TRANSISTOR	2SC2240 GR,BL	トランジスタ	Q301,302	
	VK432900	TRANSISTOR	2SD1915 (F) ST	トランジスタ	Q309,310	

※ : New Parts (新規部品)

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Ref. NO.	PART NO.	Description	部 品 名	Remarks	Markets	ランク
* * * * *	VL533000	MAIN CIRCUIT BOARD	メインシート		C	
	VL533100	MAIN CIRCUIT BOARD	メインシート		R	
	VL533200	MAIN CIRCUIT BOARD	メインシート		AB	
	VL533300	MAIN CIRCUIT BOARD	メインシート		H	
	VL533400	MAIN CIRCUIT BOARD	メインシート		W	
	VK984200	MYLAR FILM CAP	220pF 50V	マイラーコン	C604,609	
	FA154100	MYLAR FILM CAP	0.01uF 50V	マイラーコン	C680,681	
	UA252680	MYLAR FILM CAP	680pF 50V	マイラーコン	C613,614	CRABH
	FA153100	MYLAR FILM CAP	1000pF 50V	マイラーコン	C613,614	W
	VK533900	POLYPROPYLENE FILM CAP	100pF 200V	PPコン	C615,618,620,621	
	VK534000	POLYPROPYLENE FILM CAP	220pF 200V	PPコン	C678,679	
	UT453390	POLYPROPYLENE FILM CAP	3900pF 100V	PPコン	C650-653	W
	VK534200	POLYPROPYLENE FILM CAP	0.022uF 100V	PPコン	C660,663	W
	VK534400	POLYPROPYLENE FILM CAP	0.047uF 100V	PPコン	C640,643-647,667,668	
	FT174120	POLYPROPYLENE FILM CAP	0.012uF 100V	PPコン	C659,661,662,664	W
	FG244100	CERAMIC CAP	0.01uF 50V	セラコン	C682	
	FG244220	CERAMIC CAP	0.022uF 50V	セラコン	C669	HW
	FI504100	CERAMIC CAP	0.01uF 400V	スパークキラーコン	C677	
	UJ895220	ELECTROLYTIC CAP	0.22uF 100V	ケミコン	C642	
	VE016600	ELECTROLYTIC CAP	220uF 6.3V	ケミコン	C623	
	VE017800	ELECTROLYTIC CAP	47uF 16V	ケミコン	C601,610	
	VG287200	ELECTROLYTIC CAP	10uF 16V	ケミコン	C622,624,641,648	
	VG287600	ELECTROLYTIC CAP	100uF 16V	ケミコン	C631,649,674,675	
	VG290700	ELECTROLYTIC CAP	3.3uF 50V	ケミコン	C605,611,658	
	VI532800	ELECTROLYTIC CAP	47uF 16V	ケミコン	C603,608	
	VI532900	ELECTROLYTIC CAP	100uF 16V	ケミコン	C616,617	
	VK347900	ELECTROLYTIC CAP	470uF 63V	ケミコン	C619,671	
	VG289400	ELECTROLYTIC CAP	3300uF 25V	ケミコン	C656,657	
* *	VL715300	ELECTROLYTIC CAP	14000uF 63V	ケミコン	C665,666	
	VI862200	POLYETHYLENE FILM CAP	0.1uF 100V	ポリエチレンコン	C672,673	
	FU451150	NICA CAP	15pF 500V	マイカコン	C606,607	
	VC793700	COIL	1.5uH	空芯コイル	L601,602	
	HV453100	FLAME PROOF CARBON RESISTOR	1Ω 1/4W	不燃化カーボン抵抗	R720,723	
	HV453220	FLAME PROOF CARBON RESISTOR	2.2Ω 1/4W	不燃化カーボン抵抗	R738	
	HV453220	FLAME PROOF CARBON RESISTOR	2.2Ω 1/4W	不燃化カーボン抵抗	R721,722	W
	HV453220	FLAME PROOF CARBON RESISTOR	2.2Ω 1/4W	不燃化カーボン抵抗	R726	HW
	HV453470	FLAME PROOF CARBON RESISTOR	4.7Ω 1/4W	不燃化カーボン抵抗	R680,681,688-693,700,701,708,711,716,718	
	HV454220	FLAME PROOF CARBON RESISTOR	22Ω 1/4W	不燃化カーボン抵抗	R646,733	
	HV454820	FLAME PROOF CARBON RESISTOR	82Ω 1/4W	不燃化カーボン抵抗	R640,652	
	HV455100	FLAME PROOF CARBON RESISTOR	100Ω 1/4W	不燃化カーボン抵抗	R605,622,645,647	
	HV455680	FLAME PROOF CARBON RESISTOR	680Ω 1/4W	不燃化カーボン抵抗	R644,648	CRABH
	HV455330	FLAME PROOF CARBON RESISTOR	330Ω 1/4W	不燃化カーボン抵抗	R644,648	W
	HV455220	FLAME PROOF CARBON RESISTOR	220Ω 1/4W	不燃化カーボン抵抗	R629-632,673,676	
	HV455560	FLAME PROOF CARBON RESISTOR	560Ω 1/4W	不燃化カーボン抵抗	R628,633	
	HV455820	FLAME PROOF CARBON RESISTOR	820Ω 1/4W	不燃化カーボン抵抗	R665,666	
	HV456270	FLAME PROOF CARBON RESISTOR	2.7KΩ 1/4W	不燃化カーボン抵抗	R660,671	
	HL323470	METAL OXIDE RESISTOR	4.7Ω 2W	酸化金属被膜抵抗	R709,710	
	HL325220	METAL OXIDE RESISTOR	220Ω 2W	酸化金属被膜抵抗	R731,732	
	HL325820	METAL OXIDE RESISTOR	820Ω 2W	酸化金属被膜抵抗	R702,703,713	

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Ref. NO.	PART NO.	Description	部 品 名	Remarks	Markets	ランク
	VJ695400	WIRE WOUND RESISTOR	0.22Ω×2 3W	セメント抵抗	R683,684,697,698	
	VK877300	CARBON RESISTOR	1KΩ 1/3W	カーボン抵抗	R613,625	
	VL878500	CARBON RESISTOR	10KΩ 1/3W	カーボン抵抗	R739,740	
	VL862900	CARBON RESISTOR	47KΩ 1/3W	カーボン抵抗	R618,734	
	IG076800	IC	NJM4558S	IC	IC601	
	VD948800	PUSH SWITCH	TV-5	ブッシュSW	SW601	RABHW
	KA804300	PUSH SWITCH	ESB-99753V	ブッシュSW	SW601	C
	VA961800	VOLTAGE SELECTOR	ESE-37247-F	電圧切替器	SW602	R
	VL544900	PUSH SWITCH	SPHL	ブッシュSW	SW603	
	VK475500	PUSH SWITCH	SPUR21	ブッシュSW	SW604	
	KB000390	FUSE	T4.5A 250V	ヒューズ	F602	R
	VD370900	FUSE	10A 250V	ヒューズ	F601	C
	KB001490	FUSE	10A 250V	ヒューズ	F601	R
	KB003100	FUSE	T4.0A 250V	ヒューズ	F601	ABHW
	KC001940	RELAY	DH24D2-OT(H)	リレー	RY601,602	
	VK438300	RELAY	DH24D2-OT(H)-II	リレー	RY603	
	VL920100	SPEAKER TERMINAL	T6489-A 8P	スピーカ端子	TE607	CRABW
	VL920200	SPEAKER TERMINAL	T6492-A 8P	スピーカ端子	TE607	H
	LA002000	WRAPPING TERMINAL	2P I-TYPE P=7.5	ラッピング端子	TE603	
	LA002110	WRAPPING TERMINAL	2P I-TYPE P=5	ラッピング端子	TE604	HW
	LA002140	WRAPPING TERMINAL	2P I-TYPE P=10	ラッピング端子	TE601	
	LA002320	WRAPPING TERMINAL	3P I-TYPE P=7.5	ラッピング端子	TE602	
	LB301720	PHONES JACK	N1669-A	ホーンジャック	JK601	CR
	VI327500	AC OUTLET	3P	ACアウトレット	JK602	
	VE225700	BASE PIN	2P P=7.5	ベース付ポスト	TE606	RABHW
	VG879900	BASE PIN	VH 2P TE	ベースピン	TE608	C
	VA252300	CONNECTOR	MQ 5P	MQコネクタ	CB603	
	VB994900	CONNECTOR	MQ 9P	MQコネクタ	CB602	
	VI378000	BASE PIN	MO 10P TE	ベースピン	CB601	
	VI378300	CONNECTOR	MQ 5P	コネクタソケット	CB608	
	VI378700	CONNECTOR	MQ 9P	コネクタソケット	CB606	
	VI378800	CONNECTOR	MQ 10P	コネクタソケット	CB607	
	VK216100	PLUG	FJ 6P	FJ-リセブタクル	CB617	
	VK216900	CONNECTOR	FJ 6P	FJ-リセブタクル	CB615,616	
	VD004600	BASE PIN	PH I-TYPE 3P TE	ベースピン	CB613	
	VB858200	BASE PIN	PH L-TYPE 3P SE	ベースピン	CB611	
	VL845300	BASE POST	XII 9P TE	ベース付ポスト	CB618	
	VJ692800	PRE-SET POTENTIOMETER	B470Ω	半固定VR	VR601,602	
	IA097000	TRANSISTOR	2SA970 GR,BL	トランジスタ	Q602,603,608,609,611,616,650	
	IA101521	TRANSISTOR	2SA1015 Y	トランジスタ	Q622,623,654	
	VL808200	TRANSISTOR	2SA1124 Q,R,S,T	トランジスタ	Q619,626	
	VC614000	TRANSISTOR	2SB1274 Q,R,S	トランジスタ	Q630	
	IC181500	TRANSISTOR	2SC1815 Y	トランジスタ	Q612-615,617,628	
	IC224030	TRANSISTOR	2SC2240 GR,BL	トランジスタ	Q629,651,652	
	IC260320	TRANSISTOR	2SC2603 E,F	トランジスタ	Q632,633	
	VL808300	TRANSISTOR	2SC2632 Q,R,S,T	トランジスタ	Q621,624	
	VC407900	TRANSISTOR	2SD1913 R,S	トランジスタ	Q653	
	VK432900	TRANSISTOR	2SD1915(F) ST	トランジスタ	Q601,604-607,610	
	VL582500	TRANSISTOR	2SR1186A D,E	トランジスタ	Q636,637	

\* : New Parts (新規部品)

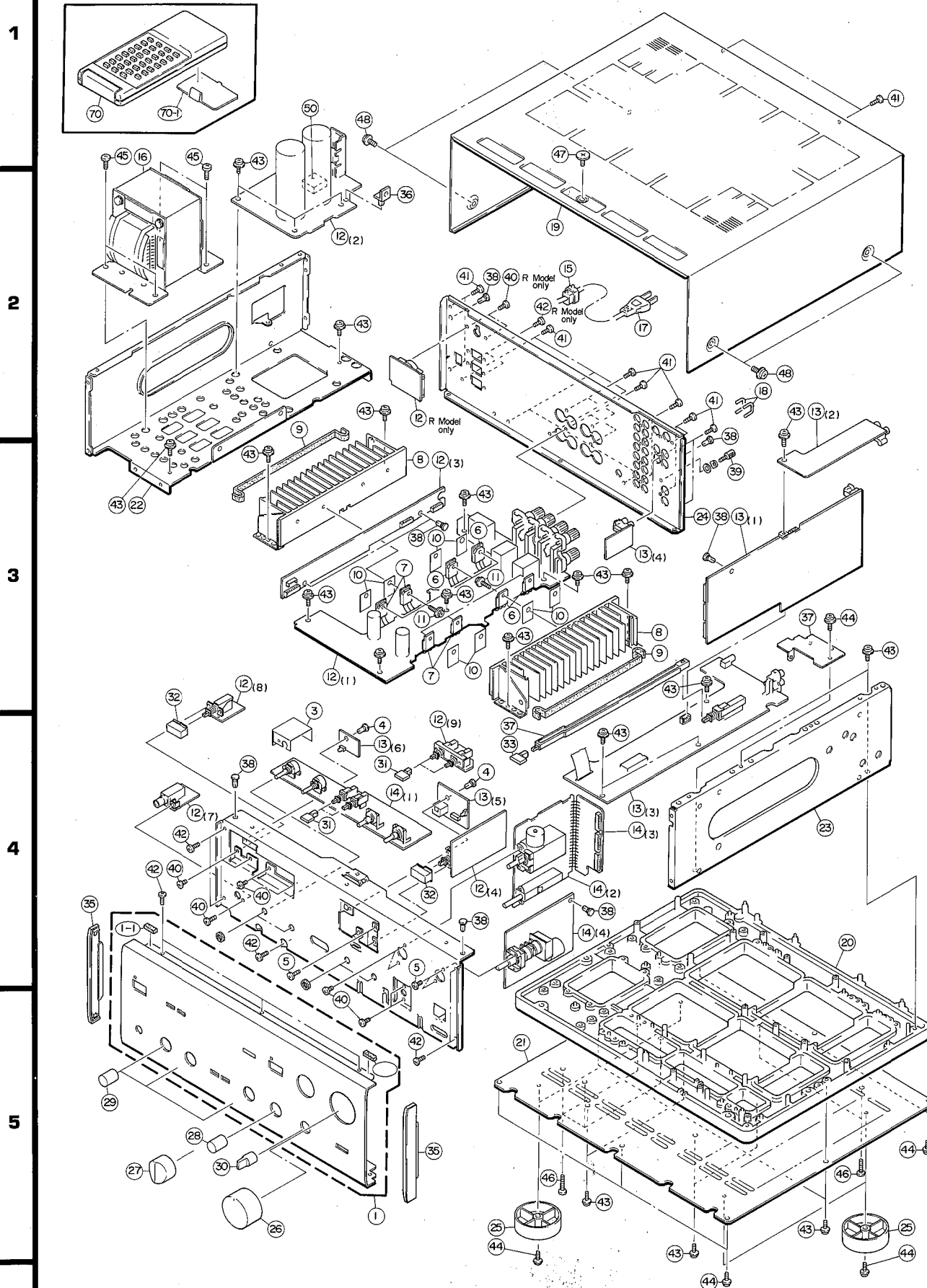
ランク : Japan only

Ref. NO.	PART NO.	Description	部 品 名	Remarks	Markets	ランク
*	VL582600	TRANSISTOR	2SD1763A D,E	トランジスタ	Q635,638	
	VL542700	DIGITAL TRANSISTOR	DTA123JS	デジタルトランジスタ	Q639,648,649	
	1F004600	DIODE	1SS133	ダイオード	D601-607,614,615, 622-624,635,636	
	VC308400	DIODE	MA185	ダイオード	D627,629,630	
*	VH770800	DIODE	1SR139-100 T-32	ダイオード	D631-634	
	VH702000	DIODE BRIDGE	S5VB20 3.5A 200V	ダイオードブリッジ	D628	
	VG441200	ZENER DIODE	MTZJ16C	ツェナーダイオード	D617,625	
	VL448600	JUMPER		ラジアルジャンパー線	J951,952	
	LB201880	FUSE HOLDER PIN	PC-FH1	ヒューズホルダーピン		
*	VB966900	PIN	INSA-6024	スタイルピン		
	BB071360	SCREW TERMINAL	8.3x13	ネジ端子		
	VE808500	SCREW TERMINAL	φ4	ネジ端子		
	VL800500	HEAT SINK	T220H31-30	ヒートシンク		
	EX602250	BIND HEAD SENS SCREW	3x12 ZMC2-BL	セムスバインド小ネジ		
*	CB644670	COVER, CAPACITOR		コンデンサカバー		

※ : New Parts (新規部品)

ランク : Japan only

EXPLODED VIEW



PARTS LIST

Ref. NO.	PART NO.	Description	部 品 名	Remarks	Markets	ランク
* 1	VL532600	PANEL UNIT	パネルユニット	BL		
* 1	VL532700	PANEL UNIT	パネルユニット	T		
1-1	VE222600	CUSHION	クッション			
2	VL213500	SUB CHASSIS	サブシャーシ			
3	VL549200	SHEET, SHEILD	シート シールド			
4	CB605620	PLASTIC RIVET	プラスチックリベット			
5	ED330066	BIND HEAD SCREW	3x6 FCRM3-BL バインド小ネジ	PACK		
6	IX609730	TRANSISTOR	2SA1491 O.P.Y トランジスタ	Q642-645		
7	IX609740	TRANSISTOR	2SC3855 O.P.Y トランジスタ	Q640, 641, 646, 647		
* 8	VL212700	RADIATOR ASS'y	ラジエーターASSY			
* 9	VK706700	DAMP'ER, FIN	ダンパー/FIN			
10	VK195900	SHEET	19x24 シート			
11	VK173200	SCREW, TRANSISTOR	スクルーTR			
* 12	VL533000	MAIN CIRCUIT BOARD	メインシート		C	
* 12	VL533100	MAIN CIRCUIT BOARD	メインシート		R	
* 12	VL533200	MAIN CIRCUIT BOARD	メインシート		AB	
* 12	VL533300	MAIN CIRCUIT BOARD	メインシート		H	
* 12	VL533400	MAIN CIRCUIT BOARD	メインシート		W	
* 13	VL533600	FUNCTION CIRCUIT BOARD	ファンクションシート			
* 14	VL533800	TOPE CONTROL CIRCUIT BOARD	トーンコントロールシート			
15	VD778200	CORD STOPPER	コードストッパー		C	
15	VD375900	CORD STOPPER	コードストッパー		RABHW	
* 16	XJ693800	POWER TRANSFORMER	電源トランス		C	
* 16	XJ694A00	POWER TRANSFORMER	電源トランス		R	
* 16	XJ695A00	POWER TRANSFORMER	電源トランス		AB	
* 16	XJ696A00	POWER TRANSFORMER	電源トランス		HW	
17	VL012900	POWER CORD ASS'y	パワーコードASSY		C	
17	VE222900	POWER CORD ASS'y	パワーコードASSY		R	
17	VE042900	POWER CORD ASS'y	パワーコードASSY		A	
17	VK815600	POWER CORD ASS'y	パワーコードASSY		B	
17	VE223200	POWER CORD ASS'y	パワーコードASSY		HW	
18	LB101110	SHORT PIN	ショートピン			
* 19	VL212800	TOP COVER	トップカバー	BL		
* 19	VL213000	TOP COVER	トップカバー	T		
* 20	VL213100	CHASSIS	シャーシ/アートベース			
* 21	VL213600	BOTTOM COVER	ボトムカバー			
* 22	VL213700	FRAME	SIDE L フレーム/サイド			
* 23	VL213800	FRAME	SIDE R フレーム/サイド			
* 24	VL250100	REAR PANEL	リヤパネル		C	
* 24	VL214200	REAR PANEL	リヤパネル		R	
* 24	VL214300	REAR PANEL	リヤパネル		AB	
* 24	VL214400	REAR PANEL	リヤパネル		W	
* 24	VL507700	REAR PANEL	リヤパネル		H	
25	VI615200	LEG	レッグ			
26	VK015100	KNOB	VOLUME ノブ	BL		
26	VK015200	KNOB	VOLUME ノブ	T		
27	VK219900	KNOB	INPUT ノブ	BL		
27	VK220000	KNOB	INPUT ノブ	T		
28	VK232700	KNOB	LOUDNESS ノブ	BL		
28	VK232800	KNOB	LOUDNESS ノブ	T		

\* : New Parts (新規部品)

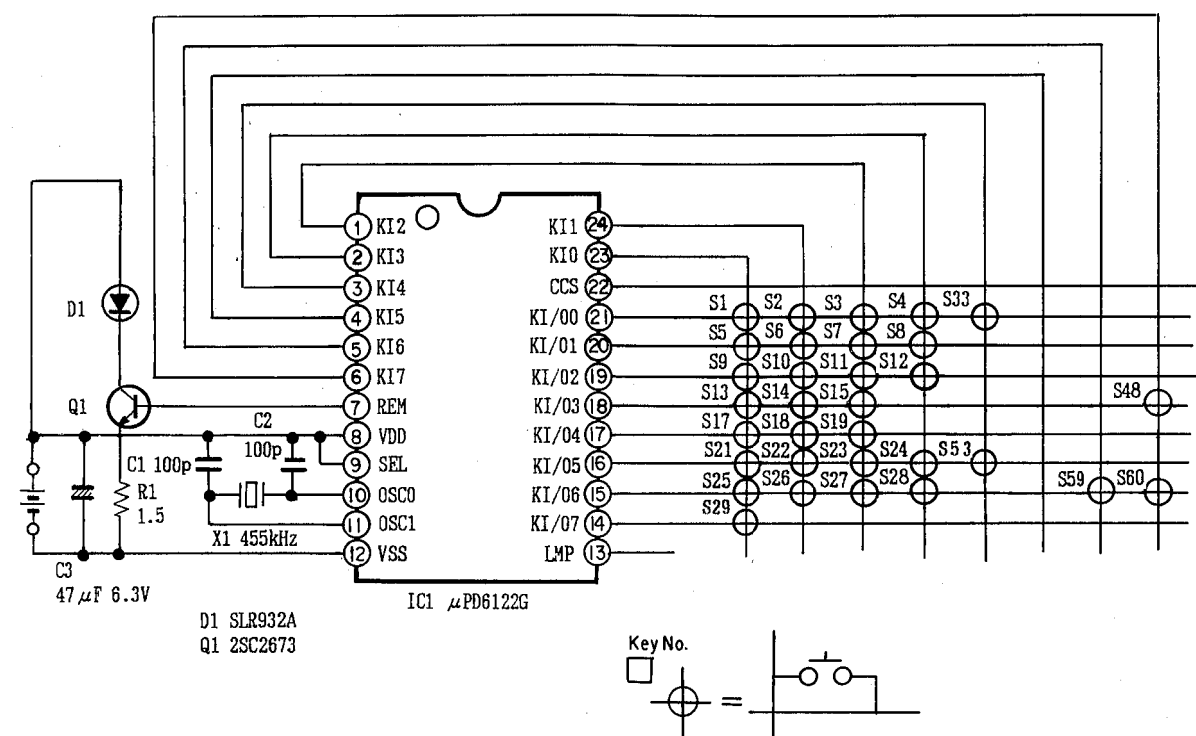
ランク : Japan only

Ref NO.	PART NO.	Description	部 品 名	Remarks	Markets	ランク
29	VK232500	KNOB	BALANCE	ノブ	BL	
29	VK232600	KNOB	BALANCE	ノブ	T	
30	VK865500	KNOB	REC OUT	ノブ	BL	
30	VK865600	KNOB	REC OUT	ノブ	T	
31	VH816000	BUTTON	SPEAKERS	ボタン	BL	
31	VH816100	BUTTON	SPEAKERS	ボタン	T	
32	VH841900	BUTTON	POWER	ボタン		
32	VH842000	BUTTON	POWER	ボタン		
33	VH816200	BUTTON	PHONO	ボタン	BL	
33	VH816300	BUTTON	PHONO	ボタン	T	
* 34	VL250500	EXTENSION BAR		ロッド		
35	VJ833000	SIDE COVER		サイドカバー	T	
35	VJ833100	SIDE COVER		サイドカバー	BL	
36	CB091290	P.C.B SUPPORT	NO. 1645	基板サポート		
* 37	VL215000	FRAME	PCB2	フレーム/PCB2		
38	CB068880	PLASTIC RIVET	NO. 1027	プラスチックリベット		
39	AA627310	GROUND TERMINAL		GNDターミナル		
40	ED330066	BIND HEAD SCREW	3x6 FCRH3-BL	バインド小ネジ		
41	EN301010	BIND HEAD BONDING TAP, SCREW	3x8 FCRH3-BL	ボンディングBタイトネジ		
42	EI330086	BIND HEAD B-TITE SCREW	3x8 FCRH3-BL	バインドBタイトネジ		
43	VB770200	BW HEAD P-TITE SCREW	3x10-8 FCRH3	BWヘッドPタイトネジ		
44	EK330030	BW HEAD TAPPING SCREW	3x10 FCRH3-BL	BWヘッドタッピングネジ		
45	EN330060	BIND HEAD B-TITE SCREW	4x16 FCRH3-BL	バインドBタイトネジ		
46	VB569300	BIND HEAD TAPPING SCREW	4x25 FCRH3-BL	バインドBタイトネジ		
47	EX601850	SPECIAL SCREW S-TITE	4x8-10 FCRH3-BL	化粧ネジSタイト	BL	
47	EX601860	SPECIAL SCREW S-TITE	4x8-10 FNM3-BL	化粧ネジSタイト	T	
48	EK365090	BW HEAD SCREW	4x8 ZMC2-BL	BWヘッドSタイトネジ	BL	
48	EX601150	BW HEAD S-TITE SCREW	4x8-10 FNM3-BL	BWヘッドSタイトネジ	T	
49	CB091290	P.C.B SUPPORT	NO. 1645	基板サポート		CR
50	CB642050	DAMPER		ダンパー		HW
	CB069251	BINDING TIE	BK-1	束線止め		
		ACCESSORIES		付属品		
* 70	VL208500	REMOTE CONTROL TRANSMITTER	SBAH00287A	リモコンランスミッター		
70-1	XX871360	LID		電池蓋		
		DRY CELL	SUM-3,AA	マンガン電池		

※ : New Parts (新規部品)

ランク : Japan only

## ■ REMOTE CONTROL TRANSMITTER



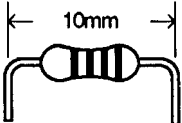
KEY NO.	D0	D1	D2	D3	D4	D5	D6	D7	FUNCTION
1	0	0	0	0	0	0	0	0	PLAY
2	1	0	0	0	0	0	0	0	◀◀
3	0	1	0	0	0	0	0	0	▶▶
4	1	1	0	0	0	0	0	0	STOP
5	0	0	1	0	0	0	0	0	REC/PAUSE
6	1	0	1	0	0	0	0	0	REC MUTE
7	0	1	1	0	0	0	0	0	DECK A/B
8	1	1	1	0	0	0	0	0	DIR A
9	0	0	0	1	0	0	0	0	PLAY (CD)
10	1	0	0	1	0	0	0	0	PAUSE/STOP
11	0	1	0	1	0	0	0	0	SKIP ▶▶
12	1	1	0	1	0	0	0	0	SKIP ◀◀
13	0	0	1	1	0	0	0	0	SEARCH ▶▶
14	1	0	1	1	0	0	0	0	SEARCH ◀◀
15	0	1	1	1	0	0	0	0	PLAY/CUT
17	0	0	0	0	1	0	0	0	PRESET +
18	1	0	0	0	1	0	0	0	PRESET -
19	0	1	0	0	1	0	0	0	A/B/C/D/E
21	0	0	1	0	1	0	0	0	PHONO
22	1	0	1	0	1	0	0	0	CD
23	0	1	1	0	1	0	0	0	TUNER
24	1	1	1	0	1	0	0	0	AUX
25	0	0	0	1	1	0	0	0	TAPE1
26	1	0	0	1	1	0	0	0	TAPE2
27	0	1	0	1	1	0	0	0	VOLUME +
28	1	1	0	1	1	0	0	0	VOLUME -
29	0	0	1	1	1	0	0	0	MUTING -20 dB
33	0	0	0	0	0	0	1	0	DIR B
48	1	1	1	1	0	0	1	0	DISC SKIP
53	0	0	1	0	1	0	1	0	DAT
59	0	1	0	1	1	0	1	0	EQ ON/FLAT
60	1	1	0	1	1	0	1	0	EQ PRESET SKIP
CUSTOM CODE	0	1	0	1	1	1	1	0	

# Parts List for Carbon Resistors

Value	1/4W Type Part No.	1/6W Type Part No.	Value	1/4W Type Part No.	1/6W Type Part No.
1.0 $\Omega$	HJ35 3100	HF853100	12 K $\Omega$	HJ35 7120	HF85 7120
1.8 $\Omega$	HJ35 3180	*	15 K $\Omega$	HJ35 7150	HF85 7150
2.2 $\Omega$	HJ35 3220	HF853220	18 K $\Omega$	HJ35 7180	HF85 7180
3.3 $\Omega$	HJ35 3330	HF853330	22 K $\Omega$	HJ35 7220	HF85 7220
4.7 $\Omega$	HJ35 3470	HF853470	27 K $\Omega$	HJ35 7270	HF85 7270
5.6 $\Omega$	HJ35 3560	HF853560	33 K $\Omega$	HJ35 7330	HF85 7330
10 $\Omega$	HJ35 4100	HF85 4100	39 K $\Omega$	HJ35 7390	HF85 7390
15 $\Omega$	HJ35 4150	HF85 4150	47 K $\Omega$	HJ35 7470	HF85 7470
22 $\Omega$	HJ35 4220	HF85 4220	56 K $\Omega$	HJ35 7560	HF85 7560
27 $\Omega$	HJ35 4270	HF85 4270	68 K $\Omega$	HJ35 7680	HF85 7680
33 $\Omega$	HJ35 4330	HF85 4330	82 K $\Omega$	HJ35 7820	HF85 7820
39 $\Omega$	HJ35 4390	HF85 4390	91 K $\Omega$	HJ35 7910	HF85 7910
47 $\Omega$	HJ35 4470	HF85 4470	100 K $\Omega$	HJ35 8100	HF85 8100
56 $\Omega$	HJ35 4560	HF85 4560	120 K $\Omega$	HJ35 8120	HF85 8120
68 $\Omega$	HJ35 4680	HF85 4680	150 K $\Omega$	HJ35 8150	HF85 8150
82 $\Omega$	HJ35 4820	HF85 4820	180 K $\Omega$	HJ35 8180	HF85 8180
100 $\Omega$	HJ35 5100	HF85 5100	220 K $\Omega$	HJ35 8220	HF85 8220
110 $\Omega$	HJ35 5110	HF85 5110	270 K $\Omega$	HJ35 8270	HF85 8270
120 $\Omega$	HJ35 5120	HF85 5120	330 K $\Omega$	HJ35 8330	HF85 8330
150 $\Omega$	HJ35 5150	HF85 5150	390 K $\Omega$	HJ35 8390	HF85 8390
160 $\Omega$	HJ35 5160	*	470 K $\Omega$	HJ35 8470	HF85 8470
180 $\Omega$	HJ35 5180	HF85 5180	560 K $\Omega$	HJ35 8560	HF85 8560
220 $\Omega$	HJ35 5220	HF85 5220	680 K $\Omega$	HJ35 8680	HF85 8680
270 $\Omega$	HJ35 5270	HF85 5270	820 K $\Omega$	HJ35 8820	HF85 8820
330 $\Omega$	HJ35 5330	HF85 5330	1.0 M $\Omega$	HJ35 9100	HF85 9100
390 $\Omega$	HJ35 5390	HF85 5390	1.2 M $\Omega$	HJ35 9120	*
470 $\Omega$	HJ35 5470	HF85 5470	1.5 M $\Omega$	HJ35 9150	HF85 9150
510 $\Omega$	*	HF85 5510	1.8 M $\Omega$	HJ35 9180	HF85 9180
560 $\Omega$	HJ35 5560	HF85 5560	2.2 M $\Omega$	HJ35 9220	HF85 9220
680 $\Omega$	HJ35 5680	HF85 5680	3.3 M $\Omega$	HJ35 9330	HF85 9330
820 $\Omega$	HJ35 5820	HF85 5820	3.9 M $\Omega$	HJ35 9390	*
910 $\Omega$	HJ35 5910	HF85 5910	4.7 M $\Omega$	HJ35 9470	HF85 9470
1.0 K $\Omega$	HJ35 6100	HF85 6100			
1.2 K $\Omega$	HJ35 6120	HF85 6120			
1.5 K $\Omega$	HJ35 6150	HF85 6150			
1.8 K $\Omega$	HJ35 6180	HF85 6180			
2.0 K $\Omega$	HJ35 6200	HF85 6200			
2.2 K $\Omega$	HJ35 6220	HF85 6220			
2.4 K $\Omega$	HJ35 6240	HF85 6240			
2.7 K $\Omega$	HJ35 6270	HF85 6270			
3.0 K $\Omega$	HJ35 6300	HF85 6300			
3.3 K $\Omega$	HJ35 6330	HF85 6330			
3.6 K $\Omega$	HJ35 6360	HF85 6360			
3.9 K $\Omega$	HJ35 6390	HF85 6390			
4.7 K $\Omega$	HJ35 6470	HF85 6470			
5.1 K $\Omega$	HJ35 6510	HF85 6510			
5.6 K $\Omega$	HJ35 6560	HF85 6560			
6.8 K $\Omega$	HJ35 6680	HF85 6680			
8.2 K $\Omega$	HJ35 6820	HF85 6820			
9.1 K $\Omega$	HJ35 6910	HF85 6910			
10 K $\Omega$	HJ35 7100	HF85 7100			

**1/4W Type**

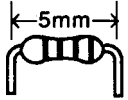
HJ35 ○○○○



10mm

**1/6W Type**

HF85 ○○○○



5mm

AX-750

# AX-750

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# YAMAHA

AX-750