ORDER NO. AD9707103C2

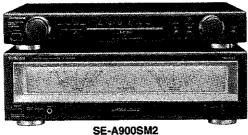
# Service Manua

**Control Amplifier** 

SU-C800UM2

System: SU-A900DM2

SU-C800UM2



**Remote Control Transmitter** 



System: SU-A900DM2

Control amplifier	SU-C800UM2
Power amplifier	SE-A900SM2

Colour

Area

(K).....Black Type

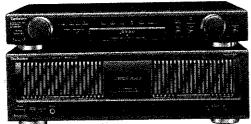
(E) ..... Europe.

#### System: SU-A800DM2

Control amplifier	SU-C800UM2
Power amplifier	SE-A800SM2

System: SU-A800DM2

SU-C800UM2



SE-A800SM2

Because of unique interconnecting cables, when a component

requires service, send or bring in the entire system.

Remote Control **Transmitter** 

## Specifications (DIN 45 500)

Total harmonic distortion 20 Hz - 20 kHz 0.01 % (Vol. Max.) input sensitibity/impedance  $2.5 \text{ mV}/47 \text{ k}\Omega$ **PHONO** 200 mV/27 kΩ **TUNER, CD, AUX, TAPE 1, TAPE 2** 150 mV

Phono maximum input voltage (1 kHz, RMS) S/N

76 dB (77 dB, IHF '66) 90 dB (97 dB, IHF '66) TUNER, CD, AUX, TAPE 1, TAPE 2

Frequency response

RIAA standard curve ±1 dB (30 Hz - 15 kHz)

TUNER, CD, AUX, TAPE 1, TAPE 2

3 Hz - 80 kHz (+0, - 3 dB) +0 dB, - 0.3 dB (20 Hz - 20 kHz)

**Tone controls** 

**PHONO** 

BASS TREBLE

50 Hz, +10 dB, -10 dB 20 kHz, +10 dB, -10 dB Muting Output voltage 200 mV TAPE 1, TAPE 2, REC OUT 1 V PRE OUT1, 2 Channel balance (AUX, 250 Hz - 6.3 kHz) ±1 dB Channel separation (AUX, 1 kHz) 50 dB

**■ GENERAL** 

430 × 69.3 × 307 mm Dimensions (W $\times$ H $\times$ D) 2.7 kg Weight

#### Notes:

- 1. Specifications are subject to change without notice. Weight and dimensions are approximate.
- 2. Total harmonic distortion is measured by the digital spectrum analyzer.

#### **MARNING**

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

# **Technics**

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#### **SU-C800UM2**

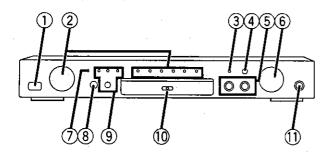
#### ■ Contents

Page	·	age
Front Panel Controls 2	Wiring Connection Diagram	. 13
Operation Check and	Type Illustration of IC's, Transistors and Diodes	
Main Component Replacement Procedures	Block Diagram	
To Supply Power Source5		
Terminal Function of IC's	Replacement Parts List (Cabinet)	
Schematic Diagram 6 – 10	Replacement Parts List (Resistors and Capacitors)	
Printed Circuit Board Diagram11, 12	Cabinet Parts Location	

#### NOTE:

Refer to the service manual for Model No. SE-A900SM2 (ORDER No. AD9707099C2) or SE-A800SM2 (ORDER No. AD9707098C2) for information on "Accessories", "Connections" and "Packaging".

#### ■ Front Panel Controls



① Power "STANDBY ① /ON" switch (POWER, STANDBY ① /ON)

Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.

#### Note

The control amplifier switches between ON and the standby mode only if the power amplifier POWER switch is in the "—ON" position.

- 2 Input selector/indicators (SELECTOR)
- 3 Muting indicator (MUTING)
- Tone control button (TONE)
- 5 Tone controls (BASS, TREBLE)
- ⑥ Volume control (VOLUME)
- ⑦ "STANDBY" indicator (STANDBY)

When the power amplifier POWER switch is in the " - ON" position, this indicator lights up in standby mode and goes out when the unit is turned on.

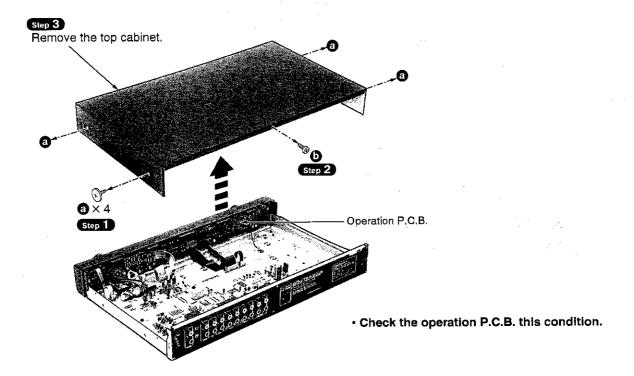
- ® Remote control signal sensor (SENSOR)
- Tape-monitor button/indicators (TAPE MONITOR)
- "ADVANCED VIRTUAL BATTERY OPERATION" 
   indicator
- 1 Balance control (BALANCE)

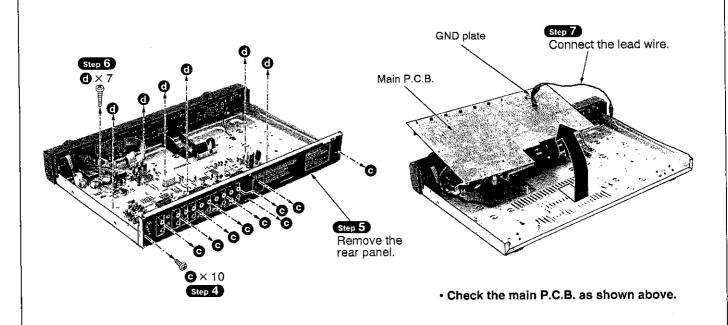
## ■ Operation Check and Main Component Replacement Procedures

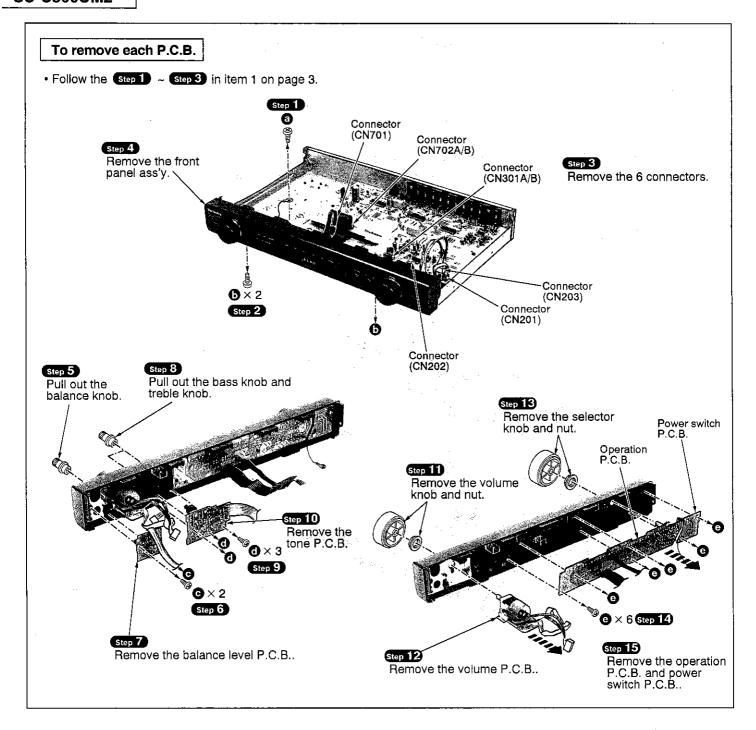
#### NOTE

- 1. This section describes procedures for checking the operation of the major printed circuit boards and replacing the main components.
- 2. For reassembly after operation checks or replacement, reverse the respective procedures. Special reassembly procedures are described only when required.

#### 1. Checking for the operation P.C.B. and main P.C.B.







## **■** To Supply Power Source

This unit SU-C800UM2 is designed to operate on power supplied from the Power Amplifier SE-A900SM2 or SE-A800SM2.

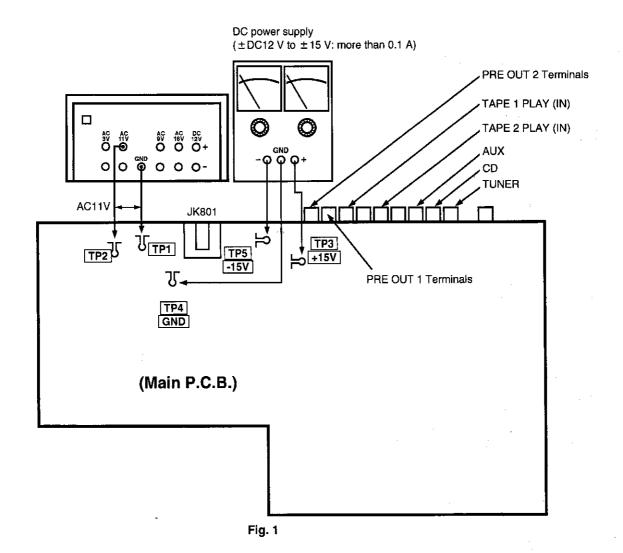
When operating the unit SU-C800UM2 alone for testing and servicing, without having power supplied from the Power Amplifier SE-A900SM2 or SE-A800SM2, use the following method.

#### Power Supply to Main Circuit

- 1. Apply 11 V AC power to the section between the point  $\overline{\text{TP1}}$  and the point  $\overline{\text{TP2}}$ .
- 2. Connect the DC +12 V to +15 V (more than 0.1 A) to the point TP5, and the GND terminal to the point TP4 using the DC power supply.
- 3. Connect the DC –12 V to –15 V (more than 0.1 A) to the point TP3, and the GND terminal to the point TP4 using the DC power supply.

#### Operation Check

- 1. Input a signal (1 kHz, 100 mV) to the each line-in terminal.
- 3. Connect the oscilloscope or the speaker with the built-in amplifier to the PRE OUT terminals and check if the signals are outputting from this unit.



### **■** Terminal Function of IC's

#### IC701 (M37470M2362S)

Pin No.	Terminal Name	ľΟ	Function		
1	SDATA	0	Data signal output for input select IC (IC201 and IC202)		
2	CLOCK	0	Clock signal output for input select IC (IC201 and IC202)		
3	STB	0	Storobe signal output for input select IC (IC201 and IC202)		
4	SELLED2				
5	SELLED1	0	Input select LED drive signal output		
6	SELLED0				
7	VRDOWN	0	Motor drive signal output (Volume down)		
8	VRUP	0	Motor drive signal output (Volume up)		
9	ASWMUTE	0	Audio signal muting signal output		
10	BATLVL1	ı	Not used, connect to GND		
11	KEYAD	1	Power switch and Tape monitor switch signal		
12	RSWAD	-	Input selector switch (S804) signal input		
13	VREF	d	Reference voltage input		
14	XIN	ı	Connect to the ceramic oscillator		
15	XOUT	o			
16	GND	_	Connect to GND		

Pin No.	Terminal Name	VO	Function	
17	vcc	1	Power supply (+5V)	
18	RESET	1	Systen reset signal input	
19	BACKUP	1	Power failure detect signal input	
20	REMCON	ł	Remote control signal input	
21	BATLVL2	1.	Not used, connect to GND	
22	cs	-	Chip select signal input (Connect to GND)	
23	MUTLED	0	Muting LED (D711) drive signal output	
24	SRCELED	0	Source LED (D810) drive signal output	
25	TP2MLED	0	Tape 2 LED (D811) drive signal output	
26	TP1MLED	0	Tape 1 LED (D812) drive signal output	
27	BATFLED			
28	BATELED	0	Not used, connect to GND	
29	BATRLY		Not used, connect to GND	
30	CHRGRLY			
31	OPTRLY	0	Relay drive signal output	
32	PWRRLY	0	Power control signal output	

## ■ Schematic Diagram

		Page
Α	MAIN CIRCUIT	7 – 10
В	TONE SWITCH CIRCUIT	8, 9
С	VOLUME CIRCUIT	8
D	BALANCE VR CIRCUIT	8
Ε	POWER SWITCH CIRCUIT	8
F	OPERATION CIRCUIT	8, 9

• This schematic diagram may be modified at any time with the development of new technology.

#### Notes:

• S301

: Tone control switch (TONE \_\_:DEFEAT, \_\_:ON)
: Power "STANDBY O /ON" switch (POWER, STANDBY O /ON)
: Tape monitor switch (TAPE TON)TOR) \$801

• \$802 \$804 : Input select switch (SELECTOR) VR201 : Volume control VR (VOLUME) : Balance control VR (BALANCE) VR202

: Tone control VR (BASS) VR301 VR302 : Tone control VR (TREBLE)

 Indicated voltage values are the standard values for the unit measured by the DC electronic circuit tester (high-impedance) with the chassis taken as standard. Therefore, there may exist some errors in the voltage values, depending on the internal impedance of the DC circuit tester. No mark: Power ON

#### Voltage and signal line

: Phono Signal (L-ch) Line : Rec Out Signal (L-ch) Line : Positive Voltage Line ---- : Negative Voltage Line

#### • Important safety notice:

Components identified by nark have special characteristics important for safety.

Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used. When replacing any of components, be sure to use only manufacturer's specified parts shown in the parts list.

IC and LSI are sensitive to static electricity.

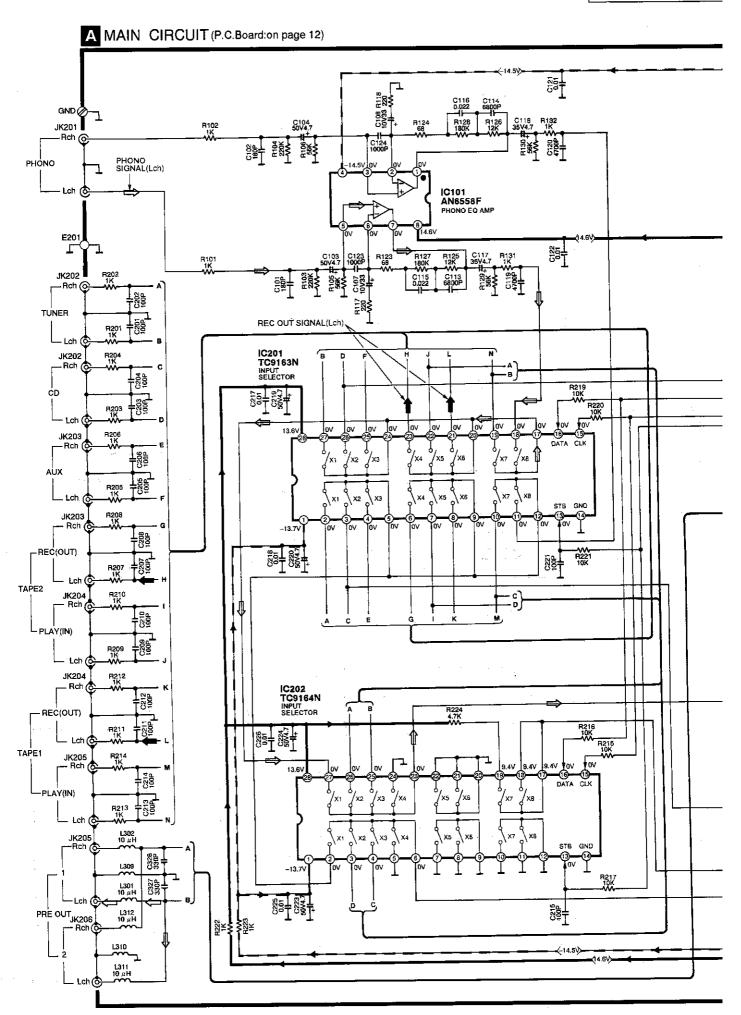
Secondary trouble can be prevented by taking care during repair.

Cover the parts boxes made of plastics with aluminum foil.

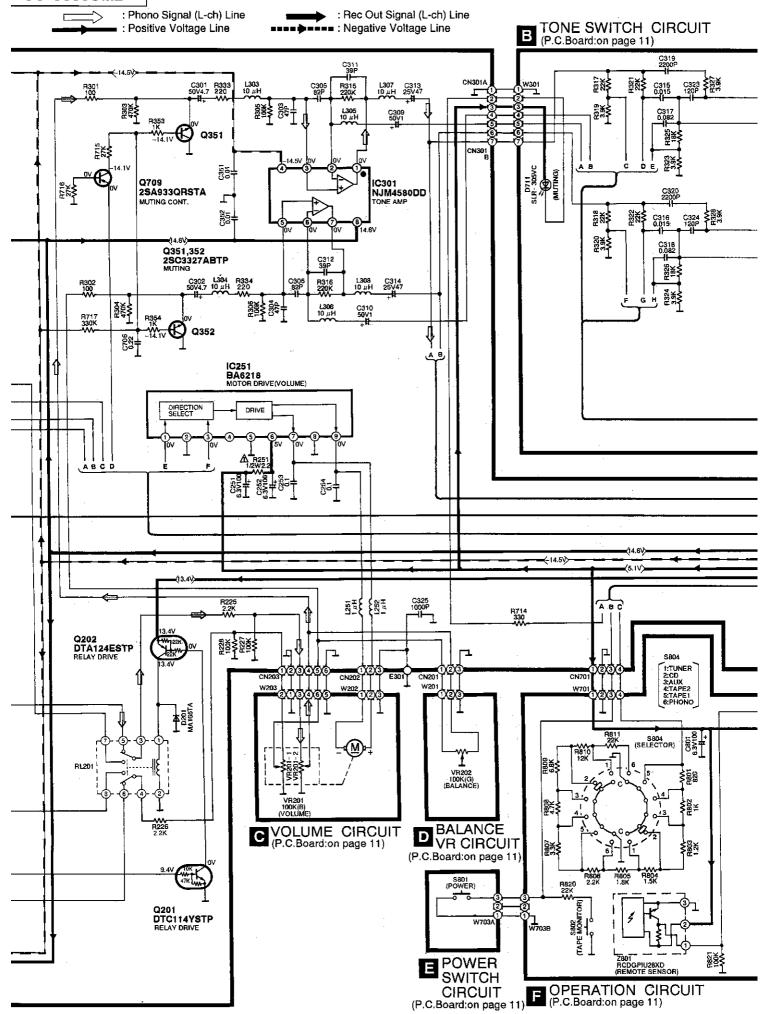
Ground the soldering iron.

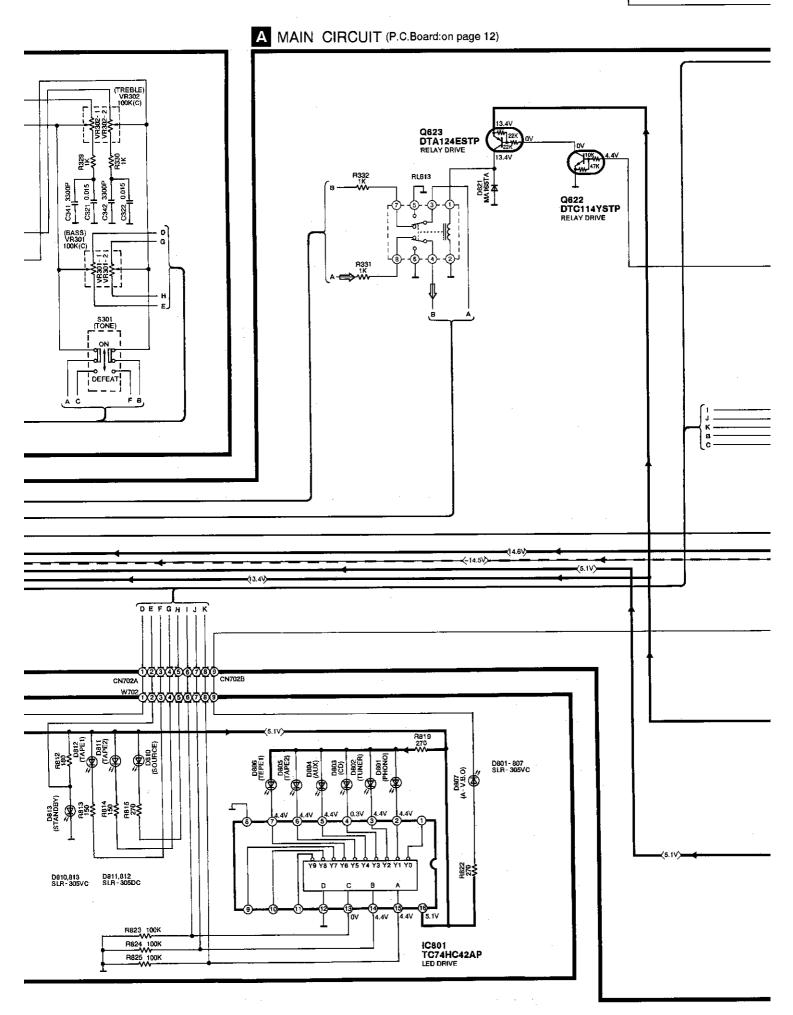
Put a conductive mat on the work table.

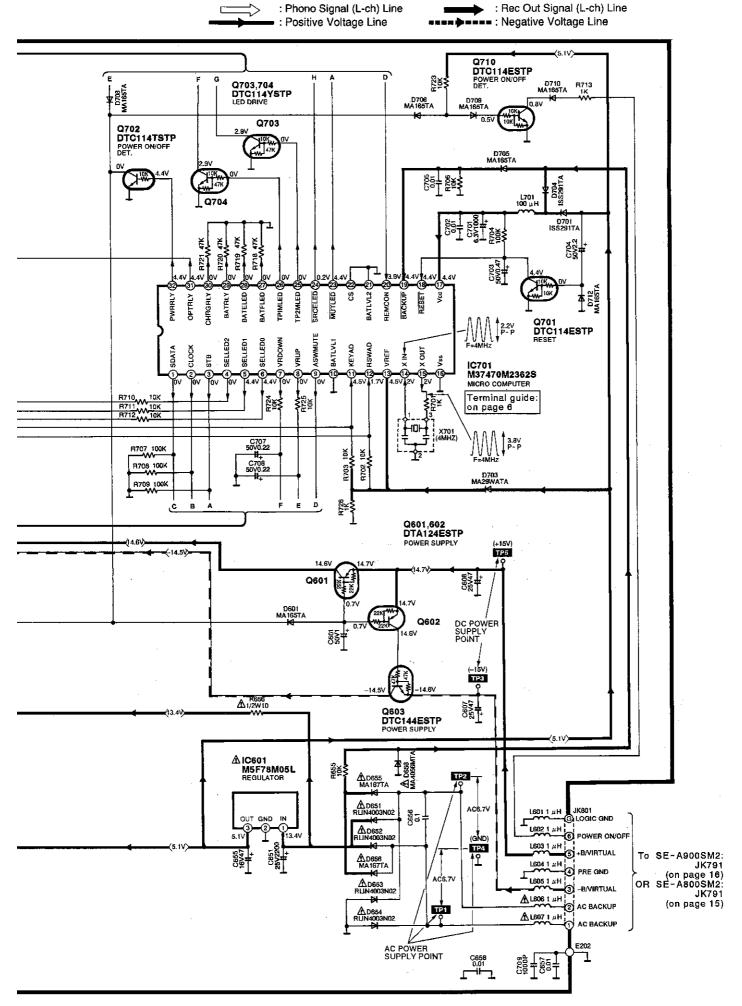
Do not touch the legs of IC or LSI with the fingers directly.







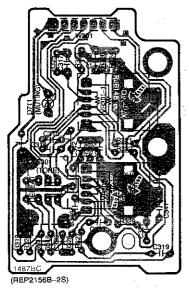




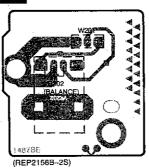
## ■ Printed Circuit Board Diagram

• This circuit board diagram may be modified at any time with the development of new technology.

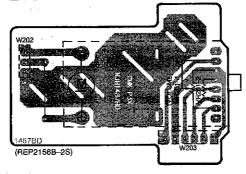




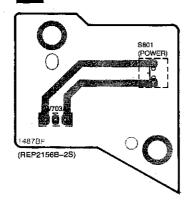
D BALANCE VR P.C.B.



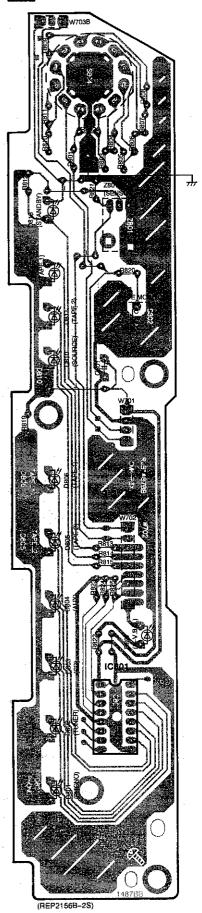
## C VOLUME P.C.B.

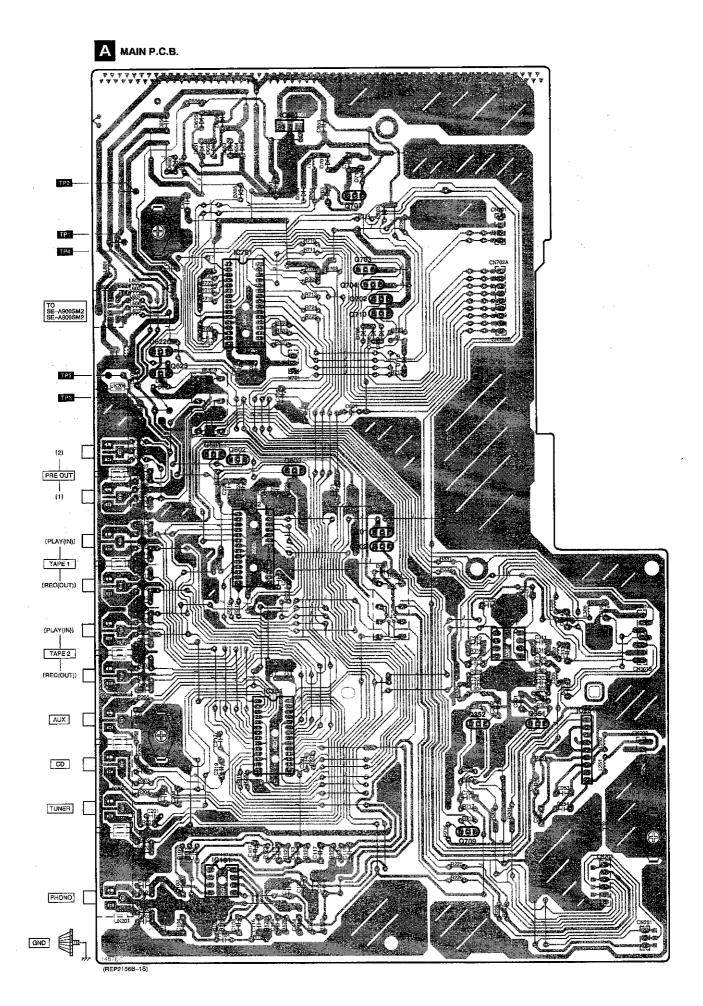


## POWER SWITCH P.C.B.





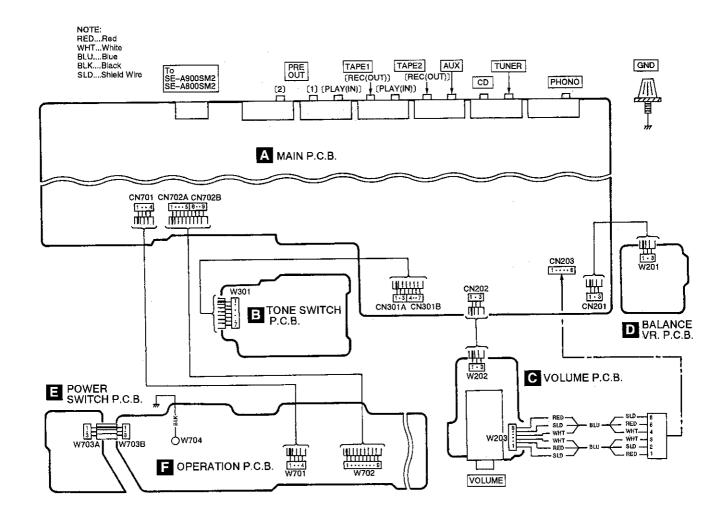




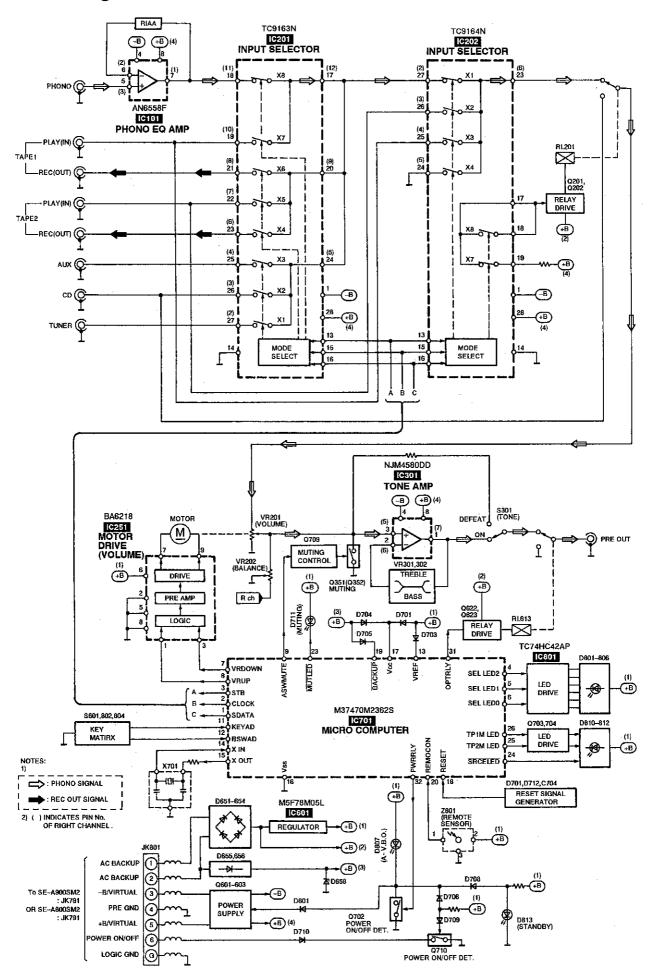
## ■ Type Illustration of IC's, Transistors and Diodes

NJM4580DD				BA6218	M5F78M05L
	TC TC	9163N 9164N	16Pin 28Pin 28Pin 32Pin	Some of the second	132
2SC3327-A	No.1	DTA124EST	ГР	RL1N4003N02	MA165 MA167 MA29WA
BCE	BCE	DTC114TS DTC114YS	ГР	Anode	Ca Cathode A
MA4056MTA	SLR-305DC SLR-305VC				
Ca Cathode Anode	Ca Cathode A Anode				
	2SC3327-A  BCE  MA4056MTA  Ca Cathode	2SC3327-A  BCE  MA4056MTA  SLR-305DC SLR-305VC  Ca Cathode A Cathode A Angele	TC74HC42AP TC9163N TC9164N M37470M2332S  DTA124EST DTC114EST DTC114TS DTC114YS DTC114YS DTC114YS DTC1144EST  MA4056MTA  SLR-305DC SLR-305VC  Ca Cathode A A Apode	TC74HC42AP 16Pin TC9163N 28Pin TC9164N 28Pin M37470M2332S 32Pin  DTA124ESTP DTC114ESTP DTC114TS DTC114TS DTC114YSTP DTC1144ESTP DTC144ESTP DTC144ESTP DTC144ESTP	TC74HC42AP 16Pin TC9163N 28Pin TC9164N 28Pin M37470M2332S 32Pin  BCE  DTA124ESTP DTC114ESTP DTC114TS DTC114YSTP DTC114YSTP DTC114YSTP DTC144ESTP DTC144EST

## **■** Wiring Connection Diagram



## **■** Block Diagram



## ■ Replacement Parts List (Electrical)

Notes: \*Important safety notice:

Components identified by △ mark have special characteristics important for safety.

Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used.

When replacing any of components, be sure to use only manufacture's specified parts shown in the parts list.

\*The parenthesized indications in the Remarks columns specify the areas. (Refer to the cover page for area.)

Parts without these indications can be used for all areas.

\*[M] Indicates in Remarks columns parts that are supplied by MESA.

Ref. No.	Part No.	Part Name & Description	Remarks	Ref. No.	Part No.	Part Name & Description	Remarks
		INTEGRATED CIRCUIT(S)				VARIABLE RESISTOR(S)	
C101	AN6558F	IC	[MO	VR201	EUWMGEF20B15	V. R	CMO
C201	TC9163N	IC	CMO	VR202	EVJ02QF02G15	V. R	[M]
	TC9164N	IC	[M]	VR301, 302	EVJYA1F02C15	V. R	[M]
C251	BA6218	IC	[M]				
C301	NJM4580DD	IC	DXO			COMPONENT COMBINATION (S)	
IC601.∕∆	M5F78M05L	IC	[M]				
IC701	M37470M2362S	IC	(M)	Z801	RCDGP1U28XD	REMOTE SENSOR	CMO
IC801	TC74HC42AP	IC	[M]				
						COIL(S)	
		TRANSISTOR(S)					
,				L251, 252	ELEXT1ROKA9	COIL	EMO
Q201	DTC114YSTP	TRANSISTOR	[M]	L301-308	RLQA100JT-Y	COIL	040
Q202	DTA124ESTP	TRANSISTOR	[M]	L309, 310	BLO2RN1R62T2	COIL	[M]
Q351, <b>35</b> 2	2SC3327-A	TRANSISTOR	[M]	L311, 312	RLQA100JT-Y	COIL	[M]
Q601, 602	DTA124ESTP	TRANSISTOR	[M]	L606, 607∆	ELEXT1ROKA9	COIL	CMO
Q603	DTC144ESTP	TRANSISTOR	(M)	L701	ELEXT101KA9	COIL	[M]
Q622	DTC114YSTP	TRANSISTOR	[M]				
Q623	DTA124ESTP	TRANSISTOR	[M]			OSCILLATOR (S)	
Q701	DTC114ESTP	TRANSISTOR	[M]				
Q702	DTC114TS	TRANSISTOR	[M]	X701	EFOGC4004A4	OSCILLATOR	[M]
Q703, 704	DTC114YSTP	TRANSISTOR	[M]				
Q709	2SA933QRSTA	TRANSISTOR	CMO:			SWITCH(ES)	
Q710	DTC114ESTP	TRANSISTOR	[M]				
				S301	ESB68047	SW	CMO
		DIODE(S)		S801, 802	EVQPTD05Q	SW	[MO]
				S804	RSR9A001-A	SW	[MO
D201	MA165	DIODE	[M]				
D601	MA165	DIODE	[M]			CONNECTOR (S)	
D621	MA165	DIODE	[M]				
D651-654∆	RL1N4003N02	DIODE	(M)	CN201, 202	RJS1A6603	CONNECTOR (3P)	(M)
D655, 656 <u>∧</u>	MA167	DIODE	[MO	CN203	SJT3611	CONNECTOR (6P)	CMO
D658 <u></u>	MA4056MTA	DIODE	[M]	CN701	RJS1A6604	CONNECTOR (4P)	[M]
D701	1SS291TA	DIODE	[M]	CN301A	RJS1A6603	CONNECTOR (3P)	[MJ
D703	MA29WA	DIODE	[M]	CN702A	RJS1A6605	CONNECTOR (5P)	[M]
D704	1SS291TA	DIODE	EMO	CN301B	RJS1A6604	CONNECTOR (4P)	(MO_
D705, 706	MA165	DIODE	[MO	CN702B	RJS1A6604	CONNECTOR (4P)	DMO
D708-710	MA165	DIODE	[M]				
D711	SLR-305VC	LED	£MO			EARTH TERMINAL (S)	
D712	MA165	DIODE	[M]				
D801-807	SLR-305VC	LED	[M]	E201, 202	SNE1004-2	EARTH TERMINAL	[M]
D810	SLR-305VC	DIODE	[M]	E301	SNE1004-2	EARTH TERMINAL	CMO
D811, 812	SLR-305DC	LED	CMO				
D813	SLR-305VC	LED	EMO			RELAY (S)	

## ■ Replacement Parts List (Cabinet)

Ref. No.	Part No.	Part Name & Description	Remarks		
RL201	RSY0020M-R	RELAY	(M)		
RL613	RSY0020M-R	RELAY	(M)		
		JACK (S)			
JK201	SJF3069-11N	TERMINAL, PHONO	[M]		
JK202	SJF3069N	TERMINAL, TUNER/CD	[M]		
JK203	SJF3069N	TERMINAL, AUX/TAPE2/REC OUT	(M)		
JK204	SJF3069N	TERMINAL, TAPE1/TAPE2	[M]		
JK205	SJF3069N	TERMINAL, TAPE1/PRE OUT1	[M]·		
JK206	SJF3069-11N	TERMINAL, PRE OUT2	[M]		
JK801	RJS1D0706	SOCKET, SYSTEM	[MO		
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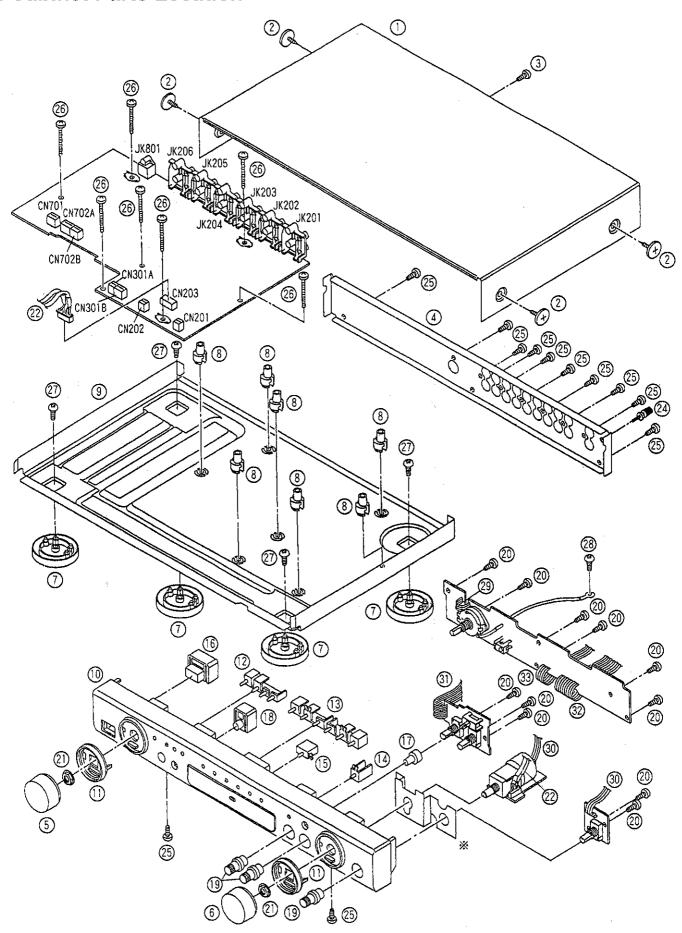
Ref. No.	Part No.	Part Name & Description	Rema rks	
		CABINET PARTS		
[	RKM0032-K	CABINET	[M]	
2	RHD30035-K1	SCREW	[M]	
}	XTBS3+8JFZ1	SCREW	(M)	
<u> </u>	RGR0224D-AA	REAR PANEL	[M]	
<u>.                                    </u>	RGW0229-K	KNOB	(M)	
<u> </u>	RGW0230-K	KNOB, VOLUME	[M]	
1	RKA0053-A	FOOT	[M]	
3	RKQ0089-2	P. C. B. SUPPORT	EMO	
)	RMK0035-6	CHASSIS	[M]	
 10	RFKGUC860UME	FRONT PANEL ASS' Y		
11	RGKO747-N	ORNAMENT LING	[M]	
12	<del>                                     </del>	<del> </del>	[M]	
13	RGL0296-Q	PANEL LIGHT (A) PANEL LIGHT (B)	[M]	
13 14	RGL0297-Q	<del>                                     </del>	[M]	
14 15	RGL0298-Q RGL0299-Q	PANEL LIGHT (C)	[M]	
	<del></del>	PANEL LIGHT (D)	[M]	
16	RGU0882-K	BUTTON, POWER	[M]	
17	RGU1207~K	BUTTON, TONE	[M]	
18	RGU1271-K	BUTTON, MONITOR	CMO	
.9	RGW0205-K	BUTTON, BALANCE	[MG	
20	RHD26017	SCREW	[M]	
21	RHN90001	NUT	(M)	
22	REX0759	WIRE ASS' Y	TMO	
24	SNE2123	SCREW	(M)	
25	XTBS3+8JFZ1	SCREW	[M]	
26	XTB3+20JFZ	SCREW	[M]	
27	XTB3+6G	SCREW	[M]	
28	XTB3+6JFZ	SCREW	[M]	
29	RWJ1803040KK	FLAT CABLE (3P) (W703)	DMO	
30	RWJ3903170KQ	FLAT CABLE (3P) (W201/W202)	[M]	
31	RWJ3907170KQ	FLAT CABLE (7P) (W301)	[M]	
32	RWJ1809180KX	FLAT CABLE (9P) (W702)	[M]	
13	RWJ1804180KX	FLAT CABLE (4P) (W701)	(M)	
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## ■ Replacement Parts List (Resistors and Capacitors)

Notes: \* Capacity values are in microfarads (uF) unless specified otherwise, P-Pico-farads (pF) F=Farads (F)
\* Resistance values are in ohms, unless specified otherwise, 1K=1,000 (OFM), 1M=1,000k (OFM)

Ref. No.	Part No.	Values & Remarks	Ref. No.	Part No.	Values & Remarks	Ref. No.	Part No.	Values & Remarks
			R802	ERDS2FJ102	1/4W 1K [M]	C313, 314	ECA1EPX470TB	25V 47U [M]
		RESISTORS	R803	ERDS2FJ122	1/4W 1.2K [M]	C315, 316	ECBT0J153MS5	6.3V 0.015U [M]
			R804	ERDS2FJ152	1/4W 1.5K DMJ	C317, 318	ECQV1H823JM3	50V 0.082U [M]
R101, 102	ERDS2FJ102	1/4W 1K [M]	R805	ERDS2FJ182	1/4W 1.8K [M]	C319, 320	ECBT1C222KR5	16V 2200P [M]
R103, 104	ERDS2FJ224	1/4W 220K [M]	R806	ERDS2FJ222	1/4W 2.2K [M]	C321, 322	ECBTOJ153MS5	6.3V 0.015U [M]
R105, 106	ERDS2F J563	1/4W 56K [M]	R807	ERDS2FJ332	1/4W 3, 3K [M]	C323, 324	ECBT1H121KB5	50V 120P [M]
R117, 118	ERDS2FJ221	1/4W 220 [M]	R808	ERDS2FJ472	1/4W 4.7K [M]	C325	ECBT1H102KB5	50V 1000P [M]
R123, 124	ERDS2FJ680	1/4W 68 [M]	R809	ERDS2FJ682	1/4W 6.8K [M]	C327, 328	ECKR1H331KB5	50V 330P [M]
R12 <b>5,</b> 126	ERDS2FJ123	1/4W 12K [M]	R810	ERDS2FJ123	1/4W 12K [M]	C341, 342	ECBT1C332KR5	16V 3300P [M]
R127, 128	ERDS2FJ184	1/4W 180K [M]	R811	ERDS2FJ223	1/4W 22K [M]	C351, 352	ECKR1H103ZF5	50V 0.01U [M]
R129, 130	ERDS2FJ563	1/4W 56K [M]	R812	ERDS2FJ181	1/4W 180 DMJ	C601	ECEA1HKA010B	50V 1U [M]
R131, 132	ERDS2FJ102	1/4W 1K [M]	R813, 814	ERDS2FJ151	1/4W 150 [M]	C607, 608	ECA1EPXS470B	25V 47Ú [M]
R201-214	ERDS2FJ102	1/4W 1K [M]	R815	ERDS2FJ271	1/4W 270 DMJ	C651	ECA1EM222E	25V 2200U [M]
R215-217	ERDS2FJ103	1/4W 10K [M]	R819	ERDS2FJ271	1/4W 270 [M]	C655	RCE1CKA470BG	16V 47U [M]
R219-221	ERDS2FJ103	1/4W 10K [M]	R820	ERDS2FJ223	1/4W 22K [M]	C656	ECQV1H104JM3	50V 0.1U [M]
R222, 223	ERDS2FJ102	1/4W 1K [M]	R821	ERDS2FJ104	1/4W 100K [M]	C657, 658	ECKR1H103ZF5	50V 0.01U [M]
R224	ERDS2FJ472	1/4W 4.7K [M]	R822	ERDS2FJ271	1/4W 270 DMD	C701	ECAOJM1028	6.3V 1000U [M]
R225, 226	ERDS2FJ222	1/4W 2.2K [M]	R823-825	ERDS2FJ104	1/4W 100K [M]	C702	ECBT1C103NS5	16V 0.01U [M]
R227, 228	ERDS2FJ104	1/4W 100K [M]				C703	RCE1HKAR47BG	50V 0.47U [M]
R251 <u>/</u> ∆	ERDS1FJ2R2	1/2W 2.2 [M]	<u></u>		CAPACITORS	C704	ECEA1HKA2R2B	50V 2, 2U [M]
R301, 302	ERDS2FJ101	1/4W 100 [M]				C705	ECBT1C103NS5	16V 0.01U [M]
R303, 304	ERDS2FJ474	1/4W 470K [M]	C101, 102	ECBT1H181KB5	50V 180P [M]	C706	ECQV1H224JM3	50V 0. 22U [M]
R305, 306	ERDS2FJ104	1/4W 100K [M]	C103, 104	ECA1HPXS4R7B	50V 4.7U [M]	C707, 708	ECEA1HKAR22B	50V 0. 22U [M]
R315, 316	ERDS2FJ224	1/4W 220K [M]	C107, 108	RCE1AKA330BG	10V 33U (M)	C709	ECBT1H102KB5	50V 1000P [M]
R317, 318	ERDS2FJ223	1/4W 22K [M]	C113, 114	ECQB1H682JF3	50V 6800P [M]	C801	ECEAOJKA1018	6. 3V 100U [M]
R319, 320	ERDS2FJ392	1/4W 3.9K [M]	C115, 116	ECQB1H223JF3	50V 0. 022U DMD			
R321, 322	ERDS2FJ223	1/4W 22K [M]	C117, 118	ECEA1VKA4R7B	35V 4.7U DMD			
R323, 324	ERDS2FJ392	1/4W 3.9K [M]	C119, 120	ECQB1H472JF3	50V 4700P DMD			
R325, 326	ERDS2FJ183	1/4W 18K [M]	C121, 122	ECKR1H103ZF5	50V 0.01U 0MO			
R327, 328	ERDS2FJ392	1/4W 3.9K [M]	C123, 124	ECBT1H102KB5	50V 1000P (M)			
R329-332	ERDS2FJ102	1/4W 1K [M]	C201, 202	ECBT1H101KB5	50V 100P DMD			
R333, 334	ERDS2FJ221	1/4W 220 [M]	C203, 204	ECKT1H101KB	50V 100P DMD	-		
R353, 354	ERDS2FJ102	1/4W 1K [M]	C205-208	ECBT1H101KB5	50V 100P [M]		-	
R655	ERDS2FJ103	1/4W 10K [M]	C209, 210	ECKT1H101KB	50V 100P DMD		<del>                                     </del>	
R656∆\	ERDS1FJ100	1/2W 10 [M]	C211, 212	ECBT1H101KB5	50V 100P DMD			
R701	ERDS2FJ102	1/4W 1K [M]	C213, 214	ECKT1H101KB	50V 100P DMD	<b> </b>		
R702, 703	ERDS2FJ103	1/4W 10K [M]	C215	ECBT1H101KB5	50V 100P DM		ļ	
R704	ERDS2FJ104	1/4W 100K [M]	C217, 218	ECBT1E103ZF	25V 0.01U [M]			
R706	ERDS2FJ103	1/4W 10K [M]	C217, 218	RCE1HKA4R7BG	50V 4. 7U DM		+	<u> </u>
R707-709	ERDS2FJ104	1/4W 100K [M]	C221	ECBT1H101KB5	50V 4.70 DM			
R710-712	ERDS2FJ103	1/4W 10K [M]	C223, 224	RCE1HKA4R7BG	50V 100P (M)	-		
R713	ERDS2FJ102	1/4W 1K [M]	C225, 224 C225, 226	ECBT1E103ZF	25V 0.01U [M]			
R714	ERDS2FJ331	1/4W 330 [M]	C251, 252	ECEAOJKA101B	6. 3V 100U [M]			
R715, 716	ERDS2FJ273	1/4W 27K [M]	C251, 252 C253, 254	ECQV1H104JM3	50V 0. 1U (M)	<del> </del>		
R717	ERDS2FJ334	1/4W 330K [M]	C301, 302	ECQV111043113 ECA1HPXS4R7B	58V 4.7U [M]			
R718-721	ERDS2FJ334	1/4W 47K [M]	C303, 304	ECCR1H470JC5				
R723-725	ERDS2FJ103	1/4W 10K [M]	<del></del>	<del></del>			1	
R725	ERDS2FJ103	<del>                                     </del>	C305, 306 C309, 310	ECCR1H820JC5	<del></del>	ļ		
	-	<del></del>	<b> </b>	ECA1HPXS010B	ļ			
R801	ERDS2F J821	1/4W 820 [M]	C311, 312	ECCR1H390JC5	50V 39P [M]	J		]

## **■** Cabinet Parts Location



We do not supply the item of the part marked X.