



HITACHI HI-FI COMPONENT STEREO RECEIVER MODEL SR-1100 SERVICE MANUAL

No. 38

1972

1. SPECIFICATIONS

Circuitry FM-AM 2 Band Super-heterodyne
Semi-conductor IC : 6
FET : 3
Transistor : 49
Diode : 47

TUNERS

FM Frequency range	88–108 MHz
Sensitivity (IHF).....	1.6μV
Image rejection	85 dB
IF rejection.....	100 dB
Total harmonic distortion	Monaural 0.3%
	Stereo 0.8%
Signal-to-noise ratio	70 dB
Selectivity (IHF)	65 dB
Channel separation	42 dB
Capture ratio	0.8 dB

AM Frequency range	530—1,605 kHz
Sensitivity (IHF)	10 μ V
Image rejection	73 dB
IF rejection	76 dB
Selectivity	40 dB

AUDIO-FREQUENCY SECTION

Music power (IHF)	140W (8Ω)
RMS power	55/55W (8Ω)
Total harmonic distortion	0.5%
Frequency response	20–50,000 Hz
Input sensitivity (at an output 1 kHz, 40W)	

* The numerals in parentheses show input impedances.

PHONO LOW	1.8 mV (50 k Ω)
PHONO HI	4.0 mV (50 k Ω)
MIC	2.0 mV (45 k Ω)
AUX	125 mV (60 k Ω)
TAPE MONITOR	500 mV (more than 50 k Ω)

(Pin jack)

TAPE MONITOR (DIN).....	500 mV (more than 50 k Ω)
MAIN IN	800 mV (50 k Ω)
Channel separation	
PHONO	55 dB
AUX	60 dB
Hum and noise (IHF)	
PHONO LOW	65 dB
PHONO HI	70 dB
AUX	85 dB
Load impedance	4–16 Ω
Damping factor	50 (8 Ω)
Equalizer characteristic	RIAA ± 0.5 dB
Bass control	± 16 dB (50 Hz)
Treble control	± 16 dB (15 kHz)
Loudness control	+10 dB (50 Hz) +4 dB (10 kHz) (–30 dB volume)
High filter	–10 dB (10 kHz)
Low filter	–8 dB (50 Hz)

POWER SUPPLY

Power requirements	AC 120V, 60 Hz
Power consumption	190W

DIMENSIONS 17⁵/₈(W) × 5³/₈(H) × 13(D) in.
(446 × 137 × 330 mm)

WEIGHT 27.8 lbs. (12.6 kg)

ACCESSORY CIRCUITS

FM sensitivity switch, strength meter, tuning meter, FM stereo indicator, FM antenna terminal, AM bar antenna, FM muting switch, loudness switch, low filter switch, high filter switch, tape monitor switch, DIN connector, headphone jack, mic input jack, phono sensitivity switch, pre-amplifier output terminal, main amplifier input terminal.

*The above specifications are subject to changes for improvement without notice.

2. FEATURES

1. This receiver is highly sensitive and there's no interference, because the 2-stage amplification of high frequency and 3-FET are adopted at the front end of the FM tuner section.
2. The 2-stage crystal filters of sharp characteristic and 3 integrated circuits are used at the intermediate frequency amplification section in the FM tuner for further improving the selectivity characteristic and distortion characteristic.
3. The FM stereo multiplex circuit switches automatically for stereo and monaural receptions, so that FM stereo programs can always be received stably.
4. The strength meter and tuning meter indicate the correct and accurate tuning point.
5. The FM muting circuit enables the optimum reception without interstation noise at both high and low radio field strengths simply by operating the function switch.
6. Noise has been reduced to the minimum and S/N (Signal-to-Noise) ratio has been further improved by the adoption of Hitachi's high-performance, low-noise type hybrid IC (Integrated Circuits) in the equalizer and MIC section.
7. Since the tone control uses the NF type step-system, clear tone effect can be enjoyed.
8. It is possible to use this model for various purposes, because the SR-1100 is equipped with a pre-main detachable terminal.
9. Complementary ITL, OTL circuits of constant current drive system and Hitachi high-performance silicone transistors have realized the lowest distortion and minimum noise.
10. An electronic protection circuit is adopted for safety use.
11. The one-touch system of speaker connection terminal makes speaker connection easier.

3. FRONT AND REAR PANEL

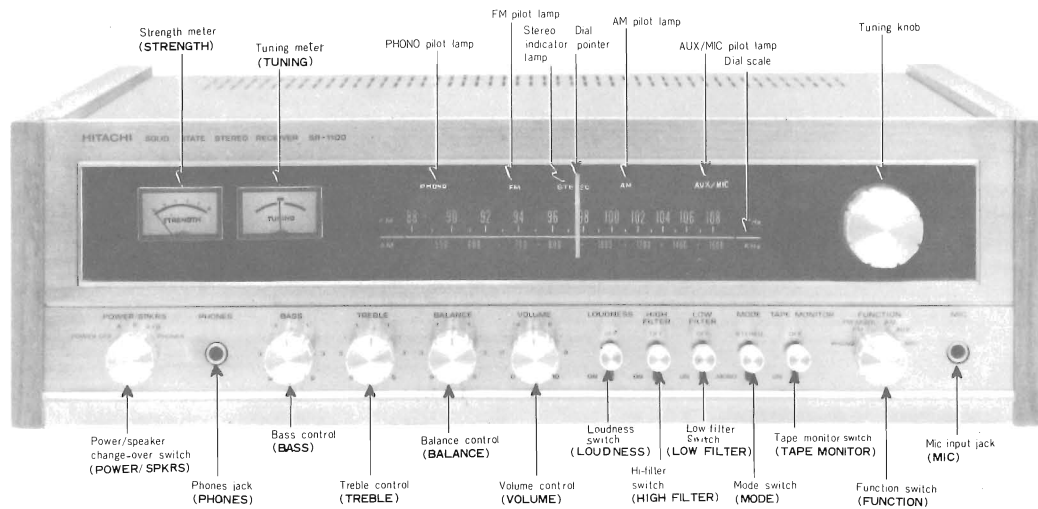


Fig. 1

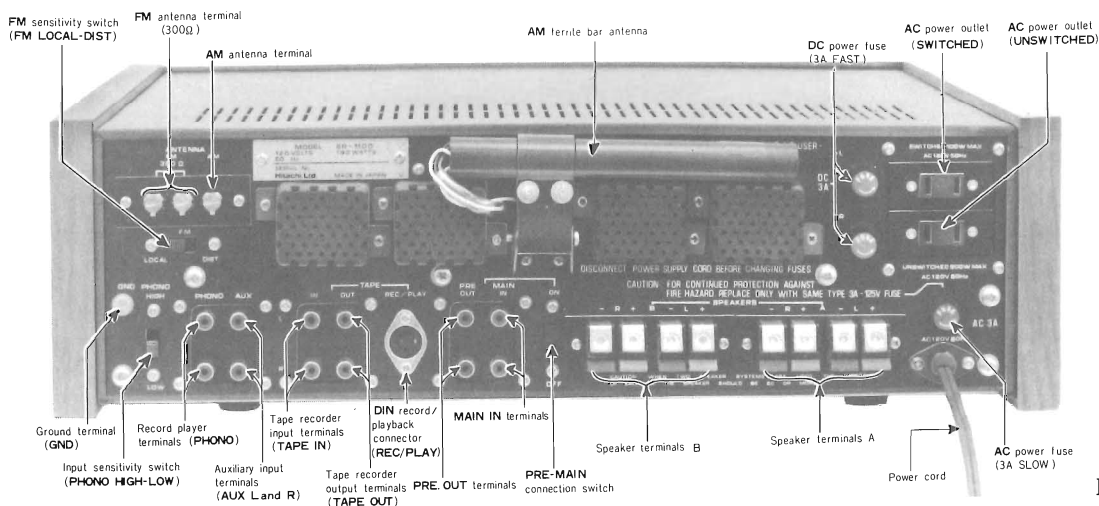


Fig. 2

4. GENERAL ALIGNMENT INSTRUCTION

4-1 FM TUNER ALIGNMENT

Steps	Item	Measuring Instrument	Input Terminal	Output Terminal	Frequency	Adjust	Wave Form
1	IF Amplifier	10.7MHz $\pm$ 150kHz Sweep Generator	TP1 (See FM FRONTEND)	TP2 (See FM-IF BOARD)		(A) T202(top core) (B) T101(top & bottom cores) (C) T202(bottom core) (D) T202(top core)	(Fig. 4) Gain Max. Gain Max.,(Fig. 4) (Fig. 3)
2	Covering	2.1 FM signal generator 90MHz 400Hz 100% modulated 2.2 FM signal generator 106MHz 400Hz 100% modulated Repeat (2.1) & (2.2)	Antenna terminal Antenna terminal	TAPE OUT TAPE OUT	90MHz (Tune the Dial Pointer at 90MHz) 106MHz (Tune the Dial Pointer at 106MHz)	L106 TC102	Output Max. Output Max.
3	Tracking	3.1 FM signal generator 90MHz 400Hz 100% modulated 3.2 FM signal generator 106MHz 400Hz 100% modulated Repeat (3.1) & (3.2)	Antenna terminal Antenna terminal	TAPE OUT TAPE OUT	90MHz 106MHz	L101, L103, L105 TC103,TC104,TC105	Output Max. Adjust the core of L103 at the position of Fig.7. Output Max.
4	Neutralizing		Antenna terminal	TAPE OUT		TC101, TC1	Set TC101 as shown in Fig.6 and adjust TC103 to gain a tracking. Short-circuit the FM antenna terminal to ascertain if the amplitude shown in Fig.6 is occurring on all bands. If it is occurring, adjust TC101 to the point where any amplitude is not occurring to regain tracking and ascertain the amplitude again.
5	Output	FM signal generator 98MHz 400Hz 100% modulated, 60dB at input	Antenna terminal	TAPE OUT	98MHz	VR201	Adjust the output to gain 1.0V $\pm$ 2dB.
6	Strength Meter	FM signal generator 98MHz 400Hz 100% modulated, 60dB at input	Antenna terminal	Strength Meter	98MHz	VR203	Adjust VR203 so that the deviation of meter will be 4 $\pm$ 0.25.
7	Tuning Meter			Tuning Meter		T202(top core)	Set the dial pointer to 98MHz and set the pointer of the tuning meter to the center when there is no input signal.
8	FM Muting	FM signal generator 98MHz 400Hz 100% modulated, 20dB at input	Antenna terminal	TAPE OUT	98MHz	VR202	Adjust VR202 so that a signal can occur then the input signal is 20 $\pm$ 6dB.

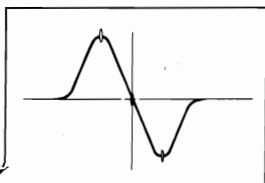


Fig. 3

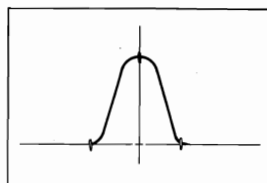


Fig. 4

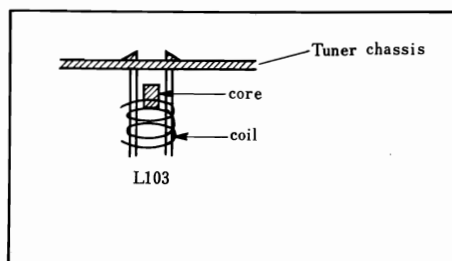


Fig. 5

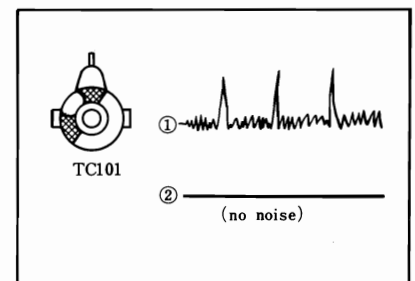


Fig. 6

MODEL SR-1100 SERVICE MANUAL

4-2 FM MPX ALIGNMENT

Steps	Item	Measuring Instrument	Input Terminal	Output Terminal	Frequency	Adjust	Wave Form
1	67kHz Trap	FM signal generator 98MHz 67kHz 100% modulated	Antenna terminal	TP3 (See FM MPX BOARD)	98MHz	L301	Min.
2	71kHz Trap	FM signal generator 98MHz 71kHz 100% modulated	Antenna terminal	TP3 (See FM MPX BOARD)	98MHz	L303	Min.
3	19kHz Trap	FM signal generator 98MHz pilot signal (19kHz) 8% modulated	Antenna terminal	TP3 (See FM MPX BOARD)	98MHz	L304	Min.
4	VR301: Turn right to the full.						
5	19kHz Tuning coil	5.1 FM signal generator 98MHz 60dB at input 5.2 Stereo signal generator pilot signal (19kHz) 8% modulated	Antenna terminal	TP4 (See FM MPX BOARD)	98MHz	L302, T301	Max.
6	19kHz 38kHz Tuning coil	6.1 FM signal generator 98MHz, 60dB at input 6.2 Stereo signal generator pilot signal (19kHz) 8% modulated	Antenna terminal	TP5 (See FM MPX BOARD)	98MHz	T302, T303	Max.
7	Separation	7.1 FM signal generator 98MHz, 60dB at input 7.2 Stereo signal generator composite signal (L) 100% modulated	Antenna terminal	TAPE OUT	98MHz	T302 VR303	1) Adjust T302 so that the Output wave form of L-side becomes max. 2) Optimize VR303 so that the Output wave form of R-side becomes min.
8	Lighting Level of STEREO Indicator Lamp	8.1 FM signal generator 96MHz, 60dB at input 8.2 Stereo signal generator pilot signal (19kHz) 6±0.5% modulated	Antenna terminal	STEREO Indicator Lamp	98MHz	VR301	Adjust VR301 so that stereo indicator lamp will light when the modulation degree of pilot signal is 6±0.5%.

4-3 AM TUNER ALIGNMENT

Steps	Item	Measuring Instrument	Input Terminal	Output Terminal	Frequency	Adjust	Wave Form
1	IF Amplifier	455kHz±10kHz Sweep generator	TP6 (See AM BOARD)	TP7 (See AM BOARD)		(A) T405 (B) T404 (C) T403	Gain Max. Gain Max., (Fig. 4) Gain Max., (Fig. 4)
2	Covering	2.1 AM signal generator 515kHz 1000Hz 30% modulated 2.2 AM signal generator 1650kHz 1000Hz 30% modulated Repeat(2.1) & (2.2)	Ferrite antenna Ferrite antenna	TAPE OUT TAPE OUT	515kHz 1650kHz	T402 TC2	Output Max. Output Max.
3	Tracking	2.1 AM signal generator 600kHz 1000Hz 30% modulated 2.2 AM signal generator 1400kHz 1000Hz 30% modulated	Ferrite antenna Ferrite antenna	TAPE OUT TAPE OUT	600kHz 1400kHz	L1, T401 TC1, TC3	Output Max. Output Max.
4	Output	AM signal generator 1000kHz 1000Hz 30% modulated 74dB at input	Ferrite antenna	TAPE OUT	1000kHz	VR402	Adjust the output to gain 500mV±2dB
5	Strength Meter	AM signal generator 1000kHz 1000Hz 30% modulated 74dB at input	Ferrite antenna	strength meter	1000kHz	VR401	Adjust VR401 so that pointer of meter will deviate between 3.5 and 4.

4-4 AUDIO CIRCUIT ALIGNMENT

Steps	Item	Measuring Instrument	Point to be Measured	Adjust	Value Adjusted
1	Idle Current	DC volt meter (30mV range)	connect (+) terminal of DC volt meter to TP8 connect (-) terminal of DC volt meter to TP9	VR702	Steady state: 15±5mV
		VR802(TP8', TP9') : Adjust similarly			
2	VQ Voltage	DC volt meter (100V range)	connect (+) terminal of DC volt meter to TP9 connect (-) terminal of DC volt meter to chassis	VR701	37V
		VR801(TP9', chassis) : Adjust similarly			

The diagram illustrates the physical layout of the equipment. On the left, the 'REAR PANEL' is shown with two test points, TP8 and TP9, located on a horizontal strip. Below this, the 'MAIN AMPLIFIER BOARD (L)' is shown with potentiometers VR701 and VR702. On the right, the 'MAIN AMPLIFIER BOARD (R)' is shown with potentiometers VR801 and VR802. Above these boards, two more test points, TP8' and TP9', are indicated on a horizontal strip, corresponding to the locations of TP8 and TP9 respectively.

Fig. 7

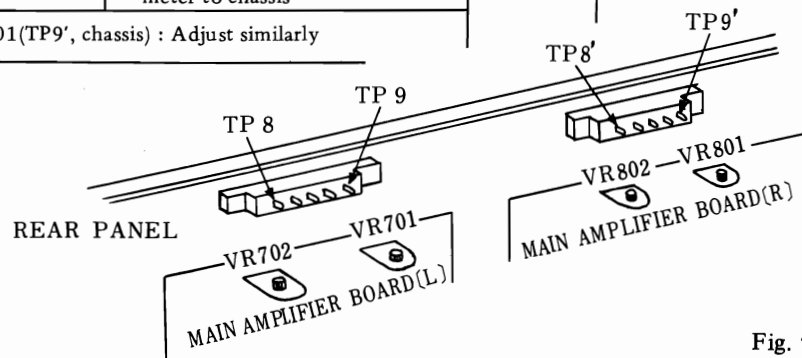


Fig. 7

5. DIAL CORD SETTING

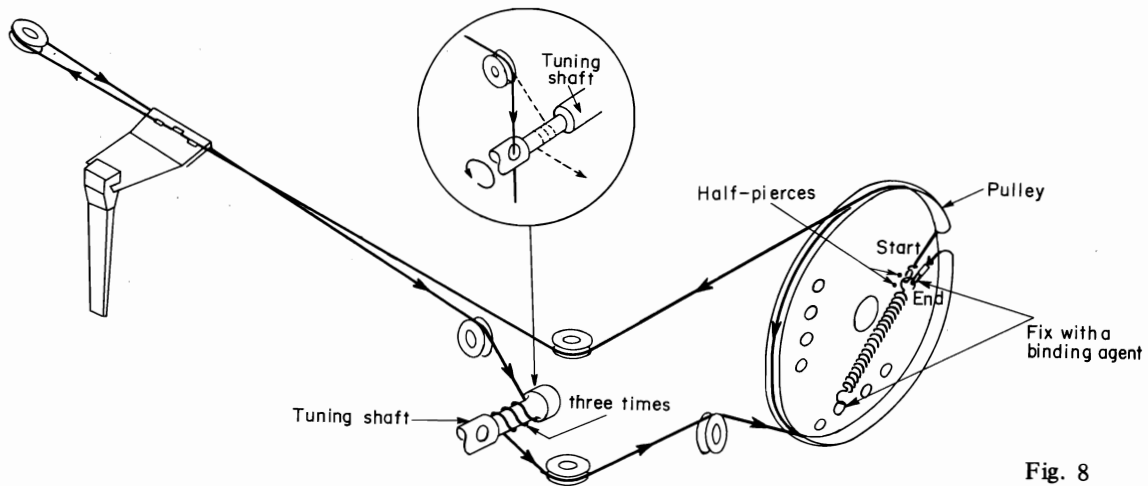
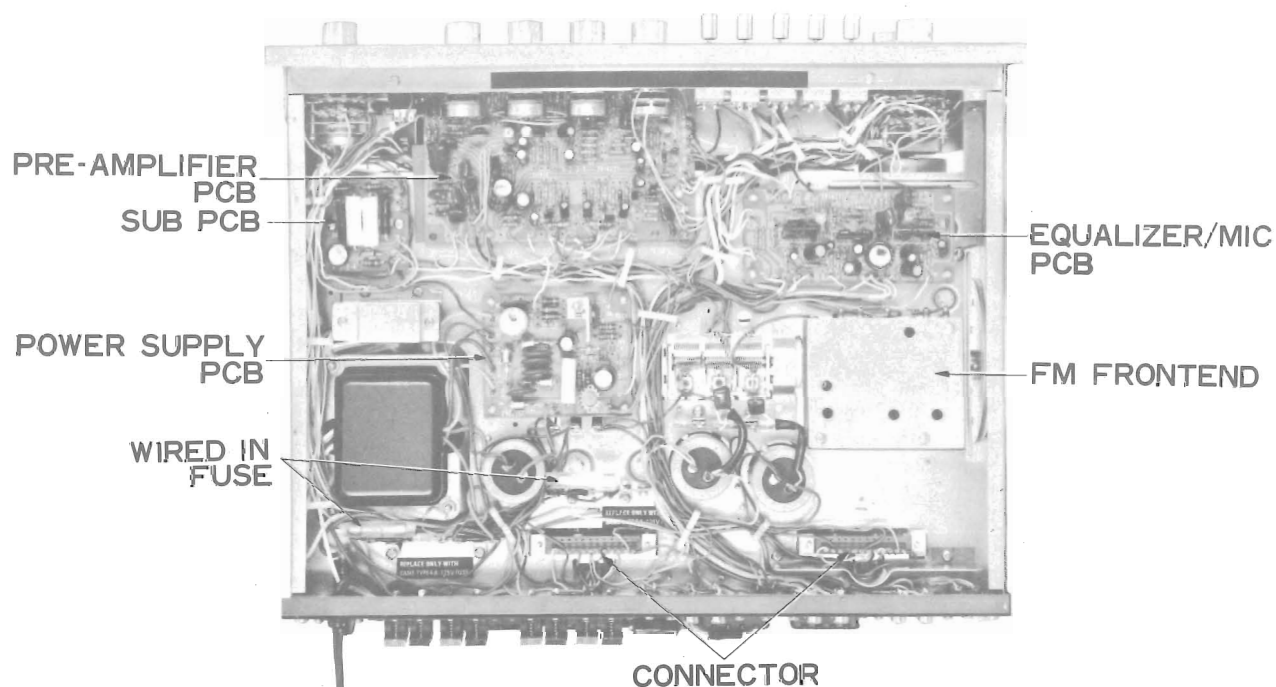
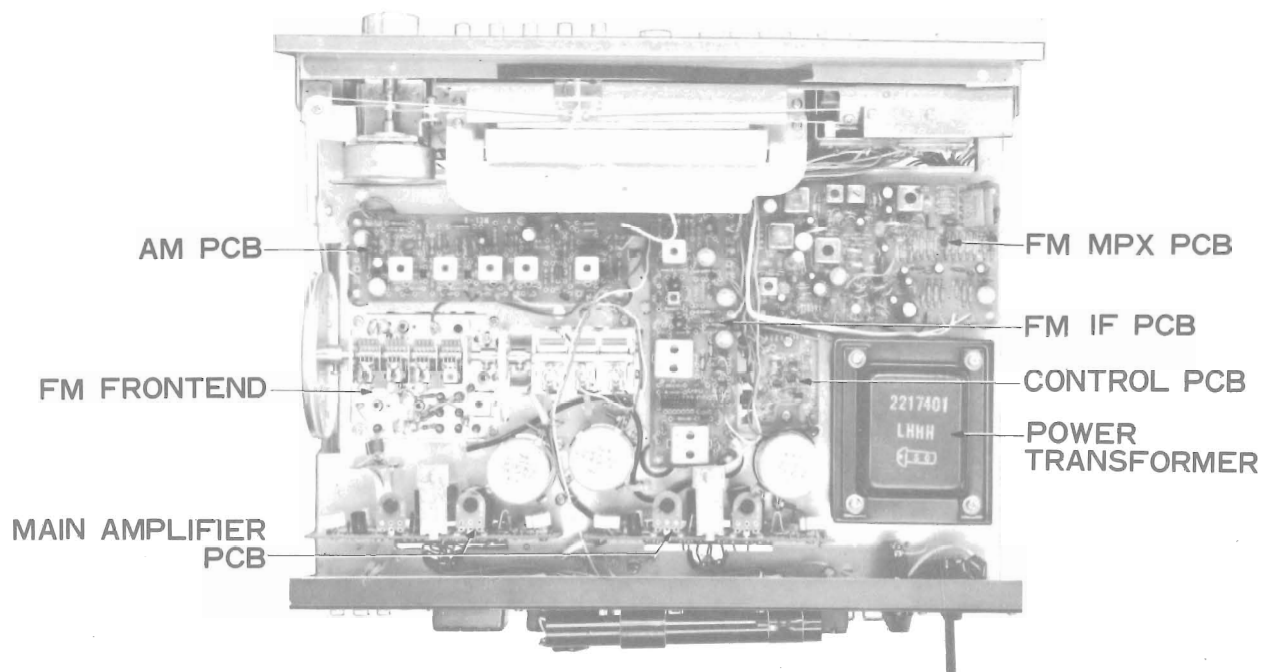


Fig. 8

NOTE.

1. Pass the dial cord with the variable condenser closed. The figure above shows the correct condition before threading.
2. Turn the dial cord one time around the pulley, before tying the cord end to the spring.
3. How to pass the dial cord around the tuning shaft is shown in the figure above. Pass the dial cord through the hole of the tuning shaft and turn the dial cord around the shaft 3 times in the arrow direction. After that, remove it.
4. Adjust the spring so that the hook's tip of the spring will be between the two half-pieces.

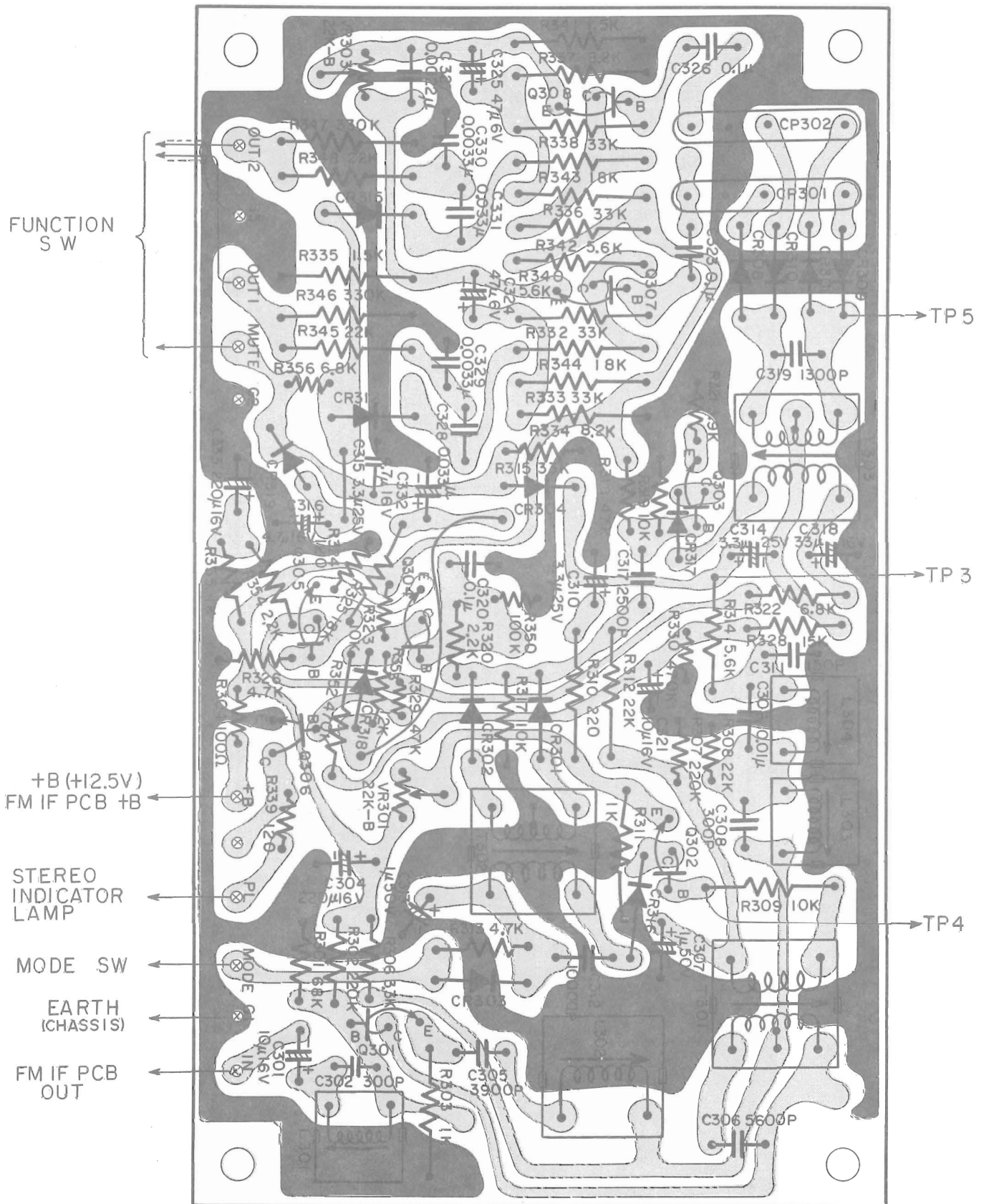
6. CHASSIS LAYOUT



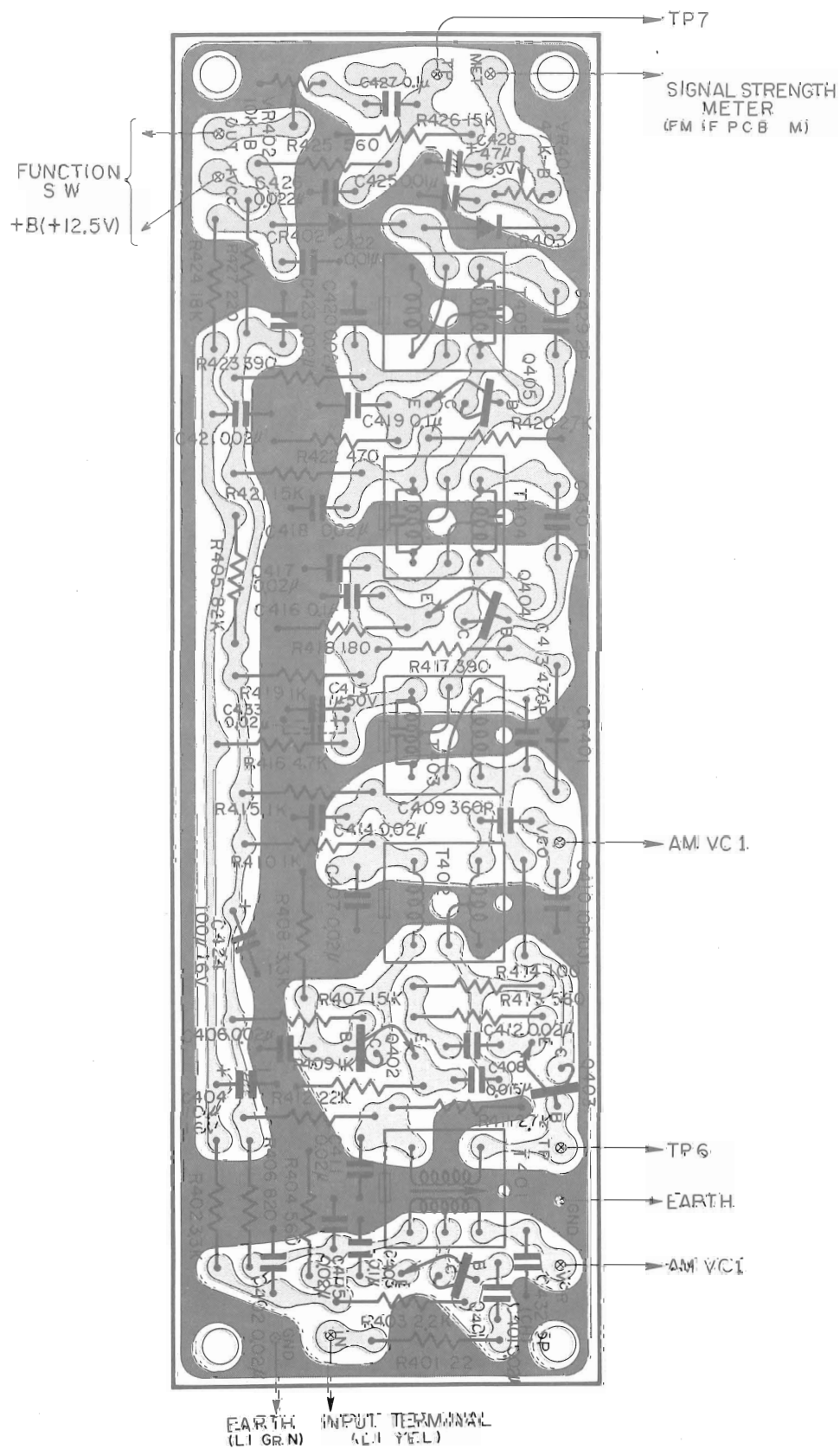
FM-IF CIRCUIT BOARD



FM MPX CIRCUIT BOARD

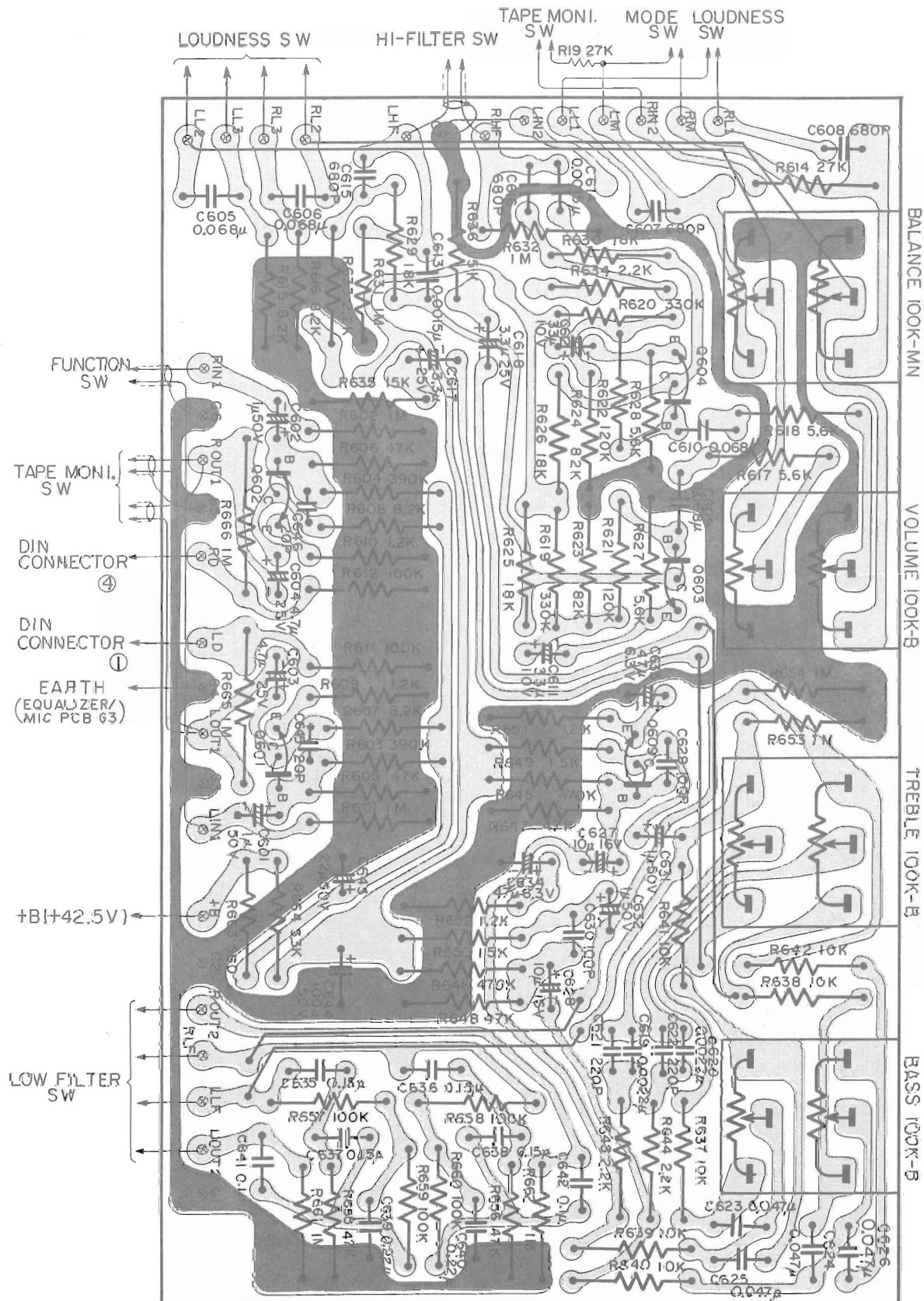


AM CIRCUIT BOARD

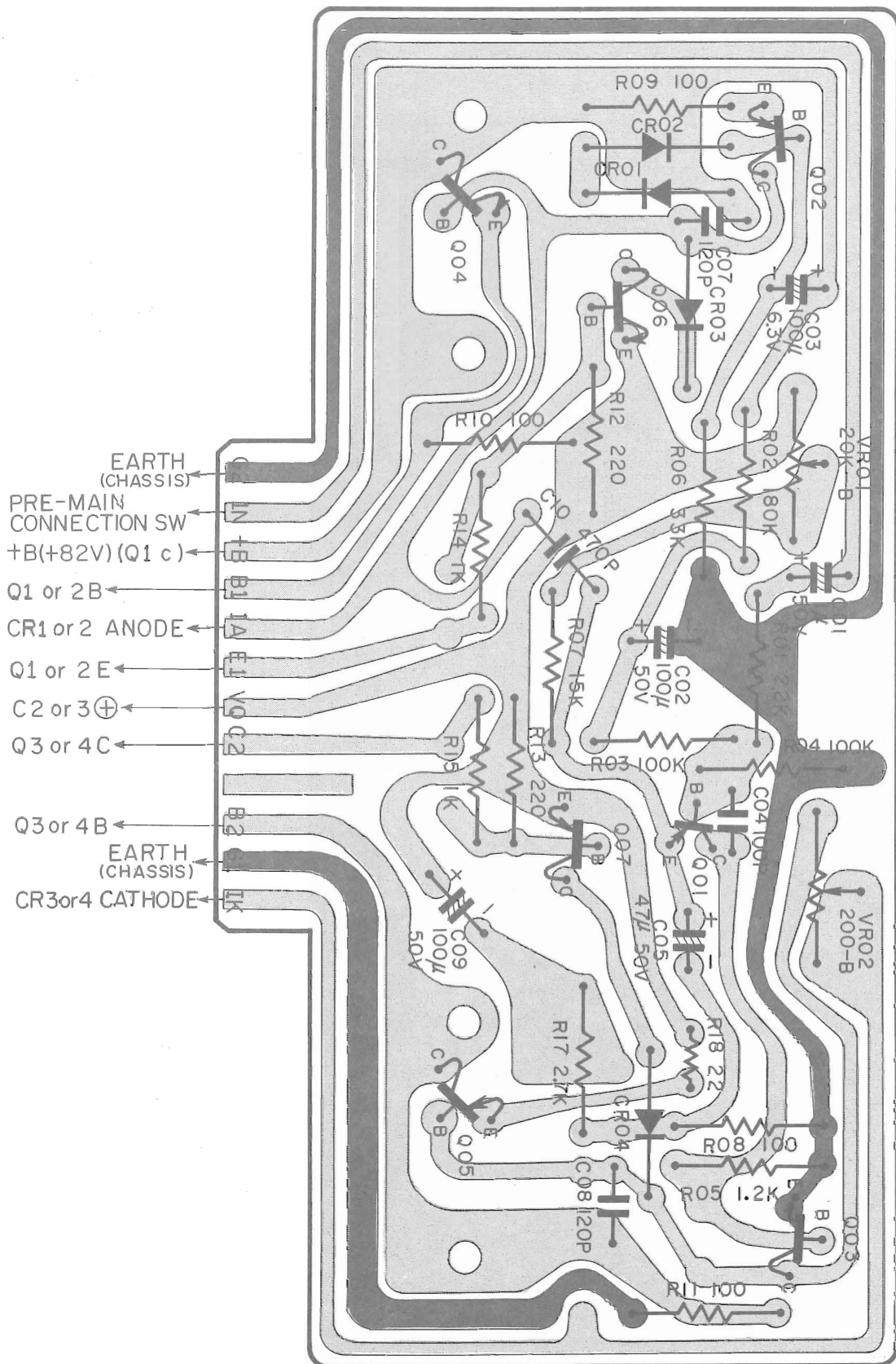




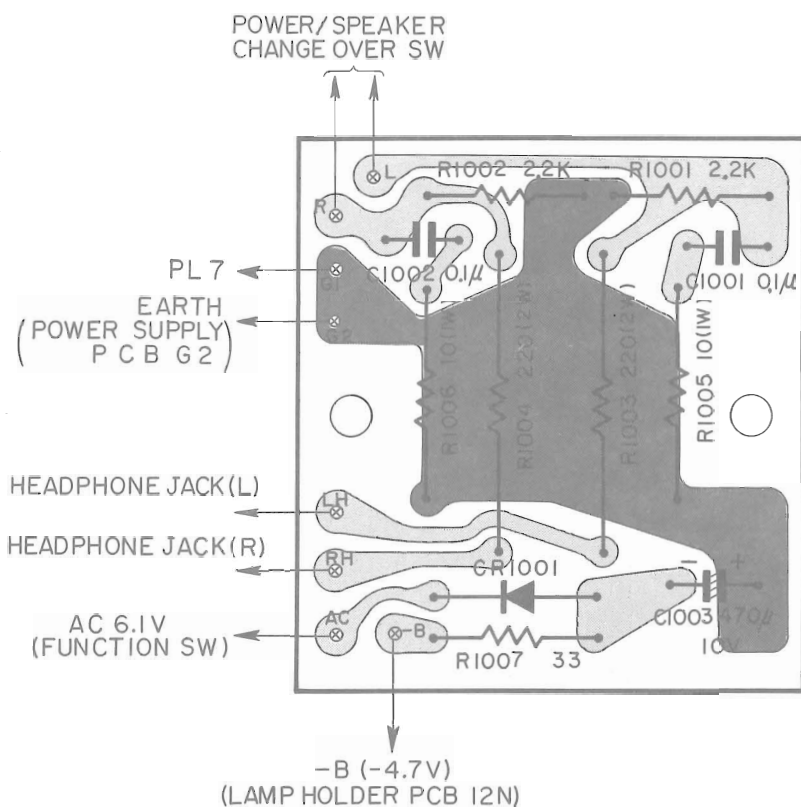
PRE-AMPLIFIER CIRCUIT BOARD



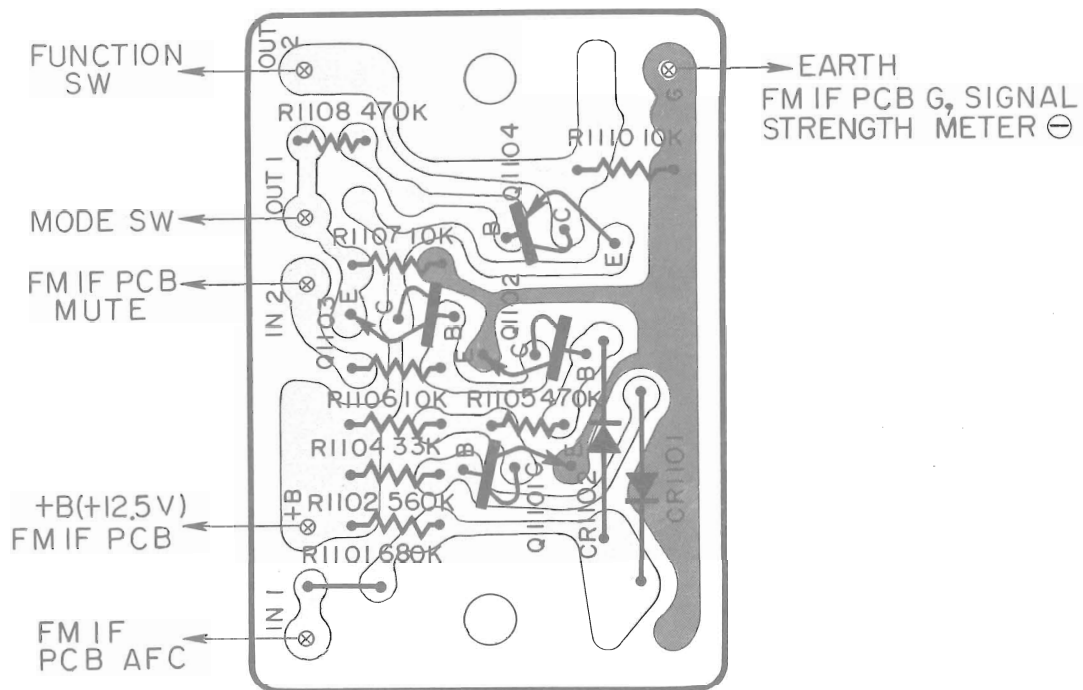
MAIN AMPLIFIER CIRCUIT BOARD



SUB CIRCUIT BOARD



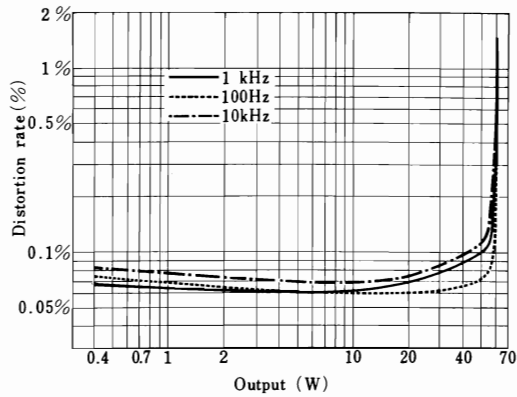
CONTROL CIRCUIT BOARD



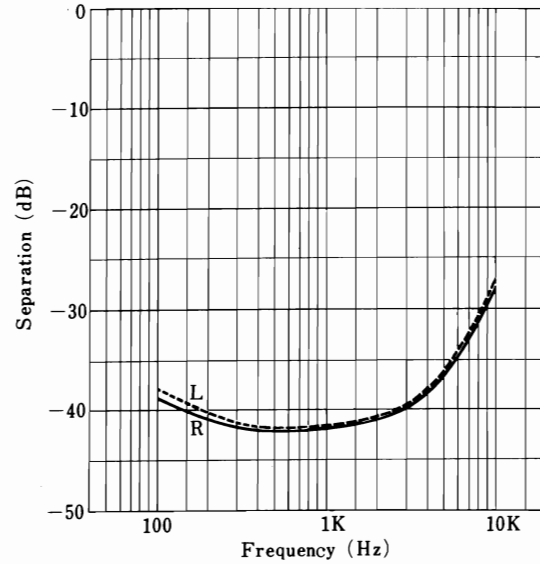
8. CHARACTERISTICS

TOTAL HARMONIC DISTORTION RATE

INPUT TERMINAL : AUX
OUTPUT TERMINAL : 8-OHMS LOAD

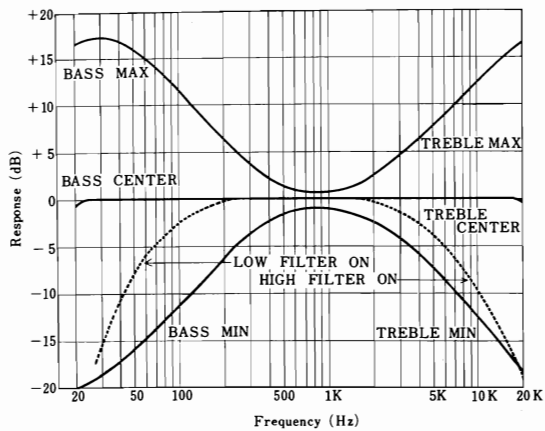


FM MPX SEPARATION

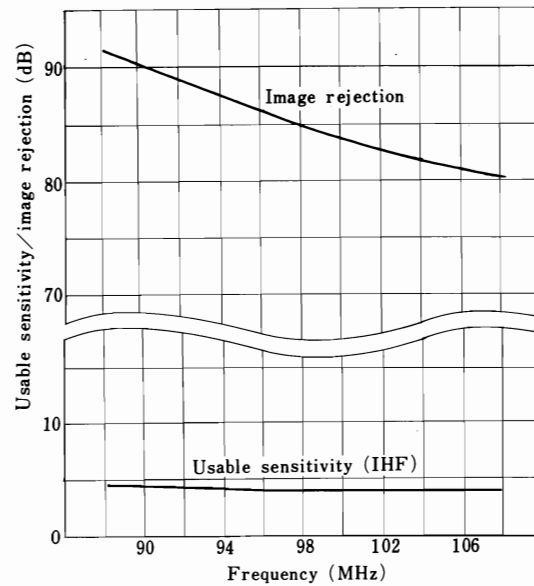


TONE CONTROL CHARACTERISTIC

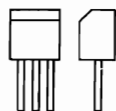
INPUT TERMINAL : AUX
OUTPUT TERMINAL : 8-OHMS LOAD
0 dB : 2 V



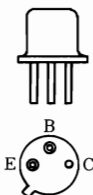
FM SENSITIVITY AND IMAGE CHARACTERISTICS



9. POLARITY OF TRANSISTORS



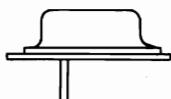
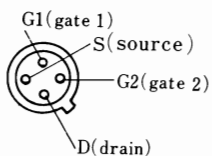
2SC461, 2SC458, 2SC458LG
2SC458ALG, 2SC460, 2SC454
2SA672



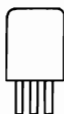
2SA537A, 2SC708A



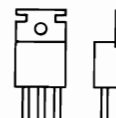
3SK30
3SK22GR



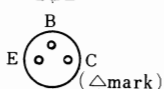
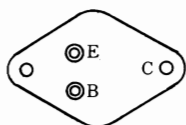
2SC897, 2SC680, 2SA566



2SA565, 2SC984



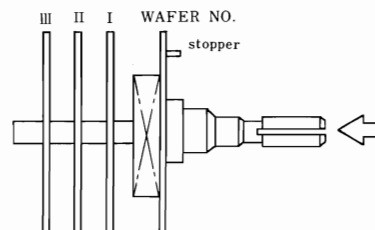
2SC1061



10. ARRANGEMENT OF ROTARY SWITCH'S TERMINAL

III	II	I	WAFER NO.
			FRONT
			REAR

Rotary Switch S2a-2h

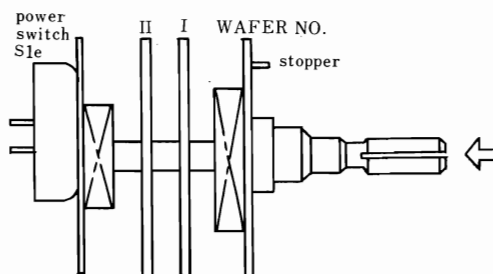


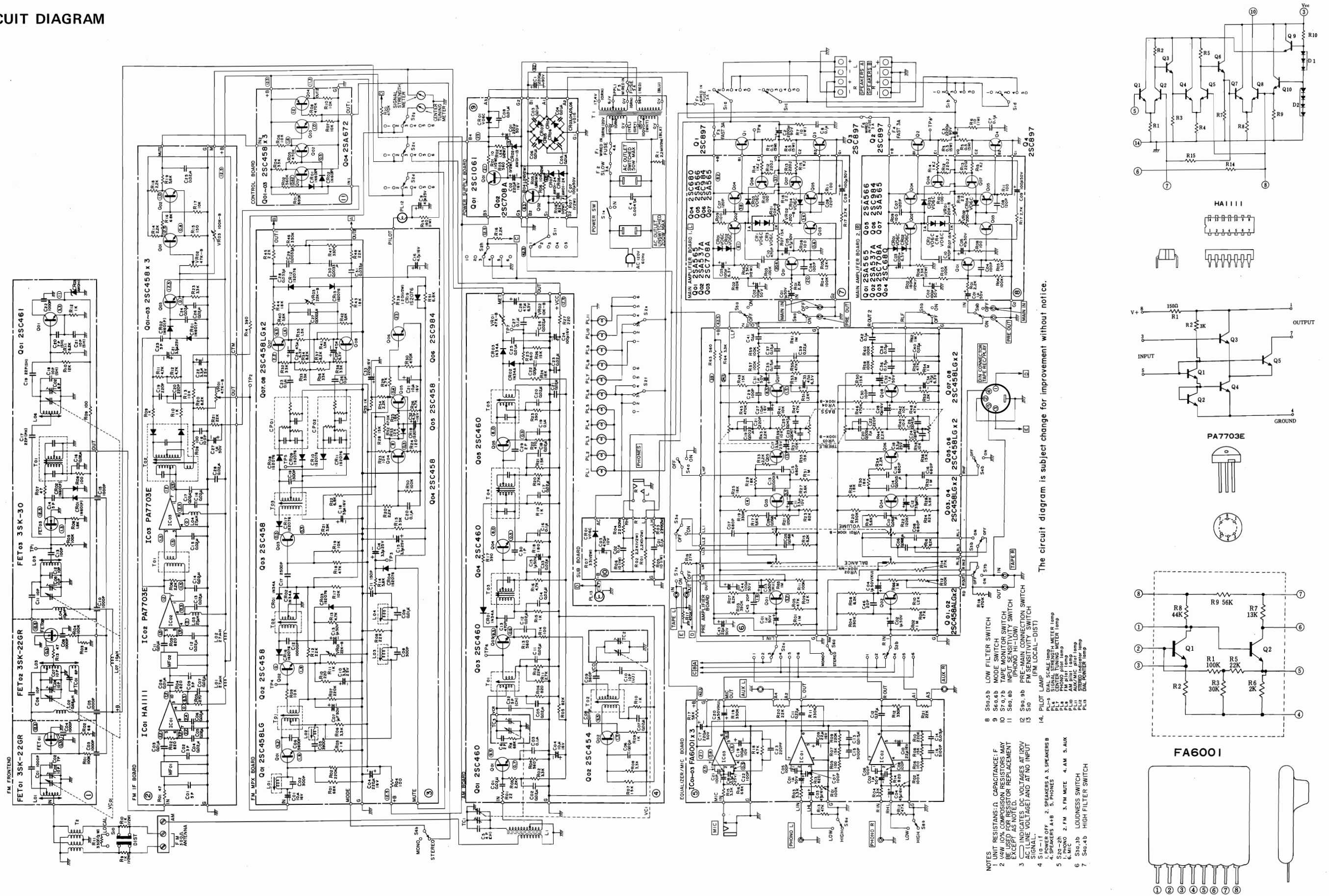
This figure shows the wafer of rotary switch viewed from its front (arrow mark) when it is turned extremely counterclockwise.

⊠ implies the position of stopper.

II	I	WAFER NO.
		FRONT
		REAR

Rotary Switch S1a-1f





12. REPLACEMENT PARTS LIST

SYMBOL NO.	STOCK NO.	DESCRIPTION			
CAPACITORS					
for FM FRONTEND					
C101	0244016	Ceramic, discal	1000pF	Z	
C102	0248647	Ceramic, discal	7pF	D	
C103	0233518	Through type	1000pF		
C104	0233518	Through type	1000pF		
C105	0233518	Through type	1000pF		
C106	0248650	Ceramic, discal	10pF	D	
C107	0248650	Ceramic, discal	10pF	D	
C108	0233518	Through type	1000pF		
C110	0233518	Through type	1000pF		
C111	0248650	Ceramic, discal	10pF	D	
C112	0248650	Ceramic, discal	10pF	D	
C113	0248724	Ceramic, discal	100pF	K	
C114	0248635	Ceramic, discal	5pF	C	
C115	0233518	Through type	1000pF		
C116	0245018	Ceramic, discal	0.02μF	Z	
C117	0246708	Ceramic, discal	22pF (PH)	J	
C118	0248150	Ceramic, discal	10pF ±0.25pF (SH)		
C119	0248178	Ceramic, discal	22pF (SH)	J	
C120	0248147	Ceramic, discal	7pF (SH)	C	
C121	0248150	Ceramic, discal	10pF ±0.25pF (SH)		
C122	0233518	Through type	1000pF		
for FM-IF CIRCUIT BOARD					
C201	0248635	Ceramic, discal	5pF	C	
C202	0248633	Ceramic, discal	3pF	C	
C203	0245017	Ceramic, discal	0.01μF	Z	
C204	0245018	Ceramic, discal	0.02μF	Z	
C205	0245018	Ceramic, discal	0.02μF	Z	
C206	0245018	Ceramic, discal	0.02μF	Z	
C207	0245018	Ceramic, discal	0.02μF	Z	
C208	0245017	Ceramic, discal	0.01μF	Z	
C209	0248633	Ceramic, discal	3pF	C	
C211	0245017	Ceramic, discal	0.01μF	Z	
C212	0245018	Ceramic, discal	0.02μF	Z	
C213	0245018	Ceramic, discal	0.02μF	Z	
C214	0245018	Ceramic, discal	0.02μF	Z	
C215	0245018	Ceramic, discal	0.02μF	Z	
C216	0245018	Ceramic, discal	0.02μF	Z	
C217	0245018	Ceramic, discal	0.02μF	Z	
C218	0248724	Ceramic, discal	100pF	K	
C219	0248732	Ceramic, discal	220pF	K	
C220	0248732	Ceramic, discal	220pF	K	
C221	0252613	Electrolytic	3.3μF	25V	
C222	0252613	Electrolytic	3.3μF	25V	
C223	0248633	Ceramic, discal	3pF	C	
C224	0245018	Ceramic, discal	0.02μF	Z	
C225	0245018	Ceramic, discal	0.02μF	Z	
C226	0245018	Ceramic, discal	0.02μF	Z	
C227	0252811	Electrolytic	1μF	50V	
C228	0245018	Ceramic, discal	0.02μF	Z	
for FM MPX CIRCUIT BOARD					
C301	0252521	Electrolytic	10μF	16V	
C302	0221322	Stylol	300pF	J	
C304	0252532	Electrolytic	220μF	16V	
C305	0221516	Stylol	3900pF	J	
C306	0221517	Stylol	5600pF	J	
C307	0252811	Electrolytic	1μF	50V	
C308	0221322	Stylol	300pF	J	
C309	0275011	Mylar, film	0.01μF	K	
C310	0252613	Electrolytic	3.3μF	25V	

SYMBOL NO.	STOCK NO.	DESCRIPTION			
C311	0248728	Ceramic, discal	150pF	K	
C312	0221520	Stylol	10000pF	J	
C313	0252811	Electrolytic	1μF	50V	
C314	0252613	Electrolytic	3.3μF	25V	
C315	0252613	Electrolytic	3.3μF	25V	
C316	0252515	Electrolytic	4.7μF	16V	
C317	0221512	Stylol	2500pF	J	
C318	0252523	Electrolytic	33μF	16V	
C319	0221338	Stylol	1300pF	J	
C320	0276011	Mylar, film	0.1μF	K	
C321	0252521	Electrolytic	10μF	16V	
C323	0276011	Mylar, film	0.1μF	K	
C324	0252225	Electrolytic	47μF	6V	
C325	0252225	Electrolytic	47μF	6V	
C326	0276011	Mylar, film	0.1μF	K	
C327	0274013	Mylar, film	0.0022μF	K	
C328	0275014	Mylar, film	0.033μF	K	
C329	0274014	Mylar, film	0.0033μF	K	
C330	0274014	Mylar, film	0.0033μF	K	
C331	0275014	Mylar, film	0.033μF	K	
C332	0252515	Electrolytic	4.7μF	16V	
C333	0252532	Electrolytic	220μF	16V	
for AM CIRCUIT BOARD					
C401	0245018	Ceramic, discal	0.02μF	Z	
C402	0245018	Ceramic, discal	0.02μF	Z	
C403	0246007	Ceramic, discal	0.1μF	Z	
C404	0252521	Electrolytic	10μF	16V	
C405	0245018	Ceramic, discal	0.02μF	Z	
C406	0245018	Ceramic, discal	0.02μF	Z	
C407	0245018	Ceramic, discal	0.02μF	Z	
C408	0275012	Mylar, film	0.015μF	K	
C409	0221324	Stylol	360pF	J	
C410	0248470	Ceramic, discal	10pF (UJ)	C	
C411	0245018	Ceramic, discal	0.02μF	Z	
C412	0245018	Ceramic, discal	0.02μF	Z	
C413	0221327	Stylol	470pF	J	
C414	0245018	Ceramic, discal	0.02μF	Z	
C415	0252811	Electrolytic	1μF	50V	
C416	0246007	Ceramic, discal	0.1μF	Z	
C417	0245018	Ceramic, discal	0.02μF	Z	
C418	0245018	Ceramic, discal	0.02μF	Z	
C419	0246007	Ceramic, discal	0.1μF	Z	
C420	0245018	Ceramic, discal	0.02μF	Z	
C421	0245018	Ceramic, discal	0.02μF	Z	
C422	0275011	Mylar, film	0.01μF	K	
C423	0245018	Ceramic, discal	0.02μF	Z	
C424	0252531	Electrolytic	100μF	16V	
C425	0275011	Mylar, film	0.01μF	K	
C426	0275013	Mylar, film	0.022μF	K	
C427	0276011	Mylar, film	0.1μF	K	
C428	0252225	Electrolytic	47μF	6.3V	
C429	0248632	Ceramic, discal	2pF	C	
C430	0248631	Ceramic, discal	1pF	C	
C432	0246425	Ceramic, discal	5pF (CH)	D	
C433	0245018	Ceramic, discal	0.02μF	Z	
for EQUALIZER/MIC CIRCUIT BOARD					
C501	0252811	Electrolytic	1μF	50V	
C502	0252811	Electrolytic	1μF	50V	
C503	0252525	Electrolytic	47μF	16V	
C504	0252525	Electrolytic	47μF	16V	
C505	0248724	Ceramic, discal	100pF	K	
C506	0248724	Ceramic, discal	100pF	K	
C507	0248724	Ceramic, discal	100pF	K	
C508	0248724	Ceramic, discal	100pF	K	

SYMBOL NO.	STOCK NO.	DESCRIPTION			
C509	0252522	Electrolytic	22μF	16V	
C510	0252522	Electrolytic	22μF	16V	
C511	0276013	Mylar, film	0.22μF	K 50V	
C512	0276013	Mylar, film	0.22μF	K 50V	
C513	0275012	Mylar, film	0.015μF	K 50V	
C514	0275012	Mylar, film	0.015μF	K 50V	
C515	0221352	Stylol	5100pF	J	
C516	0221352	Stylol	5100pF	J	
C517	0252832	Electrolytic	220μF	50V	
C518	0252613	Electrolytic	3.3μF	25V	
C519	0252331	Electrolytic	100μF	10V	
C520	0252861	Electrolytic (KU)	1μF	50V	
C521	0248724	Ceramic, discal	100pF	K	
C522	0248724	Ceramic, discal	100pF	K	
C523	0248732	Ceramic, discal	220pF	K	
for PRE-AMPLIFIER CIRCUIT BOARD					
C601	0252811	Electrolytic	1μF	50V	
C602	0252811	Electrolytic	1μF	50V	
C603	0252861	Electrolytic (KU)	1μF	50V	
C604	0252861	Electrolytic (KU)	1μF	50V	
C605	0275016	Mylar, film	0.068μF	K 50V	
C606	0275016	Mylar, film	0.068μF	K 50V	
C607	0221371	Stylol	680pF	K 50V	
C608	0221371	Stylol	680pF	K 50V	
C609	0275016	Mylar, film	0.068μF	K	
C610	0275016	Mylar, film	0.068μF	K	
C611	0252323	Electrolytic	33μF	10V	
C612	0252323	Electrolytic	33μF	10V	
C613	0274012	Mylar, film	0.0015μF	K 50V	
C614	0274012	Mylar, film	0.0015μF	K 50V	
C615	0221371	Stylol	680pF	K 50V	
C616	0221371	Stylol	680pF	K 50V	
C617	0252613	Electrolytic	3.3μF	25V	
C618	0252613	Electrolytic	3.3μF	25V	
C619	0274013	Mylar, film	0.0022μF	K 50V	
C620	0274013	Mylar, film	0.0022μF	K 50V	
C621	0248732	Ceramic, discal	220pF	K	
C622	0248732	Ceramic, discal	220pF	K	
C623	0275015	Mylar, film	0.047μF	K 50V	
C624	0275015	Mylar, film	0.047μF	K 50V	
C625	0275015	Mylar, film	0.047μF	K 50V	
C626	0275015	Mylar, film	0.047μF	K 50V	
C627	0252521	Electrolytic	10μF	16V	
C628	0252521	Electrolytic	10μF	16V	
C629	0248724	Ceramic, discal	100pF	K	
C630	0248724	Ceramic, discal	100pF	K	
C631	0252811	Electrolytic	1μF	50V	
C632	0252811	Electrolytic	1μF	50V	
C633	0252225	Electrolytic	47μF	6.3V	
C634	0252225	Electrolytic	47μF	6.3V	
C635	0276012	Mylar, film	0.15μF	K 50V	
C636	0276012	Mylar, film	0.15μF	K 50V	
C637	0276012	Mylar, film	0.15μF	K 50V	
C638	0276012	Mylar, film	0.15μF	K 50V	
C639	0276013	Mylar, film	0.22μF	K 50V	
C640	0276013	Mylar, film	0.22μF	K 50V	
C641	0276011	Mylar, film	0.1μF	K 50V	
C642	0276011	Mylar, film	0.1μF	K 50V	
C643	0252822	Electrolytic	22μF	50V	
C644	0252831	Electrolytic	100μF	50V	
C645	0248707	Ceramic, discal	20pF	K	
C646	0248707	Ceramic, discal	20pF	K	
for MAIN AMPLIFIER CIRCUIT BOARD					
C701	0252811	Electrolytic	1μF	50V	
C702	0252831	Electrolytic	100μF	50V	
C703	0252231	Electrolytic	100μF	6.3V	

SYMBOL NO.	STOCK NO.	DESCRIPTION			
C704	0248724	Ceramic, discal	100pF	K	
C705	0252825	Electrolytic	47μF		50V
C707	0248726	Ceramic, discal	120pF	K	
C708	0248726	Ceramic, discal	120pF	K	
C709	0252831	Electrolytic	100μF		50V
C710	0221369	Stylol	470pF	K	50V
C801	0252811	Electrolytic	1μF		50V
C802	0252831	Electrolytic	100μF		50V
C803	0252231	Electrolytic	100μF		6.3V
C804	0248724	Ceramic, discal	100pF	K	
C805	0252825	Electrolytic	47μF		50V
C807	0248726	Ceramic, discal	120pF	K	
C808	0248726	Ceramic, discal	120pF	K	
C809	0252831	Electrolytic	100μF		50V
C810	0221369	Stylol	470pF	K	
for POWER SUPPLY CIRCUIT BOARD					
C901	0252832	Electrolytic	220μF		50V
C902	0252532	Electrolytic	220μF		16V
C903	0245408	Ceramic, discal	0.01μF	K	500V
C904	0245408	Ceramic, discal	0.01μF	K	500V
C905	0245408	Ceramic, discal	0.01μF	K	500V
C906	0245408	Ceramic, discal	0.01μF	K	500V
C907	0252831	Electrolytic	100μF		50V
C908	0245408	Ceramic, discal	0.01μF	K	500V
for SUB CIRCUIT BOARD					
C1001	0276011	Mylar, film	0.1μF	K	50V
C1002	0276011	Mylar, film	0.1μF	K	50V
C1003	0252335	Electrolytic	470μF		10V
for CHASSIS ASSEMBLY					
C1	0259797	Electrolytic	2200μF		90V
C2	0259797	Electrolytic	2200μF		90V
C3	0259797	Electrolytic	2200μF		90V
C4	0243873	Ceramic, discal	0.0047μF(UL AC 150V type CL)		
C4	0214474	Oil	0.0047μF(UL AC 800V type ECN-U8A)		
C5	0246424	Ceramic, discal	4pF (CH)	D	
C6	0248632	Ceramic, discal	2pF	C	
C7	0276111	Mylar, film	0.1μF	K	50V
C8	0276111	Mylar, film	0.1μF	K	50V
C9	0252625	Electrolytic	47μF		25V
RESISTORS					
for FM FRONTEND					
R101	0114541	Carbon, film	100kΩ	K	SRD¼P
R102	0114381	Carbon, film	68Ω	K	SRD¼P
R103	0131844	Composition	1MΩ	K	RC¼GF
R104	0114541	Carbon, film	100kΩ	K	SRD¼P
R105	0114541	Carbon, film	100kΩ	K	SRD¼P
R106	0114464	Carbon, film	1.8kΩ	K	SRD¼P
R107	0114379	Carbon, film	47Ω	K	SRD¼P
R108	0114441	Carbon, film	100Ω	K	SRD¼P
R109	0114441	Carbon, film	100Ω	K	SRD¼P
R110	0114522	Carbon, film	12kΩ	K	SRD¼P
R111	0114472	Carbon, film	8.2kΩ	K	SRD¼P
R112	0114461	Carbon, film	1kΩ	K	SRD¼P

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SYMBOL NO.	STOCK NO.	DESCRIPTION				SYMBOL NO.	STOCK NO.	DESCRIPTION			
R113	0114379	Carbon, film	47Ω	K	SRD¼P	R341	0114463	Carbon, film	1.5kΩ	K	SRD¼P
for FM-IF CIRCUIT BOARD						R342	0114470	Carbon, film	5.6kΩ	K	SRD¼P
R201	0138297	Carbon, film	47Ω	K	SRD¼SD	R343	0114524	Carbon, film	18kΩ	K	SRD¼P
R202	0114452	Carbon, film	820Ω	K	SRD¼P	R344	0114524	Carbon, film	18kΩ	K	SRD¼P
R203	0114446	Carbon, film	270Ω	K	SRD¼P	R345	0114525	Carbon, film	22kΩ	K	SRD¼P
R204	0114452	Carbon, film	820Ω	K	SRD¼P	R346	0114547	Carbon, film	330kΩ	K	SRD¼P
R205	0114452	Carbon, film	820Ω	K	SRD¼P	R347	0114547	Carbon, film	330kΩ	K	SRD¼P
R206	0114465	Carbon, film	2.2kΩ	K	SRD¼P	R348	0114525	Carbon, film	22kΩ	K	SRD¼P
R208	0114441	Carbon, film	100Ω	K	SRD¼P	R350	0138453	Carbon, film	100kΩ	K	SRD¼SD
R209	0114461	Carbon, film	1kΩ	K	SRD¼P	R351	0138383	Carbon, film	6.8kΩ	K	SRD¼SD
R210	0114461	Carbon, film	1kΩ	K	SRD¼P	R352	0138461	Carbon, film	470kΩ	K	SRD¼SD
R211	0114469	Carbon, film	4.7kΩ	K	SRD¼P	R353	0138442	Carbon, film	12kΩ	K	SRD¼SD
R212	0114469	Carbon, film	4.7kΩ	K	SRD¼P	R354	0138377	Carbon, film	2.2kΩ	K	SRD¼SD
R213	0114521	Carbon, film	10kΩ	K	SRD¼P	R355	0138373	Carbon, film	1kΩ	K	SRD¼SD
R214	0138377	Carbon, film	2.2kΩ	K	SRD¼SD	for AM CIRCUIT BOARD					
R215	0138363	Carbon, film	150Ω	K	SRD¼SD	R401	0114375	Carbon, film	22Ω	K	SRD¼P
R216	0138451	Carbon, film	68kΩ	K	SRD¼SD	R402	0114467	Carbon, film	3.3Ω	K	SRD¼P
R217	0138441	Carbon, film	10kΩ	K	SRD¼SD	R403	0114465	Carbon, film	2.2kΩ	K	SRD¼P
R218	0138377	Carbon, film	2.2kΩ	K	SRD¼SD	R404	0114450	Carbon, film	560Ω	K	SRD¼P
R219	0138382	Carbon, film	5.6kΩ	K	SRD¼SD	R405	0114532	Carbon, film	82kΩ	K	SRD¼P
R220	0114472	Carbon, film	8.2kΩ	K	SRD¼P	R406	0114452	Carbon, film	820Ω	K	SRD¼P
R221	0114525	Carbon, film	22kΩ	K	SRD¼P	R407	0114523	Carbon, film	15kΩ	K	SRD¼P
R223	0114467	Carbon, film	3.3kΩ	K	SRD¼P	R408	0114467	Carbon, film	3.3kΩ	K	SRD¼P
for FM MPX CIRCUIT BOARD						R409	0114461	Carbon, film	1kΩ	K	SRD¼P
R301	0138451	Carbon, film	68kΩ	K	SRD¼SD	R410	0114461	Carbon, film	1kΩ	K	SRD¼P
R302	0138457	Carbon, film	220kΩ	K	SRD¼SD	R411	0114466	Carbon, film	2.7kΩ	K	SRD¼P
R303	0114461	Carbon, film	1kΩ	K	SRD¼P	R412	0114525	Carbon, film	22kΩ	K	SRD¼P
R304	0138361	Carbon, film	100Ω	K	SRD¼SD	R413	0114450	Carbon, film	560Ω	K	SRD¼P
R306	0138379	Carbon, film	3.3kΩ	K	SRD¼SD	R414	0114441	Carbon, film	100Ω	K	SRD¼P
R307	0138457	Carbon, film	220kΩ	K	SRD¼SD	R415	0114461	Carbon, film	1kΩ	K	SRD¼P
R308	0138445	Carbon, film	22kΩ	K	SRD¼SD	R416	0114469	Carbon, film	4.7kΩ	K	SRD¼P
R309	0114521	Carbon, film	10kΩ	K	SRD¼P	R417	0114448	Carbon, film	390Ω	K	SRD¼P
R310	0114445	Carbon, film	220Ω	K	SRD¼P	R418	0114444	Carbon, film	180Ω	K	SRD¼P
R311	0114461	Carbon, film	1kΩ	K	SRD¼P	R419	0114461	Carbon, film	1kΩ	K	SRD¼P
R312	0114525	Carbon, film	22kΩ	K	SRD¼P	R420	0114466	Carbon, film	2.7kΩ	K	SRD¼P
R313	0138381	Carbon, film	4.7kΩ	K	SRD¼SD	R421	0114523	Carbon, film	15kΩ	K	SRD¼P
R314	0114470	Carbon, film	5.6kΩ	K	SRD¼P	R422	0114449	Carbon, film	470Ω	K	SRD¼P
R315	0138447	Carbon, film	33kΩ	K	SRD¼SD	R423	0114448	Carbon, film	390Ω	K	SRD¼P
R317	0114521	Carbon, film	10kΩ	K	SRD¼P	R424	0114524	Carbon, film	18kΩ	K	SRD¼P
R318	0138449	Carbon, film	47kΩ	K	SRD¼SD	R425	0114450	Carbon, film	560Ω	K	SRD¼P
R319	0138441	Carbon, film	10kΩ	K	SRD¼SD	R426	0114523	Carbon, film	15kΩ	K	SRD¼P
R320	0138377	Carbon, film	2.2kΩ	K	SRD¼SD	R427	0114445	Carbon, film	220Ω	K	SRD¼P
R321	0138380	Carbon, film	3.9kΩ	K	SRD¼SD	for EQUALIZER/MIC CIRCUIT BOARD					
R322	0138383	Carbon, film	6.8kΩ	K	SRD¼SD	R501	0114541	Carbon, film	100kΩ	K	SRD¼P
R323	0138441	Carbon, film	10kΩ	K	SRD¼SD	R502	0114541	Carbon, film	100kΩ	K	SRD¼P
R324	0138362	Carbon, film	120Ω	K	SRD¼SD	R503	0114467	Carbon, film	3.3kΩ	K	SRD¼P
R325	0138444	Carbon, film	18kΩ	K	SRD¼SD	R504	0114467	Carbon, film	3.3kΩ	K	SRD¼P
R326	0138381	Carbon, film	4.7kΩ	K	SRD¼SD	R505	0114441	Carbon, film	100Ω	K	SRD¼P
R328	0138443	Carbon, film	15kΩ	K	SRD¼SD	R506	0114441	Carbon, film	100Ω	K	SRD¼P
R329	0138381	Carbon, film	4.7kΩ	K	SRD¼SD	R507	0114523	Carbon, film	15kΩ	K	SRD¼P
R330	0138461	Carbon, film	470kΩ	K	SRD¼SD	R508	0114523	Carbon, film	15kΩ	K	SRD¼P
R332	0114527	Carbon, film	33kΩ	K	SRD¼P	R509	0114545	Carbon, film	220kΩ	K	SRD¼P
R333	0114527	Carbon, film	33kΩ	K	SRD¼P	R510	0114545	Carbon, film	220kΩ	K	SRD¼P
R334	0114472	Carbon, film	8.2kΩ	K	SRD¼P	R511	0114547	Carbon, film	330kΩ	K	SRD¼P
R335	0114463	Carbon, film	1.5kΩ	K	SRD¼P	R512	0114547	Carbon, film	330kΩ	K	SRD¼P
R336	0114527	Carbon, film	33kΩ	K	SRD¼P	R513	0114452	Carbon, film	820Ω	K	SRD¼P
R337	0114472	Carbon, film	8.2kΩ	K	SRD¼P	R514	0114452	Carbon, film	820Ω	K	SRD¼P
R338	0114527	Carbon, film	33kΩ	K	SRD¼P	R515	0114467	Carbon, film	3.3kΩ	K	SRD¼P
R339	0134362	Composition	120Ω	K	RC¼GF	R516	0114531	Carbon, film	68kΩ	K	SRD¼P
R340	0114470	Carbon, film	5.6kΩ	K	SRD¼P	R517	0114470	Carbon, film	5.6kΩ	K	SRD¼P
						R518	0114529	Carbon, film	47kΩ	K	SRD¼P
						R519	0114547	Carbon, film	330kΩ	K	SRD¼P
						R520	0114525	Carbon, film	22kΩ	K	SRD¼P
						R521	0114525	Carbon, film	22kΩ	K	SRD¼P

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SYMBOL NO.	STOCK NO.	DESCRIPTION					SYMBOL NO.	STOCK NO.	DESCRIPTION				
for PRE-AMPLIFIER CIRCUIT BOARD							for MAIN AMPLIFIER CIRCUIT BOARD						
R601	0131844	Composition	1MΩ	K	RC½GF		R701	0114465	Carbon, film	2.2kΩ	K	SRD¼P	
R602	0131844	Composition	1MΩ	K	RC½GF		R702	0114544	Carbon, film	180kΩ	K	SRD¼P	
R603	0114548	Carbon, film	390kΩ	K	SRD¼P		R703	0114541	Carbon, film	100kΩ	K	SRD¼P	
R604	0114548	Carbon, film	390kΩ	K	SRD¼P		R704	0114541	Carbon, film	100kΩ	K	SRD¼P	
R605	0114529	Carbon, film	47kΩ	K	SRD¼P		R705	0114462	Carbon, film	1.2kΩ	K	SRD¼P	
R606	0114529	Carbon, film	47kΩ	K	SRD¼P		R706	0134391	Composition	33kΩ	K	RC½GF	
R607	0114472	Carbon, film	8.2kΩ	K	SRD¼P		R707	0114523	Carbon, film	15kΩ	K	SRD¼P	
R608	0114472	Carbon, film	8.2kΩ	K	SRD¼P		R708	0114441	Carbon, film	100Ω	K	SRD¼P	
R609	0114462	Carbon, film	1.2kΩ	K	SRD¼P		R709	0114441	Carbon, film	100Ω	K	SRD¼P	
R610	0114462	Carbon, film	1.2kΩ	K	SRD¼P		R710	0114441	Carbon, film	100Ω	K	SRD¼P	
R611	0114541	Carbon, film	100kΩ	K	SRD¼P		R711	0114441	Carbon, film	100Ω	K	SRD¼P	
R612	0114541	Carbon, film	100kΩ	K	SRD¼P		R712	0114139	Carbon, film	220Ω	J	SRD¼P	
							R713	0114139	Carbon, film	220Ω	J	SRD¼P	
R614	0138446	Carbon, film	27kΩ	K	SRD¼SD		R714	0114161	Carbon, film	1kΩ	J	SRD¼P	
R615	0114472	Carbon, film	8.2kΩ	K	SRD¼P		R715	0114161	Carbon, film	1kΩ	J	SRD¼P	
R616	0114472	Carbon, film	8.2kΩ	K	SRD¼P								
R617	0114470	Carbon, film	5.6kΩ	K	SRD¼P		R717	0114466	Carbon, film	2.7kΩ	K	SRD¼P	
R618	0114470	Carbon, film	5.6kΩ	K	SRD¼P		R718	0138293	Carbon, film	22Ω	K	SRD¼SD	
R619	0114547	Carbon, film	330kΩ	K	SRD¼P								
R620	0114547	Carbon, film	330kΩ	K	SRD¼P		R801	0114465	Carbon, film	2.2kΩ	K	SRD¼P	
R621	0114542	Carbon, film	120kΩ	K	SRD¼P		R802	0114544	Carbon, film	180kΩ	K	SRD¼P	
R622	0114542	Carbon, film	120kΩ	K	SRD¼P		R803	0114541	Carbon, film	100kΩ	K	SRD¼P	
R623	0114532	Carbon, film	82kΩ	K	SRD¼P		R804	0114541	Carbon, film	100kΩ	K	SRD¼P	
R624	0114532	Carbon, film	82kΩ	K	SRD¼P		R805	0114462	Carbon, film	1.2kΩ	K	SRD¼P	
R625	0114524	Carbon, film	18kΩ	K	SRD¼P		R806	0134391	Composition	33kΩ	K	RC½GF	
R626	0114524	Carbon, film	18kΩ	K	SRD¼P		R807	0114523	Carbon, film	15kΩ	K	SRD¼P	
R627	0114470	Carbon, film	5.6kΩ	K	SRD¼P		R808	0114441	Carbon, film	100Ω	K	SRD¼P	
R628	0114470	Carbon, film	5.6kΩ	K	SRD¼P		R809	0114441	Carbon, film	100Ω	K	SRD¼P	
R629	0114524	Carbon, film	18kΩ	K	SRD¼P		R810	0114441	Carbon, film	100Ω	K	SRD¼P	
R630	0114524	Carbon, film	18kΩ	K	SRD¼P		R811	0114441	Carbon, film	100Ω	K	SRD¼P	
R631	0131844	Composition	1MΩ	K	RC½GF		R812	0114139	Carbon, film	220Ω	J	SRD¼P	
R632	0131844	Composition	1MΩ	K	RC½GF		R813	0114139	Carbon, film	220Ω	J	SRD¼P	
R633	0114465	Carbon, film	2.2kΩ	K	SRD¼P		R814	0114161	Carbon, film	1kΩ	J	SRD¼P	
R634	0114465	Carbon, film	2.2kΩ	K	SRD¼P		R815	0114161	Carbon, film	1kΩ	J	SRD¼P	
R635	0114523	Carbon, film	15kΩ	K	SRD¼P								
R636	0114523	Carbon, film	15kΩ	K	SRD¼P		R817	0114466	Carbon, film	2.7kΩ	K	SRD¼P	
R637	0114521	Carbon, film	10kΩ	K	SRD¼P		R818	0138293	Carbon, film	22Ω	K	SRD¼SD	
R638	0114521	Carbon, film	10kΩ	K	SRD¼P		for POWER SUPPLY CIRCUIT BOARD						
R639	0114521	Carbon, film	10kΩ	K	SRD¼P		R901	0134289	Composition	10Ω	K	RC½GF	
R640	0114521	Carbon, film	10kΩ	K	SRD¼P		R902	0134375	Composition	1.5kΩ	K	RC½GF	
R641	0114521	Carbon, film	10kΩ	K	SRD¼P		R903	0134370	Composition	560Ω	K	RC½GF	
R642	0114521	Carbon, film	10kΩ	K	SRD¼P		R904	0134374	Composition	1.2kΩ	K	RC½GF	
R643	0114465	Carbon, film	2.2kΩ	K	SRD¼P		R905	0111246	Metal, oxide	1.8kΩ	K (1W)	RD1PA	
R644	0114465	Carbon, film	2.2kΩ	K	SRD¼P		R906	0134385	Composition	10kΩ	K	RC½GF	
R645	0114549	Carbon, film	470kΩ	K	SRD¼P		R907	0134374	Composition	1.2kΩ	K	RC½GF	
R646	0114549	Carbon, film	470kΩ	K	SRD¼P		R908	0134396	Composition	82kΩ	K	RC½GF	
R647	0114529	Carbon, film	47kΩ	K	SRD¼P		for SUB CIRCUIT BOARD						
R648	0114529	Carbon, film	47kΩ	K	SRD¼P		R1001	0134377	Composition	2.2kΩ	K	RC½GF	
R649	0114523	Carbon, film	15kΩ	K	SRD¼P		R1002	0134377	Composition	2.2kΩ	K	RC½GF	
R650	0114523	Carbon, film	15kΩ	K	SRD¼P		R1003	0111410	Metal, oxide	220Ω	K (2W)	RD2PA	
R651	0114462	Carbon, film	1.2kΩ	K	SRD¼P		R1004	0111410	Metal, oxide	220Ω	K (2W)	RD2PA	
R652	0114462	Carbon, film	1.2kΩ	K	SRD¼P		R1005	0119041	Metal	10Ω	K (1W)	RN1B	
R653	0131844	Composition	1MΩ	K	RC½GF		R1006	0119041	Metal	10Ω	K (1W)	RN1B	
R654	0131844	Composition	1MΩ	K	RC½GF		R1007	0134295	Composition	33Ω	K	RC½GF	
R655	0114529	Carbon, film	47kΩ	K	SRD¼P		for CONTROL CIRCUIT BOARD						
R656	0114529	Carbon, film	47kΩ	K	SRD¼P		R1101	0114551	Carbon, film	680kΩ	K	SRD¼P	
R657	0114541	Carbon, film	100kΩ	K	SRD¼P		R1102	0114550	Carbon, film	560kΩ	K	SRD¼P	
R658	0114541	Carbon, film	100kΩ	K	SRD¼P								
R659	0114541	Carbon, film	100kΩ	K	SRD¼P		R1104	0138447	Carbon, film	33kΩ	K	SRD¼SD	
R660	0114541	Carbon, film	100kΩ	K	SRD¼P		R1105	0138461	Carbon, film	470kΩ	K	SRD¼SD	
R661	0131844	Composition	1MΩ	K	RC½GF		R1106	0138441	Carbon, film	10kΩ	K	SRD¼SD	
R662	0131844	Composition	1MΩ	K	RC½GF		R1107	0138441	Carbon, film	10kΩ	K	SRD¼SD	
R663	0114450	Carbon, film	560Ω	K	SRD¼P								
R664	0114467	Carbon, film	3.3kΩ	K	SRD¼P								
R665	0112676	Carbon, film	1M Ω	K	NLRD¼P								
R666	0112676	Carbon, film	1M Ω	K	NLRD¼P								

SYMBOL NO.		STOCK NO.	DESCRIPTION			SYMBOL NO.	STOCK NO.	DESCRIPTION	
R1108		0138461	Carbon, film	470kΩ	K	SRD½SD	Q603	2320073	2SC458LG (C)
R1110		0138441	Carbon, film	10kΩ	K	SRD½SD	Q604	2320073	2SC458LG (C)
for CHASSIS ASSEMBLY						Q605	2320073	2SC458LG (C)	
R1	0134413	Composition	2.2MΩ			RC½GF	Q606	2320073	2SC458LG (C)
R2	0142228	Cement	0.5Ω	K	(5W)	RWC5PS	Q607	2320073	2SC458LG (C)
R3	0142228	Cement	0.5Ω	K	(5W)	RWC5PS	Q608	2320073	2SC458LG (C)
R4	0142228	Cement	0.5Ω	K	(5W)	RWC5PS	for MAIN AMPLIFIER CIRCUIT BOARD		
R5	0142228	Cement	0.5Ω	K	(5W)	RWC5PS	Q701	2320161	2SA565 (B)
R6	0119041	Metal	10Ω	K	(1W)	RN1B	Q702	2320243	2SA537A (C)
R7	0119041	Metal	10Ω	K	(1W)	RN1B	Q703	2320233	2SC708A (C)
R8	0114531	Carbon, film	68kΩ	K		SRD½P	Q704	2327182	2SC680 (B)
R9	0134373	Composition	1kΩ	K		RC½GF	Q705	2327192	2SA566 (B)
R10	0134373	Composition	1kΩ	K		RC½GF	Q706	2327022	2SC984 (B)
R11	0134367	Composition	330Ω	K		RC½GF	Q707	2320161	2SA565 (B)
R12	0114529	Carbon, film	47kΩ	K		SRD½P	Q801	2320161	2SA565 (B)
R13	0114529	Carbon, film	47kΩ	K		SRD½P	Q802	2320243	2SA537A (C)
R14	0114448	Carbon, film	390Ω	K		SRD½P	Q803	2320233	2SC708A (C)
R15	0111234	Metal, oxide	180Ω	K	(1W)	RD1PA	Q804	2327182	2SC680 (B)
R16	0114465	Carbon, film	2.2kΩ	K		SRD½P	Q805	2327192	2SA566 (B)
R17	0114549	Carbon, film	470kΩ	K		SRD½P	Q806	2327022	2SC984 (B)
R18	0114549	Carbon, film	470kΩ	K		SRD½P	Q807	2320161	2SA565 (B)
R19	0114526	Carbon, film	27kΩ	K		SRD½P	for POWER SUPPLY CIRCUIT BOARD		
R20	0114549	Carbon, film	470kΩ	K		SRD½P	Q901	2327152	2SC1061 (B)
TRANSISTORS						Q902	2320233	2SC708A (C)	
for FM FRONTEND						for CONTROL CIRCUIT BOARD			
Q101	0573507	2SC461(B)				Q1101	2320063	2SC458 (C)	
FET101	2327232	3SK22GR				Q1102	2320063	2SC458 (C)	
FET102	2327232	3SK22GR				Q1103	2320063	2SC458 (C)	
FET103	2327142	3SK30(B)				Q1104	2327262	2SA672 (B)	
for FM-IF CIRCUIT BOARD						for CHASSIS ASSEMBLY			
Q201	2320063	2SC458(C)				Q1	2327172	2SC897(B)	
Q202	2320063	2SC458(C)				Q2	2327172	2SC897(B)	
Q203	2320063	2SC458(C)				Q3	2327172	2SC897(B)	
IC201	2327161	HA1111				Q4	2327172	2SC897(B)	
IC202	2327212	PA7703E				DIODES			
IC203	2327212	PA7703E				for FM FRONTEND			
for FM MPX CIRCUIT BOARD						CR101	0575019	1N60 (P)	
Q301	2320073	2SC458LG (C)				CR102	0575019	1N60 (P)	
Q302	2320063	2SC458 (C)				CR103	2327078	AW01-11	
Q303	2320063	2SC458 (C)				for FM-IF CIRCUIT BOARD			
Q304	2320063	2SC458 (C)				CR201	0575019	1N60 (P)	
Q305	2320063	2SC458 (C)				CR202	0575019	1N60 (P)	
Q306	2327022	2SC984 (B)				for FM MPX CIRCUIT BOARD			
Q307	2320073	2SC458LG (C)				CR301	0575002	1N34A	
Q308	2320073	2SC458LG (C)				CR302	0575002	1N34A	
for AM CIRCUIT BOARD						CR303	2337011	1S2076	
Q401	0573486	2SC460 (B)				CR304	2337011	1S2076	
Q402	0573491	2SC454 (B)				for EQUALIZER/MIC CIRCUIT BOARD			
Q403	0573486	2SC460 (B)				IC501	2327302	FA6001	
Q404	0573486	2SC460 (B)				IC502	2327302	FA6001	
Q405	0573486	2SC460 (B)				IC503	2327302	FA6001	
for PRE-AMPLIFIER CIRCUIT BOARD						CR308	2337011	1S2076	
Q601	2327122	2SC458ALG (C)				CR309	2337011	1S2076	
Q602	2327122	2SC458ALG (C)				CR310	2337011	1S2076	
						CR311	2337011	1S2076	

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SYMBOL NO.	STOCK NO.	DESCRIPTION	SYMBOL NO.	STOCK NO.	DESCRIPTION
CR312	2337011	1S2076	for FM-IF CIRCUIT BOARD		
CR315	2337011	1S2076	L201	2227035	Choke coil (27 μ H)
CR316	2337011	1S2076	L202	2227035	Choke coil (27 μ H)
CR317	2337011	1S2076	L203	2227035	Choke coil (27 μ H)
CR318	2337011	1S2076	L204	2227035	Choke coil (27 μ H)
CR319	2337011	1S2076	T201	2134171	Matching transformer
for AM CIRCUIT BOARD			T202	2140242	Discriminator transformer
CR401	0575002	1N34A	MF201	2134161	Mechanical filter
CR402	0575002	1N34A	MF202	2134161	Mechanical filter
CR403	0575002	1N34A	for FM MPX CIRCUIT BOARD		
for MAIN AMPLIFIER CIRCUIT BOARD			L301	5120145	71 kHz trap coil
CR701	2327041	V06C	L302	0313052	19 kHz trap coil
CR702	2327041	V06C	L303	5120145	71 kHz trap coil
CR703	2327041	V06C	L304	0324005	19 kHz trap coil
CR704	2327041	V06C	T301	0313062	19 kHz tuning coil
CR801	2327041	V06C	T302	0313062	19 kHz tuning coil
CR802	2327041	V06C	T303	0313062	19 kHz tuning coil
CR803	2327041	V06C	for AM CIRCUIT BOARD		
CR804	2327041	V06C	T401	2154013	RF transformer
for POWER SUPPLY CIRCUIT BOARD			T402	2154014	Oscillator transformer
CR901	2327041	V06C	T403	2134194	AM-IF transformer
CR902	2327074	AW01-13	T404	2134194	AM-IF transformer
CR903	0575050	V01G	T405	2134193	AM-IF transformer
CR904	0575050	V01G	for CHASSIS ASSEMBLY		
CR905	0575050	V01G	L1	2134184	Ferrite antenna
CR906	0575050	V01G	T1	2217401	Power transformer
CR907	2327073	AW01-24	T2	2120871	Balun transformer
CR908	2327073	AW01-24	VARIABLE RESISTORS		
for SUB CIRCUIT BOARD			for FM-IF CIRCUIT BOARD		
CR1001	2327041	V06C	VR201	0151253	47k Ω -(B) for FM output level
for CONTROL CIRCUIT BOARD			VR202	0151253	47k Ω -(B) for muting level
CR1101	0575019	1N60(P)	VR203	0151254	100k Ω -(B) for FM signal meter
CR1102	0575019	1N60(P)	for FM MPX CIRCUIT BOARD		
for CHASSIS ASSEMBLY			VR301	0151251	22k Ω -(B) for FM stereo level
CR1	2327041	V06C	VR303	0151251	22k Ω -(B) for FM stereo separation
CR2	2327041	V06C	for AM CIRCUIT BOARD		
CR3	2327041	V06C	VR401	0151253	47k Ω -(B) for AM signal meter
CR4	2327041	V06C	VR402	0151252	10k Ω -(B) for FM output level
COILS & TRANSFORMERS			for PRE-AMPLIFIER CIRCUIT BOARD		
for FM FRONTEND			VR601	0156132	100k Ω -(B) Volume
L101	2154021	Antenna coil	VR602	0156564	100k Ω -(MN) Balance
L102	2227031	Choke coil (0.68 μ H)	VR603	0156134	100k Ω -(B) Treble
L103	2154031	RF coil	VR604	0156134	100k Ω -(B) Base
L104	2227033	Choke coil (10 μ H)	for MAIN AMPLIFIER CIRCUIT BOARD		
L105	2154041	RF coil	VR701	0152518	20k Ω -(B) for main amp. center voltage
L106	2154052	Oscillator coil	VR702	0152517	200 Ω -(B) for main amp. idle current
L107	2227033	Choke coil (10 μ H)	VR801	0152518	20k Ω -(B) for main amp. center voltage
T101	2140237	FM-IF transformer	VR802	0152517	200 Ω -(B) for main amp. idle current

SYMBOL NO.	STOCK NO.	DESCRIPTION	SYMBOL NO.	STOCK NO.	DESCRIPTION
MISCELLANEOUS					
	2518351	FM FRONTEND assembly		2687141	4 pin speaker terminal board
	2518361	FM-IF circuit board assembly		2681353	3 pin antenna terminal board
	2218761	FM MPX circuit board assembly		2680482	T-type mold 5 pin terminal board
	2517731	AM circuit board assembly		2680172	6 pin terminal board
	2518371	Equalizer/Mic circuit board assembly		2680162	4 pin terminal board
	2518381	Pre-amplifier circuit board assembly		0544402	2 pin terminal board
	2518391	Main amplifier circuit board assembly		4113426	Terminal (for FM FRONTEND)
	2518401	Power supply circuit board assembly		2677063	Jack — headphone jack
	2518411	Sub circuit board assembly		2677101	Jack — microphone jack
	2518621	Control circuit board assembly		2670221	Pin jack - 4 p US pin jack
	2518571	Lamp holder circuit board assembly	S1	2617215	Switch — rotary switch (UL TV-2) (for USA, GERMANY)
	4681391	Bushing (for chassis edge)			
	0043793	Bushing (for power cord holding)	S1	2617214	Switch — rotary switch (for CANADA)
			S2	2617221	Switch — rotary switch
			S3-7	2637061	Switch — lever switch
			S8-10	2627012	Switch — slide switch
	4784101	Screw — 3 × 8φ baind tapping screw (for sub circuit board fixing, etc.)		2787141	Connector. — 12 pin circuit board connector
	4784181	Nut — 4φ nut with washer (for transformer fixing)	PL1-7	2767201	Lamp — pilot lamp (6.3V, 250mA) (fuse type)
			PL8-11	2767114	Lamp — pilot lamp (6.3V, 70mA)
	3915131	Dial pointer junction circuit board	PL12-13	2767093	Lamp — pilot lamp(5V, 60mA)
	4370971	Dial pointer slider assembly	PL13	2767184	Lamp — pilot lamp assembly (5V, 60mA)
	3915091	Dial pointer		2667031	Siemens adapter (for 220V set only)
	3915111	Dial scale plate	VC101	0281166	FM variable capacitor
	4358242	Pully	VC 1	0281167	AM variable capacitor
	4564711	Dial cord holding fixture	TC101	0283114	Variable capacitor (6pF MAX.)
	3910252	Antenna arm assembly	TC102	0283118	Variable capacitor (6pF MAX. cylinder type)
	4368721	Tuning shaft assembly	TC103	0283115	Variable capacitor (10pF MAX.)
	4562401	Earth screw	TC104	0283115	Variable capacitor (10pF MAX.)
	2577103	Center tuning meter	TC105	0283115	Variable capacitor (10pF MAX.)
	2577104	Signal strength meter			
	2740241	Cord — AC cord (UL, CSA)	CP301	0186007	CR combination component
	2657051	Socket — AC socket (UL)	CP302	0186007	CR combination component
	0541358	Socket — 5 pin socket (DIN terminal)	for FINAL ASSEMBLY		
	2650113	Socket — transistor socket			
	2720022	Socket — fuse type lamp socket (for CHASSIS)		3241141	Escutcheon assembly
F1	2727086	Fuse — wired in fuse (4A)		4564651	Knob — outside knob (volume, etc.)
F2	2727012	Fuse — fuse (SLOW, AC125V, 3A)(UL) (for 120V set)		3914131	Knob — inside knob (volume, etc.)
				3280702	Knob — lever switch knob
F2	2727134	Fuse — fuse (SLOW, AC250V, 1.5A) (for 220V, 240V set)		3281021	Knob — tuning knob assembly
				4564272	Screw — M4 baind screw (for side board fixing)
F3, 4	2720033	Fuse — fuse (FAST, 3A)		4784101	Screw — 3 × 8φ baind tapping screw (for bed board fixing)
F5-7	2727085	Fuse — wired in fuse (3A)			
	2727062	Holder — fuse holder (UL, CSA)		4926221	Side board assembly (left)
	2720022	Holder — lamp holder		4926222	Side board assembly (right)



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