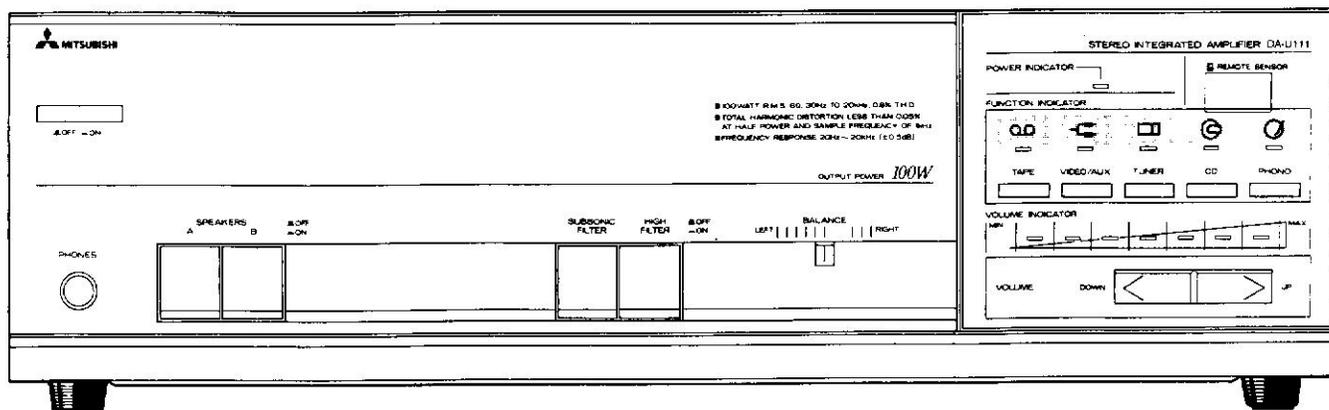


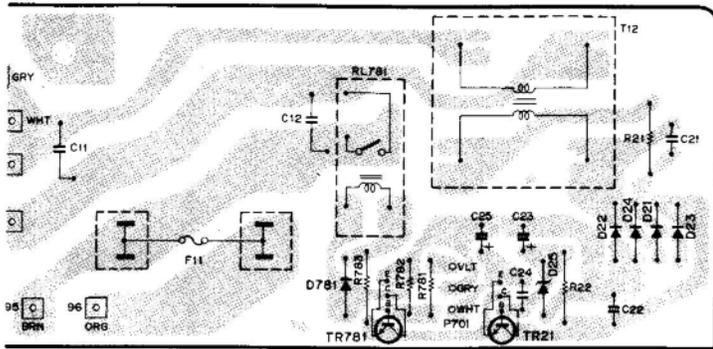


SERVICE MANUAL
STEREO INTEGRATED AMPLIFIER
MODEL DA-U111/DA-U161

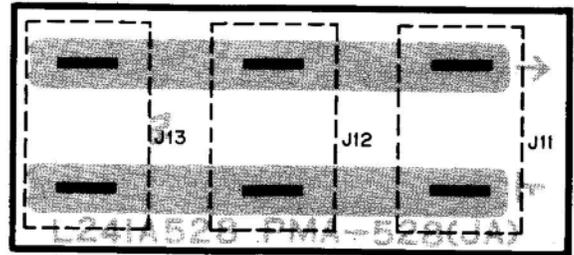


MITSUBISHI ELECTRIC SALES AMERICA, INC.
5757 Plaza Drive, P.O. Box 6007, Cypress, CA 90630-0007 U.S.A.

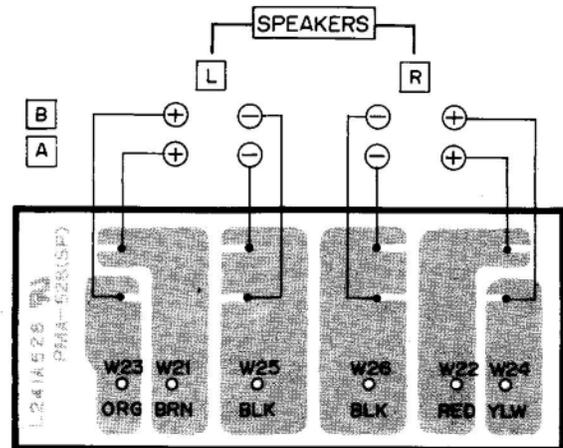
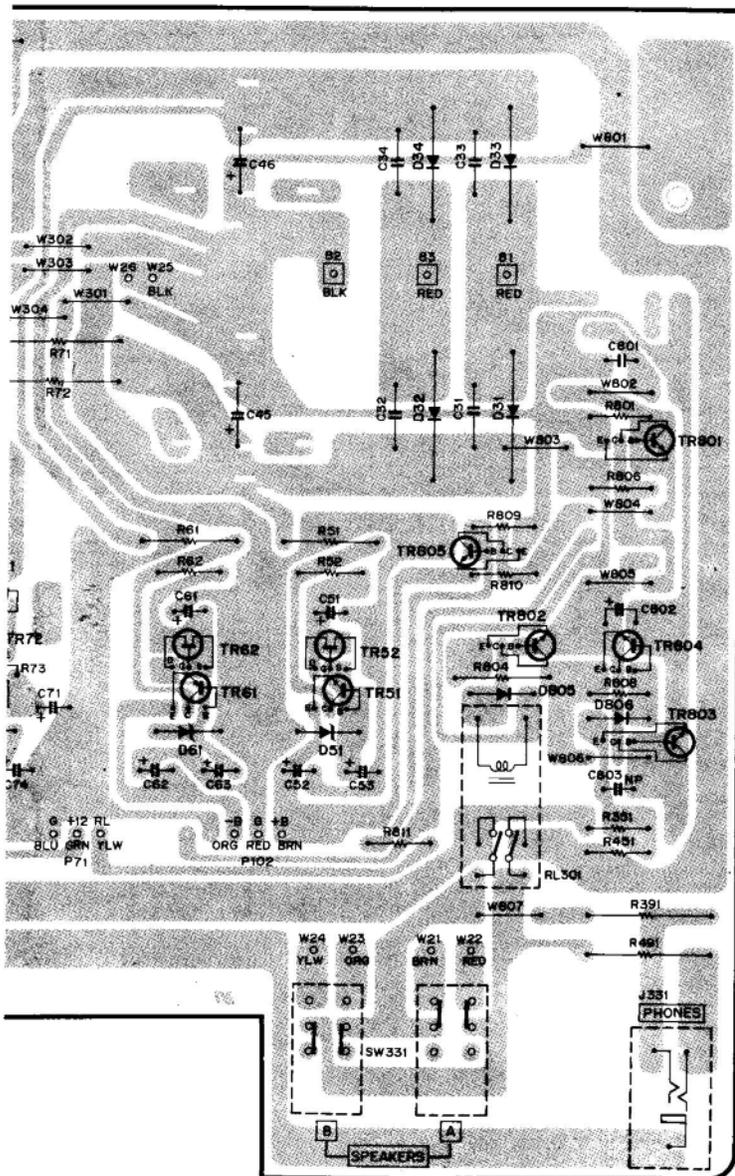
PRIMARY P. C. BOARD



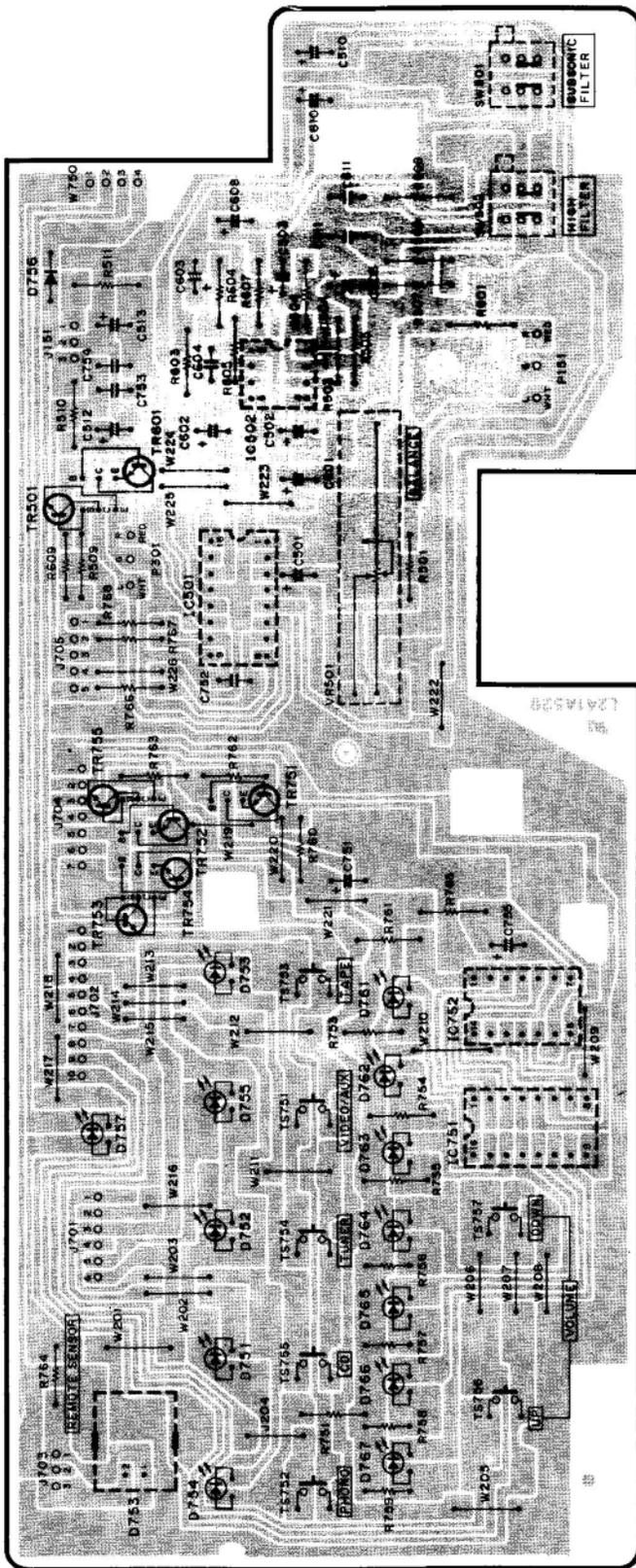
AC. OUTLET P. C. BOARD



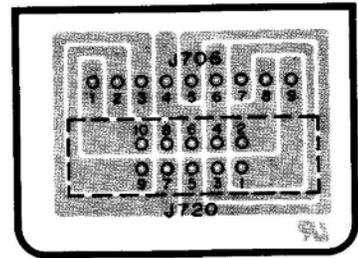
TERMINAL P. C. BOARD



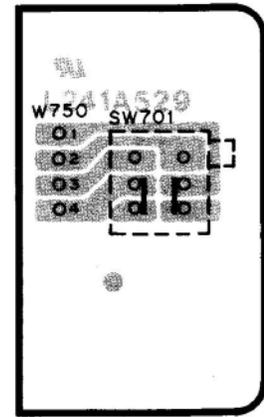
CONTROL P. C. BOARD



CONTROL BUS P. C. BOARD



POWER SWITCH P. C. BOARD



PARTS LIST

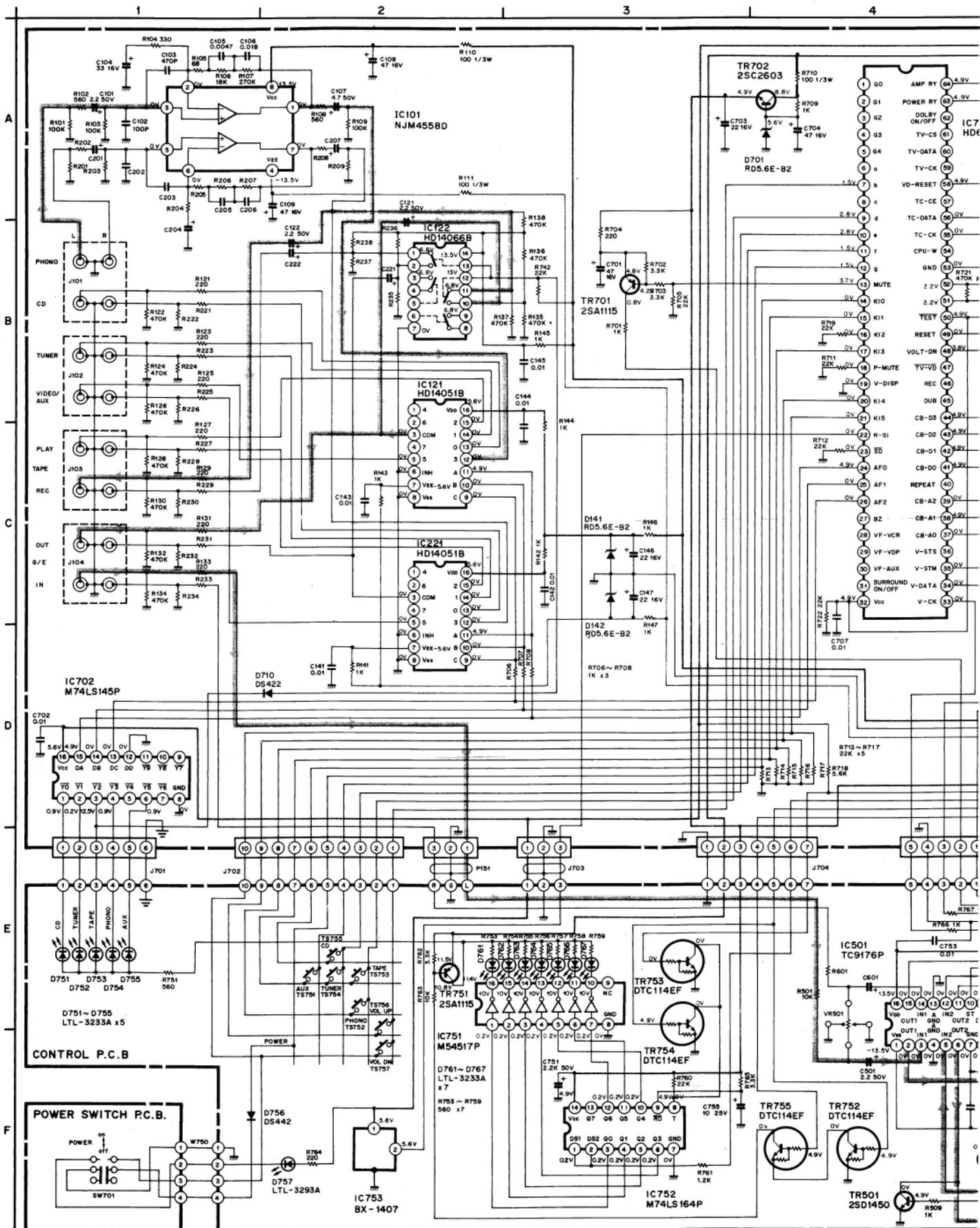
NOTE:  and  designates components on the Parts list that have special characteristics to maintain the safety performance of this unit. When replacing any of these parts, be sure to use only specified parts.

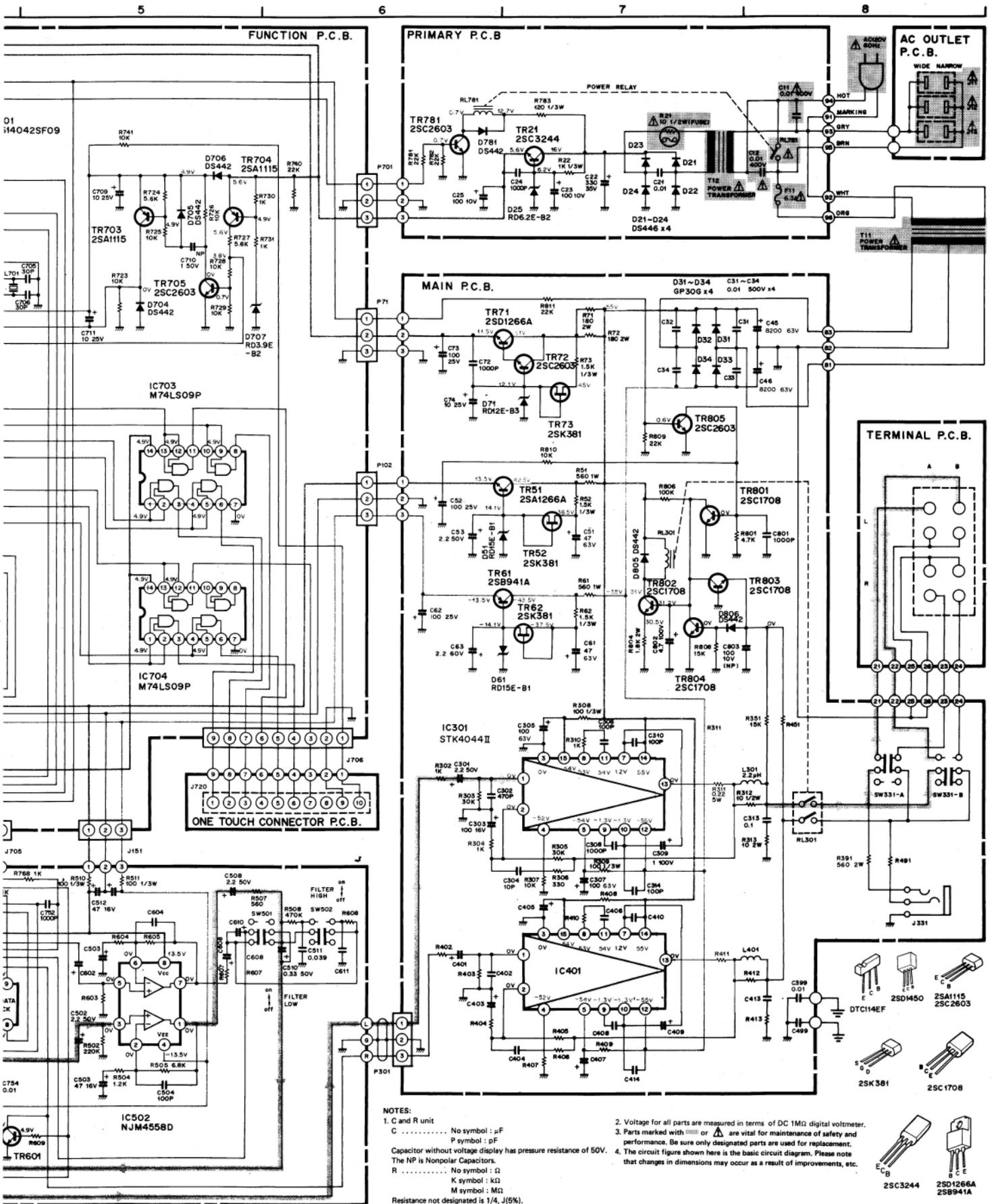
Symbol No.	Parts No.	Description
Diodes		
D21	L264Y212H01	DS446-BT
D22	L264Y212H01	DS446-BT
D23	L264Y212H01	DS446-BT
D24	L264Y212H01	DS446-BT
D25	L264Y213H30	RD6. 2EB2
D31	U264C027H04	GP30G
D32	U264C027H04	GP30G
D33	U264C027H04	GP30G
D34	U264C027H04	GP30G
D51	L264Y213H57	RD15EB1
D61	L264Y213H57	RD15EB1
D71	L264Y213H53	RD12EB3
D141	L264Y213H27	RD5. 6EB2
D142	L264Y213H27	RD5. 6EB2
D701	L264Y213H27	RD5. 6EB2
D704	L264Y211H01	DS442-BT
D705	L264Y211H01	DS442-BT
D706	L264Y211H01	DS442-BT
D707	L264Y213H16	RD3. 9EB2
D710	L264Y211H01	DS442-BT
D751	L268Y034H01	LED LTL3233A
D752	L268Y034H01	LED LTL3233A
D753	L268Y034H01	LED LTL3233A
D754	L268Y034H01	LED LTL3233A
D755	L268Y034H01	LED LTL3233A
D756	L264Y211H01	DS442-BT
D757	L268Y035H01	LED LTL3293A
D761	L268Y034H01	LED LTL3233A
D762	L268Y034H01	LED LTL3233A
D763	L268Y034H01	LED LTL3233A
D764	L268Y034H01	LED LTL3233A
D765	L268Y034H01	LED LTL3233A
D766	L268Y034H01	LED LTL3233A
D767	L268Y034H01	LED LTL3233A
D781	L264Y211H01	DS442-BT
D805	L264Y211H01	DS442-BT
D806	L264Y211H01	DS442-BT
ICs		
IC101	L262Y012H01	NJM4558DX
IC121	L262Y521H01	HD14051B
IC122	L262Y520H01	HD14066B
IC221	L262Y521H01	HD14051B
IC301	L262Y539H01	STK4044 II (DA-U111)
IC301	L262Y540H01	STK4048 II (DA-U161)
IC401	L262Y539H01	STK4044 II (DA-U111)
IC401	L262Y540H01	STK4048 II (DA-U161)

Symbol No.	Parts No.	Description
IC501	L262Y519H01	TC9176P
IC502	L262Y012H01	NJM4558DX
IC701	L262Y526H02	HD614042SF09
IC702	U262S151H01	M74LS145P
IC703	L262Y522H01	M74LS09P
IC704	L262Y522H01	M74LS09P
IC751	U262S153H01	M54517P
IC752	L262Y523H01	M74LS164P
IC753	L262Y541H01	BX1407
Transistors		
TR21	L260Y507H01	2SC3244 (D, E)
TR51	L260Y509H01	2SD1266A (P, Q)
TR52	U260S510H04	2SK381 (D)
TR61	L260Y510H01	2SB941A (P, Q)
TR62	U260S510H04	2SK381 (D)
TR71	L260Y509H01	2SD1266A (P, Q)
TR72	U260S505H06	2SC2603 (E, F)
TR73	U260S510H04	2SK381 (D)
TR501	U260S513H03	2SD1450 (R, S)
TR601	U260S513H03	2SD1450 (R, S)
TR701	U260S504H06	2SA1115 (E, F)
TR702	U260S505H06	2SC2603 (E, F)
TR703	U260S504H06	2SA1115 (E, F)
TR704	U260S504H06	2SA1115 (E, F)
TR705	U260S505H06	2SC2603 (E, F)
TR752	L260Y519H16	DTC114EF
TR753	L260Y519H16	DTC114EF
TR754	L260Y519H16	DTC114EF
TR755	L260Y519H16	DTC114EF
TR781	U260S505H06	2SC2603 (E, F)
TR801	U260D125H01	2SC1708 (F)
TR802	U260D125H02	2SC1708 (G)
TR803	U260D125H01	2SC1708 (F)
TR804	U260D125H01	2SC1708 (F)
TR805	U260S505H06	2SC2603 (E, F)
Electrical parts		
C11	U140S005H60	C-CERAMIC 500V 0.01
C12	U140S005H60	C-CERAMIC 500V 0.01
C31	U140S005H60	C-CERAMIC 500V 0.01
C32	U140S005H60	C-CERAMIC 500V 0.01
C33	U140S005H60	C-CERAMIC 500V 0.01
C34	U140S005H60	C-CERAMIC 500V 0.01
C45	L180Y501H01	C-ELECT 63V 8200 (DA-U111)

Symbol No.	Parts No.	Description
C45	L180Y020H01	C-ELECT 75V 10000 (DA-U161)
C46	L180Y501H01	C-ELECT 63V 8200 (DA-U111)
C46	L180Y020H01	C-ELECT 75V 10000 (DA-U161)
FL701	L365Y507H01	CERAMIC-FILTER
L301	U351D050H01	COIL
L401	U351D050H01	COIL
R311	U104S033H01	R-CEMENT 5W 0.22K
R314	U104S033H01	R-CEMENT 5W 0.22K (DA-U161)
R315	U104S033H01	R-CEMENT 5W 0.22K (DA-U161)
R316	U104S033H01	R-CEMENT 5W 0.22K (DA-U161)
R411	U104S033H01	R-CEMENT 5W 0.22K (DA-U161)
R414	U104S033H01	R-CEMENT 5W 0.22K (DA-U161)
R415	U104S033H01	R-CEMENT 5W 0.22K (DA-U161)
R416	U104S033H01	R-CEMENT 5W 0.22K (DA-U161)
RL301	L287Y501H01	RELAY
SW331A SW331B	L432Y528H01	SW-PUSH
SW501	L432Y518H02	SW-PUSH
SW502	L432Y518H02	SW-PUSH
SW701	L432Y518H02	SW-PUSH POWER
TS751	L432Y519H01	SW-PUSH
TS752	L432Y519H01	SW-PUSH
TS753	L432Y519H01	SW-PUSH
TS754	L432Y519H01	SW-PUSH
TS755	L432Y519H01	SW-PUSH
TS756	L432Y519H01	SW-PUSH
TS757	L432Y519H01	SW-PUSH
VR501	L131Y022H01	VR-SLIDE SB250K
Packing		
101	L800B505H38	PACKING BOX (DE-2100R)
	L800B505H39	PACKING BOX (DE-3100R)
101	L803B001H58	PACKING SLEEVE (DA-U111)
101	L803B001H59	PACKING SLEEVE (DA-U161)
102	L813A505H01	CUSHION-MOLD
103	L840D501H11	COVER-SET
	L850A012H23	WARRANTY CARD (DA-U111)
	L850A012H25	WARRANTY CARD (DA-U161)
	L871B003H86	INSTRUCTION BOOKLET (DA-U111)
	L871B003H88	INSTRUCTION BOOKLET (DA-U161)
	L905Y008H11	REMOTE CONTROL

SCHEMATIC DIAGRAM (DA-U111)





- NOTES:**
- C and R unit
 C No symbol : μF
 P symbol : μF
 Capacitor without voltage display has pressure resistance of 50V.
 The NP is Nonpolar Capacitors.
 R No symbol : Ω
 K symbol : $\text{k}\Omega$
 M symbol : $\text{M}\Omega$
 Resistance not designated is 1/4, J(5%).
 - Voltage for all parts are measured in terms of DC 1M Ω digital voltmeter.
 - Parts marked with Δ or Δ are vital for maintenance of safety and performance. Be sure only designated parts are used for replacement.
 - The circuit figure shown here is the basic circuit diagram. Please note that changes in dimensions may occur as a result of improvements, etc.

