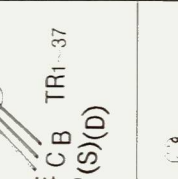
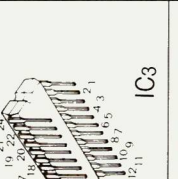
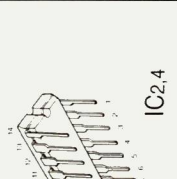
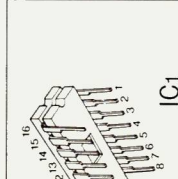
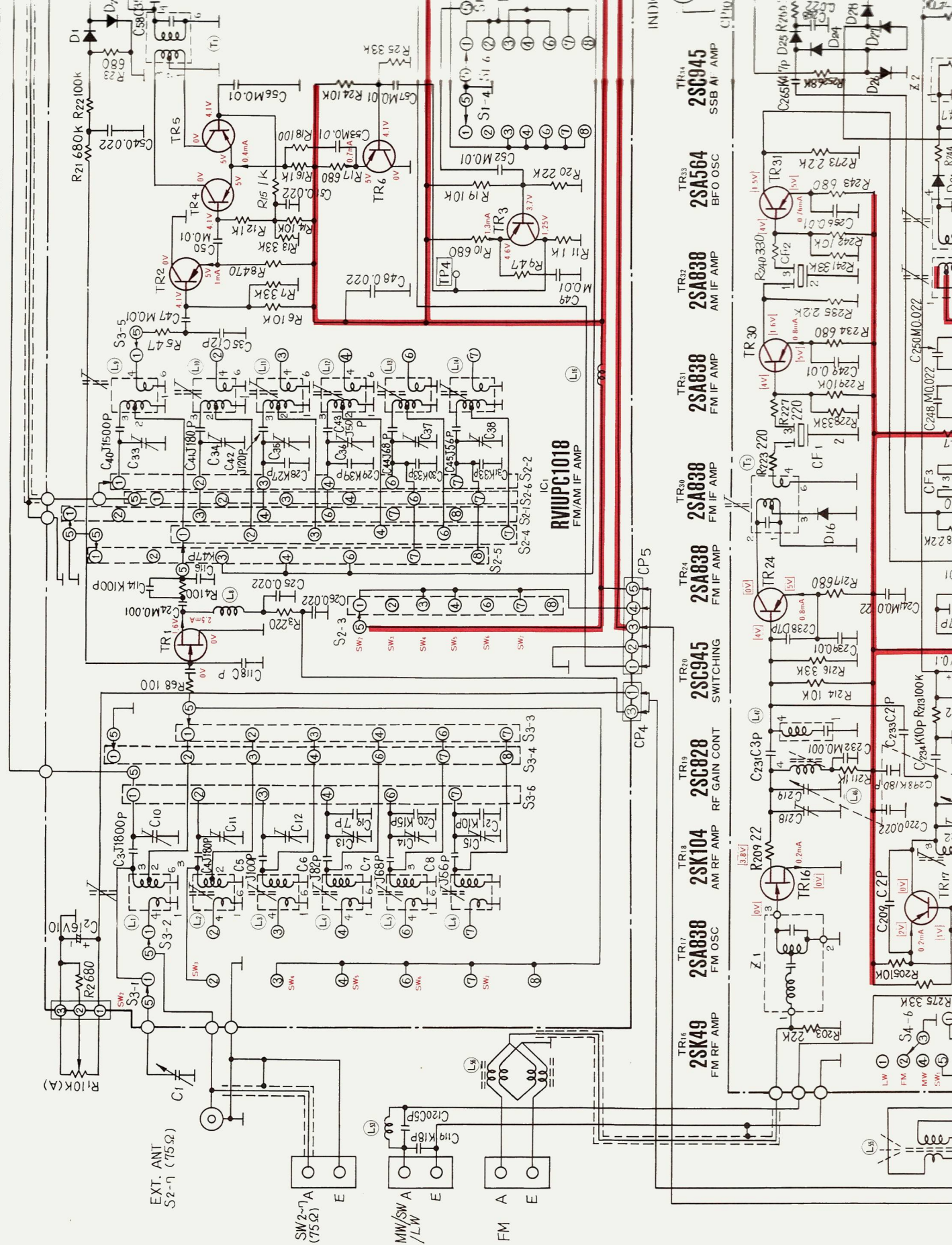
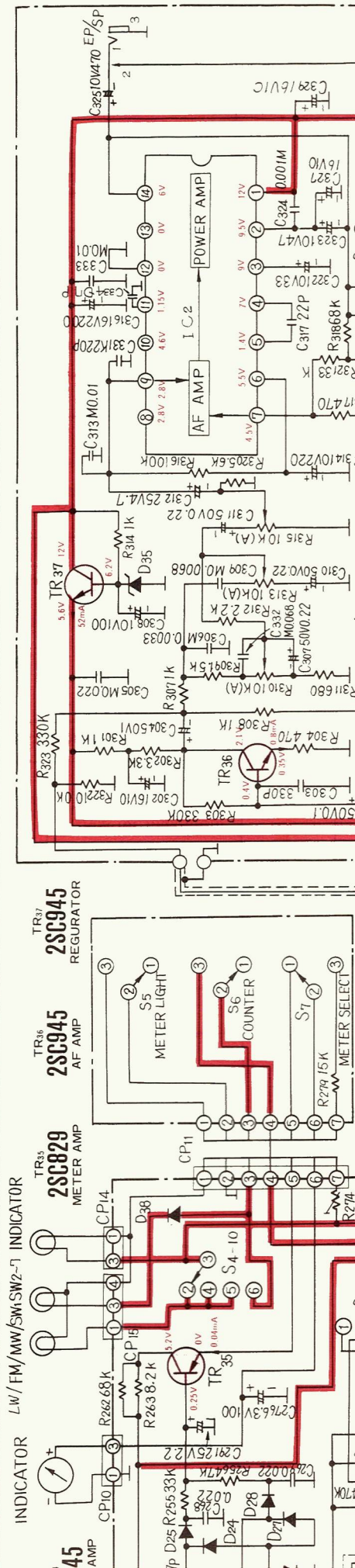
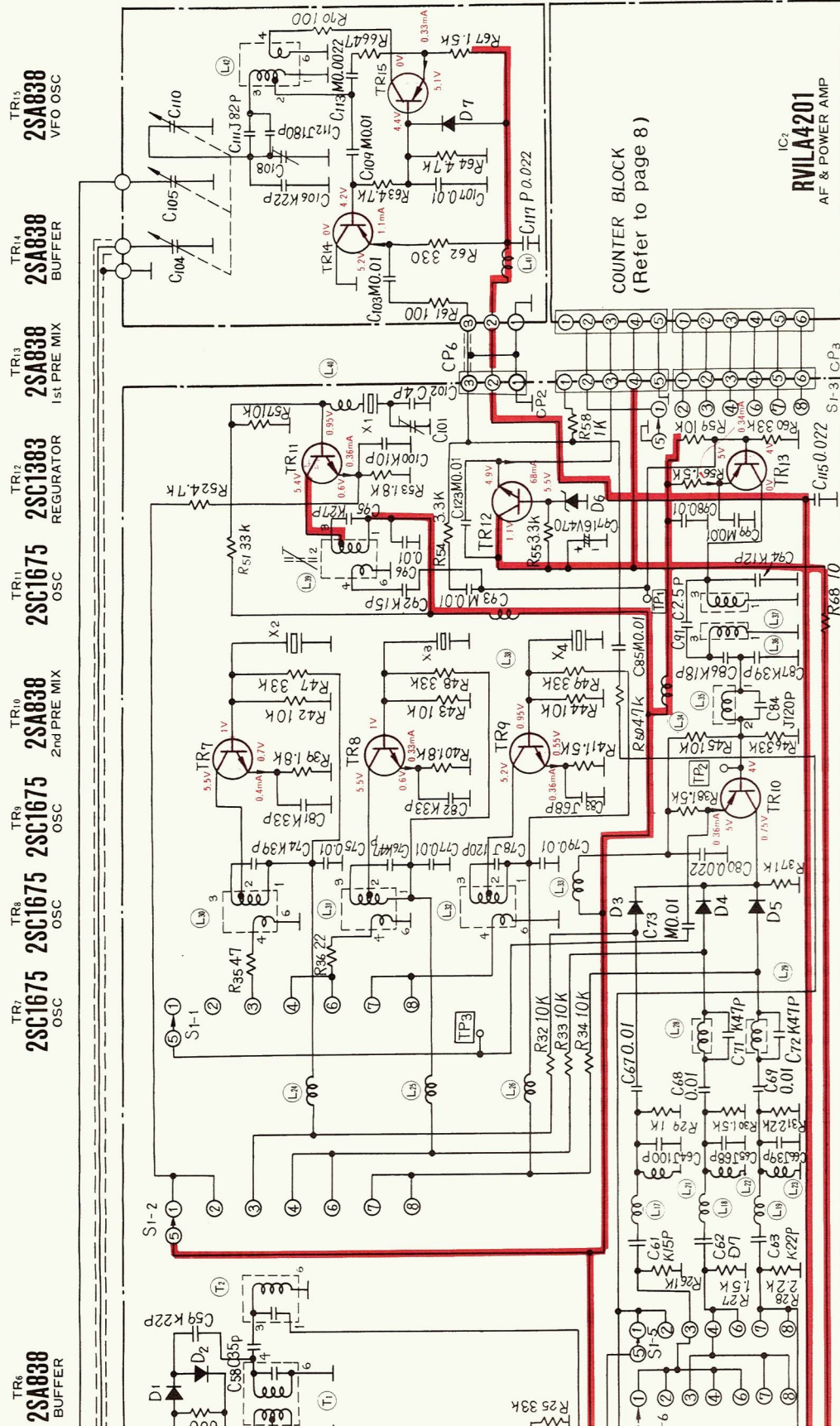


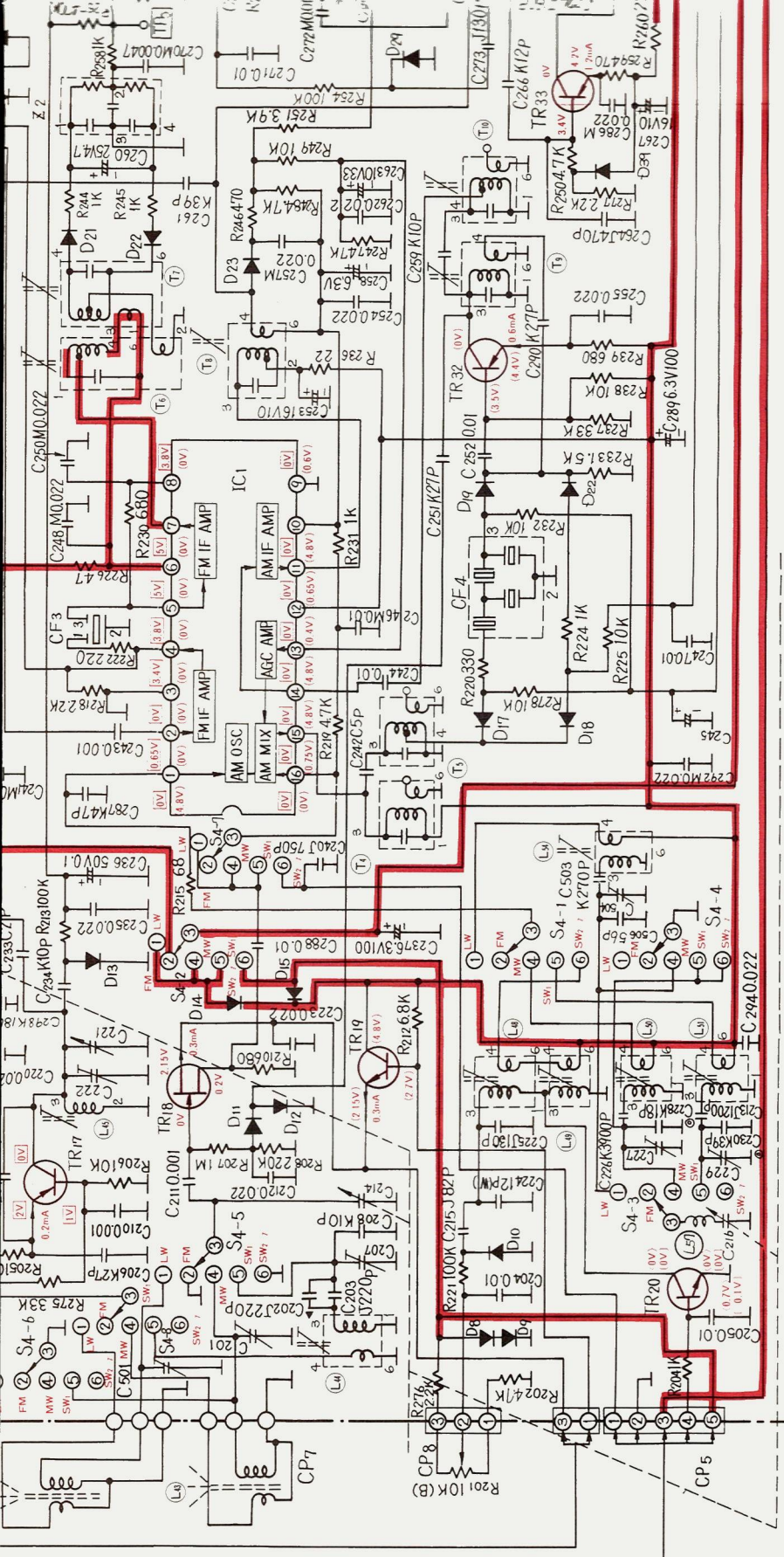
Schematic Diagram -

TR₁ 2SK49 SW RF AMP
TR₂ 2SA838 SW RF AMP
TR₃ 2SA838 SW RF AMP
TR_{4,5} 2SA838 SW MIX
TR₆ 2SA838 BUFFER



m - Model RF-4800LBS

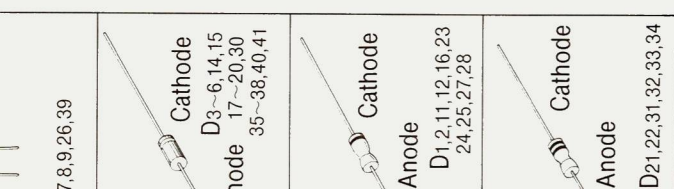


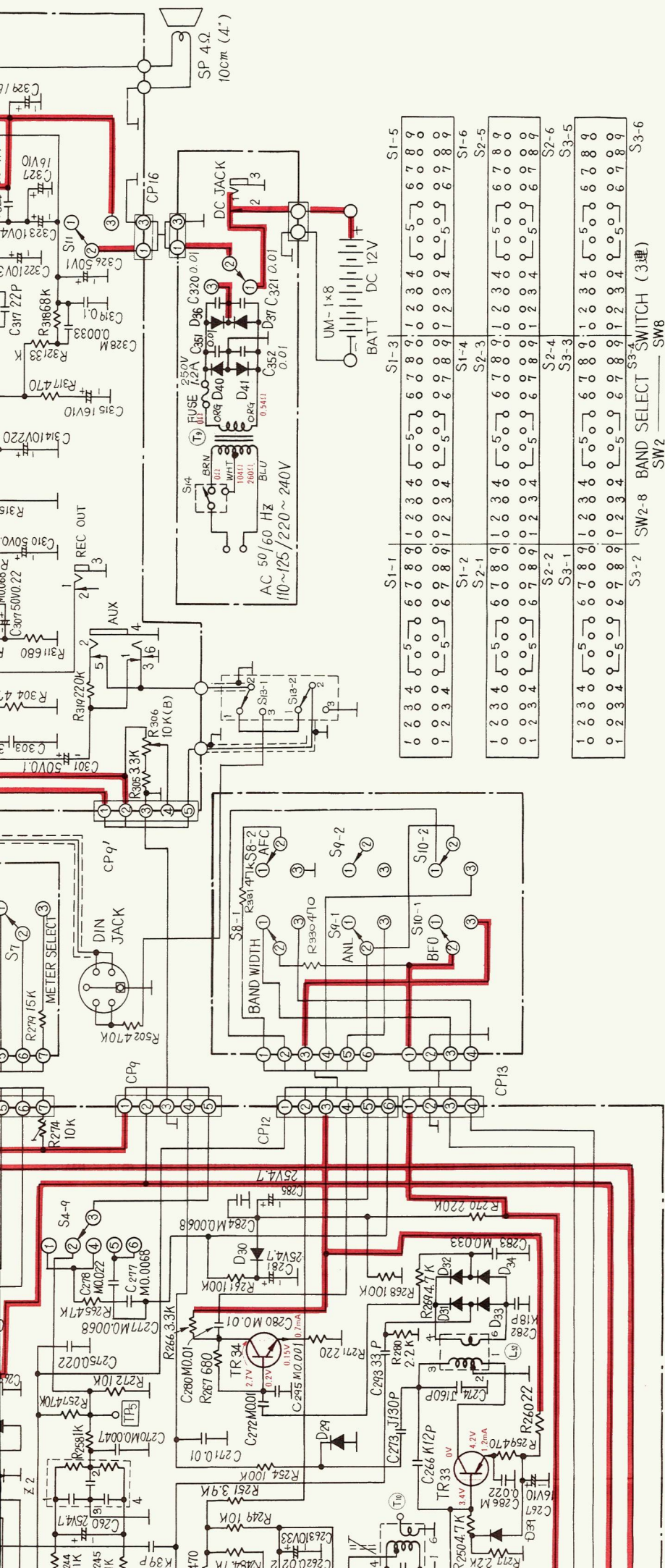


C	119	120	1	114	2	3 ~ 21	118	23	24 ~ 26	116	27 ~ 46	248	249 ~ 253	289	254 ~ 259	290	260 ~ 264	285 ~ 274	22 ~ 24	25	260		
	501	201 ~ 207		208 ~ 216	218 ~ 230	248	231 ~ 240	288	503 ~ 506	287	241 ~ 245	292	246	247									
R	1									3	4												
	201	276	202 ~ 204	205	221	275	206 ~ 208	209	210	211	212	213 ~ 216	217	218 ~ 221	276	222 ~ 226	227 ~ 233	234 ~ 239	240 ~ 242	243 ~ 250	277	273	251 ~ 260

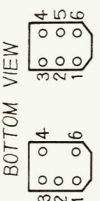
IMPORTANT SAFETY NOTICE—
THE SHADED AREA ON THIS SCHEMATIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPROVED FOR SAFETY. WHEN SERVICING IT IS ESSENTIAL THAT THE MANUFACTURER'S SPECIFIED PARTS BE USED IN THE CRITICAL COMPONENTS IN THE SHADED AREA OF THE SCHEMATIC.

- Notes:**
1. S₁~S₁₀: Band switch (SW₂~) in "SW₂" position.
 2. S₁₁~S₁₃: Radio-Phono selector in "RADIO" position.
 3. S₁₄: Light switch in "OFF" position.
 4. S₁₅: Digital display switch in "OFF" position.
 5. S₁₆: Indicator switch in "SIGNAL" position.
 6. S₁₇, S₁₈: FM ATC/Band Width switch in "NARROW" position.
 7. S₁₉: AM ANL switch in "OFF" position.
 8. S₂₀~S₂₂: AM mode switch in "AM" position.
 9. S₂₃: Power switch in "OFF" position.
10. S₁₂: AC-BATTERY selector in "BATTERY" position.
11. S₁₃~S₁₅: Radio-Phono selector in "RADIO" position.
12. DC voltage measurements are taken with circuit tester 10kΩ/V from negative side of batteries.
13. Battery current: No signal 45mA
Maximum output 600mA

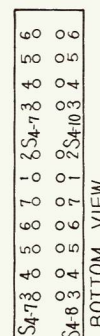




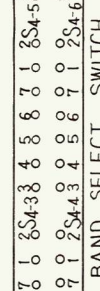
4	55 ~ 57	58	59	60	61 ~ 63	64 ~ 69	70 ~ 72	73	74 ~ 80	81 ~ 83	84 ~ 87	91 ~ 94	95 ~ 100	101	102	103 ~ 107	108 ~ 113										
264	265 ~ 274	293	275 ~ 283	291	284	285	29 ~ 31	32 ~ 34	35	36	37	38	39 ~ 46	47 ~ 50	51 ~ 55	56 ~ 60	61	62	63	64	66	67	70				
250	271	273	251 ~ 260	272	280	271	262 ~ 269	270	274	330	500	279	322	323	331	320	321	301 ~ 306	307 ~ 311	332	312 ~ 314	315	320	316	317	321	318



BOTTOM VIEW



BOTTOM VIEW



BOTTOM VIEW

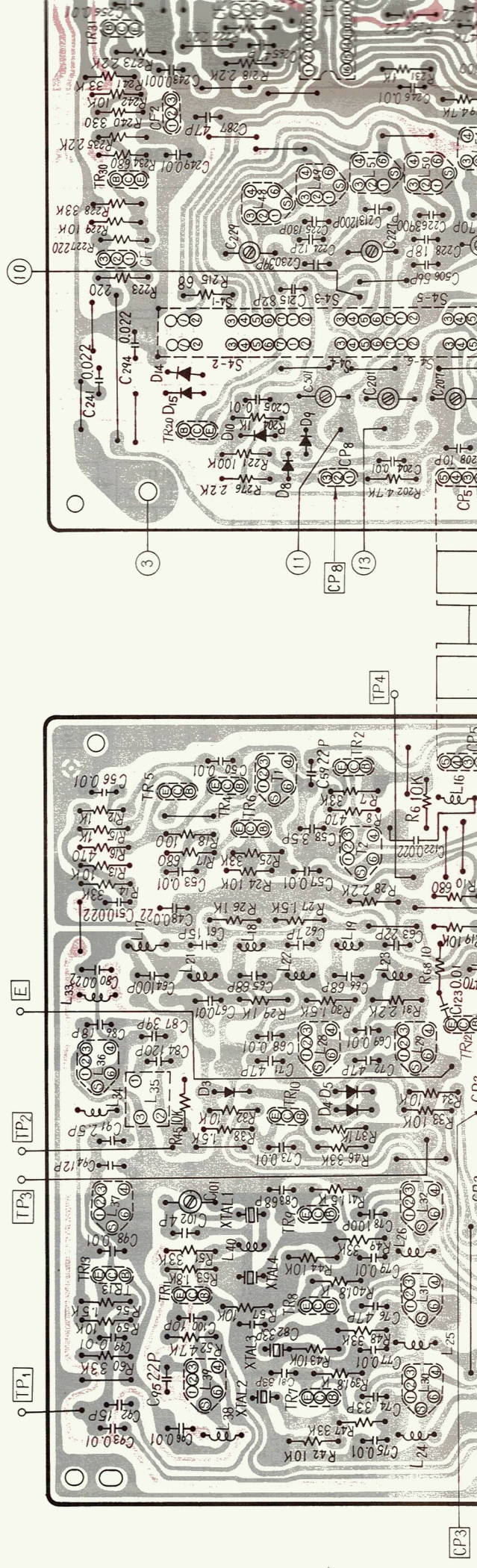
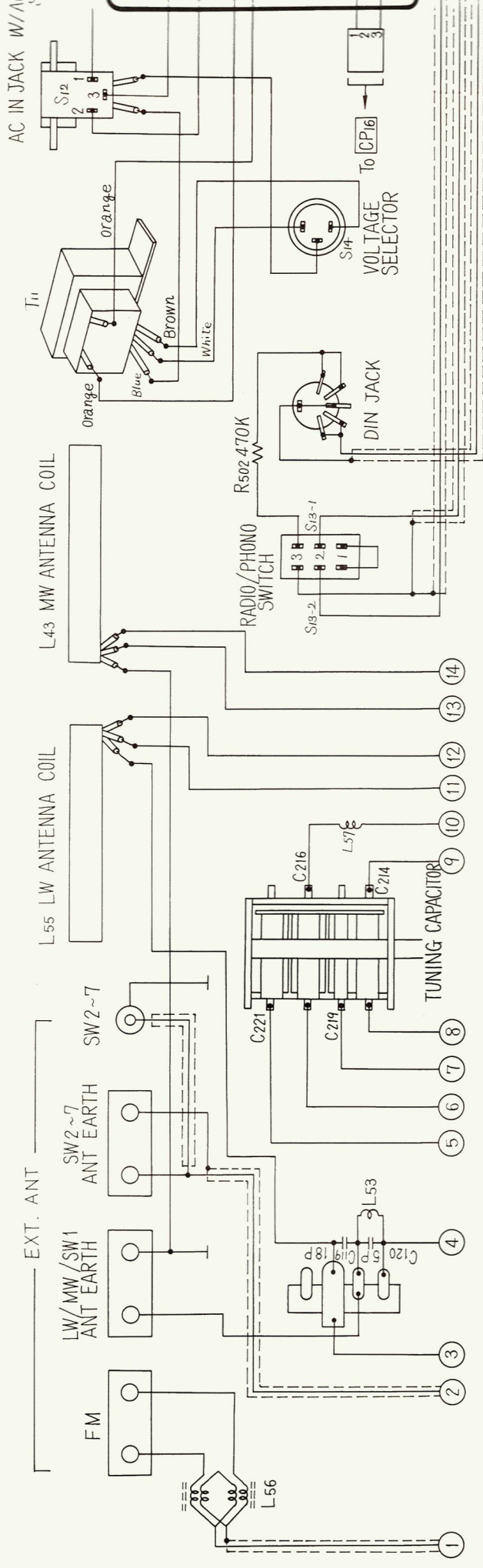
D ₃₀	MA150	ANL
D ₃₁ ~ ₃₄	2-OA90	BFO DET
D ₃₅	RVDMZ206	Zener
D _{36,37}	RVD10E1LF	RECT
D ₃₈	MA150	SWITCHING
D ₃₉	RVDDVD1251M	AOC
D _{40,41}	RVD10E1LF	RECT

D _{14,15}	MA150	SWITCHING
D ₁₆	OA90	FM AGC
D ₁₇ ~ ₂₀	MA150	SWITCHING
D _{21,22}	2-OA90	FM DET
D ₂₃ ~ ₂₅	OA90	AM METER RECT
D ₂₆	RVDDVD1150L	AOC
D _{27,28}	OA90	FM METER RECT
D ₂₉	RVDDSD113	BFO DET

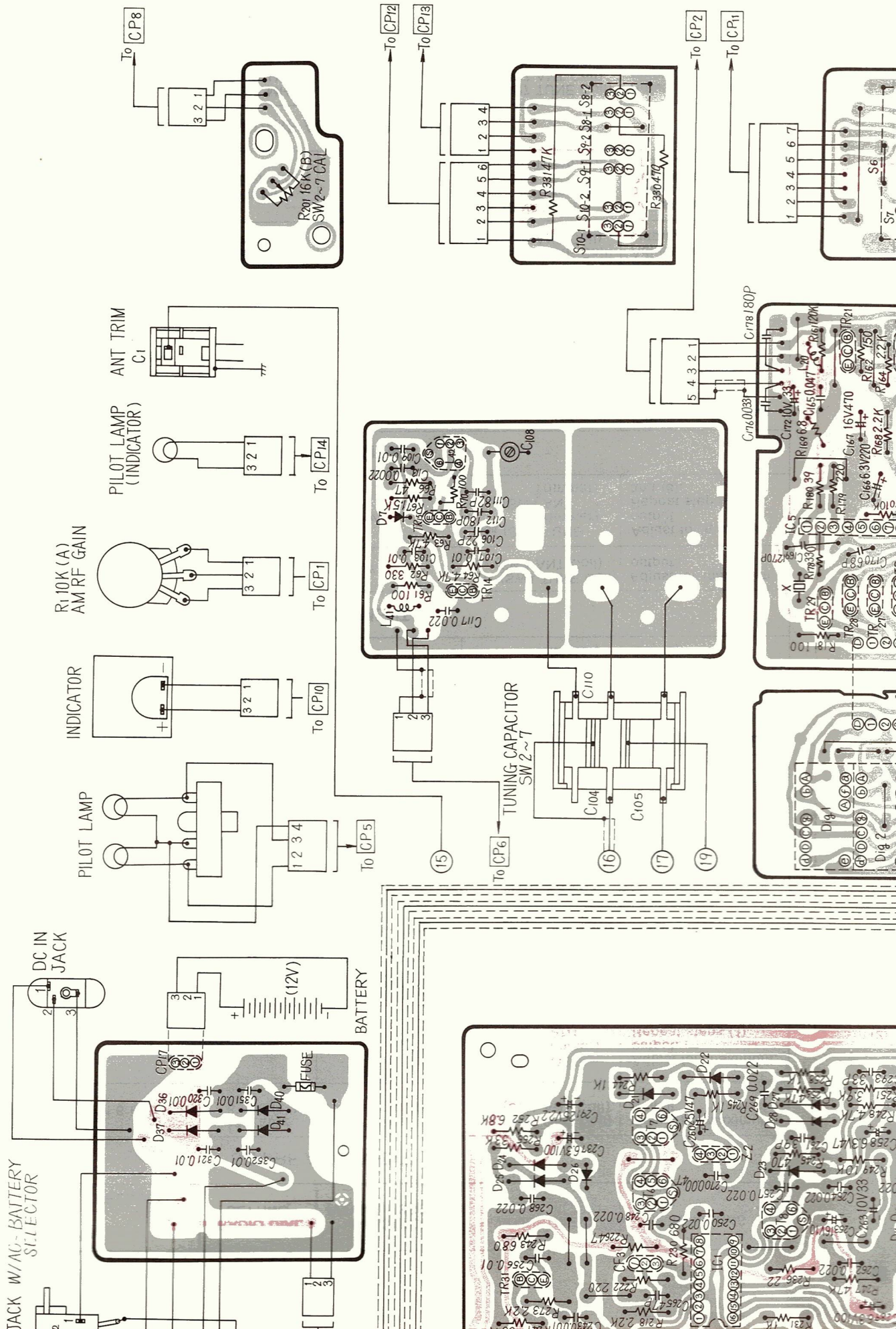
D _{1,2}	OA90	SW AGC
D ₃ ~ ₅	MA150	SWITCHING
D ₆	RVDEQ0106RF	ZENER
D ₇	RVDDVD1251M	AOC
D _{8,9}	RVDDVD1252L	AOC
D ₁₀	RVDDSD113	COUNT ADJUST
D _{11,12}	OA90	AM AGC
D ₁₃	RVDDSD113	FM AFC

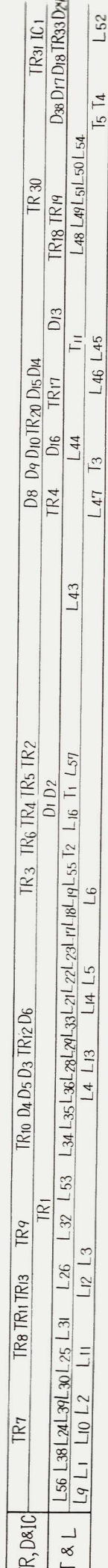
SAFETY NOTICE
 AREA ON THIS SCHEMATIC DIAGRAM
 SPECIAL FEATURES IMPORTANT
 IT IS ESSENTIAL THAT ONLY
 SPECIFIED PARTS BE USED FOR
 COMPONENTS IN THE SHADED AREAS
 ETC.

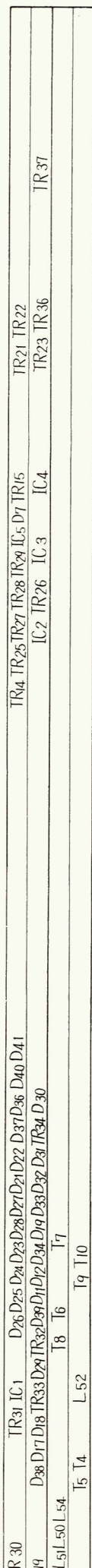
Circuit Board Wiring View



View – Model RF-4800LBS







TR ₄	TR ₂₅	TR ₂₇	TR ₂₈	TR ₂₉	IC ₅	D ₇	TR ₁₅	TR ₂₁	TR ₂₂	
		IC ₂	TR ₂₆	IC ₃			IC ₄	TR ₂₃	IR ₃₆	IR ₃₇