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MAIN P.C. BOARD

WIRING CHART

PIN NO.	WIRING CONNECTIONS
1	red wire to AC power jack
2	black wire to DC power jack
3	red wire to power switch
4	orange wire to pin 22 on switch board
	orange wire to RV608
5	blue wire to pin 23 on main p.c. board
	orange wire to pin 6 on switch board
6	dark pink wire to pin 15 on switch board
	light pink wire to pin 22 on main p.c. board
7	green wire to fine tune switch
8	pink wire to mic jack
9	orange/white wire to fine tune switch
10	white wire to T2 on main p.c. board
11	blue wire to T2 on main p.c. board
12	pink wire to RV608
13	yellow wire to remote jack
	yellow wire to PA jack
14	white wire to pin 4 on function switch p.c. board
15	white wire to pin 4 on syn/osc p.c. board
	white wire to pin 9 on function switch p.c. board
16	green wire to pin 10 on function switch p.c. board
17	brown wire to pin 5 on function switch p.c. board
18	black wire to T2 on main p.c. board
19	gray shield to volume switch
	pink wire to volume switch
20	gray shield to pin 11 on switch p.c. board
	pink wire to pin 11 on switch p.c. board
21	blue/white wire to pin 2 on switch p.c. board
22	light pink wire to pin 6 on main p.c. board
23	blue wire to pin 5 on main p.c. board
	blue wire to pin 18 on function switch board
24	brown/white wire to phone jack
25	yellow wire to speaker
26	yellow/white wire to pin 3 on function switch p.c. board
27	no wire
28	orange/white wire to pin 1 on switch p.c. board
29	purple wire to pin 13 on function switch p.c. board
30	no wire
31	blue wire to pin 45 on main p.c. board
	gray wire to pin 11 on function switch p.c. board
32	orange wire to pin 21 on switch p.c. board
33	no pin
34	copper wire to L601
	gray shield to pin 3 on swr p.c. board
	clear wire to pin 3 on swr p.c. board
35	thick gray wire to pin G on swr p.c. board
36	copper wire to L601
37	red/white wire to pin 6 on function switch p.c. board
	green wire to hole d on main p.c. board
38	orange/white wire to squelch switch
39	red/white wire to squelch switch
40	red wire to pin 12 on function switch p.c. board
41	gray wire to RF GAIN switch
42	purple wire to MOD CAL switch
	purple wire to S-meter
43	gray shield to pin 17 on function switch p.c. board
	white wire to pin 17 on function switch p.c. board
44	gray wire with brown tip to pin G3 on function switch p.c. board
	gray wire with brown tip to no where
45	blue wire to pin 31 on main p.c. board
46	gray with brown tip to pin 8 on switch p.c. board
	gray with orange tip wire to volume switch
47	yellow wire to pin 14 on function switch p.c. board
48	no pin
49	no pin
50	no pin
51	black/white wire to pin 1 on function switch p.c. board
U	white wire to RF GAIN switch

EO-3078-C-107

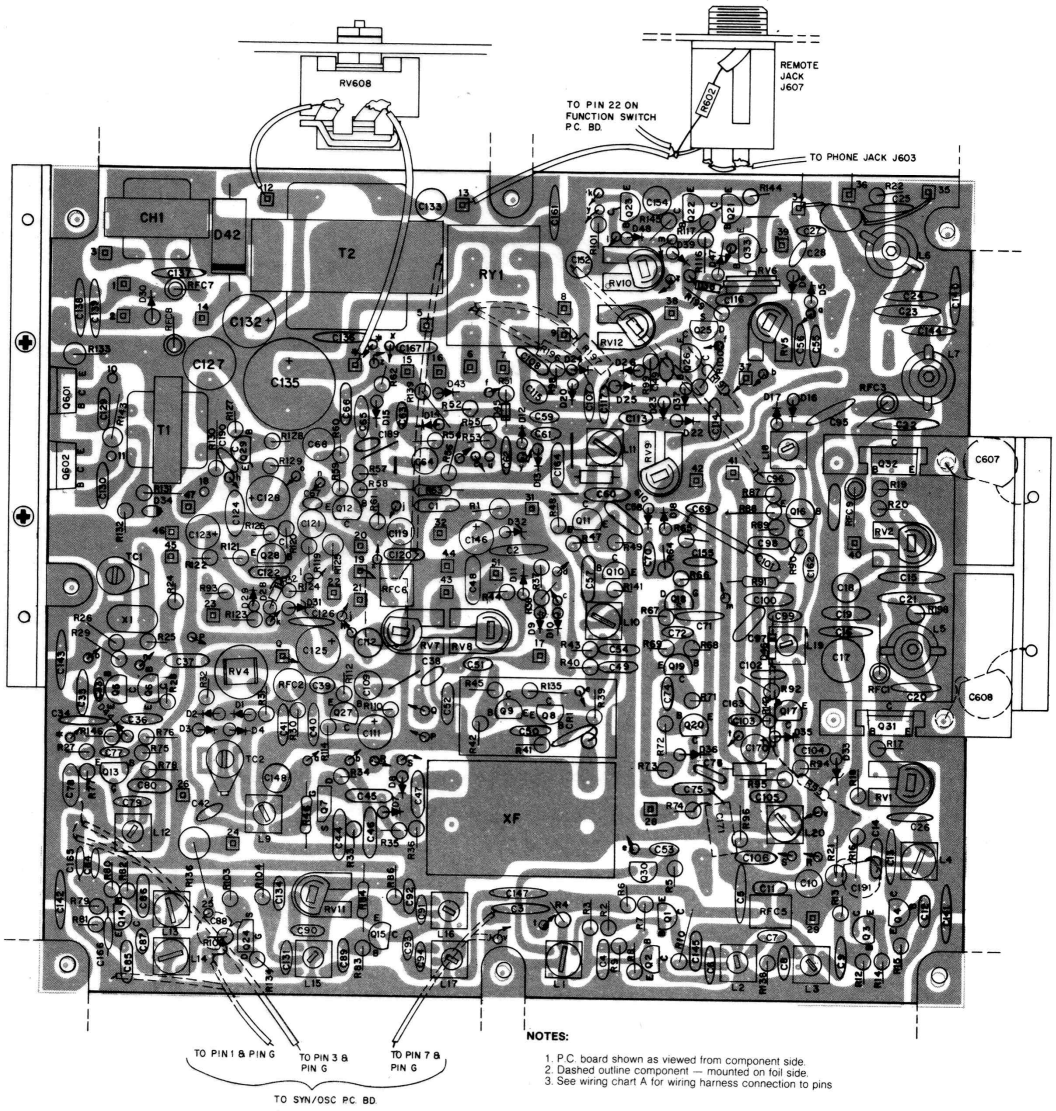


Figure 4-1

Component Outline - Main P.C. Board

Component Outline
Synthesizer/Oscillator P.C. Board

EO-3078-B-116

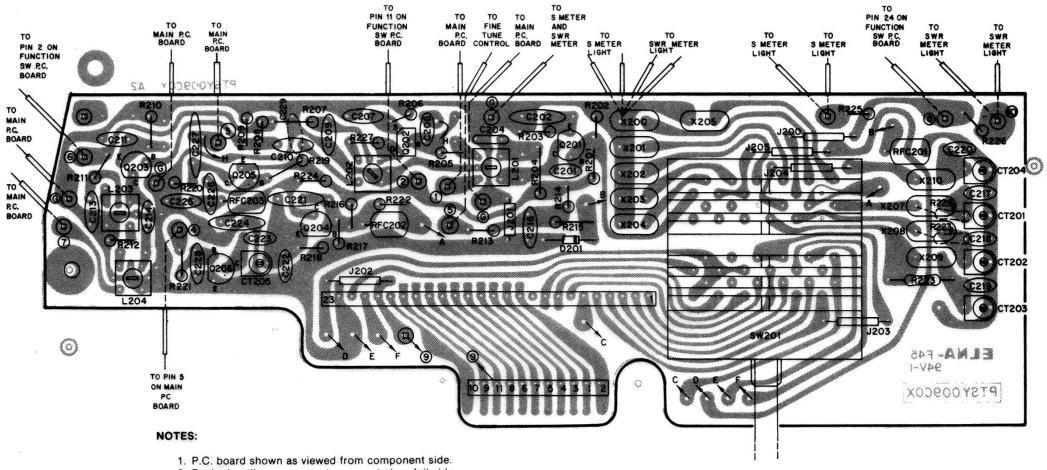
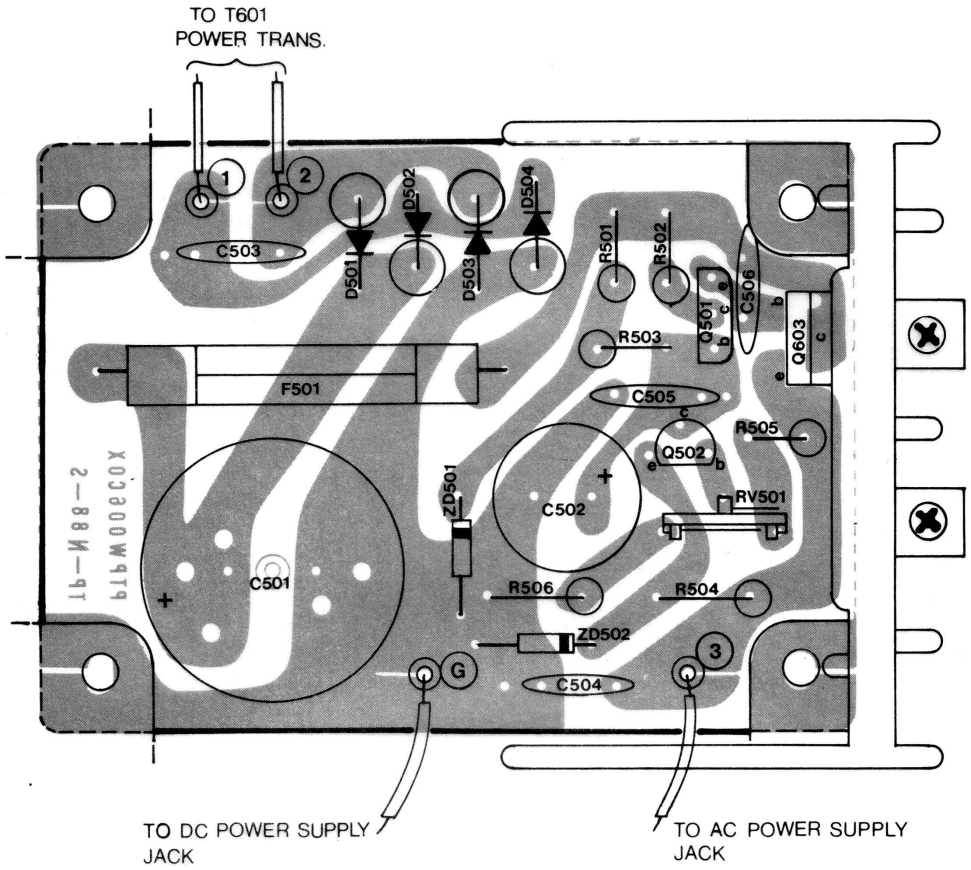


Figure 4-2

Component Outline Synthesizer/Oscillator P.C.Board

Component Outline
Power Supply P.C. Board

EO-3078-A-115



NOTES:

1. P.C. board shown as viewed from component side.
2. Dashed outline component — mounted on foil side.

Figure 4-3

Component Outline Power Supply P.C. Board