

Model: radar Gun part list

Jul 28,2001

Main-PCB

Item	Qty	Reference	Part Name	Value
1	1	Q3	Transistor	9012
2	1	Q4	Transistor	9012
3	1	Q6	Transistor	9012
4	1	Q5	Transistor	9014C
5	1	U4	IC	78L05
9	1	Q1	Transistor	8550
10	1	Q2	Transistor	2N2222
11	1	C7	E-CAP	100UF
12	1	C9	E-CAP	100UF
13	1	C11	E-CAP	10UF
14	1	C1	C.CAP	0.1UF
15	1	C2	C.CAP	0.1UF
16	1	C3	C.CAP	0.1UF
17	1	C4	C.CAP	0.1UF
18	1	C8	C.CAP	0.1UF
19	1	C10	C.CAP	0.1UF
20	1	CX	C.CAP	0.001UF
21	1	D1	DIODE	1N4148
22	1	D2	DIODE	1N4148
23	1	D3	DIODE	1N4148
24	1	D4	DIODE	1N4148
25	1	D5	DIODE	1N4148
26	1	D6	DIODE	1N4148
27	1	D7	DIODE	1N4148
28	1	Z1	DIODE-ZENER	3.9V
29	1	C14	ECAP	22UF
30	1	C15	ECAP	22UF
31	1	C16	ECAP	22UF
32	1	C17	ECAP	47UF
33	1	C23	ECAP	22UF
34	1	U3	LCD	
36	1	R1	RESISTOR	2M
37	1	R6	RESISTOR	47K
38	1	RX	RESISTOR	220
39	1	R2	RESISTOR	39K
40	1	R3	RESISTOR	1K
41	1	R4	RESISTOR	22K
42	1	R5	RESISTOR	100K
43	1	R7	RESISTOR	47K
44	1	R8	RESISTOR	47K
45	1	R9	RESISTOR	47K
46	1	R10	RESISTOR	10K
47	1	R11	RESISTOR	1K
48	1	R12	RESISTOR	47K
49	1	R13	RESISTOR	100K

50	1	R14	RESISTOR	47K
51	1	R15	RESISTOR	1K
52	1	R16	RESISTOR	10K
53	1	R17	RESISTOR	47K
54	1	R18	RESISTOR	27K
55	1	R19	RESISTOR	18K
56	1	R20	RESISTOR	100K
57	1	R21	RESISTOR	47K
58	1	U2	IC	SPL10A
59	1	SW6	SWITCH	
60	1	SW1	RUBBER KEY	
61	1	SW2	RUBBER KEY	
62	1	SW3	RUBBER KEY	
63	1	SW4	RUBBER KEY	

Pre-amp PCB

Item	Qty	Reference	Part Name	Value
1	1	Q1	TRANSISTOR	MMBT6428
2	1	C9	E-CAP	1UF
3	1	C19	E-CAP	10uf
4	1	C1	C.CAP	0.1U
5	1	C2	C.CAP	0.1U
6	1	C3	C.CAP	102
7	1	C4	C.CAP	0.1U
8	1	C5	C.CAP	0.033
9	1	C6	C.CAP	1000P
10	1	C7	C.CAP	0.033
11	1	C8	C.CAP	4700P
12	1	D1'	DIODE	1N4001
13	1	U1	IC	LM324
14	1	R3	RESISTOR	68K
15	1	R4	RESISTOR	27K
16	1	R5	RESISTOR	68K
17	1	R6	RESISTOR	1K
18	1	R7	RESISTOR	27K
19	1	R8	RESISTOR	120
20	1	R9	RESISTOR	220K
21	1	R10	RESISTOR	1K
22	1	R11	RESISTOR	220K
23	1	R12	RESISTOR	1K
24	1	R13	RESISTOR	10K
25	1	R14	RESISTOR	220K
26	1	R15	RESISTOR	22K
27	1	R16	RESISTOR	100K
28	1	R19	RESISTOR	12K
29	1	R20	RESISTOR	15K
30	1	R24	RESISTOR	47K
31	1	R26	RESISTOR	10K
32	1	R23	SEMI-FIX RES	20K

Tune-up procedure over the power range, or at specific operating power levels.

The voltage and current supply limit the output power of radar transceiver. The current consumption of every incoming transceiver will be checked, out of specifications transceiver will not be used. In production line the product maximum current consumption is monitored.