

#2050

NightFire Electronic Kits

Bill Of Material for GTC & MPSW51A Kit

Rev A

Item	Type	Description	Qty
1	Transistor	MPSW51A, PNP, TO-92	4
2	Crystal	13.500 MHz	1
3	Crystal	16.000 MHz	1
4	Diode	1N4005, 500v, 1 Amp	5
5	Diode	1N4148, Silicon, Signal	5
6	Diode	1N5234, 6.2v, 1 Watt, Zener	2
7	Diode	1N4744, 15v, 1 Watt, Zener	2
8	Capacitor	100pF, 50v, Ceramic Disc	2
9	Capacitor	300pF, 50v, Ceramic Disc	2
10	Capacitor	750pF, 50v, Ceramic Disc	2
11	Capacitor	1200pF, 50v, Ceramic Disc	2
12	Capacitor	.0022uF, 50v, Ceramic Disc	2
13	Capacitor	.01uF, 50v, Ceramic Disc	2
14	Capacitor	.10uF, 50v, Ceramic Disc	2
15	Capacitor	1.0uF, 50v, Aluminum, Radial	2
16	Capacitor	4.7uF, 25v, Aluminum, Radial	2
17	Capacitor	12uF, 63v, Aluminum, Radial	2
18	Capacitor	22uF, 16v, Aluminum, Radial	2
19	Capacitor	47uF, 25v, Aluminum, Radial	2
20	Capacitor	120uF, 25v, Aluminum, Radial	2
21	Capacitor	220uF, 10v, Aluminum, Radial	2
22	Resistor	22 Ohms, 1/4 Watt, Carbon Film	2
23	Resistor	68 Ohms, 1/4 Watt, Carbon Film	2
24	Resistor	100 Ohms, 1/4 Watt, Carbon Film	2
25	Resistor	270 Ohms, 1/4 Watt, Carbon Film	2
26	Resistor	430 Ohms, 1/4 Watt, Carbon Film	2
27	Resistor	510 Ohms, 1/4 Watt, Carbon Film	2
28	Resistor	680 Ohms, 1/4 Watt, Carbon Film	2

29	Resistor	1.0K, 1/4 Watt, Carbon Film	2
30	Resistor	2.4K, 1/4 Watt, Carbon Film	2
31	Resistor	3.6K, 1/4 Watt, Carbon Film	2
32	Resistor	4.7K, 1/4 Watt, Carbon Film	2
33	Resistor	6.2K, 1/4 Watt, Carbon Film	2
34	Resistor	10K, 1/4 Watt, Carbon Film	2
35	Resistor	15K, 1/4 Watt, Carbon Film	2
36	Resistor	24K, 1/4 Watt, Carbon Film	2
37	Resistor	39K, 1/4 Watt, Carbon Film	2
38	Resistor	47K, 1/4 Watt, Carbon Film	2
39	Resistor	68K, 1/4 Watt, Carbon Film	2
40	Resistor	100K, 1/4 Watt, Carbon Film	2
41	Resistor	220K, 1/4 Watt, Carbon Film	2
42	Resistor	360K, 1/4 Watt, Carbon Film	2
43	Resistor	470K, 1/4 Watt, Carbon Film	2
44	Resistor	1.0M, 1/4 Watt, Carbon Film	2
45	Resistor	2.4M, 1/4 Watt, Carbon Film	2
46	Resistor	3.6M, 1/4 Watt, Carbon Film	2
47	LED	RED, T 1 3/4	3
48	LED	YELLOW, T 1 3/4	3
49	LED	GREEN, T 1 3/4	3
50	LED	BLUE, T 1 3/4	3
51	LED	WHITE, T 1 3/4	3
52	Potentiometer	10K, Single-Turn, PCB Mount	1
53	Potentiometer	22K, Single-Turn, PCB Mount	1
54	Potentiometer	470K, Single-Turn, PCB Mount	1
55	Potentiometer	4.7M, Single-Turn, PCB Mount	1
56	Battery Clip	9V, Snap, 2-wires	2
57	Speaker	Miniature, 32 Ohms	1
58	Switch	Slide, SPDT	2
59	Switch	Pushbutton, Momentary	2
60	PCB	GTC, Rev A	1