

#1710

NightFire Electronic Kits

Bill Of Material for LM555 Development Kit

Rev A

Item	Type	Description	Qty
1	IC	LM555, Timer, DIP-8	2
2	Transistor	2N3904, NPN, TO-92	2
3	Transistor	2N3906, PNP, TO-92	2
4	Transistor	2N6288, NPN, TO-220	1
5	IC Socket	8-pin, Low Profile	1
6	Diode	1N4148, Silicon, Signal	5
7	Diode	1N4001, 100v, 1 Amp	2
8	Capacitor	100pF, 50v, Ceramic Disc	2
9	Capacitor	330pF, 50v, Ceramic Disc	2
10	Capacitor	680pF, 50v, Ceramic Disc	2
11	Capacitor	.001uF, 50v, Ceramic Disc	2
12	Capacitor	.01uF, 50v, Ceramic Disc	2
13	Capacitor	.10uF, 50v, Ceramic Disc	2
14	Capacitor	1.0uF, 50v, Aluminum, Radial	2
15	Capacitor	4.7uF, 25v, Aluminum, Radial	2
16	Capacitor	12uF, 63v, Aluminum, Radial	2
17	Capacitor	22uF, 16v, Aluminum, Radial	2
18	Capacitor	47uF, 25v, Aluminum, Radial	2
19	Capacitor	100uF, 16v, Aluminum, Radial	2
20	Capacitor	220uF, 16v, Aluminum, Radial	2
21	Resistor	100 Ohms, 1/4 Watt, Carbon Film	5
22	Resistor	220 Ohms, 1/4 Watt, Carbon Film	5
23	Resistor	390 Ohms, 1/4 Watt, Carbon Film	5
24	Resistor	470 Ohms, 1/4 Watt, Carbon Film	5
25	Resistor	680 Ohms, 1/4 Watt, Carbon Film	5

26	Resistor	1.0K, 1/4 Watt, Carbon Film	5
27	Resistor	2.7K, 1/4 Watt, Carbon Film	5
28	Resistor	4.7K, 1/4 Watt, Carbon Film	5
29	Resistor	10K, 1/4 Watt, Carbon Film	5
30	Resistor	15K, 1/4 Watt, Carbon Film	5
31	Resistor	27K, 1/4 Watt, Carbon Film	5
32	Resistor	47K, 1/4 Watt, Carbon Film	5
33	Resistor	68K, 1/4 Watt, Carbon Film	5
34	Resistor	100K, 1/4 Watt, Carbon Film	5
35	Resistor	270K, 1/4 Watt, Carbon Film	5
36	Resistor	470K, 1/4 Watt, Carbon Film	5
37	Resistor	1.0M, 1/4 Watt, Carbon Film	5
38	LED	RED, T 1 3/4	3
39	LED	YELLOW, T 1 3/4	3
40	LED	GREEN, T 1 3/4	3
41	LED	BLUE, T 1 3/4	3
42	LED	WHITE, T 1 3/4	3
43	Potentiometer	10K, Single-Turn, PCB Mount	1
44	Potentiometer	50K, Single-Turn, Panel Mount	1
45	Potentiometer	100K, Single-Turn, PCB Mount	1
46	Potentiometer	1.0M, Single-Turn, PCB Mount	1
47	Battery Clip	9V, Snap, 2-wires	1
48	Wire	22 AWG, Stranded, Red	10"
49	Wire	22 AWG, Stranded, Black	10"
50	Wire	22 AWG, Stranded, Green	10"
51	Wire	22 AWG, Stranded, White	10"
52	Wire	22 AWG, Stranded, Yellow	10"
53	PCB	LM555 Timer Development, Rev A	