

#4308**NightFire Electronic Kits****Bill Of Material for Op Amp Development Kit - LM741 - 10 Sets****Rev A**

Item	Type	Description	Qty	Qty x10
1	IC	LM741, Op Amp, DIP-8	2	20
2	Transistor	2N4401, NPN, TO-92	2	20
3	Transistor	2N4403, PNP, TO-92	2	20
4	IC Socket	8-pin, Low Profile	1	10
5	Diode	1N4001, 100v, 1 Amp	2	20
6	Diode	1N4005, 600V, 1 Amp	2	20
7	Diode	1N4148, Silicon, Signal	4	40
8	Diode	1N5234, 6.2v, 1 Watt, Zener	2	20
9	Diode	1N4744, 15v, 1 Watt, Zener	2	20
10	Capacitor	82pF, 500v, Ceramic Disc	2	20
11	Capacitor	330pF, 50v, Ceramic Disc	2	20
12	Capacitor	820pF, 50v, Ceramic Disc	2	20
13	Capacitor	.001uF, 50v, Ceramic Disc	2	20
14	Capacitor	.0022uF, 50v, Ceramic Disc	2	20
15	Capacitor	.01uF, 100v, Ceramic Disc	2	20
16	Capacitor	.10uF, 63v, Ceramic Disc	2	20
17	Capacitor	1.0uF, 50v, Aluminum, Radial	2	20
18	Capacitor	4.7uF, 25v, Aluminum, Radial	2	20
19	Capacitor	10uF, 16v, Aluminum, Radial	2	20
20	Capacitor	22uF, 16v, Aluminum, Radial	2	20
21	Capacitor	47uF, 16v, Aluminum, Radial	2	20
22	Capacitor	100uF, 16v, Aluminum, Radial	2	20
23	Resistor	10 Ohms, 1/4 Watt, Carbon Film	2	20
24	Resistor	56 Ohms, 1/4 Watt, Carbon Film	2	20
25	Resistor	100 Ohms, 1/4 Watt, Carbon Film	2	20
26	Resistor	220 Ohms, 1/4 Watt, Carbon Film	2	20

27	Resistor	470 Ohms, 1/4 Watt, Carbon Film	2	20
28	Resistor	680 Ohms, 1/4 Watt, Carbon Film	2	20
29	Resistor	1.0K, 1/4 Watt, Carbon Film	2	20
30	Resistor	1.5K, 1/4 Watt, Carbon Film	2	20
31	Resistor	4.7K, 1/4 Watt, Carbon Film	2	20
32	Resistor	6.8K, 1/4 Watt, Carbon Film	2	20
33	Resistor	10K, 1/4 Watt, Carbon Film	2	20
34	Resistor	15K, 1/4 Watt, Carbon Film	2	20
35	Resistor	24K, 1/4 Watt, Carbon Film	2	20
36	Resistor	47K, 1/4 Watt, Carbon Film	2	20
37	Resistor	82K, 1/4 Watt, Carbon Film	2	20
38	Resistor	110K, 1/4 Watt, Carbon Film	2	20
39	Resistor	470K, 1/4 Watt, Carbon Film	2	20
40	Resistor	680K, 1/4 Watt, Carbon Film	2	20
41	Resistor	1.1M, 1/4 Watt, Carbon Film	2	20
42	Resistor	1.5M, 1/4 Watt, Carbon Film	2	20
43	LED	RED, T 1 3/4	2	20
44	LED	YELLOW, T 1 3/4	2	20
45	LED	GREEN, T 1 3/4	2	20
46	LED	BLUE, T 1 3/4	2	20
47	LED	WHITE, T 1 3/4	2	20
48	Potentiometer	470 Ohms, Single-Turn, PCB Mount	1	10
49	Potentiometer	2.2K, Single-Turn, PCB Mount	1	10
50	Potentiometer	10K, Single-Turn, PCB Mount	3	30
51	Potentiometer	470K, Single-Turn, Panel Mount	1	10
52	PCB	Op Amp Development, Rev A	1	10