

#1655

NightFire Electronic Kits

Bill Of Material for Op Amp Development Kit - TL071

Rev A

Item	Type	Description	Qty
1	IC	TL071, Op Amp, DIP-8	2
2	Transistor	2N3904, NPN, TO-92	2
3	Transistor	2N3906, PNP, TO-92	2
4	IC Socket	8-pin, Low Profile	1
5	Diode	1N4005, 500v, 1 Amp	5
6	Diode	1N4007, 1000V, 1 Amp	5
7	Diode	1N4148, Silicon, Signal	5
8	Diode	1N5234, 6.2v, 1 Watt, Zener	2
9	Diode	1N4744, 15v, 1 Watt, Zener	2
10	Capacitor	100pF, 50v, Ceramic Disc	2
11	Capacitor	300pF, 50v, Ceramic Disc	2
12	Capacitor	680pF, 50v, Ceramic Disc	2
13	Capacitor	.001uF, 50v, Ceramic Disc	2
14	Capacitor	.0022uF, 50v, Ceramic Disc	2
15	Capacitor	.01uF, 50v, Ceramic Disc	2
16	Capacitor	.10uF, 50v, Ceramic Disc	2
17	Capacitor	1.0uF, 50v, Aluminum, Radial	2
18	Capacitor	4.7uF, 25v, Aluminum, Radial	2
19	Capacitor	12uF, 63v, Aluminum, Radial	2
20	Capacitor	22uF, 16v, Aluminum, Radial	2
21	Capacitor	47uF, 25v, Aluminum, Radial	2
22	Capacitor	120uF, 25v, Aluminum, Radial	2
23	Capacitor	220uF, 16v, Aluminum, Radial	2
24	Resistor	10 Ohms, 1/4 Watt, Carbon Film	2
25	Resistor	56 Ohms, 1/4 Watt, Carbon Film	2
26	Resistor	100 Ohms, 1/4 Watt, Carbon Film	2

27	Resistor	220 Ohms, 1/4 Watt, Carbon Film	2
28	Resistor	390 Ohms, 1/4 Watt, Carbon Film	2
29	Resistor	470 Ohms, 1/4 Watt, Carbon Film	2
30	Resistor	680 Ohms, 1/4 Watt, Carbon Film	2
31	Resistor	1.0K, 1/4 Watt, Carbon Film	2
32	Resistor	2.7K, 1/4 Watt, Carbon Film	2
33	Resistor	3.3K, 1/4 Watt, Carbon Film	2
34	Resistor	4.7K, 1/4 Watt, Carbon Film	2
35	Resistor	6.8K, 1/4 Watt, Carbon Film	2
36	Resistor	10K, 1/4 Watt, Carbon Film	2
37	Resistor	15K, 1/4 Watt, Carbon Film	2
38	Resistor	27K, 1/4 Watt, Carbon Film	2
39	Resistor	36K, 1/4 Watt, Carbon Film	2
40	Resistor	47K, 1/4 Watt, Carbon Film	2
41	Resistor	68K, 1/4 Watt, Carbon Film	2
42	Resistor	100K, 1/4 Watt, Carbon Film	2
43	Resistor	270K, 1/4 Watt, Carbon Film	2
44	Resistor	330K, 1/4 Watt, Carbon Film	2
45	Resistor	470K, 1/4 Watt, Carbon Film	2
46	Resistor	1.0M, 1/4 Watt, Carbon Film	2
47	Resistor	2.4M, 1/4 Watt, Carbon Film	2
48	Resistor	3.3M, 1/4 Watt, Carbon Film	2
49	LED	RED, T 1 3/4	3
50	LED	YELLOW, T 1 3/4	3
51	LED	GREEN, T 1 3/4	3
52	LED	BLUE, T 1 3/4	3
53	LED	WHITE, T 1 3/4	3
54	Potentiometer	220 Ohms, Single-Turn, PCB Mount	1
55	Potentiometer	10K, Single-Turn, PCB Mount	1
56	Potentiometer	100K, Single-Turn, Panel Mount	1
57	Potentiometer	2.2M, Single-Turn, PCB Mount	1
58	Battery Clip	9V, Snap, 2-wires	2
59	PCB	Op Amp Development, Rev A	1