

#3768

NightFire Electronic Kits

Bill Of Material for Code Practice Oscillator Kit – 1/4” Phono

Rev A

Item	Type	Description	Qty	Ref Des
1	IC	LM386 Audio Amplifier, DIP-8	1	
2	Transistor	2N5088, NPN, TO-92	1	Q1
3	IC Socket	8-pin, DIP	1	
4	Capacitor	.022uF, Ceramic Disc	3	C2, C3, C5
5	Capacitor	.047uF, Ceramic Disc	2	C4, C8
6	Capacitor	4.7uF, Aluminum Electrolytic	1	C7
7	Capacitor	10uF, Aluminum Electrolytic	1	C1
8	Capacitor	100uF, Aluminum Electrolytic	1	C9
9	Capacitor	220uF, Aluminum Electrolytic	1	C6
10	Resistor	10 Ohms, 1/8 Watt, Carbon Film	1	R6
11	Resistor	100 Ohms, 1/8 Watt, Carbon Film	1	R1
12	Resistor	680 Ohms, 1/8 Watt, Carbon Film	1	R3 – Note 1
13	Resistor	2.2K Ohms, 1/8 Watt, Carbon Film	1	R3 – Note 1
14	Resistor	3.3K Ohms, 1/8 Watt, Carbon Film	1	R2
15	Resistor	4.3K Ohms, 1/8 Watt, Carbon Film	1	R7
16	Resistor	15K Ohms, 1/8 Watt, Carbon Film	2	R4, R5
17	Potentiometer	100K Ohms, PCB Mount, Single-Turn	1	
18	Connector	Screw Terminal	2	
19	Connector	1/4” Phono Jack	1	
20	PCB	Code Practice Oscillator, Rev A	1	

Note 1: See schematic for placement of these components.