

#4511

NightFire Electronic Kits

Bill Of Material for NF-Arduino Temperature-Relay Shield Kit

Rev A

Item	Type	Description	Qty	Ref Des
1	Sensor	Temperature, AS35, TO-92	1	U1
2	Transistor	2N4401, NPN, TO-92	1	Q1
3	Diode	1N4001	1	D1
4	Capacitor	.15uF, Ceramic	1	C2
5	Capacitor	1.0uF, Aluminum Electrolytic	1	C3
6	Capacitor	120uF, Aluminum Electrolytic	1	C1
7	Resistor	75 Ohms, 1/4 Watt, Carbon Film	1	R5
8	Resistor	1.0K, 1/4 Watt, Carbon Film	1	R7
9	Resistor	2.7K, 1/4 Watt, Carbon Film	1	R1
10	Resistor	4.7K, 1/4 Watt, Carbon Film	2	R3, R4
11	LED	Green, 5mm	1	L1
12	Connector	Header, 6-pin, Male	1	
13	Connector	Header, 8-pin, Male	2	
14	Connector	Header, 10-pin, Male	1	
15	Connector	Screw Terminal, 2-pin	1	

16	Connector	Screw Terminal, 3-pin	1	
17	Relay	833H Series	1	Relay 1
18	Switch	2-Position, DIP-2	1	SW
19	PCB	NF-Arduino Temperature-Relay	1	