

**#2063**

**NightFire Electronic Kits**

**Bill Of Material for PIC Arrows Kit - RED**

**Rev A**

<b>Item</b>	<b>Type</b>	<b>Description</b>	<b>Qty</b>	<b>Ref Des</b>
1	IC	PIC12F509, Microprocessor	1	U2
2	IC	LM78L05, Volt Regulator, TO-92	1	U1
3	IC Socket	8-pin, Low-Profile	1	U2
4	Transistor	2N4401, NPN, TO-92	3	Q1, Q2, Q3
5	Capacitor	.10uF, Ceramic Disc	1	C2
6	Capacitor	1.0uF, Ceramic Disc	1	C1
7	LED	Red, 3mm	15	L1 thru L15
8	Resistor	150 Ohms, 1/4 Watt, Carbon Film	3	R4, R6, R8
9	Resistor	4.7K, 1/8 Watt, Carbon Film	3	R3, R5, R7
10	Resistor	10K, 1/4 Watt, Carbon Film	2	R1, R2
11	Switch	Pushbutton, 2-pin	2	S1, S2
12	Battery Clip	9v Snap, 2-wire	1	
13	PCB	PIC Arrows, Rev A	1	