

#2127

NightFire Electronic Kits

Bill Of Material for SMT Adjustable Power Supply Kit

Rev A

| Item | Type          | Description                          | Qty | Ref Des |
|------|---------------|--------------------------------------|-----|---------|
| 1    | IC            | LM317M, SMT Voltage Regulator, D-Pak | 1   | U1      |
| 2    | Capacitor     | 4.7uF, SMT Aluminum Electrolytic     | 1   | C3      |
| 3    | Capacitor     | 10uF, SMT Tantalum                   | 1   | C4      |
| 4    | Capacitor     | 100uF, SMT Tantalum                  | 2   | C1, C2  |
| 5    | Bridge        | DF01S, Diode Bridge, 4-pin           | 1   | BR1     |
| 6    | LED           | RED, SMT                             | 1   | L1      |
| 7    | Resistor      | 240 Ohms, SMT Carbon Film, 1206      | 1   | R2      |
| 8    | Resistor      | 1.0K, SMT Carbon Film, 1206          | 1   | R3      |
| 9    | Resistor      | 10K, SMT Carbon Film, 1206           | 1   | R1      |
| 10   | Potentiometer | 5.0K, SMT Trimpot                    | 1   | Adjust  |
| 11   | Connector     | Screw Terminal, 2-pin, Blue          | 1   |         |
| 12   | Connector     | Screw Terminal, 2-pin, Green         | 1   |         |
| 13   | PCB           | Adjustable Power Supply, Rev A       | 1   |         |