

#2184

NightFire Electronic Kits

Bill Of Material for SMT American Siren

Rev A

| Item | Type | Description | Qty | Ref Des |
|------|---------------|--------------------------------|-----|------------|
| 1 | IC | LM555, SMT Timer, W.B., SOIC-8 | 2 | U1, U2 |
| 2 | Transistor | MMBT3906, PNP, SMT SOT-23 | 1 | Q1 |
| 3 | Transistor | MJD31C, NPN, SMT D-PAK | 1 | Q2 |
| | | | | |
| 4 | Capacitor | .01uF, SMT Ceramic, 1206 | 1 | C2 |
| 5 | Capacitor | .022uF, SMT Ceramic, 1206 | 1 | C4 |
| 6 | Capacitor | 22uF, SMT Tantalum | 1 | C3 |
| 7 | Capacitor | 100uF, SMT Tantalum | 1 | C1 |
| 8 | Diode | DL4004, SMT MELF | 1 | D1 |
| | | | | |
| 9 | Resistor | 4.7K, SMT Carbon Film, 1206 | 1 | R2 |
| 10 | Resistor | 2.7K, SMT Carbon Film, 1206 | 3 | R1, R3, R5 |
| 11 | Resistor | 68K, SMT Carbon Film, 1206 | 1 | R4 |
| 12 | Potentiometer | 50K, SMT Trimpot | 2 | VR1, VR2 |
| | | | | |
| 13 | Connector | Screw Terminal, 2-Position | 1 | |
| 14 | Battery Clip | 9V, Snap, 2-wires | 1 | |
| 15 | Speaker | 32 Ohms, Miniature | 1 | |
| 16 | PCB | SMT American Siren, Rev A | 1 | |