

#1344

NightFire Electronic Kits

Bill Of Material for 14 Watt Amplifier Kit

Rev A

| Item | Type          | Description                     | Qty | Ref Des |
|------|---------------|---------------------------------|-----|---------|
| 1    | IC            | TDA2030, 14-Watt Amp, TO-220-5  | 1   | U1      |
| 2    | Capacitor     | .1uF, Ceramic Disc              | 1   | C5      |
| 3    | Capacitor     | .15uF, Ceramic Disc             | 1   | C6      |
| 4    | Capacitor     | 1.0uF, Aluminum Electrolytic    | 1   | C2      |
| 5    | Capacitor     | 12uF, Aluminum Electrolytic     | 1   | C4      |
| 6    | Capacitor     | 22uF, Aluminum Electrolytic     | 1   | C3      |
| 7    | Capacitor     | 120uF, Aluminum Electrolytic    | 2   | C1, C7  |
| 8    | Diode         | 1N4005, 500v, DO-41             | 2   | D1, D2  |
| 9    | Resistor      | 1.0 Ohms, 1/8 Watt, Carbon Film | 1   | R6      |
| 10   | Resistor      | 4.7K, 1/8 Watt, Carbon Film     | 1   | R4      |
| 11   | Resistor      | 82K, 1/8 Watt, Carbon Film      | 1   | R1      |
| 12   | Resistor      | 100K, 1/8 Watt, Carbon Film     | 2   | R2, R3  |
| 13   | Resistor      | 150K, 1/8 Watt, Carbon Film     | 1   | R5      |
| 14   | Heatsink      | TO-220                          | 1   | U1      |
| 15   | Connector     | Screw Terminal, 2-pins, Green   | 2   |         |
| 16   | Connector     | Screw Terminal, 2-pins, Blue    | 1   |         |
| 17   | Potentiometer | 50K, PCB Mount                  | 1   | VR1     |
| 18   | PCB           | 14 Watt Amplifier, Rev B        | 1   |         |