
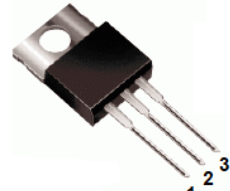
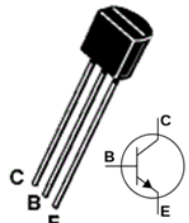
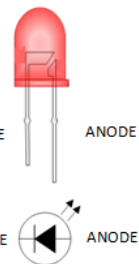


## THE ELECTRONICS HOBBY KIT

### LM317 ADJUSTABLE REGULATED POWER SUPPLY

Operating voltage : DC IN 5-35V AC IN 6-25V Output voltage : 1.25V-30V Output Current : max 1A
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<p>R1 = 200Ω R2 = 15kΩ VR1 = 5K Potentiometer D1- D5 = 1N4007 D6 = LED 3mm Red C1,C4 = 104 C2 = 2200uF (50V) C3 = 10uF (25V) C5 = 470uF (50V) Q1 = Transistor 9014 U1 = LM317T with HEATSINK J1 = KF-301-2P terminal block J2 = DC Plug DC-5.5*2.1 J3, J4 = 2.54 2P (Vertical connector) P1, P2 = 4mm Banana Jack LED Spacer x1 Standoff and nuts x4, M3 screw x1 Knob x1 Banana to crocodile wire x1 PCB 69*50mm x1</p>	 <p><b>LM317 Pin Arrangement</b></p>  <ol style="list-style-type: none"> <li>1. Adjust</li> <li>2. V<sub>out</sub></li> <li>3. V<sub>in</sub></li> </ol> <p>Heatsink is connected to pin 2</p>	 <p><b>TRANSISTOR 9014</b></p> 
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