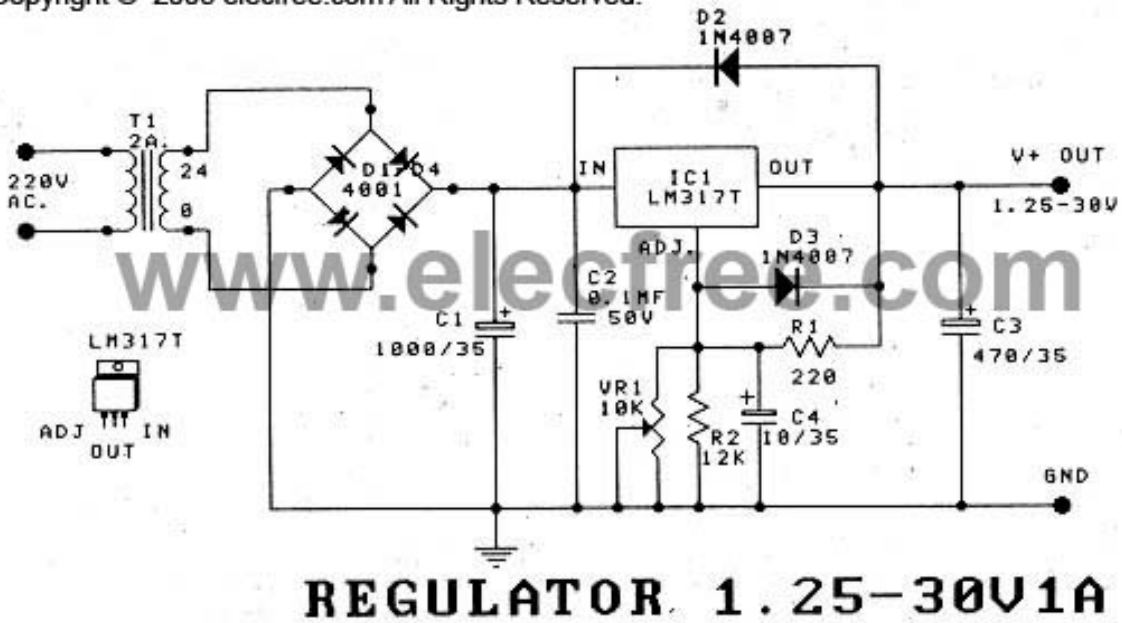


LM317 Variable Regulator 30V 1A

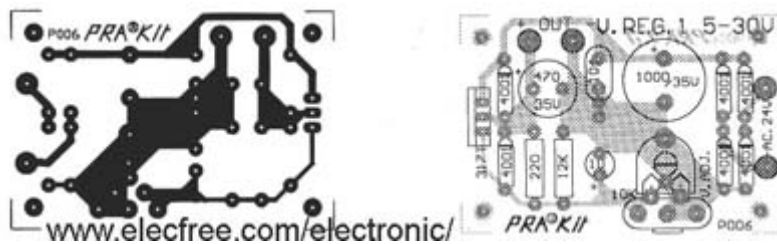
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If you want used easy variable regulator power supply voltage 0-30V at current 1.5A max.I made use of a 24Vac 1A transformer,The output of the transformer is rectified by diode 1N4002 or equiv, and smoothed filter using 2200uF capacitors.

The float-voltage measured here for the 24V transformer was 34V-35V,it is unregulated DC voltage.

The VR1 is control output dc voltage 0V(1.25V) to 30V(32V) at 1.5A max all range. It's advised that you use this IC with a suitable heatsink.



Main Part

- IC1 = IC LM317T or KIA317
- D1-D4 = Diode 1N4002 or 1N4004 or 1N4007 x 4
- C1 = Capacitors electroly 2,200uF 35V
- VR1 = Variable Resistor 5K(B)

Other detail part,Please see in image.