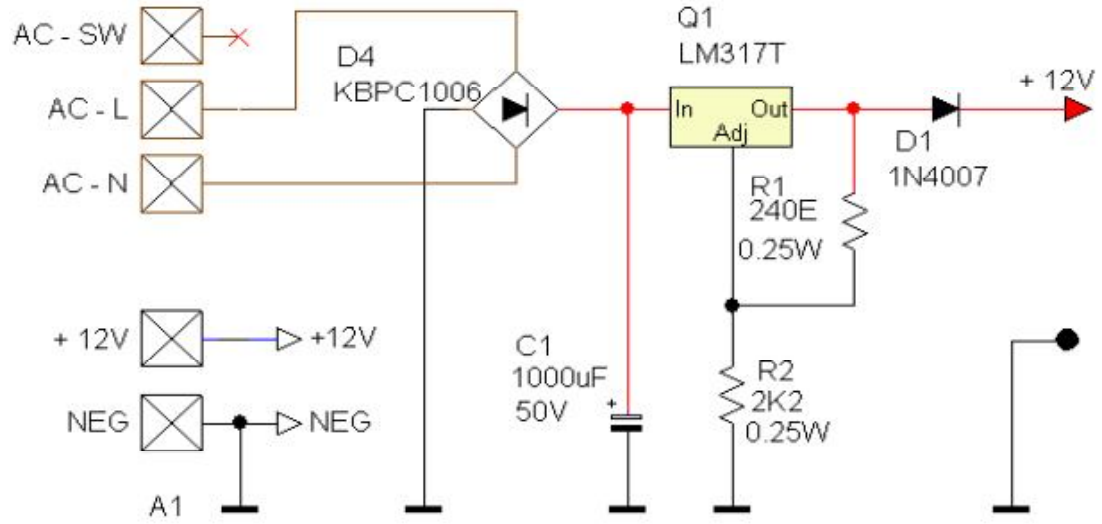
PC02-016 PCB LAYOUT



CALCULATE THE OUTPUT VOLTAGE FOR A FIXED RESISTOR, OTHERWISE USE A 5kΩ pot.

where:

V_{REF} = 1.25V

R1= 240Ω

R2= $((V_S/V_{REF})-1)*R1$

((12/1.25)-1)*240

2064 Ω

Value of C1 = ripple capacitor of 100µF - 1,000µF

Value of C2 = ripple capacitor of 10µF - 1,00µF

For more information please read the datasheets on the LM317