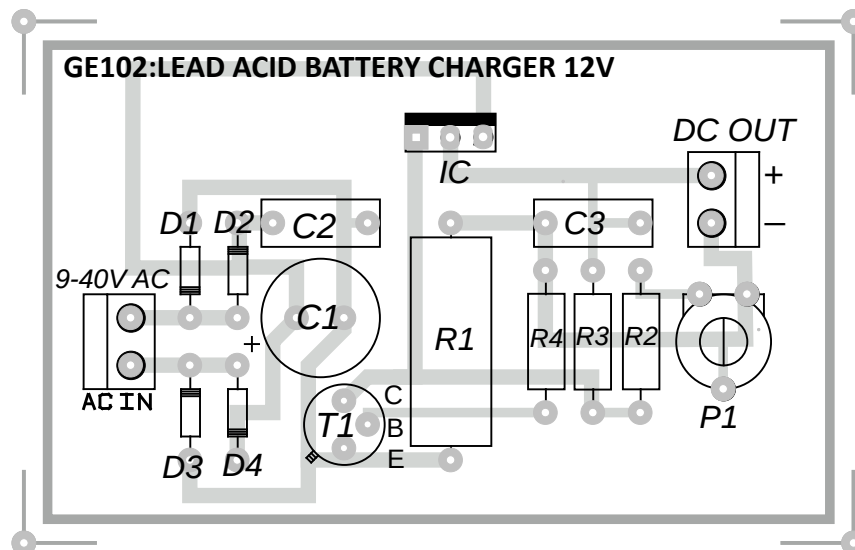
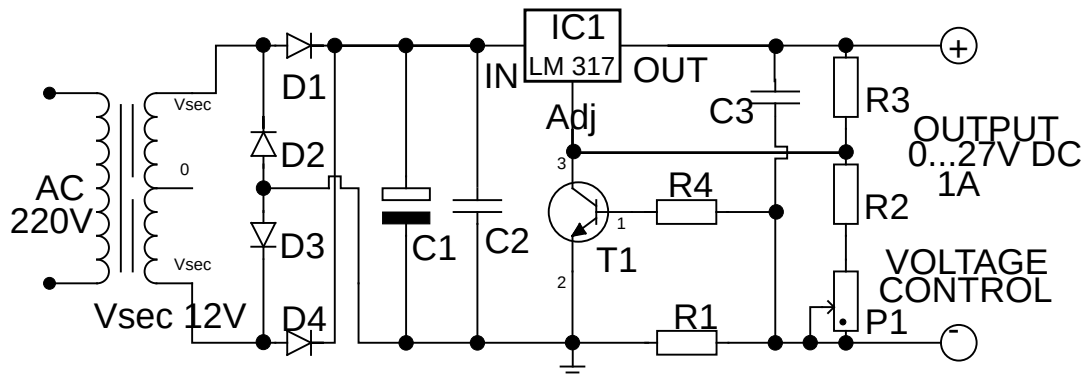


LEAD ACID BATTERY CHARGER (12V)

GE 102



Bill of materials:

- * R1 : 0.47 Ohm (5 WATT)
- * R2 : 470 Ohm (YELLOW-VIOLET-BROWN)
- * R3 : 120 Ohm (BROWN-RED-BROWN)
- * R4 : 100 Ohm (BROWN-BLACK-BROWN)
- * P1 : 470 Ohm (POT VARIABLE RESISTANCE)
- * C1 : 1000 uF/50V (ELECTROLYTIC CAPACITOR)
- * C2-C3: 220 nF/50V <224>(CERAMIC CAPACITORS)
- * D1-->D4: 1N4004 (DIODE)
- * T1 : BC140 (NPN TRANSISTOR)
- * IC1 : LM317T (VOLTAGE REGULATOR)
- * 2 SCREW JUNCTION (2 PIECES)