

A decorative graphic consisting of six circles of varying shades of light purple. Two circles are solid, and four are hollow with a thin outline. They are arranged in two rows: the top row has three circles and the bottom row has three circles.

12V PSU

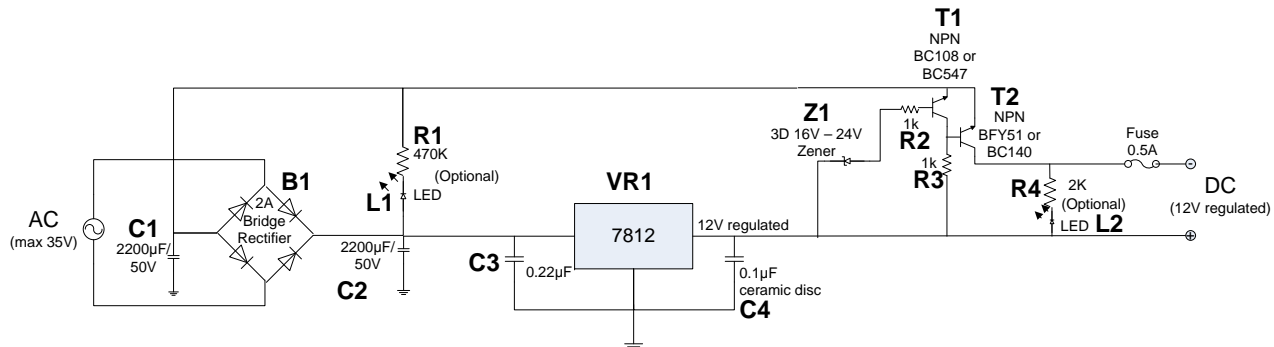
by your www.forge43.com

Project Description



- Construct a stabilized DC power supply unit with:
 - Any AC or DC input voltage between 12 and 35V
 - Max output 500mA
 - Overvoltage protection to 16V max
 - Fuse for short circuit protection

Circuit Schematic



12V REGULATED POWER SUPPLY WITH CURRENT AND VOLTAGE LIMIT PROTECTION

Prototyping

B1

C2

L1

R1

C4

R3

R4

VR1

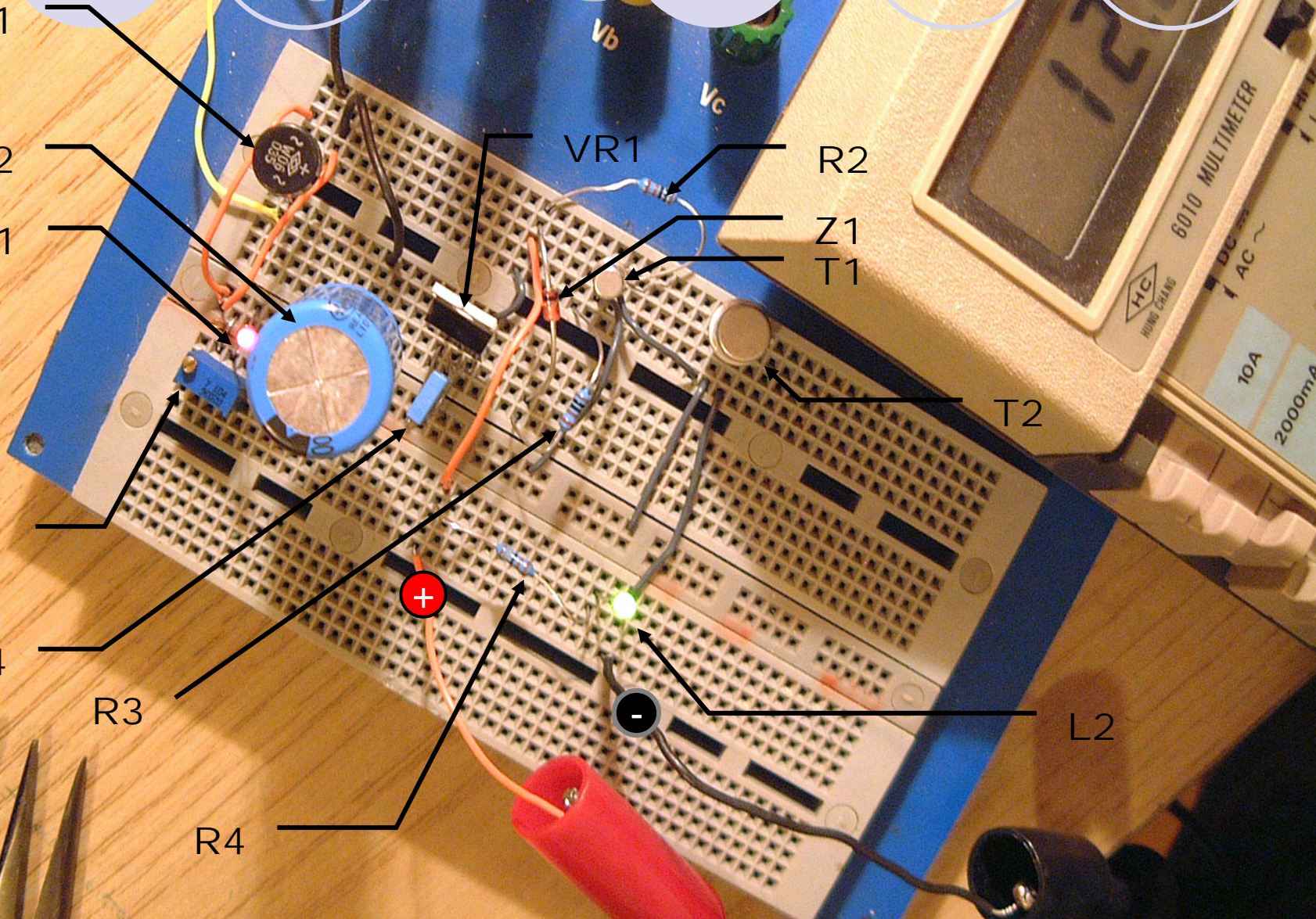
R2

Z1

T1

T2

L2



Final soldered board

