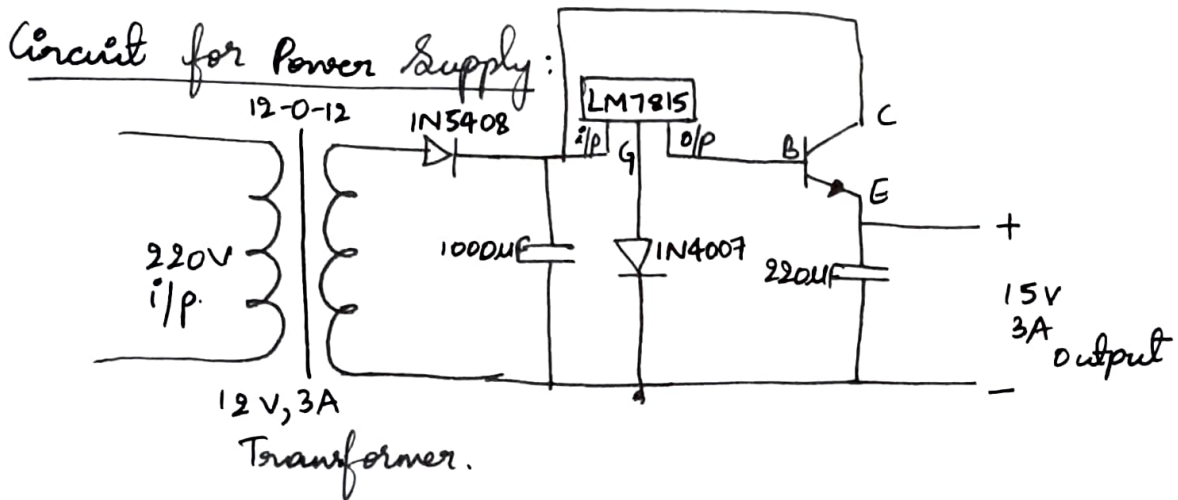


4) Power Supply Summary:

I am going to use a 15V power supply. Actually, we are going to make a circuit for 15V power supply.

Components Required:

- 1) 12-0-12V (or) 24V 3A Transformer
- 2) D313 Transistor
- 3) LM7815 Voltage Regulator
- 4) 35V 1000 μ F capacitor
- 5) 35V 220 μ F capacitor
- 6) 1N5408 diode
- 7) 1N4007 Diode.
- 8) PCB board.



The mains supply is stepped down by transformer rectified by a full-wave rectifier comprising diodes D1 and D2 (1N5408 and 1N4007) filtered by capacitor and fed to regulator LM7815.