Components

Resistors
- 100 Ω ¼Watt
- 150 Ω 2Watt
- 2.2K Ω ½Watt
- 220 Ω 1Watt
- 4.7K Ω Lin Potentiometer

Diodes
- 4 X 1N5408
- or
- 3Amp Bridge

Capacitors
- 2 X 1000μF

Transistors
- BC307
- 2N3055

Transformer
- 16Volt 3Amp

This PSU is a useful bench tool with excellent ripple rejection. A voltmeter can be connected across the output connection to monitor the output voltage. The power transistor (2N3055) needs to be mounted on a heat sink. Care must be taken with this as the collector of the transistor is the casing and it needs to be isolated from the rest of the heat sink with a mica washer if a metal enclosure is used. The size of the heat sink is not critical.