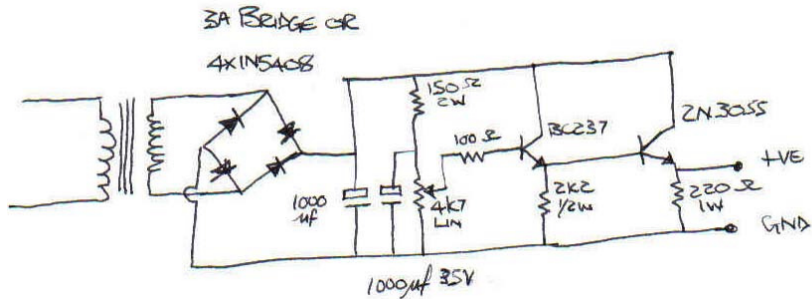


## 0 – 30V 3A Variable Power Supply – ZR6KMD



### 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.

