

Steel Etcher Parts List

120V AC to 16VDC 2A adapter w/16V barrel plug

S1 - ON/OFF Power switch - 16V 2A 10 watt min. rated

S2 - Three - leg two position switch - some rating

16VDC Barrel socket - some ratings, center-pin positive / barrel negative

P1 - 10K potentiometer

R1 - 1K resistor

R2 - 1K resistor

C1 - 100 μ F electrolytic capacitor

C2 - 10 μ F electrolytic capacitor

D1 - RL207 diode - 1000VDC 2A

D2 - 2L207 diode

D3 - green LED 5mm

D4 - red LED 5mm

R3 - 680 Ω resistor

R4 - 680 Ω resistor

2 x 3mm x 20mm machine screws

2 x 3mm nuts

4 x 3mm flat washers

LM317 voltage regulator

Also needed:

solder + iron

hot glue + gun

semi-permanent Loc-tite

approx 2 1/2" x 5" perf board (65mm x 125mm)