

Parts List, all resistors  $\frac{1}{4}$  watt 5%.

LM7805 5 volt voltage regulator, x1

1N5819 Schottky diode 1A 30V, x1

220 resistor, x1

330 resistor, x2

470 resistor, x1

1K resistor, x1

2.2K resistor, x1

4.7K resistor, x1

10K resistor, x1

100 nF disc capacitor, x2 (I use monolithic)

10 uF 25v electrolytic capacitor, x2

mini slide switch SPDT 3 pin, x2

green LED 5mm, x1

DC jack PCB mount, 5.5x2.1, x1

female header 2.54 1x2, x1

male header 2.54 1x2, x1 (I use a single red and a single black)

male header 2.54 2x7, x1

jumper cap tall, x2

standoffs 3x6mm, x4, plus 3mm screws, x4

wall mounted power supply 5, 9, or 12 volts DC with 5.5x2.1 (or 2.5 with spring) barrel plug, x1