



adafruit MintyBoost - Cheat Sheet

Board:

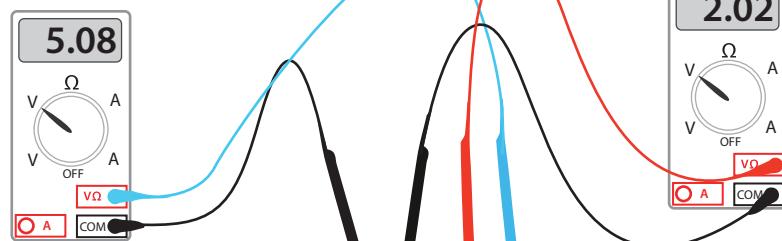


(Parts not shown to scale)

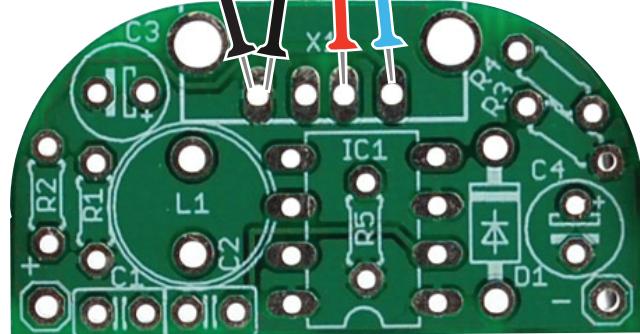
Parts (in soldering order):

- R5: 3.3K Resistor (Orange Orange Red)
- R2 & R4: 1% 75K Resistors (Violet Green Black Red Brown)
- R1 & R3: 1% 49.9K Resistors (Yellow White White Red Brown)
- C1 & C2: Ceramic Capacitors
- D1: Schottky Diode (* Match the Line!)
- IC1: Socket (* Match the notch!)
- L1: Power Inductor
- C3 & C4: 220uF Capacitor (* Long leg goes into +!)
- Battery Pack (* Red to +, Black to -)
- IC1: Boost Converter Chip (* Match the notch!)
- X1: USB Type A Female Connector

Testing:



(with batteries)



Getting it in the tin:

