



JST CONNECTOR ORIENTATION/POLARITY MUST BE CHECKED. ARE ALL LIPO CELLS "STANDARD"?

USB shield connected to ground. Not completely sure if this is best.

R3 should be changed to 2.2k for the Linear Technologies LTC4054 chip.

R3 = 1.3k for the cheap TP4054 chip. NOT the same for the LTC4054. (Remove the mention of the TP4054 chip before public schematic release)

Charge current is set to about 455 mA. Not 500 mA, to make sure that it does not trip 500mA current limit on some PCs.

To do: Documentation of LED truth table, charging states.

## USB Li-ion/Li-poly Charger Module

SKU: USBLIPO

V0.5 (08-05-2012)

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