microUSB

Set for 500mA charging

Lipo Battery

JP1

JP8

0.1"

M02PTH

Connection to 3.7V System

USBAB

VBUS1
D-1
D+1
ID1
GND1

GND

C3
4.7uF

GND

VIN

U1

4 VIN VBAT 3
PROG 5
1 STAT VSS 2

MCP73831

RED
D11

330 R3

GND

2.0k R1 R4

GND

VCC

C4
4.7uF

GND

GND

GND

GND

TITLE: SparkFun_Lipo_Charger_Basic-microUSB_v10

Design by: N. Seidle
Revised by: Patrick Alberts

REV:
V10

Date: 5/15/2015 10:31:56 AM

Sheet: 1/1