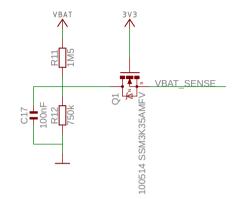


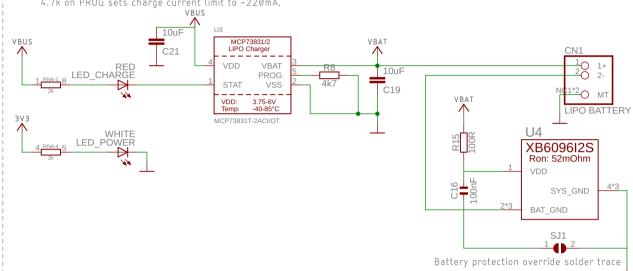
Pimoroni Pico Lipo (4MB: PIM578, 16MB: PIM560)

Battery sense voltage divisor

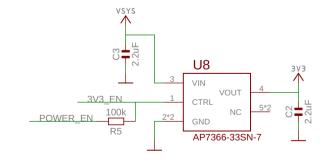


Lipo charger, protection and connector

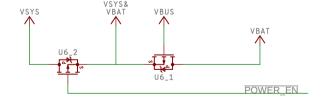
4.7k on PROG sets charge current limit to ~220mA.



LDO for 3v3 output, low Iq



Vbat charge protection and power switch FET switches



Typical discharge power path resistance: XB6096I2S: 52mOhm DMP2075UFDB: 64mOhm

52 + 2*64 = 180mOhm Voltage drop at 1A = 180mV

PRODUCT

DATE GENERATED

SHEET

ppico_lipo

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