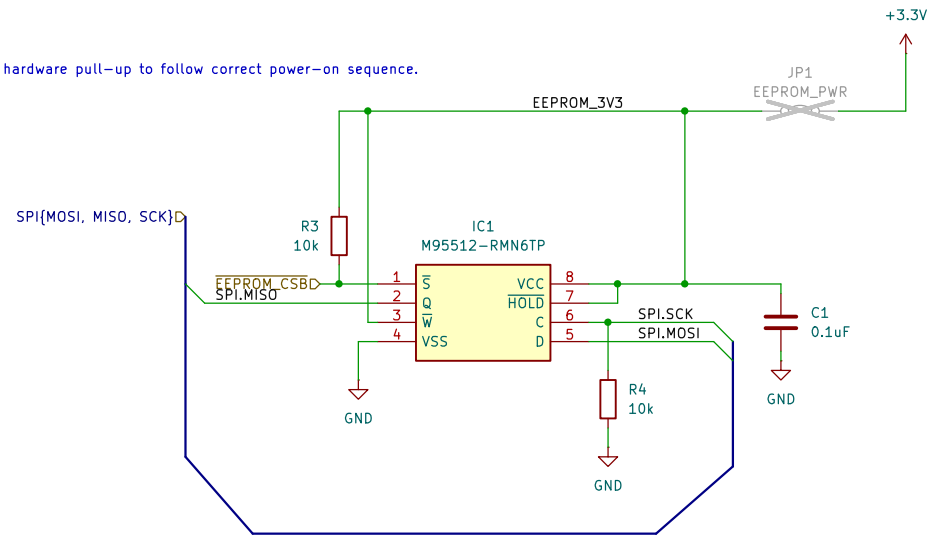
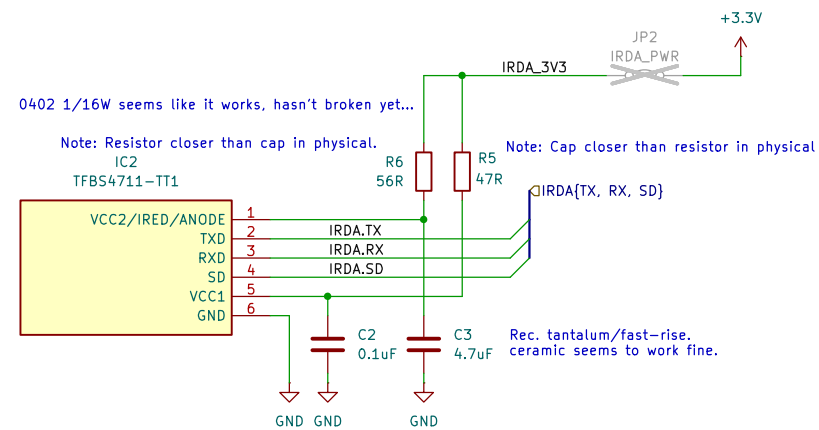




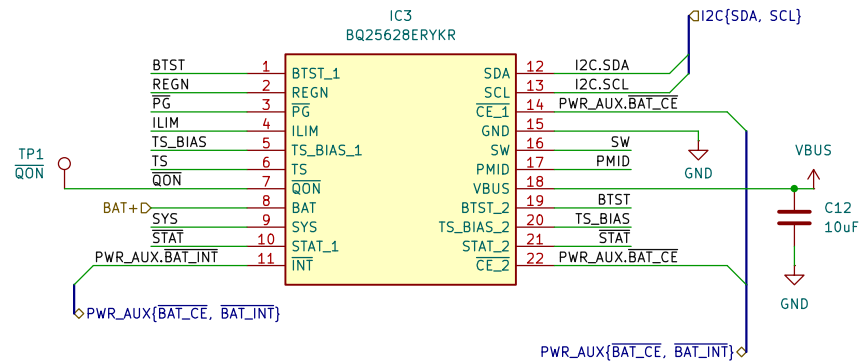
Needs hardware pull-up to follow correct power-on sequence.



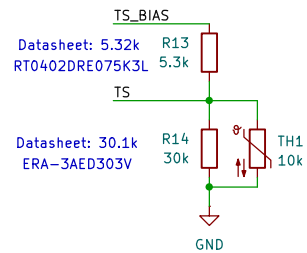
Must be run in SPI 00 mode.  
Pull-down may not be needed, but is apparently strongly recommended.



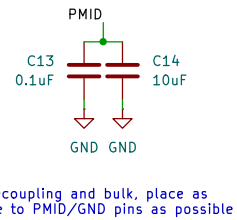
PMIC battery charger with power path



Thermistor

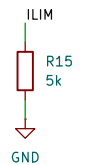


PMID pin



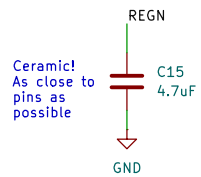
Decoupling and bulk, place as close to PMID/GND pins as possible

ILIM pin

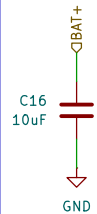


$L_{ILIM} = K_{ILIM}/R_{ILIM}$   
 $K_{ILIM} = 2500 \pm 250$   
 Can be software disabled

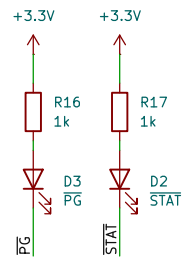
REGN pin



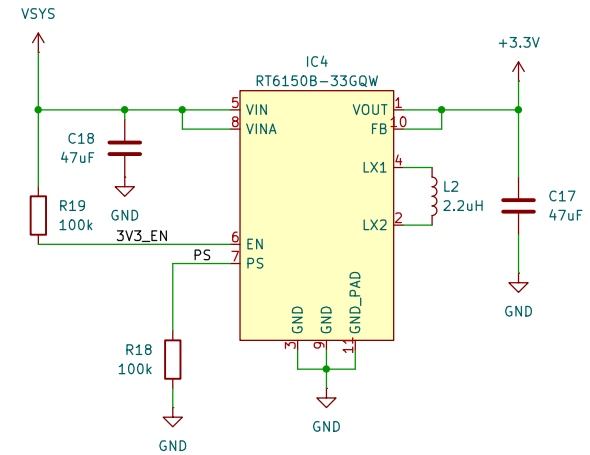
Battery decouple



Indicator LEDs



3.3V switching regulator  
 Basically taken from pico 2 datasheet/schematic



Output conditioning

