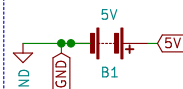
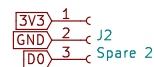
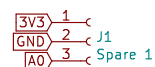


Power Management

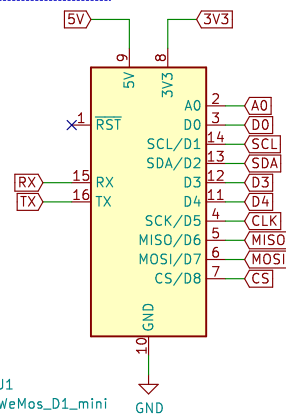
Vin 4-6V



Spare IO



Microcontroller



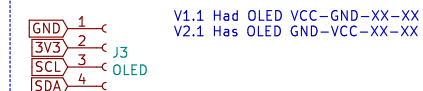
Telemetry Radio

Radio Module needs to be disconnected during flash
Baud must match HW serial code (currently 115200)

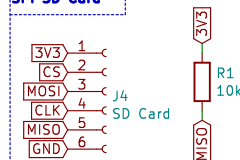


OLED Display

NOTE: Some OLEDs Power & Ground are reversed



SPI SD Card



Note:
10K pullup not always needed
but without can cause random
write errors

GPS Receiver



Note:
BN220 has no compass but has battery for
quick signal lock if location hasn't moved.



MKME Lab

Sheet: /

File: ResQ KiCad Version.sch

Title: ResQ Open Source Search and Rescue Hardware

Size: A4

Date: 2020-08-17

Rev: 2.1

KiCad E.D.A. kicad (5.1.6)-1

Id: 1/1