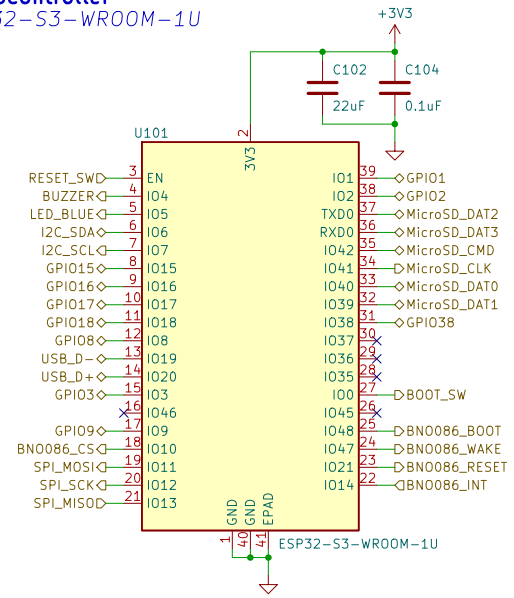
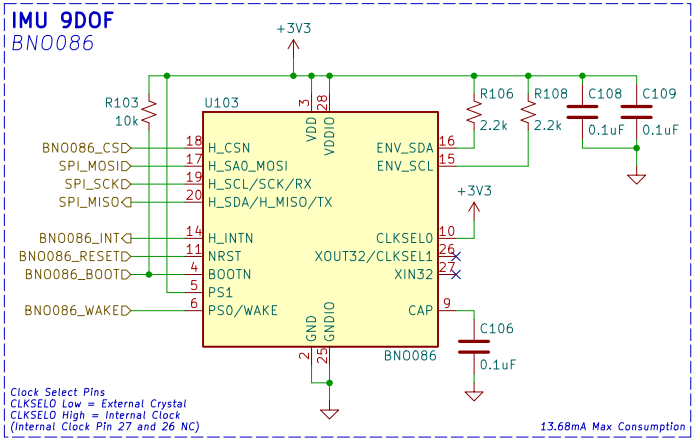
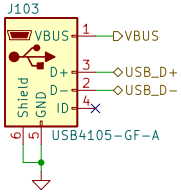
Microcontroller
ESP32-S3-WROOM-1U



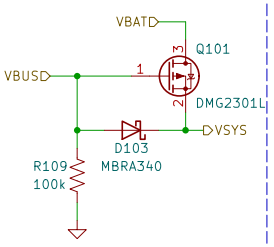
IMU 9DOF
BNO086



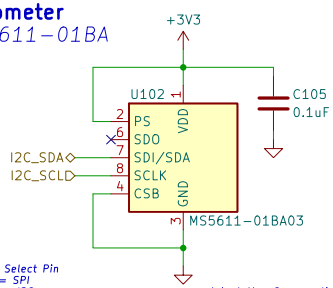
ESP32 USB Micro-B Port
Power/Data



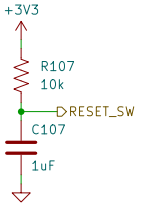
Power



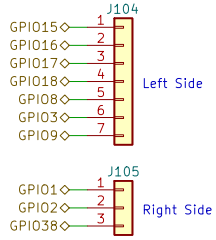
Barometer
MS5611-01BA



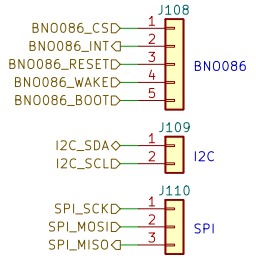
MCU Boot Delay



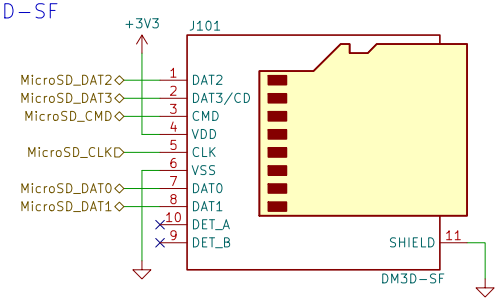
Extra Pins



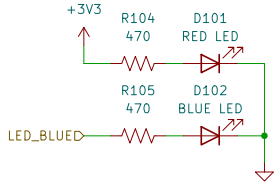
Debug Pins



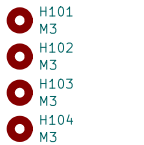
MicroSD Card Connector
DM3D-SF



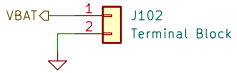
LEDS



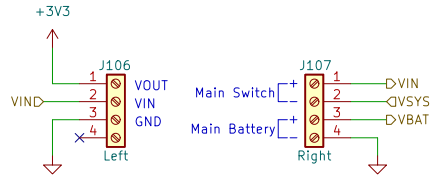
Mounting Holes



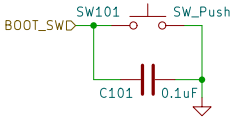
Battery Connector



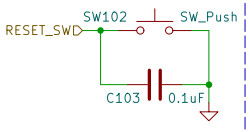
Screw Terminals



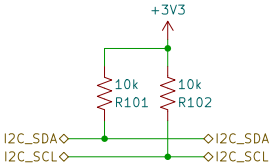
ESP32 Boot Button



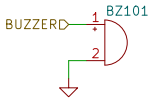
ESP32 Reset Button



Pull-Up Resistors



Piezo Buzzer
AT-0927-TT-6-R



Contributors: Thomas McManamen

Illinois Space Society

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Title: L1 Altimeter

Size: A4	Date: 2023-12-29	**Rev: A**
KiCad E.D.A. kicad 7.0.7		Id: 1/1