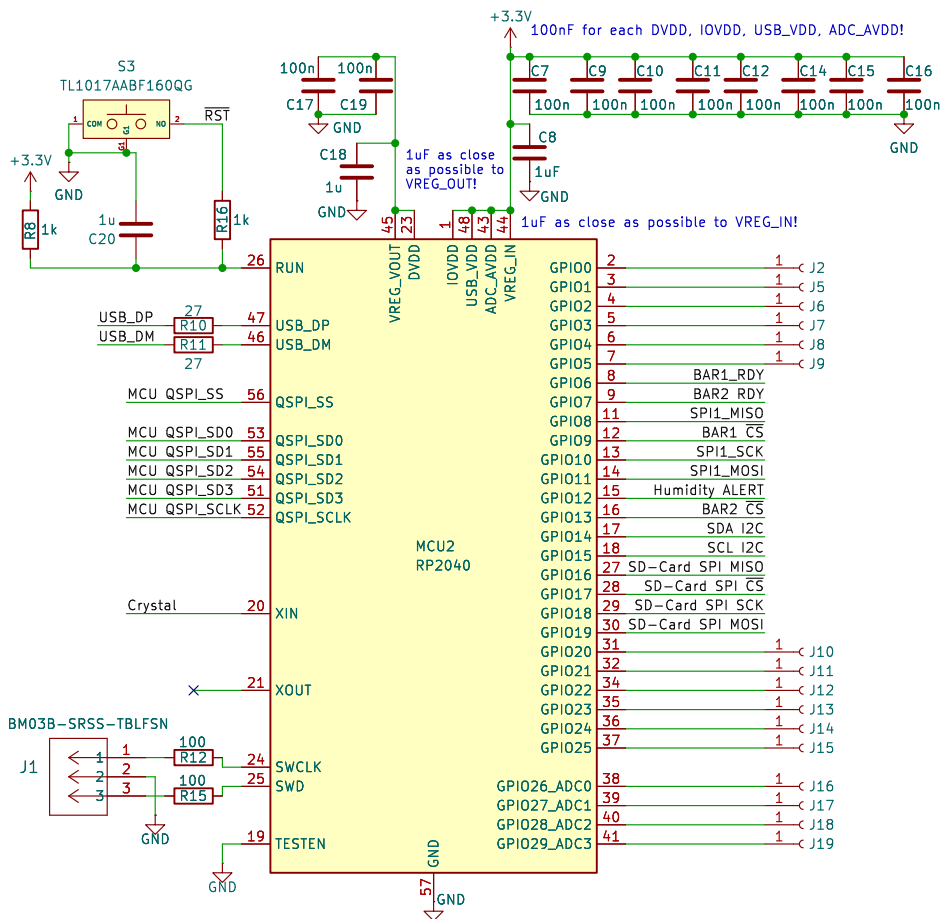
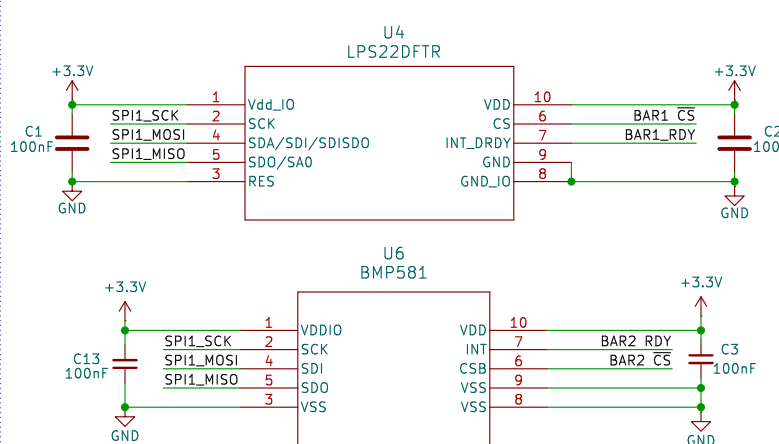


RP2040



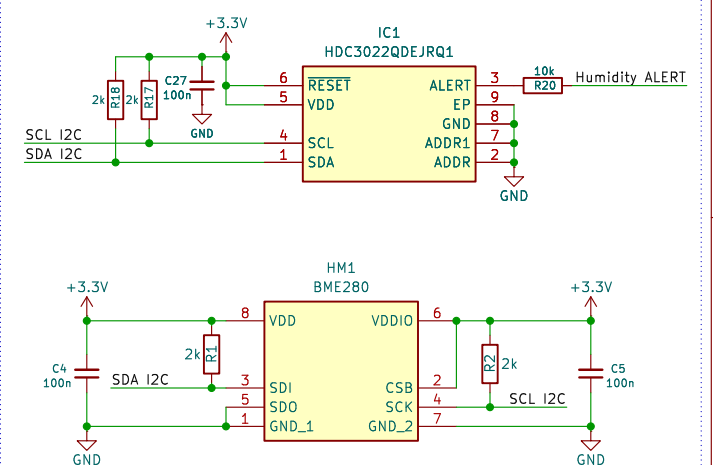
SensorBay

Pressure & Temperature Sensors



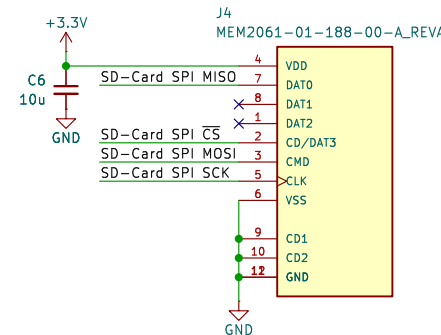
ST LPS22DF 200Hz
BOSH BMP581: 400Hz

Humidity & Temperature Sensors

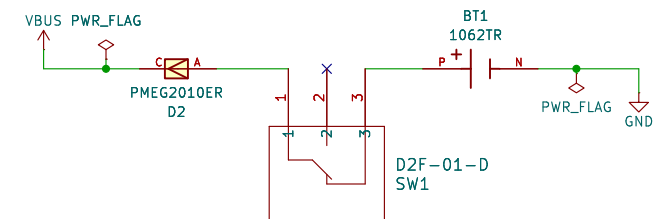


Bosh BME280: 1Hz, I2C ADDR 0x76
Texas HDC3022: 1Hz, I2C ADDR 0x47

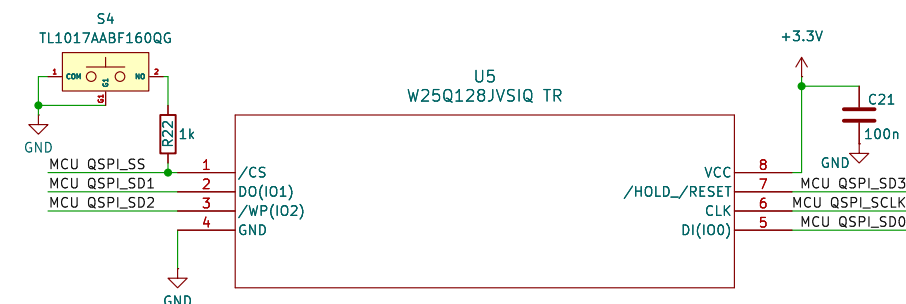
16G SD-Card



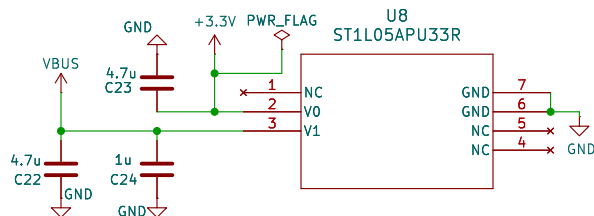
6V Coin Cell battery



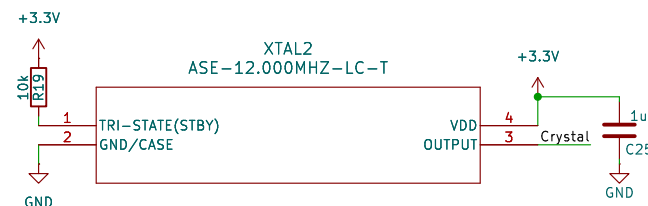
16MB Flash Memory



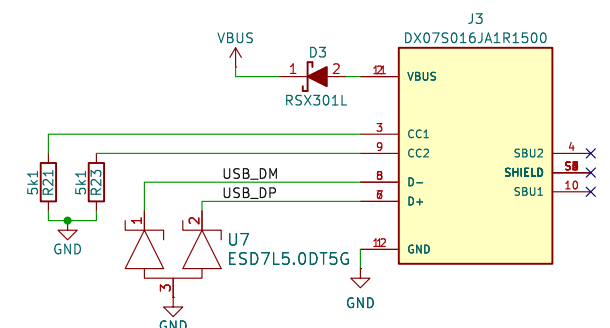
3V3 LDO



Powered Crystal



USB-C



Miguel Amorim
Porto Space Team

Sheet: /
File: PocketStat.kicad_sch

Title: PocketStat

Size: User Date: 2025-02-25
KiCad E.D.A. 8.0.8

Rev: 1.0
Id: 1/1