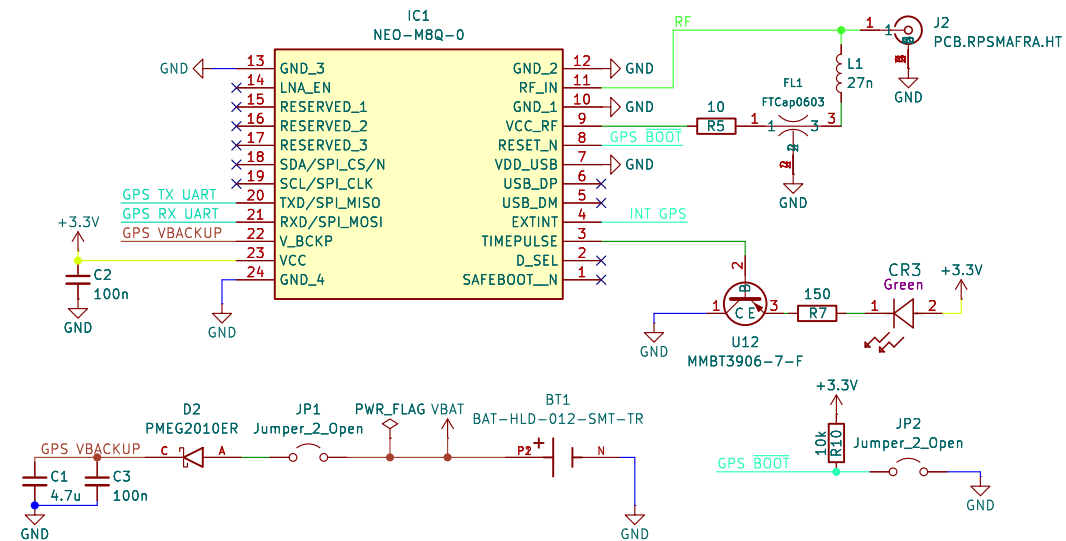
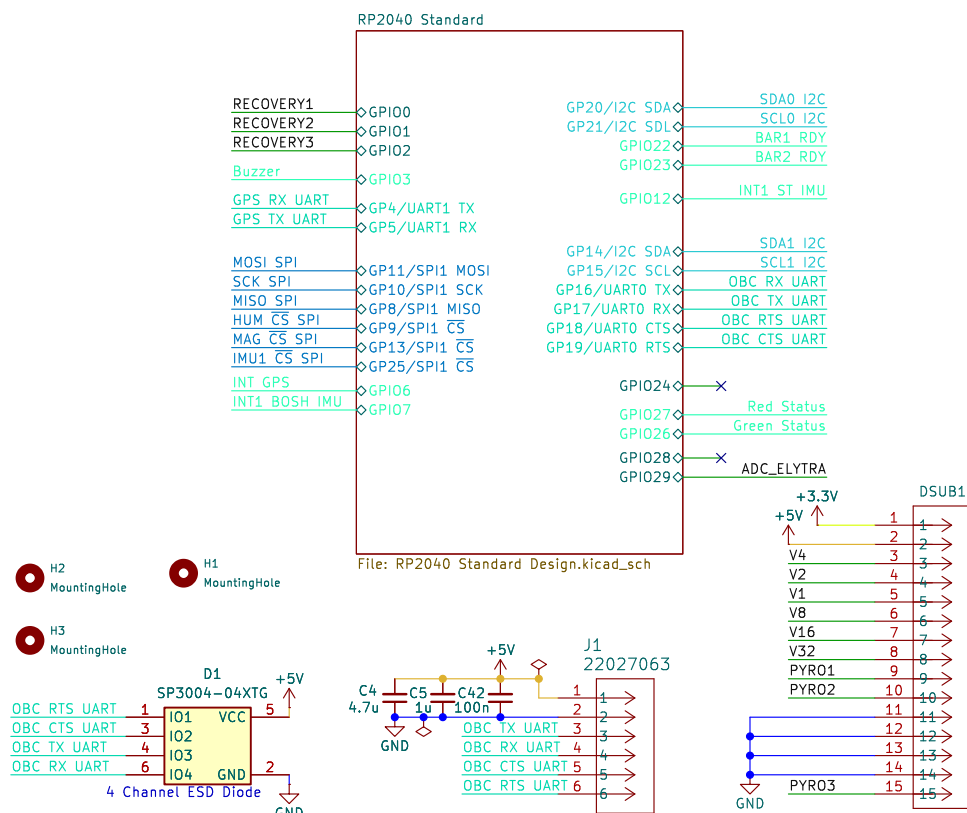


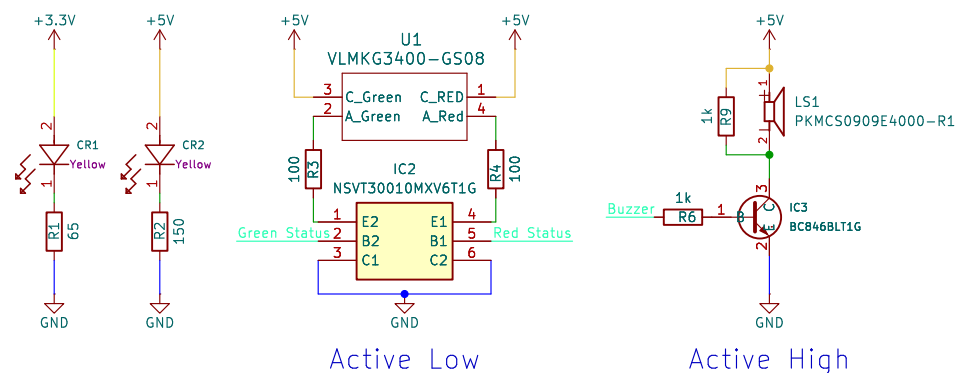
RP2040 Connections



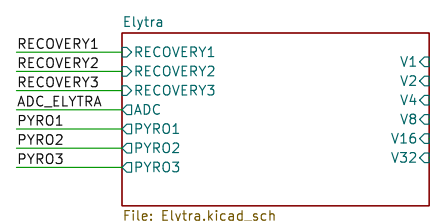
Sensor Unit 3: GPS

ublox NEO-M8Q-0: 10Hz with -167dBm

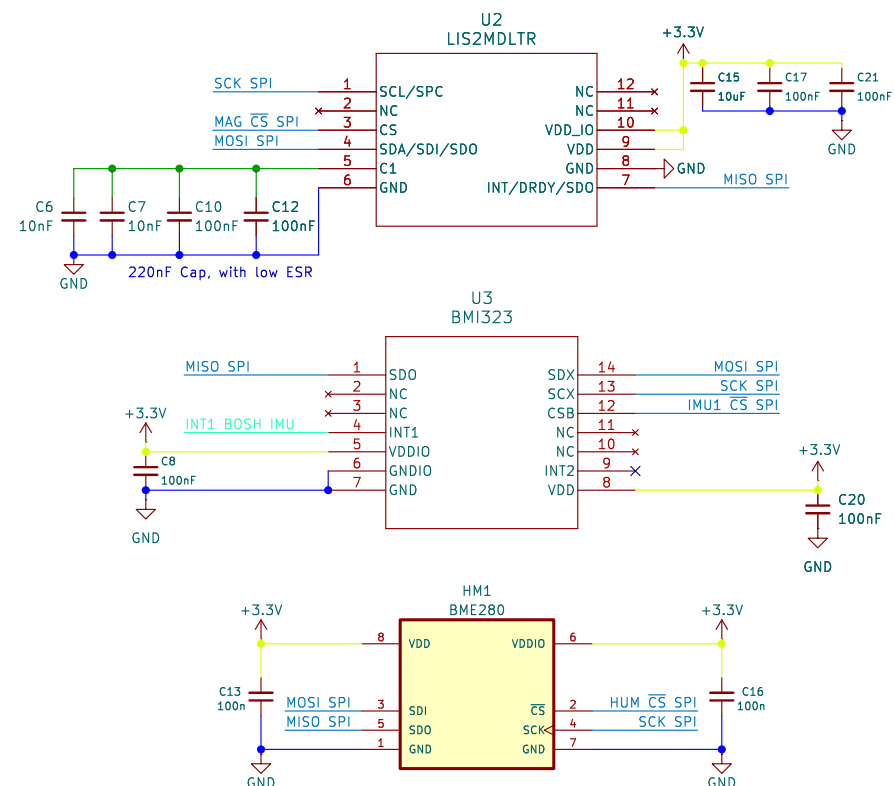
LEDs Drivers



ELYTRA Connections



SensorBay

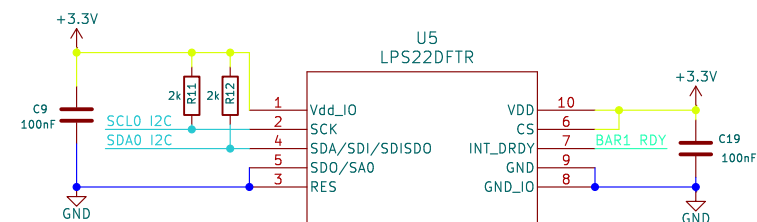
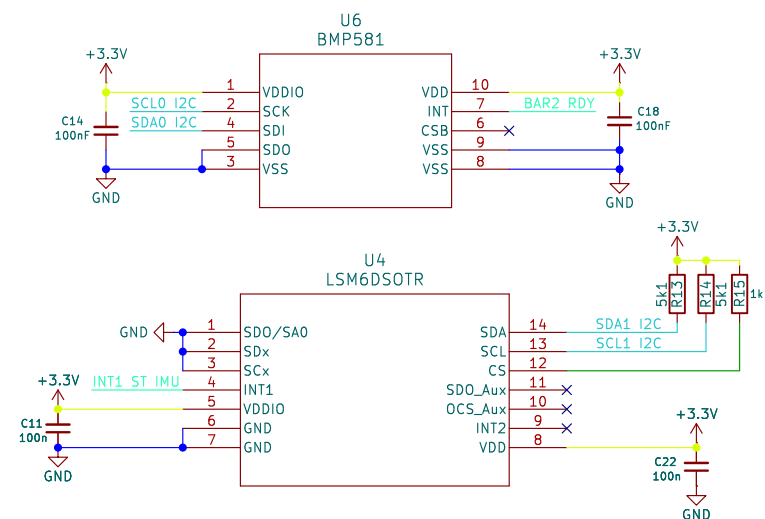


Sensor Unit 1: BOSH AXL&GYRO + ST MAGNETOMETER + BOSH HUMIDITY

BMI323: 6.4KHz, SPI 10MHz

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LIS2MDL: 100Hz, SPI 10MHz
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BME280: 1Hz, SPI 10MHz



Sensor Unit 2: ST AXL&GYRO + BOSH BAROMETER + ST BAROMETER

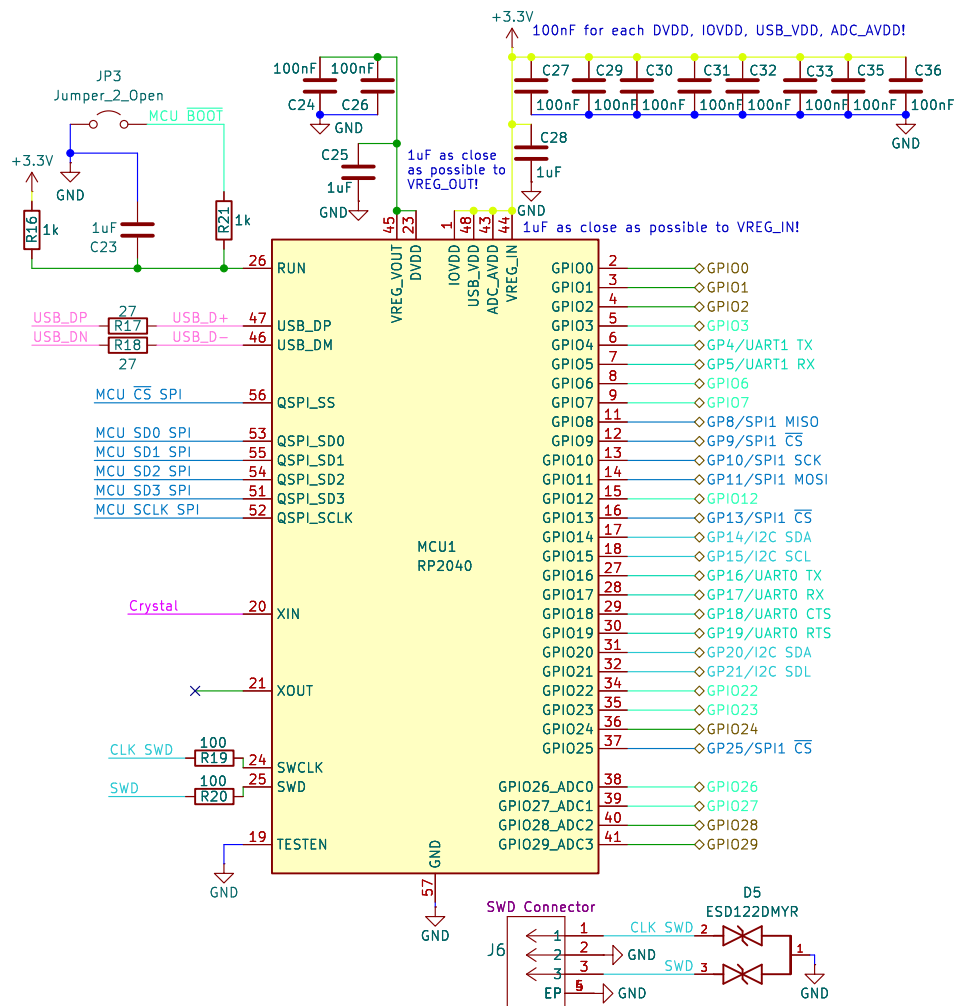
LSM6DS0: 6.4KHz, I2C Fast Mode 400kHz, ADDR 0x6A

BMP581: 400Hz, I2C Fast Mode Plus 1MHz, ADDR 0x46

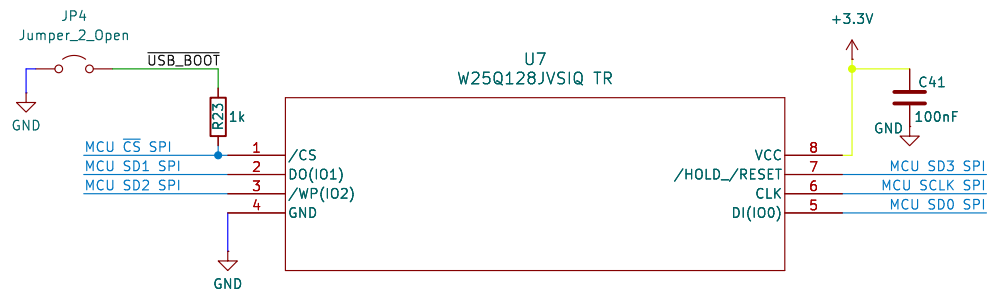
LPS22DF: 200Hz, I2C Fast Mode Plus 1MHz, ADDR 0x5C

Guilherme Coelho Miguel Amorim Porto Space Team	
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Title: Navigator	
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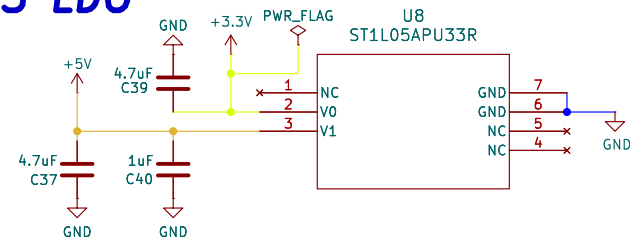
RP2040



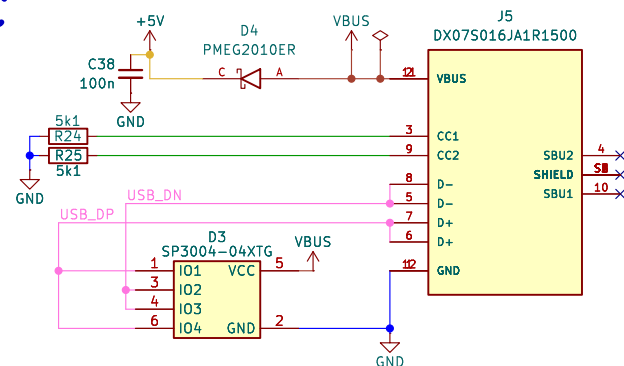
16MB Flash Memory



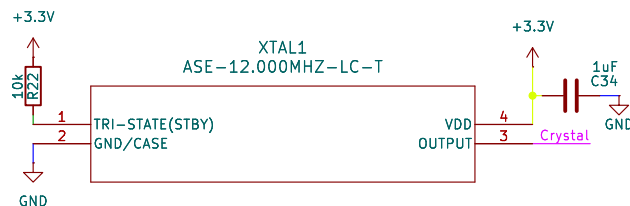
5V-3V3 LDO



USB-C



Powered Crystal



Miguel Amorim

Porto Space Team

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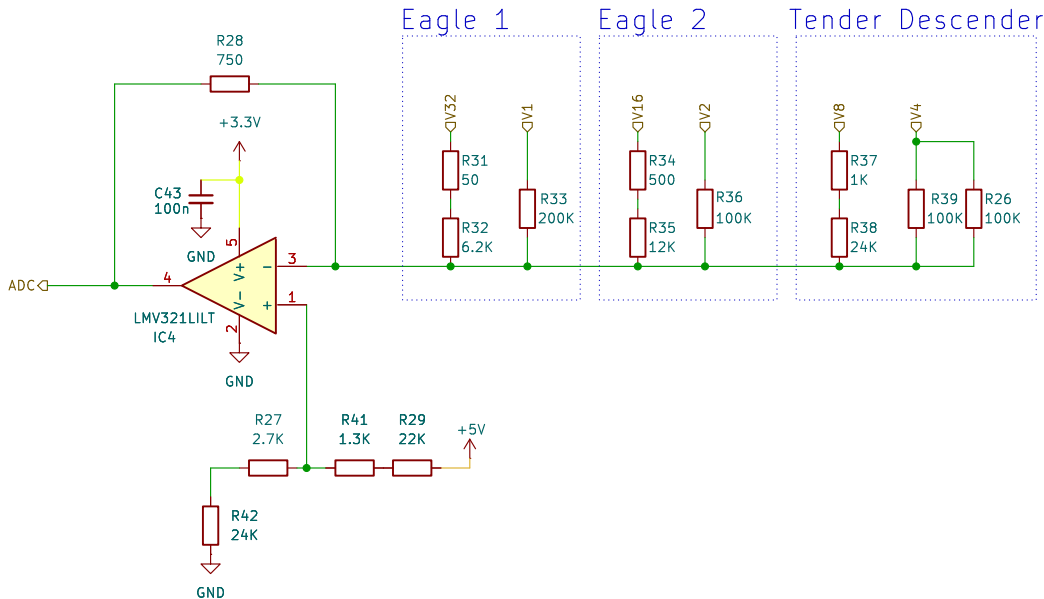
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Rev:

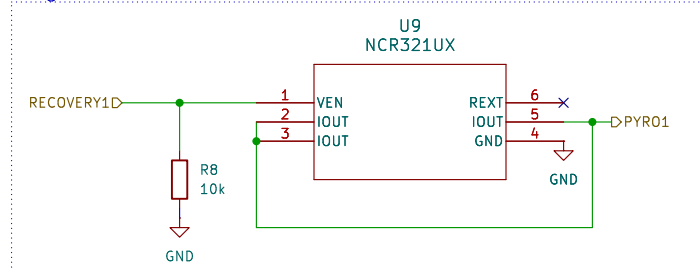
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Recovery Detection

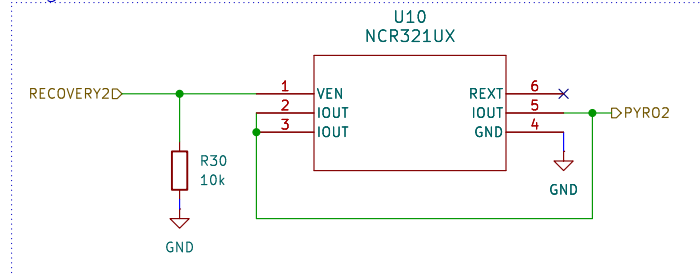


Recovery Trigger

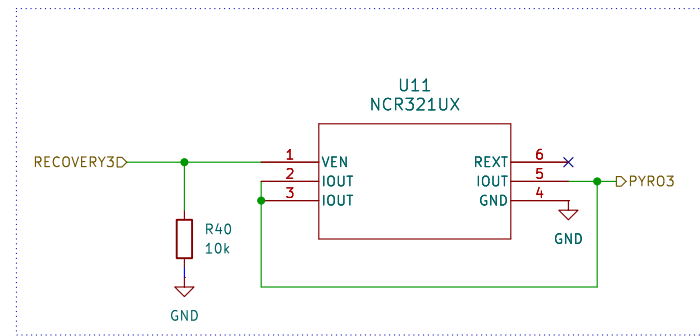
Eagle 1



Eagle 2



Tender Descender



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Size: User Date:

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Rev:

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