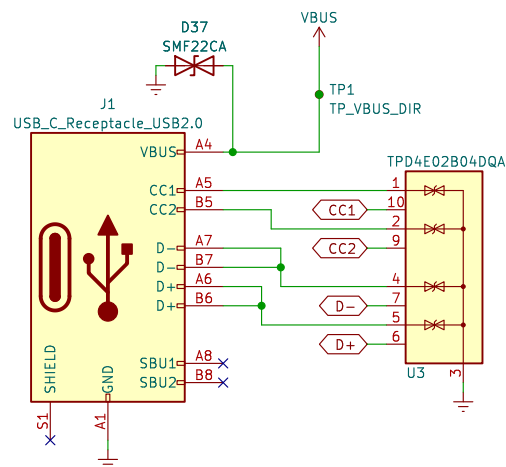
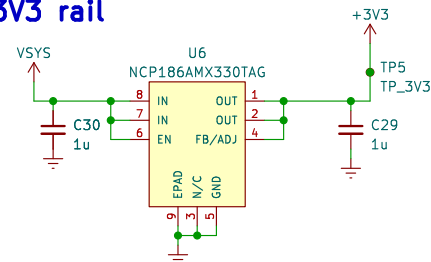


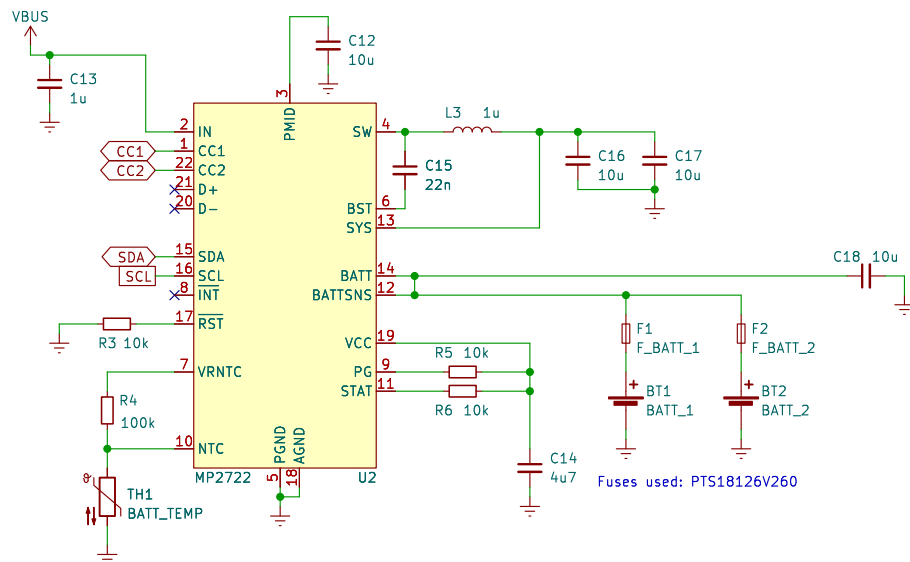
USB-C Connector



3V3 rail



Battery, power-path and USB-C management



b1u3-22

Sheet: /Power management/
File: power.kicad_sch

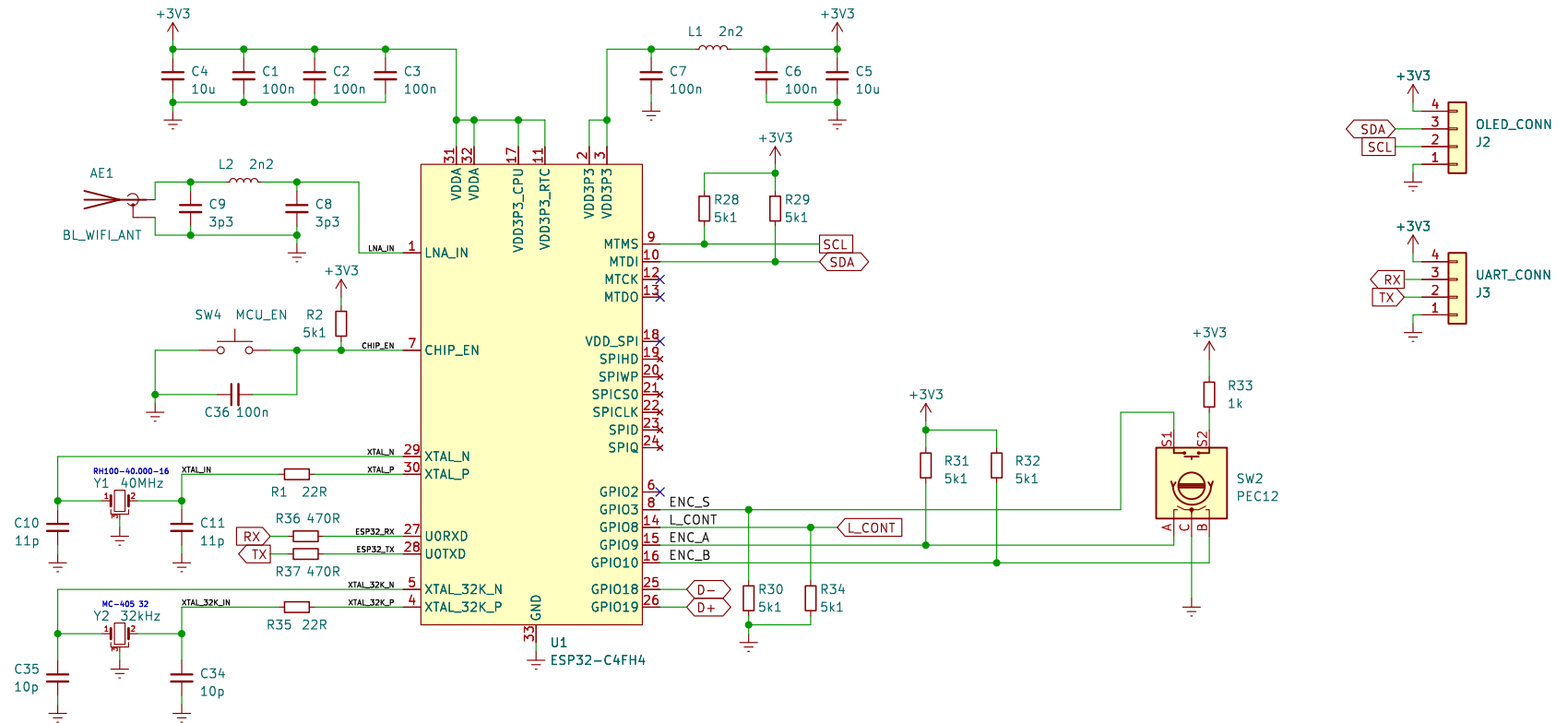
Title: Aitken - Power

Size: A4 Date: 2023-10-29

KiCad E.D.A. kicad 7.0.2

Rev: 0.1

Id: 2/5



b1u3-22

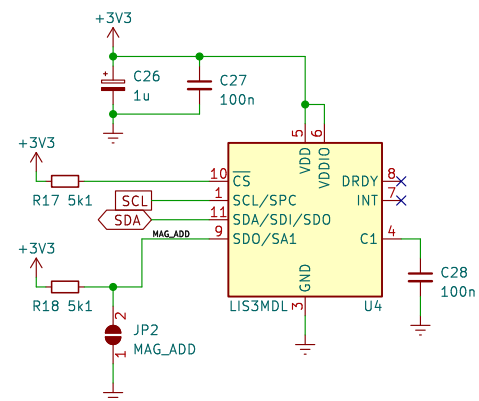
Sheet: /MCU/
File: mcu.kicad_sch

Title: Aitken - MCU

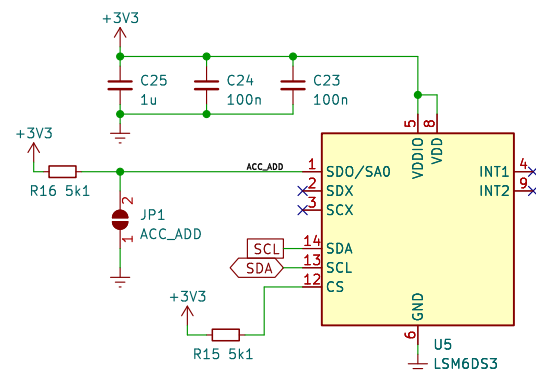
Size: A4 Date: 2023-10-29
KiCad E.D.A. kicad 7.0.2

Rev: 0.1
Id: 3/5

Magnetometer



Accelerometer and Gyroscope



b1u3-22

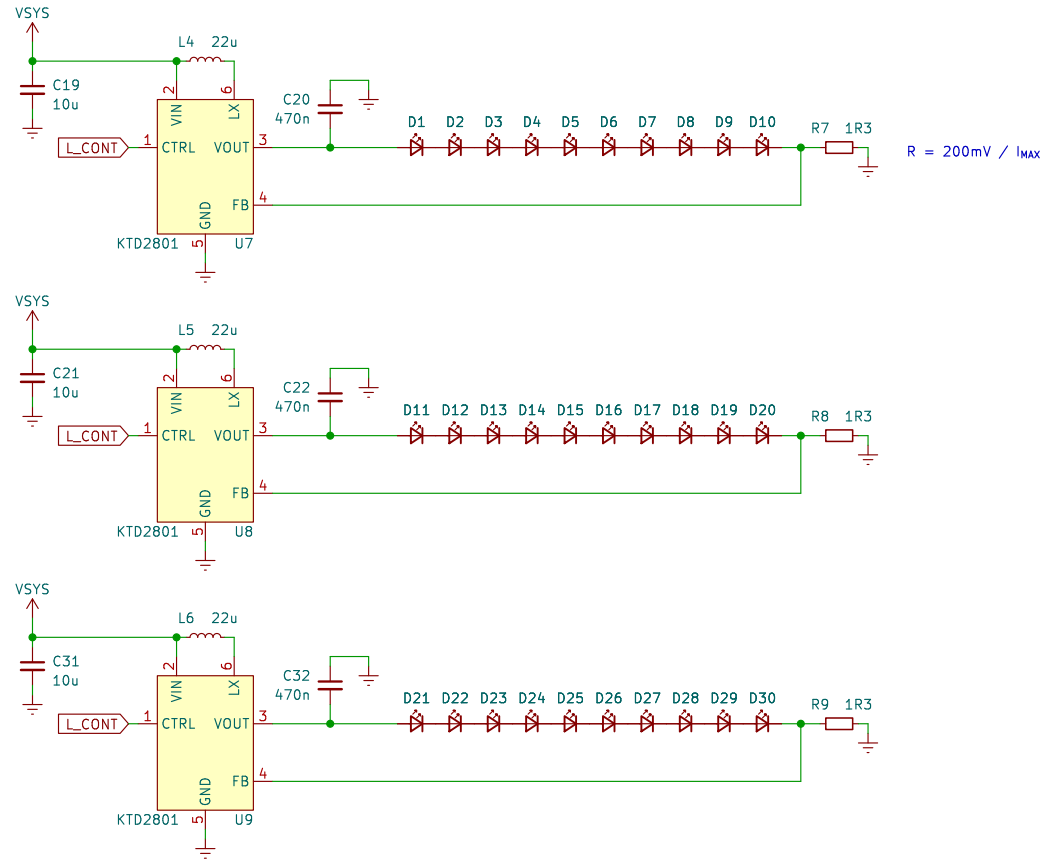
Sheet: /Sensors/
File: sensors.kicad_sch

Title: Aitken – Sensors

Size: A4 Date: 2023-10-29
KiCad E.D.A. kicad 7.0.2

Rev: 0.1
Id: 4/5

LEDs used: Red JE2835
Max current: 250mA
Target current: 140–200mA
Forward voltage: 2.2V



b1u3-22

Sheet: /Lights/
File: lights.kicad_sch

Title: Aitken – Lights

Size: A4 Date: 2023-10-29

KiCad E.D.A. kicad 7.0.2

Rev: 0.1

Id: 5/5