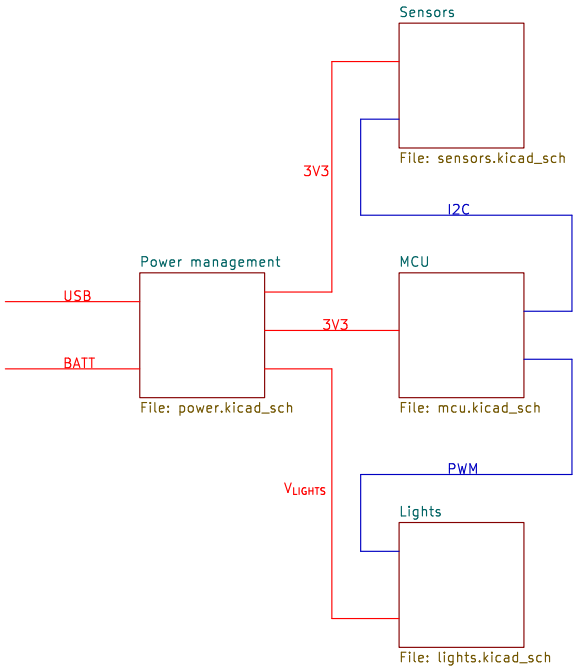
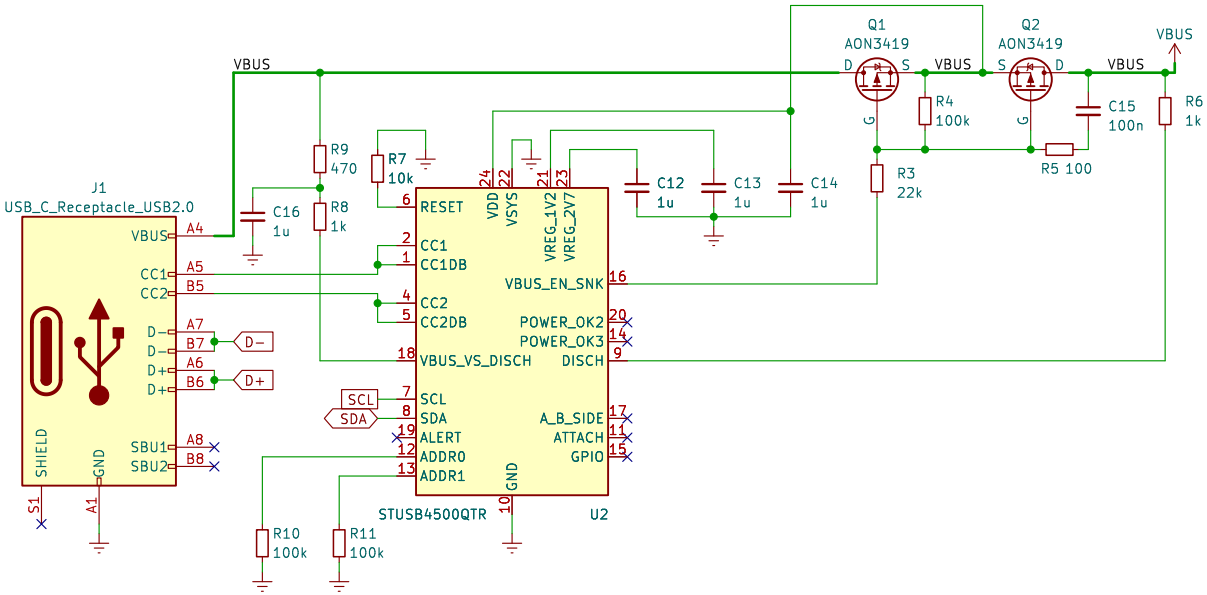
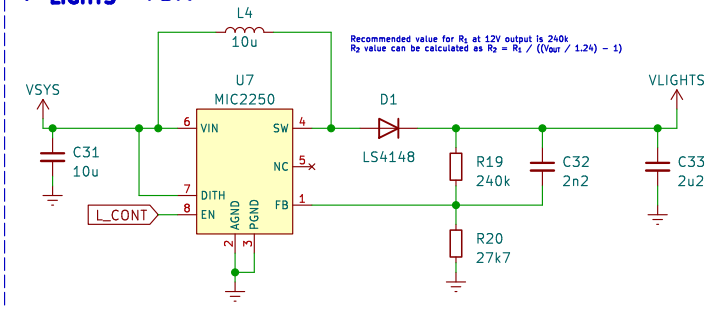


b1u3-22		
Sheet: / File: Aitken.kicad_sch		
Title: Aitken – Overview		
Size: A4	Date: 2023-10-29	**Rev: 0.1**
KiCad E.D.A. kicad 7.0.2		Id: 1/5

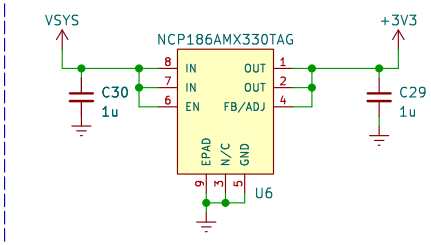
USB-C PD



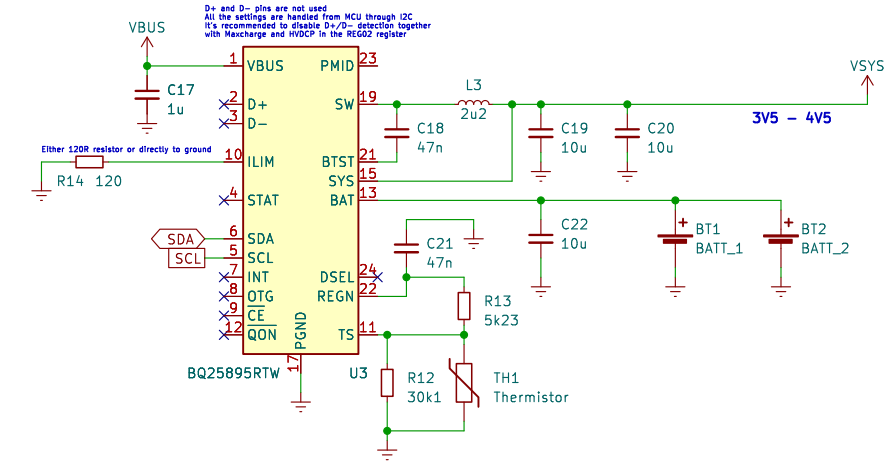
V LIGHTS rail



3V3 rail



Powerpath and battery management



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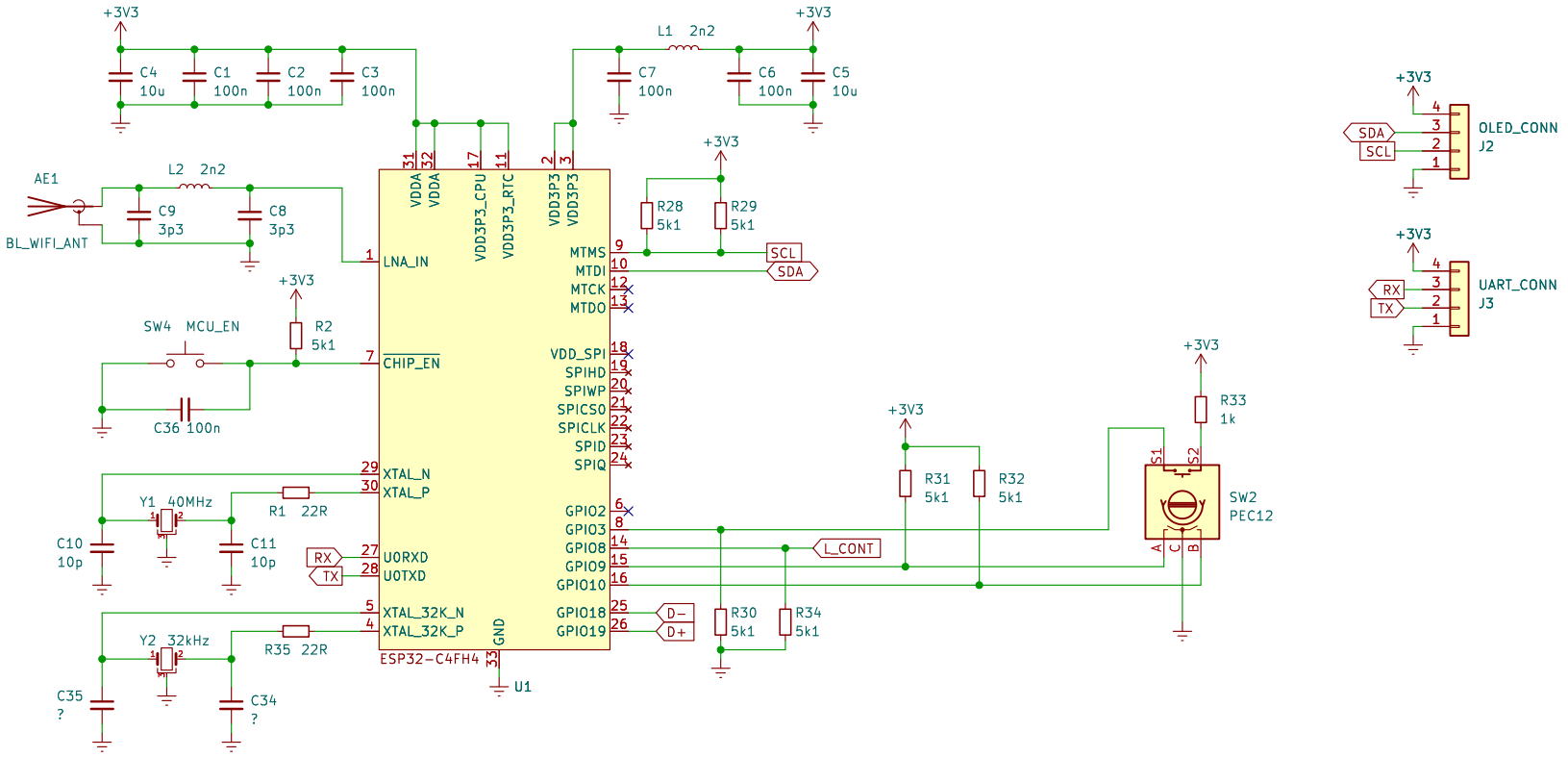
Size: A4	Date: 2023-10-29	**Rev: 0.1**
KiCad E.D.A. kicad 7.0.2		Id: 2/5



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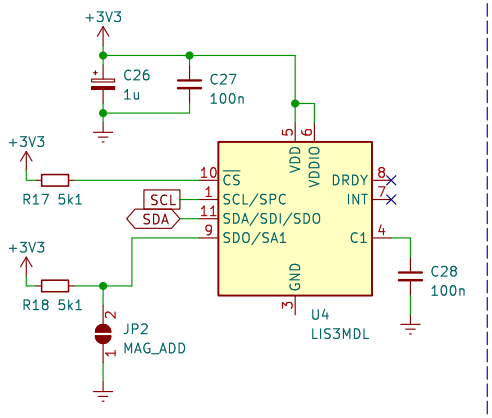
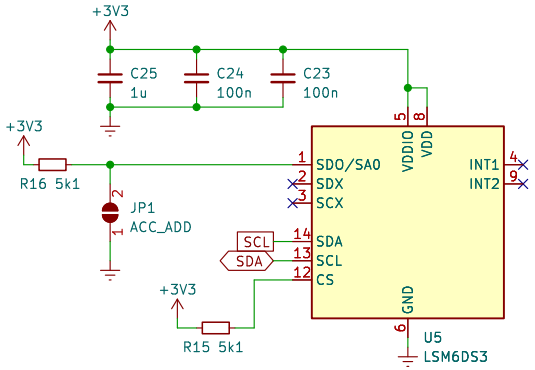
File: mcu.kicad_sch		
Title: Aitken – MCU		
Size: A4	Date: 2023-10-29	**Rev: 0.1**
KiCad E.D.A. kicad 7.0.2		Id: 3/5

Magnetometer



Accelerometer and Gyroscope



b1u3-22		
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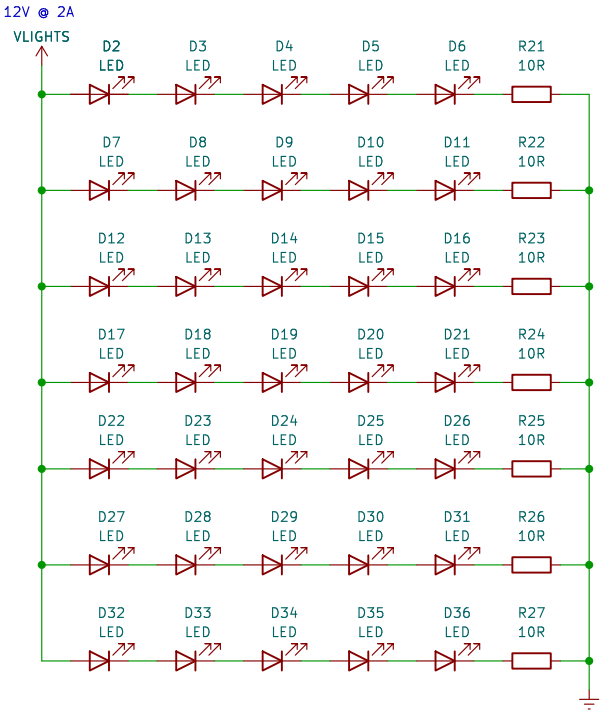
File: sensors.kicad_sch		
Title: Aitken – Sensors		
Size: A4	Date: 2023-10-29	**Rev: 0.1**
KiCad E.D.A. kicad 7.0.2		Id: 4/5

LEDs used: Red JE2835
Max current: 250mA
Target current: 160–200mA
Forward voltage: 2.2V



b1u3-22
Sheet: /Lights/
File: lights.kicad_sch

Title: Aitken – Lights

Size: A4	Date: 2023-10-29	**Rev: 0.1**
KiCad E.D.A. kicad 7.0.2		Id: 5/5