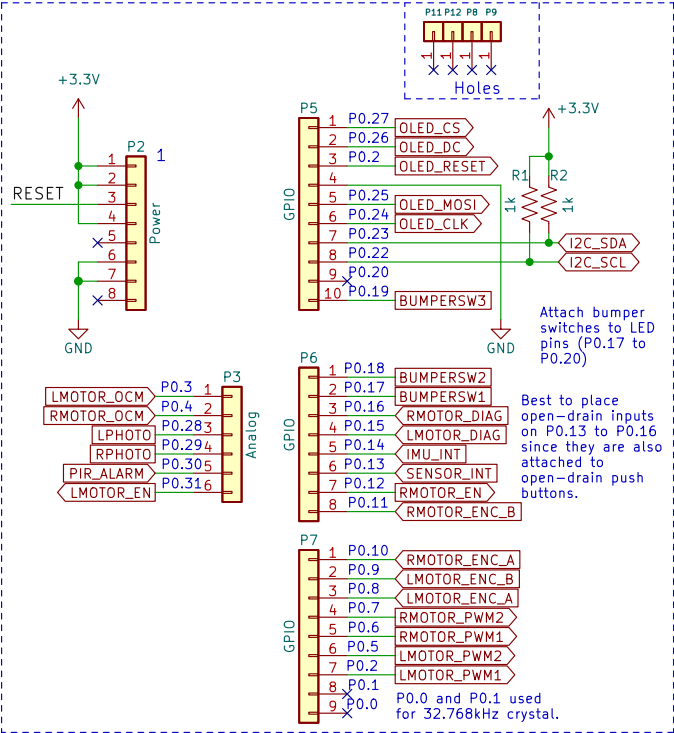





Shield for Nordic nRF52DK



Additional Sheets

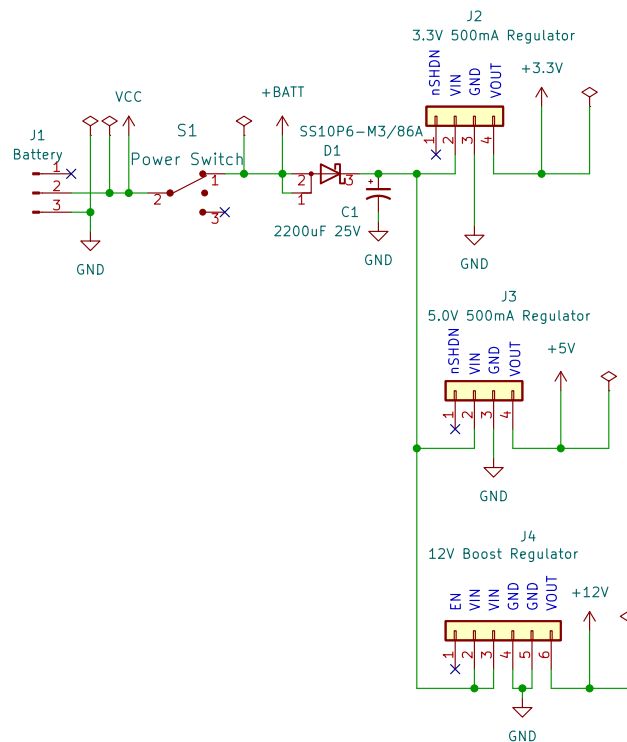
Power Supply	Sensors	Motors
		
File: PowerSupply.kicad_sch	File: Sensors.kicad_sch	File: Motors.kicad_sch

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Designed by Adam Green – <https://github.com/adamgreen>  
Sheet: /  
File: shield.kicad\_sch

Title: RugRover Shield

Size: A	Date: 2022-04-05	Rev: 1.0
KiCad E.D.A. kicad (6.0.2-0)		Id: 1/4

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Designed by Adam Green - <https://github.com/adamgreen>

Sheet: /Power Supply/

File: PowerSupply.kicad\_sch

**Title: RugRover Shield**

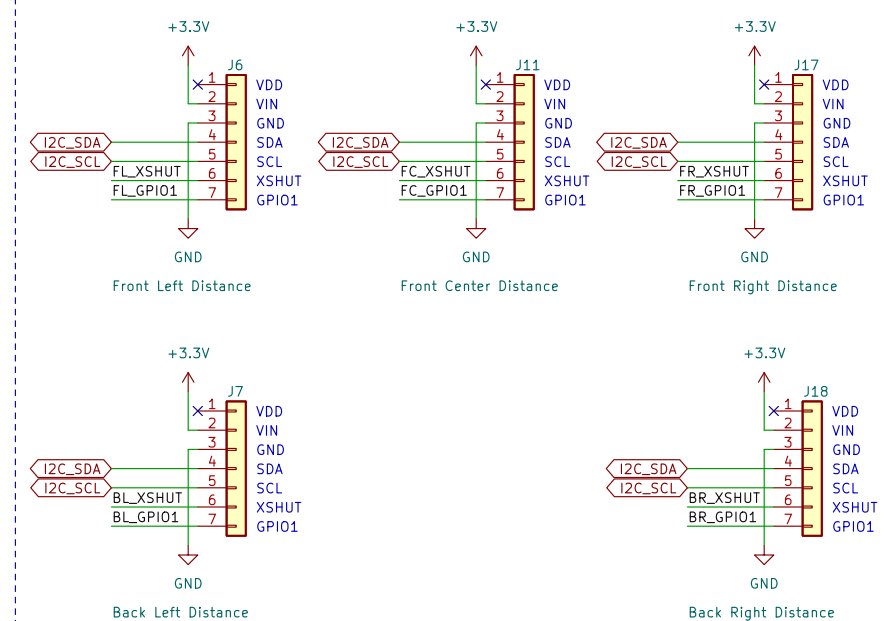
Size: A Date: 2022-04-05

KiCad E.D.A. kicad (6.0.2-0)

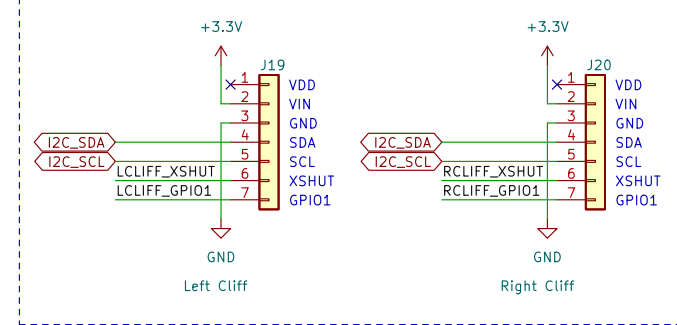
Rev: 1.0

Id: 2/4

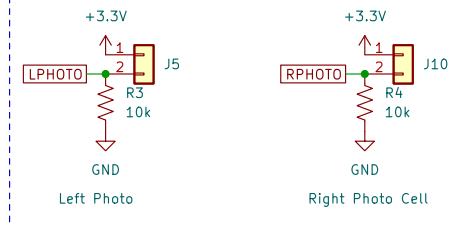
# Time of Flight Distance Sensors



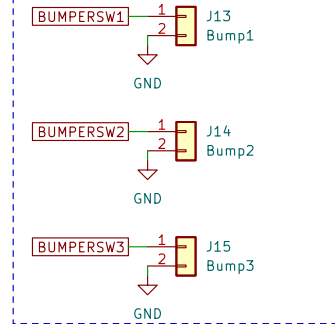
# Cliff Detectors



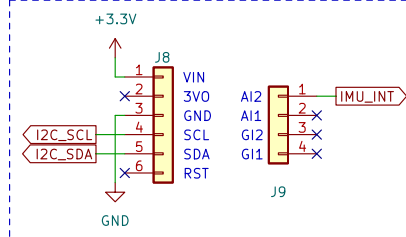
# Photo Cells



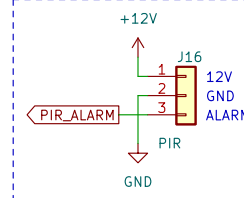
# Bumper Switches



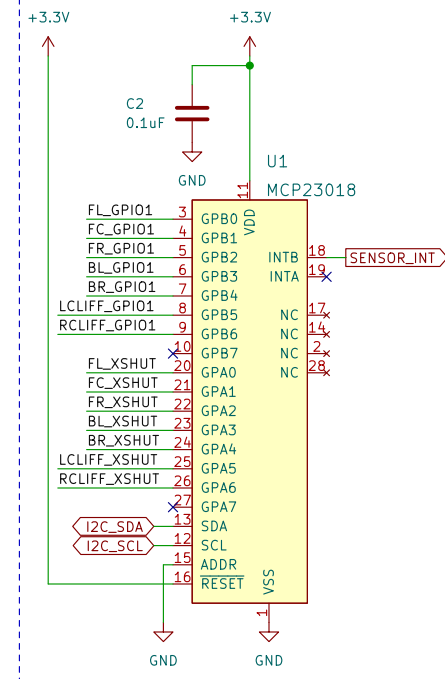
# 9DoF IMU



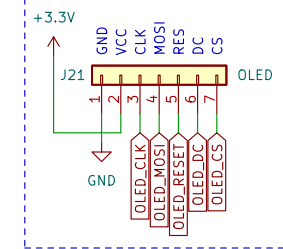
# PIR Motion Sensor



# I/O Expander for Extra Time-of-Flight Sensor Signals



# OLED Display



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Sheet: /Sensors/

File: Sensors.kicad\_sch

**Title: RugRover Shield**

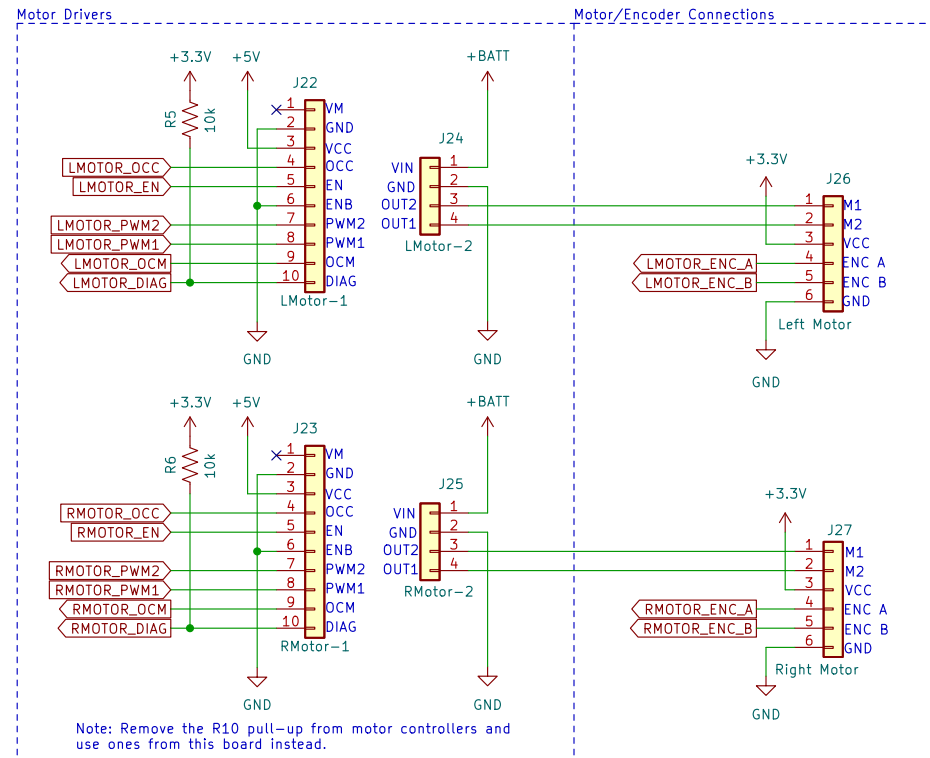
Size: A Date: 2022-04-05

KiCad E.D.A. kicad (6.0.2-0)

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Rev: 1.0

Id: 3/4



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Sheet: /Motors/

File: Motors.kicad\_sch

**Title: RugRover Shield**

Size: A Date: 2022-04-05

KiCad E.D.A. kicad (6.0.2-0)

Rev: 1.0

Id: 4/4