

Linux based scout UAV

LinuxベースのスカウトUAV

Sheetname: osd32mp1-1-power

File: osd32mp1-1-power.kicad_sch

Sheetname: osd32mp1-2

File: osd32mp1-2.kicad_sch

Sheetname: osd32mp1-3

File: osd32mp1-3.kicad_sch

Sheetname: battery-power

File: battery-power.kicad_sch

Sheetname: power-section-1

File: power-section-1.kicad_sch

storage

File: storage.kicad_sch

long-range-radio-1

File: long-range-radio-1.kicad_sch

quectel-m65-1

File: quectel-m65-1.kicad_sch

GNSS

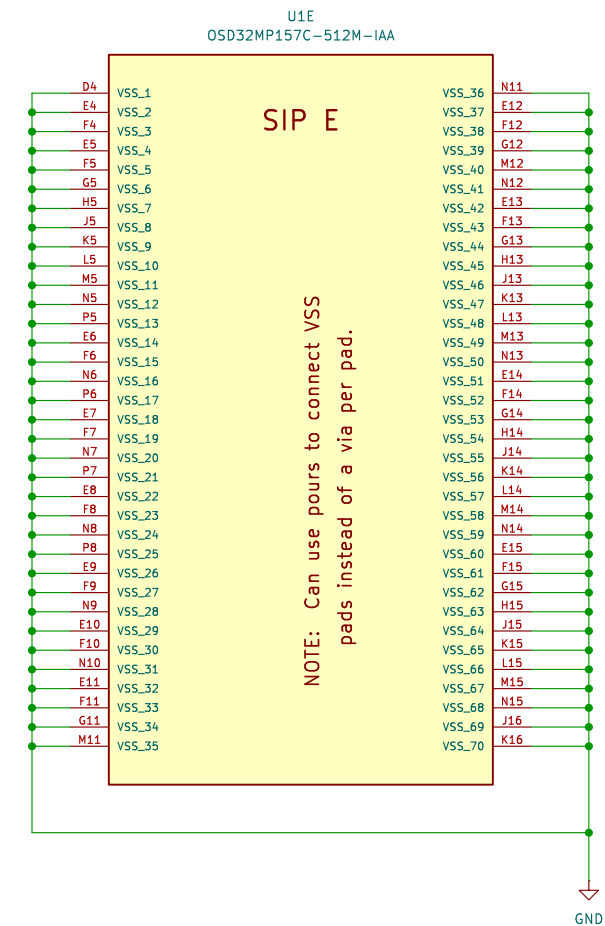
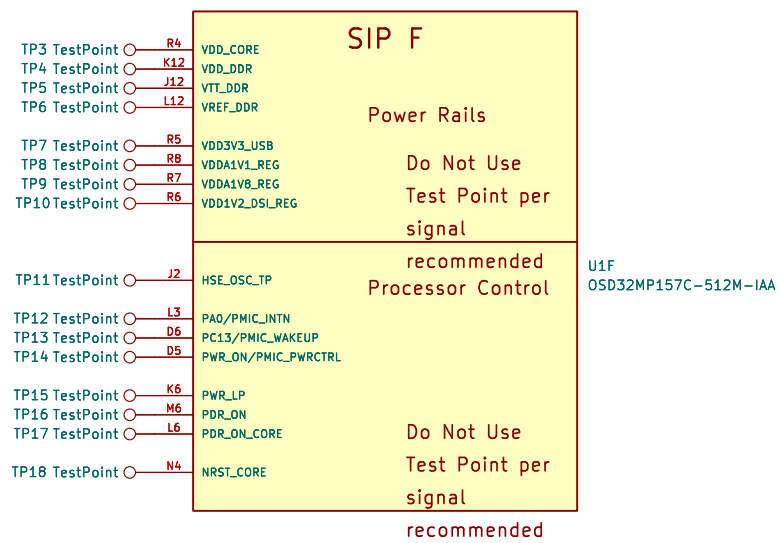
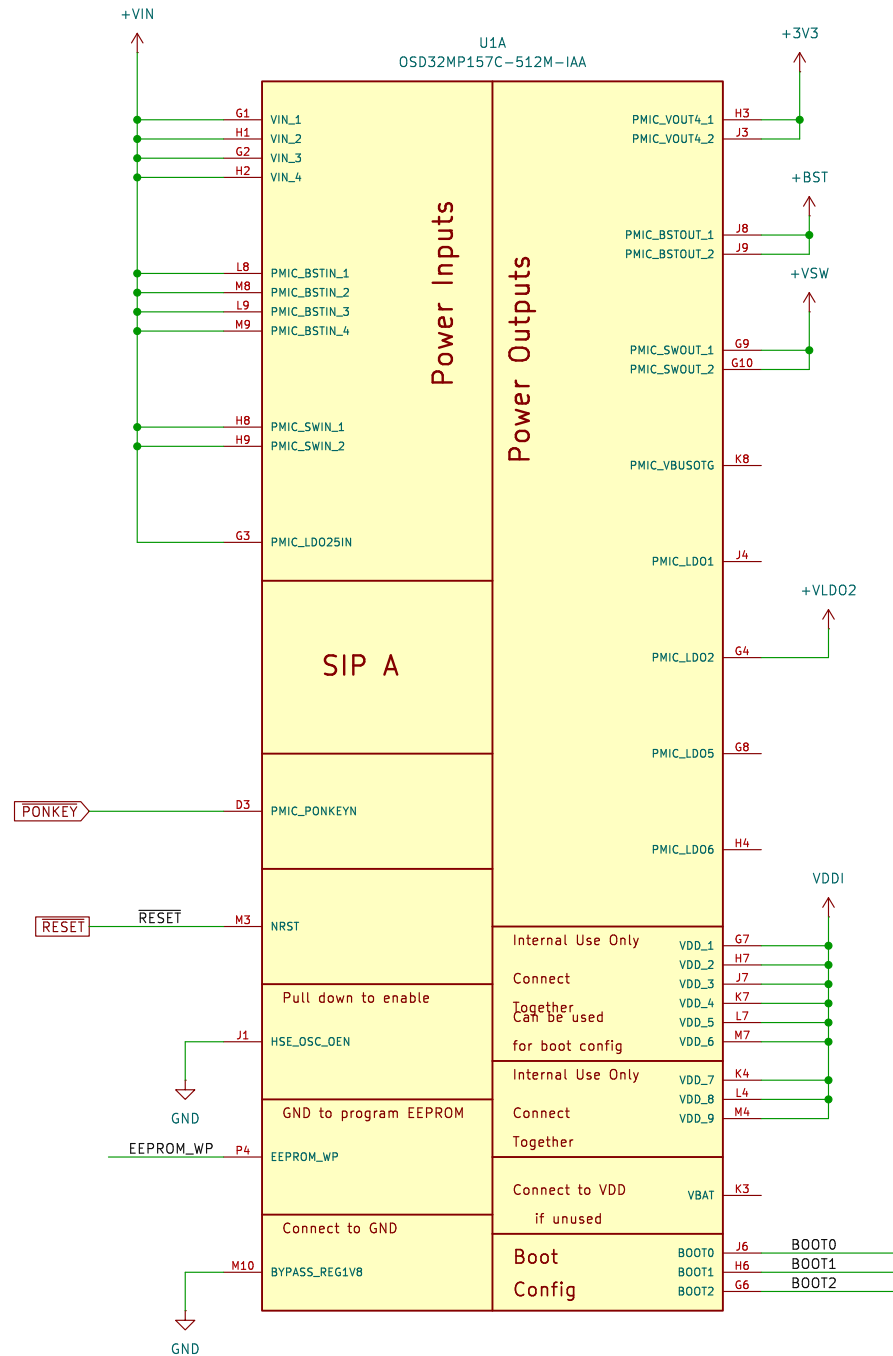
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sensors-1

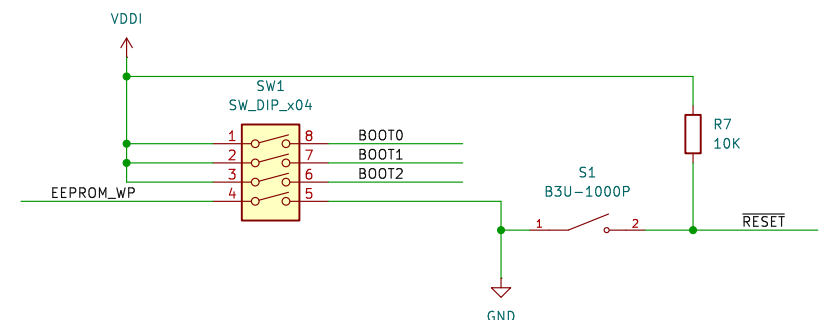
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Sheet: / File: linux-based-scout-uav.kicad_sch		
Title:		
Size: A3	Date:	Rev:
KiCad E.D.A. 8.0.6		Id: 1/11

OSD32MP1 power



User config and reset control



Sheet: /osd32mp1-1-power/
File: osd32mp1-1-power.kicad_sch

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Size: A3

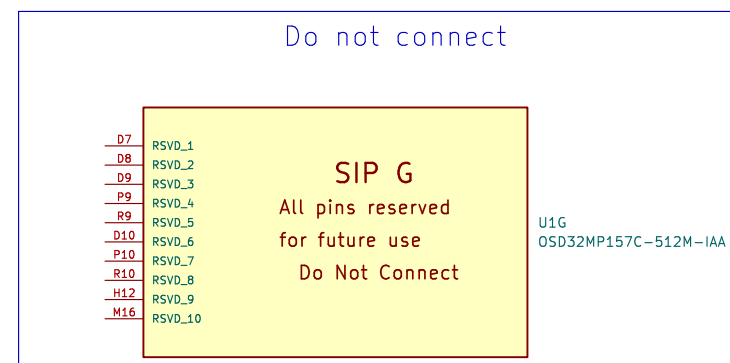
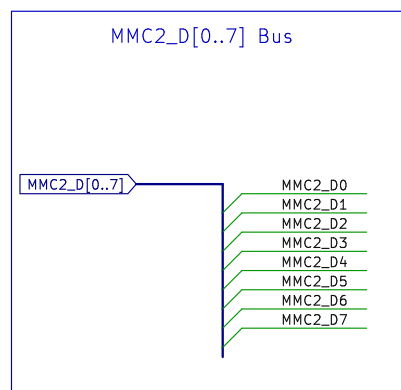
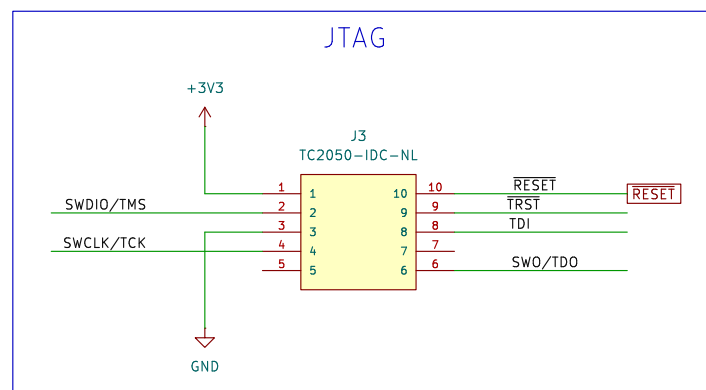
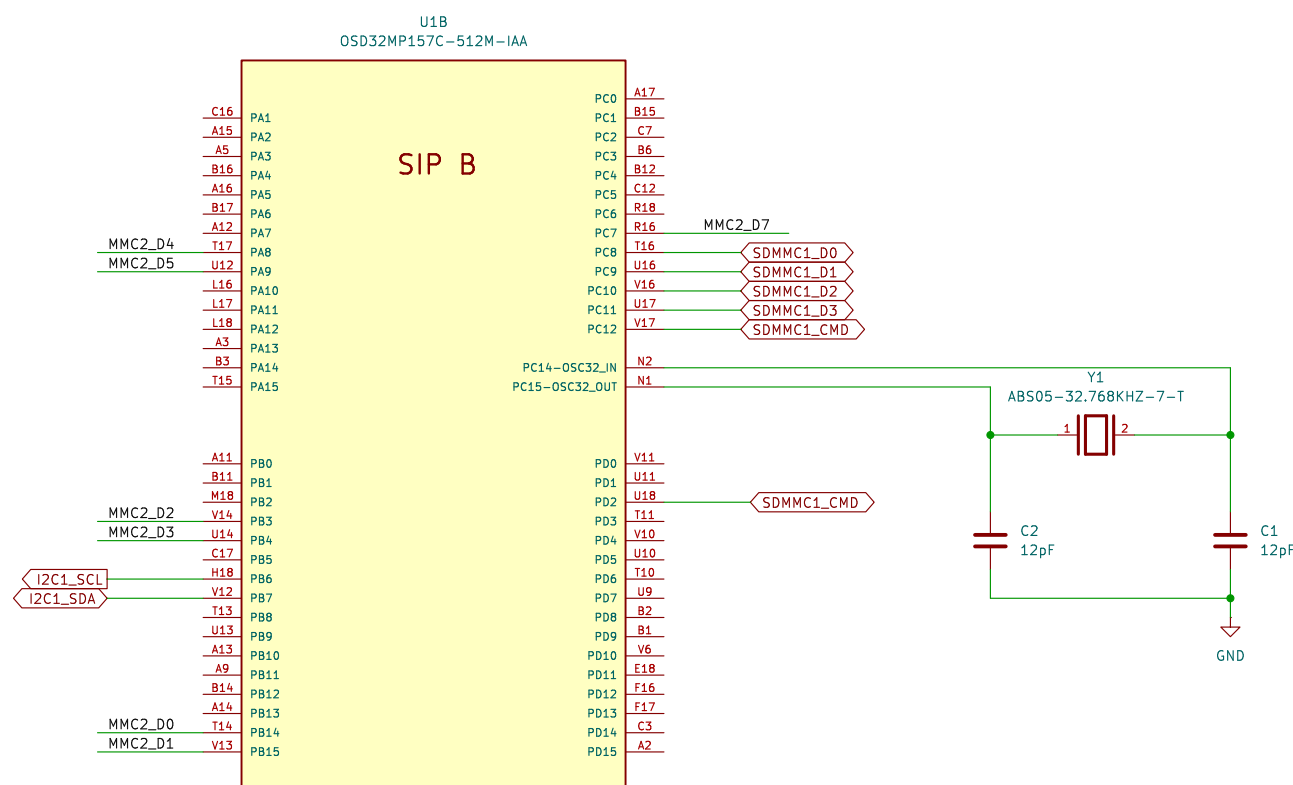
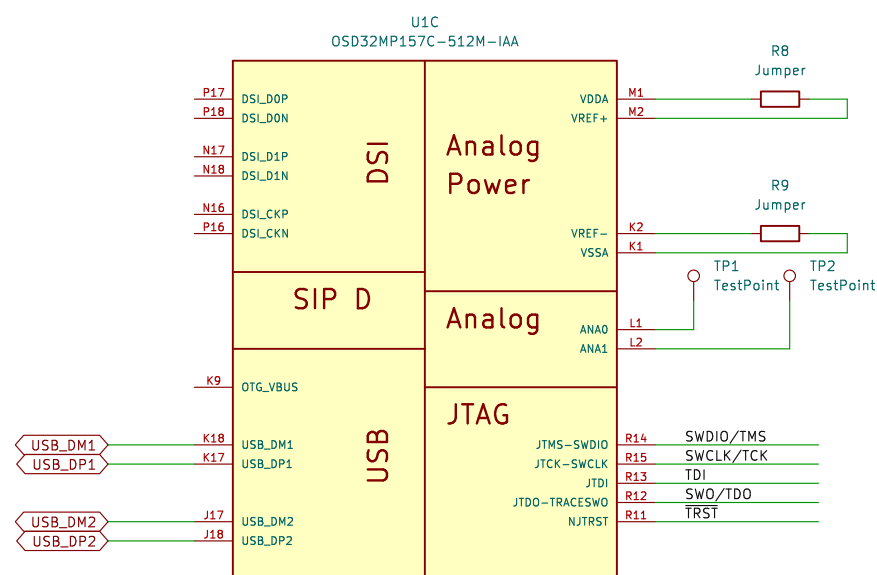
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KiCad E.D.A. 8.0.6

Id: 2/11

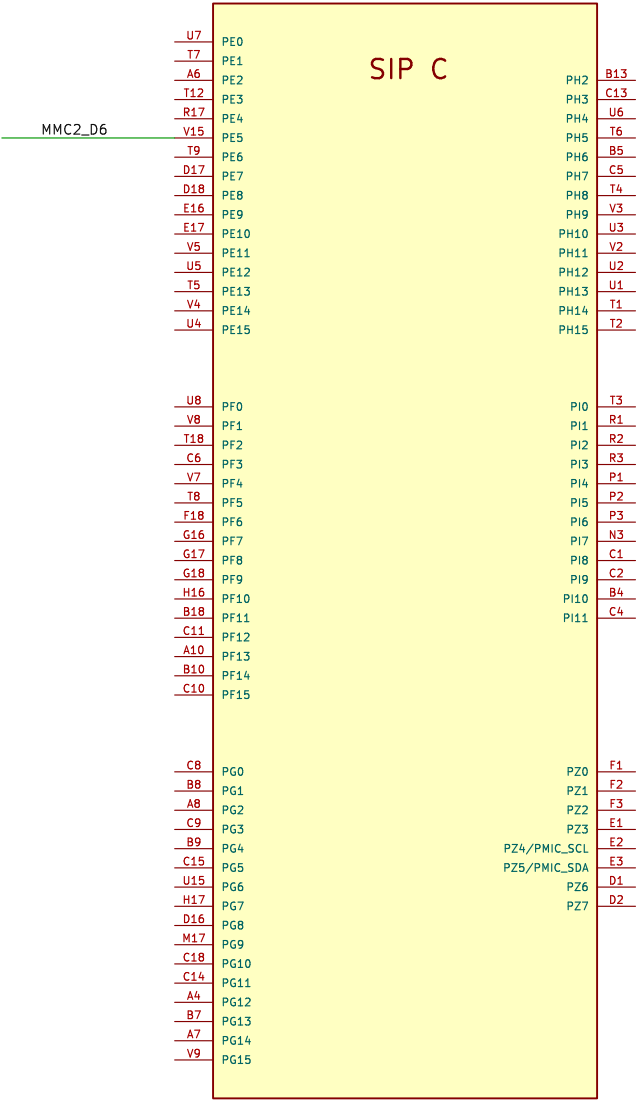
OSD32MP1



OSD32MP1

U1D
OSD32MP157C-512M-IAA

SIP C



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Size: A3

Date:

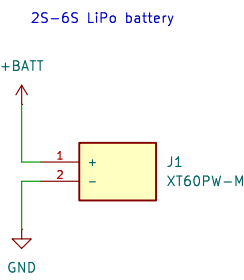
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Battery Power

バッテリー電源



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Date:

Rev:

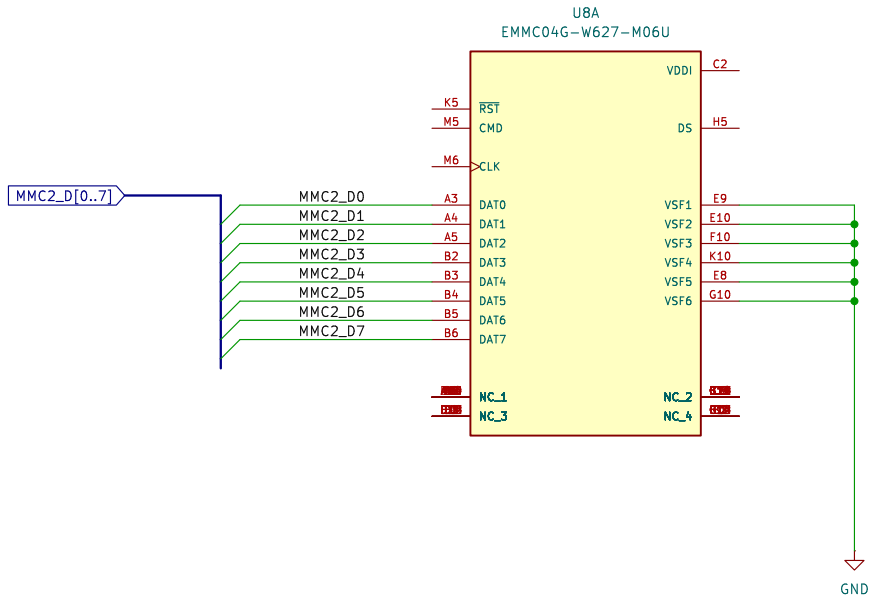
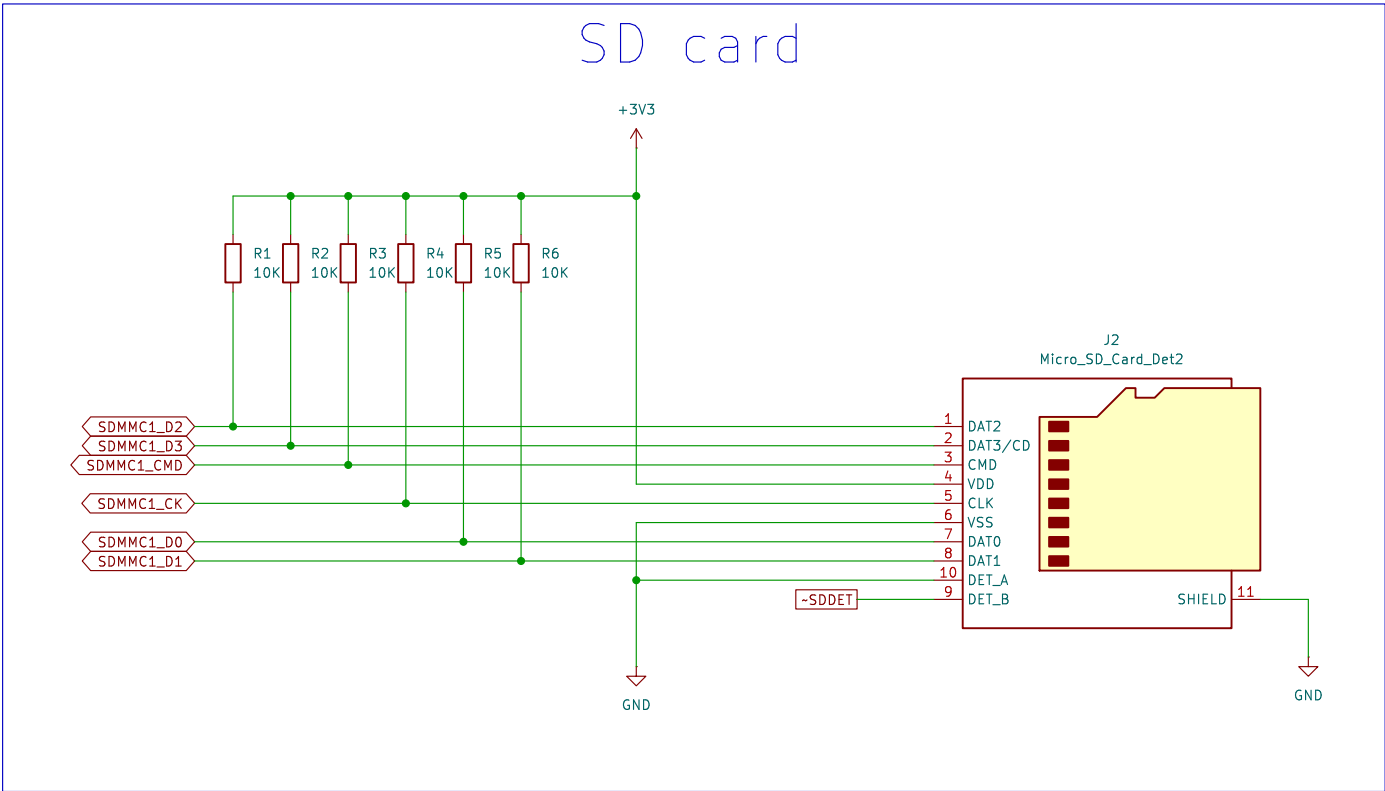
KiCad E.D.A. 8.0.6

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Storage

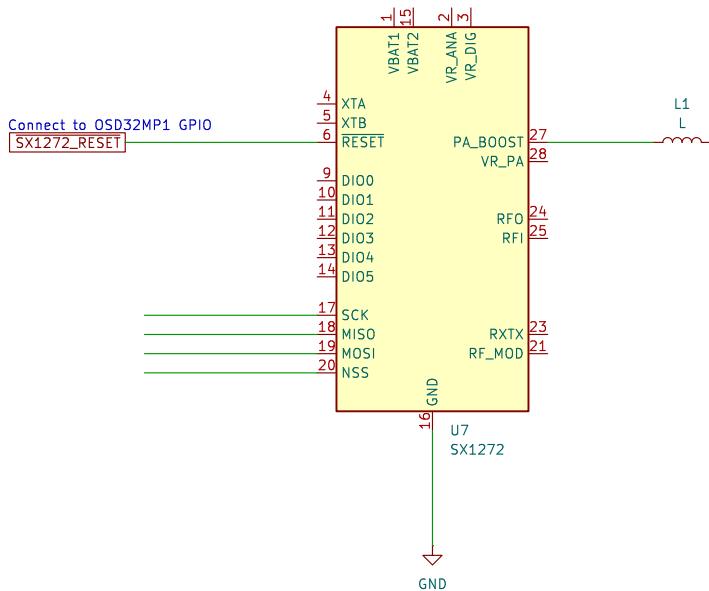
貯蔵

SD card

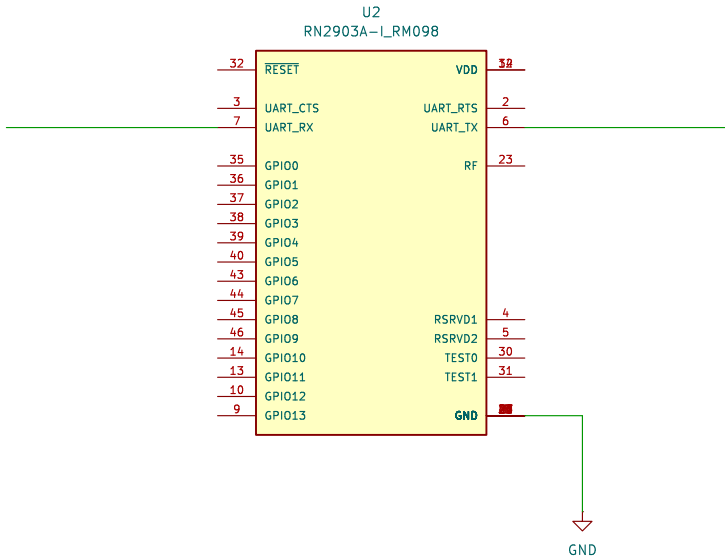


Long range radio

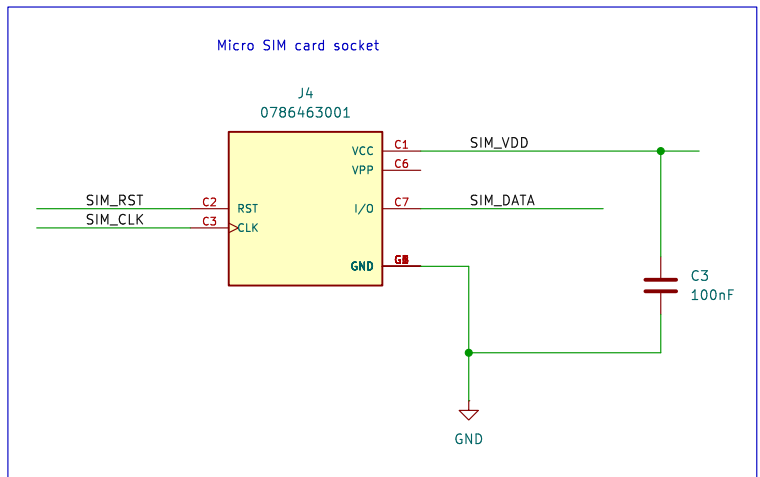
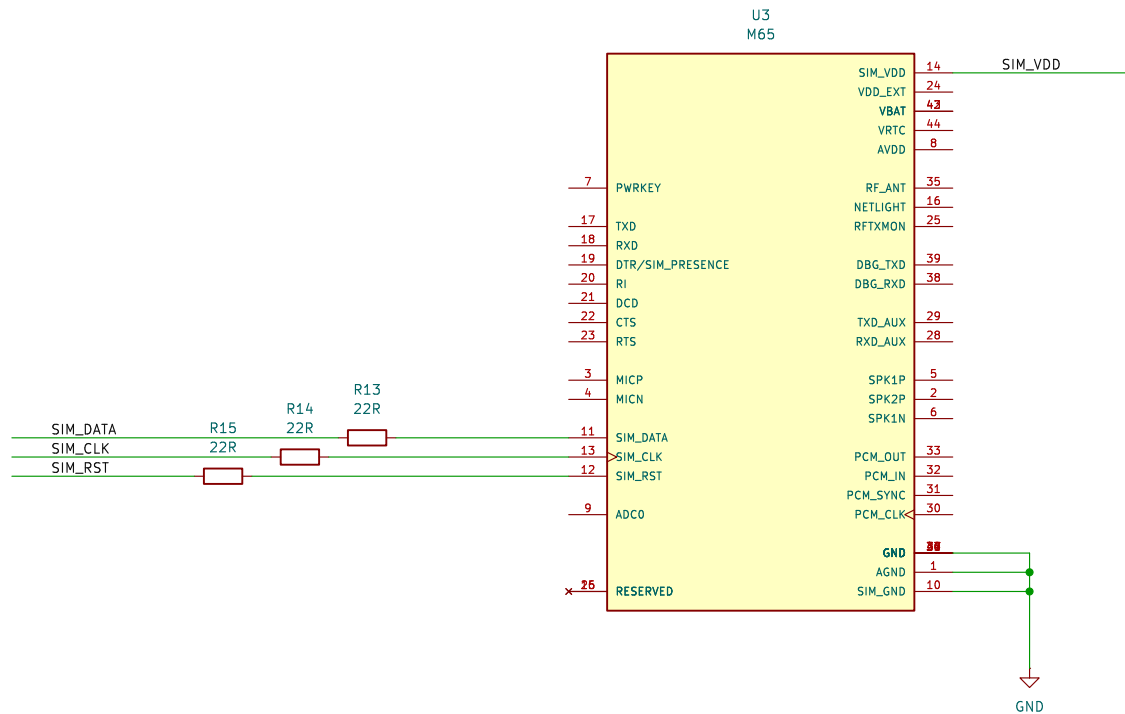
SX1272 LoRaWAN IC option



RN2903 LoRa module option



GSM/GPRS 2G Comms



Sheet: /quectel-m65-1/
File: quectel-m65-1.kicad_sch

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Size: A3

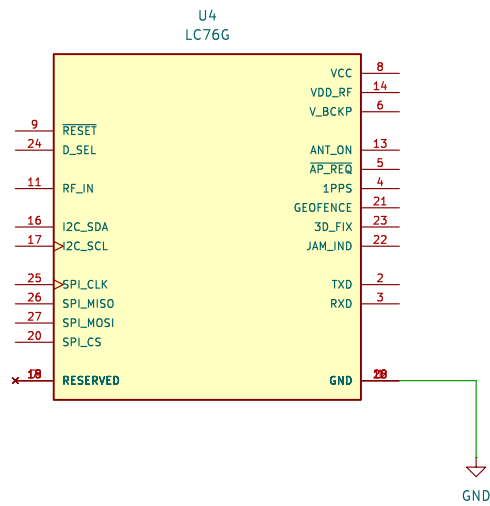
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Id: 9/11

GNSS

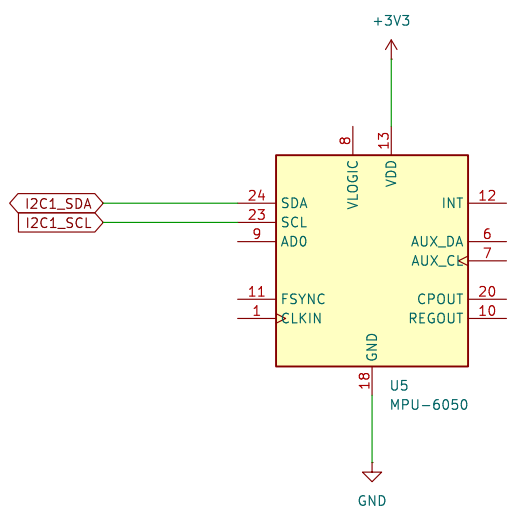


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KiCad E.D.A. 8.0.6	Id: 10/11	

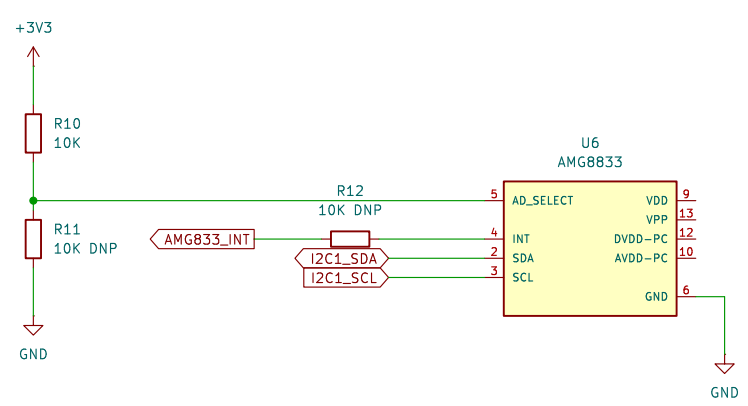
Sensors

センサー

MPU-6050



AMG8833



I2C1 Pull-up resistor

