

12345678

A

Linux based scout UAV  
LinuxベースのスカウトUAV

B

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12345678

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

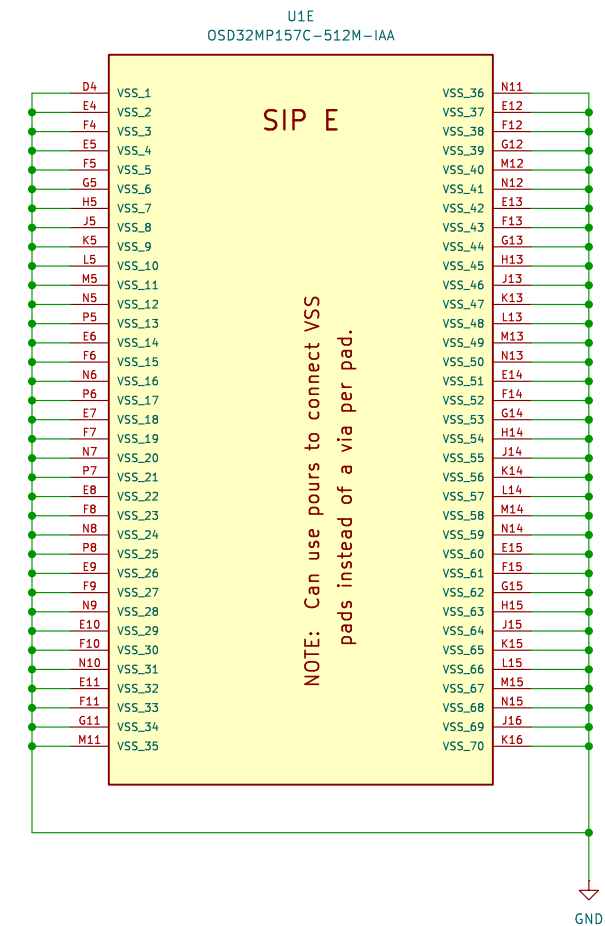
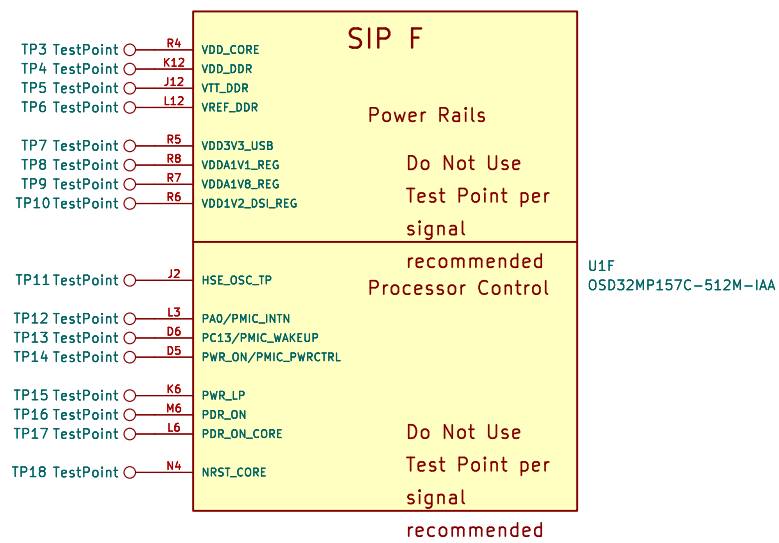
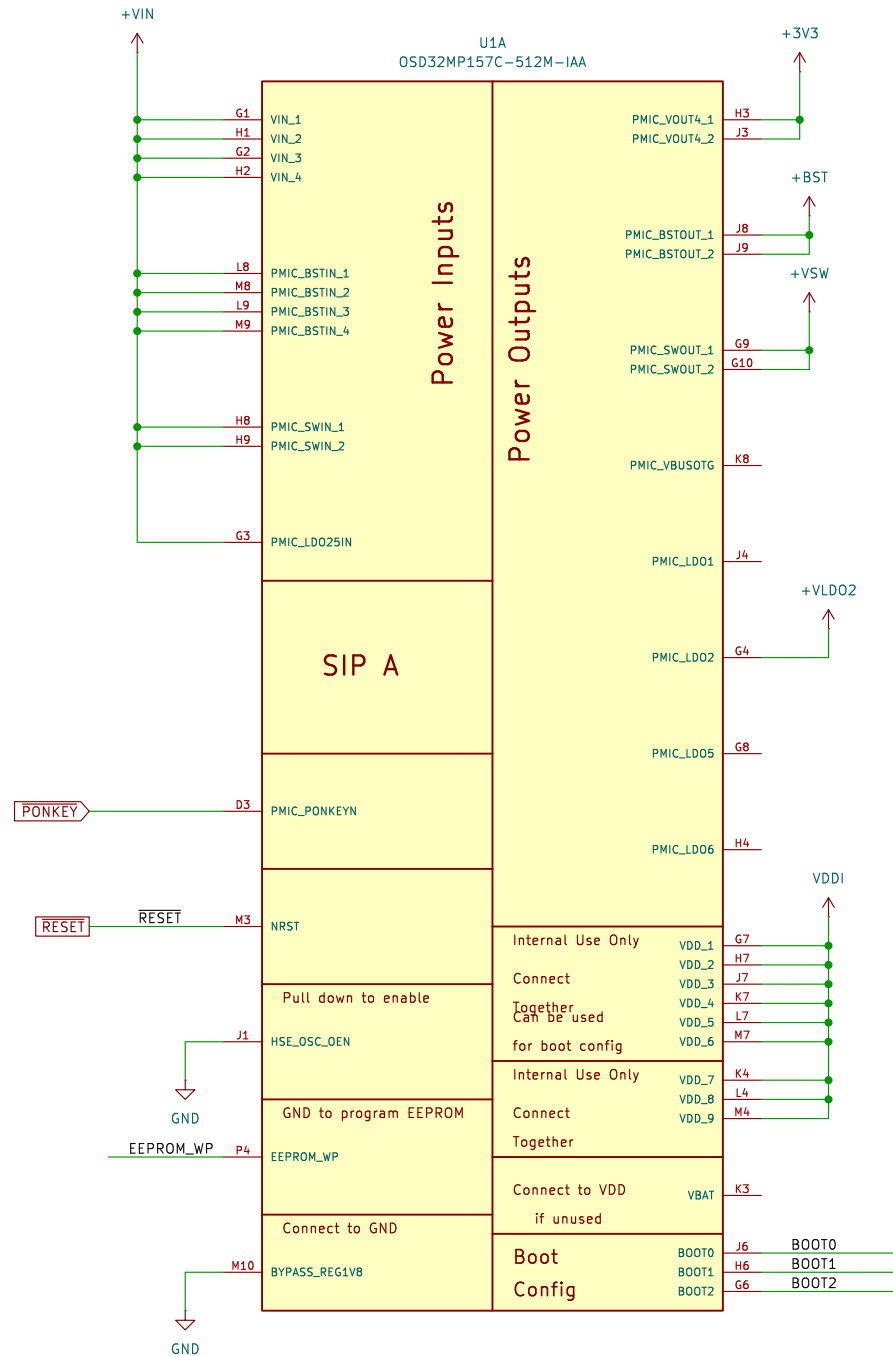
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sensors-1

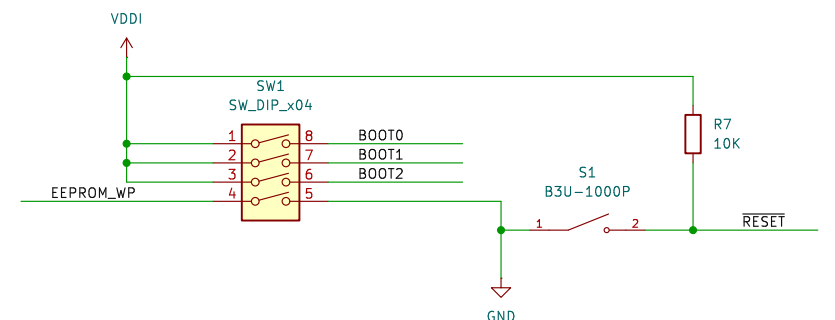
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Size: A3	Date:	Rev:
KiCad E.D.A. 8.0.7	Id: 1/11	

# OSD32MP1 power



## User config and reset control



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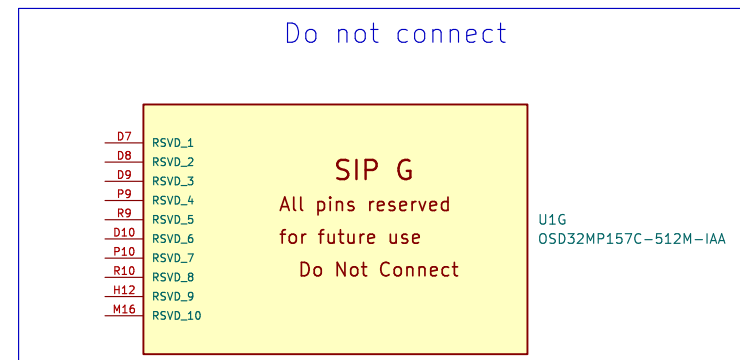
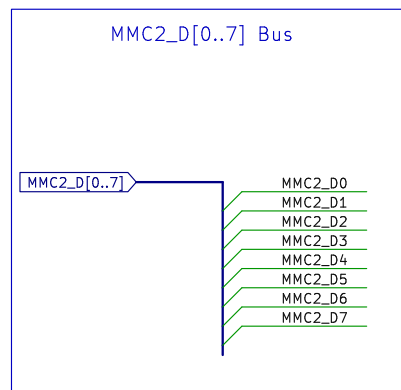
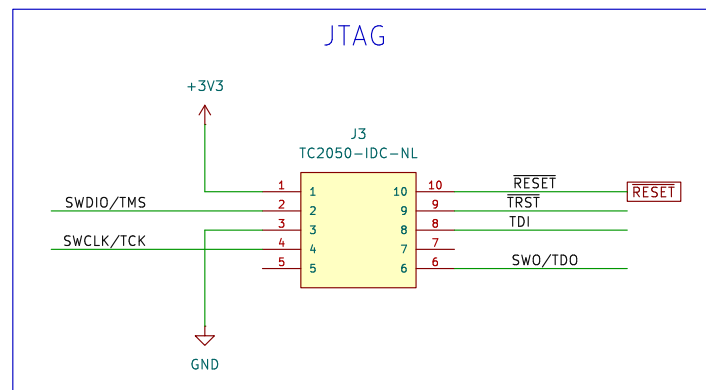
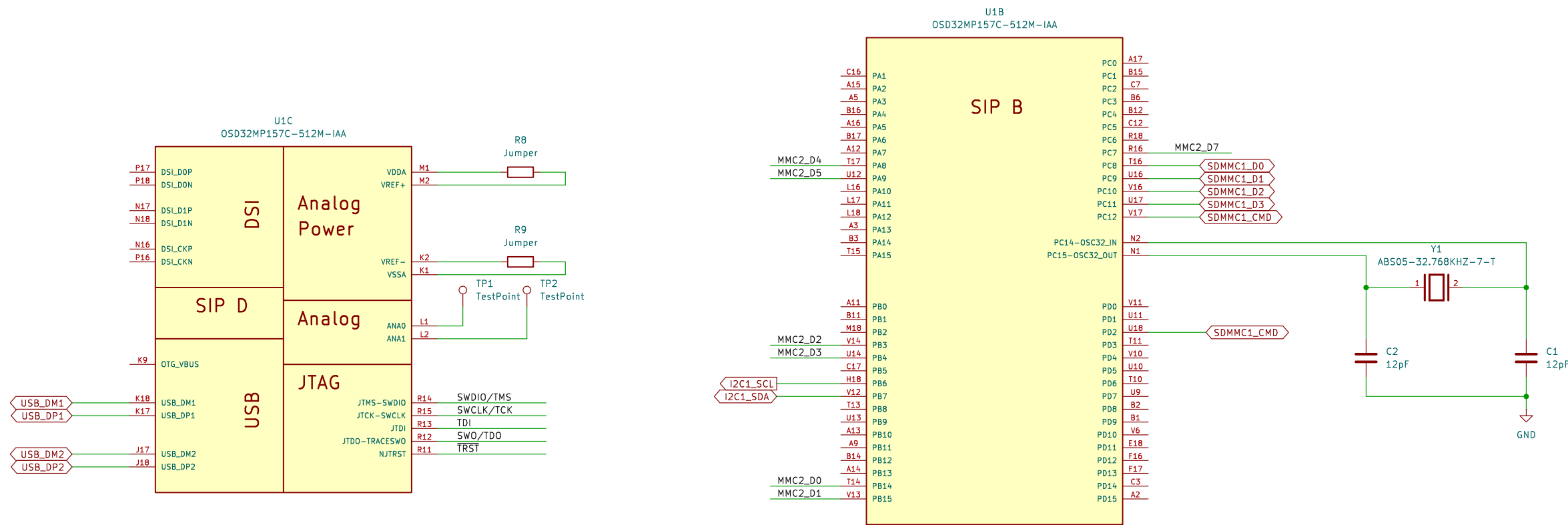
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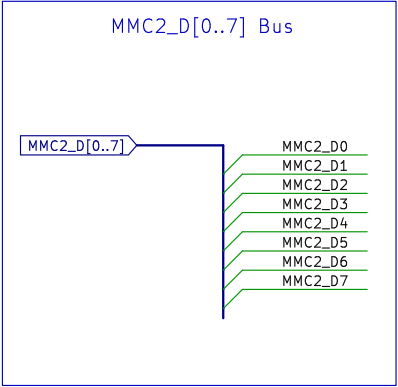
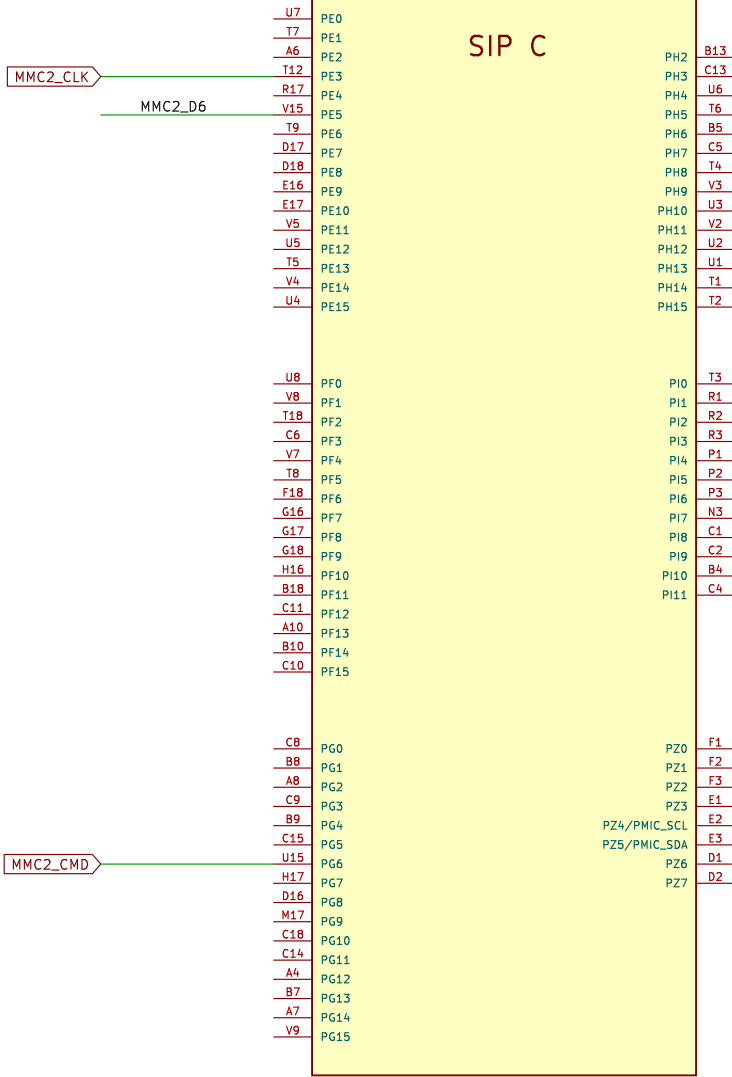
# OSD32MP1



# OSD32MP1

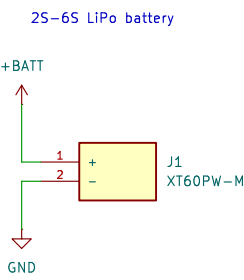
U1D  
OSD32MP157C-512M-IAA

SIP C



# Battery Power

## バッテリー電源



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Date:

**Rev:**

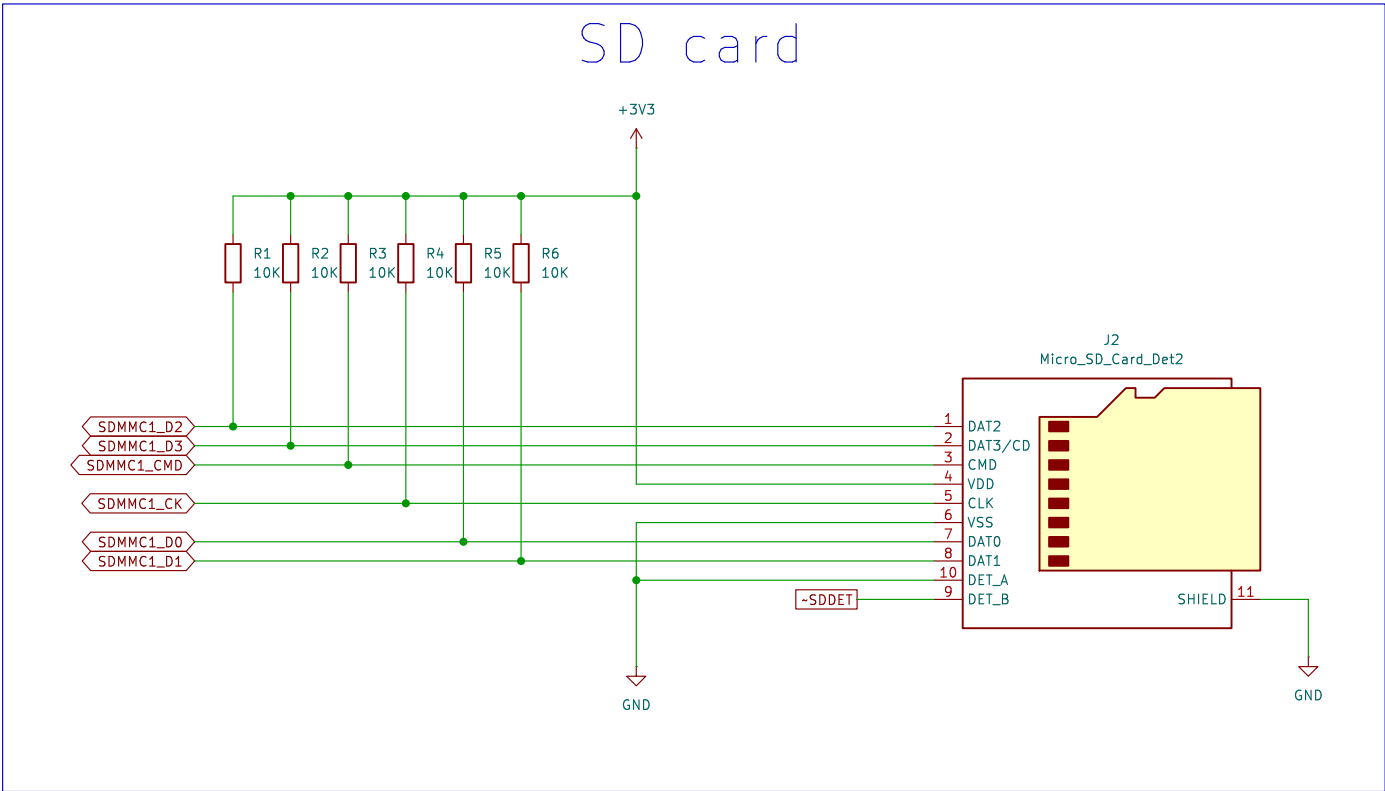
KiCad E.D.A. 8.0.7

Id: 5/11

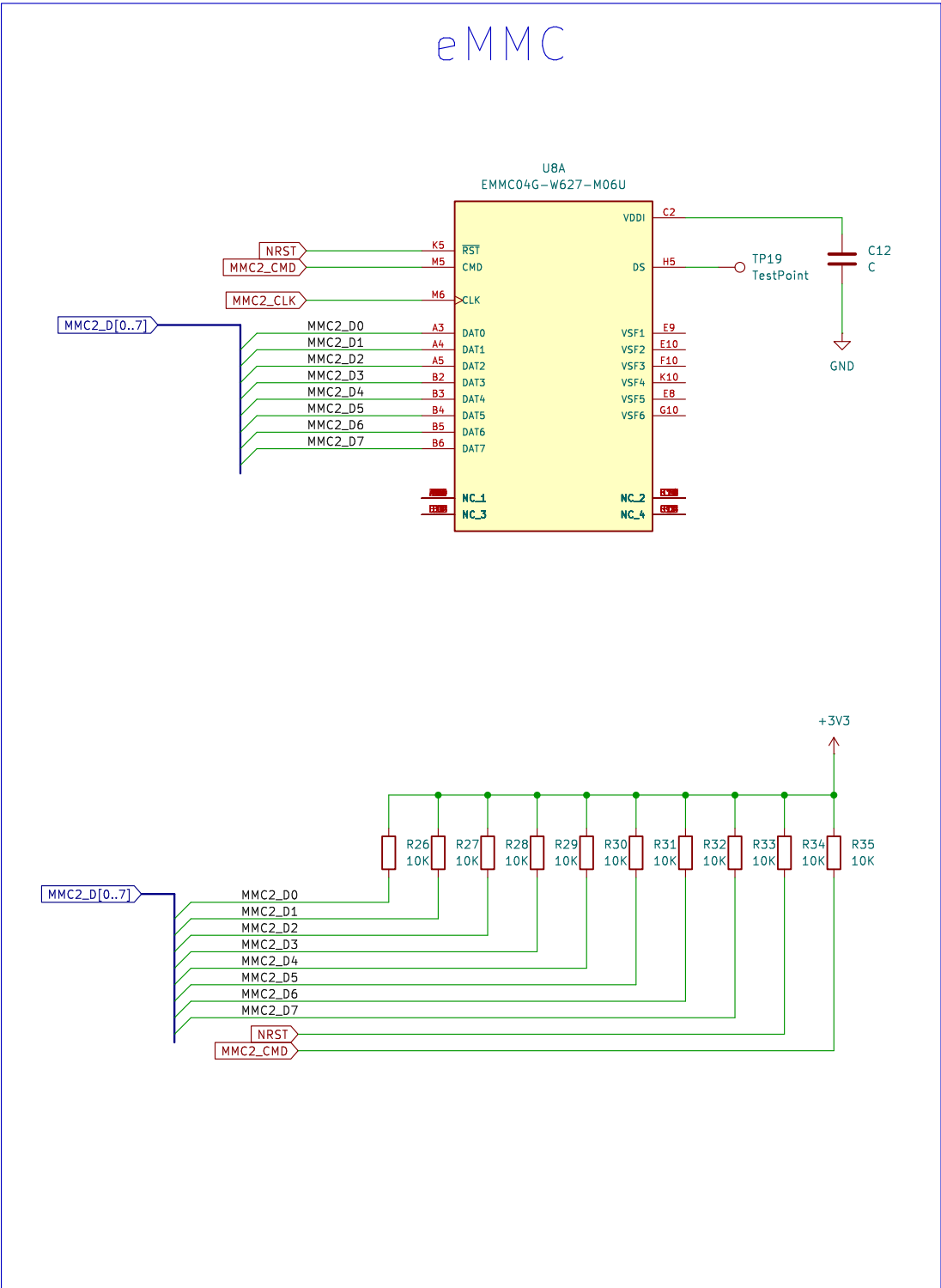


# Storage 貯蔵

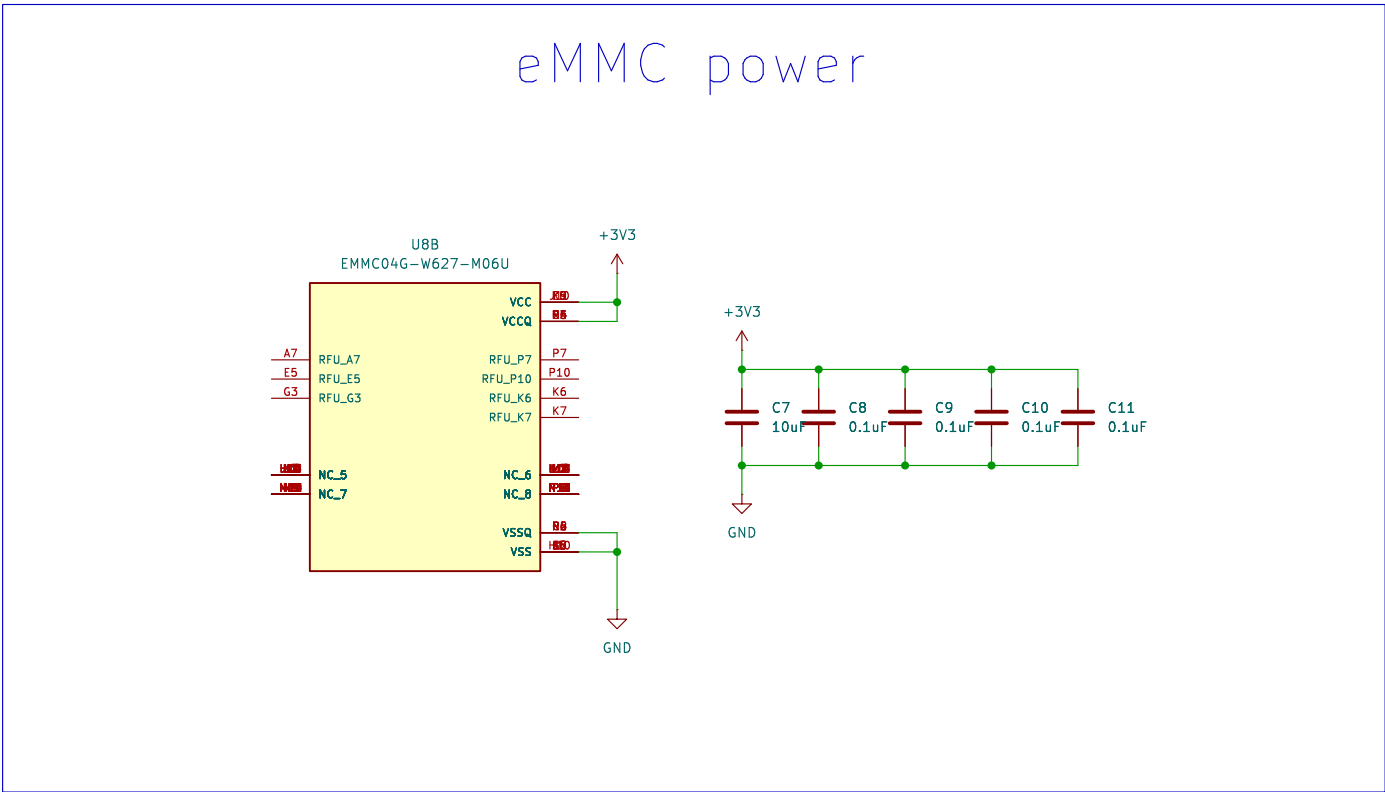
## SD card



## eMMC

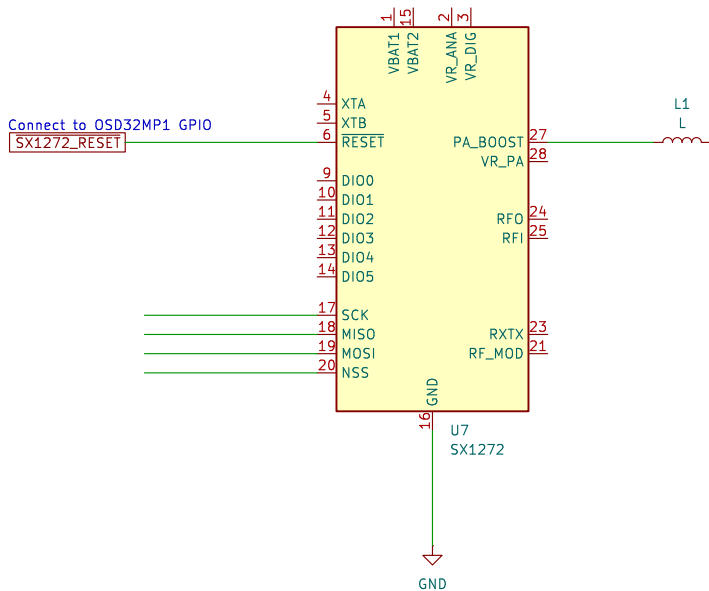


## eMMC power

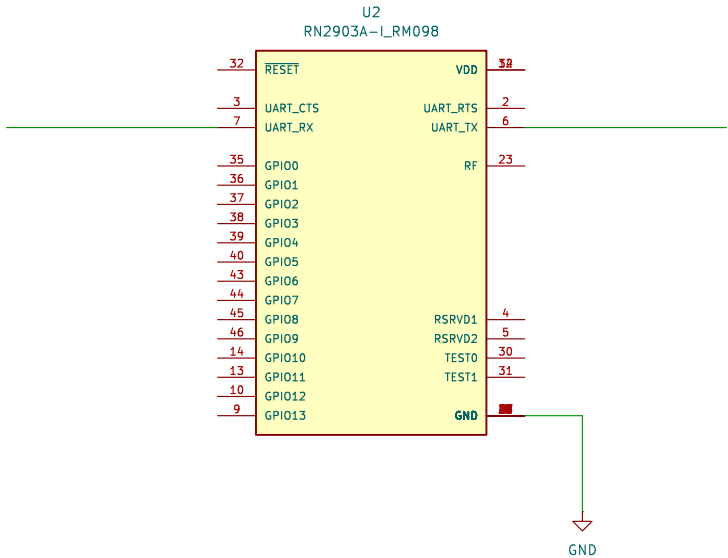


# Long range radio

SX1272 LoRaWAN IC option

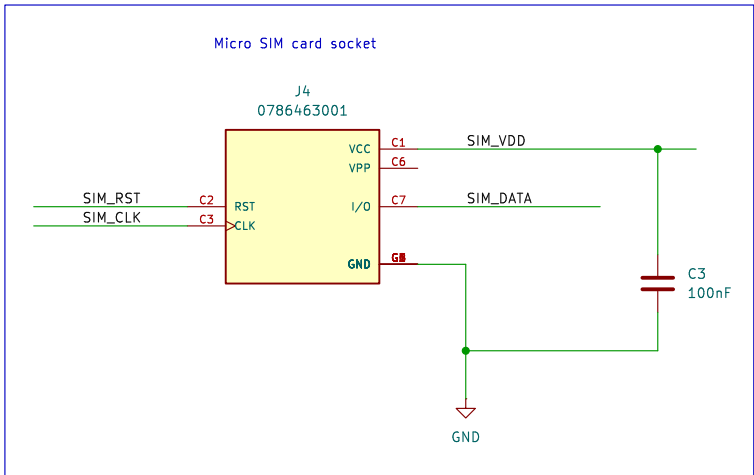
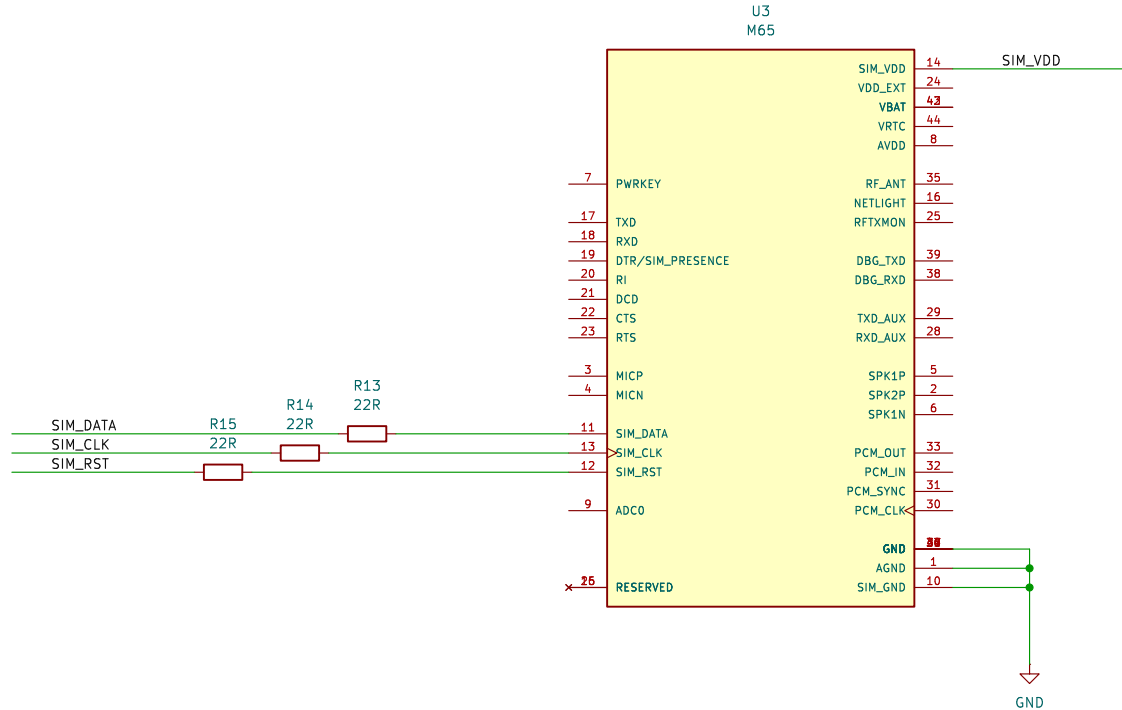


RN2903 LoRa module option





# GSM/GPRS 2G Comms



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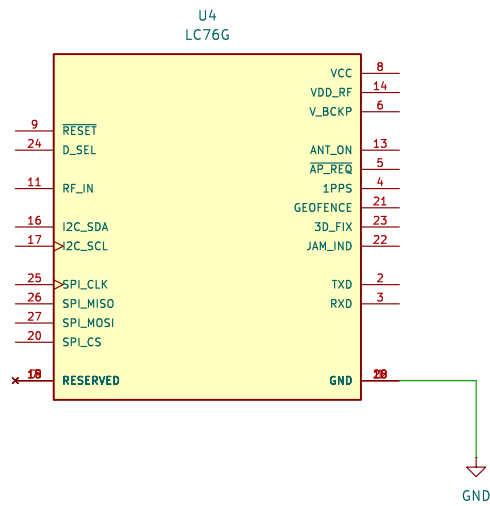
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KiCad E.D.A. 8.0.7

Id: 9/11

# GNSS



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Date:

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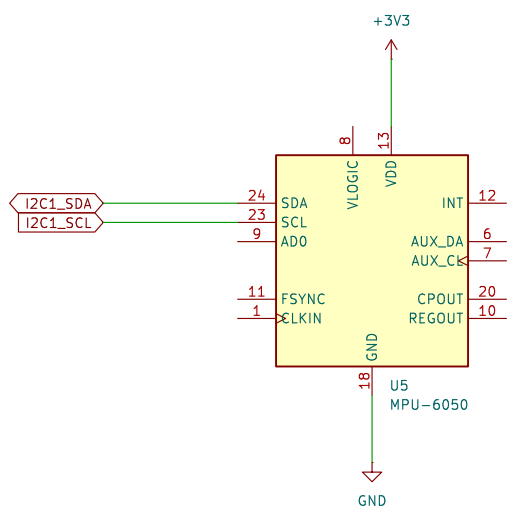
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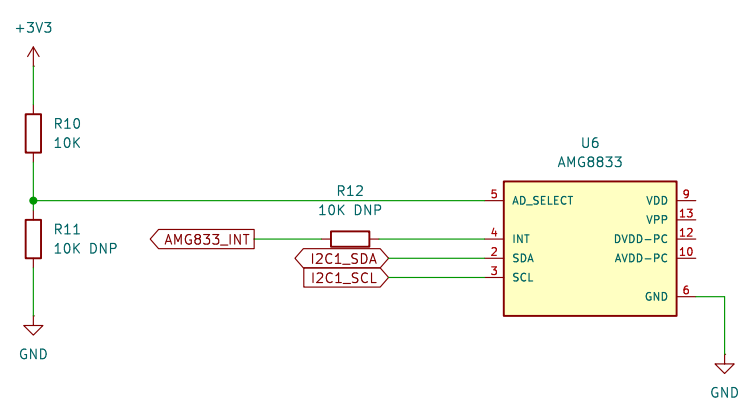
# Sensors

## センサー

MPU-6050



AMG8833



I2C1 Pull-up resistor

