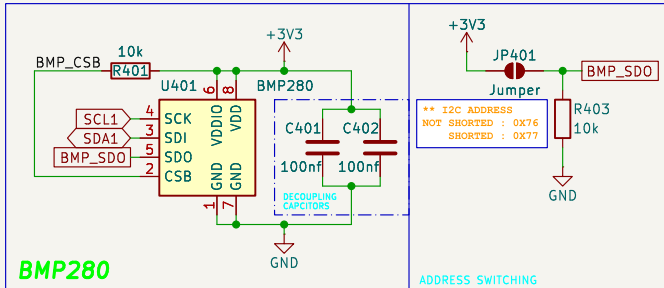


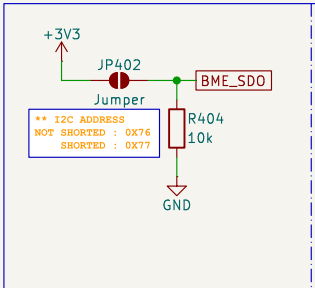
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File: power.kicad_sch	
Title: VECTRON	
Size: A4	Date: 2025-06-10
KiCad E.D.A. 9.0.2	Rev: 1.0.0
	Id: 2/6



BMP280

The BMP80 or BME280 have same I2C address and address changing criteria
 111011X - 7bit address where X is 0 when SDO is connected to GND (1110110 - 0x76)
 1 when SDO is connected to 3V3 (1110111 - 0x77)

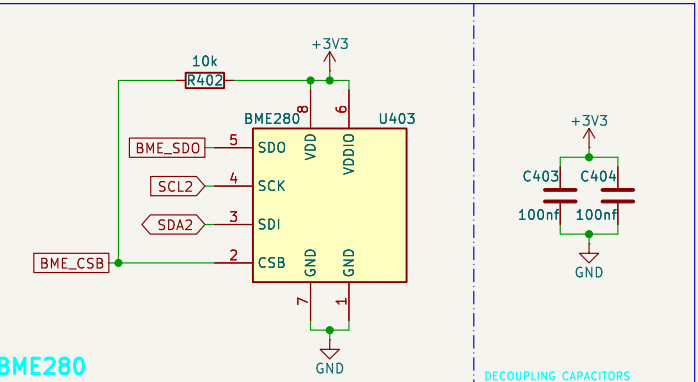
ADDRESS SWITCHING



BMP280

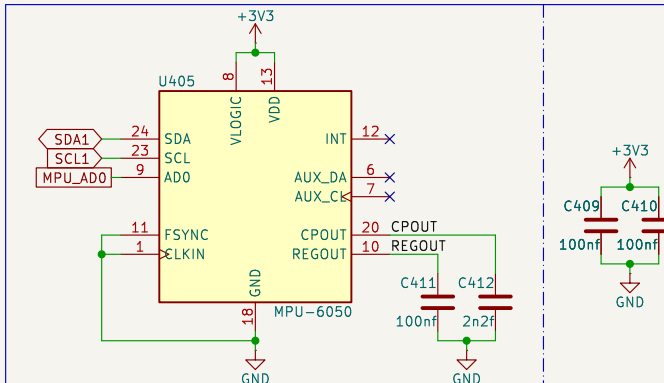
ADDRESS SWITCHING

BMP280/BME280 (REDUNDANT)



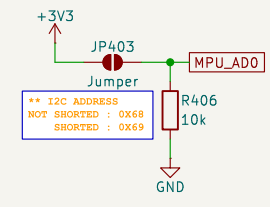
BME280

DECOUPLING CAPACITORS

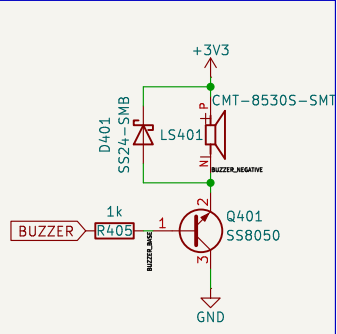


MPU6050

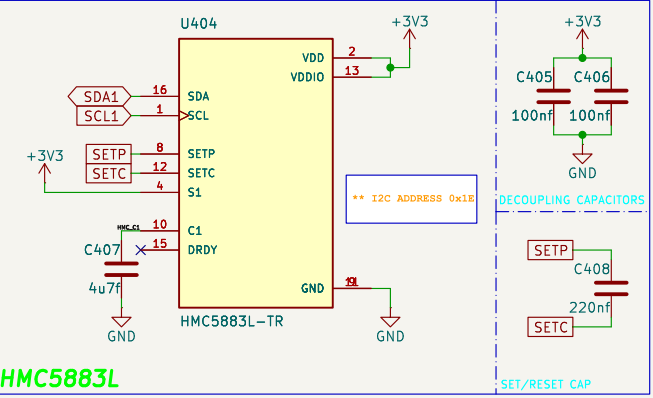
DECOUPLING CAPACITORS



ADDRESS SWITCHING



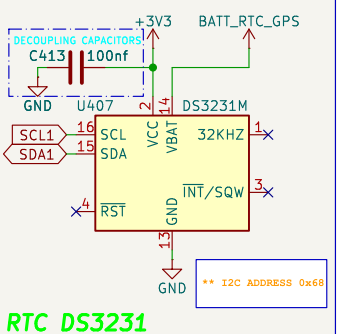
PASSIVE BUZZER



HMC5883L

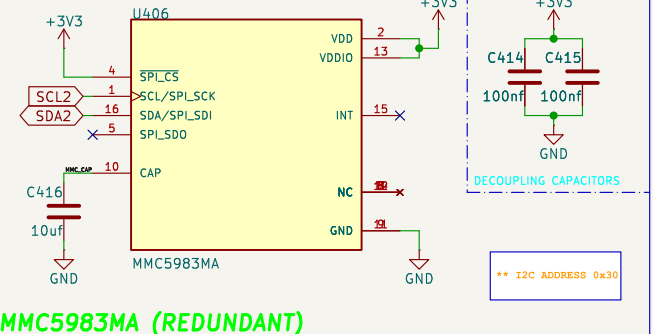
DECOUPLING CAPACITORS

SET/RESET CAP



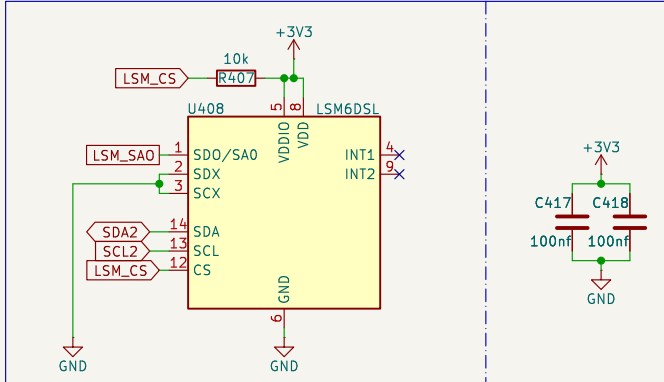
RTC DS3231

** I2C ADDRESS 0x68



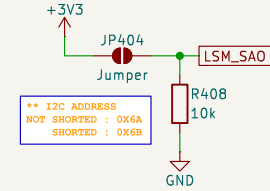
MMC5983MA (REDUNDANT)

** I2C ADDRESS 0x30

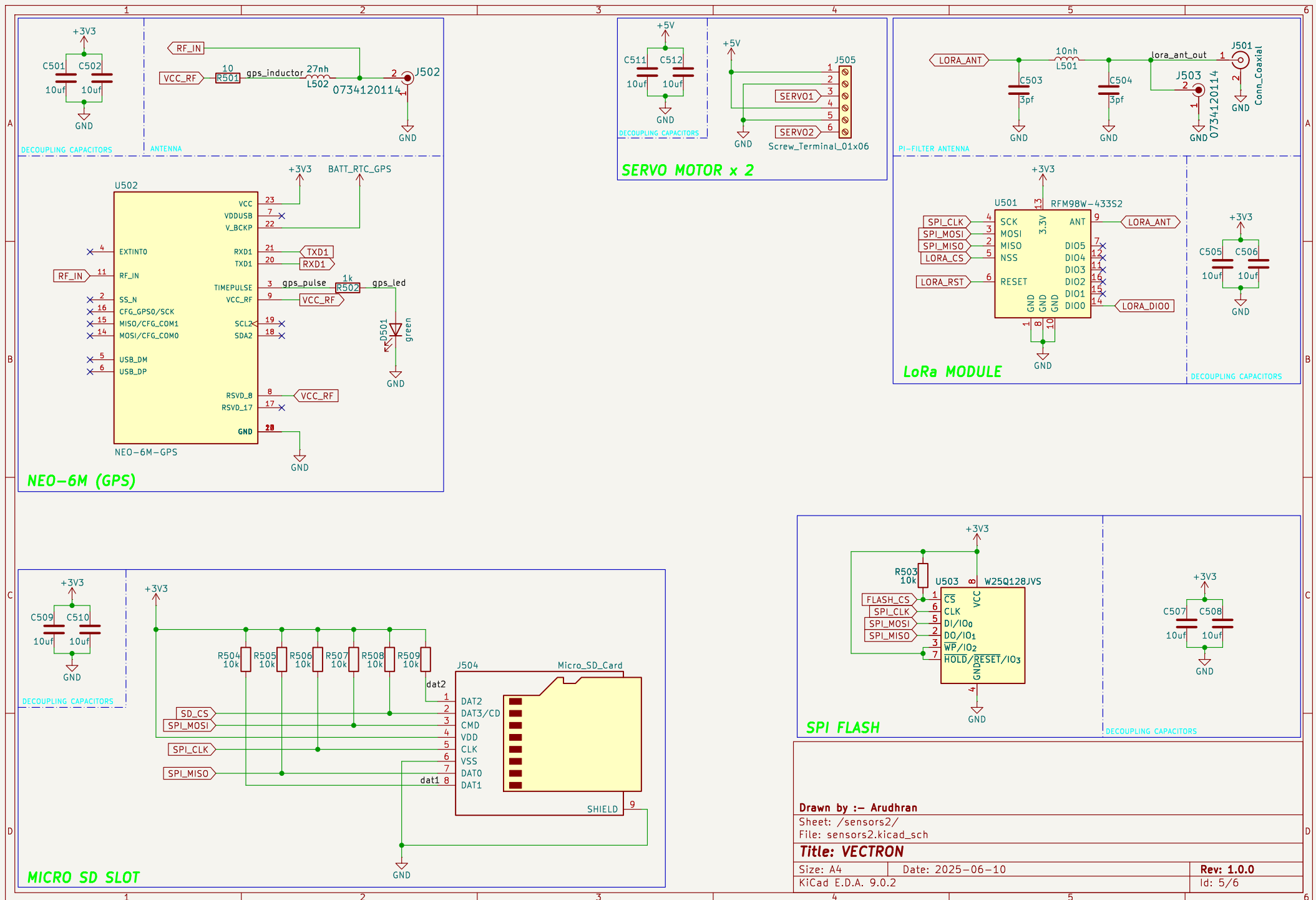


LSM6DSL (REDUNDANT)

DECOUPLING CAPACITORS



ADDRESS SWITCHING



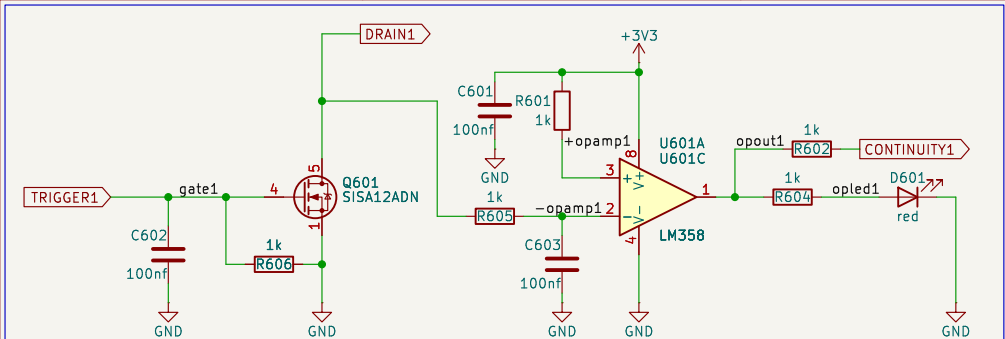
Drawn by :- Arudhran

Sheet: /sensors2/
File: sensors2.kicad_sch

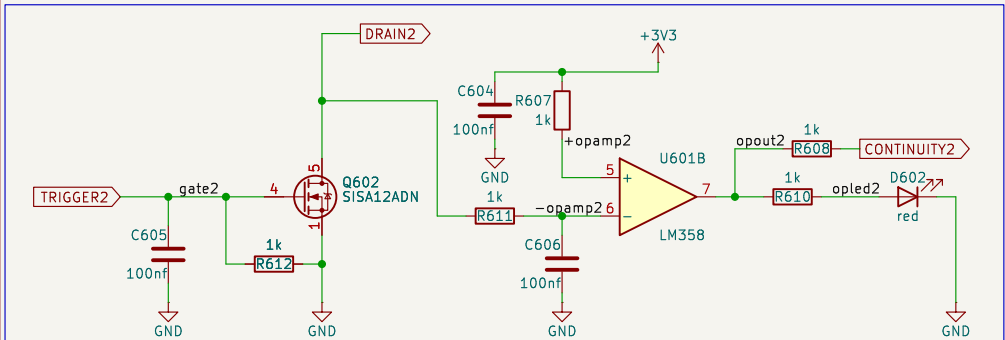
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Size: A4 Date: 2025-06-10
KiCad E.D.A. 9.0.2

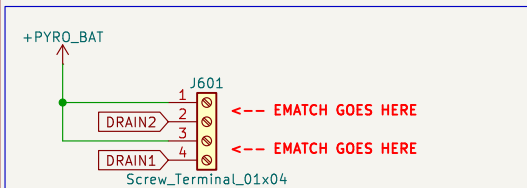
Rev: 1.0.0
Id: 5/6



PYRO-1



PYRO-2



E-MATCH SCREW TERMINALS

Drawn by :- Arudhran

Sheet: /pyro/
File: pyro.kicad_sch

Title: VECTRON

Size: A4 Date: 2025-06-10
KiCad E.D.A. 9.0.2

Rev: 1.0.0
Id: 6/6