

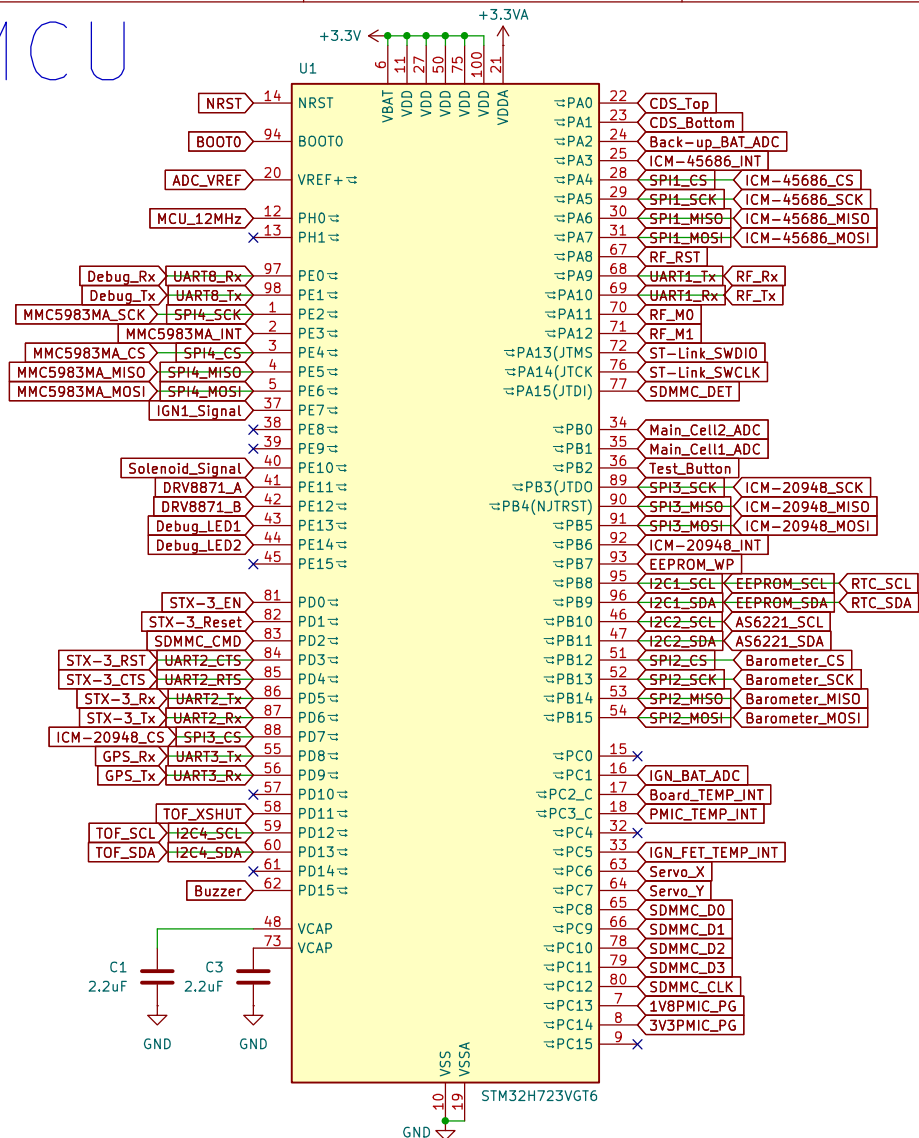
Robotics

Sheet: /
File: Hyperion FC.kicad_sch

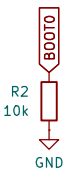
Title: Hyperion Flight-Computer

Size: A5	Date: 2025-07-01~2025-07-07	Rev: 1.0
KiCad E.D.A. 9.0.4		Id: 1/6

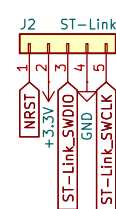
MCU



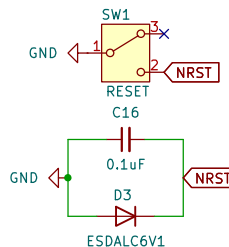
Boot Mode



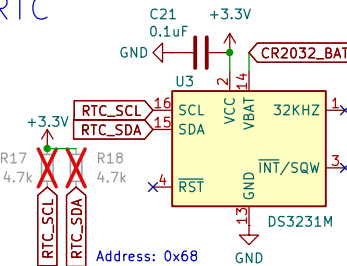
ST-Link



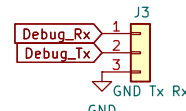
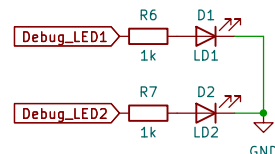
Reset



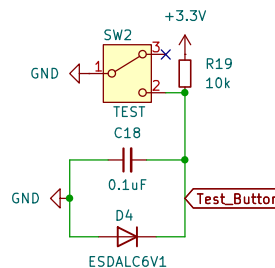
RTC



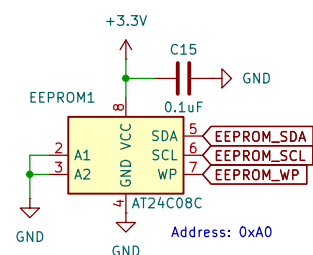
Debug



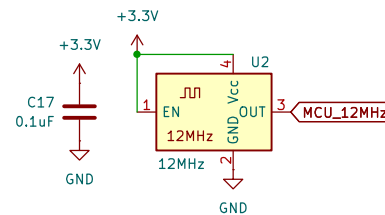
Button



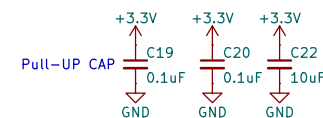
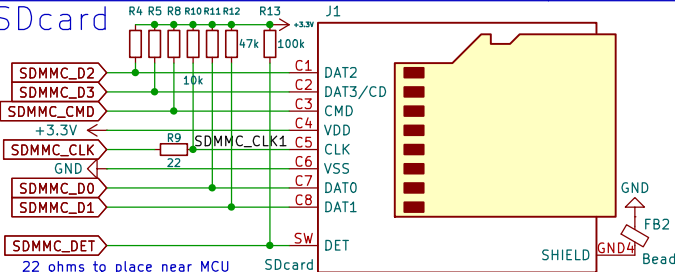
EEPROM



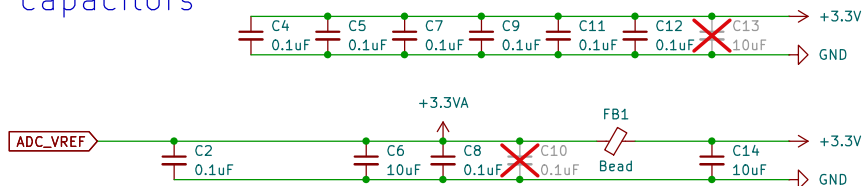
TCXO



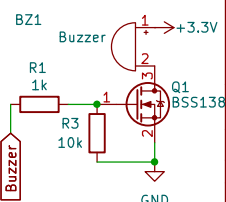
SDcard



Bypass capacitors



Buzzer



Robotics

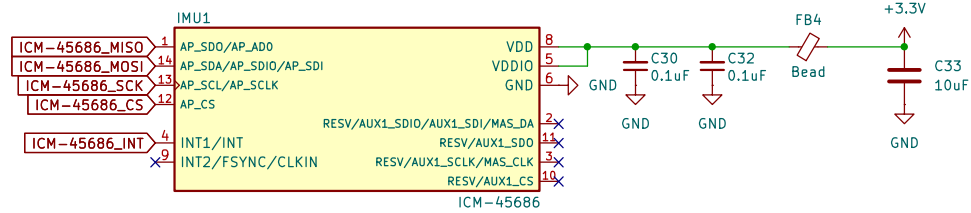
Sheet: /Processor/
File: Processor.kicad_sch

Title: Processor

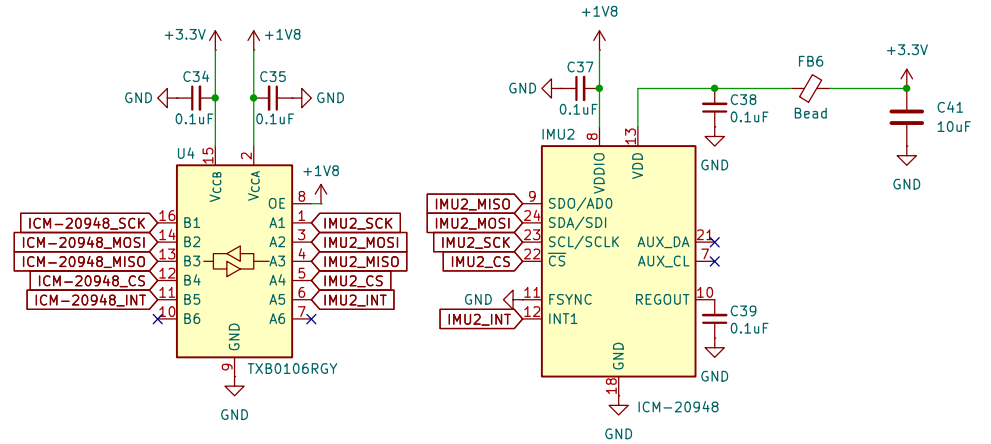
Size: A4 Date: 2025-07-01
KiCad E.D.A. 9.0.4

Rev: 1.0
Id: 2/6

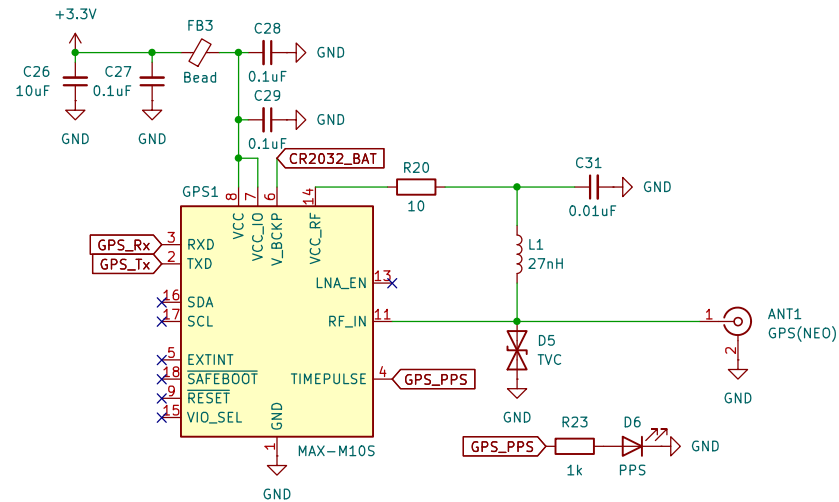
IMU 1(ICM-45686)



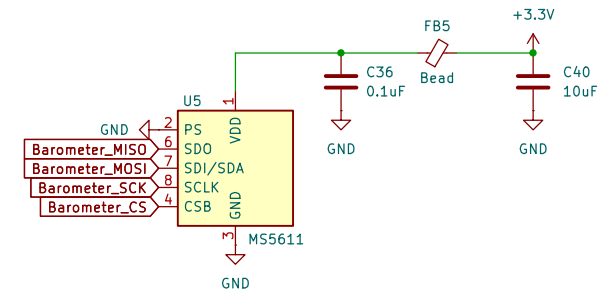
IMU 2(ICM-20948)



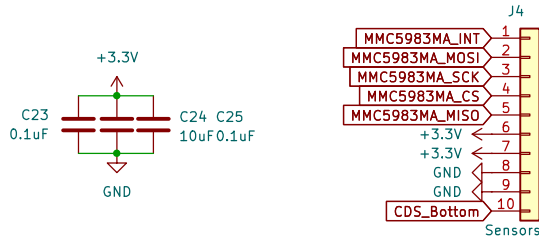
GPS



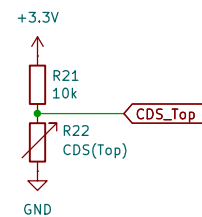
Barometric pressure sensor



Magnetic Sensor



CDS Cell



Robotics

Sheet: /Flight Sensors/
File: Flight_Sensos.kicad_sch

Title: Flight Sensors

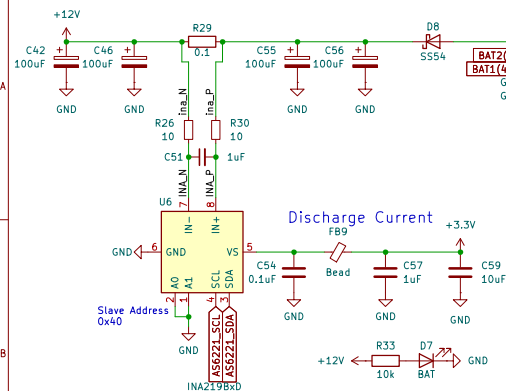
Size: A4 Date: 2025-07-01

KiCad E.D.A. 9.0.4

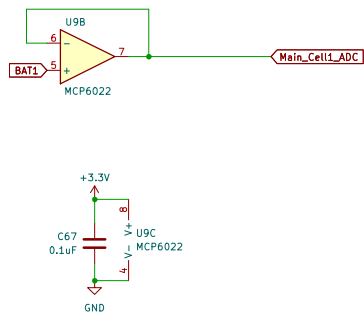
Rev: 1.0

Id: 3/6

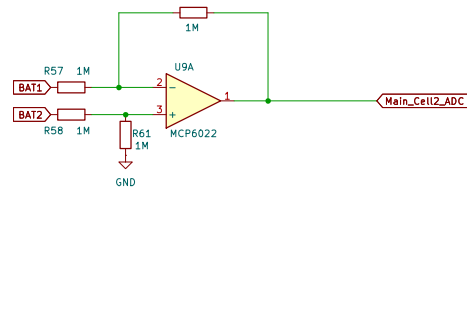
Main Power IN



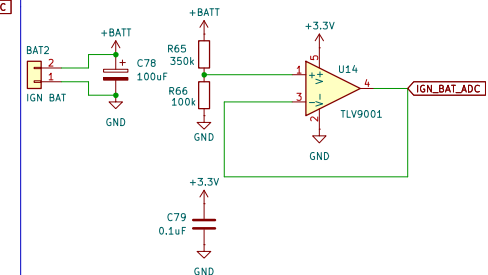
Main Cell 1 Voltage Buffer



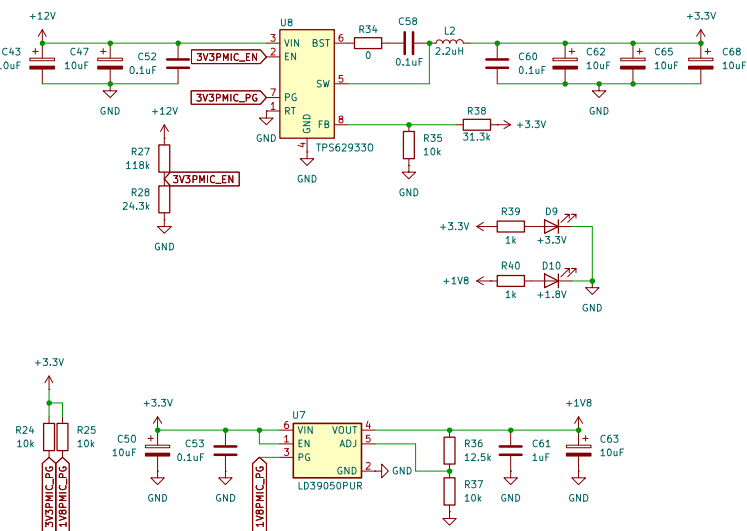
Main Cell 2 Voltage Buffer



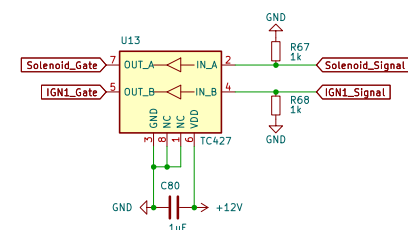
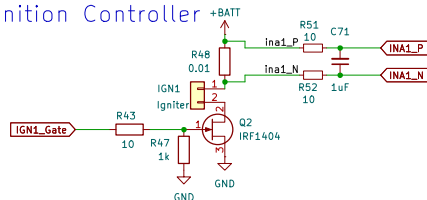
IGN Power IN



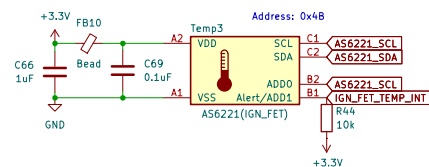
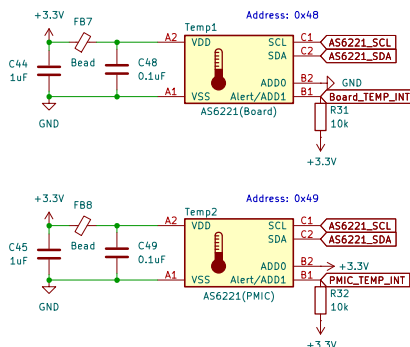
Switching Regulators



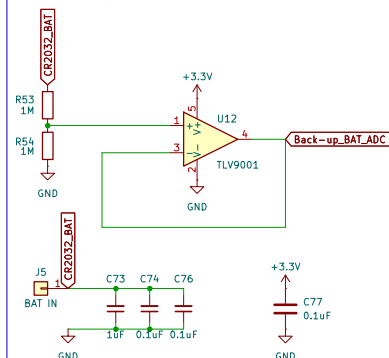
Ignition Controller



TEMP Sensors



Back-up BAT



Robotics

Sheet: /PMIC/
File: PMIC.kicad_sch

Title: PMIC

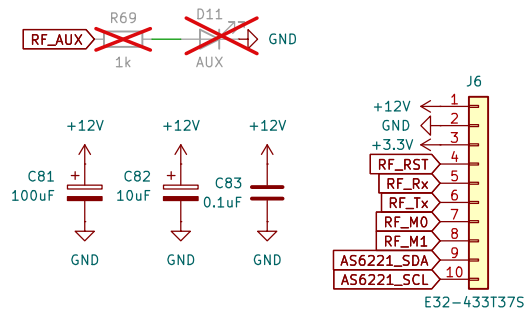
Size: A3 Date: 2025-07-02

KiCad E.D.A. 9.0.4

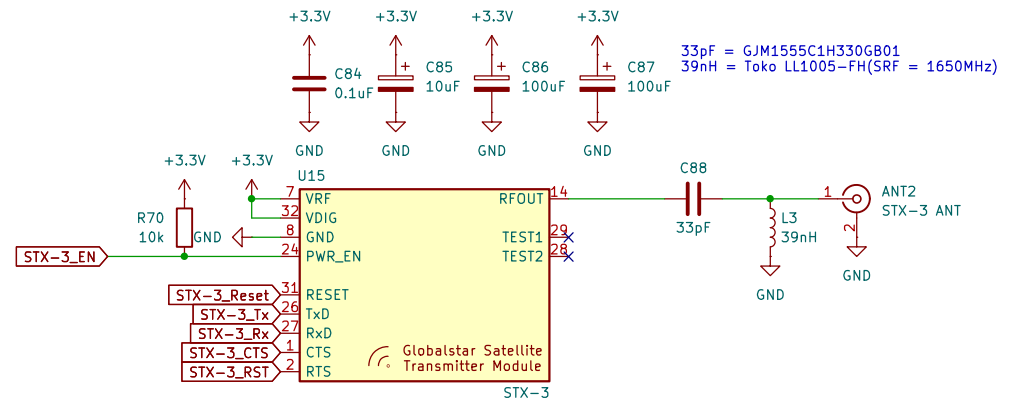
Rev: 1.0

Id: 4/6

LoRa



STX-3



Robotics

Sheet: /Communication/
File: Communication.kicad_sch

Title: Communication

Size: A4 Date: 2025-07-02
KiCad E.D.A. 9.0.4

Rev: 1.0
Id: 5/6

