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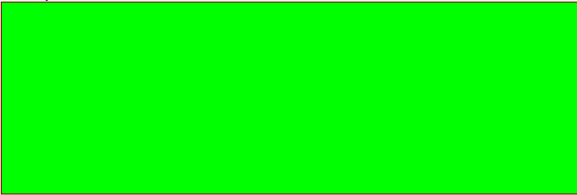
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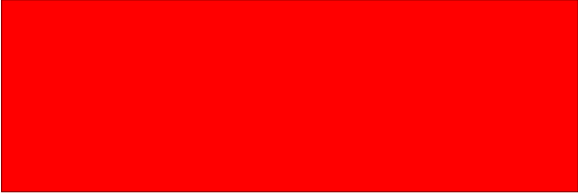
MCU
MCU.SchDoc



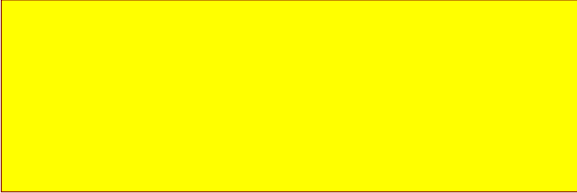
Peripherals
Peripherals.SchDoc



Power
Power.SchDoc



Connectors
Connectors.SchDoc



B

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C

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D

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|--|--------------------------|--------------------|
| Title Main Schematics of edirnekapi Flight Computer | | |
| Size A4 | Number 0 | Revision A |
| Date: | 4.25.2024 | Sheet 1 of 5 |
| File: | C:\Users\...\Main.SchDoc | Drawn By: aeronist |

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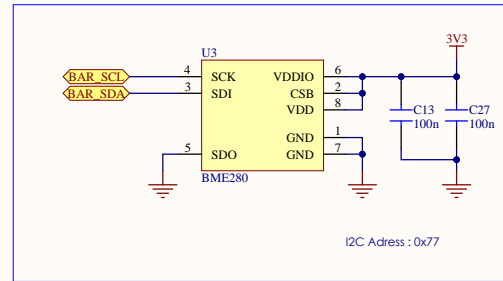
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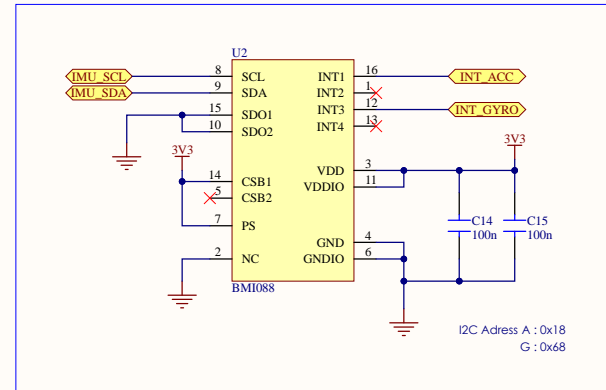
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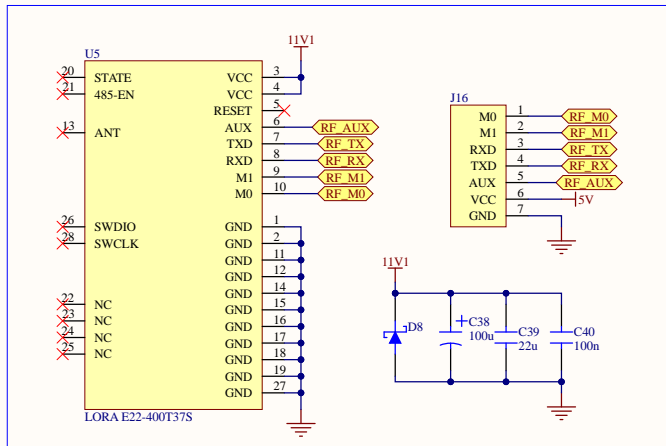
BME280 Pressure Sensor



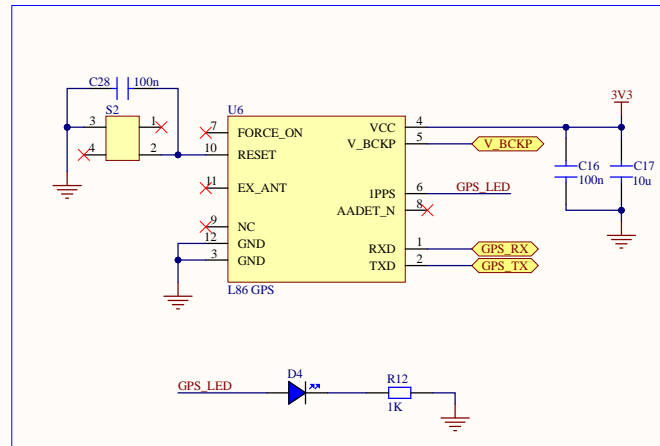
BMI088 Inertial Measurement Unit



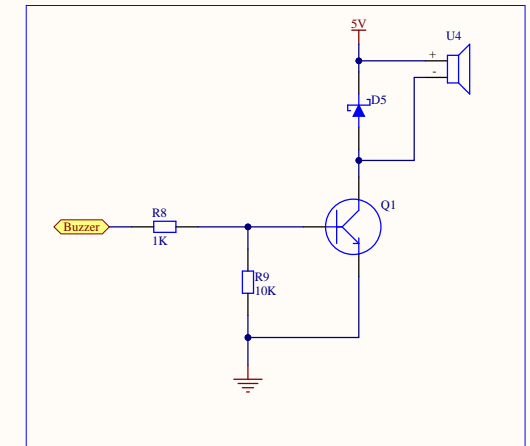
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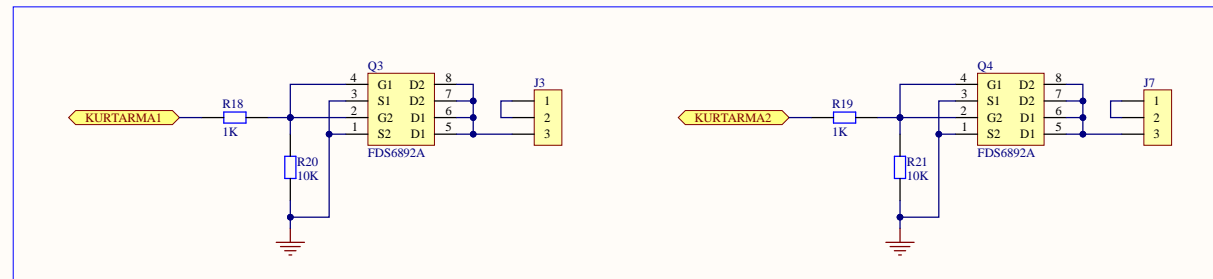
L86 GPS



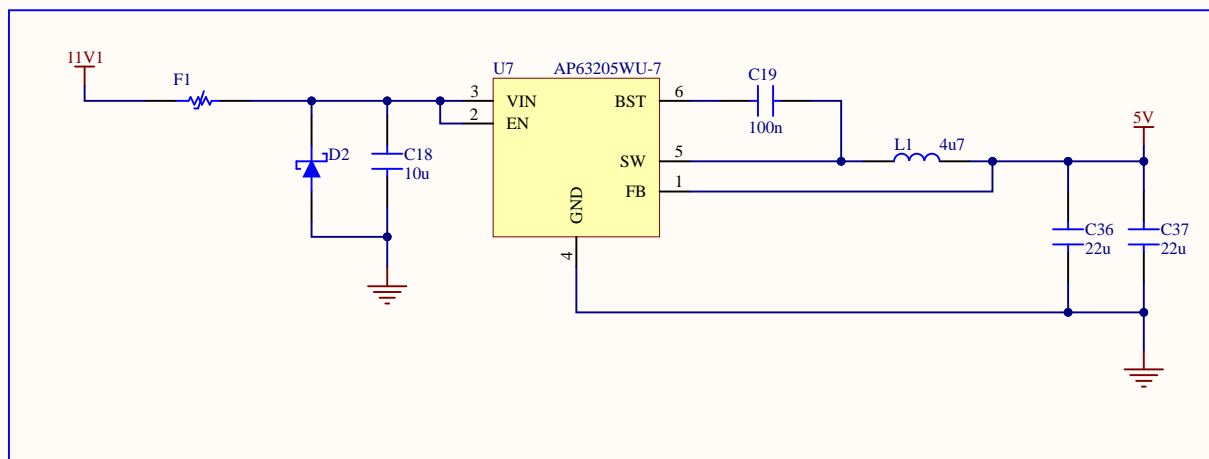
YX-YT9503 BUZZER



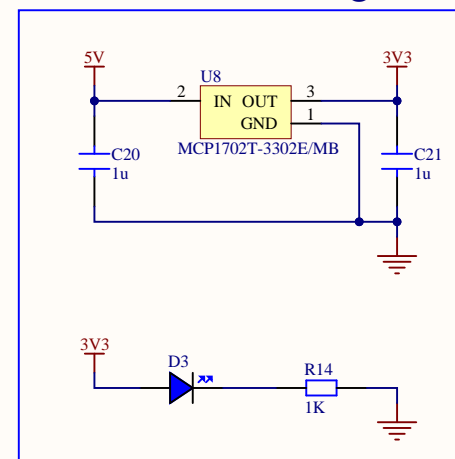
FDS6892A N-CHANNEL MOSFET



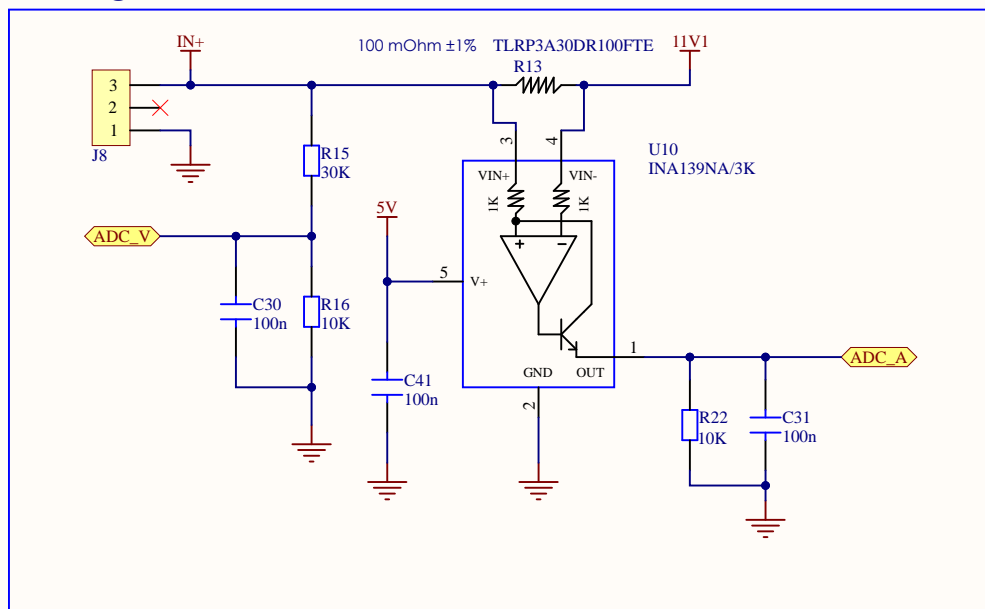
AP63205 Buck Converter



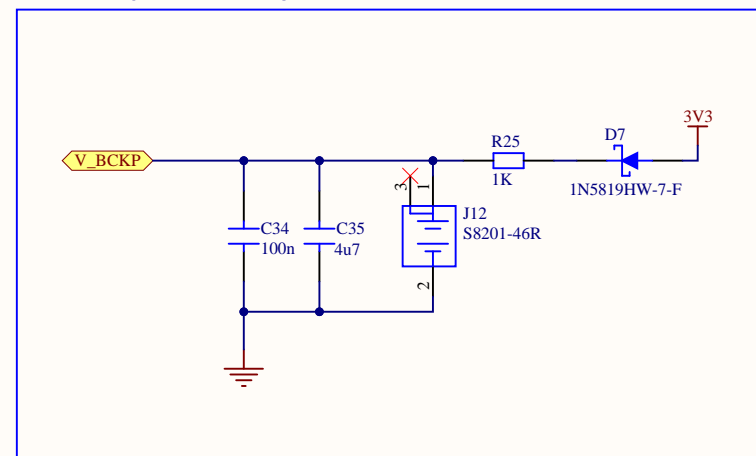
MCP1702T 3V3 Regulator



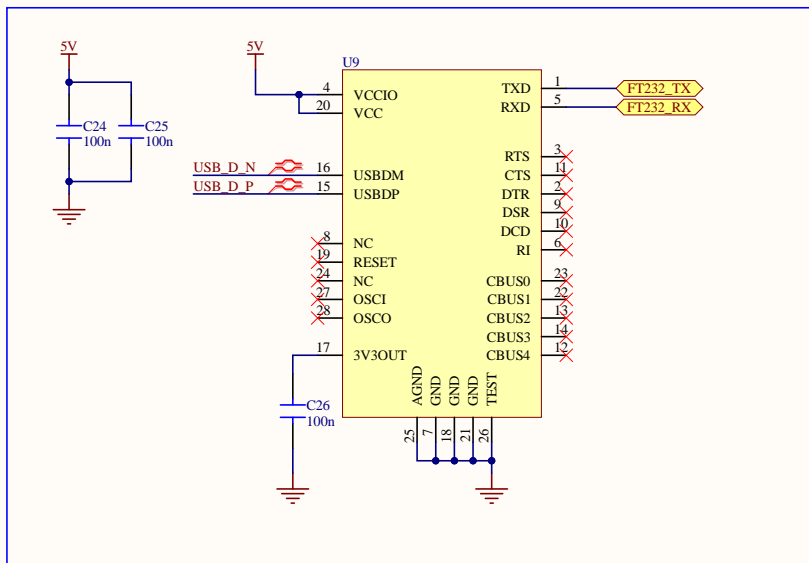
Voltage and Current Sense



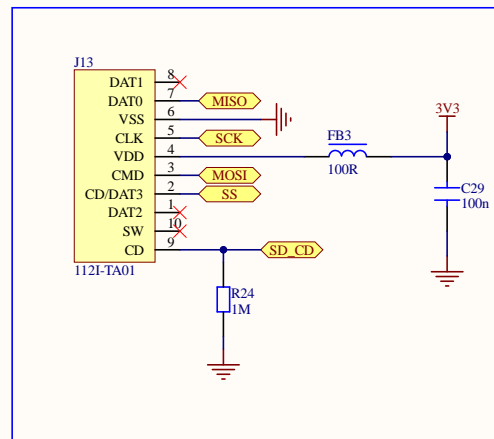
Backup Battery



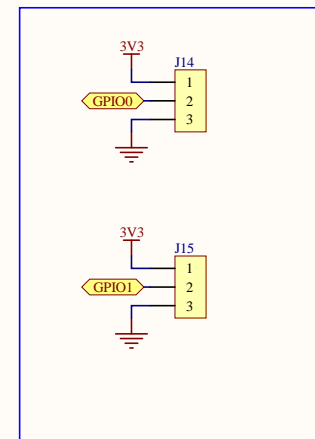
FT232RL USB to Serial Interface



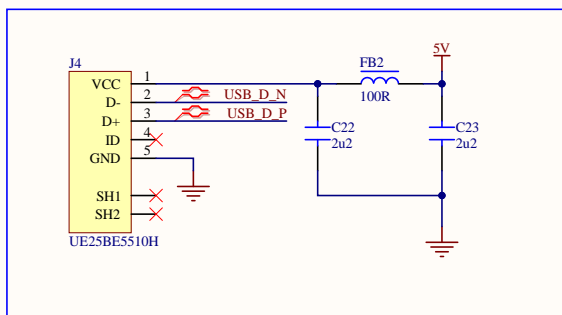
Micro SD Card Connector



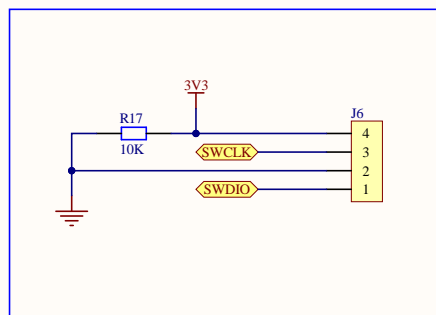
GPIO Connectors



USB MINI - B Connector



ST-LINK V2 Connector



I2C Connectors

