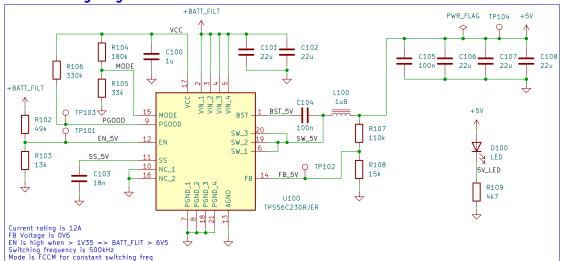
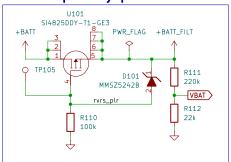


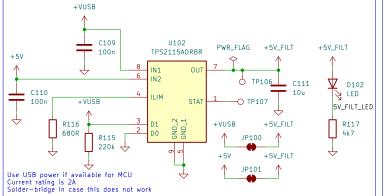
5V Switching Regulator



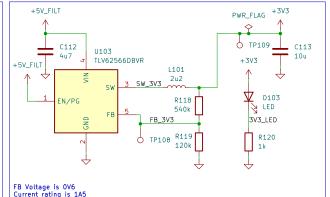
Reverse polarity protection



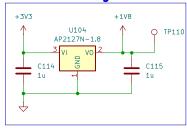
5V Power switching



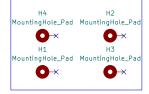
3V3 Switching Regulator



1V8 Linear Regulator



Mounting



Sheet: /100_Power/
File: Power.kicad_sch

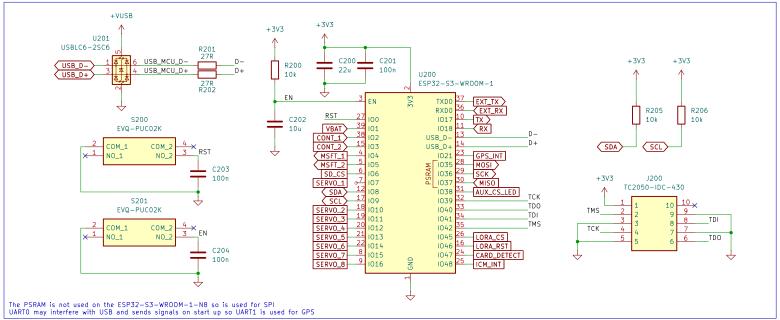
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Size: A4 Date: 07

 Size: A4
 Date: 07-05-2025
 Rev: 0.0.1

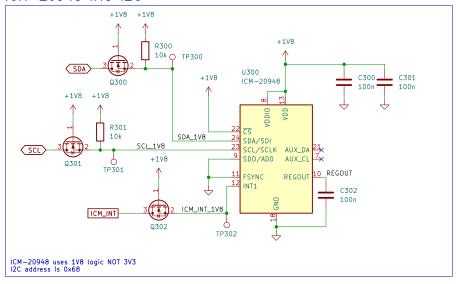
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 Id: 2/6

ESP32-S3

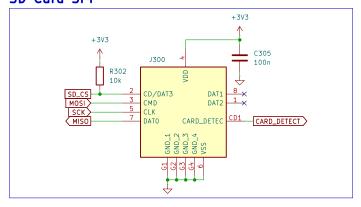


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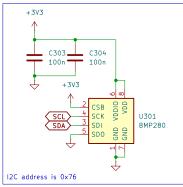
ICM-20948 IMU I2C

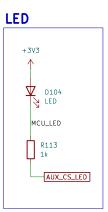


SD Card SPI



BMP280 12C





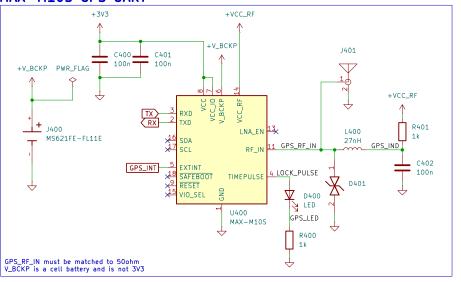
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Title: Digital Peripherals

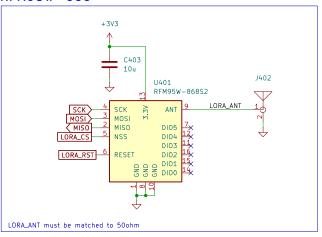
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 KiCad E.D.A. 9.0.1
 Id: 4/6

MAX-M10S GPS UART



RFM95W-868



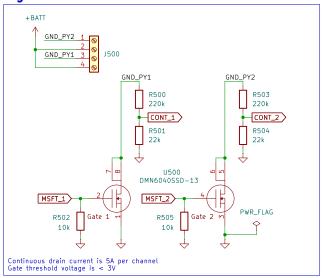
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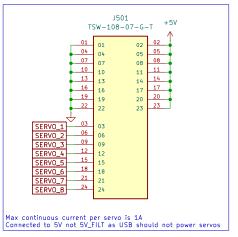
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 Rev: 0.0.1

 KiCad E.D.A. 9.0.1
 Id: 5/6

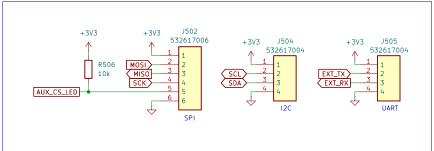




Servo connectors



Auxillary picoblade connectors



Sheet: /500_Actuation Control/
File: Connectors.kicad_sch

Title: Actuator Outputs

Size: A4 Date: 08-05-2025 Rev: 0.0.1

 Size: A4
 Date: 08-05-2025
 Rev: 0.0.1

 KiCad E.D.A. 9.0.1
 Id: 6/6