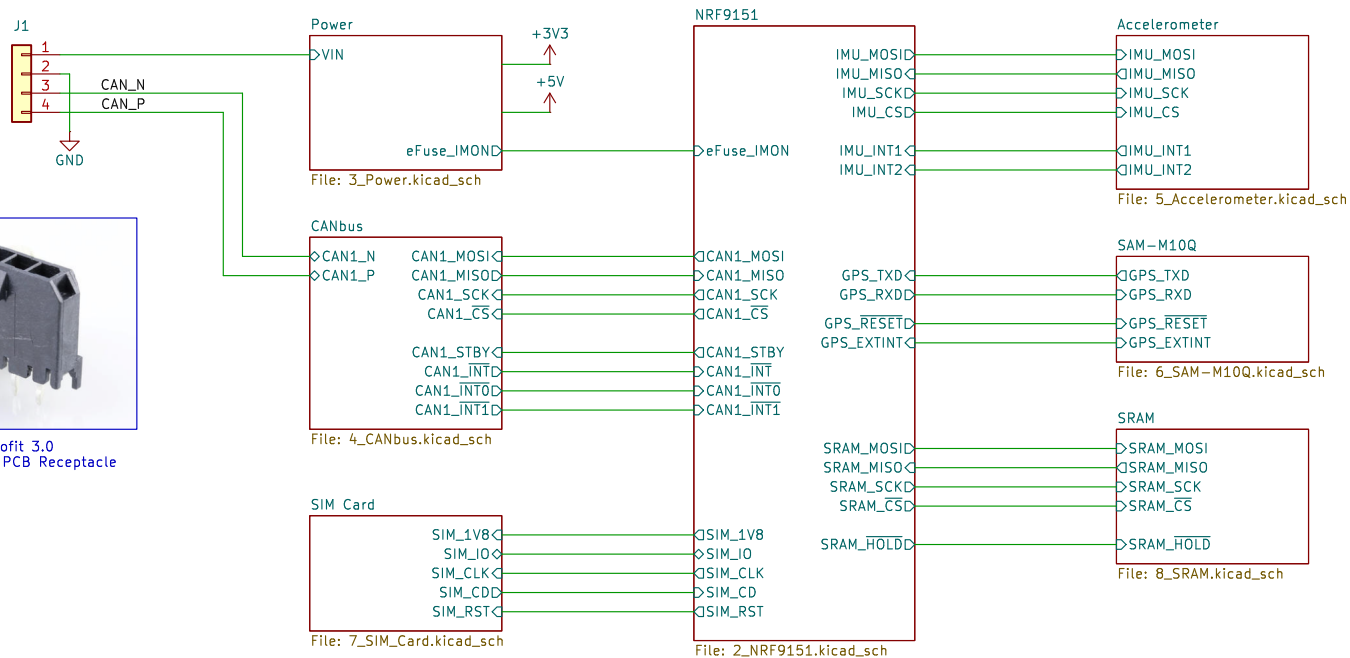




Microfit 3.0
1x4 Vertical PCB Receptacle



Sheet: /
File: SAE Cellular Module.kicad_sch

Title: Cellular Data Uplink

Size: A4

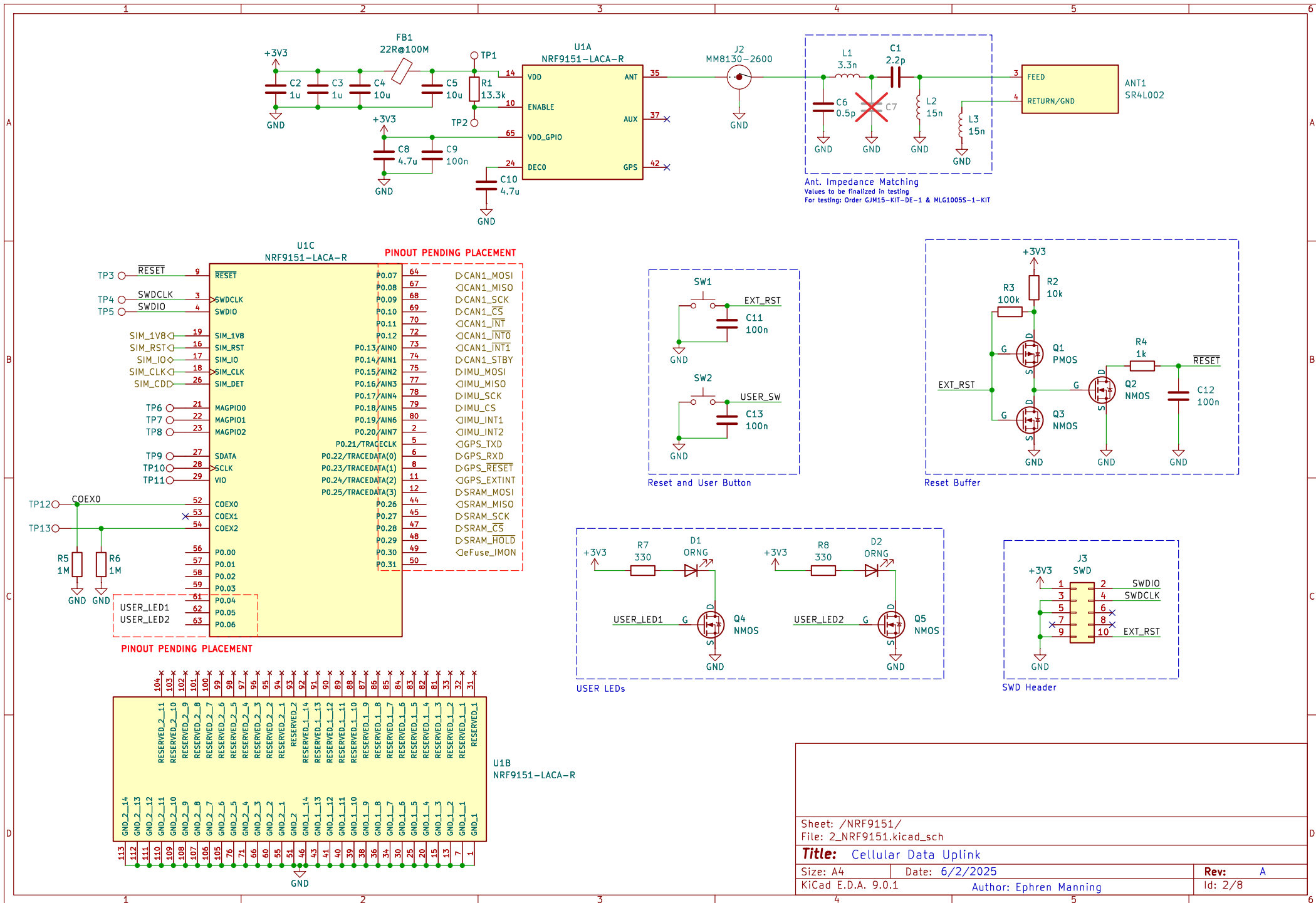
Date: 6/2/2025

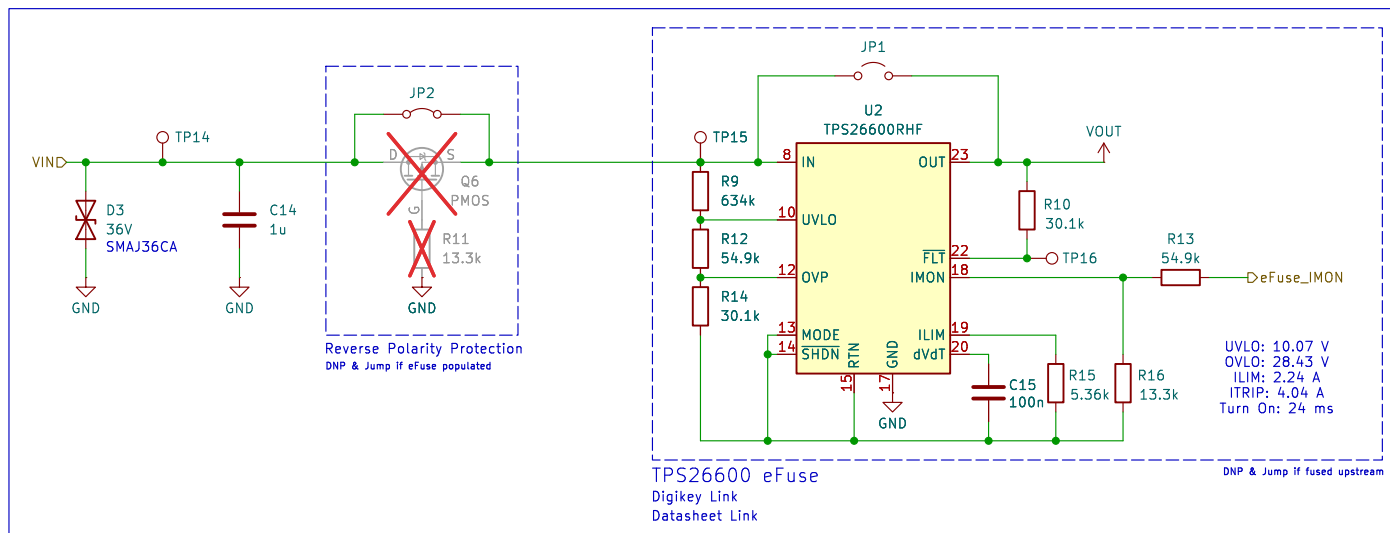
Rev: A

KiCad E.D.A. 9.0.1

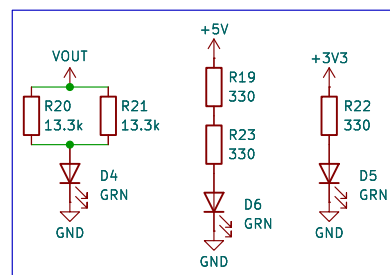
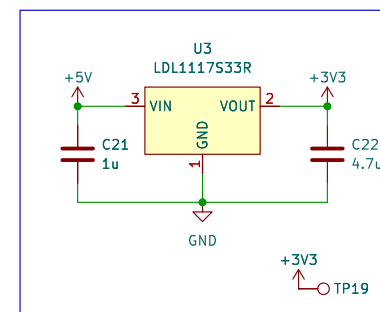
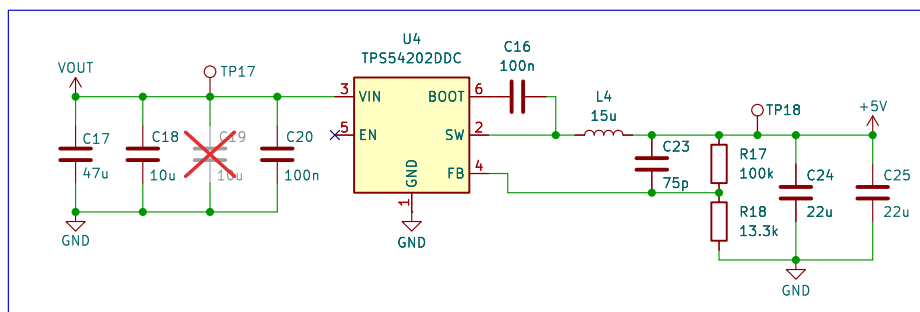
Author: Ephren Manning

Id: 1/8





Power Input Protection & Fusing



Sheet: /Power/
File: 3_Power.kicad_sch

Title: Cellular Data Uplink

Size: A4

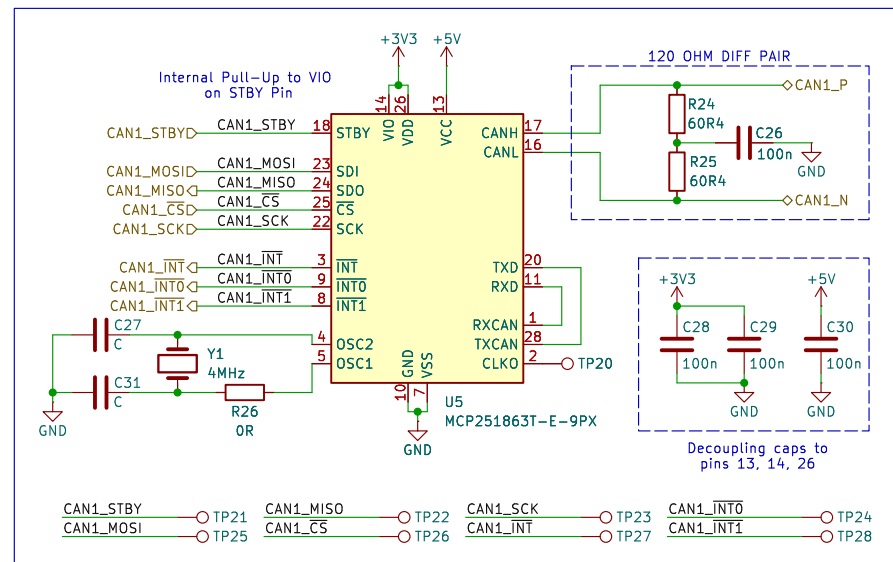
Date: 6/2/2025

Rev: A

KiCad E.D.A. 9.0.1

Author: Ephren Manning

Id: 3/8



Sheet: /CANbus/
File: 4-CANbus.kicad_sch

Title: Cellular Data Uplink

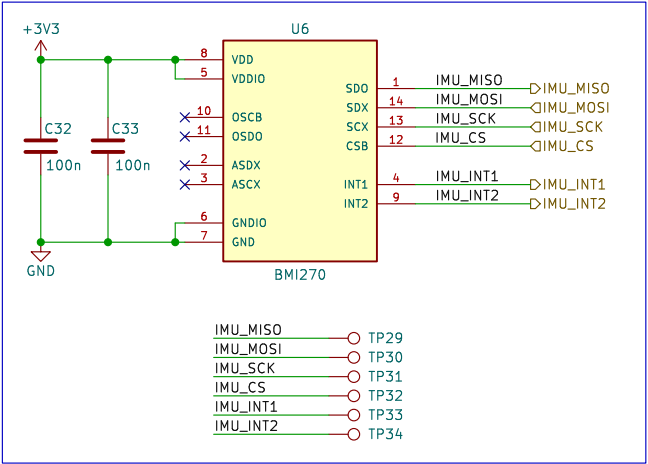
Size: A4 Date: 6/2/2025

KiCad E.D.A. 9.0.1

Author: Ephren Manning

Rev: A

Id: 4/8



BMI270 – Accelerometer + Gyroscope
[Digikey Link](#)
[Datasheet Link](#)

Sheet: /Accelerometer/
File: 5_Accelerometer.kicad_sch

Title: Cellular Data Uplink

Size: A4

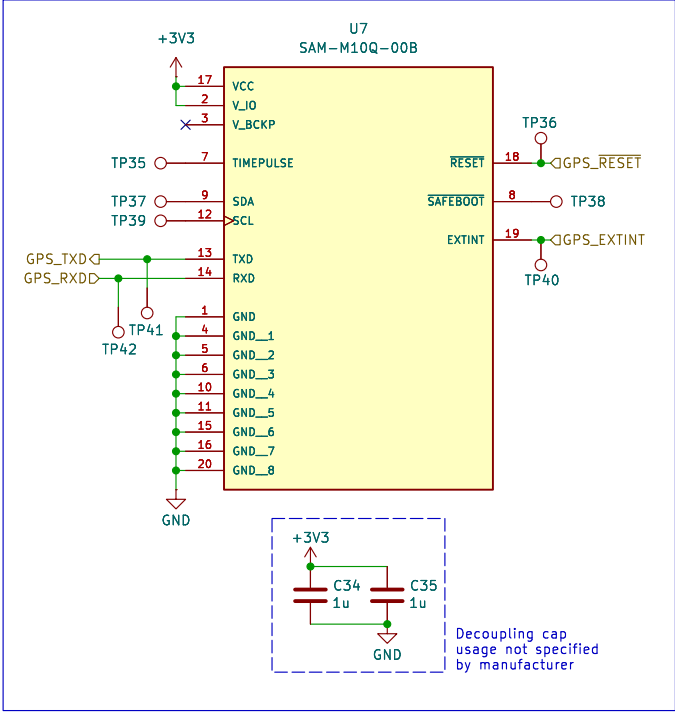
Date: 6/2/2025

Rev: A

KiCad E.D.A. 9.0.1

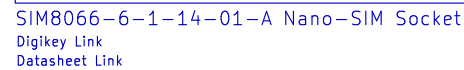
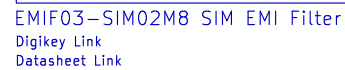
Author: Ephren Manning

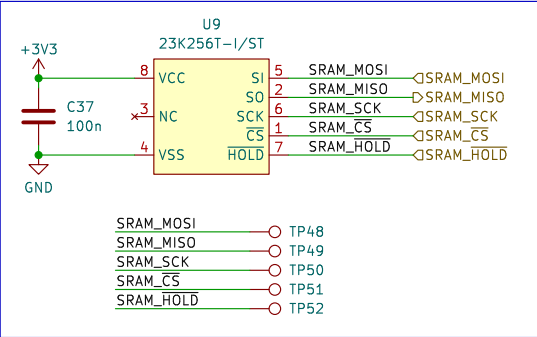
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SAM-M10Q Integrated GNSS Antenna Module
[Digikey Link](#)
[Datasheet Link](#)

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Title: Cellular Data Uplink		
Size: A4	Date: 6/2/2025	Rev: A
KiCad E.D.A. 9.0.1	Author: Ephren Manning	Id: 6/8





23K256T-I/ST - 256Kbit SRAM
[Digikey Link](#)
[Datasheet Link](#)