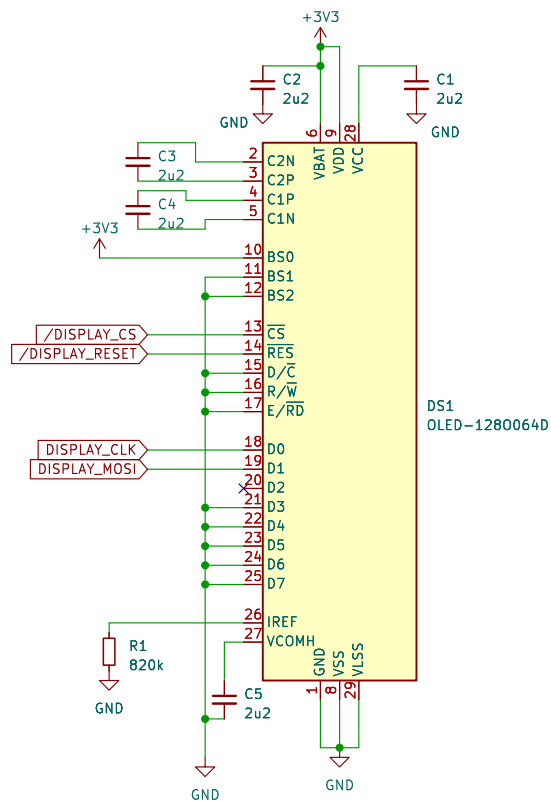
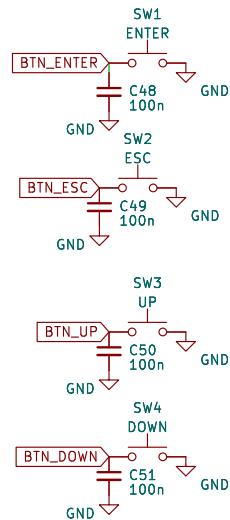


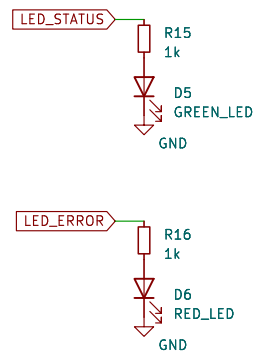
1,3 inch OLED display



Buttons



Status LED



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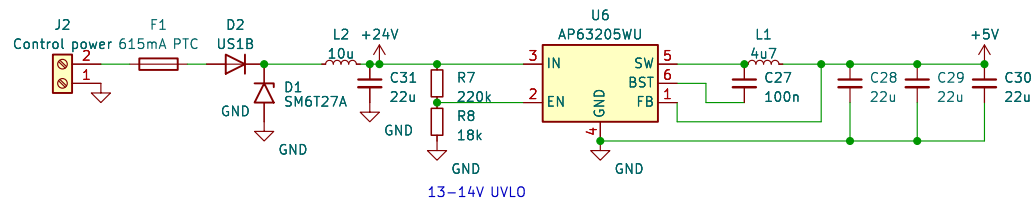
Sheet: /Display/
File: display.kicad_sch

Title: Display

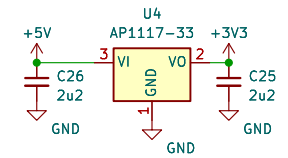
Size: A4 Date: 2023-03-06
KiCad E.D.A. kicad (7.0.0)

Rev: 1
Id: 2/7

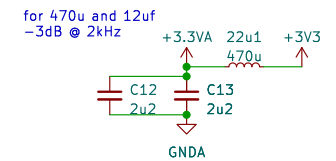
Power input and 24→5v



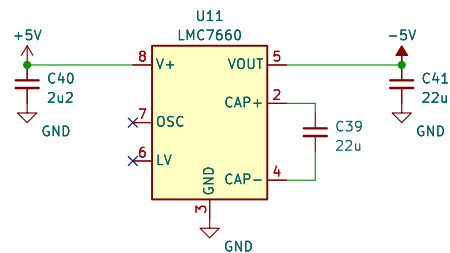
5v → 3.3V regulator



3.3V analog filtered



Negative -5V generator



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Sheet: /Power/
File: power.kicad_sch

Title: Power

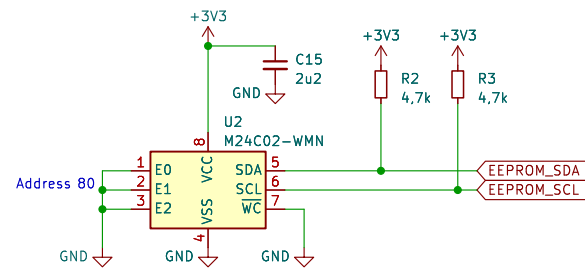
Size: A4 Date: 2023-03-06

KiCad E.D.A. kicad (7.0.0)

Rev: 1

Id: 3/7

I2C EEPROM



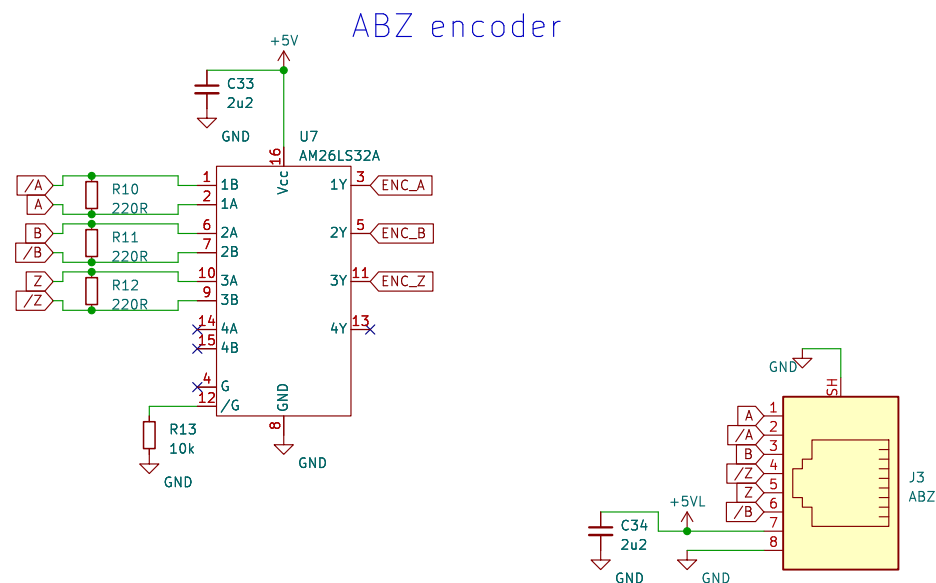
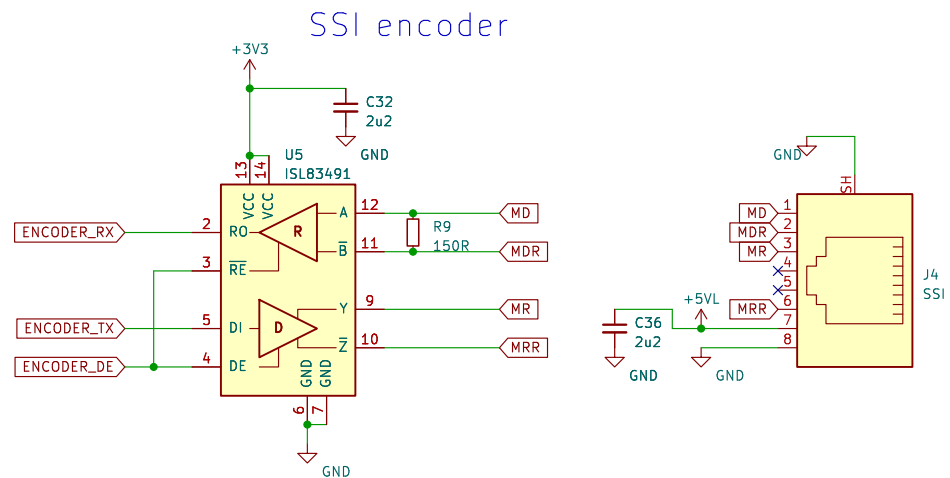
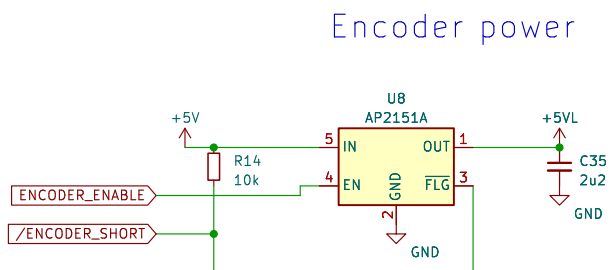
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Sheet: /EEPROM/
File: eeprom.kicad_sch

Title: Memory

Size: A4 Date: 2023-03-06
KiCad E.D.A. kicad (7.0.0)

Rev: 1
Id: 4/7



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Sheet: /Encoder/
File: encoder.kicad_sch

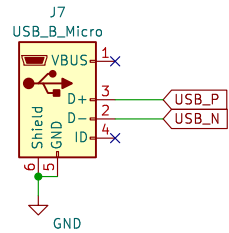
Title: Encoder interface

Size: A4 Date: 2023-03-06

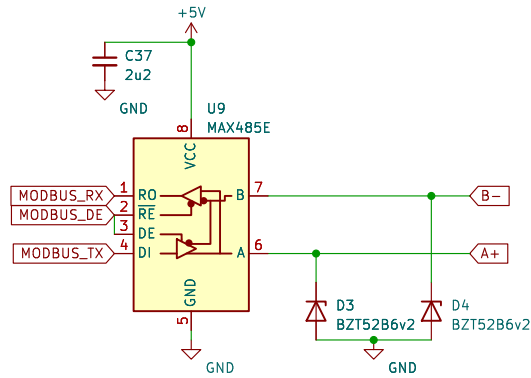
KiCad E.D.A. kicad (7.0.0)

Rev: 1
Id: 5/7

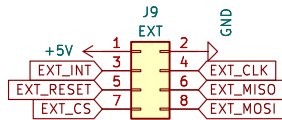
USB port



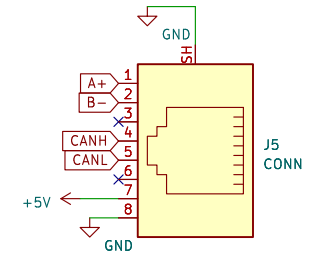
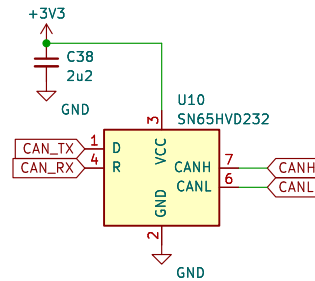
RS485 transceiver



Extension port



CAN transceiver



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Sheet: /Connectivity/
File: connectivity.kicad_sch

Title: Fieldbus interfaces

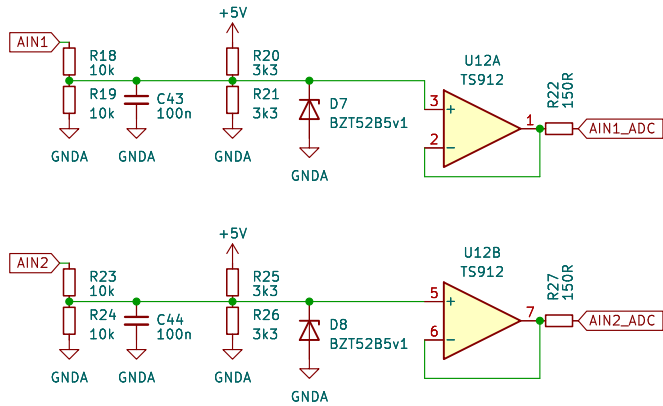
Size: A4 Date: 2023-03-06

KiCad E.D.A. kicad (7.0.0)

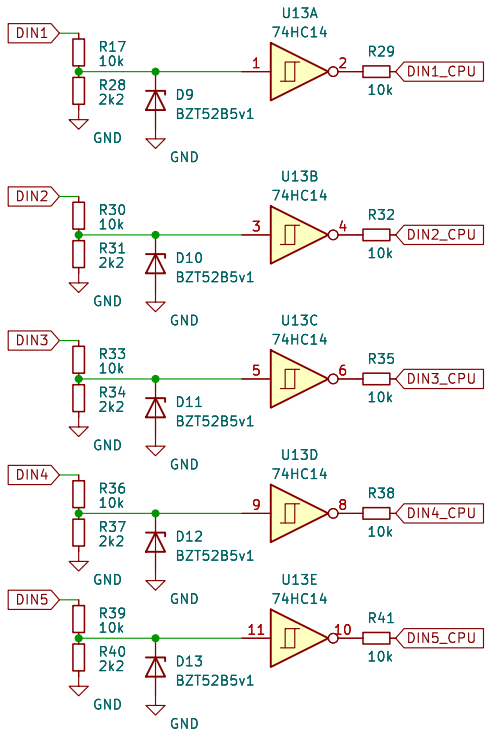
Rev: 1

Id: 6/7

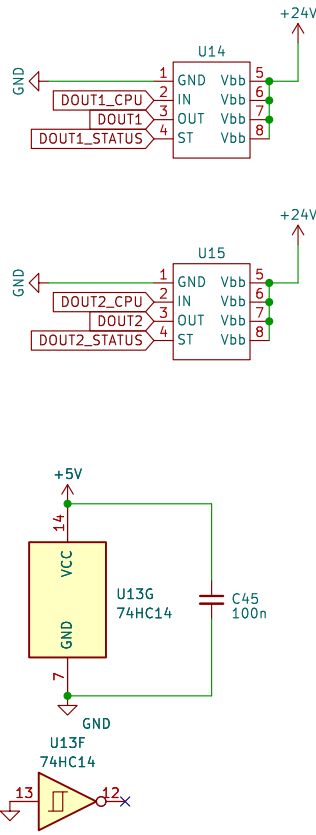
ANALOG IN



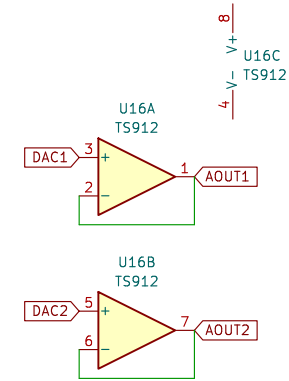
DIGITAL IN



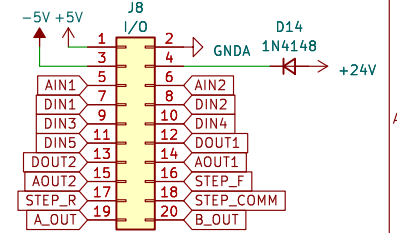
DIGITAL OUT



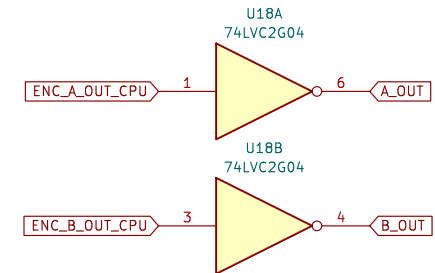
ANALOG OUT



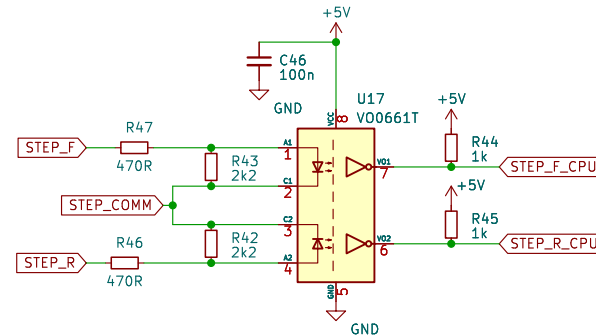
I/O connector



ENCODER OUT



STEP/DIR INPUT



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Sheet: /input-output/
File: input-output.kicad_sch

Title: External I/O

Size: A4 Date: 2023-03-06
KiCad E.D.A. kicad (7.0.0)

Rev: 1
Id: 7/7