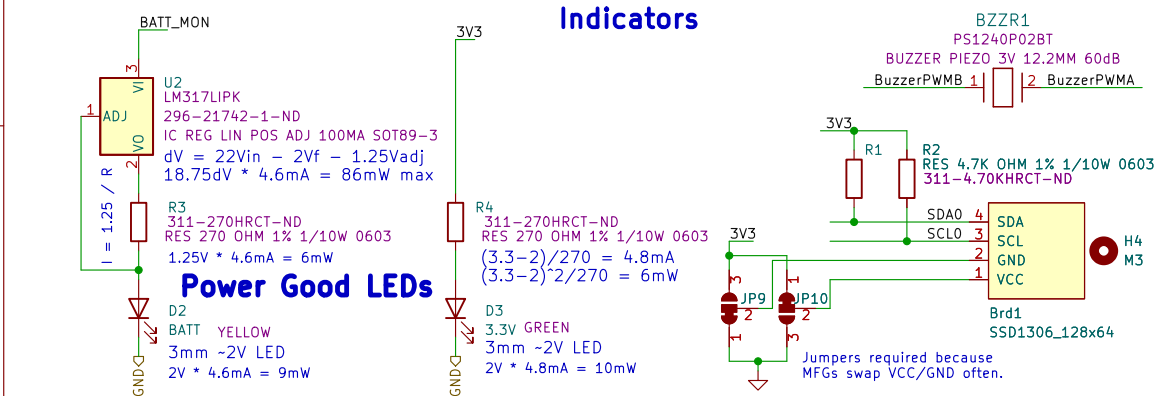
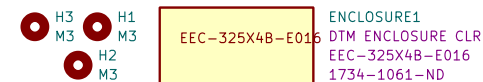
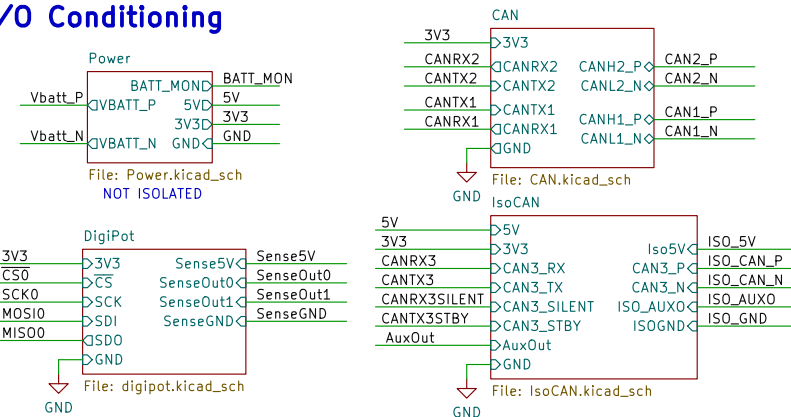


File: encoder.kicad_sch
Encoder may be on:
0-8,30,31,33,37
May only use one of [0,1,5,36



VO Conditioning

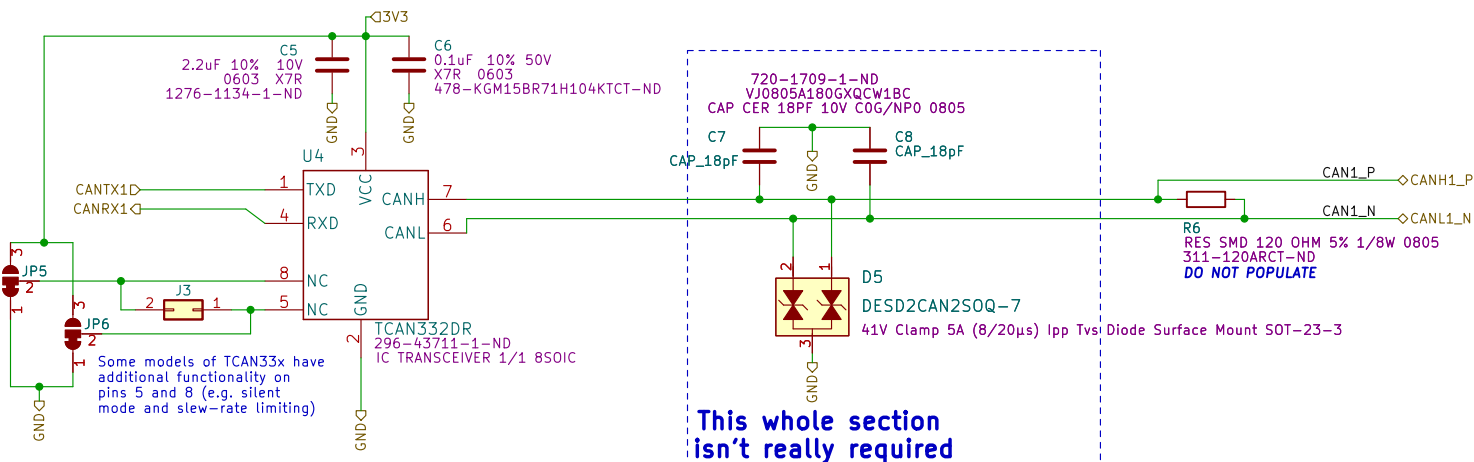
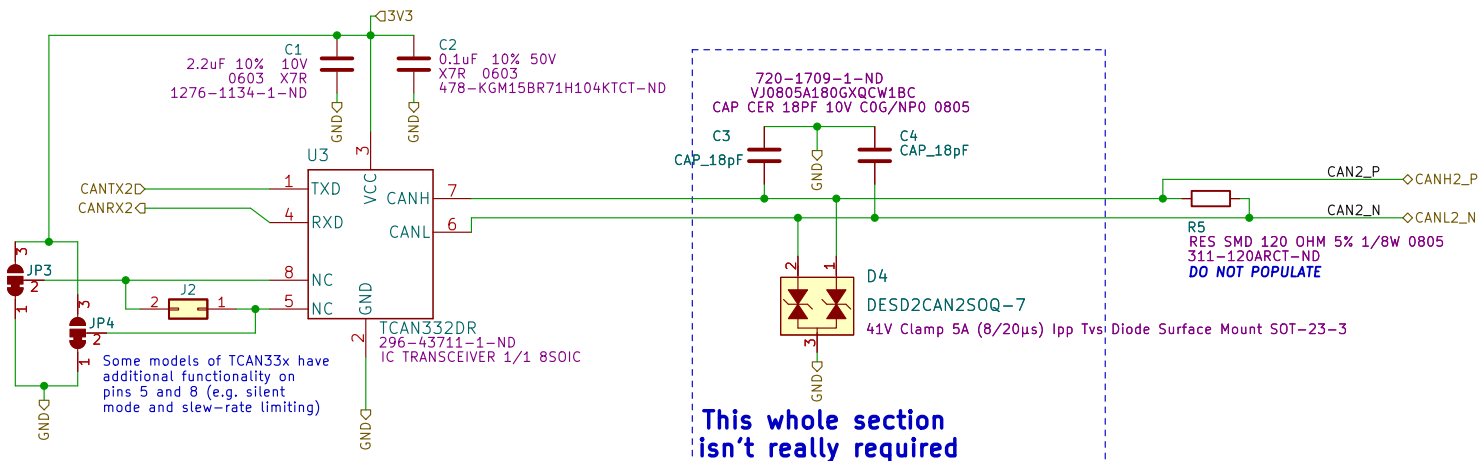


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CAN_AnalogIO

Size: A4	Date: 2024-04-03
KiCad E.D.A. kicad 6.0.11-2627ca5db0-126-ubuntu20.04.1	

Rev: 1
Sheet 1/7



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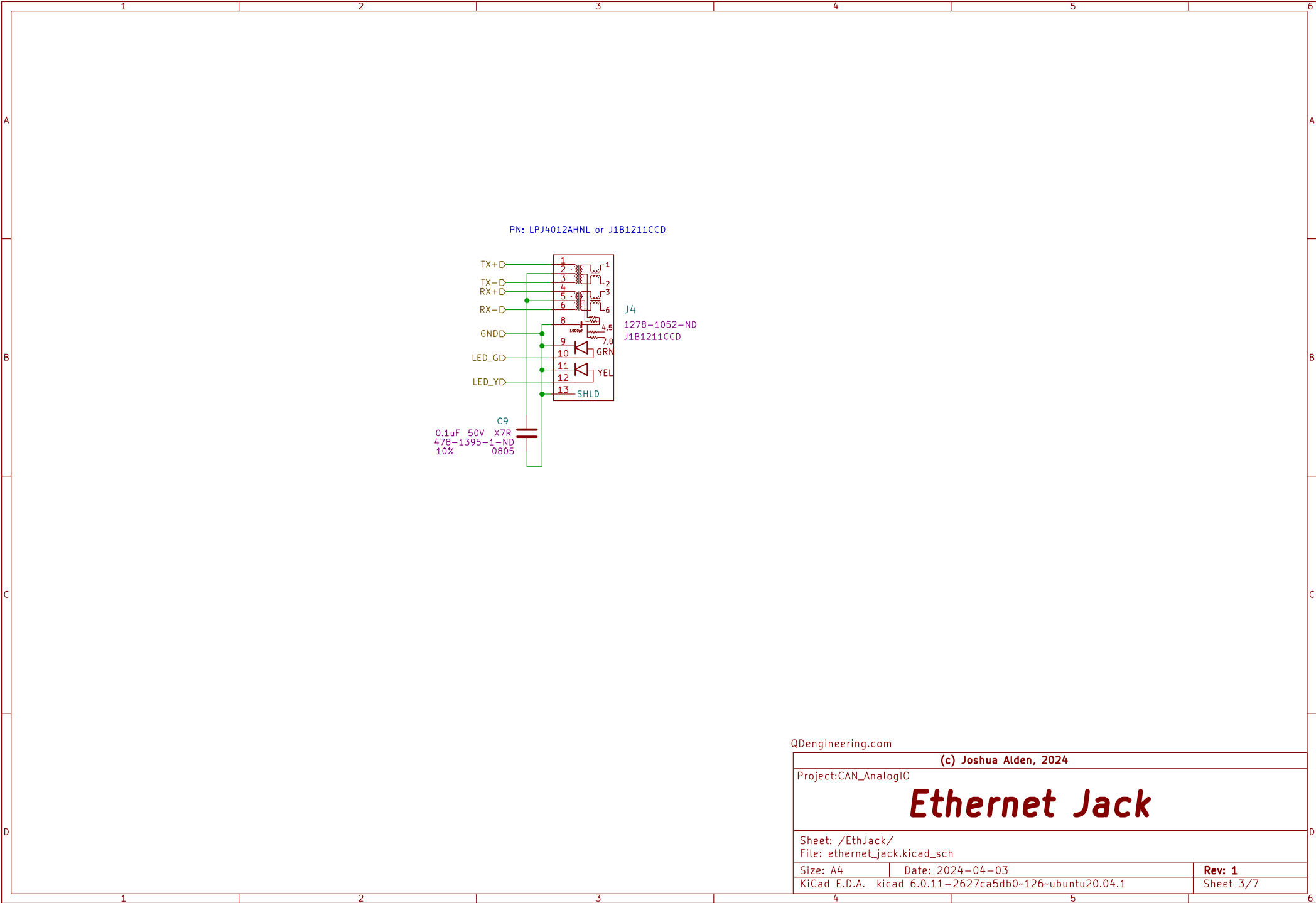
Project:CAN_AnalogIO

CAN Bus

Sheet: /CAN/
File: CAN.kicad_sch

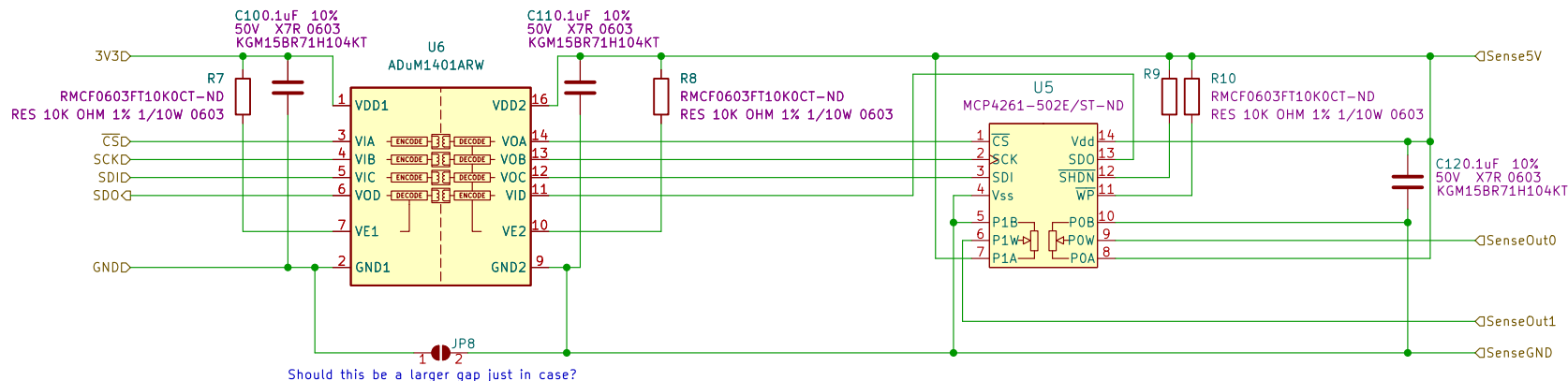
Size: A4 Date: 2024-04-03
KiCad E.D.A. kicad 6.0.11-2627ca5db0-126-ubuntu20.04.1

Rev: 1
Sheet 2/7



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Project:CAN_AnalogIO		
Ethernet Jack		
Sheet: /EthJack/ File: ethernet_jack.kicad_sch		
Size: A4	Date: 2024-04-03	Rev: 1
KiCad E.D.A. kicad 6.0.11-2627ca5db0-126-ubuntu20.04.1		Sheet 3/7



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Project:CAN_AnalogIO

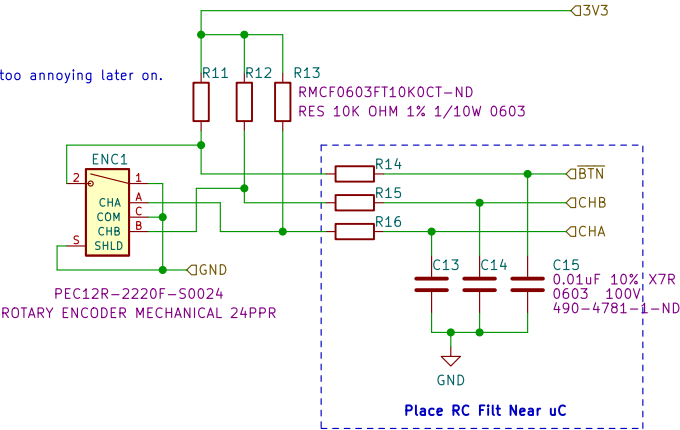
Digital Pot

Sheet: /DigiPot/
File: digipot.kicad_sch

Size: A4 Date: 2024-04-03
KiCad E.D.A. kicad 6.0.11-2627ca5db0-126-ubuntu20.04.1

Rev: 1
Sheet 4/7

Swapping A and B to help with routing. Hopefully this isn't too annoying later on.



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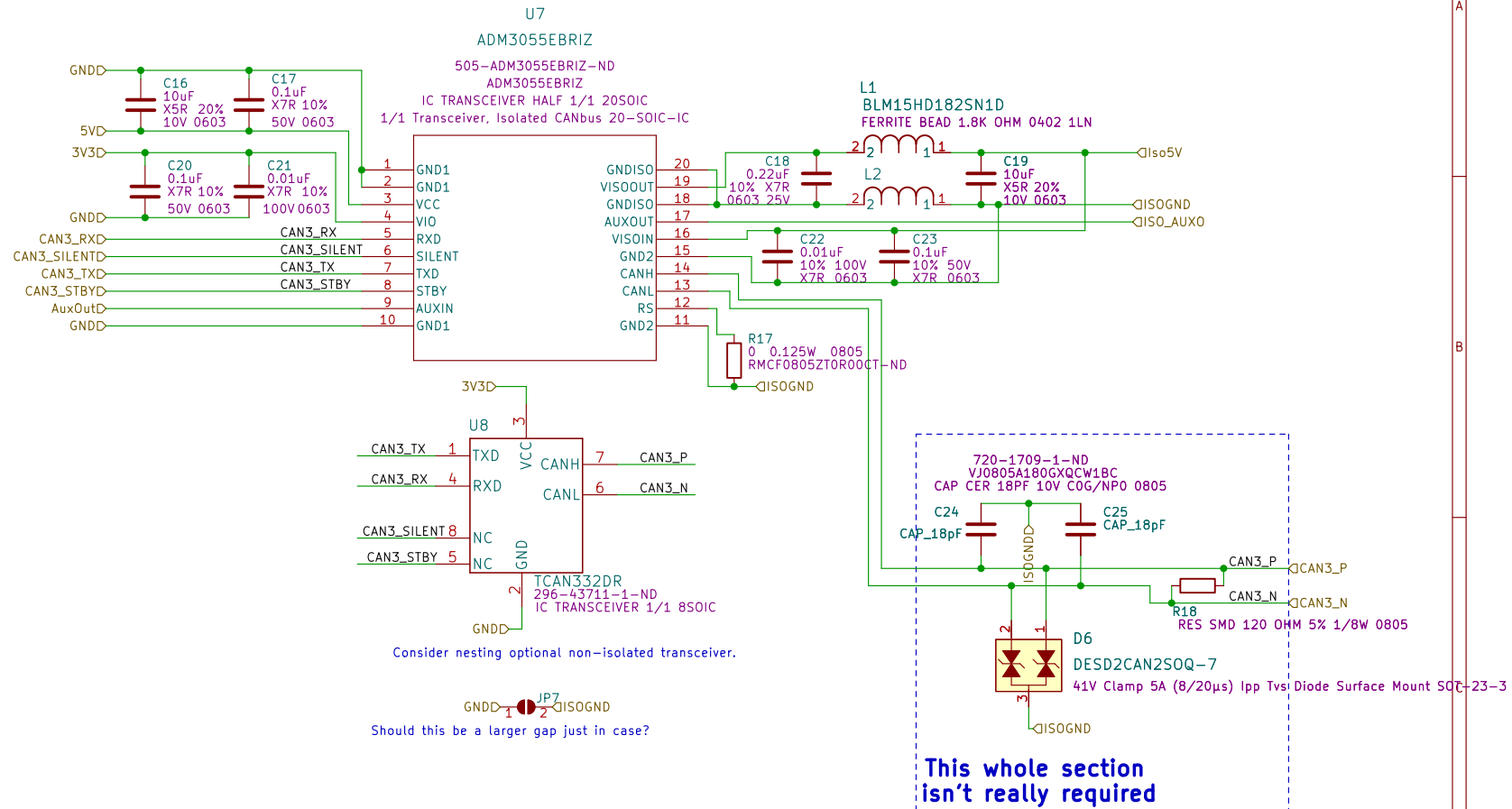
Project:CAN_AnalogIO

Encoder Input

Sheet: /encoder/
File: encoder.kicad_sch

Size: A4 Date: 2024-04-03
KiCad E.D.A. kicad 6.0.11-2627ca5db0-126-ubuntu20.04.1

Rev: 1
Sheet 5/7



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Isolated CAN

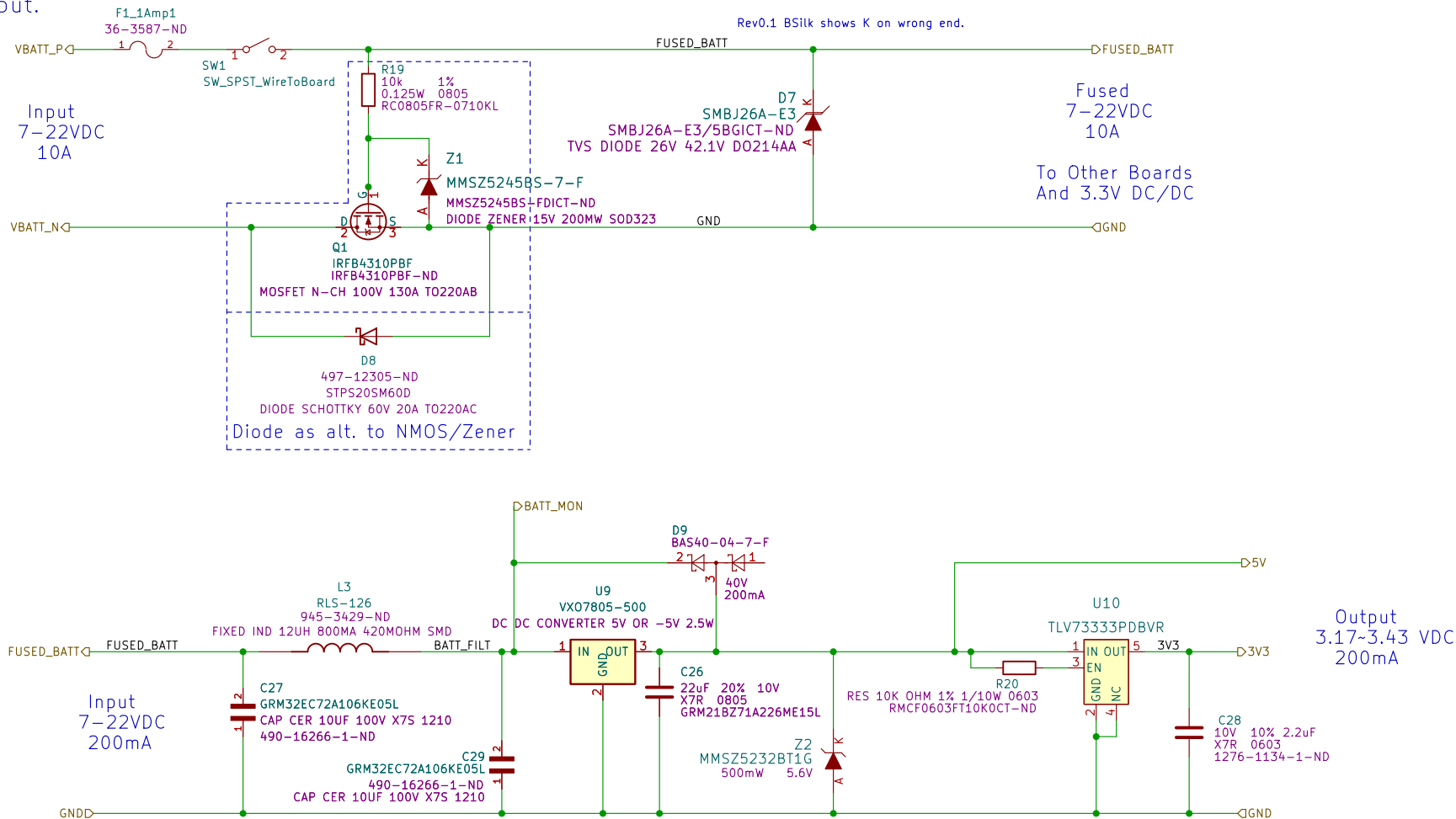
Sheet: /IsoCAN/
File: IsoCAN.kicad_sch

Size: A4 Date: 2024-04-03

KiCad E.D.A. kicad 6.0.11-2627ca5db0-126-ubuntu20.04.1

Rev: 1
Sheet 6/7

NOTE: Typical use expected to include
18V Lithium battery and 9V battery,
so 7~22VDC input.



== DC/DC Selection ==
R-783.3-0.5
- Most expensive
+ Most efficient
+ Lowest noise & ripple
VX(0)7803-500
+ Much cheaper
+ Wider input range
- Less efficient
- More noise

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Project:CAN_AnalogIO

Power Input & Regulation

Sheet: /Power/
File: Power.kicad_sch

Size: A4	Date: 2024-04-03	Rev: 1
KiCad E.D.A.	kicad 6.0.11-2627ca5db0-126-ubuntu20.04.1	Sheet 7/7