

matei repair lab

Sheet: /usb/
File: usb.kicad_sch

Title: USB & ESD

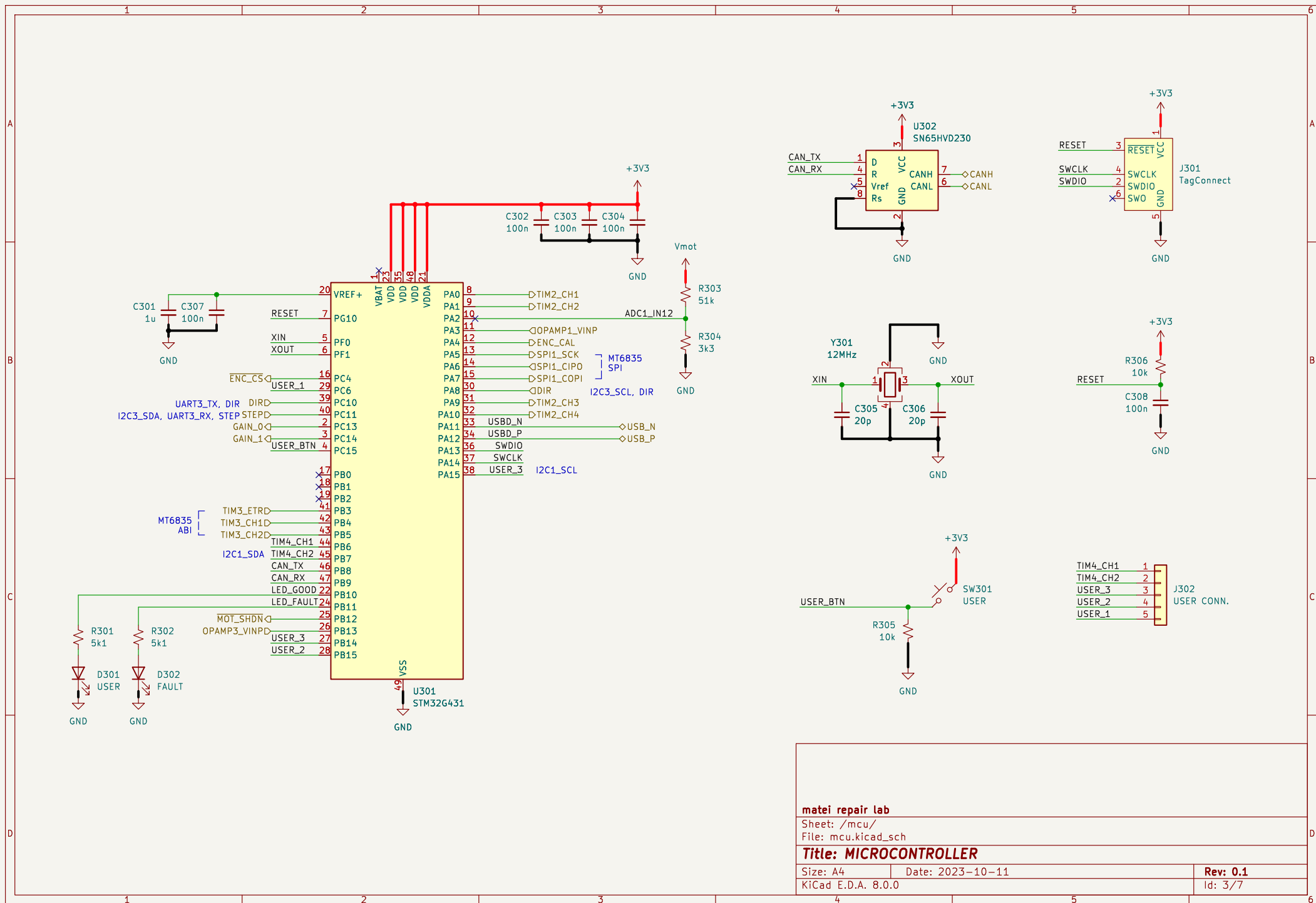
Size: A4

Date: 2023-10-11

Rev: 0.1

KiCad E.D.A. 8.0.0

Id: 2/7



matei repair lab

Sheet: /mcu/
File: mcu.kicad_sch

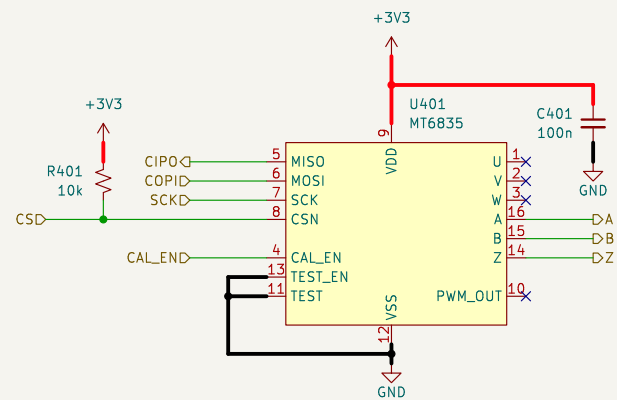
Title: MICROCONTROLLER

Size: A4 Date: 2023-10-11

KiCad E.D.A. 8.0.0

Rev: 0.1

Id: 3/7



matei repair lab

Sheet: /encoder/

File: encoder.kicad_sch

Title: MAGNETIC ENCODER 14 BIT

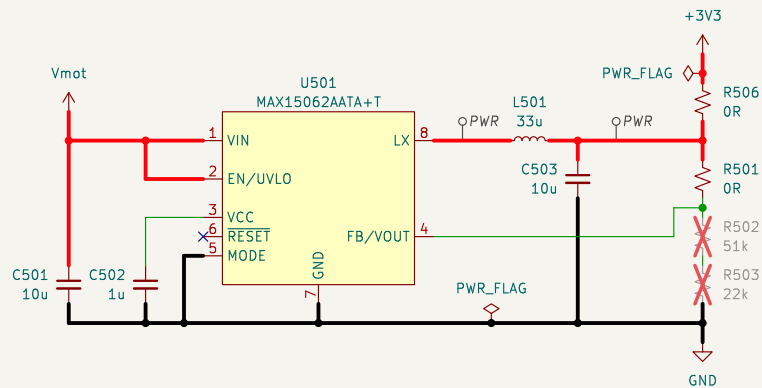
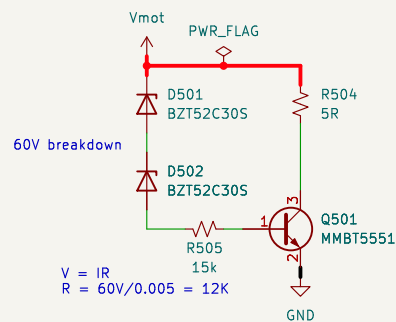
Size: A4

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For MAX15062AATA+T (C2846801):
R501: 0R
R502, R503: DNP

For MAX15062CATA+T (C1121853):
R501: 200k
R502, R503: 51k, 22k

Ra = Rb(Vout/0.9 - 1)
3.36V (closest to 3v3 with basic parts)

matei repair lab

Sheet: /psu/
File: psu.kicad_sch

Title: POWER SUPPLY & FILTERING

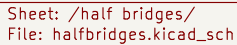
Size: A4

Date: 2023-10-11

Rev: 0.1

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Id: 6/7



Size: A4

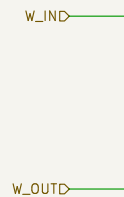
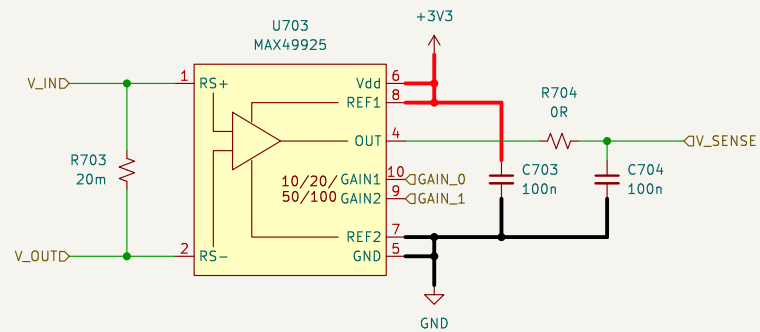
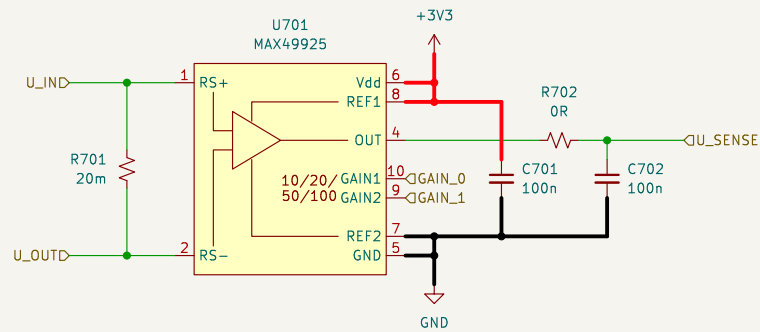
Size: A4

KiCad E.D.A. 8.0.0

Date:

Rev:

Id: 7/7



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Sheet: /current sense/
 File: currentsense.kicad_sch

Title: HALL CURRENT SENSING

Size: A4 Date: 2023-10-11

KiCad E.D.A. 8.0.0

Rev: 0.1

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