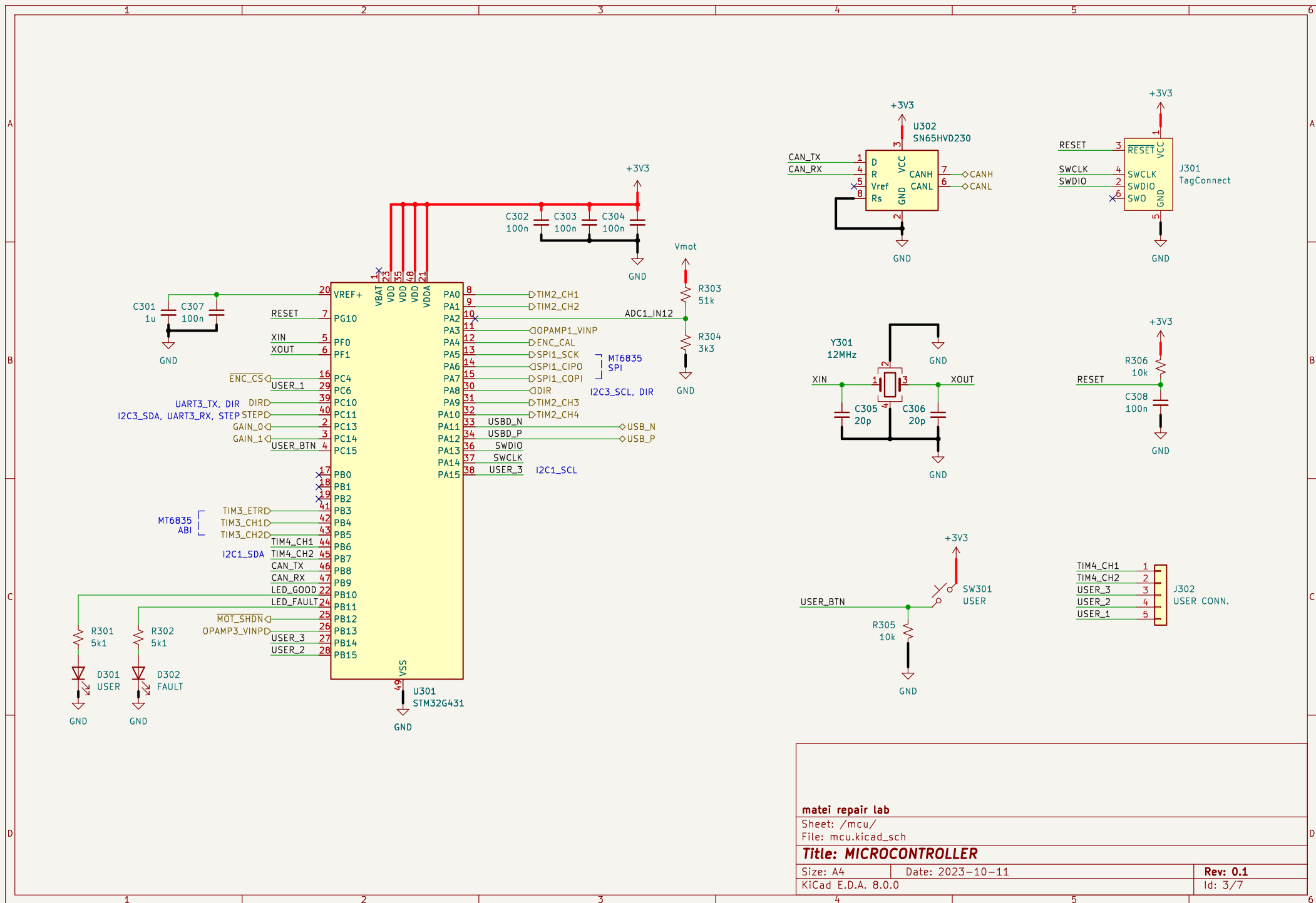


Id: 2/7



matei repair lab

Sheet: /mcu/
File: mcu.kicad_sch

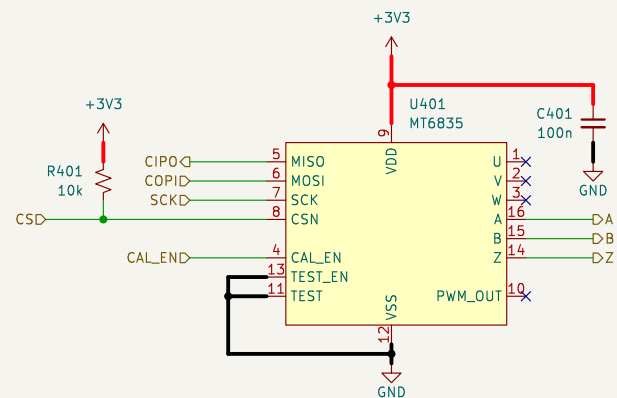
Title: MICROCONTROLLER

Size: A4 Date: 2023-10-11

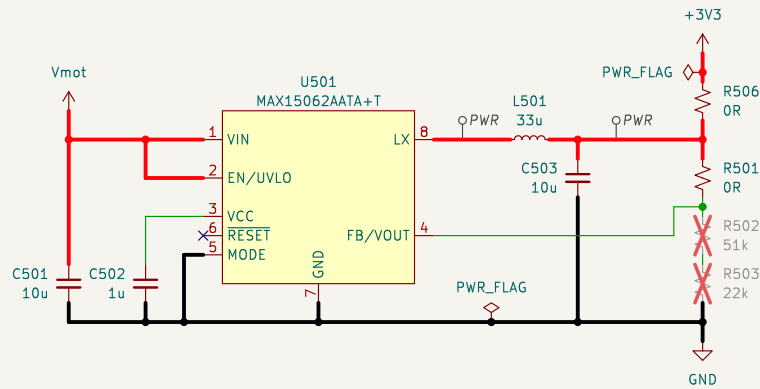
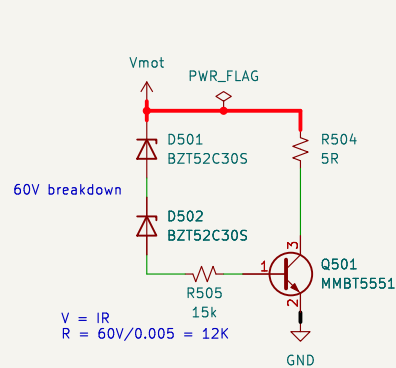
KiCad E.D.A. 8.0.0

Rev: 0.1

Id: 3/7



matei repair lab		
Sheet: /encoder/		
File: encoder.kicad_sch		
Title: MAGNETIC ENCODER 14 BIT		
Size: A4	Date: 2023-10-11	Rev: 0.1
KiCad E.D.A. 8.0.0	Id: 4/7	



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

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

$R_a = R_b(V_{out}/0.9 - 1)$
 3.36V (closest to 3v3 with basic parts)

matei repair lab

Sheet: /psu/
 File: psu.kicad_sch

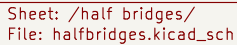
Title: POWER SUPPLY & FILTERING

Size: A4
 KiCad E.D.A. 8.0.0

Date: 2023-10-11

Rev: 0.1

Id: 6/7



Size: A4

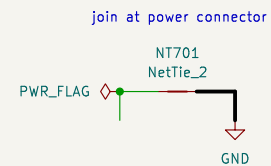
Size: A4

KiCad E.D.A. 8.0.0

Date:

Rev:

Id: 7/7



Id: 8/7