

**matei repair lab**

Sheet: /

File: lemon-pepper.kicad\_sch

**Title: LEMON PEPPER STEPPER**

Size: A4

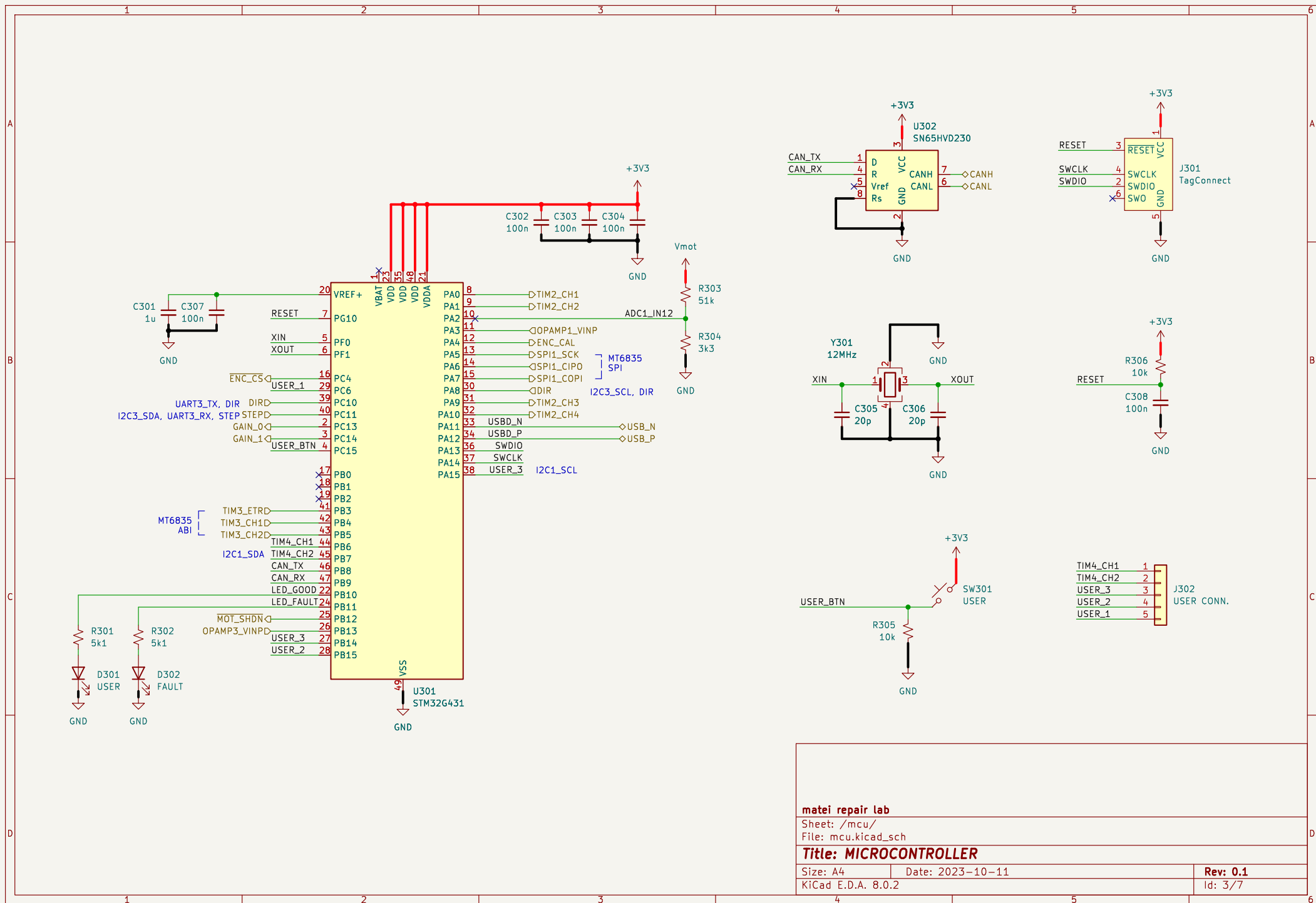
Date: 2023-10-11

KiCad E.D.A. 8.0.2

**Rev: 0.1**

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Id: 2/7



matei repair lab

Sheet: /mcu/  
File: mcu.kicad\_sch

Title: MICROCONTROLLER

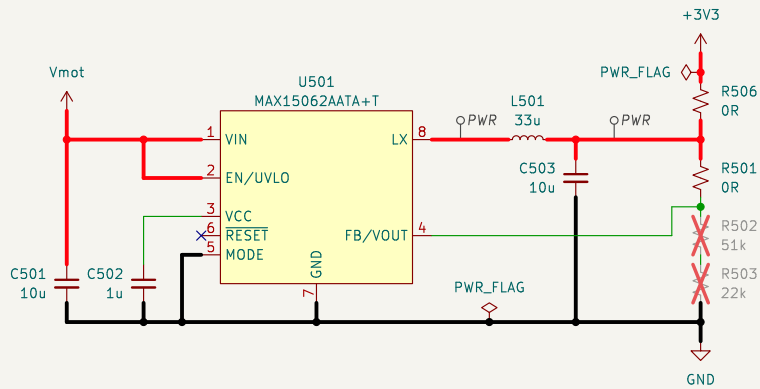
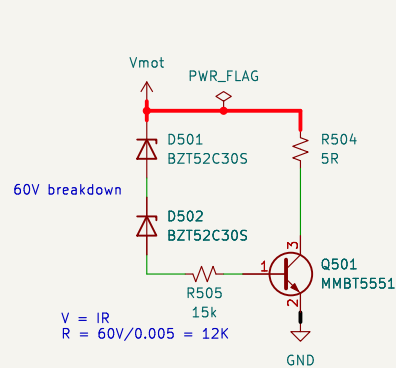
Size: A4  
KiCad E.D.A. 8.0.2

Date: 2023-10-11

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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**

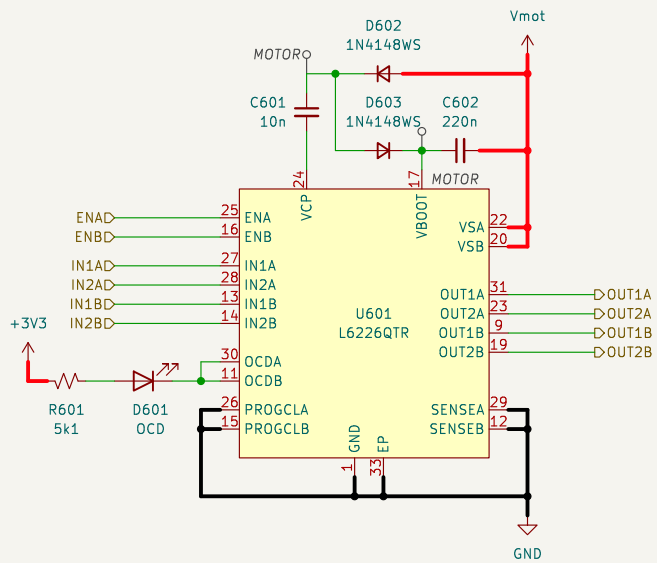
Size: A4

Date: 2023-10-11

Rev: 0.1

KiCad E.D.A. 8.0.2

Id: 6/7



Sheet: /half bridges/  
File: halfbridges.kicad\_sch

**Title:**

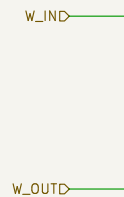
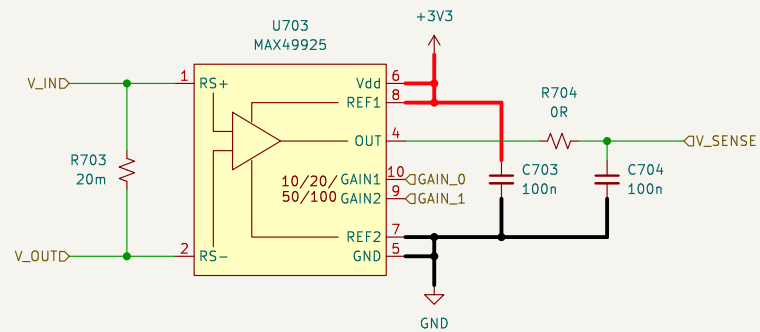
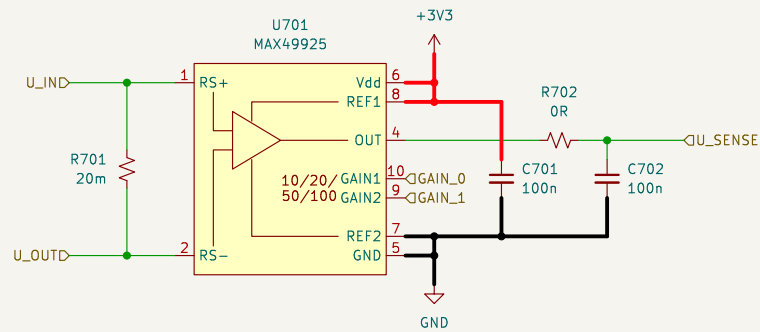
Size: A4

Date:

KiCad E.D.A. 8.0.2

**Rev:**

Id: 7/7



matei repair lab

Sheet: /current sense/  
File: currentsense.kicad\_sch

**Title: HALL CURRENT SENSING**

Size: A4 Date: 2023-10-11

KiCad E.D.A. 8.0.2

Rev: 0.1

Id: 8/7