

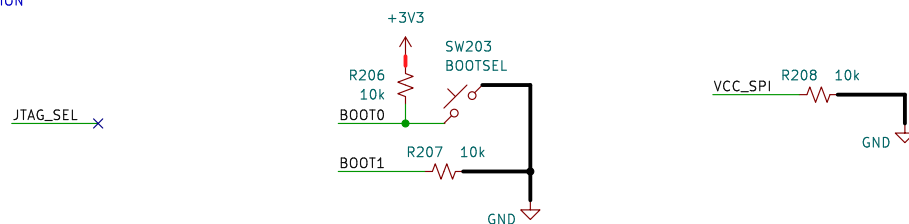
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File: ayab-esp32.kicad_sch

Title: AYAB-ESP32 overview

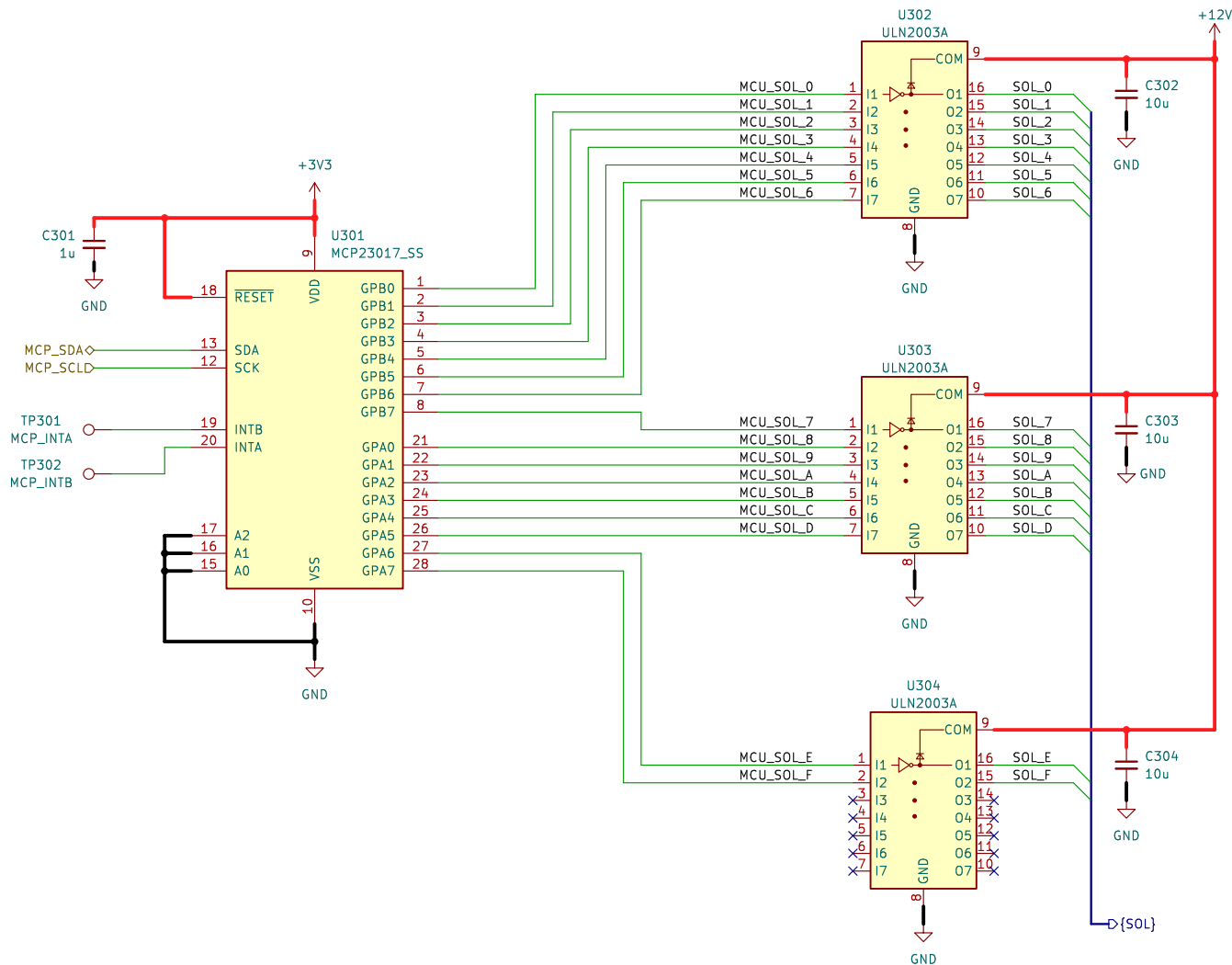
Size: A4	Date: 2023-07-17	Rev: 0.1
KiCad E.D.A. kicad 7.0.6-0		Id: 1/8

AYAB
all yarns are beautiful



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SOLENOID DRIVERS



unmodified machine is 26W
assuming all power is
used by solenoids - 130mA each
ULN2003A max current 500mA each output
2.5A package current max

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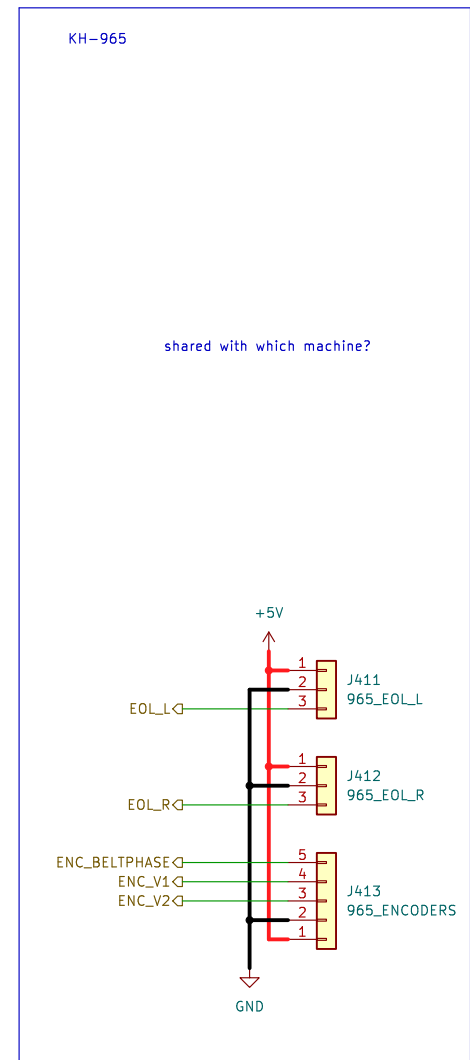
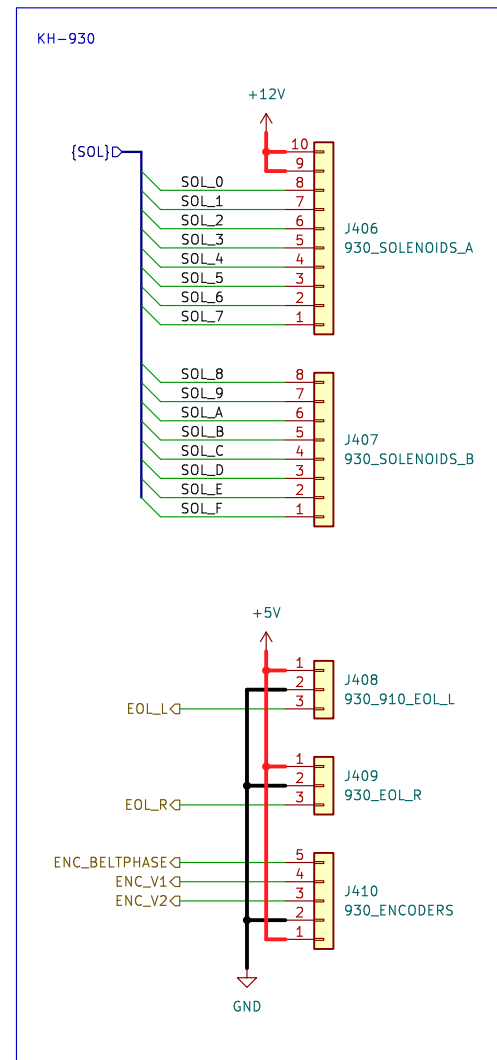
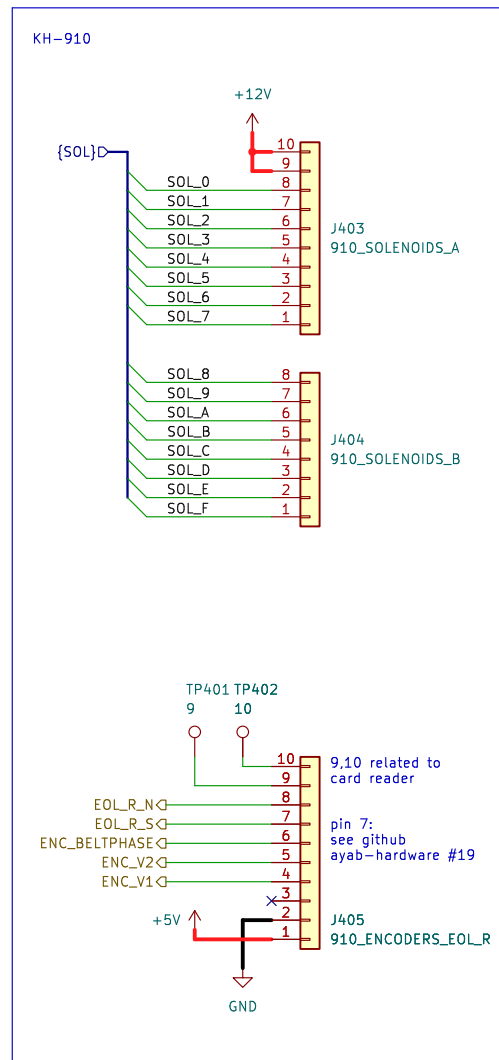
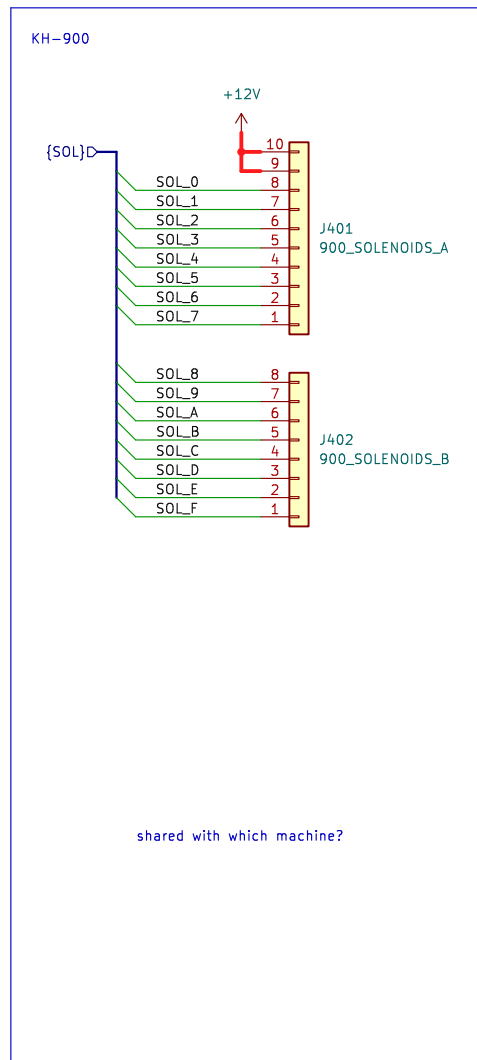
matei

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File: solenoids.kicad_sch

Title: SOLENOID DRIVERS

Size: A4 Date: 2023-07-17
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File: brother-connectors.kicad_sch

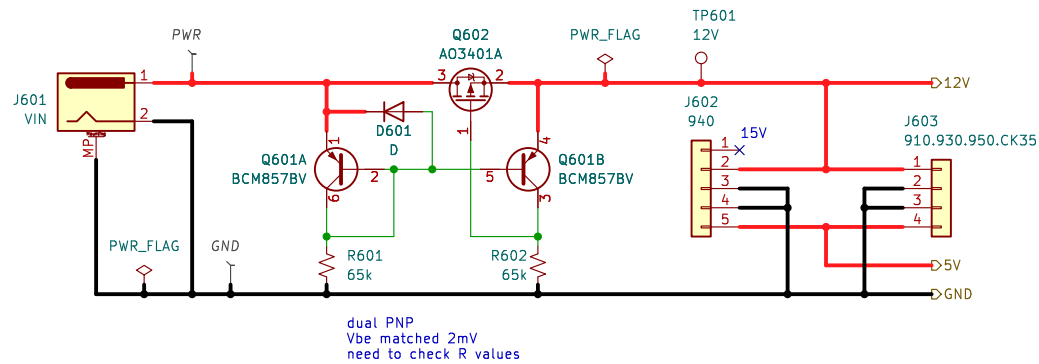
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Size: A4	Date: 2023-07-17
KiCad E.D.A. kicad 7.0.6-0	

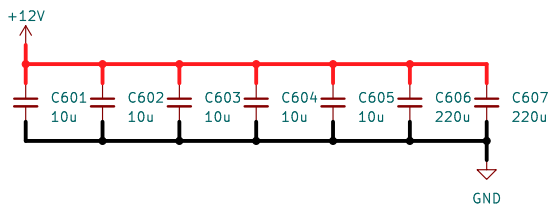
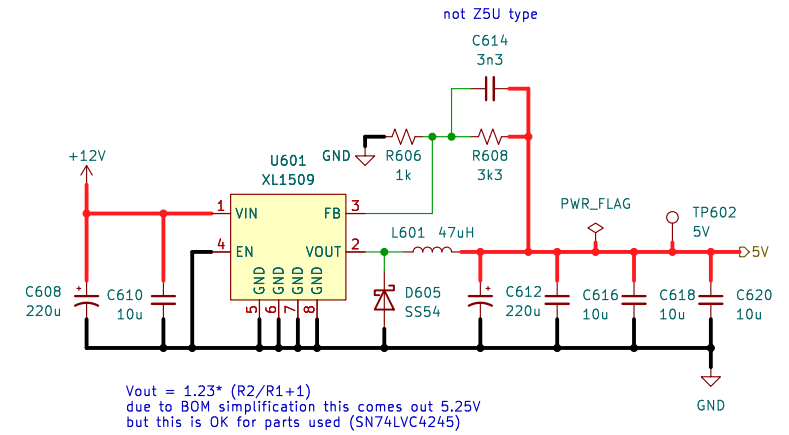
Rev: 0.1
Id: 4/8

Id: 5/8

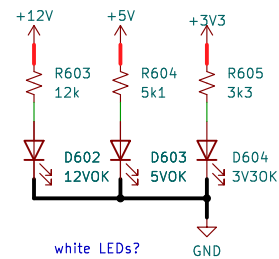
BARREL JACK / BROTHER INPUT
POLARITY PROTECTION
ZERO VOLT DIODE



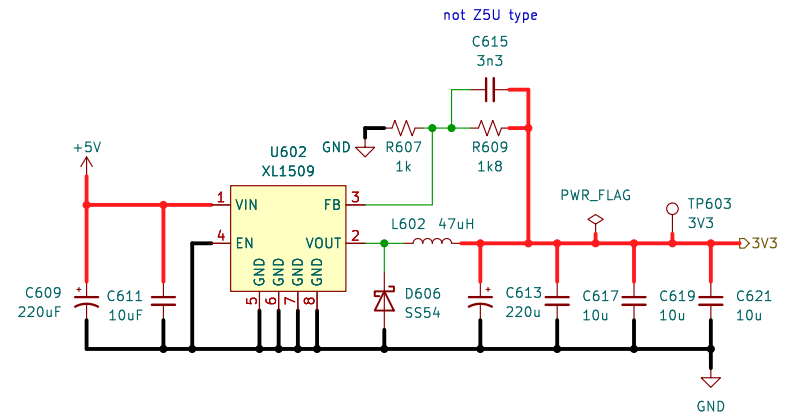
5V SUPPLY



INDICATORS



3V3 SUPPLY



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Sheet: /PSU/

File: psu.kicad_sch

Title: POWER SUPPLY

Size: A4

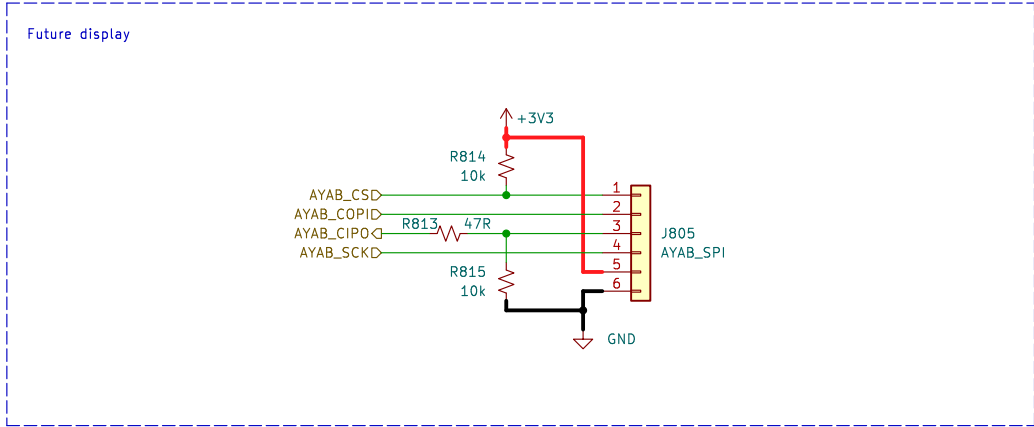
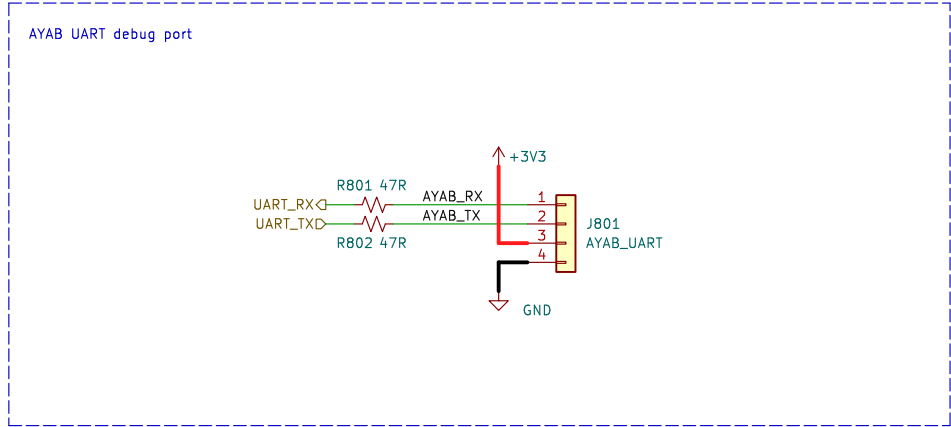
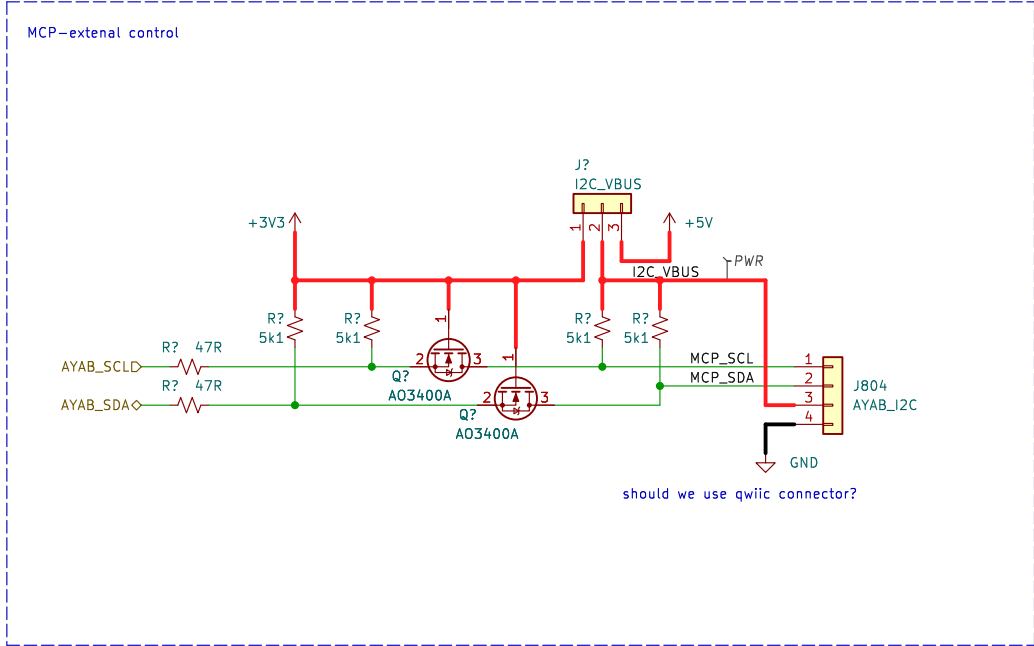
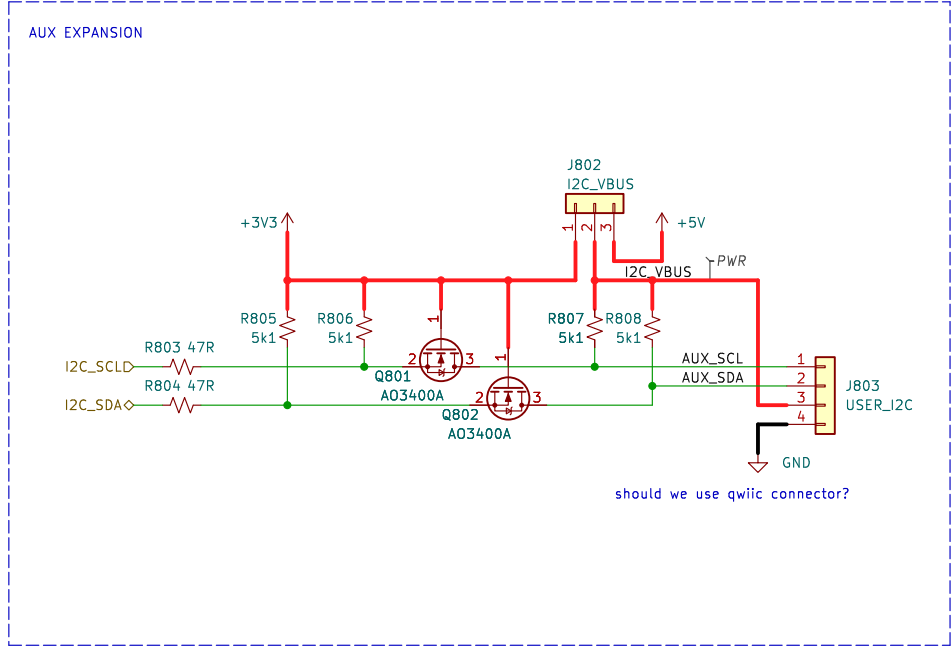
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Sheet: /AUX-CONNECTORS/
File: aux-connectors.kicad_sch

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Size: A4	Date:		
KiCad E.D.A. kicad 7.0.6-0		Rev: Id: 8/8	