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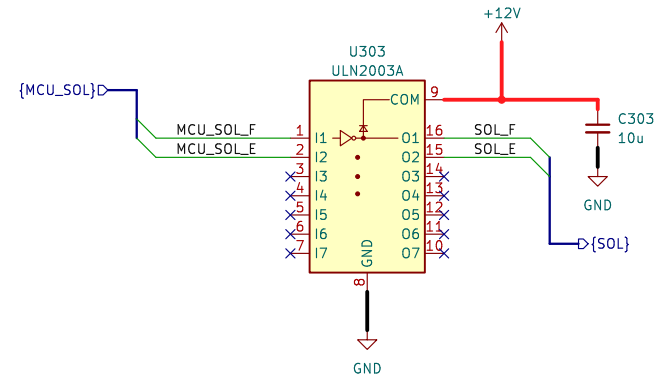
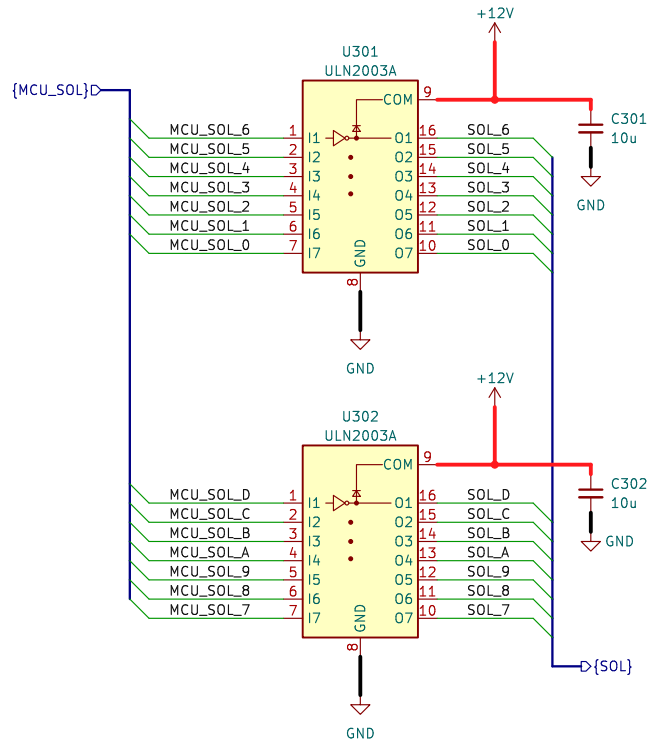
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File: ayab–esp32.kicad_sch

Title: AYAB–ESP32 overview

Size: A4	Date: 2023–07–17	Rev: 0.1
KiCad E.D.A. kicad 7.0.5–0	Id: 1/7	

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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Sheet: /SOLENOID DRIVERS/
File: solenoids.kicad_sch

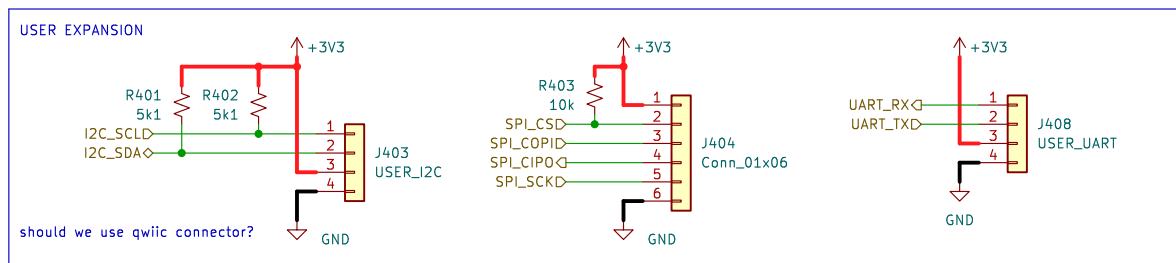
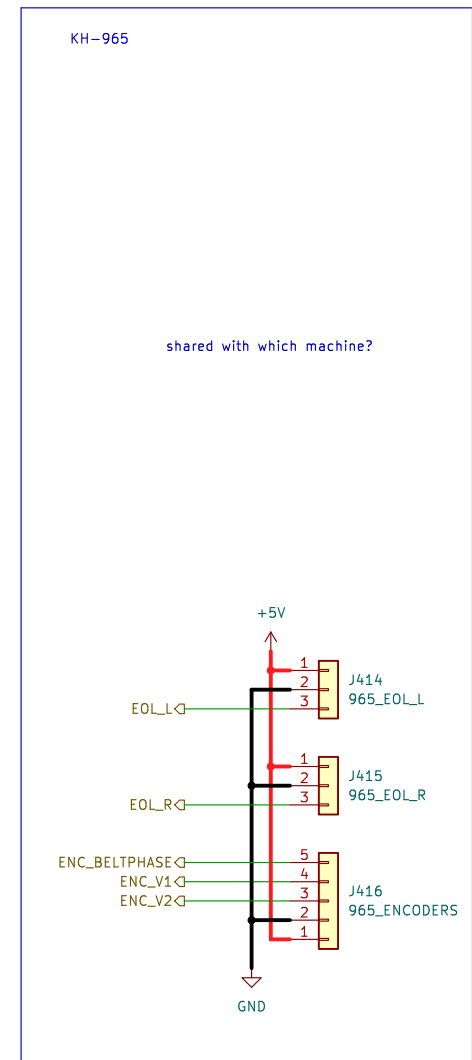
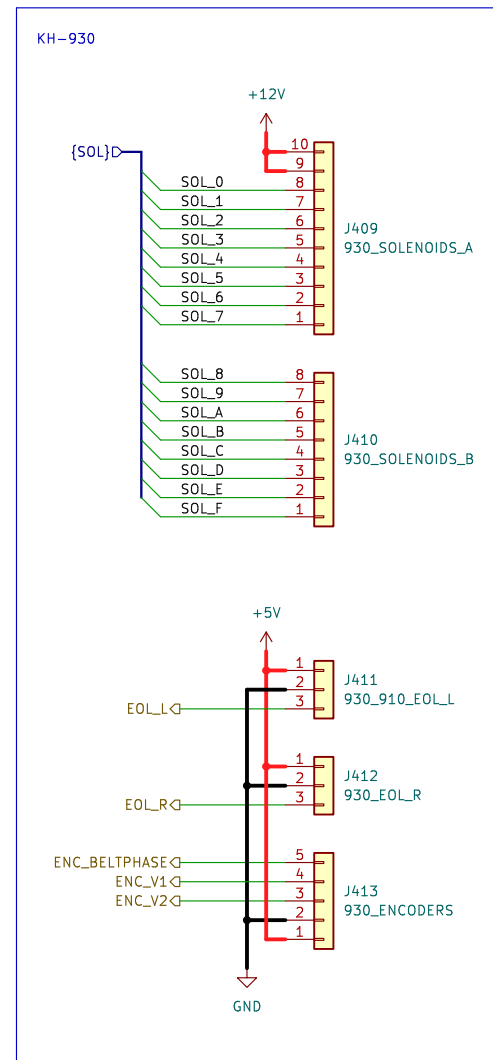
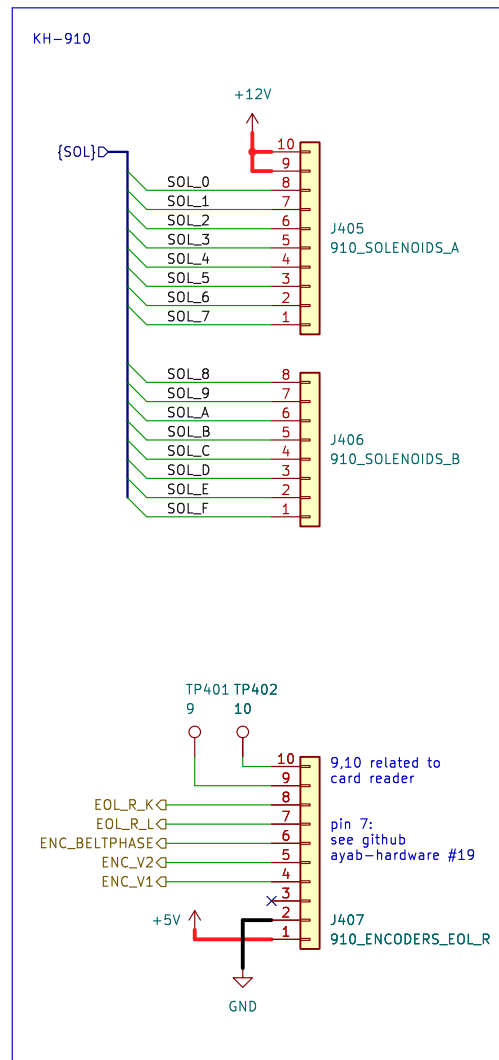
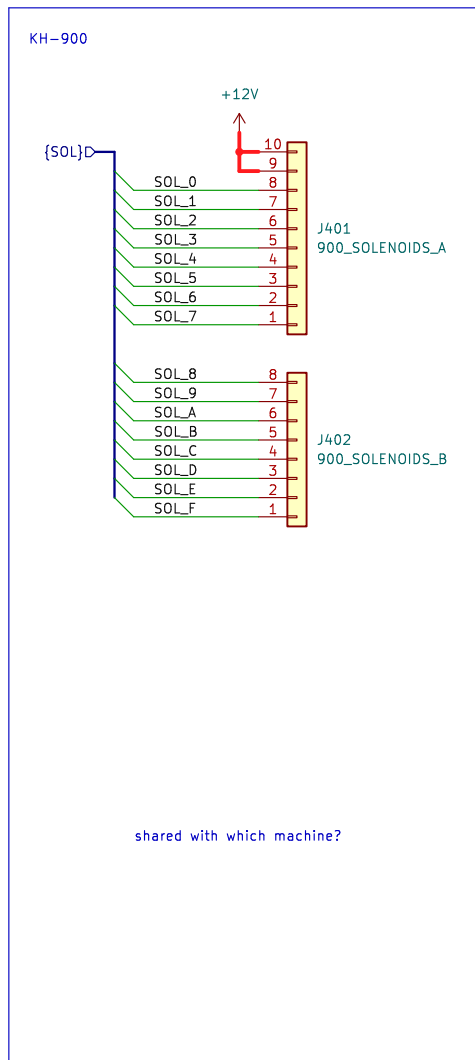
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Size: A4 Date: 2023-07-17

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Sheet: /CONNECTORS/
File: connectors.kicad_sch

Title: CONNECTORS

Size: A4	Date: .
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Size: A4	Date: 2023-07-17
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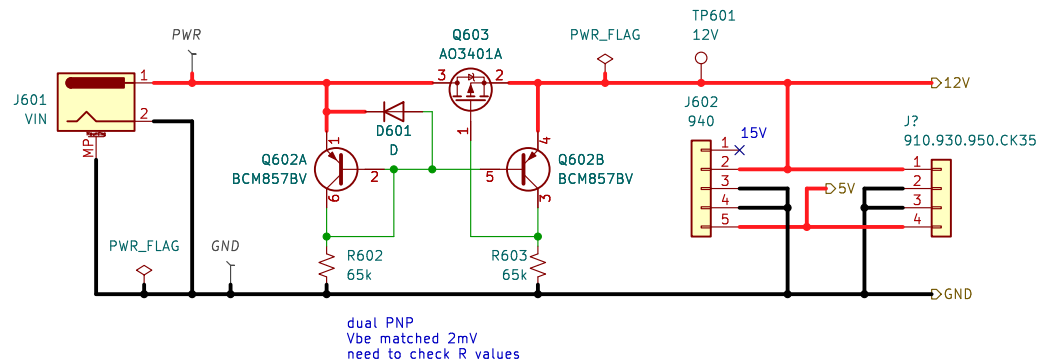
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Rev: 0.1

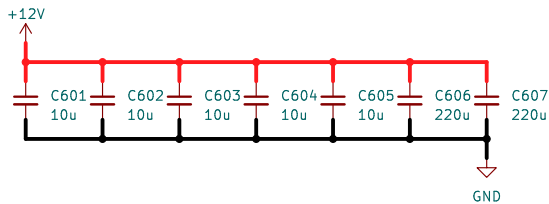
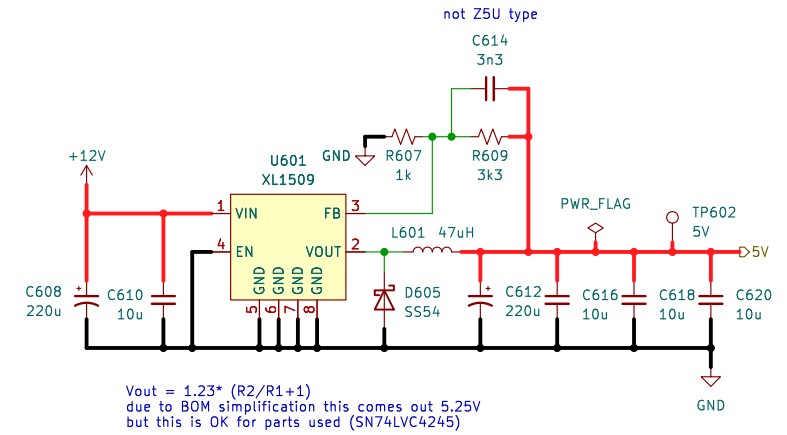
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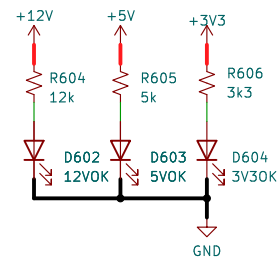
BARREL JACK / BROTHER INPUT
POLARITY PROTECTION
ZERO VOLT DIODE



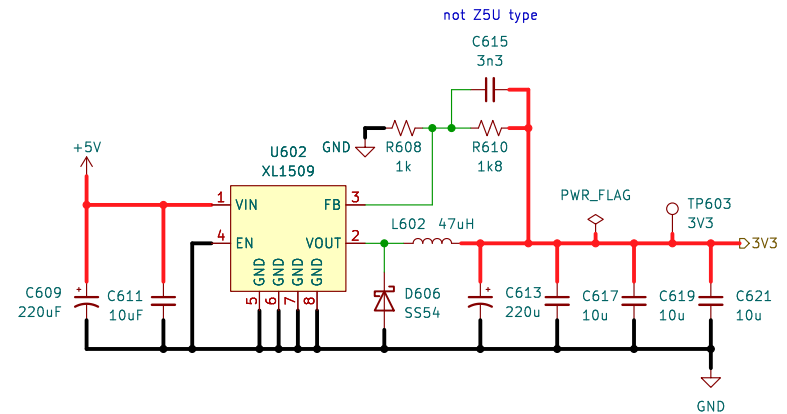
5V SUPPLY



INDICATORS



3V3 SUPPLY



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Sheet: /PSU/
File: psu.kicad_sch

Title: POWER SUPPLY

Size: A4 Date: 2023-07-17
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Rev: 0.1
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