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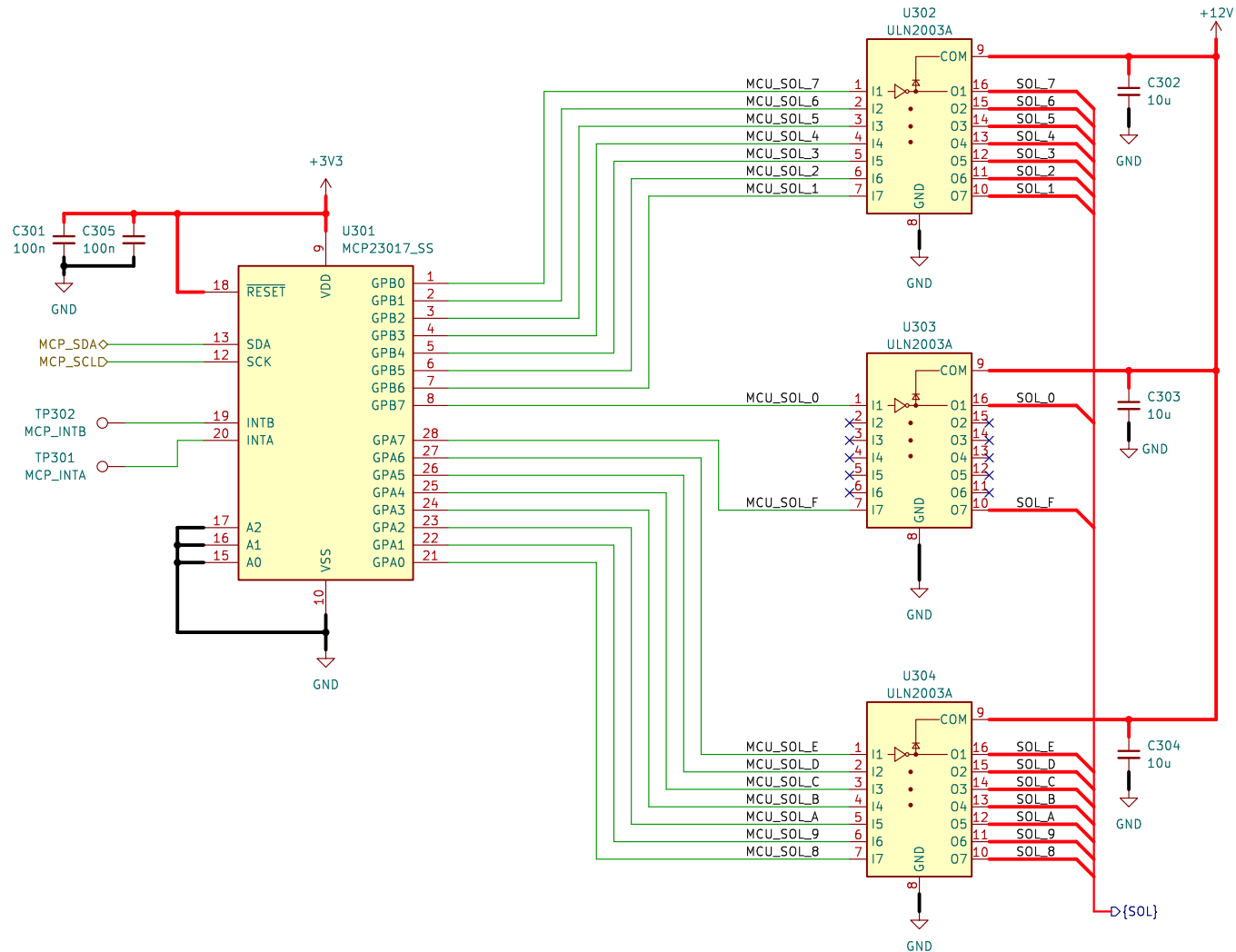
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File: ayab-esp32.kicad_sch

Title: AYAB-ESP32 overview

Size: A4 Date: 2023-07-17
KiCad E.D.A. kicad 7.0.10

Rev: 0.1
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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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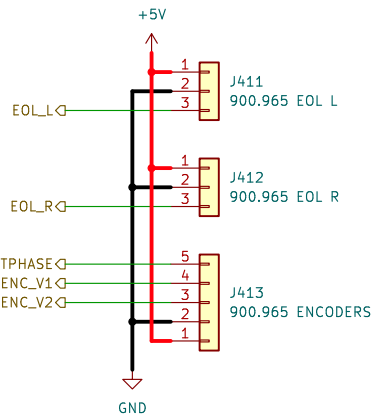
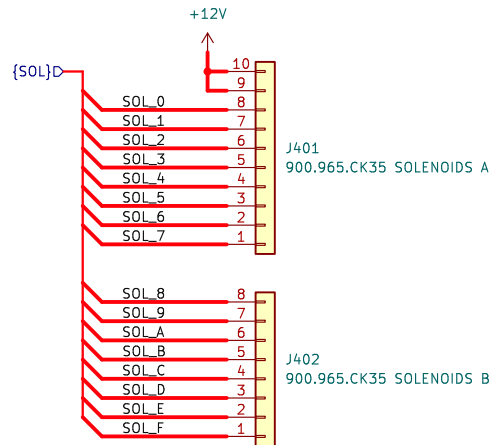
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Title: SOLENOID DRIVERS

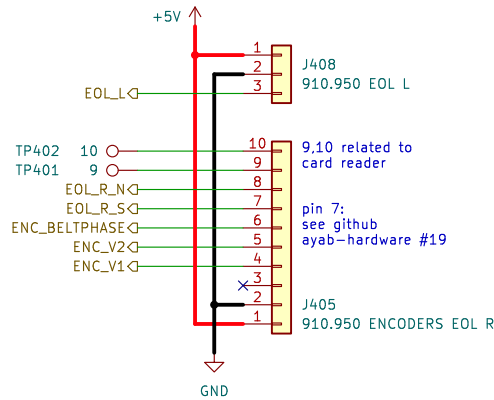
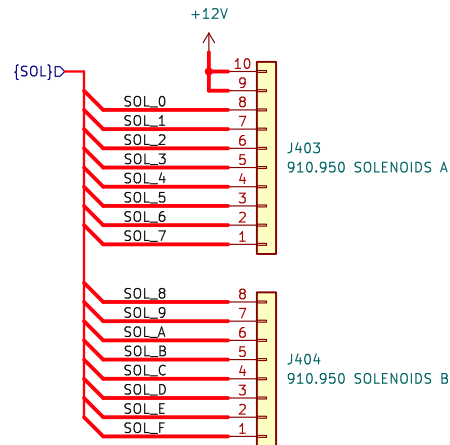
Size: A4 Date: 2023-07-17
KiCad E.D.A. kicad 7.0.10

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Id: 3/8

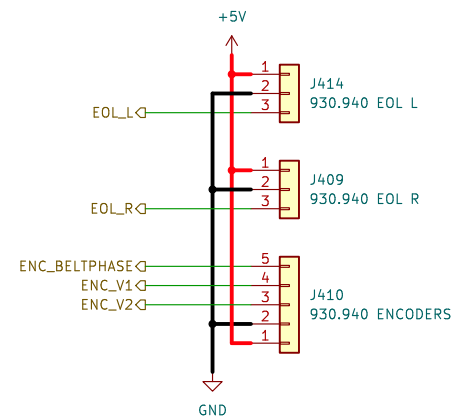
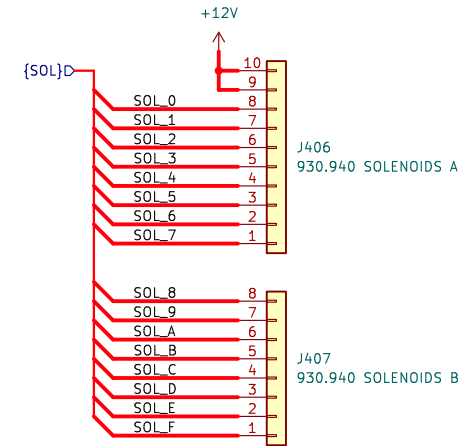
KH-900, 965, CK35



KH-910, 950



KH-930, 940



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Sheet: /BROTHER-CONNECTORS/
File: brother-connectors.kicad_sch

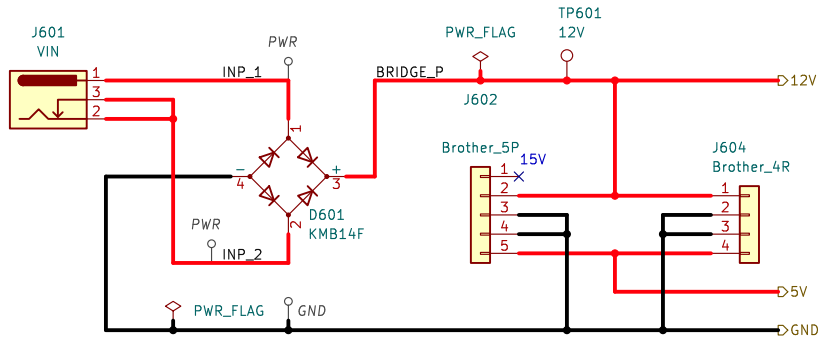
Title: CONNECTORS

Size: A4 Date: 2023-07-17
KiCad E.D.A. kicad 7.0.10

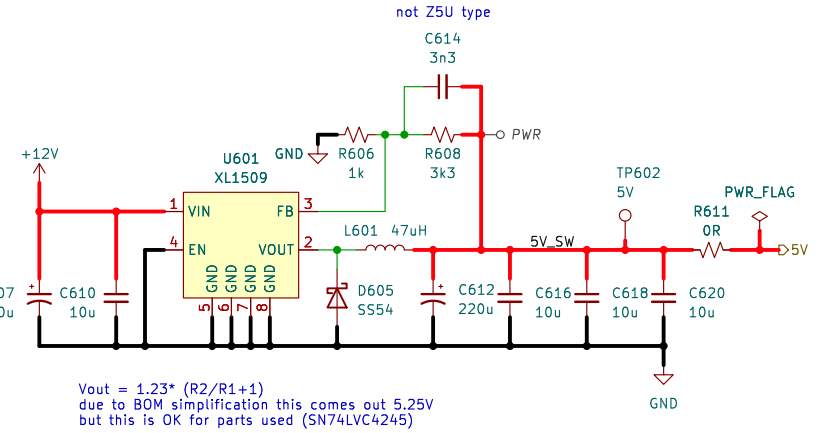
Rev: 0.1
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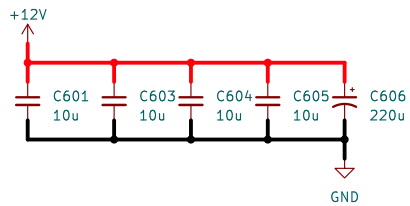
BARREL JACK / BROTHER INPUT
POLARITY PROTECTION
ZERO VOLT DIODE



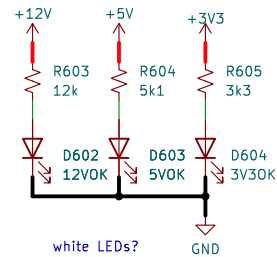
5V SUPPLY



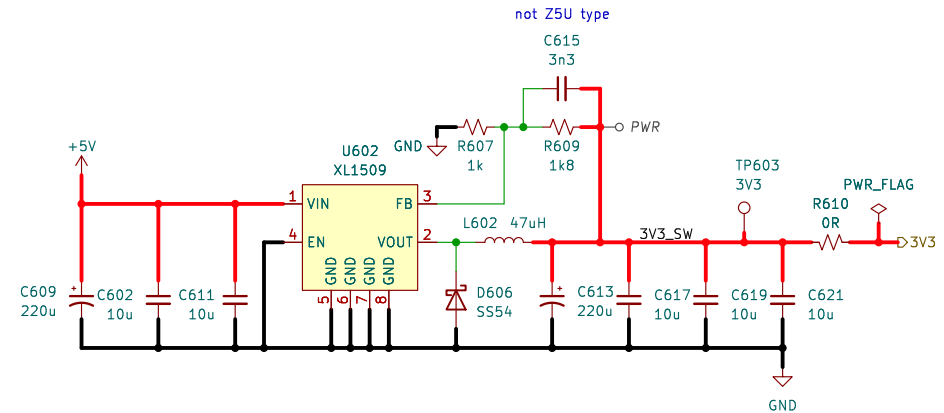
BULK CAPACITANCE



INDICATORS



3V3 SUPPLY



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Sheet: /PSU/
File: psu.kicad_sch

Title: POWER SUPPLY

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Rev: 0.1
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