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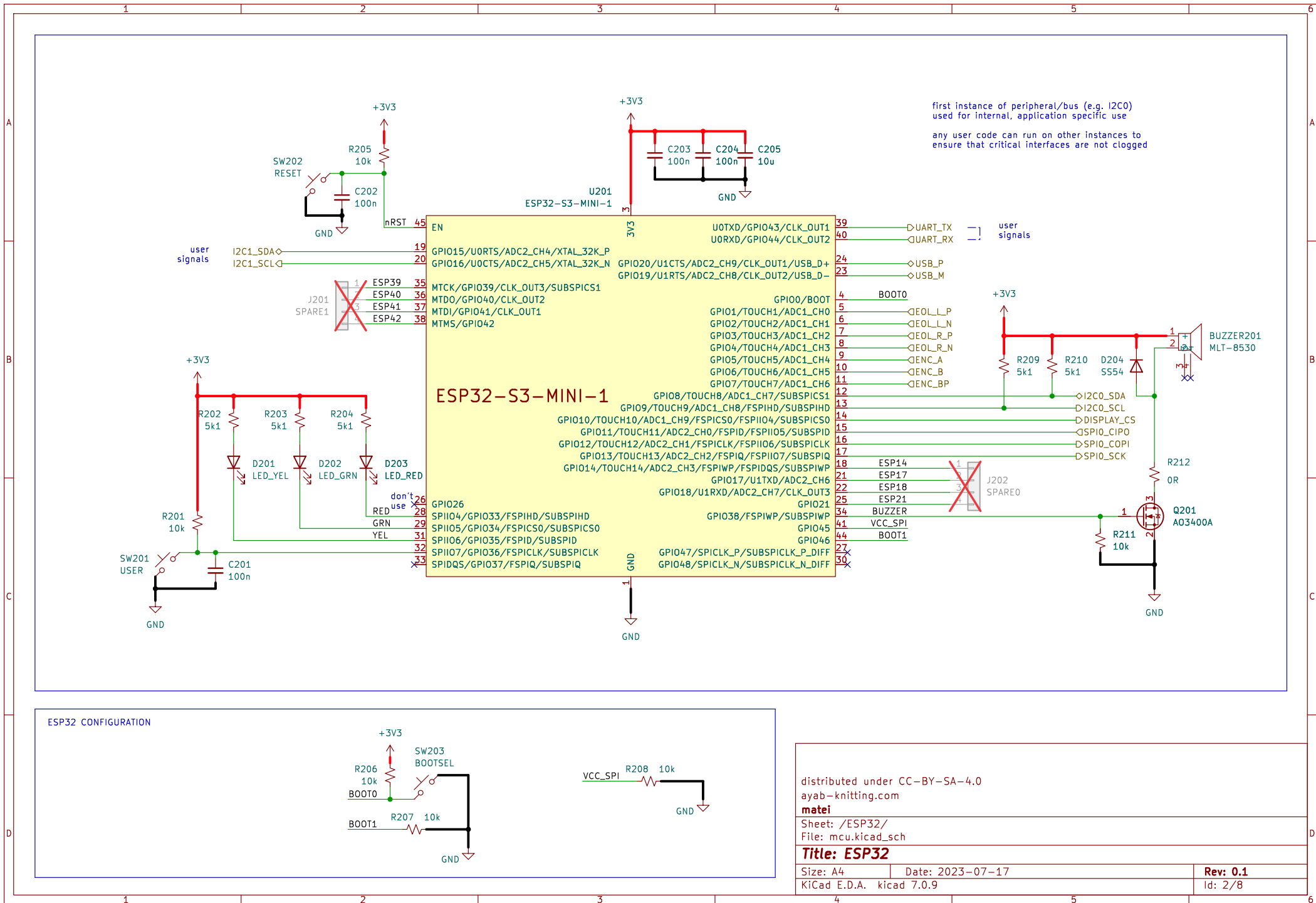


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Title: AYAB-ESP32 overview

Size: A4 Date: 2023-07-17
 KiCad E.D.A. kicad 7.0.9

Rev: 0.1
 Id: 1/8



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Sheet: /ESP32/

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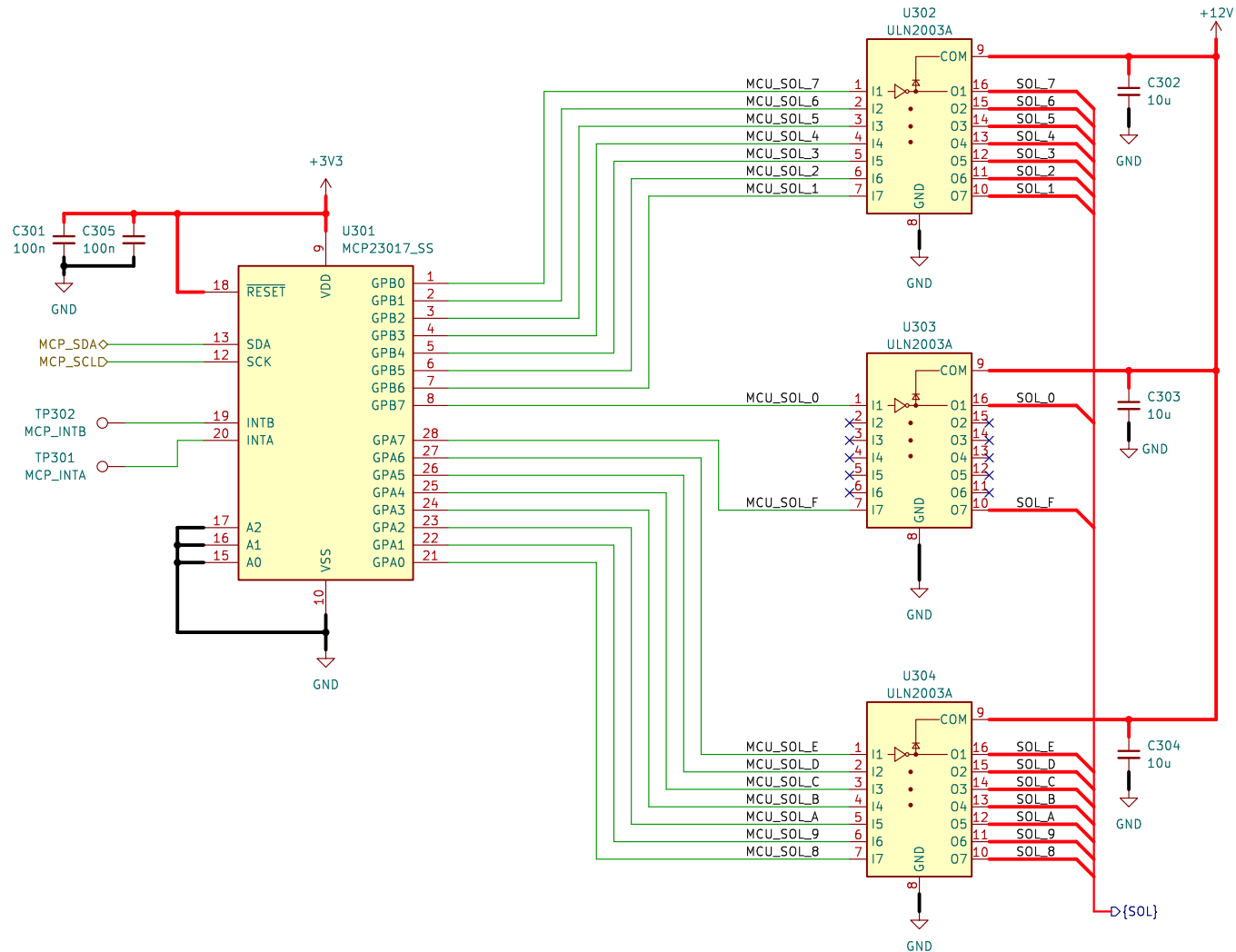
Date: 2023-07-17

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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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Sheet: /SOLENOID DRIVERS/

File: solenoids.kicad_sch

Title: SOLENOID DRIVERS

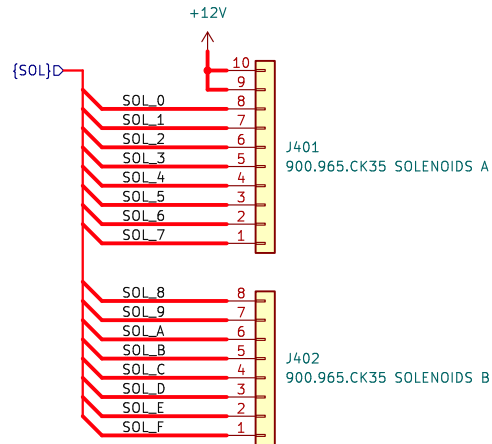
Size: A4 Date: 2023-07-17

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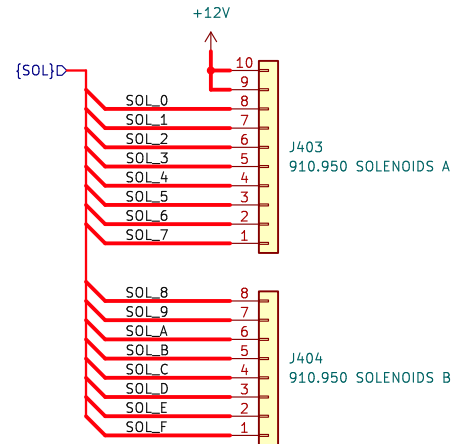
Rev: 0.1

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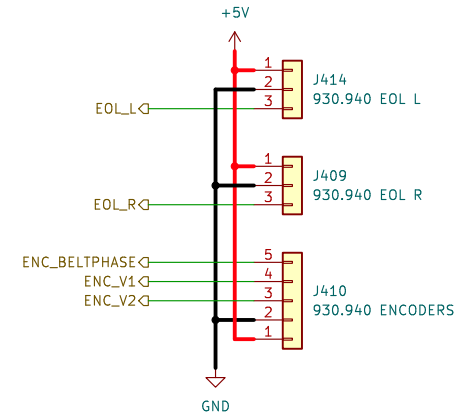
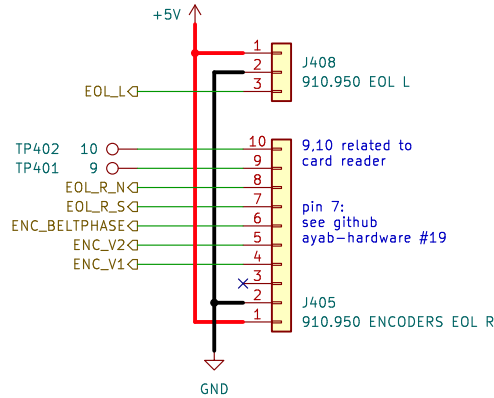
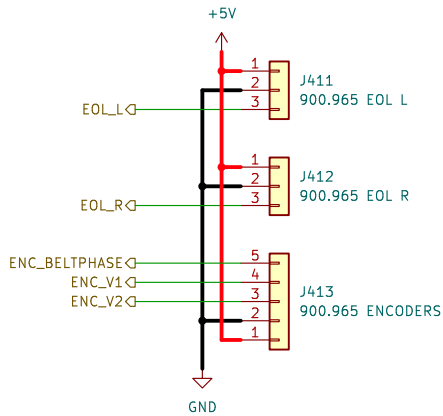
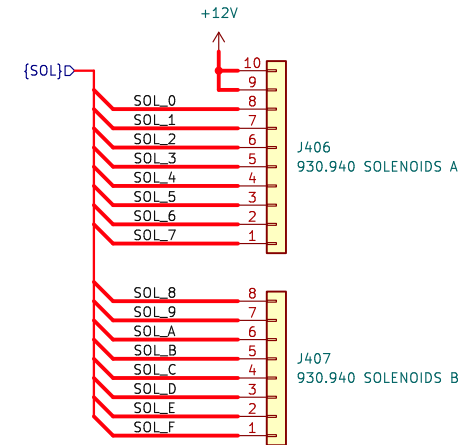
KH-900, 965, CK35



KH-910, 950



KH-930, 940



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

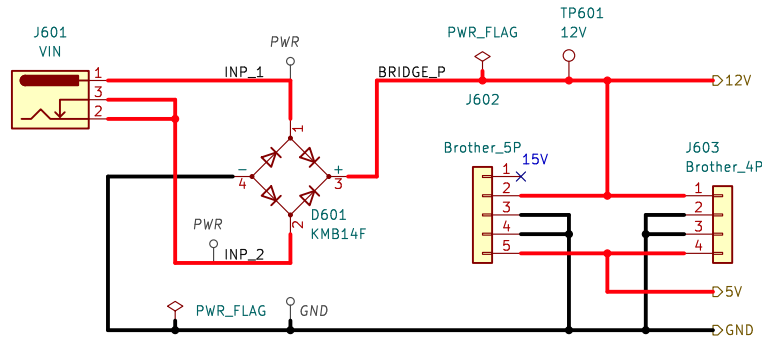
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Size: A4 Date: 2023-07-17
KiCad E.D.A. kicad 7.0.9

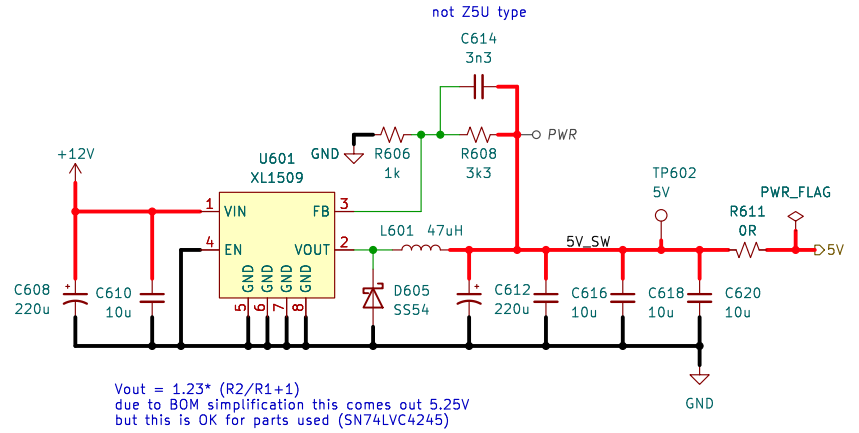
Rev: 0.1
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Id: 5/8

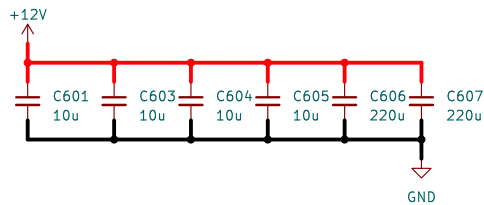
BARREL JACK / BROTHER INPUT
POLARITY PROTECTION
ZERO VOLT DIODE



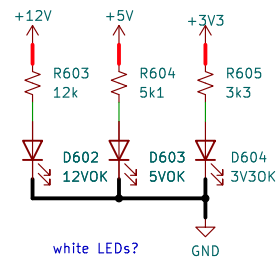
5V SUPPLY



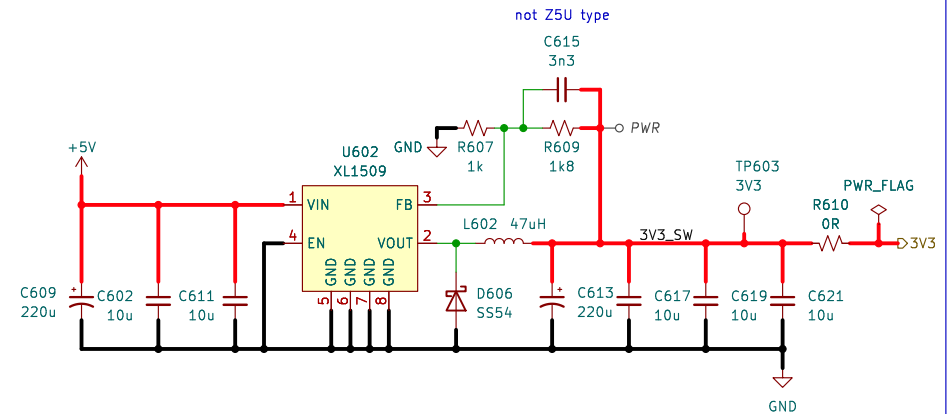
BULK CAPACITANCE



INDICATORS



3V3 SUPPLY



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Sheet: /PSU/
File: psu.kicad_sch

Title: POWER SUPPLY

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