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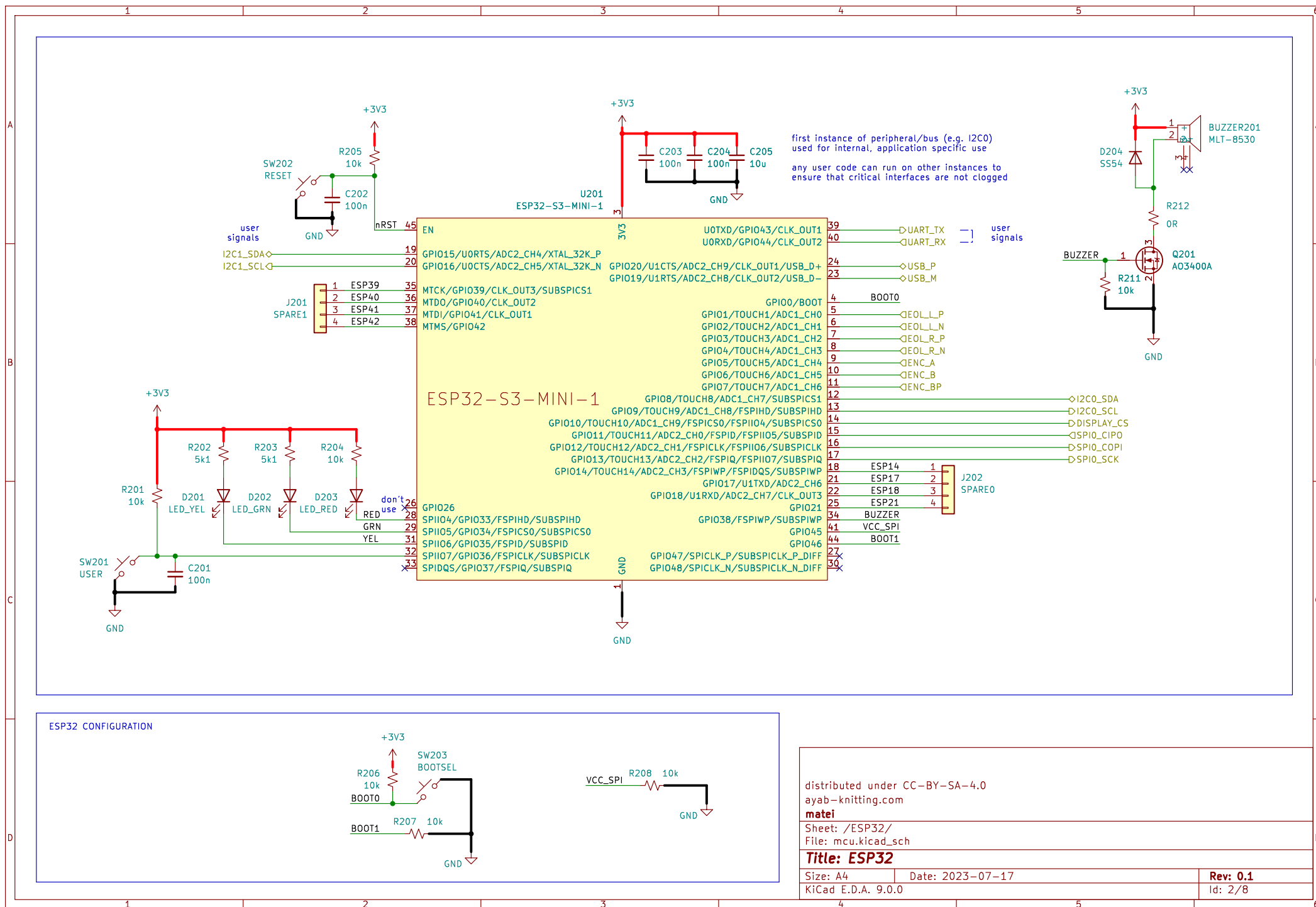


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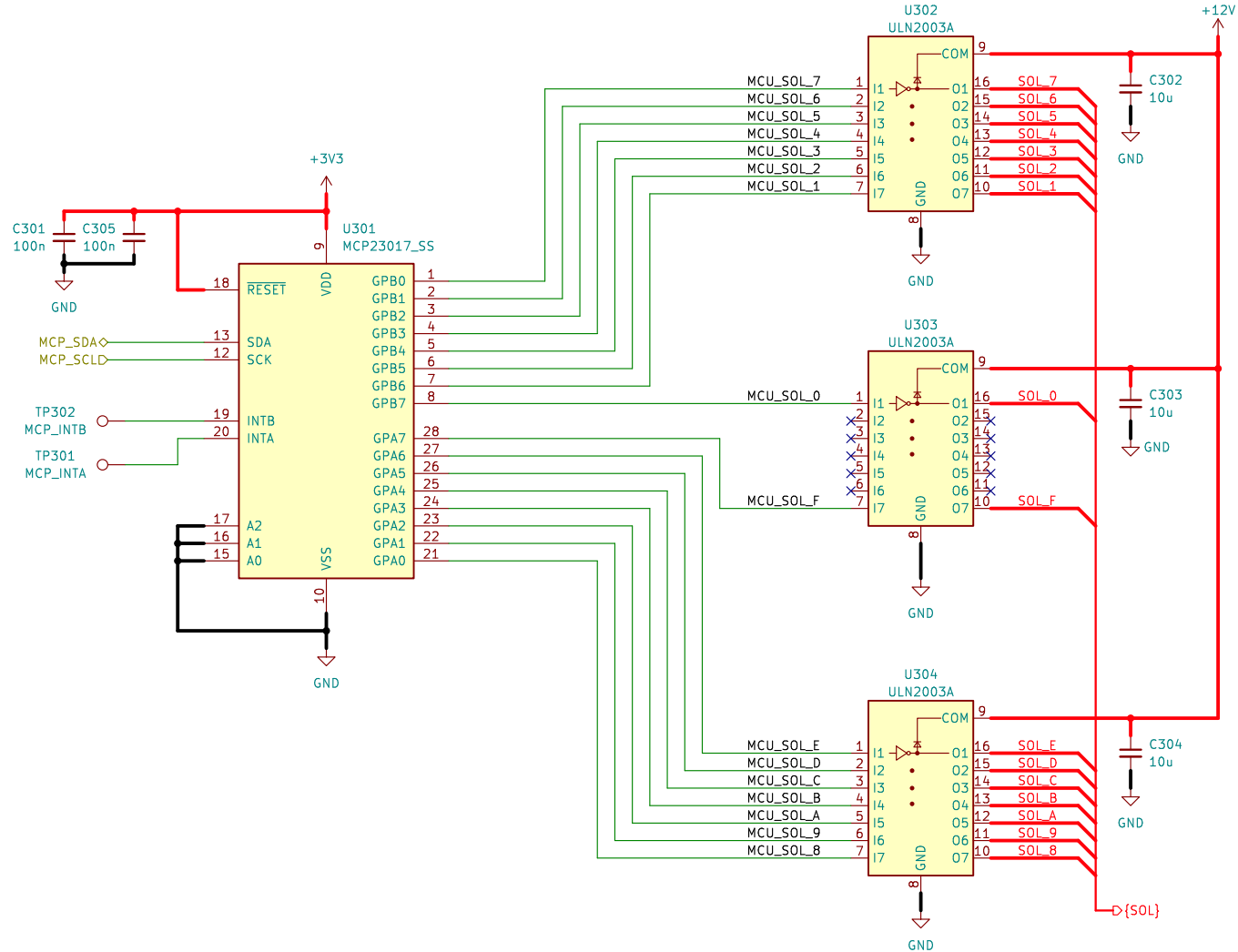
**Title: AYAB-ESP32 overview**

Size: A4 Date: 2023-07-17  
 KiCad E.D.A. 9.0.0

Rev: 0.1  
 Id: 1/8



# 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

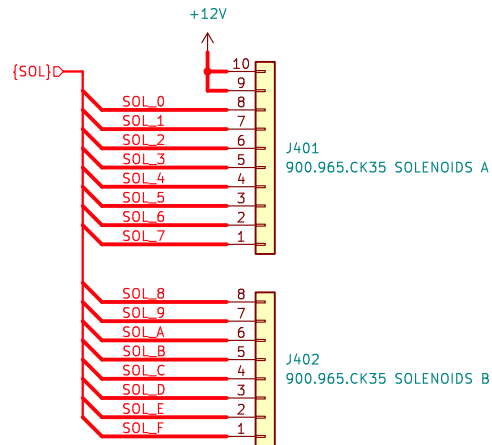
Date: 2023-07-17

KiCad E.D.A. 9.0.0

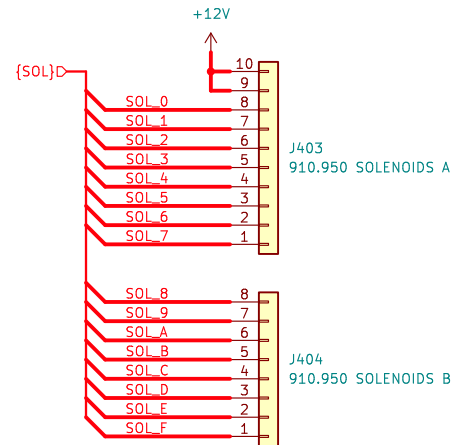
**Rev: 0.1**

Id: 3/8

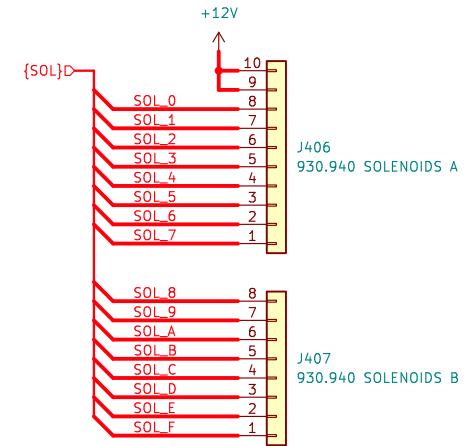
KH-900, 965, CK35



KH-910, 950



KH-930, 940



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File: brother-connectors.kicad\_sch

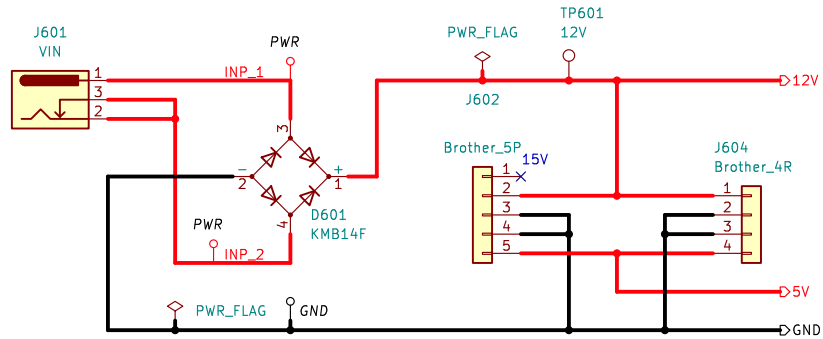
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Size: A4 Date: 2023-07-17  
KiCad E.D.A. 9.0.0

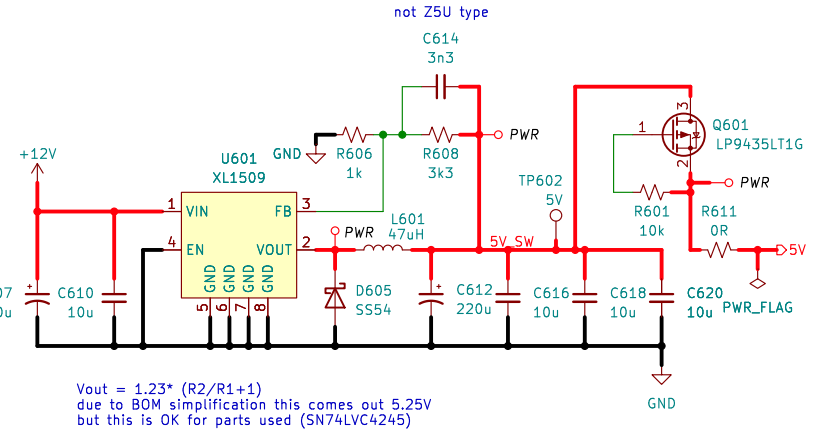
Rev: 0.1  
Id: 4/8



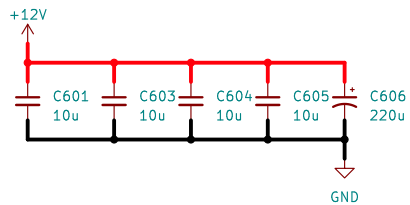
BARREL JACK / BROTHER INPUT  
POLARITY PROTECTION  
ZERO VOLT DIODE



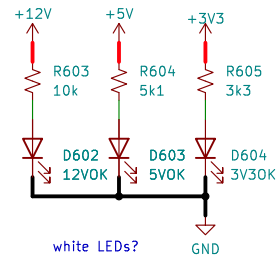
5V SUPPLY



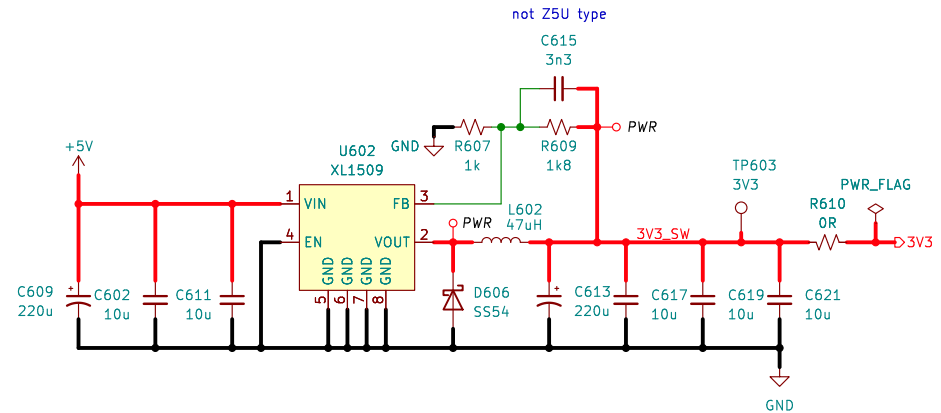
BULK CAPACITANCE



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**

Id: 6/8

