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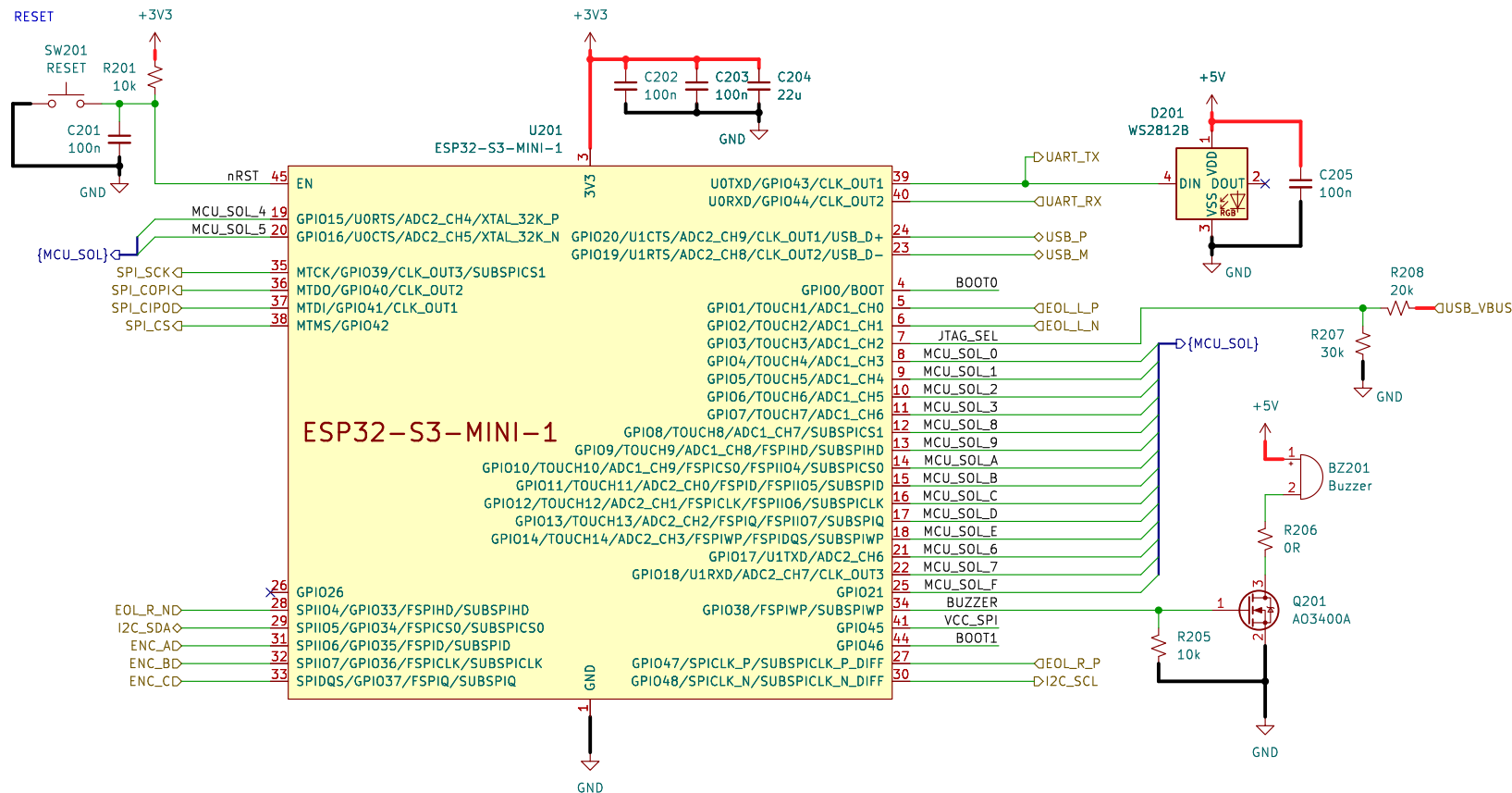
**matei**

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File: ayab–esp32.kicad\_sch

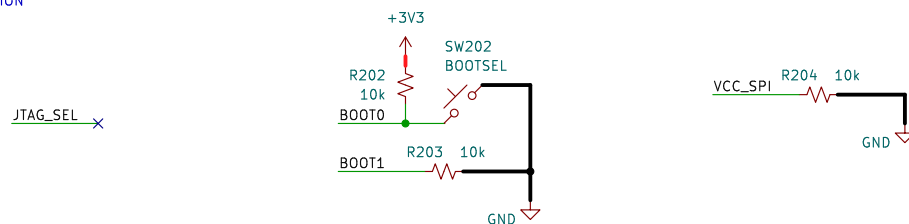
**Title: AYAB–ESP32 overview**

Size: A4 Date: 2023–07–17  
KiCad E.D.A. kicad 7.0.5–0

**Rev: 0.1**  
Id: 1/7



#### ESP32 CONFIGURATION



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**matei**

Sheet: /ESP32/

File: mcu.kicad\_sch

**Title: ESP32**

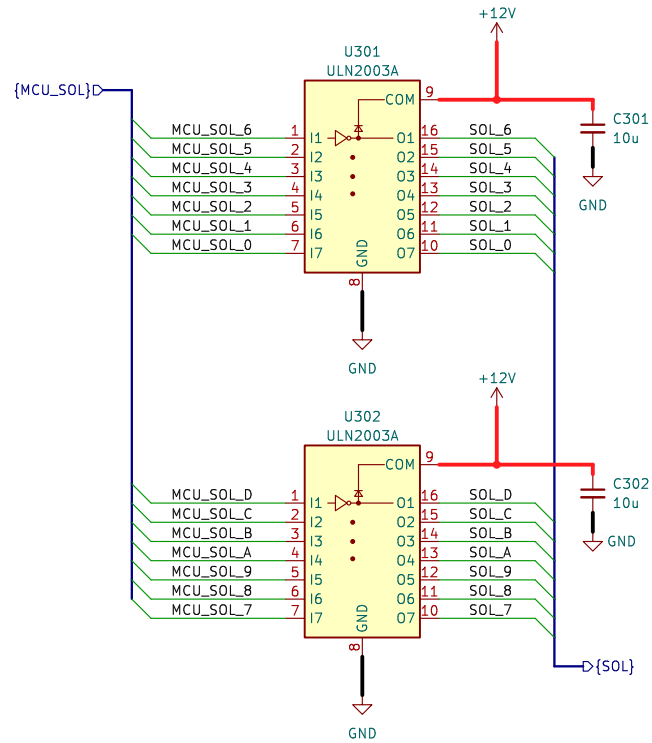
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KiCad E.D.A. kicad 7.0.5-0

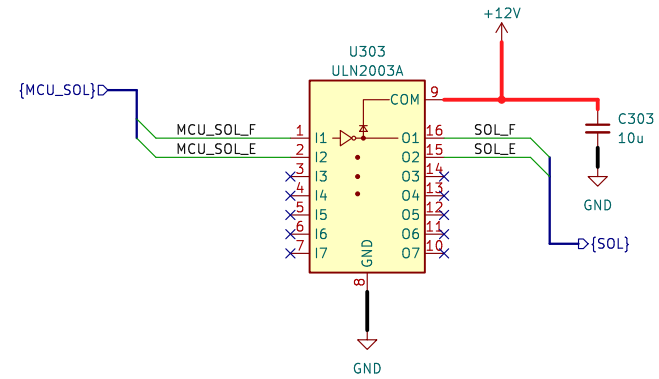
**Rev: 0.1**

Id: 2/7

# SOLENOID DRIVERS



unmodified machine is 26W  
assuming all power is  
used by solenoids ~ 130mA each  
ULN2003A max current 500mA each



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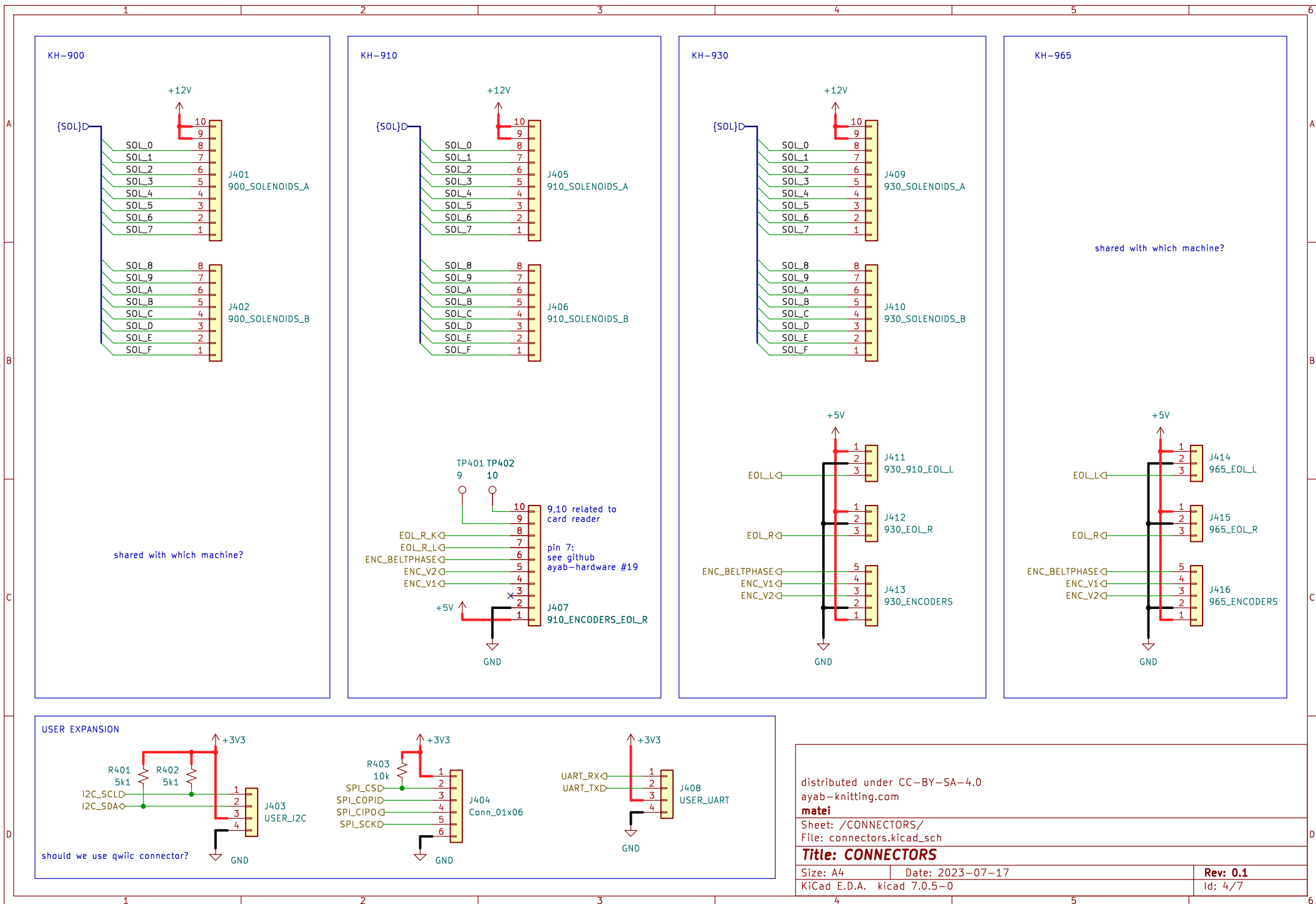
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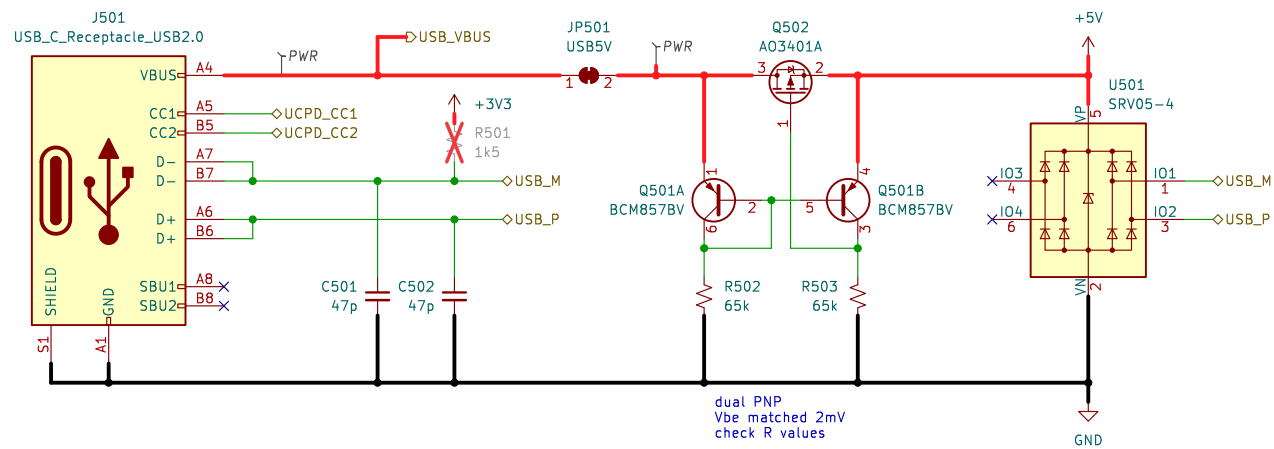
Sheet: /SOLENOID DRIVERS/  
File: solenoids.kicad\_sch

**Title: SOLENOID DRIVERS**

Size: A4 Date: 2023-07-17  
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Sheet: /USB/

File: usb.kicad\_sch

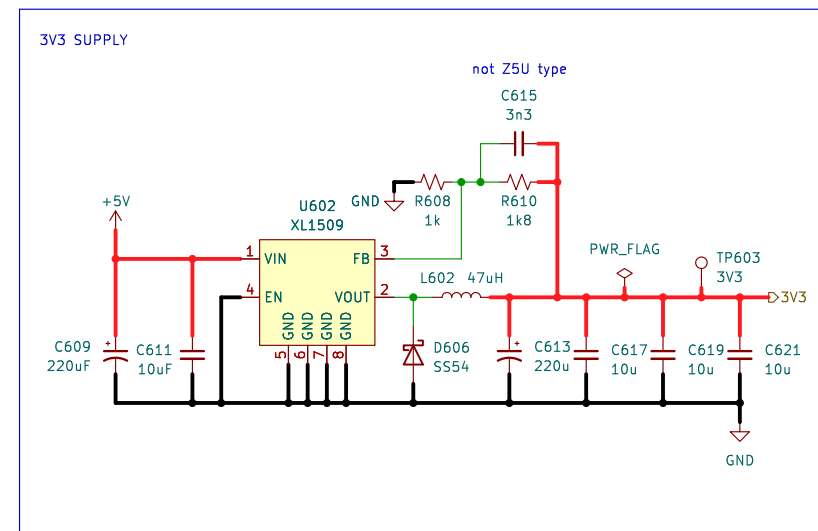
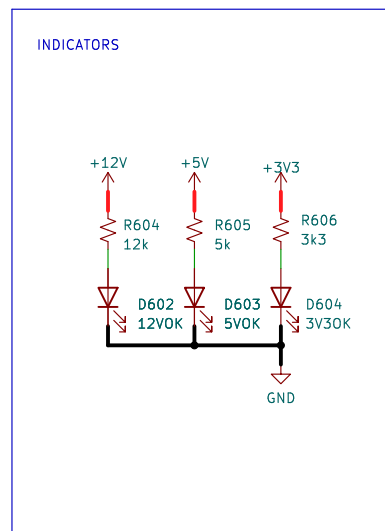
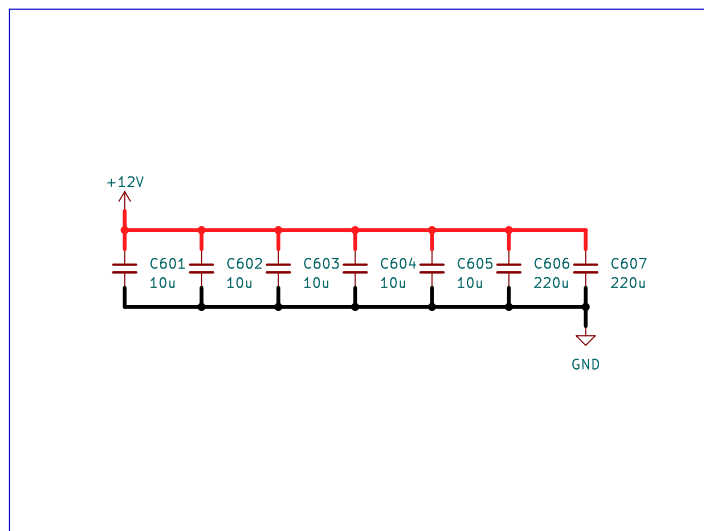
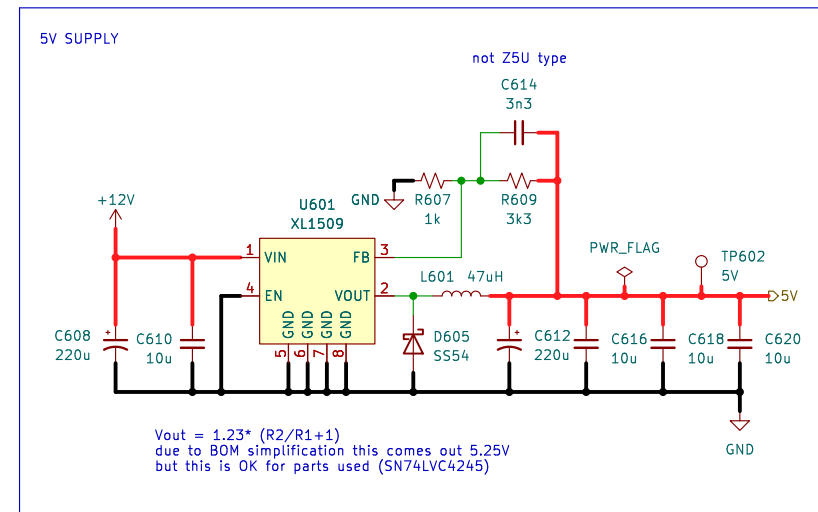
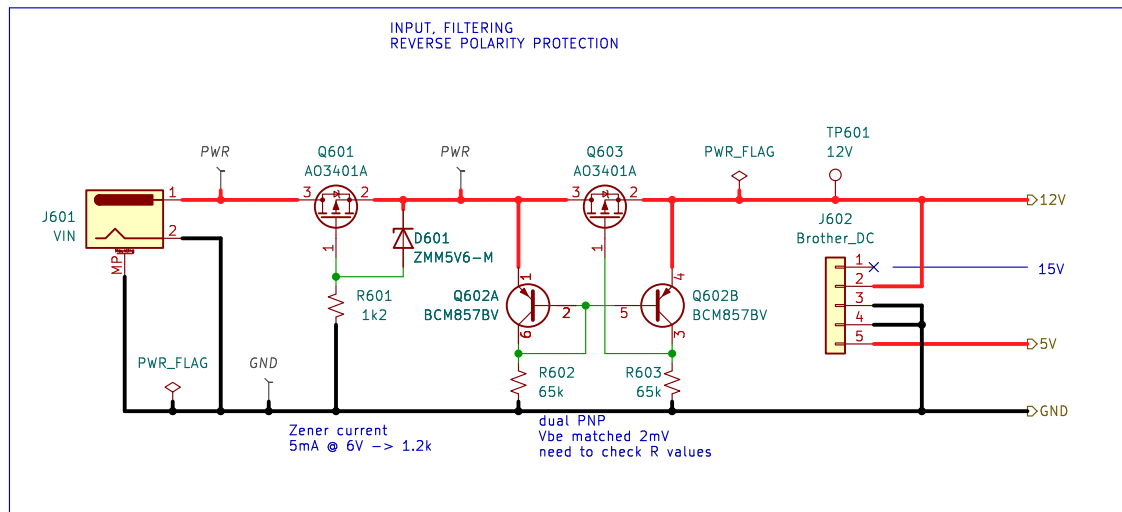
**Title: USB & ESD**

Size: A4 Date: 2023-07-17

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**Rev: 0.1**

Id: 5/7



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Sheet: /PSU/

File: psu.kicad\_sch

**Title: POWER SUPPLY**

Size: A4

Date: 2023-07-17

KiCad E.D.A. kicad 7.0.5-0

**Rev: 0.1**

Id: 6/7

