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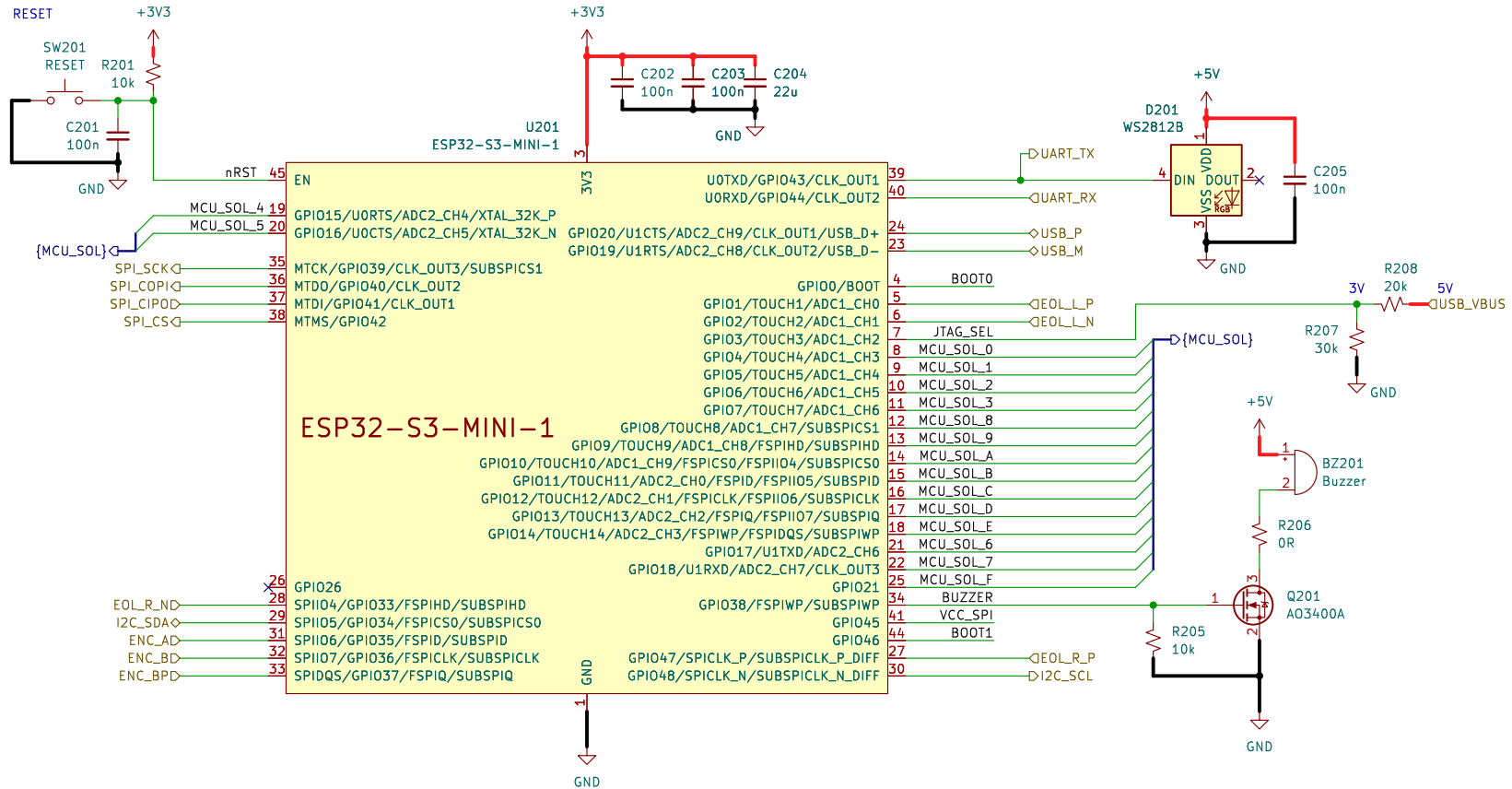
Sheet: /
 File: ayab–esp32.kicad_sch

Title: AYAB–ESP32 overview

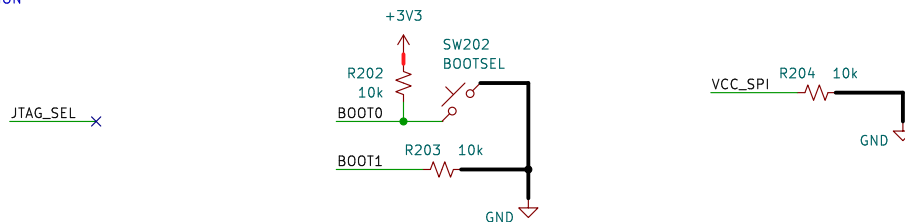
Size: A4 Date: 2023–07–17
 KiCad E.D.A. kicad 7.0.5–0



Rev: 0.1
 Id: 1/7



ESP32 CONFIGURATION



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Sheet: /ESP32/

File: mcu.kicad_sch

Title: ESP32

Size: A4

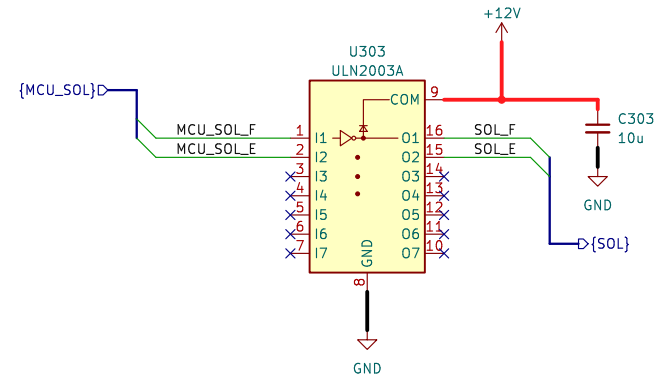
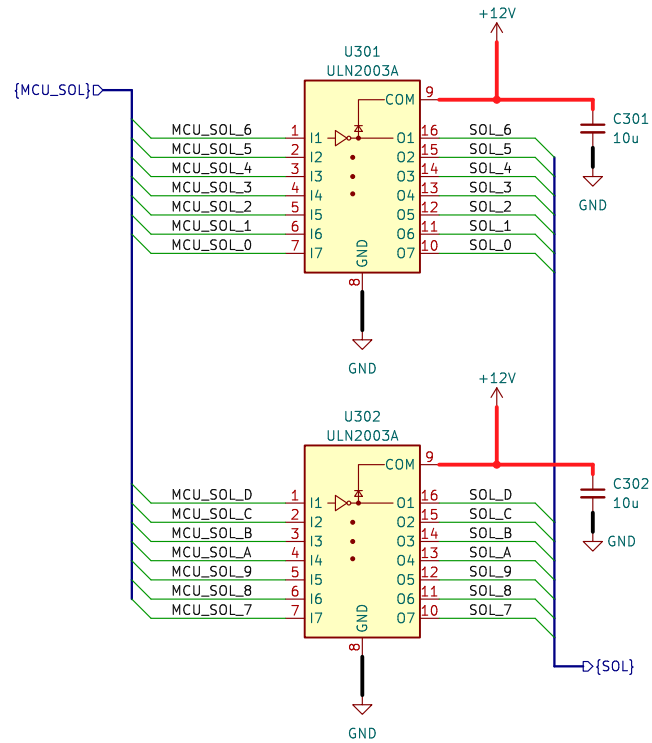
Date: 2023-07-17

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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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Sheet: /SOLENOID DRIVERS/
File: solenoids.kicad_sch

Title: SOLENOID DRIVERS

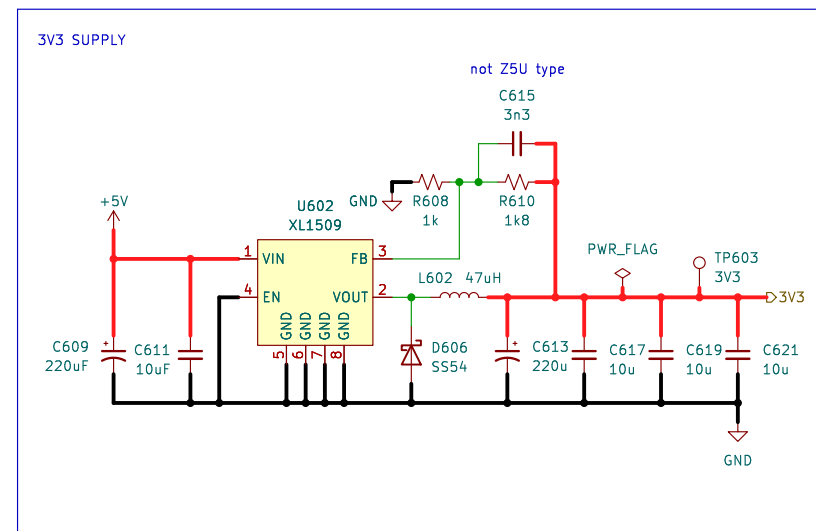
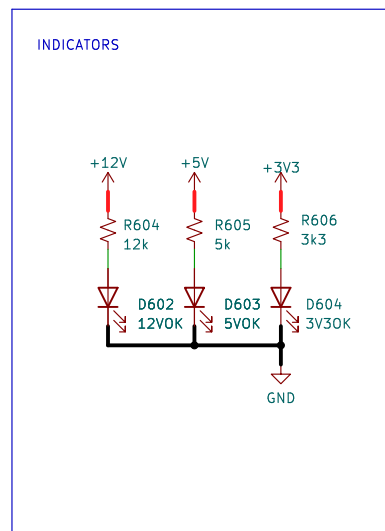
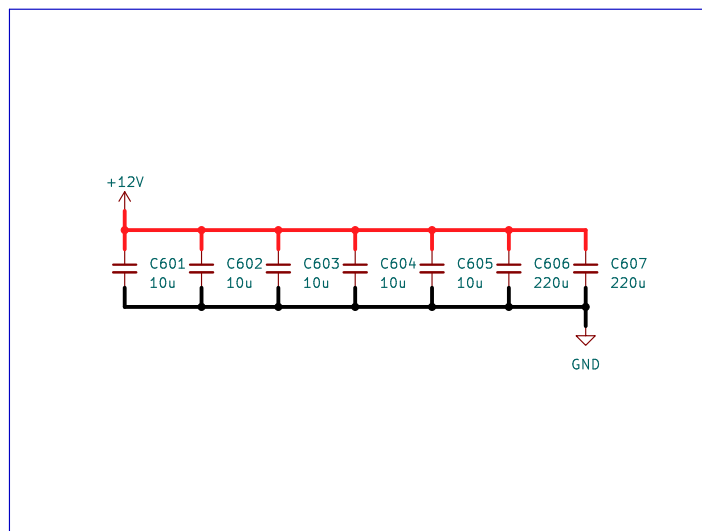
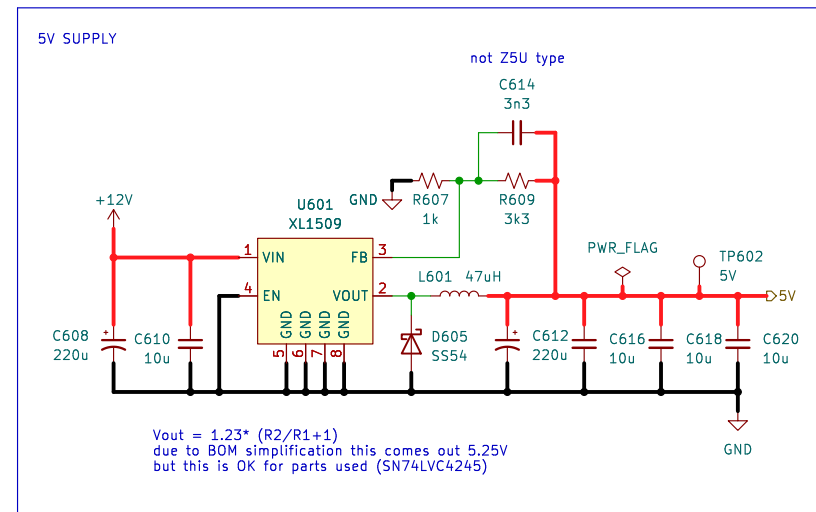
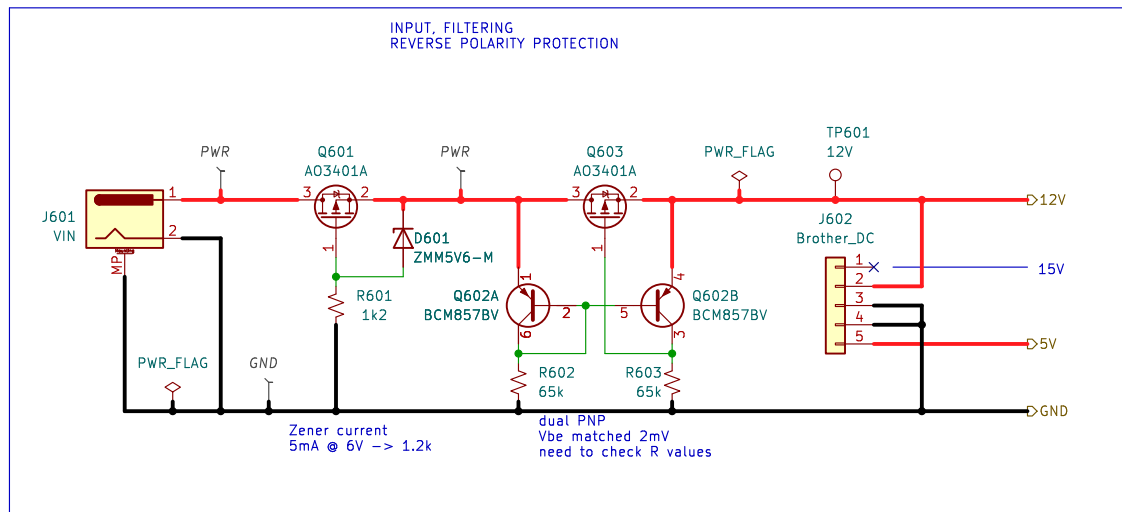
Size: A4 Date: 2023-07-17

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Sheet: /PSU/

File: psu.kicad_sch

Title: POWER SUPPLY

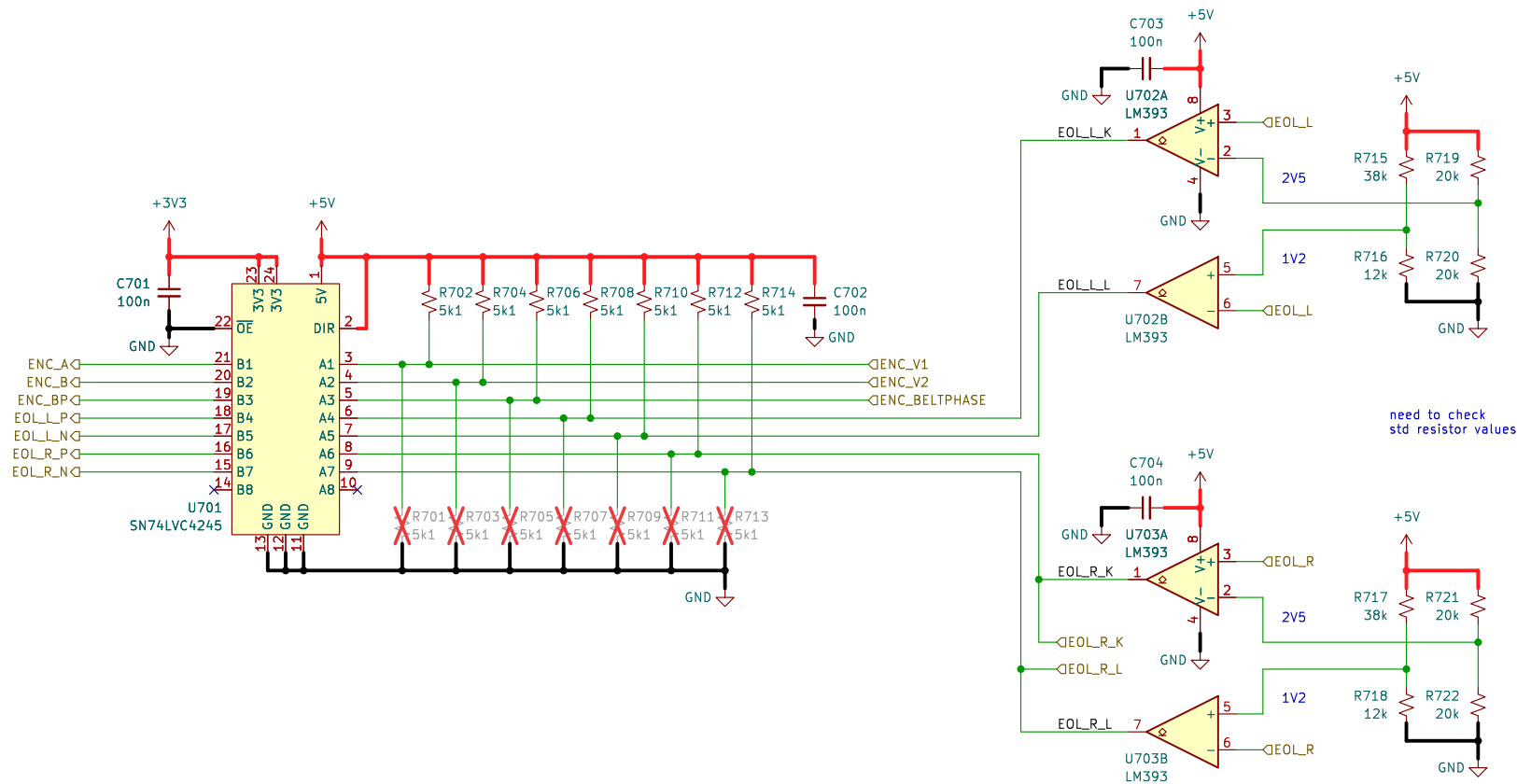
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Sheet: /IO CONDITIONING/
File: ioconditioning.kicad_sch

Title: I/O CONDITIONING

Size: A4 Date: 2023-07-27
KiCad E.D.A. kicad 7.0.5-0

Rev: 0.1
Id: 7/7