

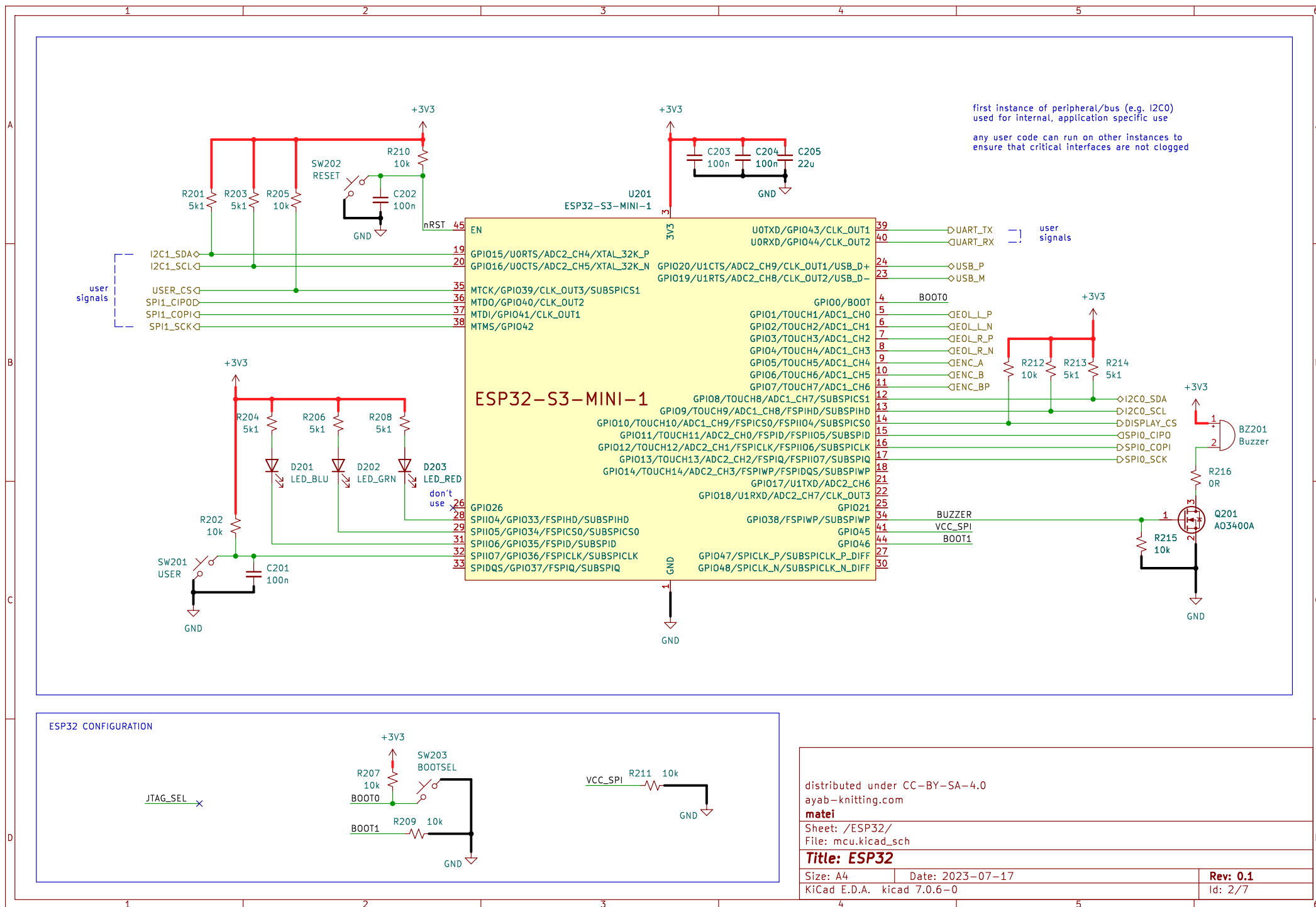
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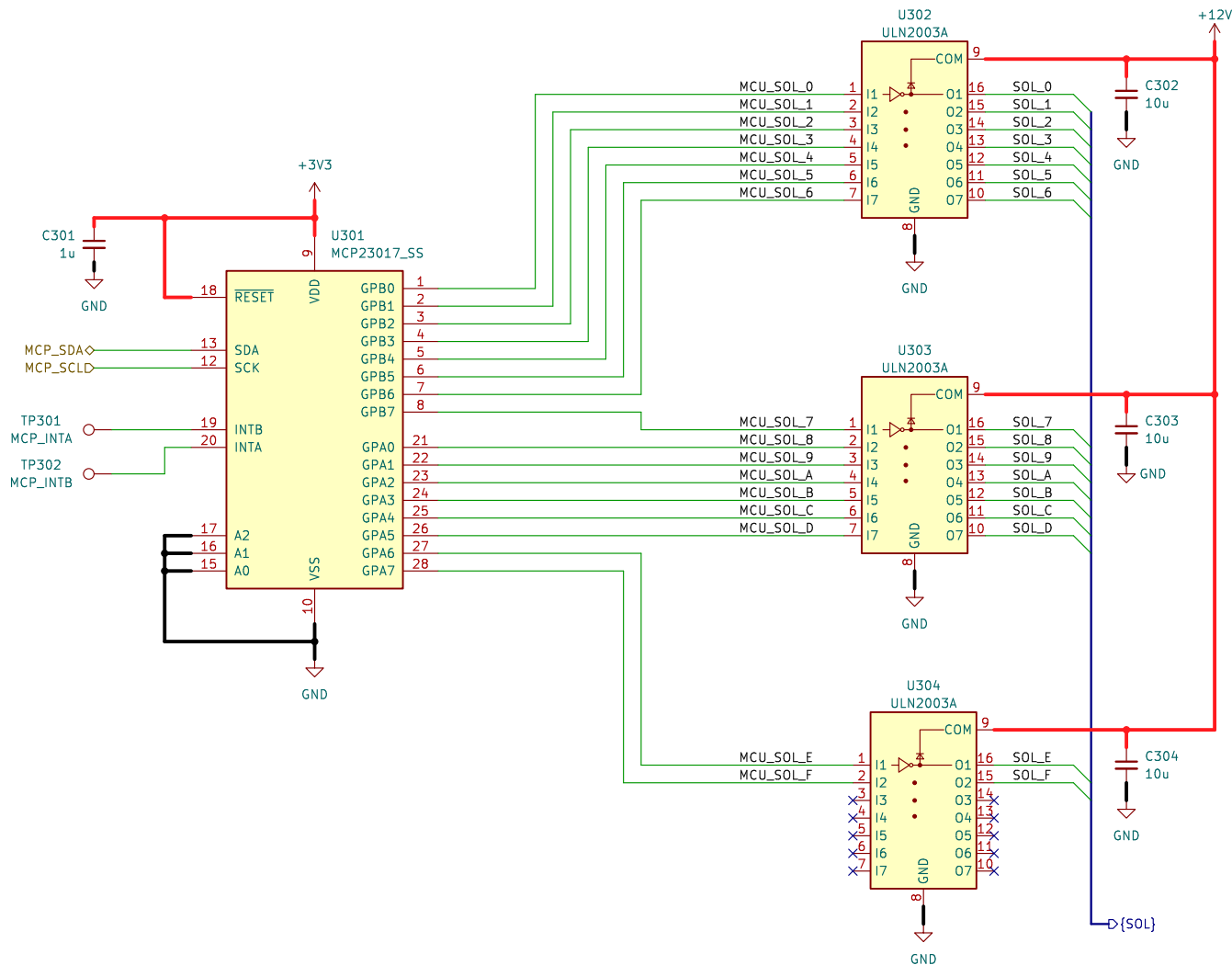
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Size: A4	Date: 2023-07-17	Rev: 0.1
KiCad E.D.A. kicad 7.0.6-0		Id: 1/7





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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File: solenoids.kicad_sch

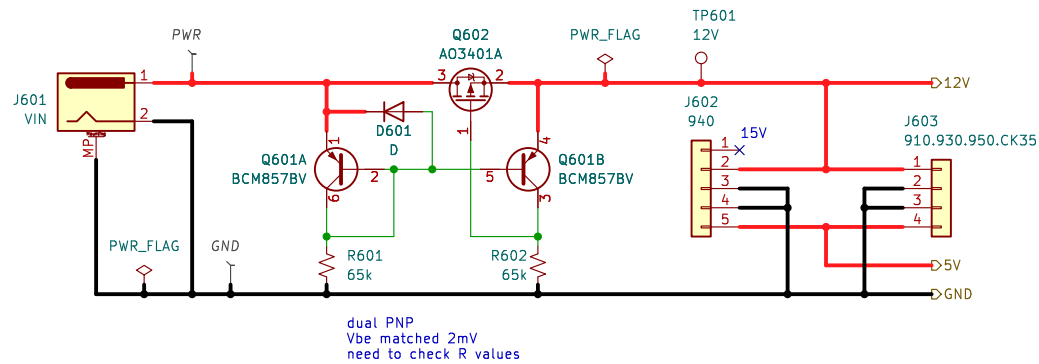
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Size: A4 Date: 2023-07-17
KiCad E.D.A. kicad 7.0.6-0

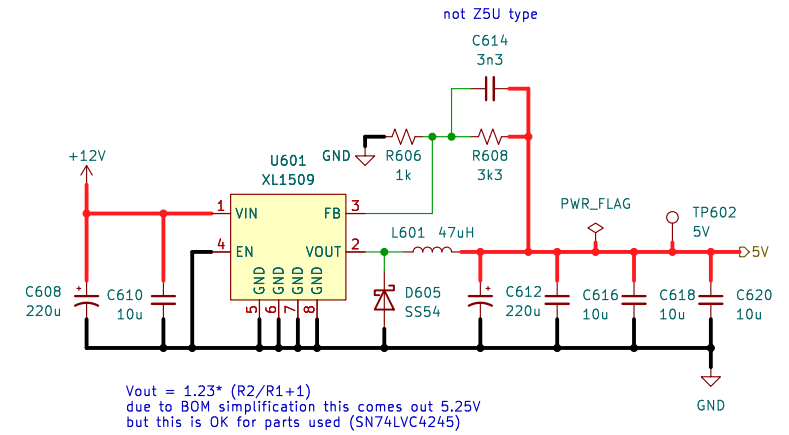
Rev: 0.1
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Id: 5/7

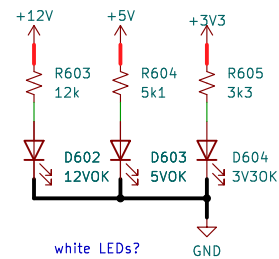
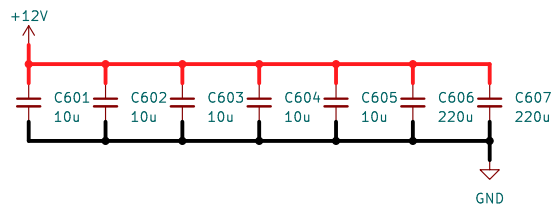
BARREL JACK / BROTHER INPUT
POLARITY PROTECTION
ZERO VOLT DIODE



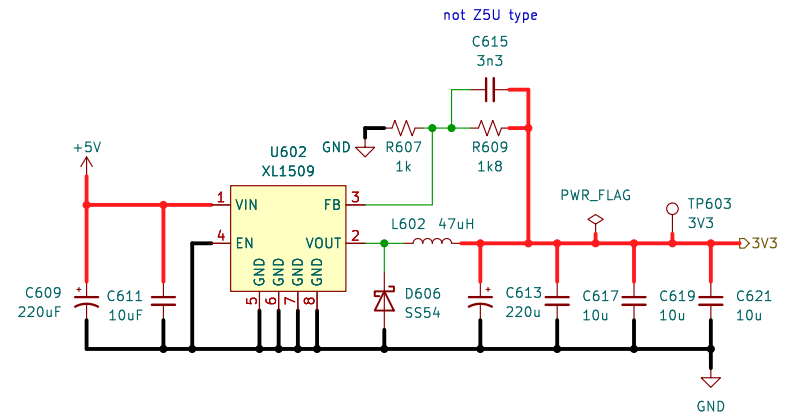
5V SUPPLY



INDICATORS



3V3 SUPPLY



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Sheet: /PSU/

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Title: POWER SUPPLY

Size: A4

Date: 2023-07-17

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Rev: 0.1

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Id: 7/7