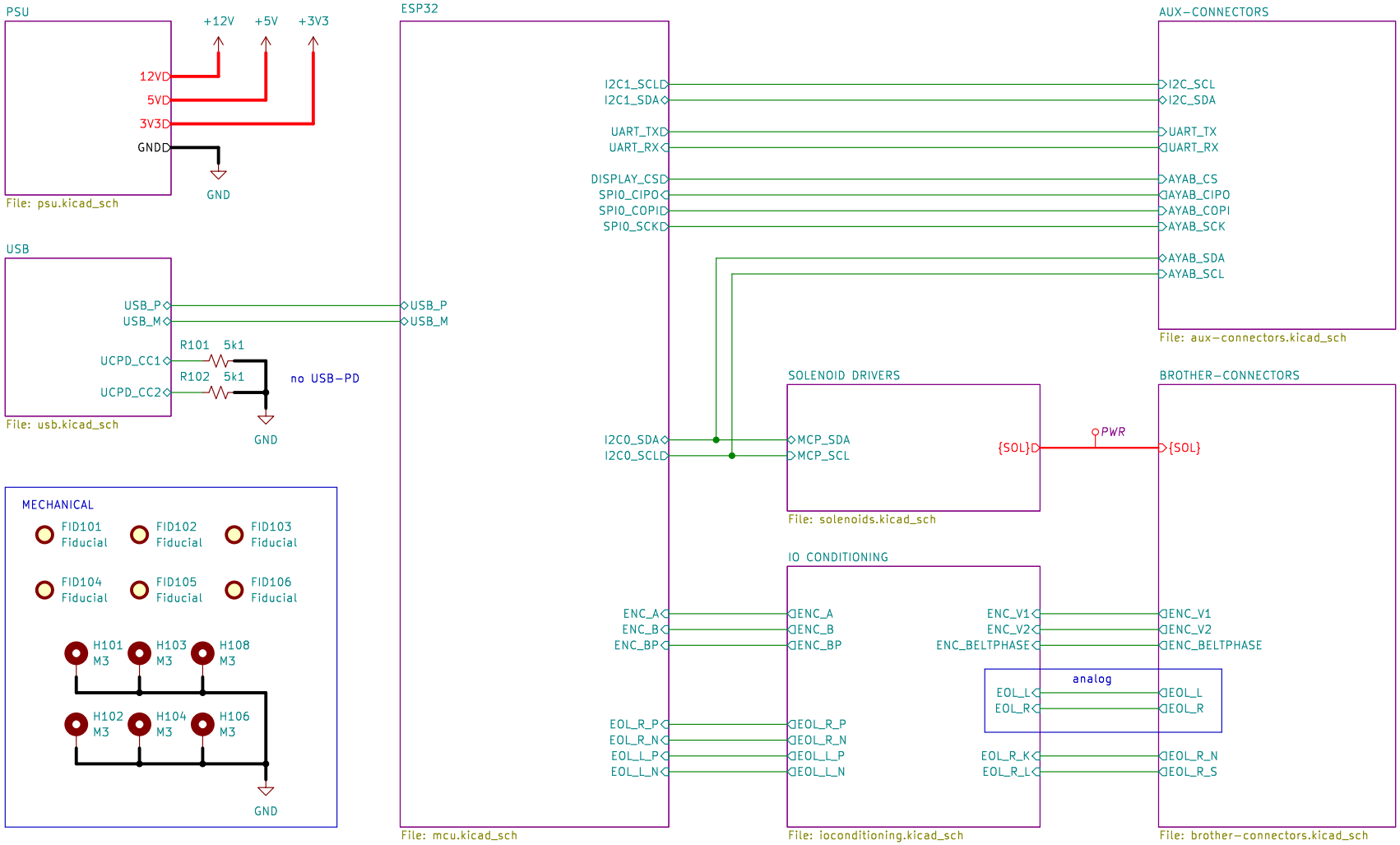

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all yarns are beautiful

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File: ayab-esp32.kicad_sch

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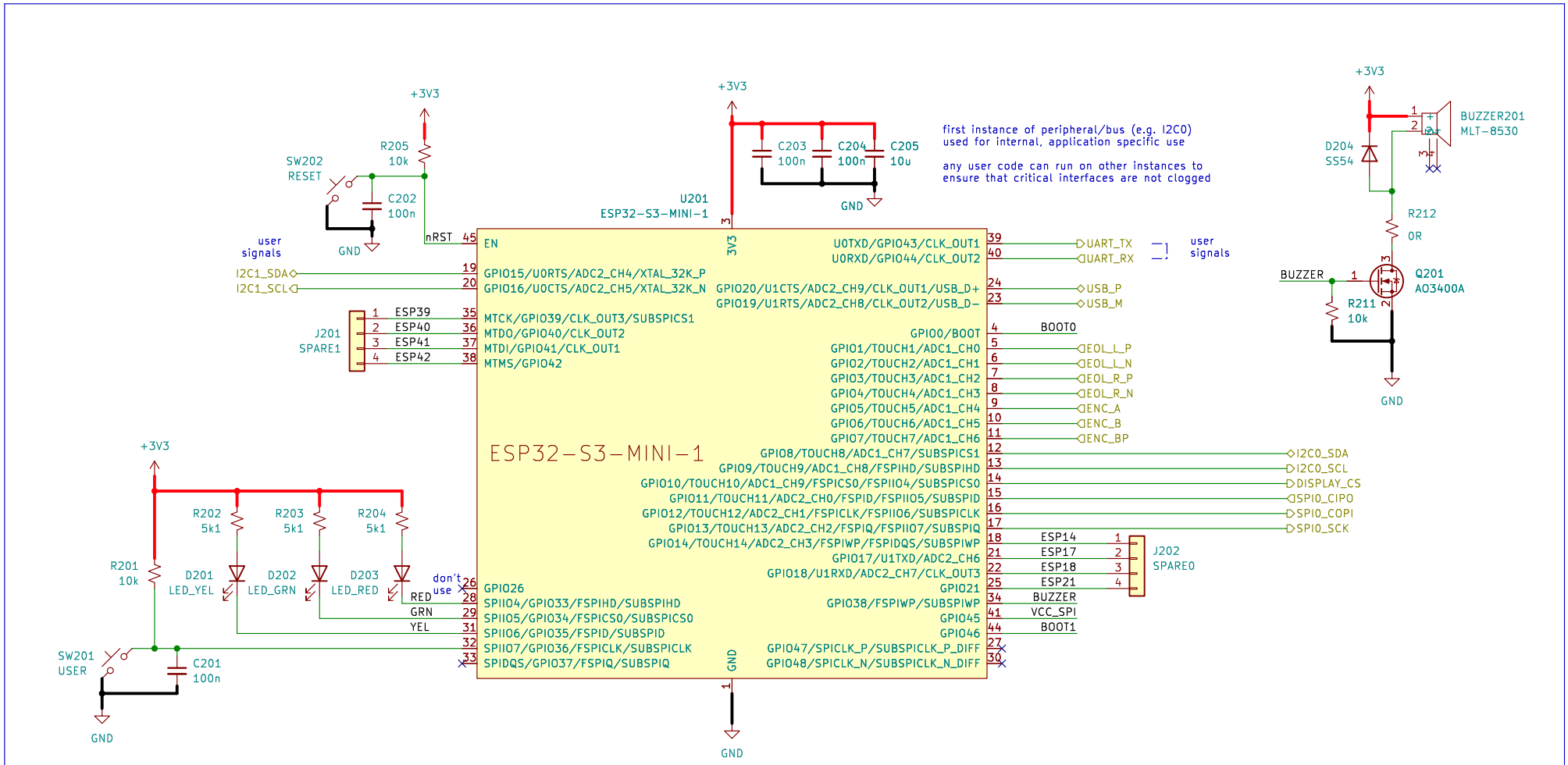
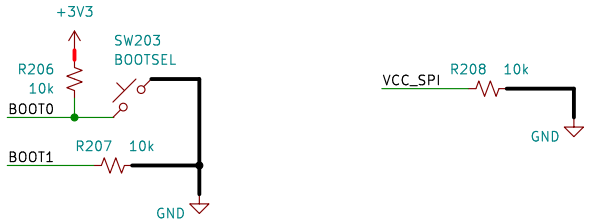
Size: A4	Date: 2023-07-17	**Rev: 0.1**
KiCad E.D.A. 9.0.1		Id: 1/8



ESP32 CONFIGURATION



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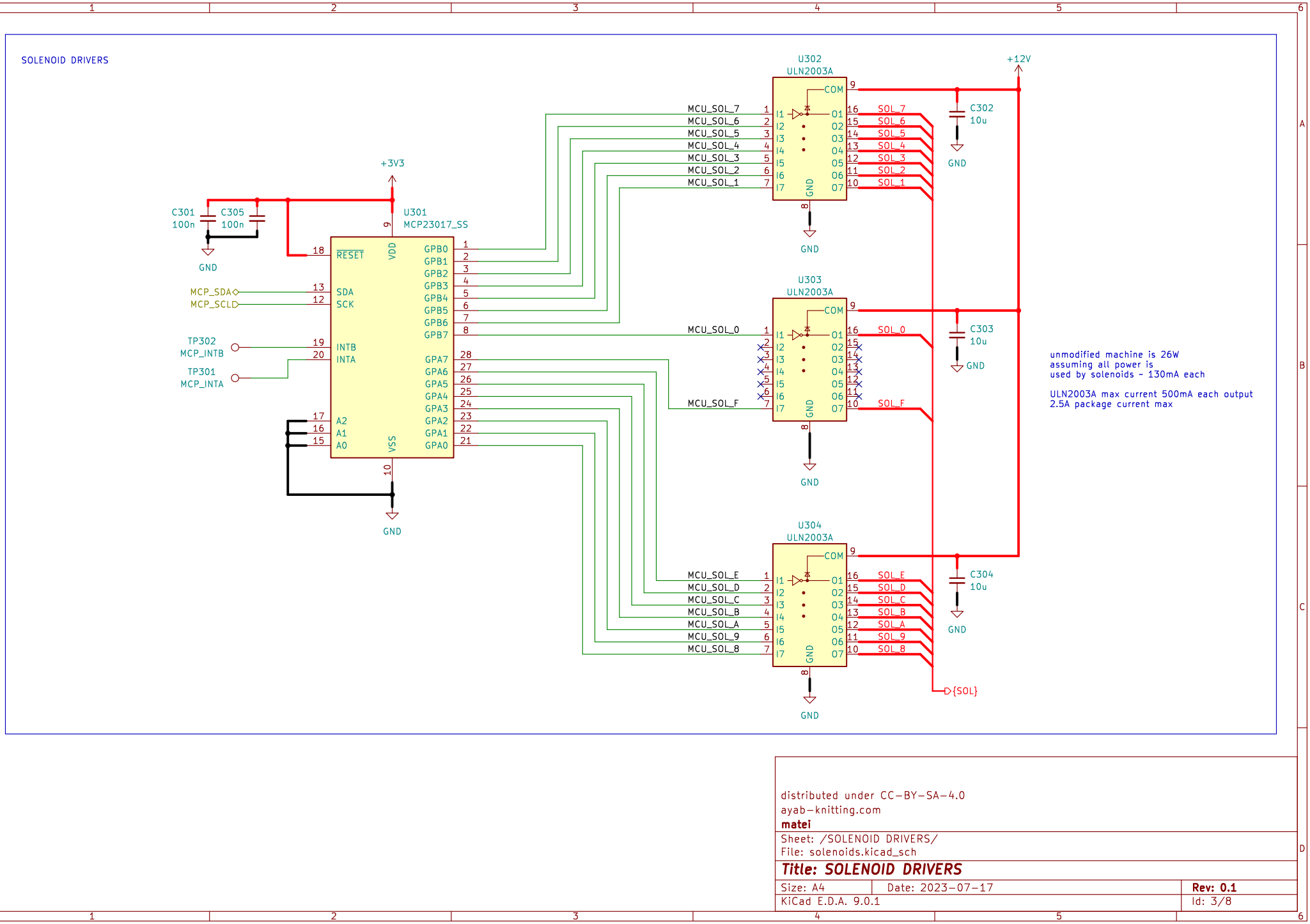
KiCad E.D.A. 9.0.1		Id: 2/8



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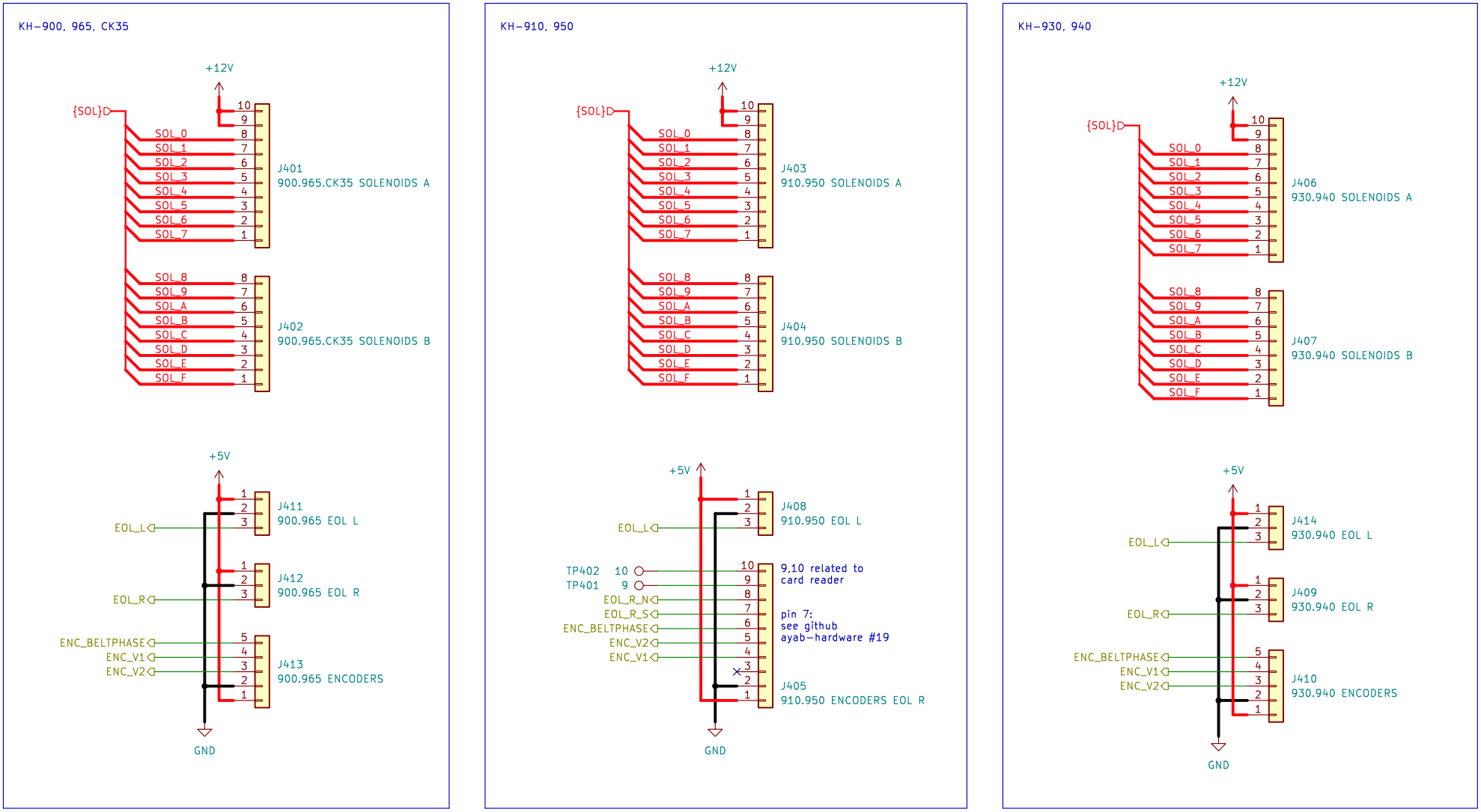
Size: A4	Date: 2023-07-17	**Rev: 0.1**
KiCad E.D.A. 9.0.1		Id: 3/8



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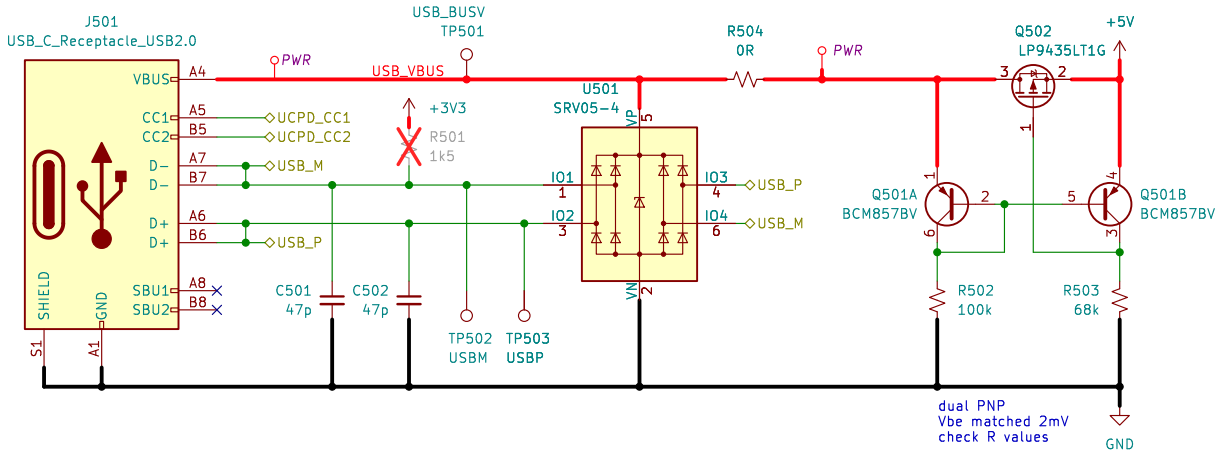
Sheet: /BROTHER-CONNECTORS/

File: brother-connectors.kicad_sch

Title: CONNECTORS

Size: A4	Date: 2023-07-17	**Rev: 0.1**
KiCad E.D.A. 9.0.1		Id: 4/8



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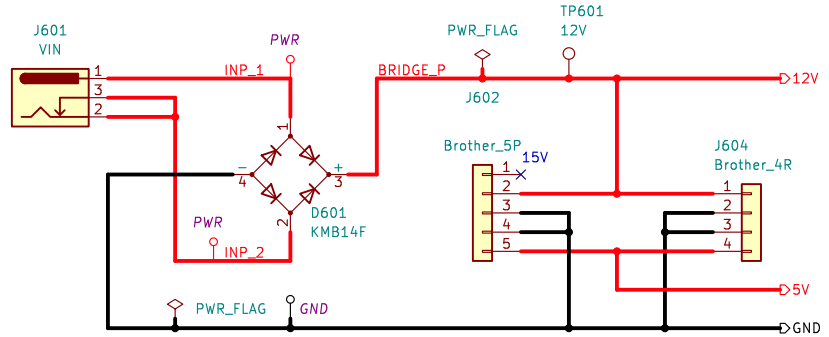
File: usb.kicad_sch

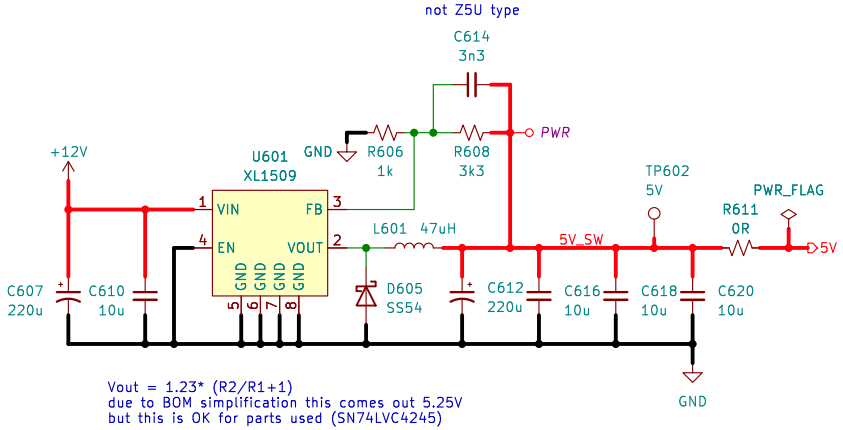
Title: USB & ESD

Size: A4	Date: 2023−07−17	**Rev: 0.1**
KiCad E.D.A. 9.0.1		Id: 5/8

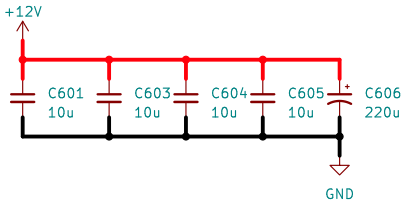
BARREL JACK / BROTHER INPUT
POLARITY PROTECTION
ZERO VOLT DIODE



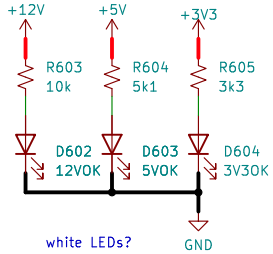
5V SUPPLY



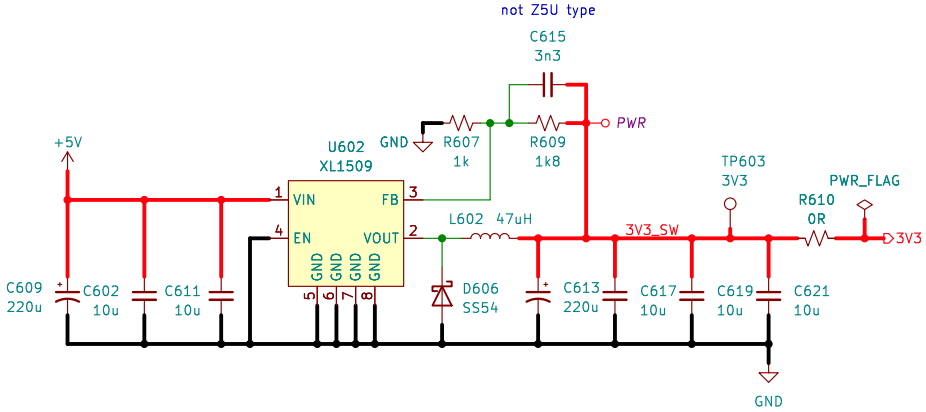
BULK CAPACITANCE



INDICATORS



3V3 SUPPLY



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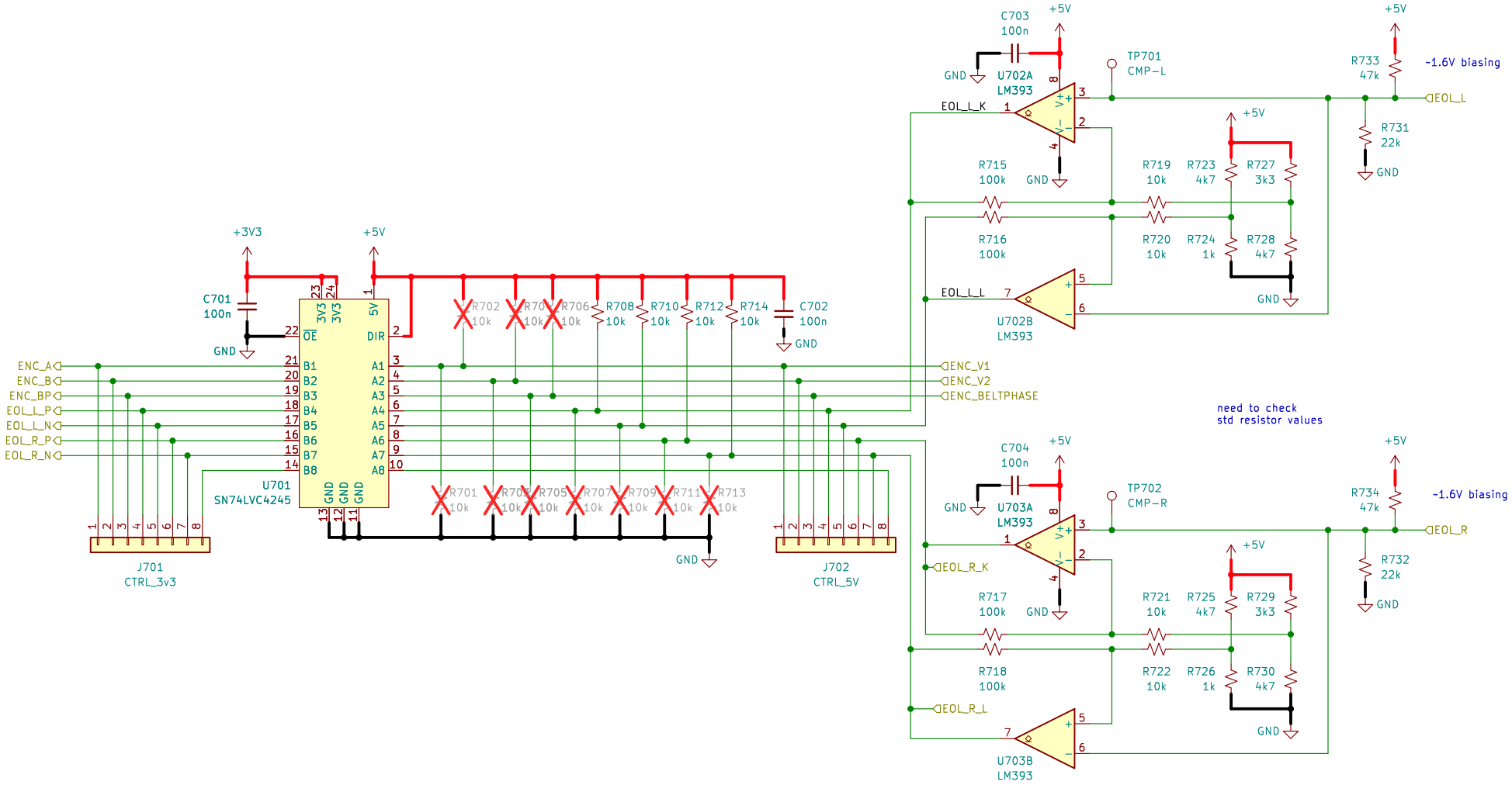
KiCad E.D.A. 9.0.1		Id: 6/8



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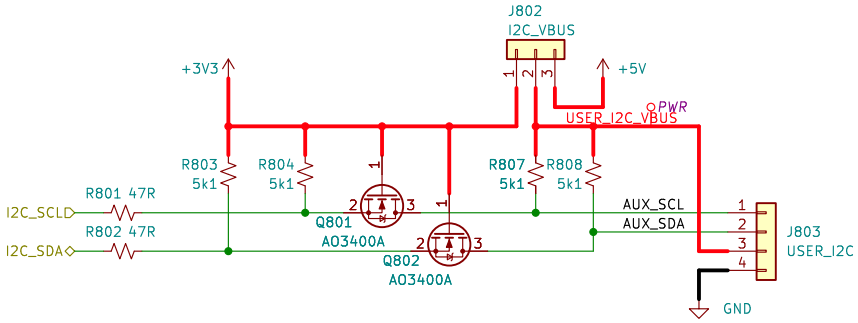
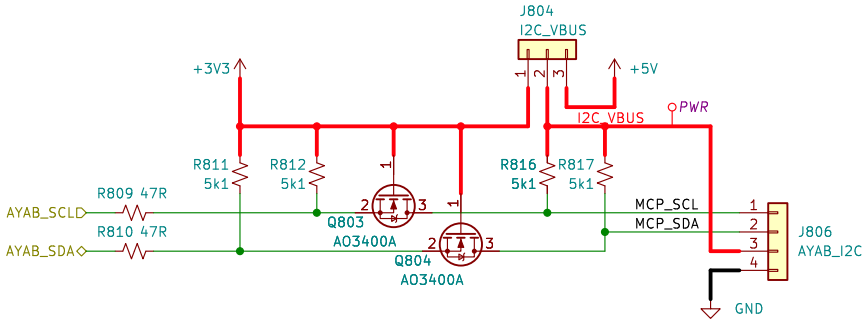
KiCad E.D.A. 9.0.1		Id: 7/8

AUX EXPANSION



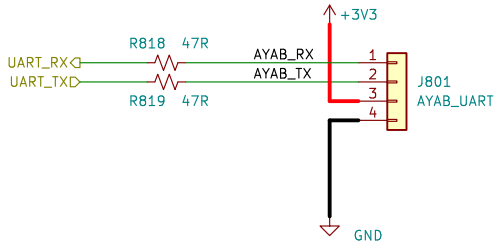
should we use qwiic connector?

MCP—extenal control

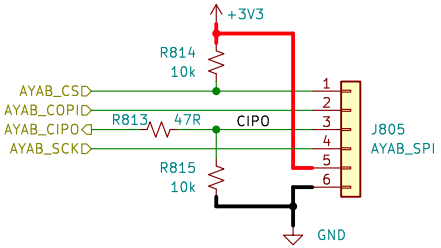


should we use qwiic connector?

AYAB UART debug port



Future display



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KiCad E.D.A. 9.0.1		Id: 8/8