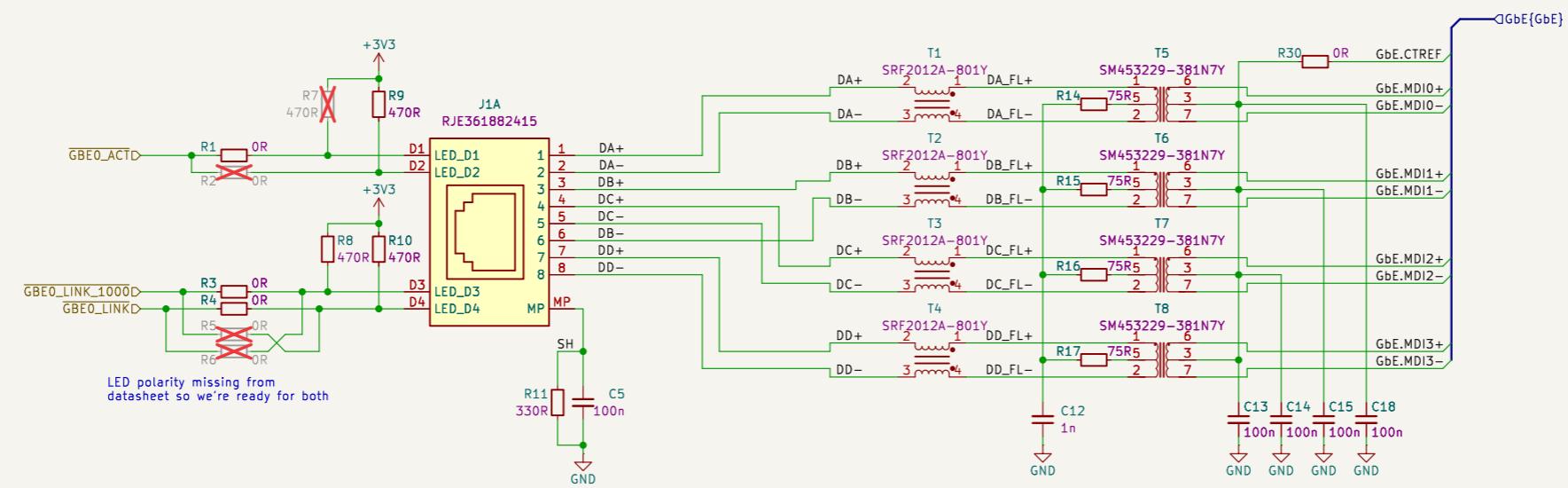
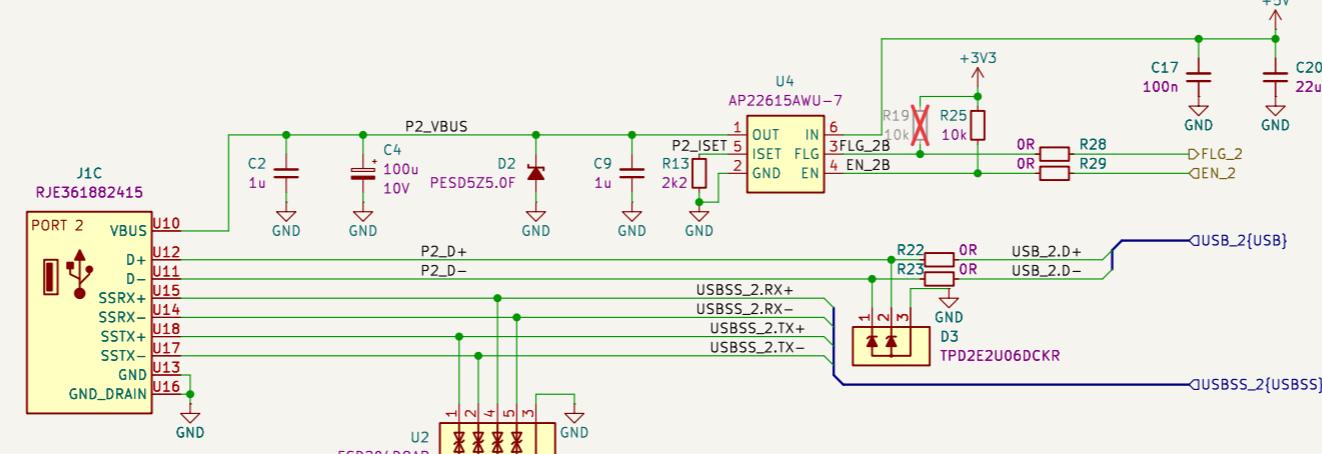
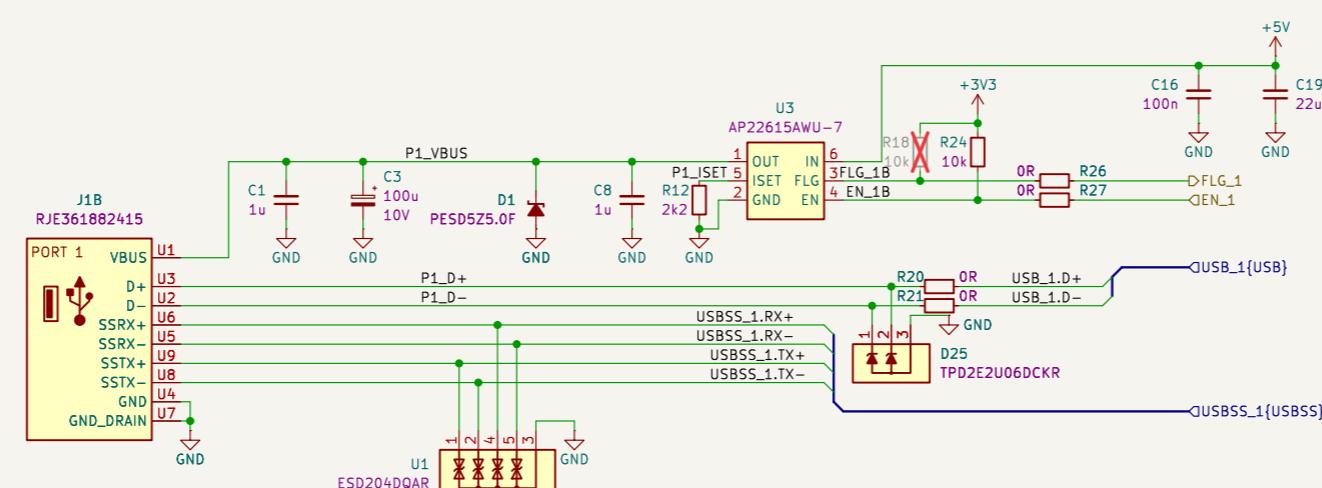


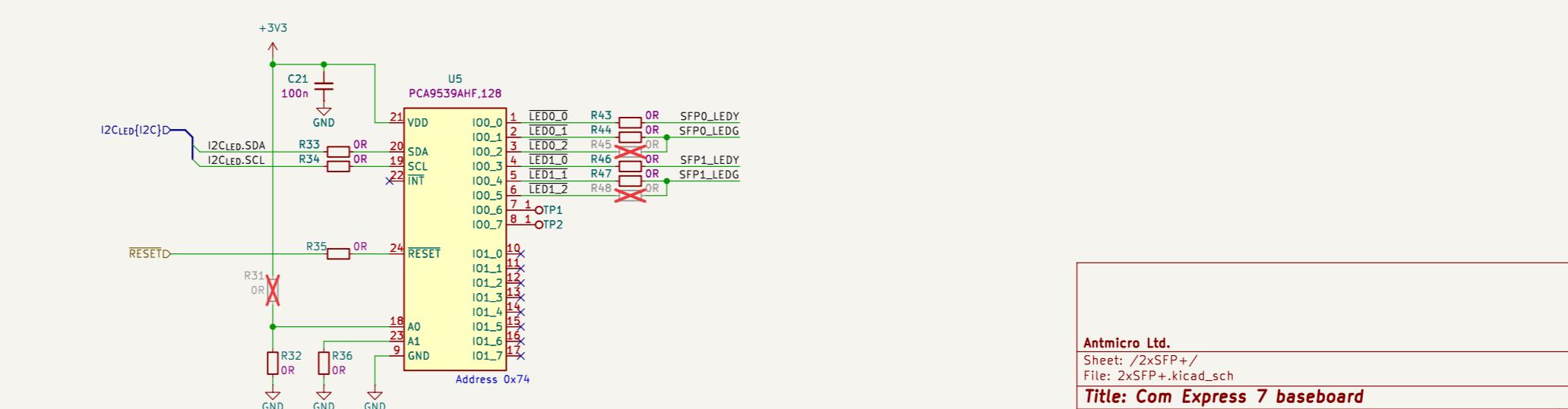
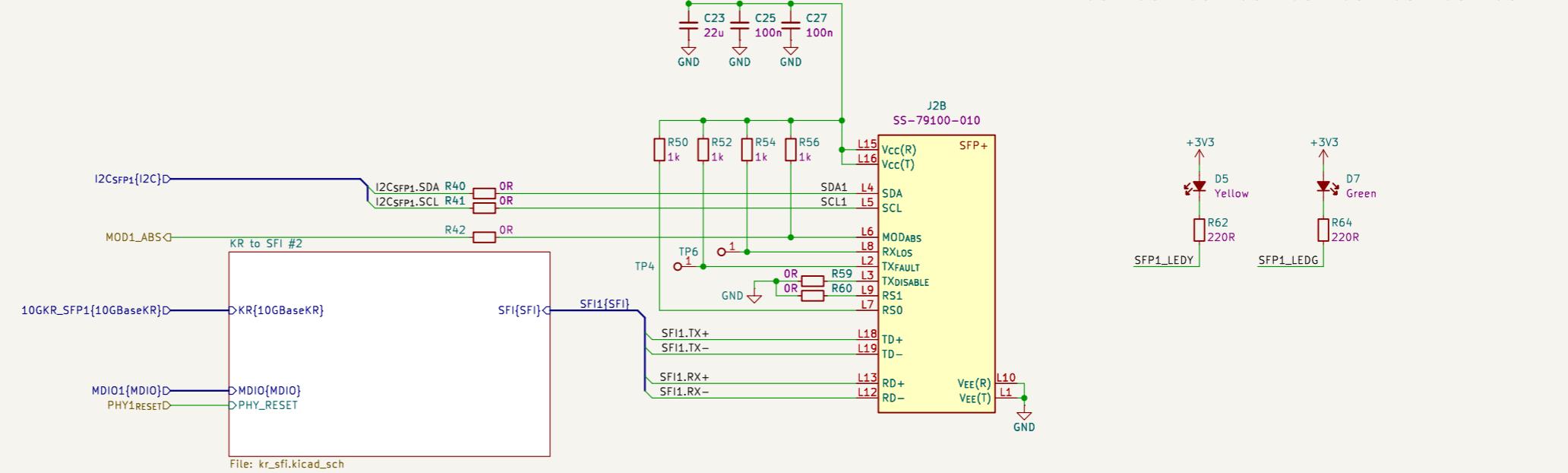
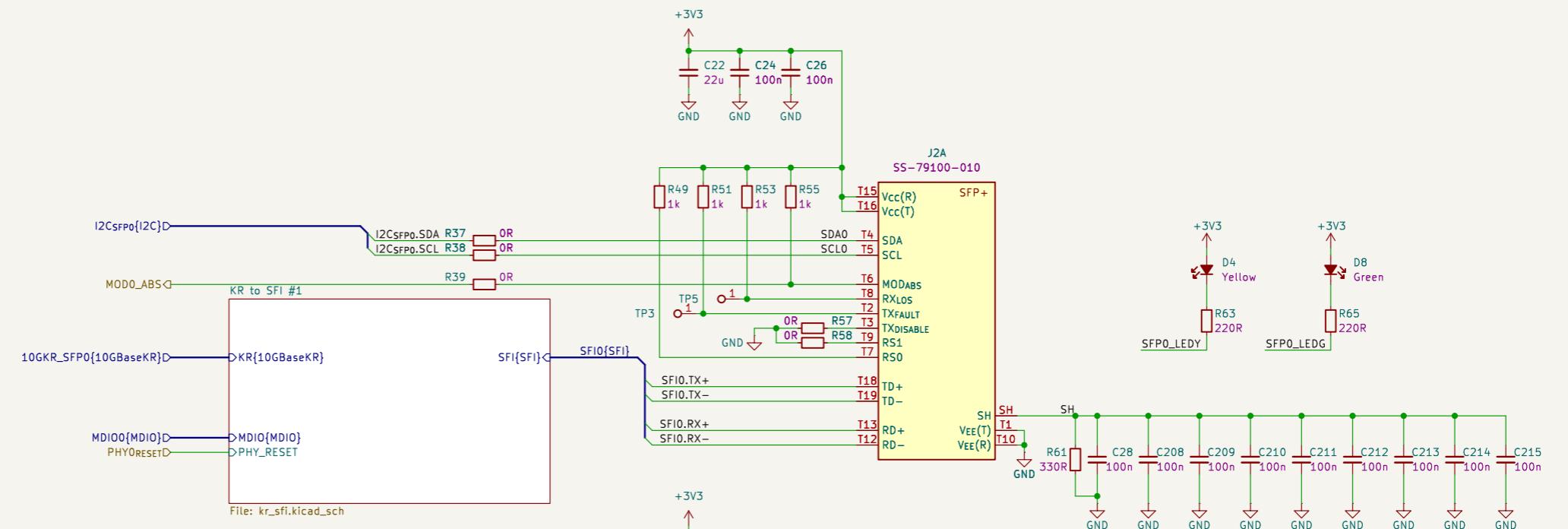
GbE RJ45**USB 3.0**

Antmicro Ltd.

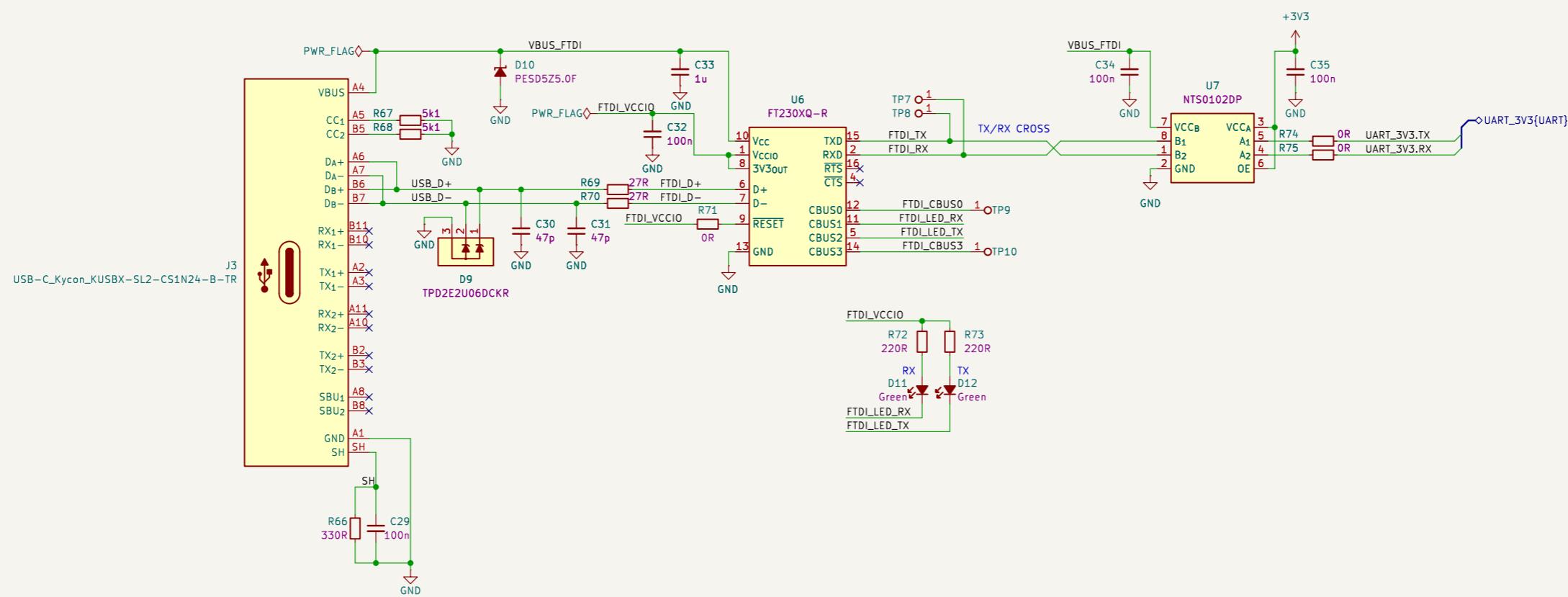
Sheet: /2xUSB3.0+RJ45/
File: usb3+rj45.kicad_sch

Title: Com Express 7 baseboard

Size: A3 Date: 2024-03-28
KiCad E.D.A. kicad-cli 7.0.11Rev: 1.0.0:69fa6
Id: 2/19



Antmicro Ltd.
Sheet: /2xSFP+/
File: 2xSFP+.kicad_sch
Title: Com Express 7 baseboard
Size: A3 Date: 2024-03-28
KiCad E.D.A. kicad-cl 7.0.11 Rev: 1.0.0:69fa6
Id: 3/19



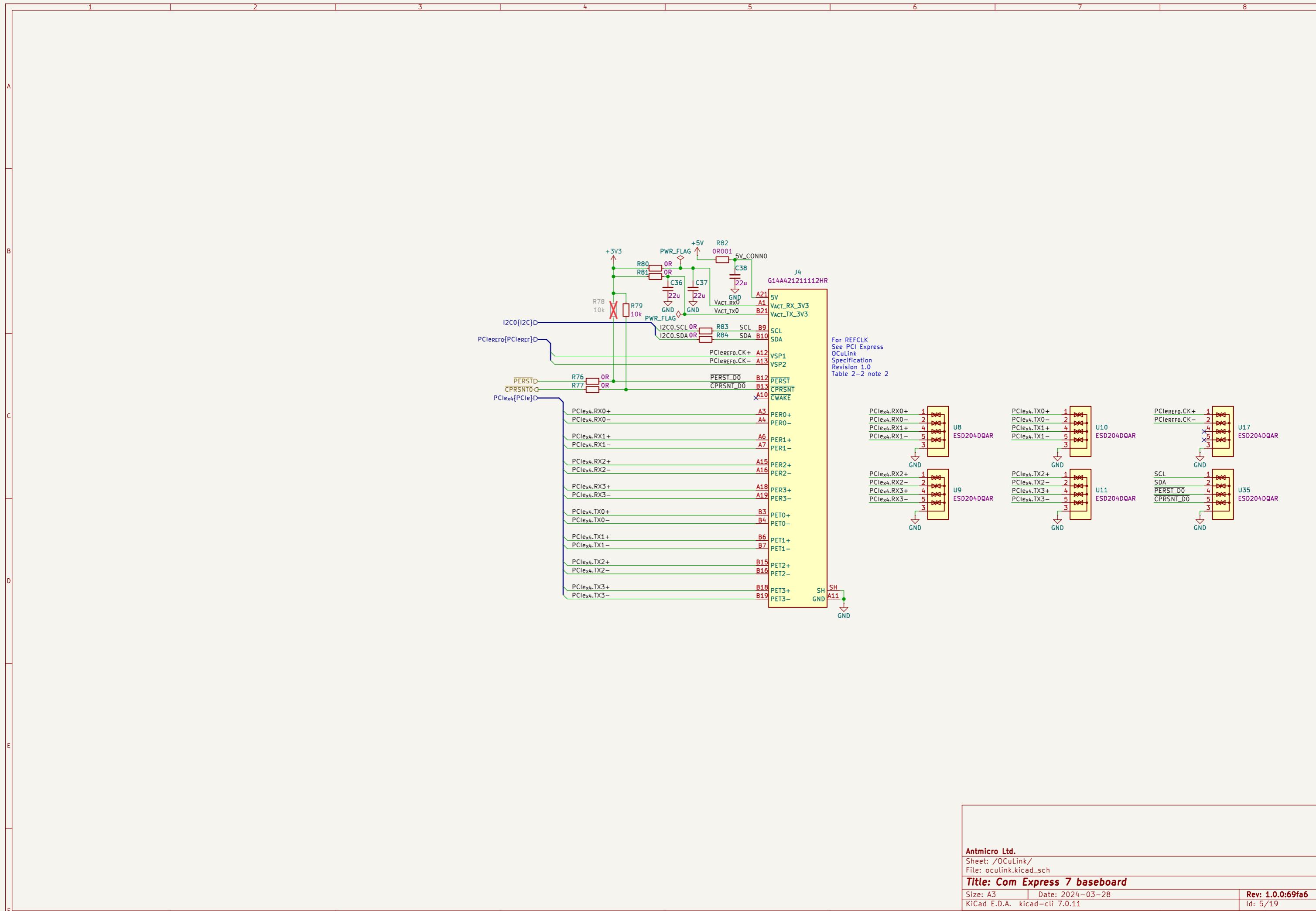
Antmicro Ltd.

Sheet: /USB-C console/
File: usb-c_console.kicad_sch

Title: Com Express 7 baseboard

Size: A3 Date: 2024-03-28
KiCad E.D.A. kicad-cl 7.0.11

Rev: 1.0.0:69fa6
Id: 4/19



A

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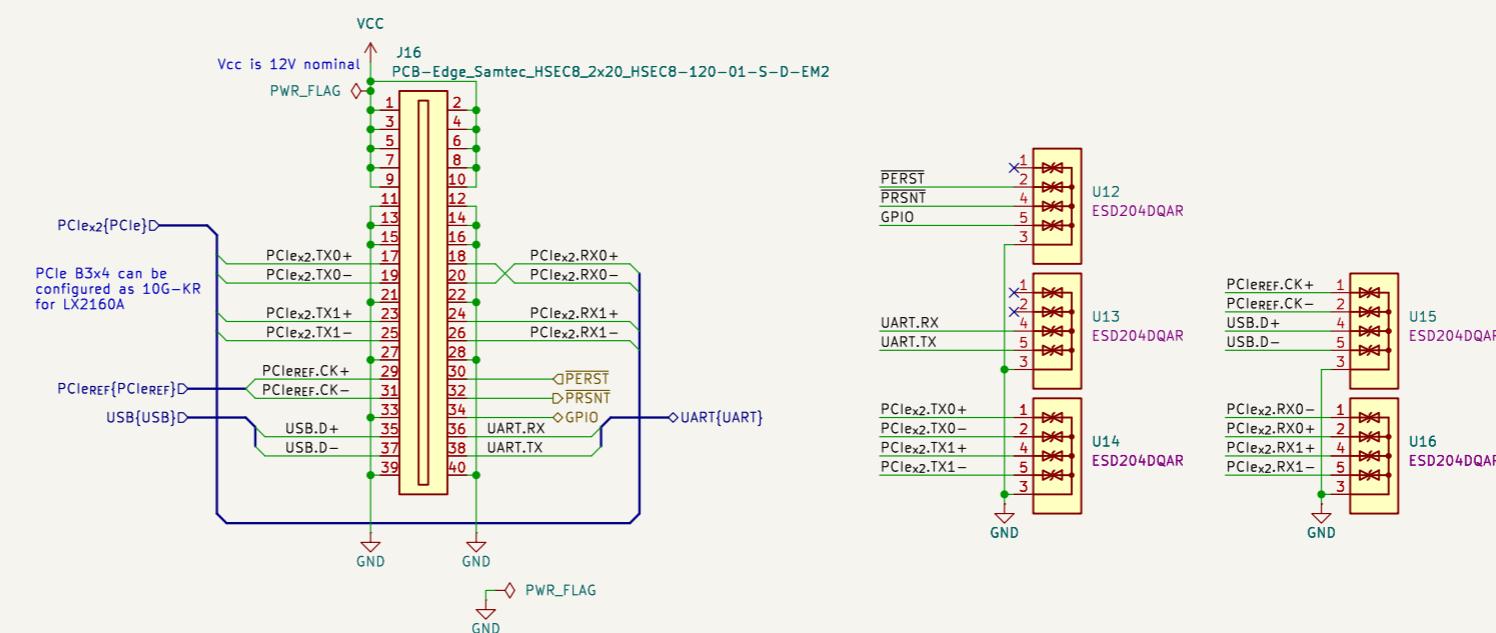
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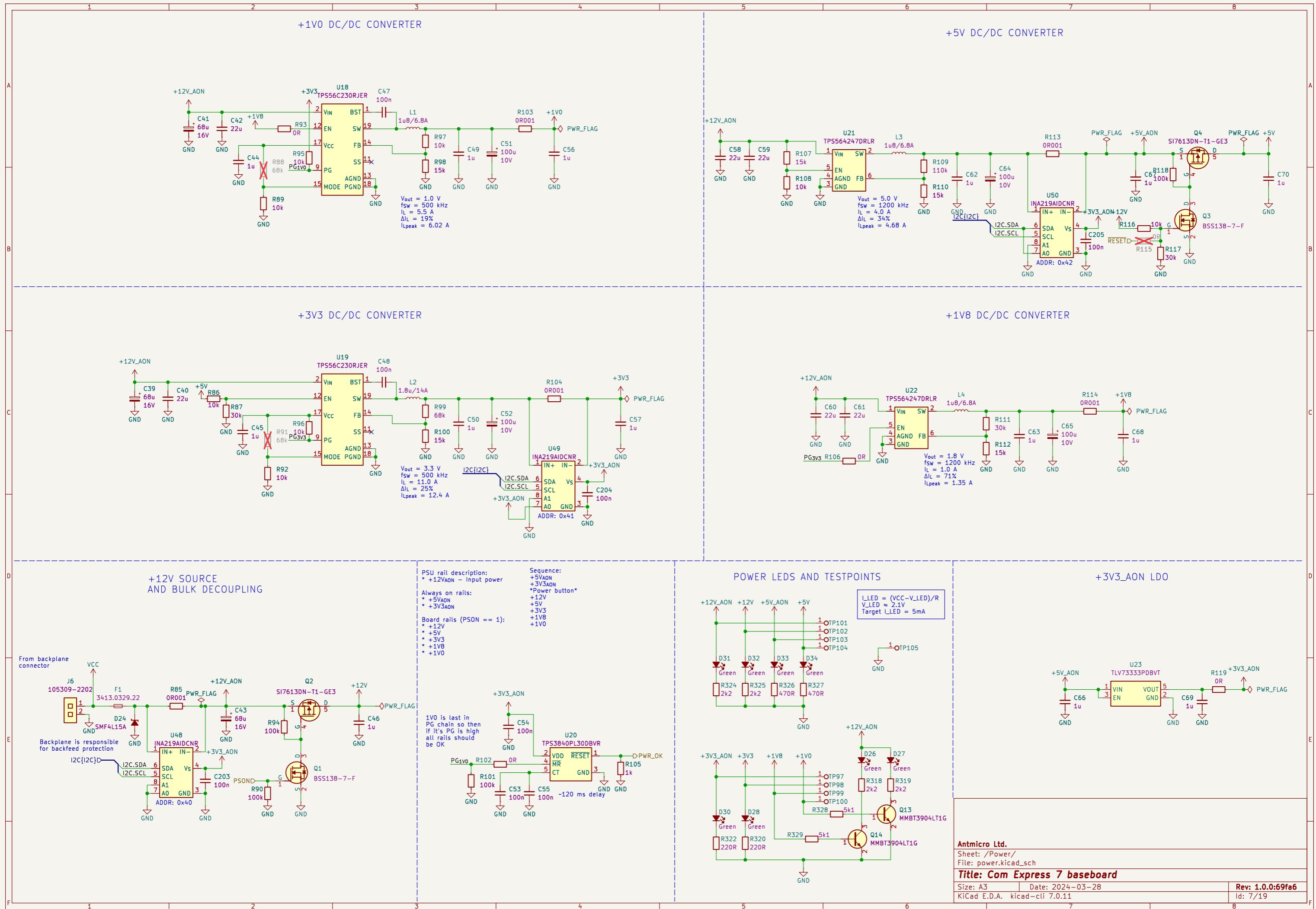


Antmicro Ltd.

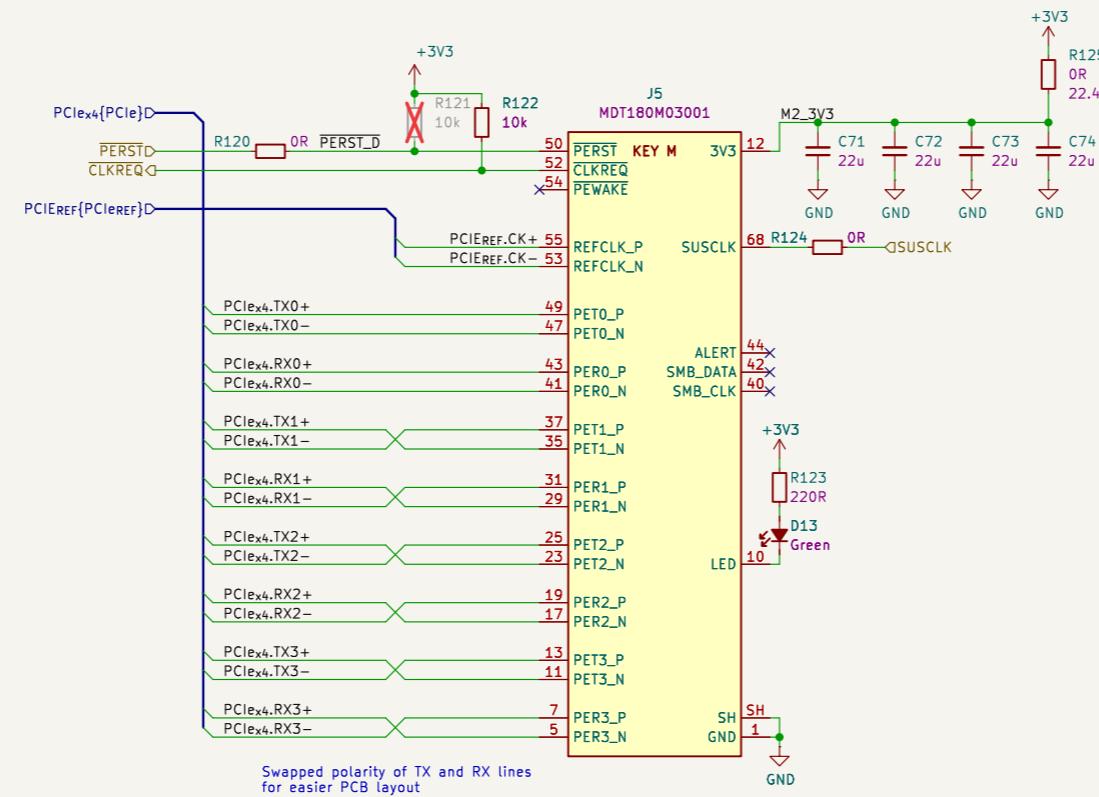
Sheet: /Backplane/
File: backplane.kicad_sch

Title: Com Express 7 baseboard

Size: A3 | Date: 2024-03-28
KiCad E.D.A. kicad-cli 7.0.11Rev: 1.0.0:69fa6
Id: 6/19



M.2 KEY M



A2
Mech_M2_2280_H2.5mm

H2
Spacer_Drill3.7mm_H2.5mm_9774025151R

Antmicro Ltd.

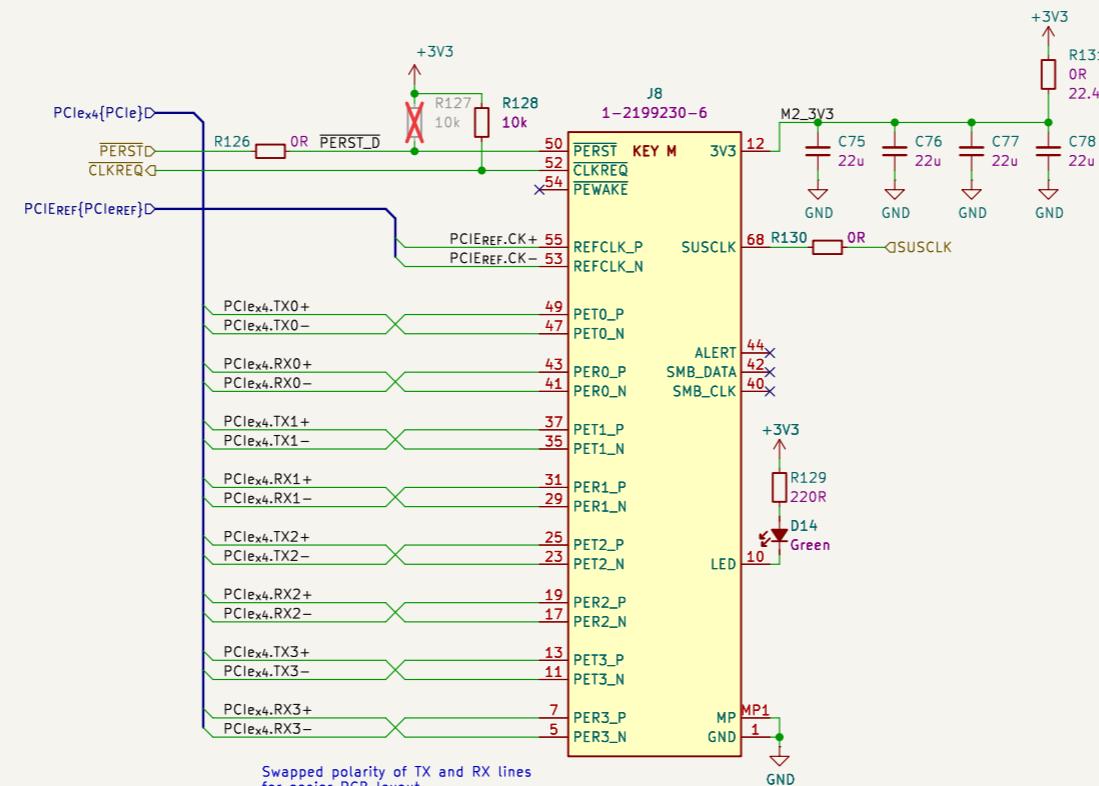
Sheet: /M.2 key M #1/
File: m2keym_low.kicad_sch

Title: Com Express 7 baseboard

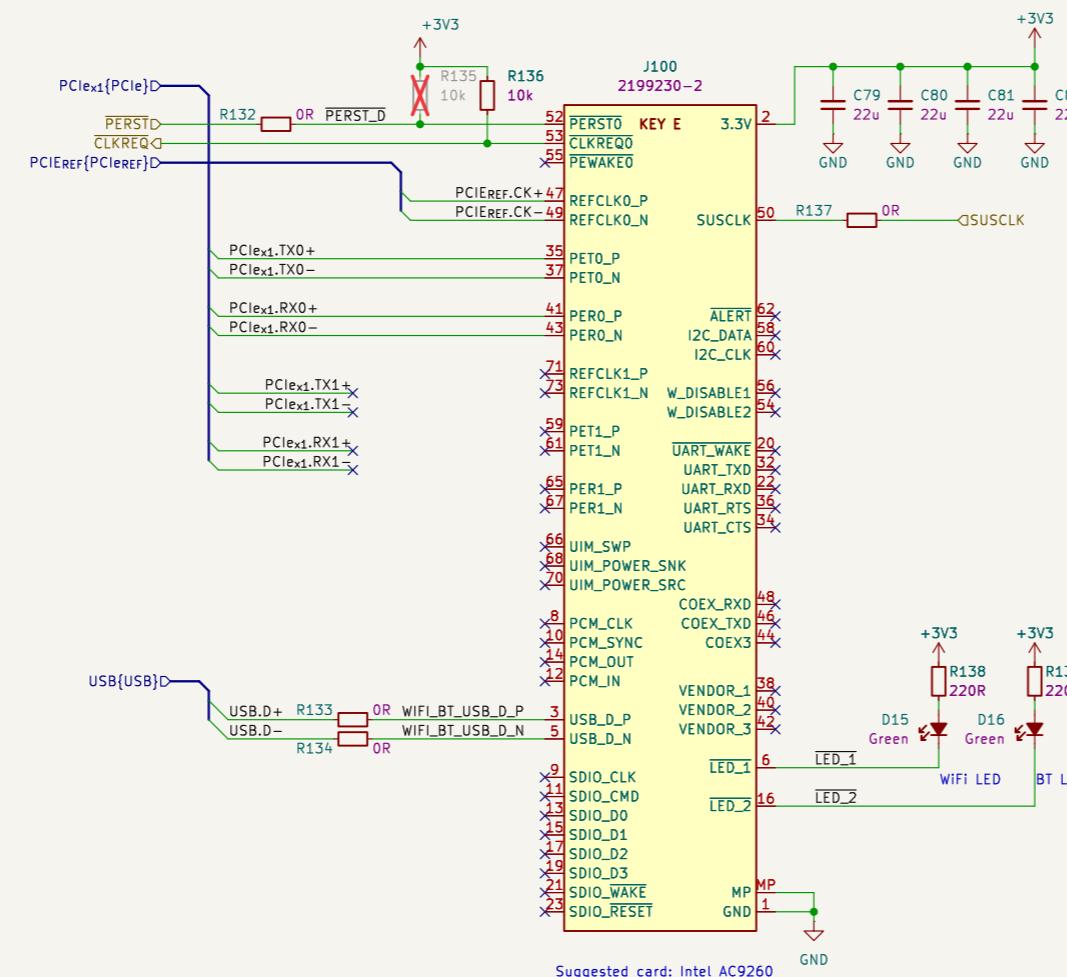
Size: A3 | Date: 2024-03-28
KiCad E.D.A. kicad-cli 7.0.11

Rev: 1.0.0:69fa6
Id: 8/19

M.2 KEY M



M.2 KEY E



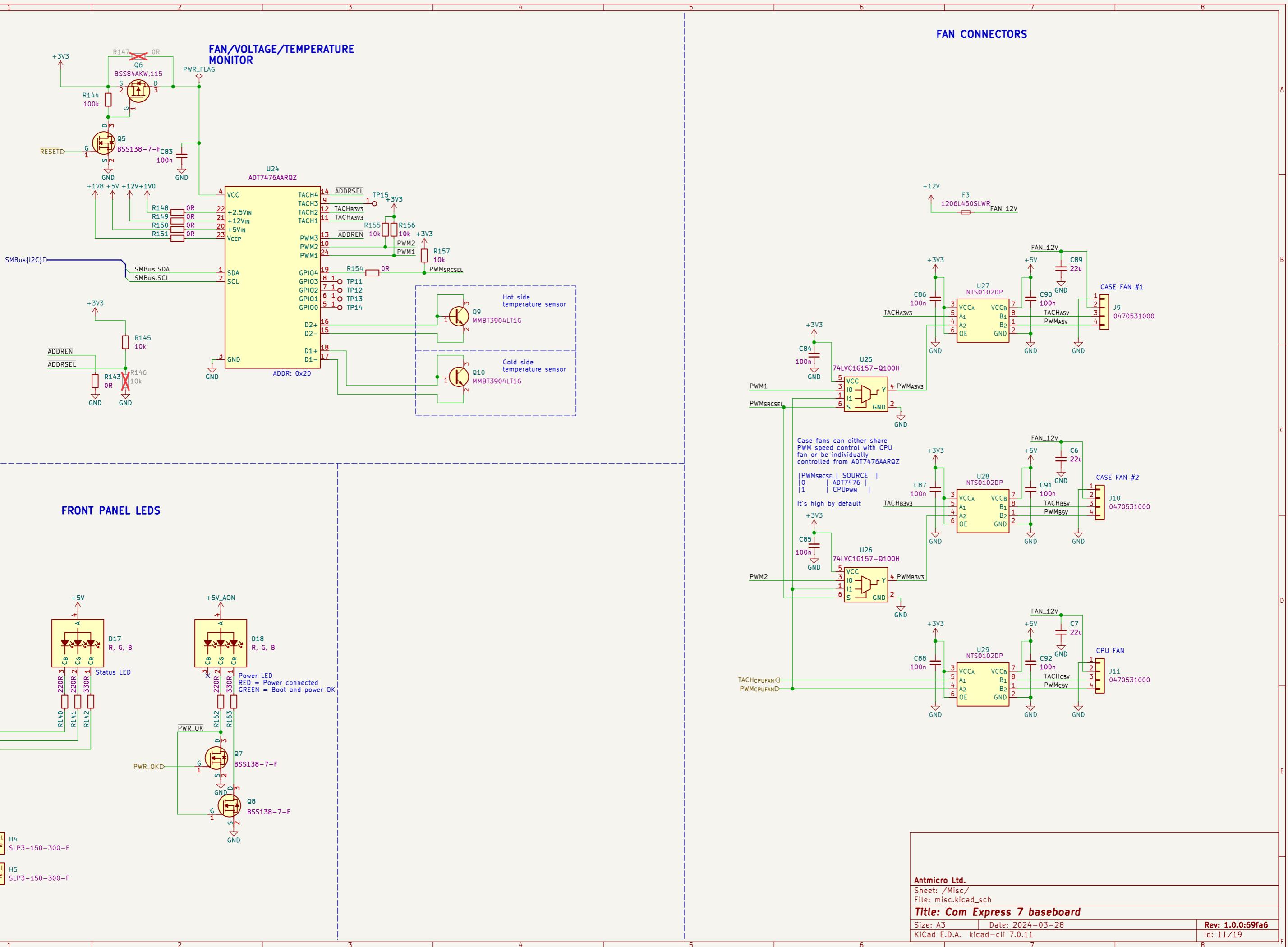
Antmicro Ltd.

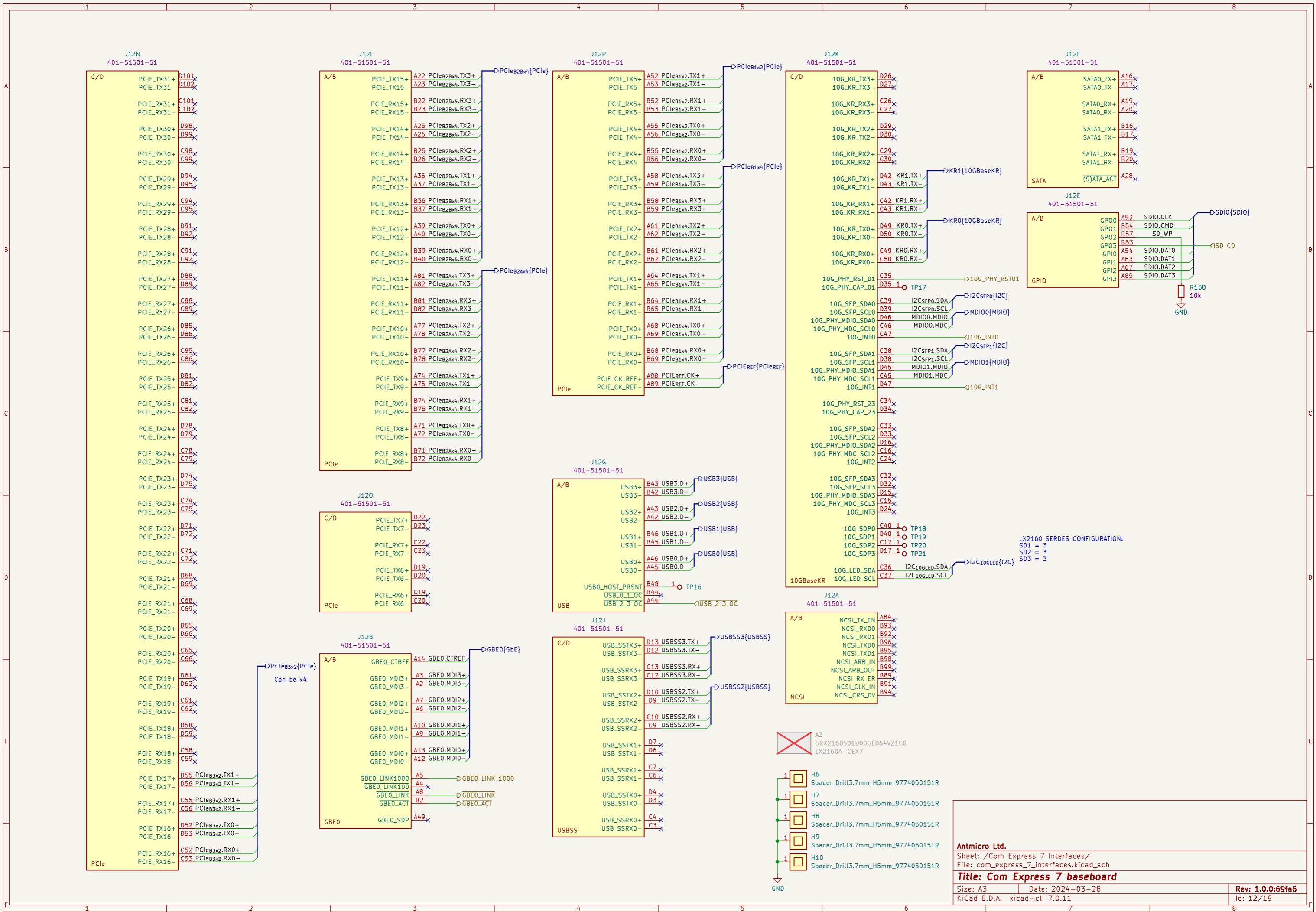
Sheet: /M.2 key E/
File: m2keye.kicad_sch

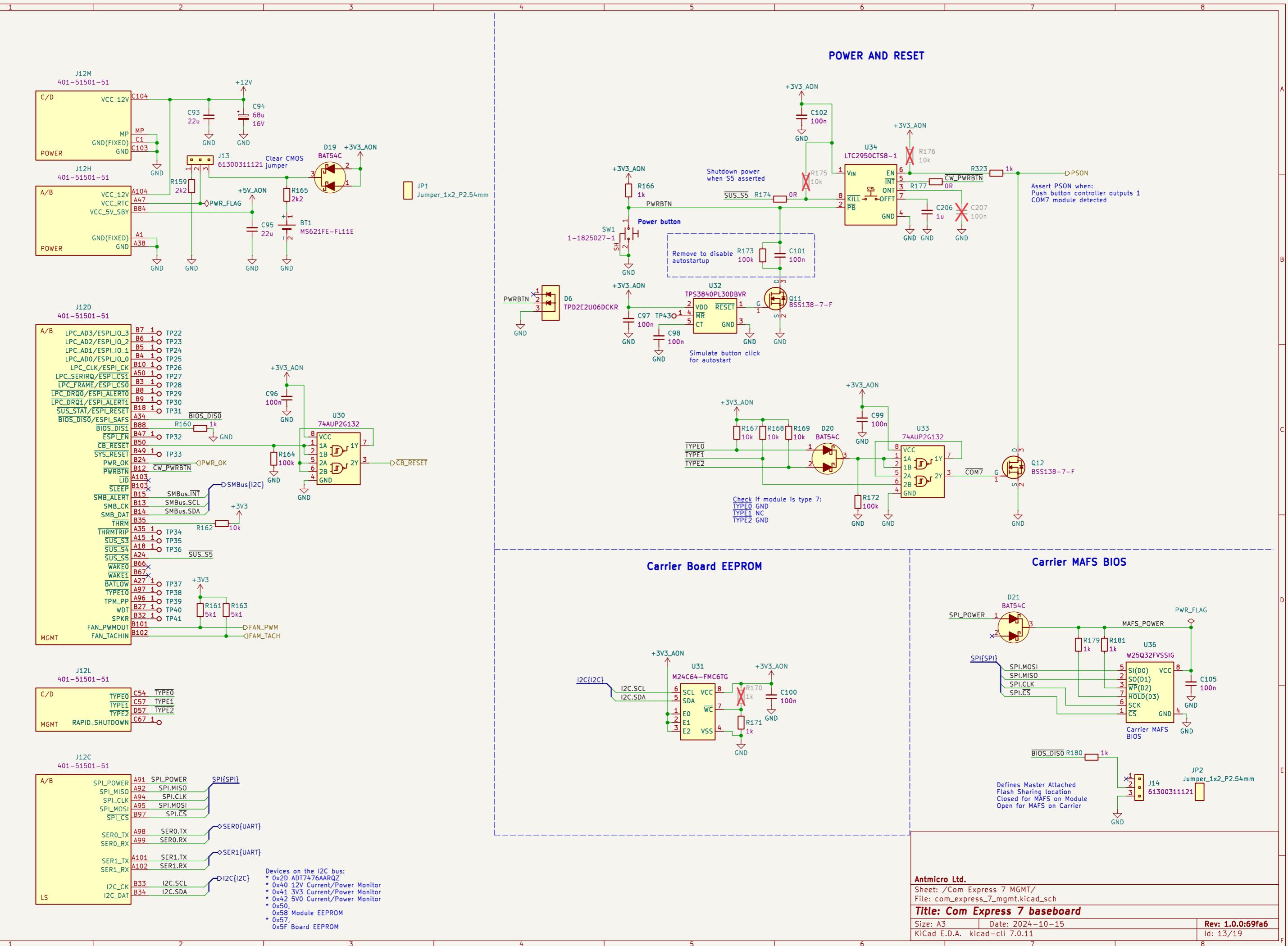
Title: Com Express 7 baseboard

Size: A3 | Date: 2024-03-28
KiCad E.D.A. kicad-cl 7.0.11

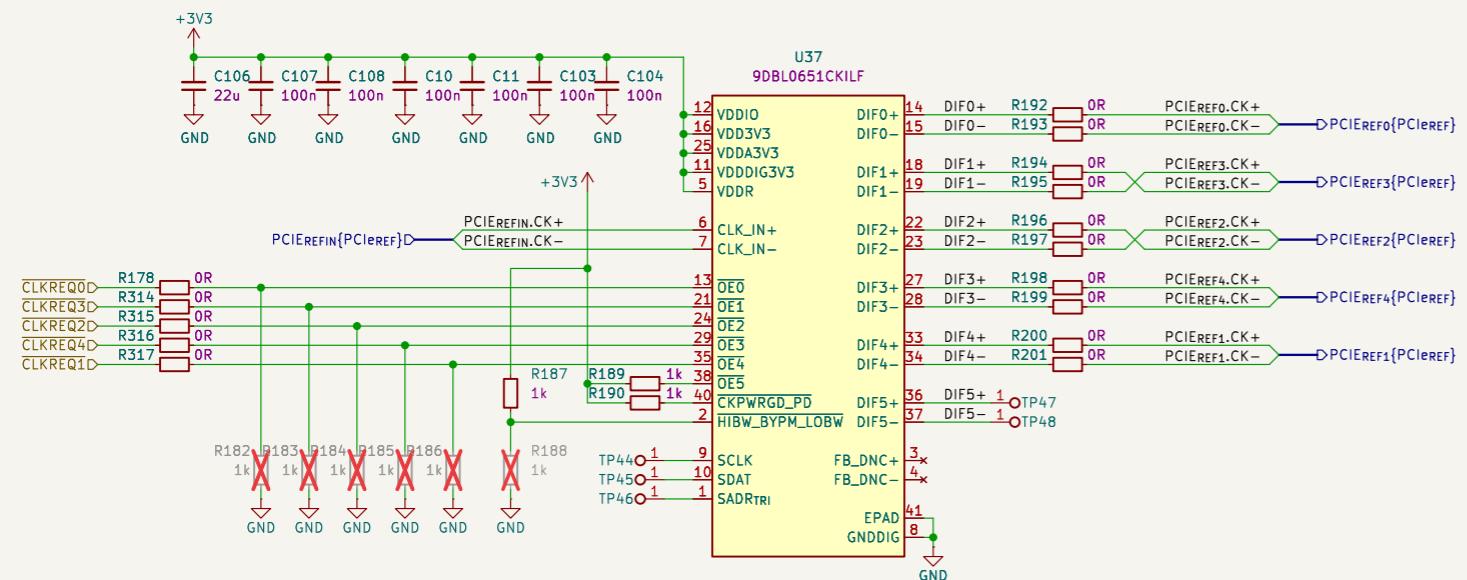
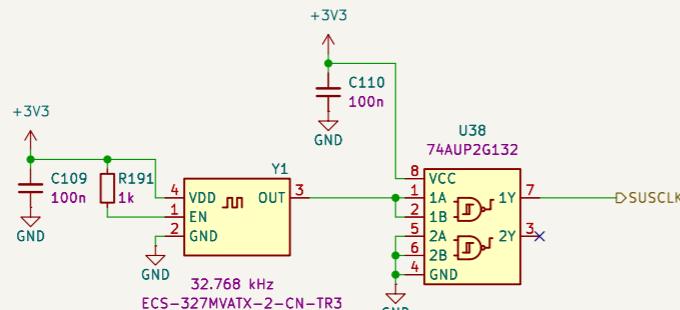
Rev: 1.0.0:69fa6
Id: 10/19







1 2 3 4 5 6 7 8

PCIe CLOCK FANOUT BUFFER**SUSCLK generator**

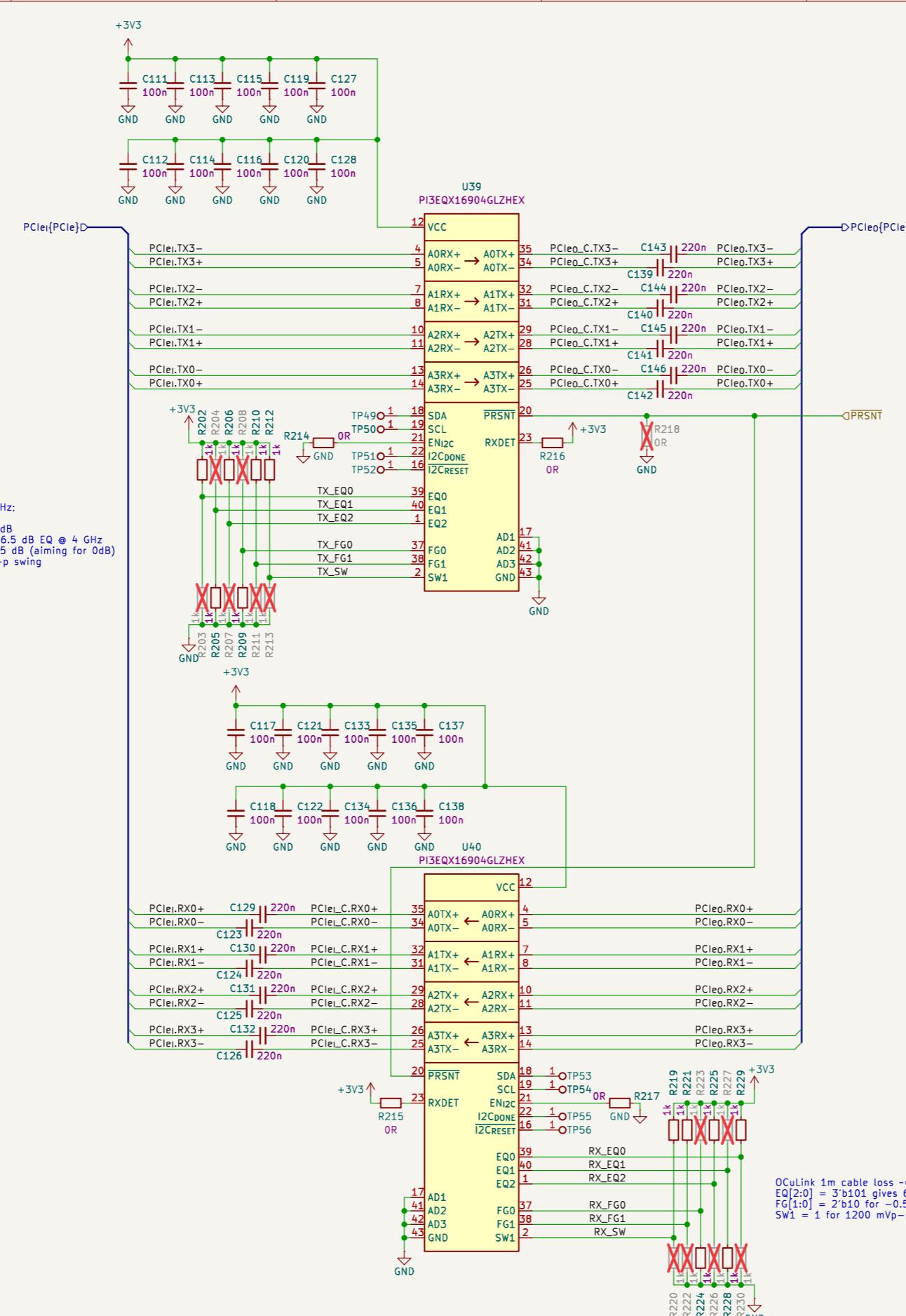
Antmicro Ltd.

Sheet: /PCIe misc/
File: pcie_misc.kicad_sch

Title: Com Express 7 baseboard

Size: A3 | Date: 2024-03-28
KiCad E.D.A. kicad-cli 7.0.11

Rev: 1.0.0:69fa6
Id: 14/19



Antmicro Ltd.

Sheet: /PCIe_redriver/
File: pcie_redriver.kicad_sch

Title: Com Express 7 baseboard

Size: A3 Date: 2024-03-28
KiCad E.D.A. kicad-cli 7.0.11

Rev: 1.0.0:69fa6
Id: 15/19

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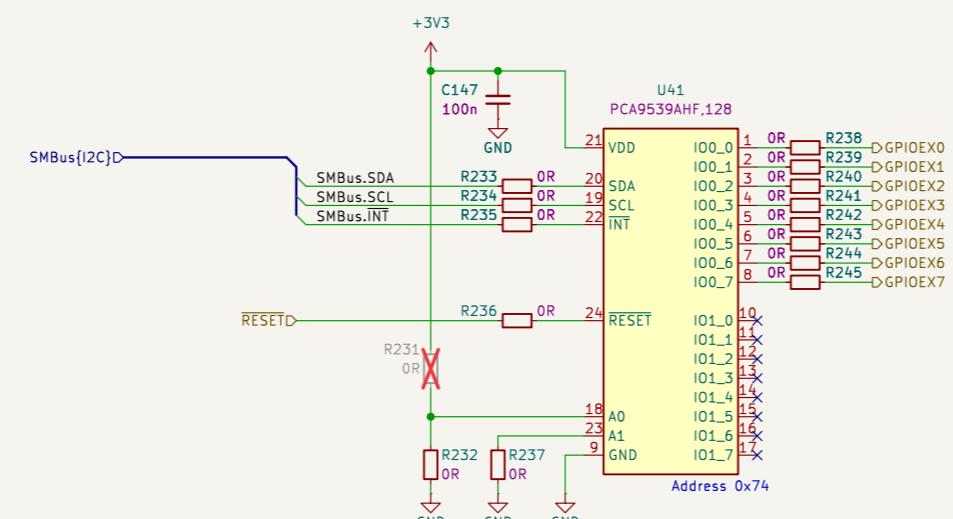
D

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E

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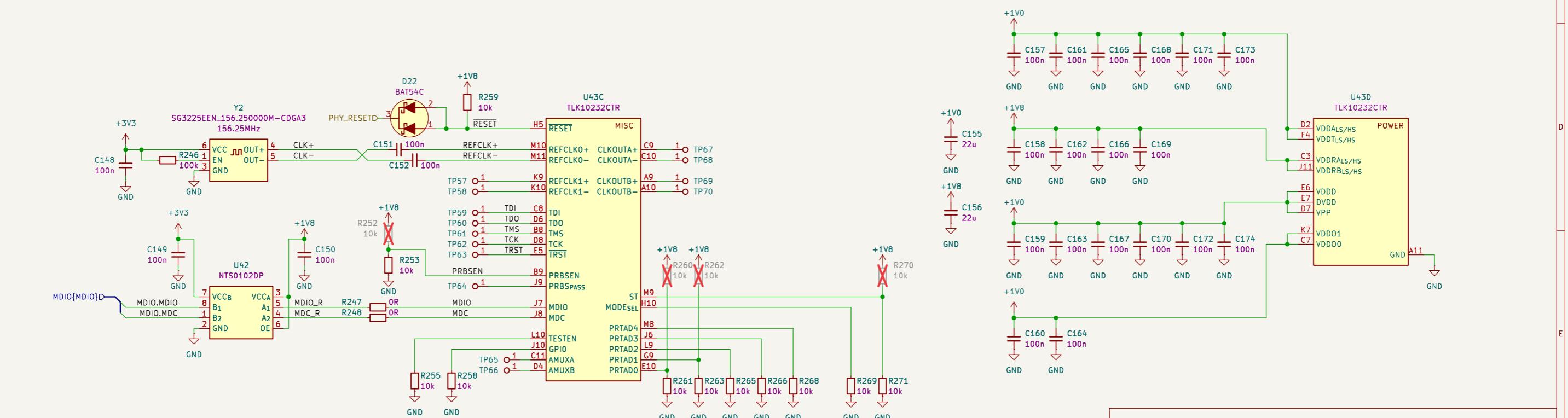
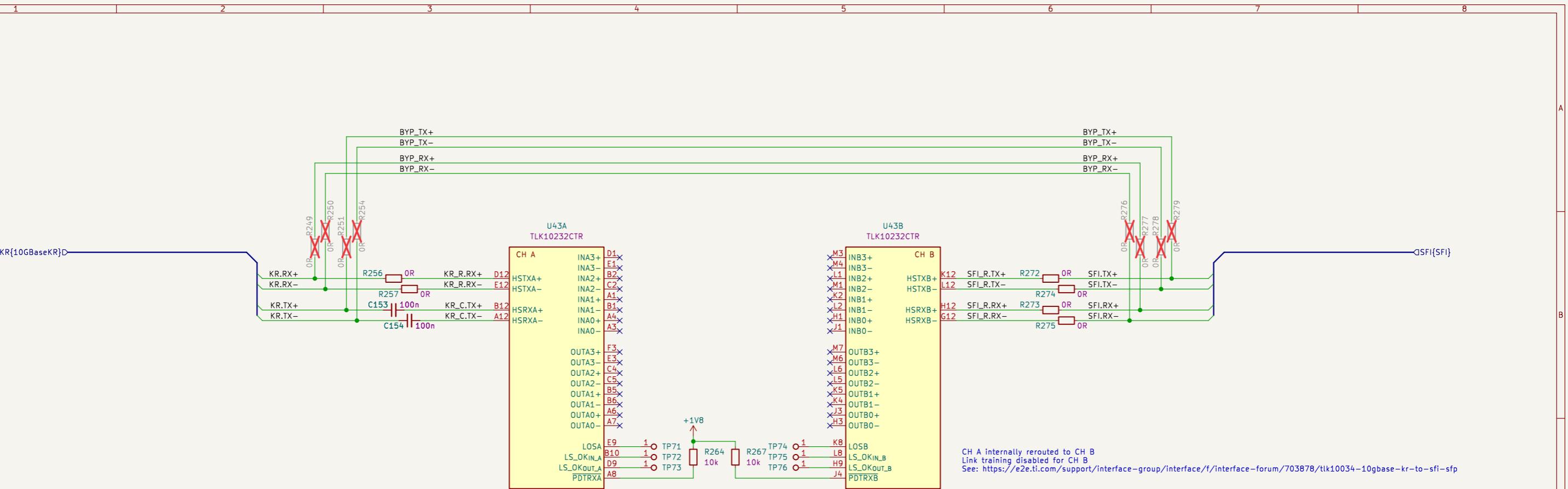
Antmicro Ltd.

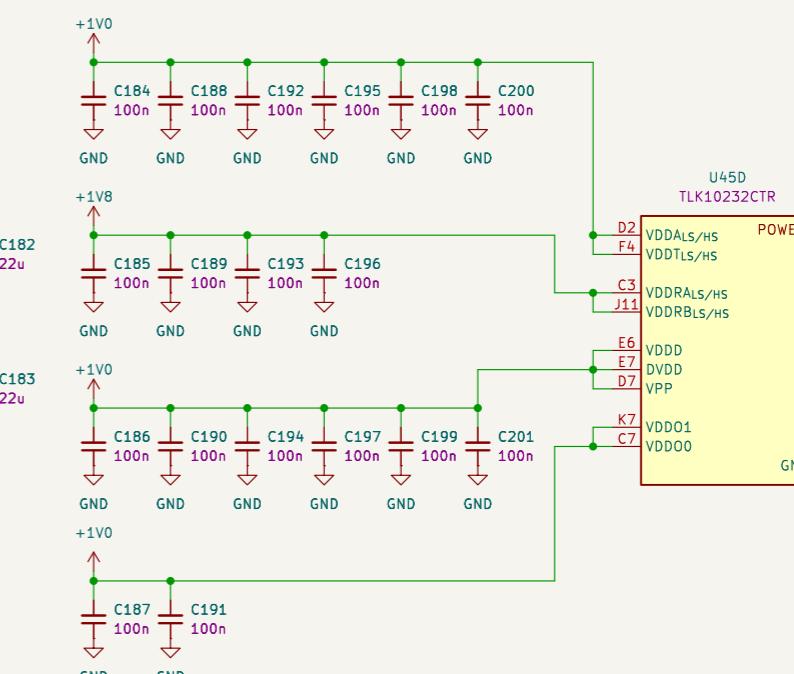
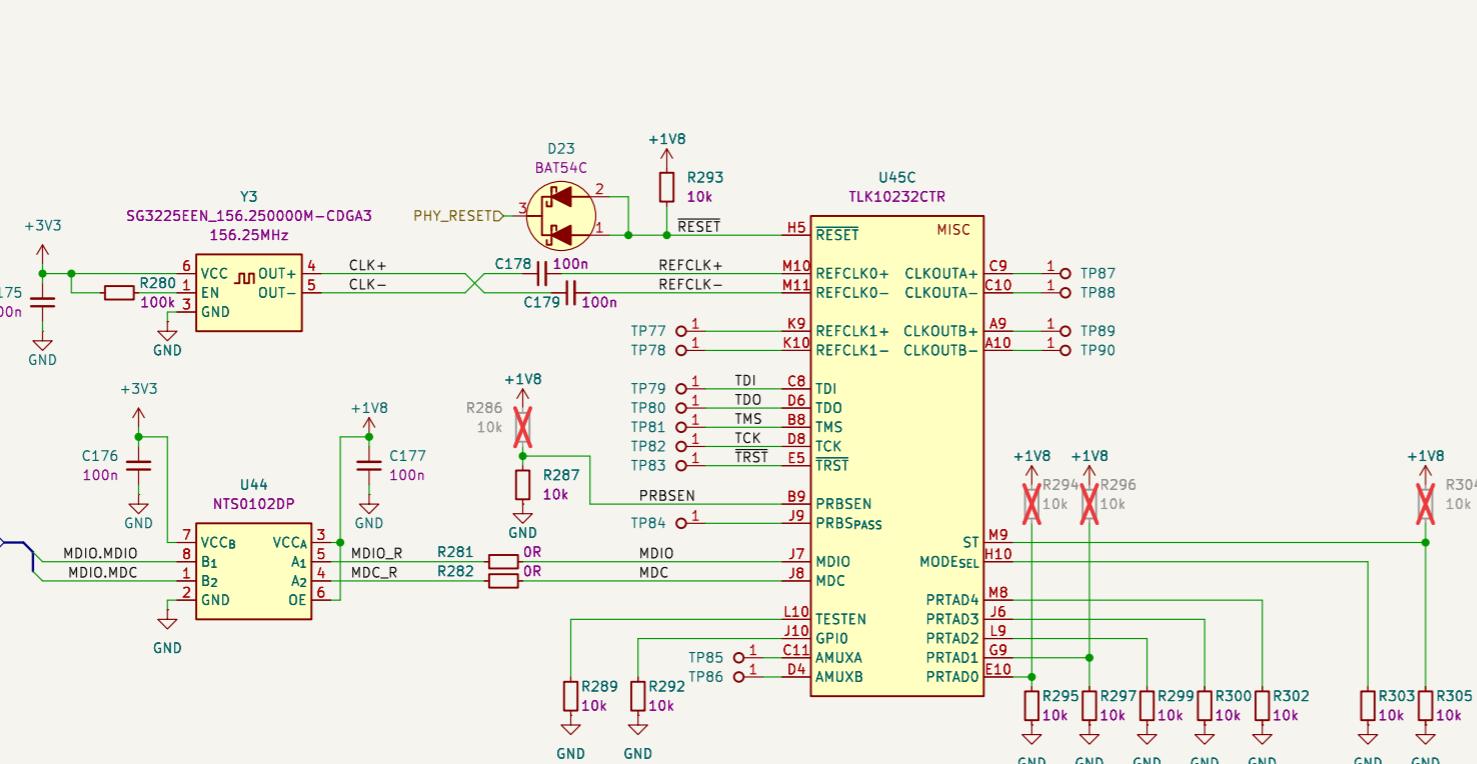
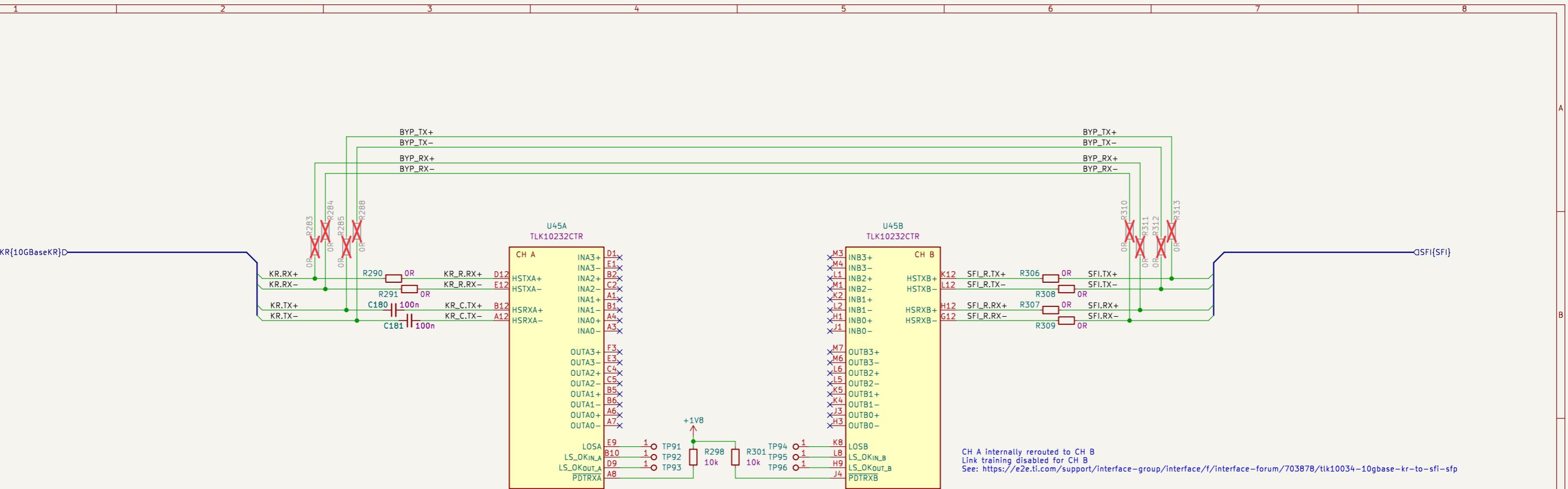
Sheet: /GPIO expander/
File: gpio_exp.kicad_sch

Title: Com Express 7 baseboard

Size: A3 | Date: 2024-03-28
KiCad E.D.A. kicad-cli 7.0.11

Rev: 1.0.0:69fa6
Id: 16/19





Antmicro Ltd.
Sheet: /2xSFP+/KR to SFI #2/
File: kr_sfi.kicad_sch

Title: Com Express 7 baseboard

Size: A3 | Date: 2024-03-28
KiCad E.D.A. kicad-cl 7.0.11

Rev: 1.0.0:69fa6 | Id: 18/19

1 2 3 4 5 6 7 8

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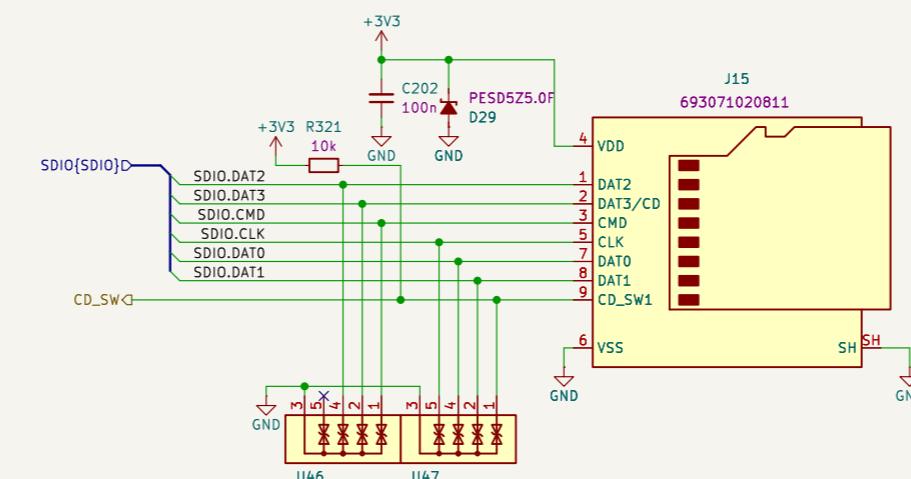
D

E

E

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Antmicro Ltd.

Sheet: /SD card/
File: sd_card.kicad_sch

Title: Com Express 7 baseboard

Size: A3 | Date: 2024-03-28
KiCad E.D.A. kicad-cli 7.0.11

Rev: 1.0.0:69fa6
Id: 19/19

1 2 3 4 5 6 7 8