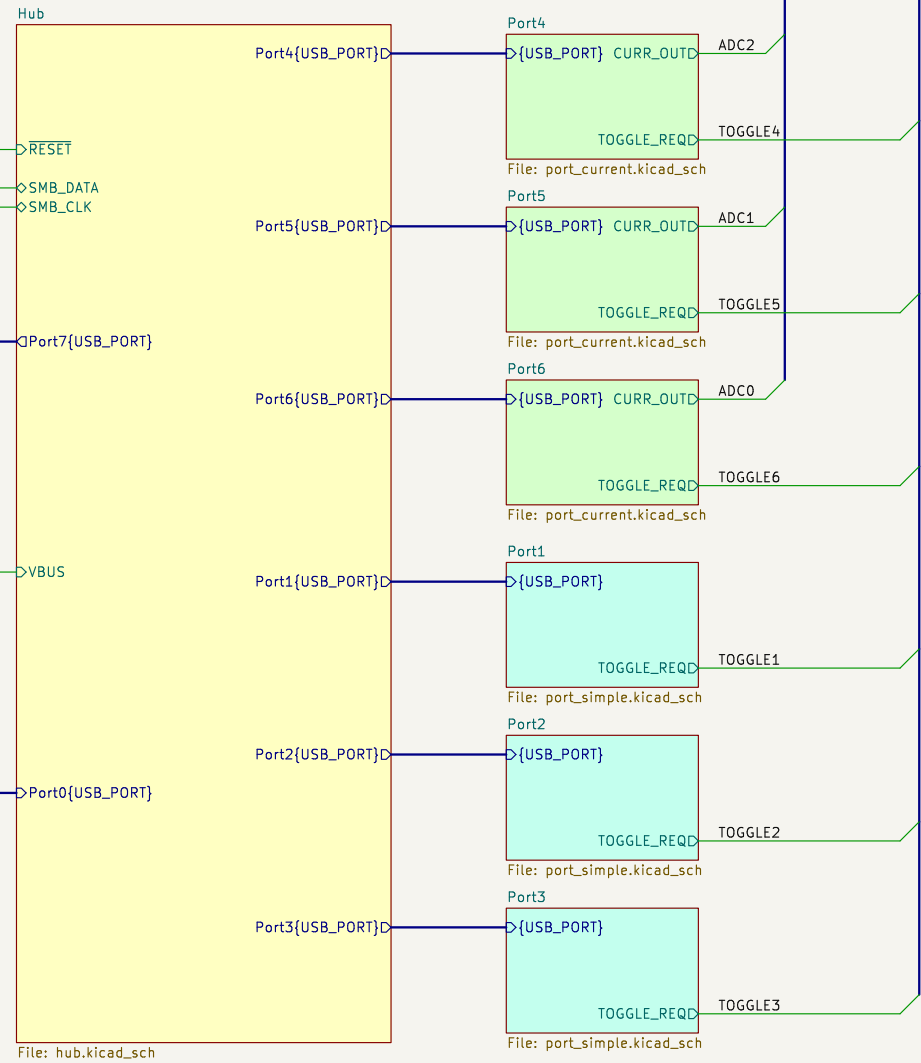
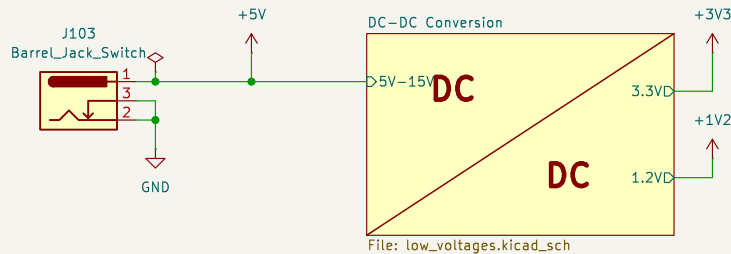
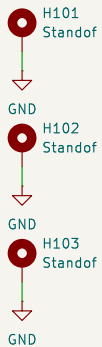
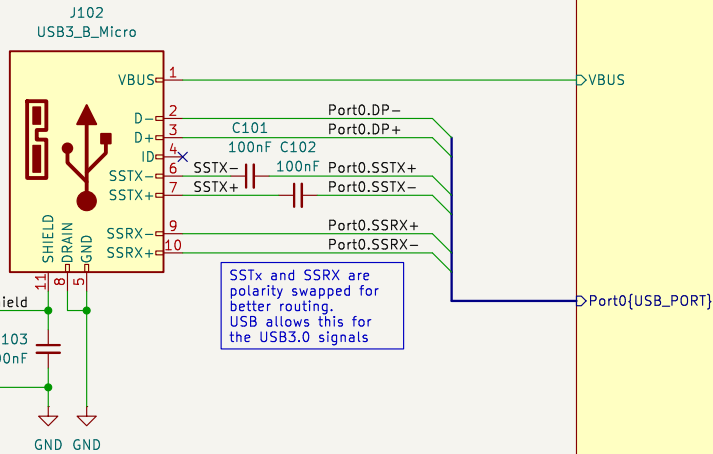
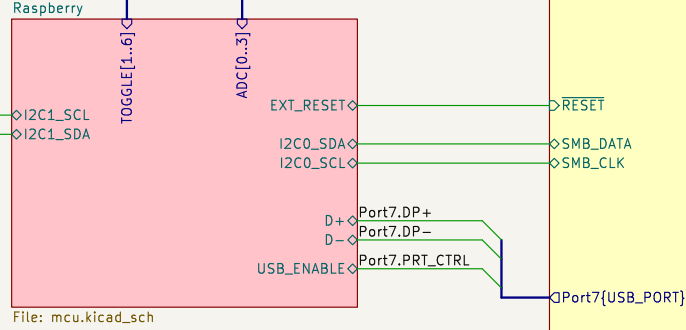
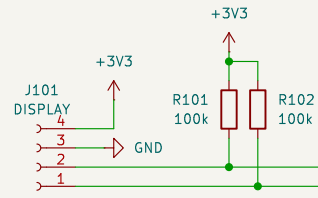


Controllable USB 3.0 HUB



Fabian Pflug

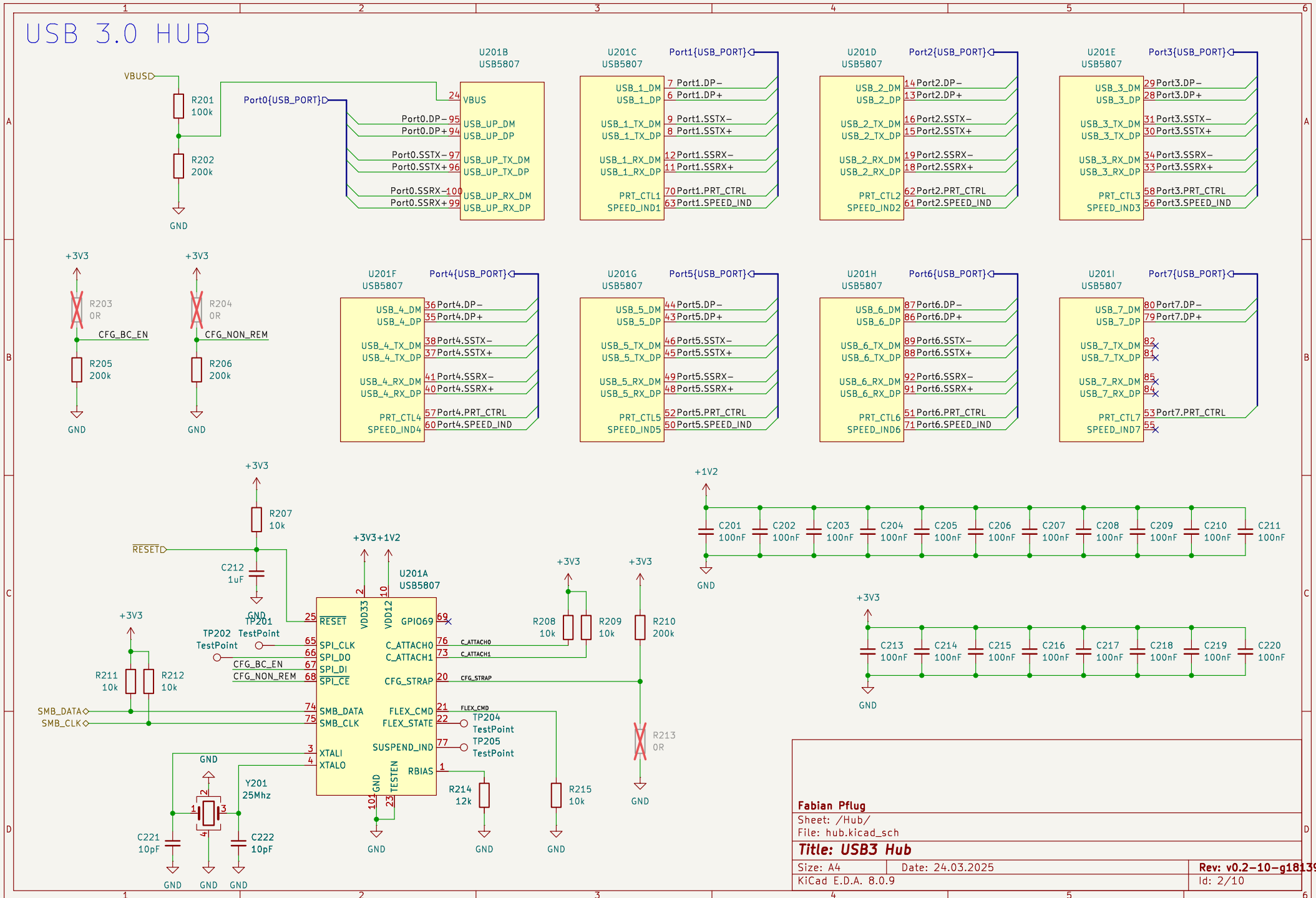
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File: usb3-hub.kicad_sch

Title: USB3 Hub

Size: A4 Date: 24.03.2025
KiCad E.D.A. 8.0.9

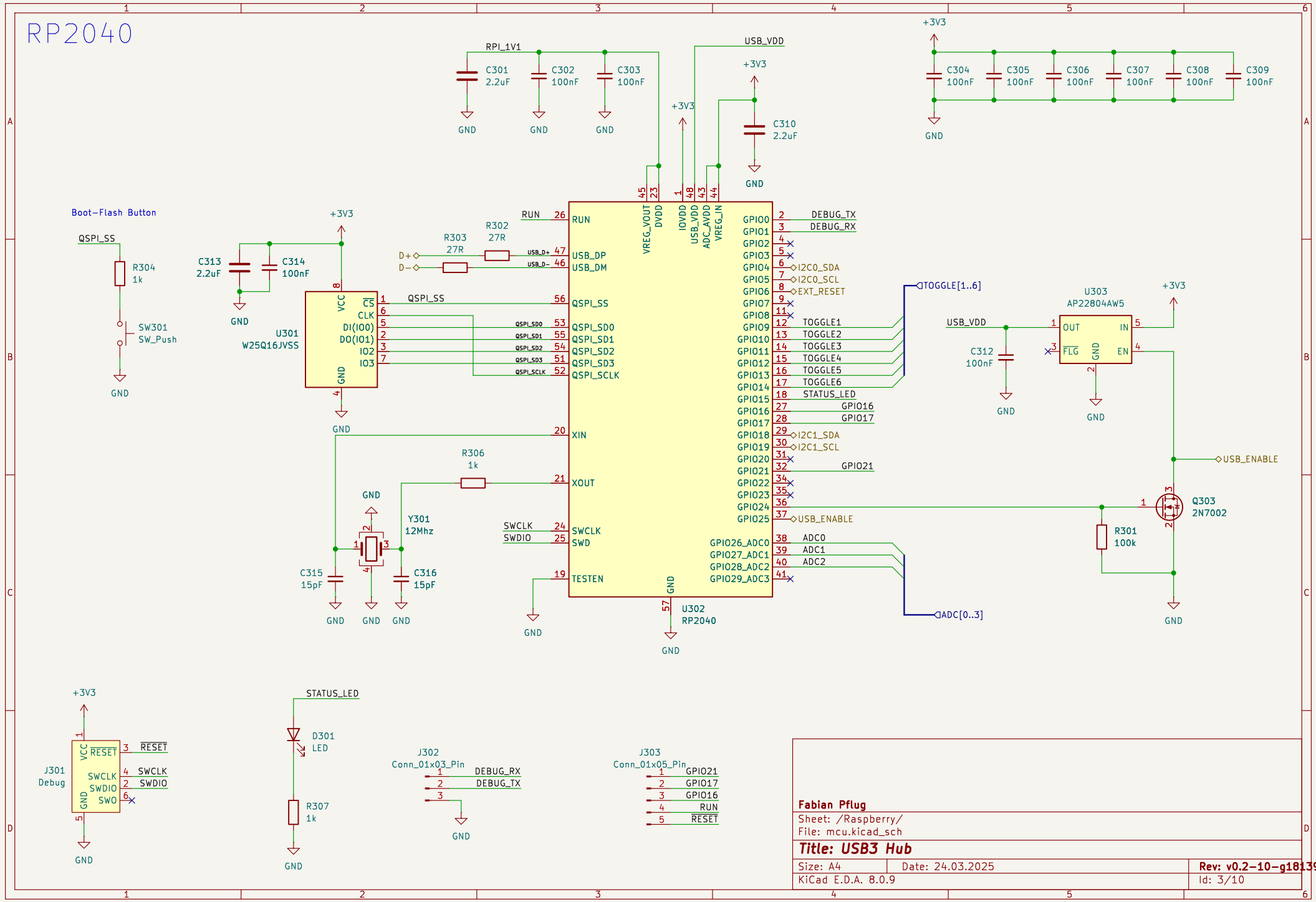
Rev: v0.2-10-g18139d8
Id: 1/10

USB 3.0 HUB



Fabian Pflug	
Sheet: /Hub/	
File: hub.kicad_sch	
Title: USB3 Hub	
Size: A4	Date: 24.03.2025
KiCad E.D.A. 8.0.9	Rev: v0.2-10-g18139d8
	Id: 2/10

RP2040

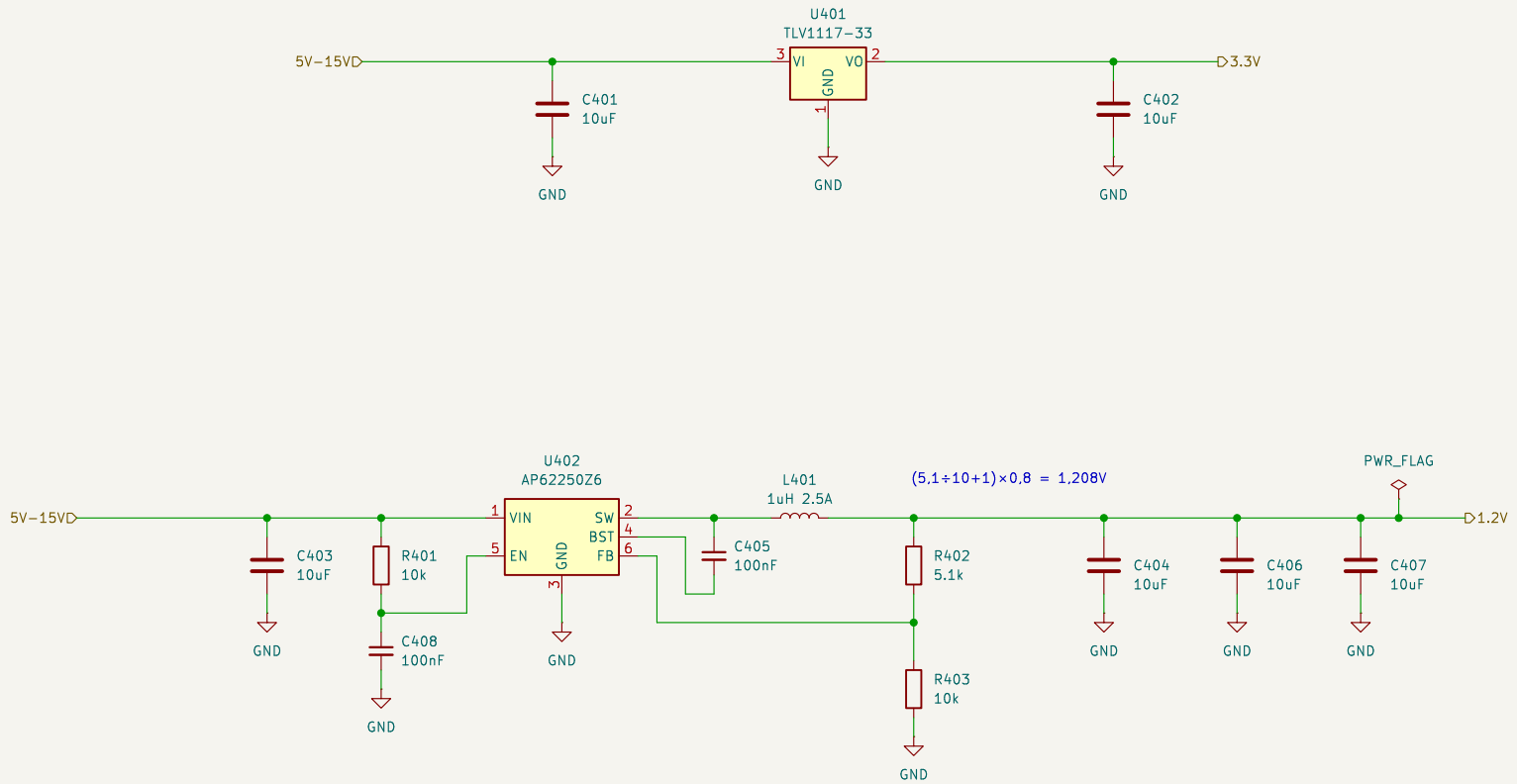


Fabian Pflug
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 File: mcu.kicad_sch

Title: USB3 Hub

Size: A4	Date: 24.03.2025	Rev: v0.2-10-g18139d8
KiCad E.D.A. 8.0.9		Id: 3/10

DC DC Converter



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Sheet: /DC-DC Conversion/
File: low_voltages.kicad_sch

Title: USB3 Hub

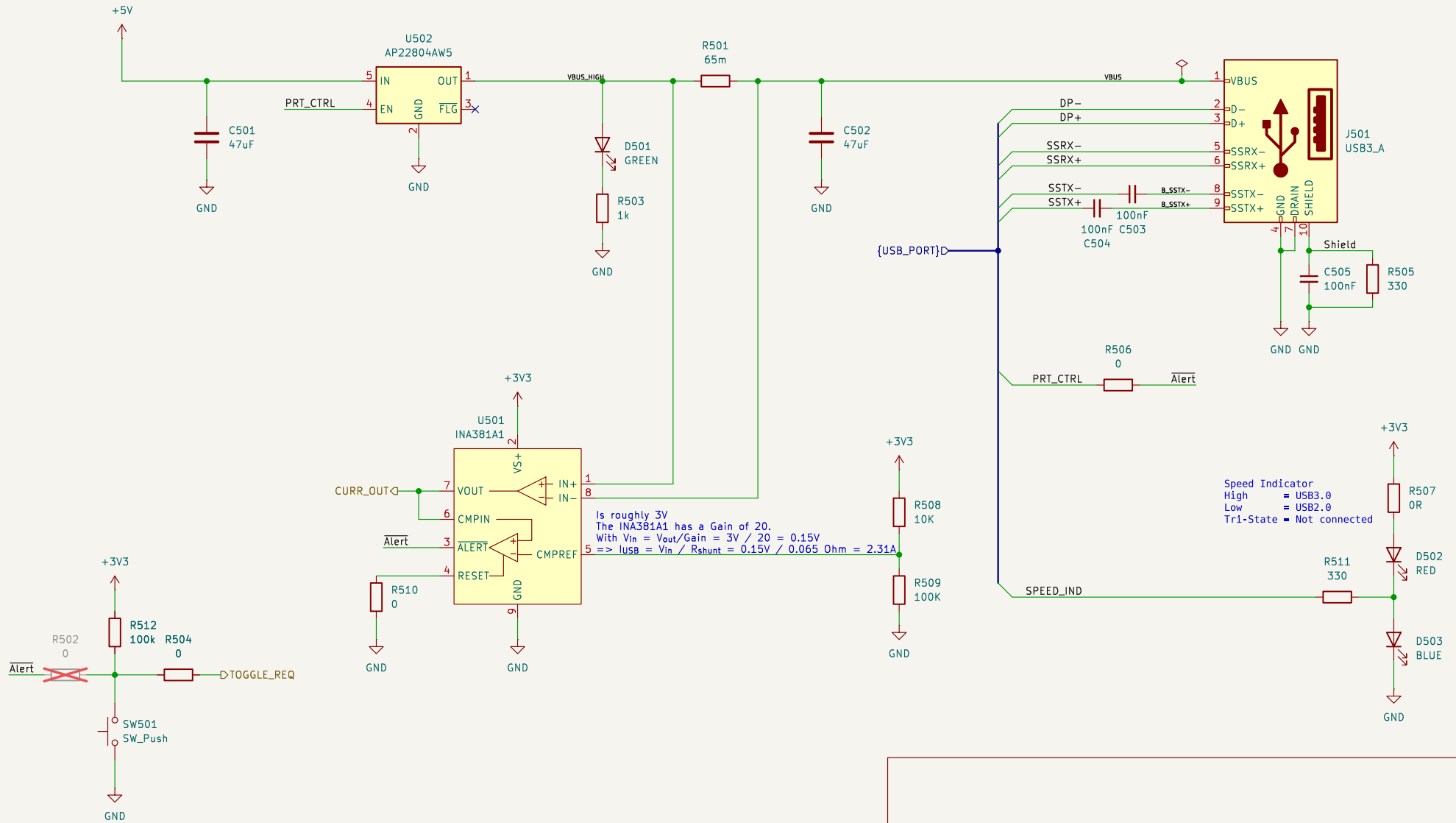
Size: A4 Date: 24.03.2025

KiCad E.D.A. 8.0.9

Rev: v0.2-10-g18139d8

Id: 4/10

Port with current measurement



Fabian Pflug

Sheet: /Port4/

File: port_current.kicad_sch

Title: USB3 Hub

Size: A4

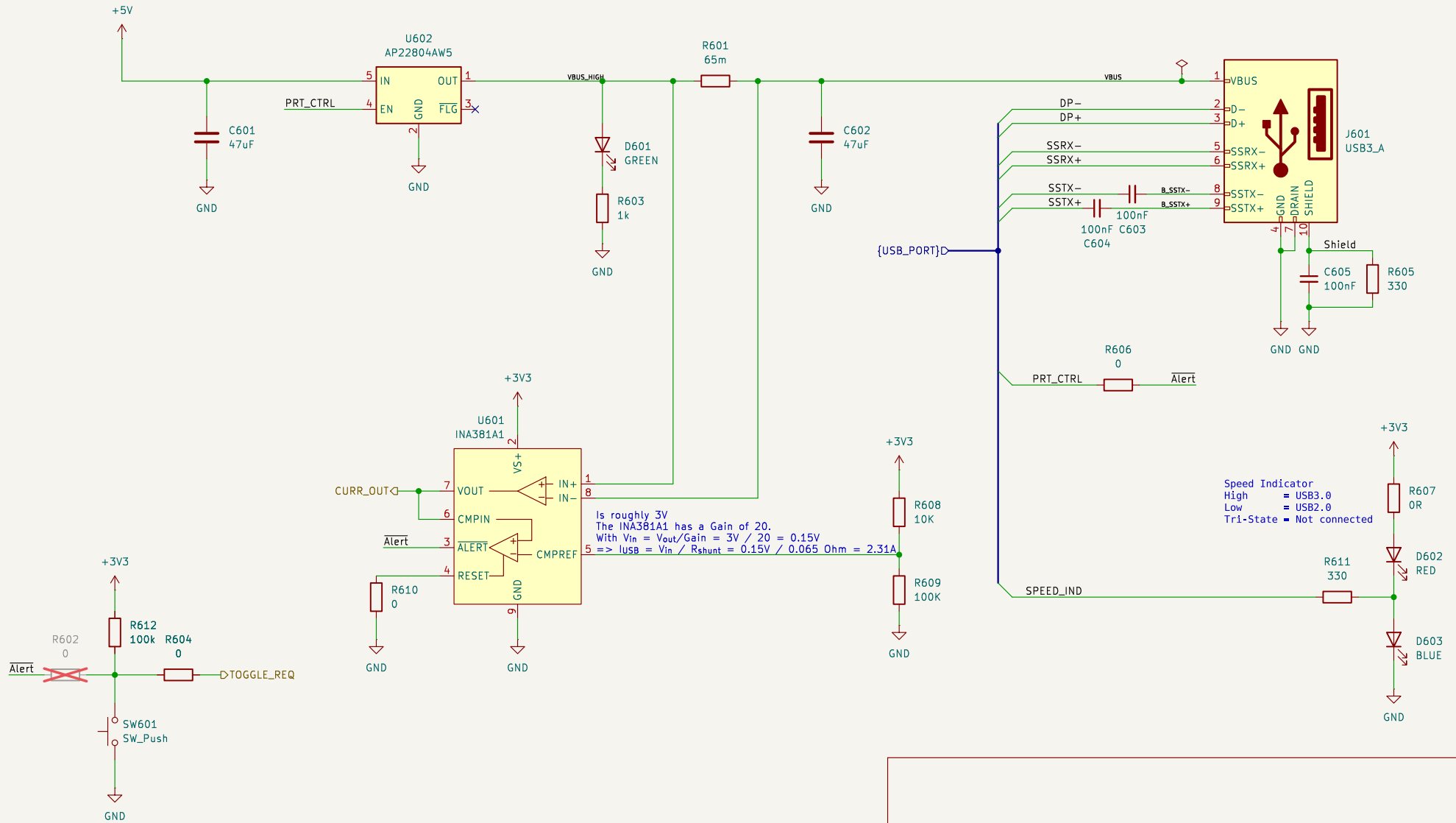
Date: 24.03.2025

KiCad E.D.A. 8.0.9

Rev: v0.2-10-g18139d8

Id: 5/10

Port with current measurement



Fabian Pflug

Sheet: /Port5/

File: port_current.kicad_sch

Title: USB3 Hub

Size: A4

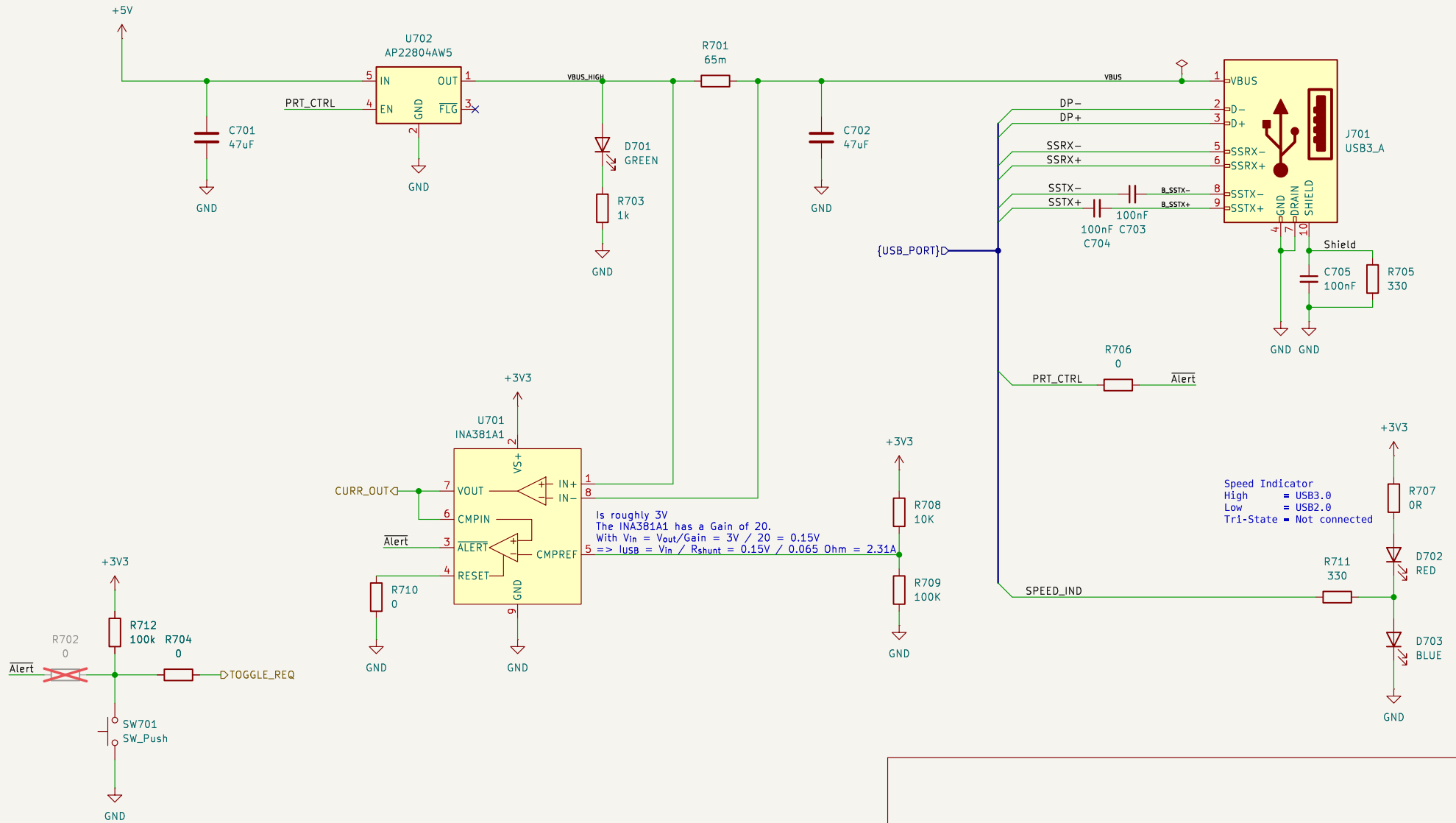
Date: 24.03.2025

KiCad E.D.A. 8.0.9

Rev: v0.2-10-g18139d8

Id: 6/10

Port with current measurement



Fabian Pflug

Sheet: /Port6/

File: port_current.kicad_sch

Title: USB3 Hub

Size: A4

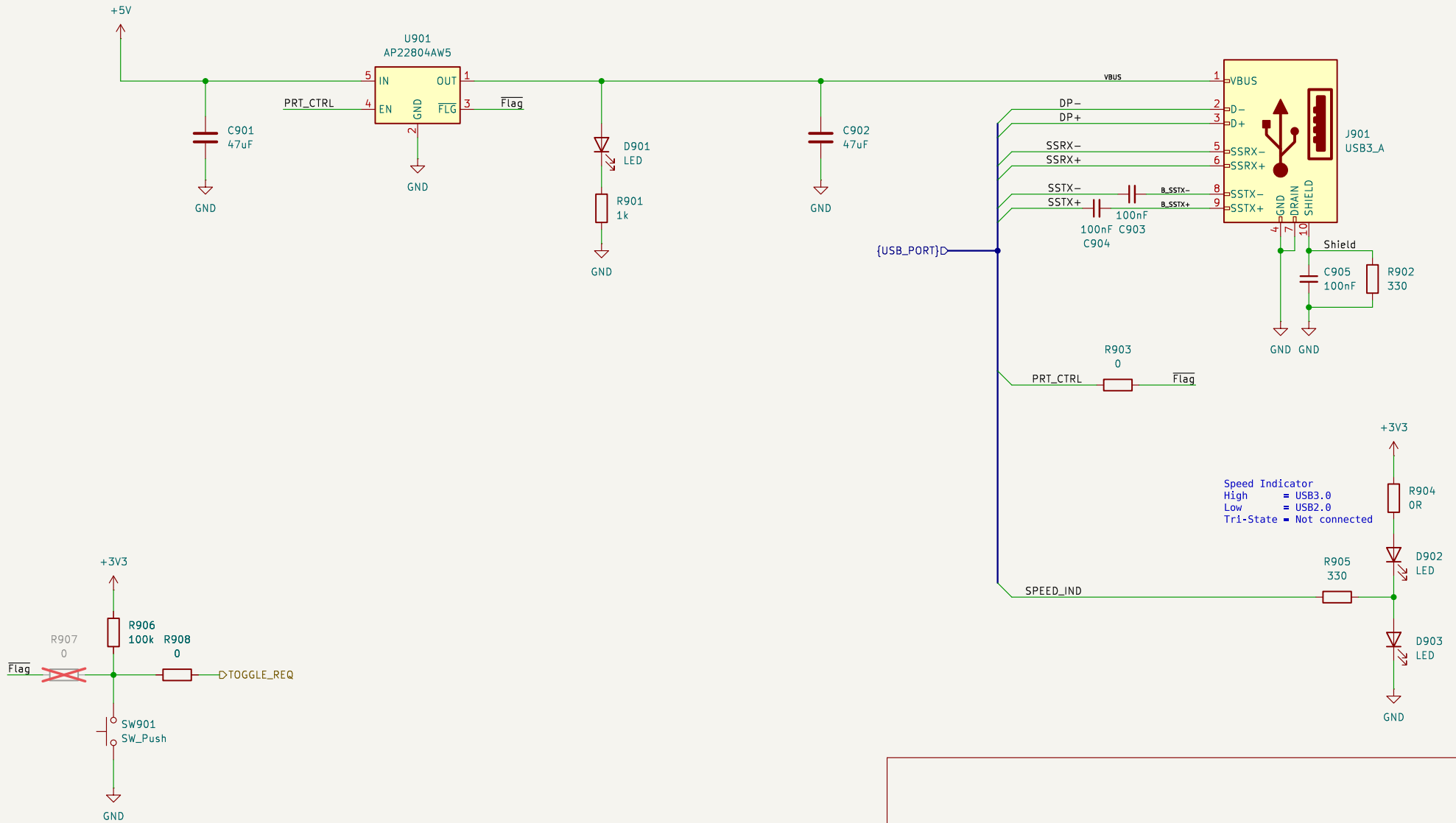
Date: 24.03.2025

KiCad E.D.A. 8.0.9

Rev: v0.2-10-g18139d8

Id: 7/10

Normal port



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Sheet: /Port2/
File: port_simple.kicad_sch

Title: USB3 Hub

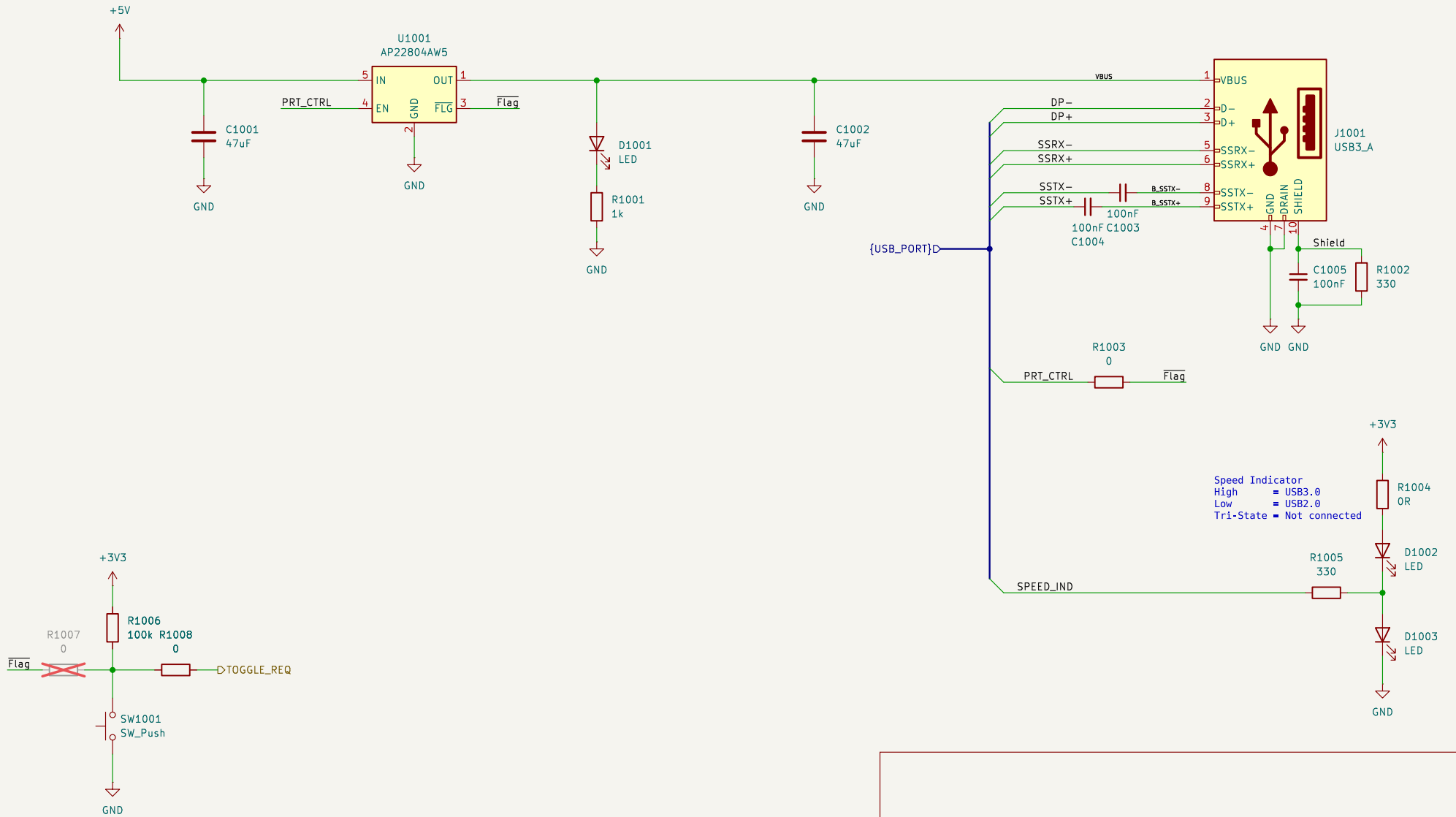
Size: A4 Date: 24.03.2025

KiCad E.D.A. 8.0.9

Rev: v0.2-10-g18139d8

Id: 9/10

Normal port



Fabian Pflug

Sheet: /Port3/

File: port_simple.kicad_sch

Title: USB3 Hub

Size: A4

Date: 24.03.2025

KiCad E.D.A. 8.0.9

Rev: v0.2-10-g18139d8

Id: 10/10