

A

A

B

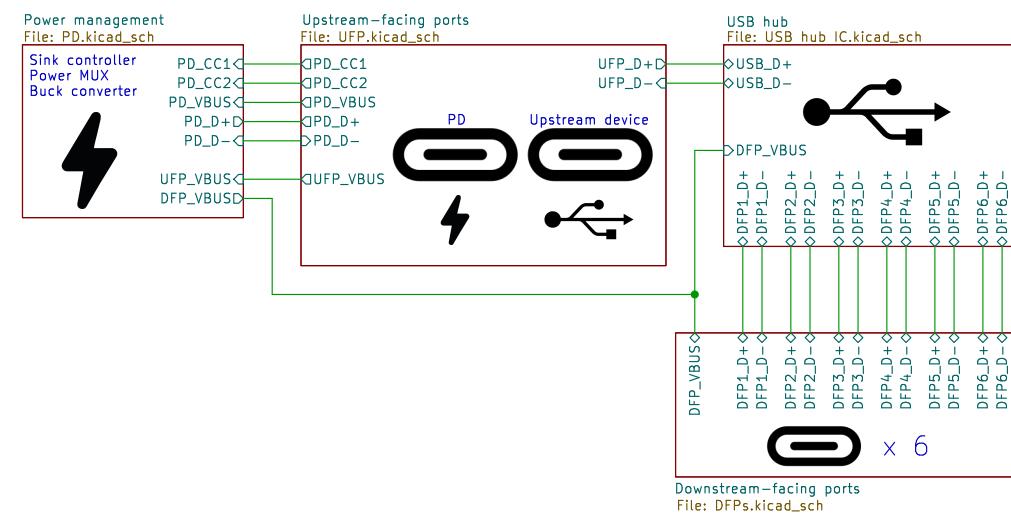
B

C

C

D

D

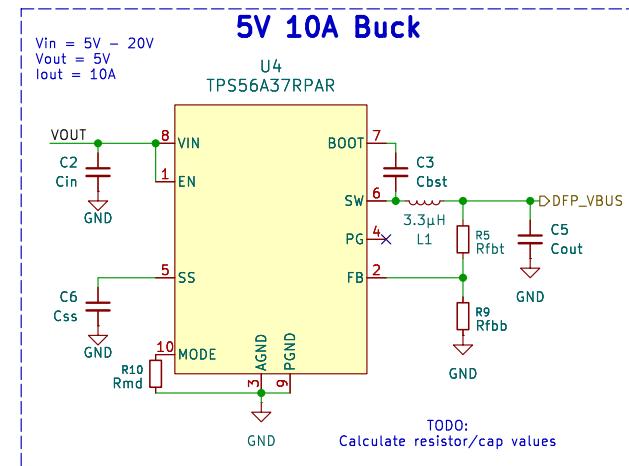
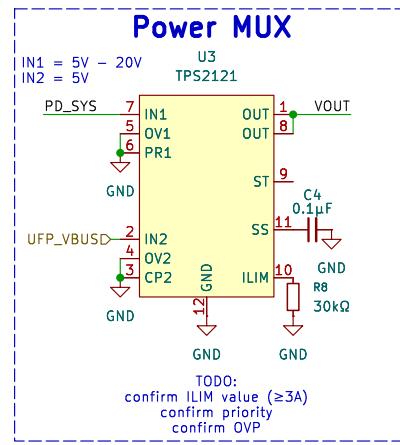
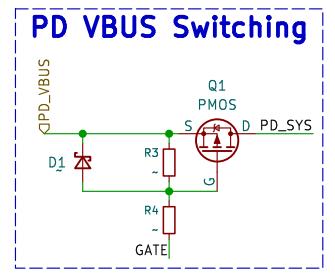
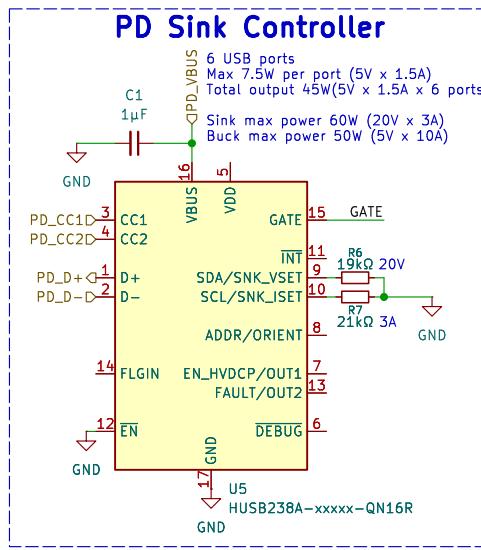
<https://pips.engineering>Sheet: /
File: Multiport USB-C 2.0 hub.kicad_sch**Title: Multiport USB-C 2.0 hub**

Size: A4 Date: 2025-12-10

KiCad E.D.A. 9.0.3

Rev: R1

Id: 1/5



TYPICAL APPLICATION CIRCUITS

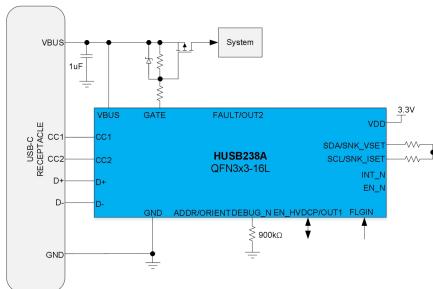
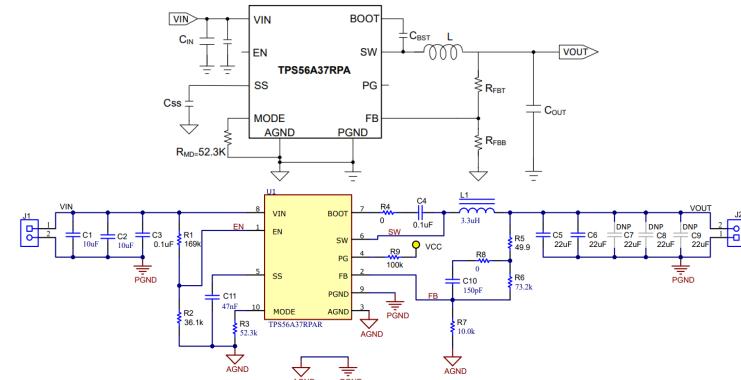


Figure 4. HUS8238A configured as GPIO mode (Maximum 28V)



<https://pips.engineering>

Sheet: /Power management/
File: PD.kicad_sch

Title: Power delivery components

Size: A4 Date: 2025-12-10
KiCad E.D.A. 9.0.3

Rev: R1
Id: 3/5

A

A

B

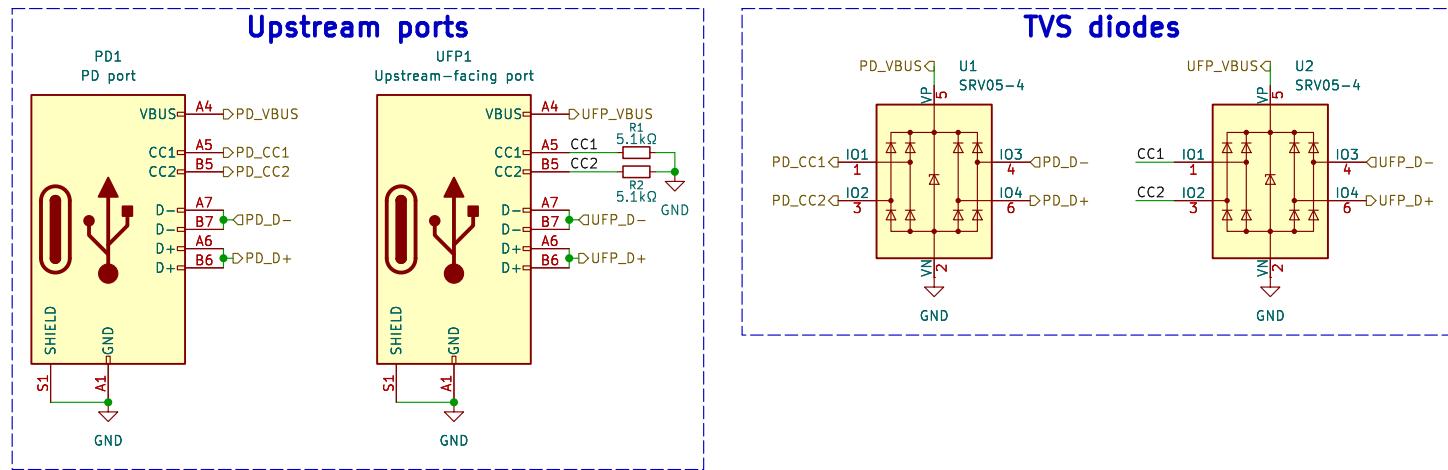
B

C

C

D

D

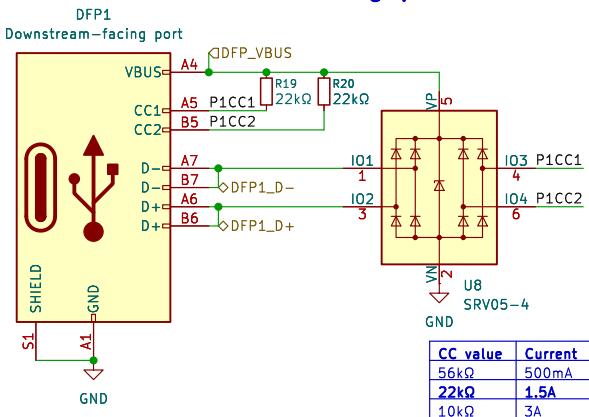
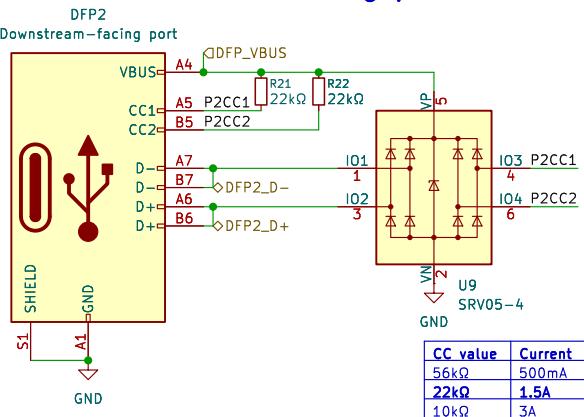
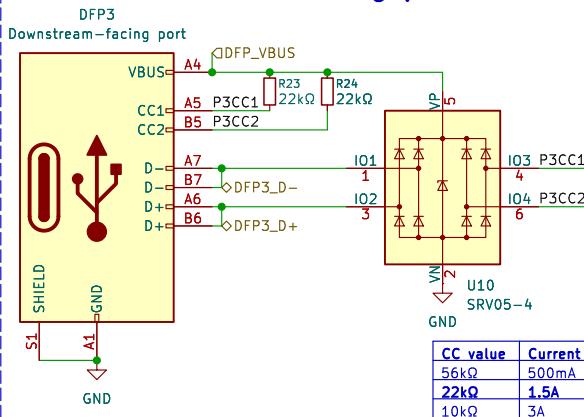
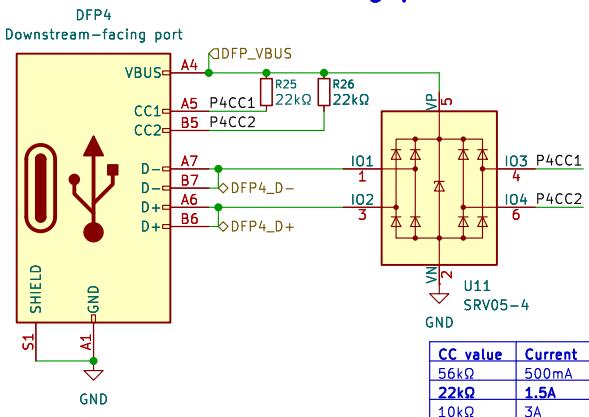
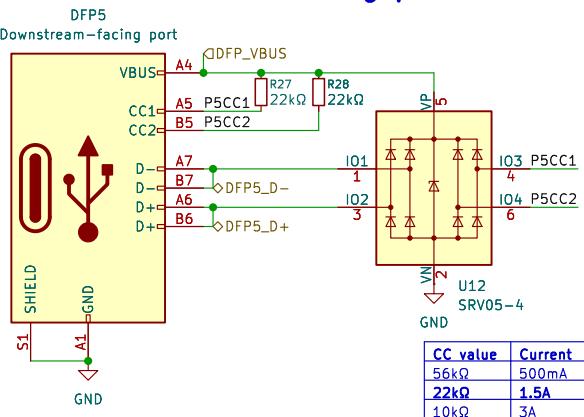
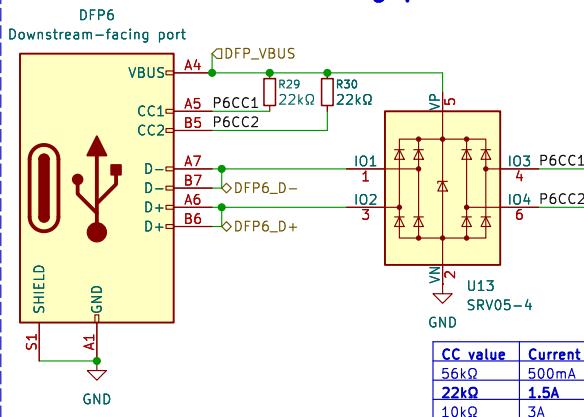
<https://pips.engineering>

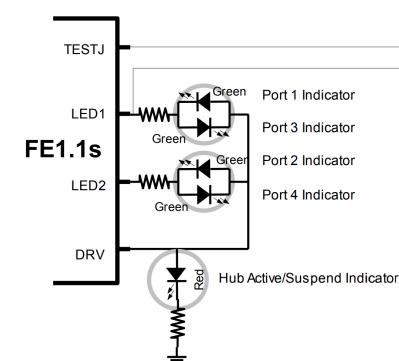
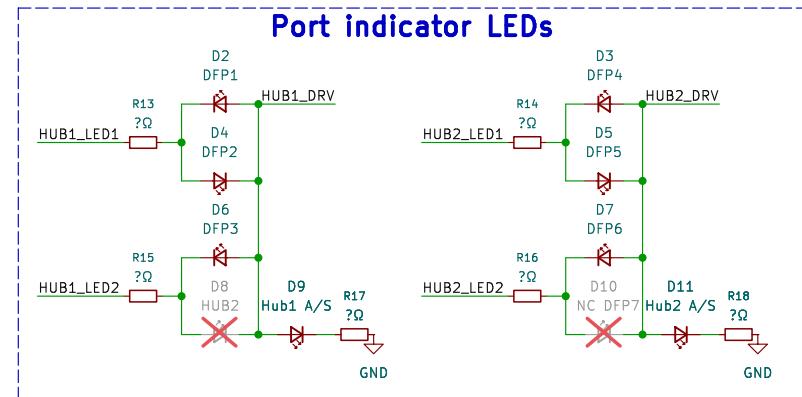
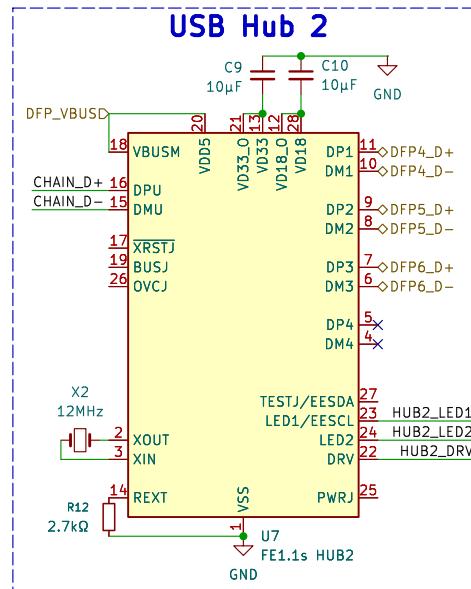
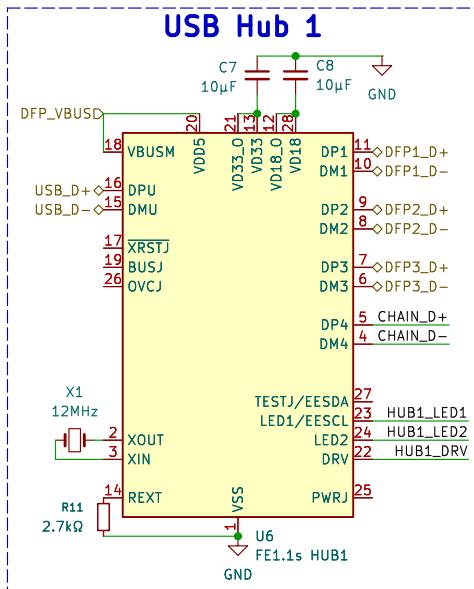
Sheet: /Upstream-facing_ports/
File: UFP.kicad_sch

Title: Upstream-facing ports

Size: A4 Date: 2025-12-10
KiCad E.D.A. 9.0.3

Rev: R1
Id: 2/5

Downstream-facing port 1**Downstream-facing port 2****Downstream-facing port 3****Downstream-facing port 4****Downstream-facing port 5****Downstream-facing port 6**<https://pips.engineering>Sheet: /Downstream-facing_ports/
File: DFPs.kicad_sch**Title: Downstream-facing ports**Size: A4 Date: 2025-12-10
KiCad E.D.A. 9.0.3Rev: R1
Id: 5/5



<https://pips.engineering>

Sheet: /USB hub/
File: USB hub IC.kicad_sch

Title: USB 2.0 hub controllers + LEDs

Size: A4 Date: 2025-12-10

Rev: R1

Id: 4/5

KiCad E.D.A. 9.0.3