

A

A

B

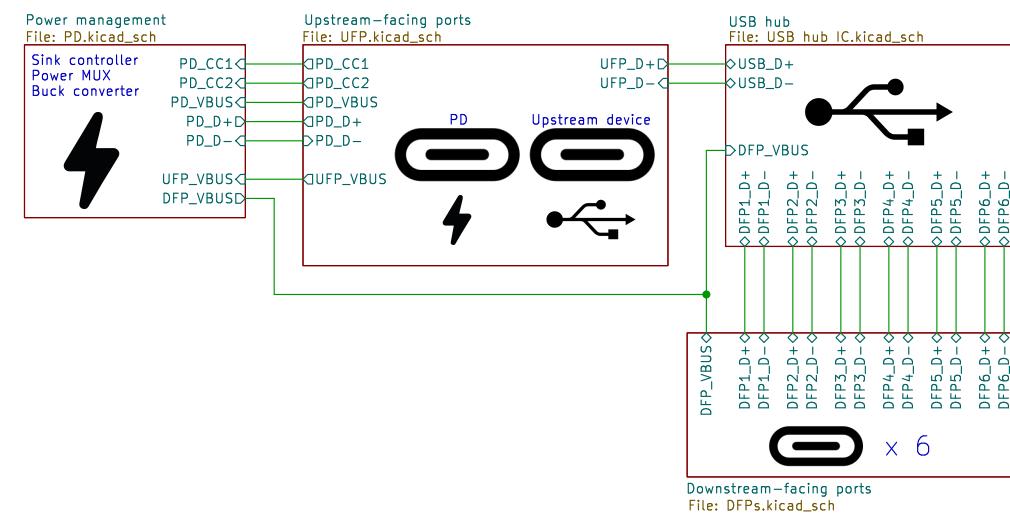
B

C

C

D

D

<https://pips.engineering>

Sheet: /
File: Multiport USB-C 2.0 hub.kicad_sch

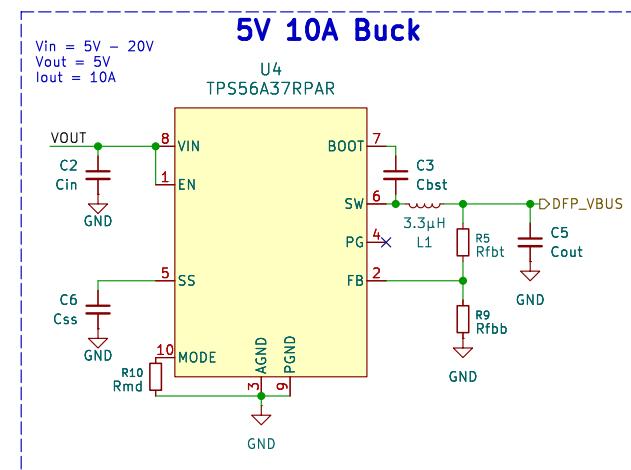
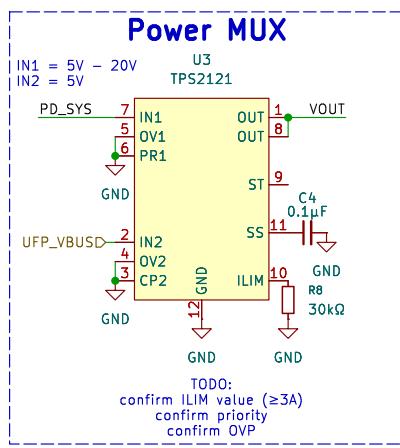
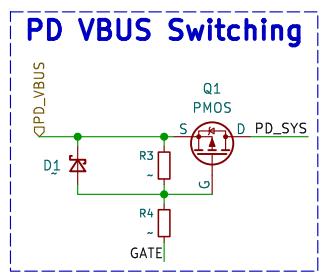
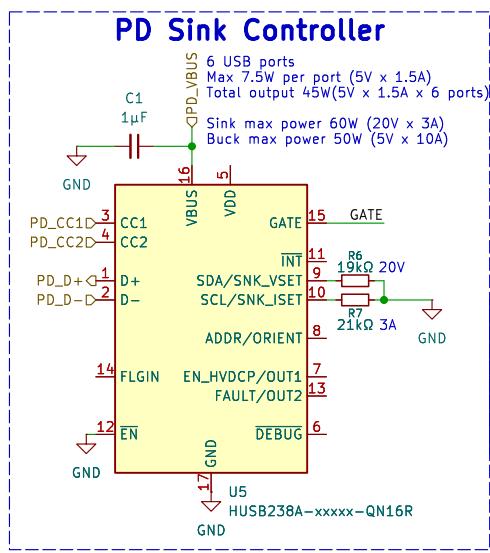
Title: Multiport USB-C 2.0 hub

Size: A4 Date: 2025-12-10

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Rev: R1

Id: 1/5



TYPICAL APPLICATION CIRCUITS

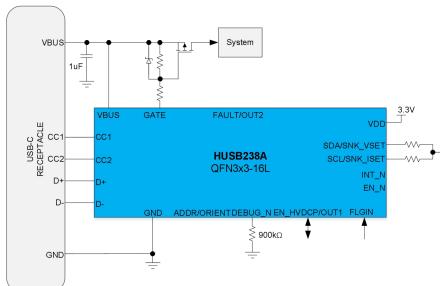
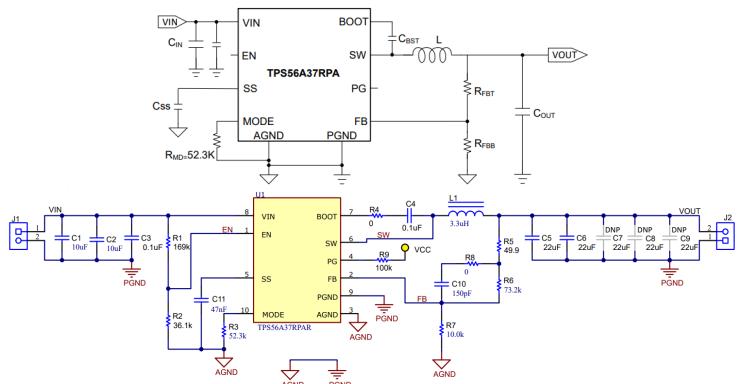


Figure 4. HUS8238A configured as GPIO mode (Maximum 28V).



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Sheet: /Power management/
File: PD.kicad_sch

Title: Power delivery components

Size: A4 Date: 2025-12-10
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Rev: R1
Id: 3/5

A

A

B

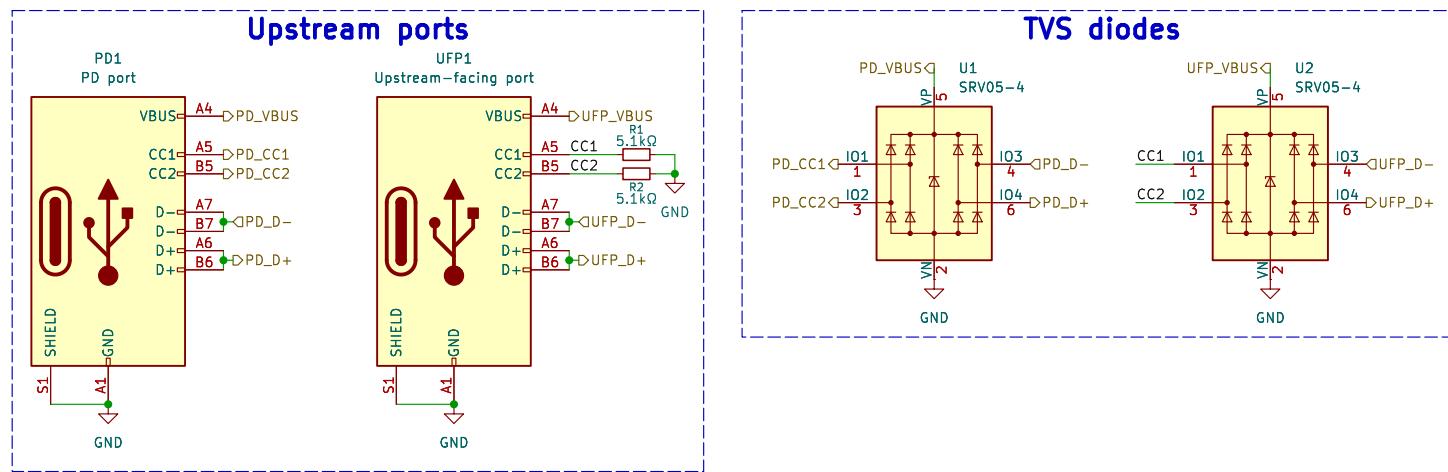
B

C

C

D

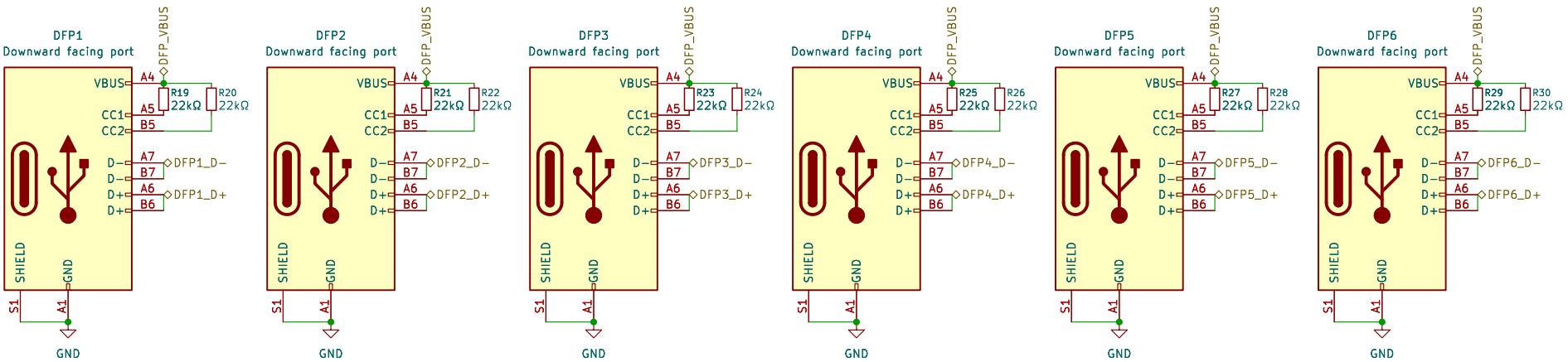
D

<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. 9.0.3Rev: R1
Id: 2/5

A

CC value	Current
56kΩ	500mA
22kΩ	1.5A
10kΩ	3A

B



C

D

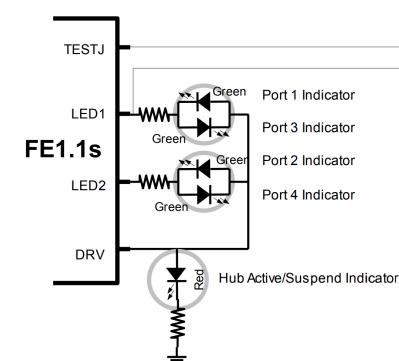
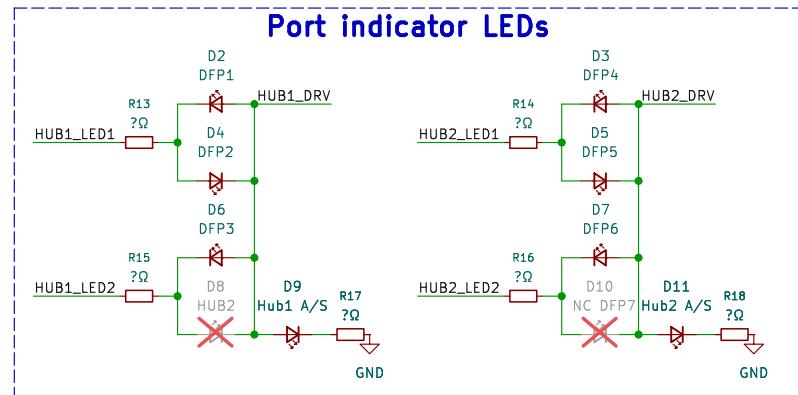
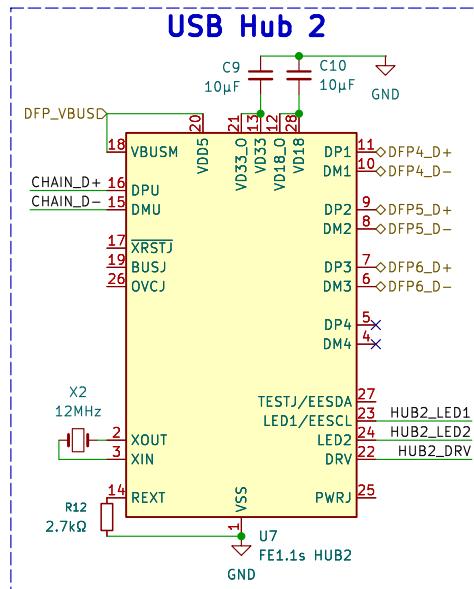
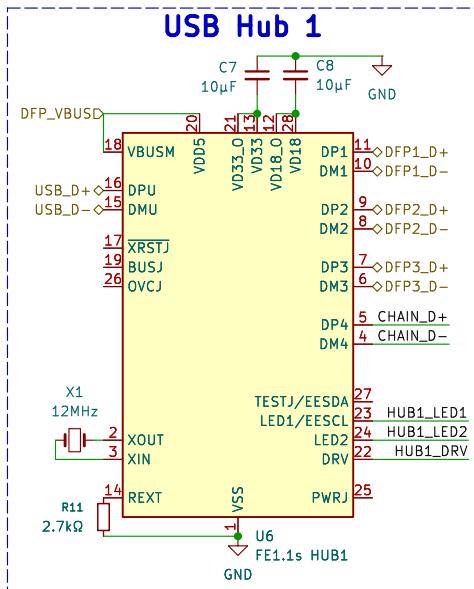
<https://pips.engineering>

Sheet: /Downstream-facing_ports/
File: DFPs.kicad_sch

Title: Downstream-facing ports

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

Rev: R1
Id: 5/5



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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