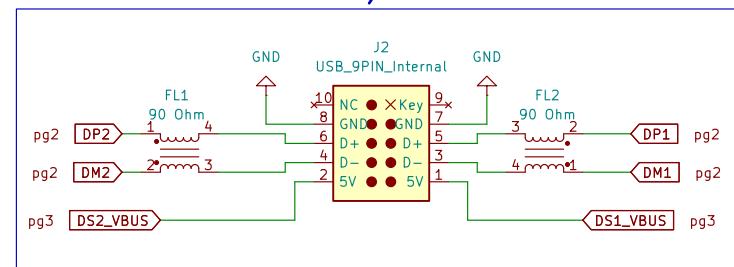


DOWNSTREAM PORT1 / PORT2



Initial Connectors

Based on:

[https://wiki.congatec.com/wiki/M.2_Pinout_Descriptions_and_Reference_Designs_\(AN43\)](https://wiki.congatec.com/wiki/M.2_Pinout_Descriptions_and_Reference_Designs_(AN43))
<https://www.ti.com/lit/ug/sllu146d/sllu146d.pdf>

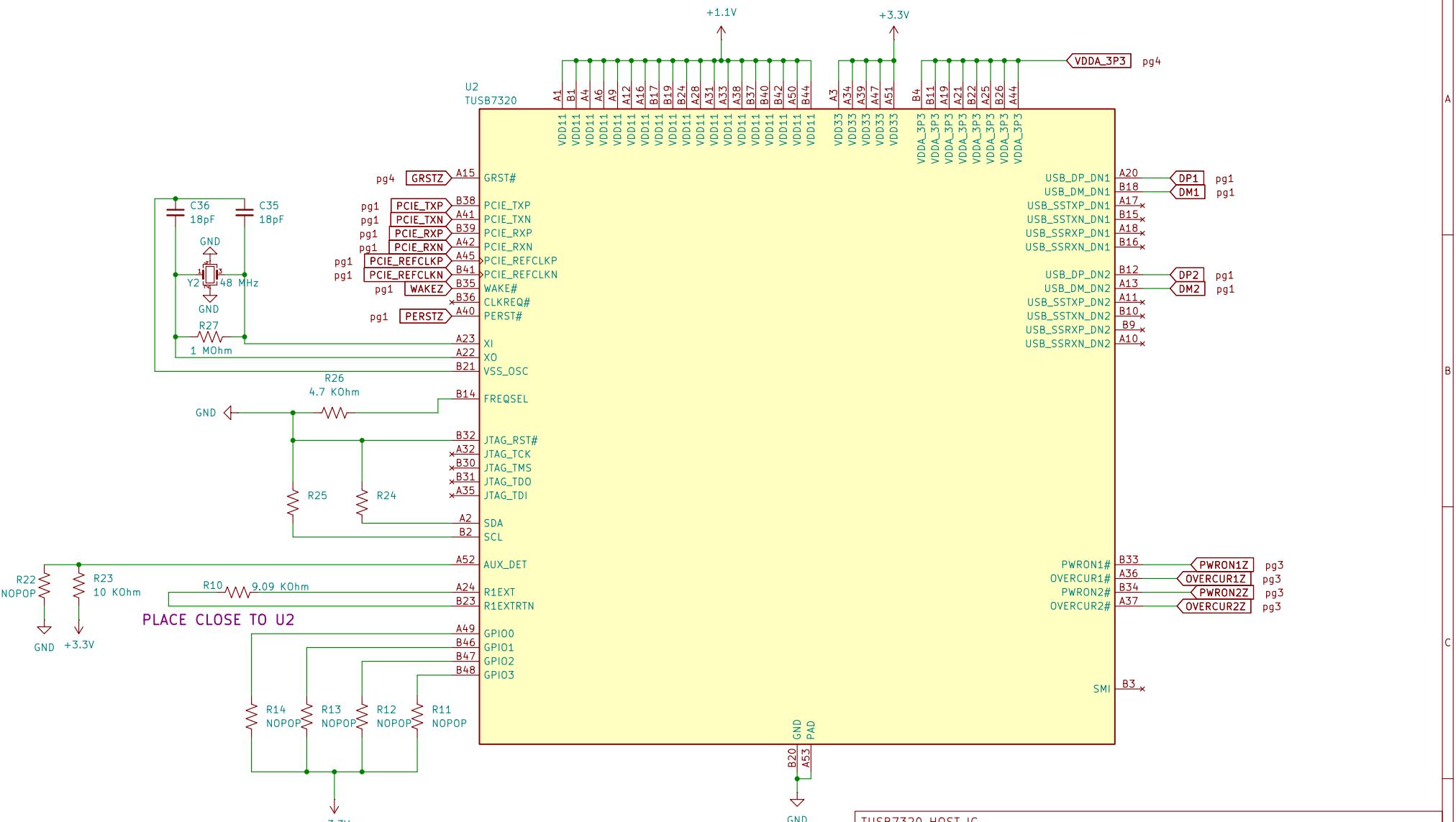
3mdeb Sp. z o.o Jakub Sobota

Sheet: /
 File: PCI2USB.kicad_sch

Title: PCI2USB

Size: A4 Date: 2025-11-17
 KiCad E.D.A. 9.0.5

Rev: 1.0.0
 Id: 1/4



TUSB7320 HOST IC
Based on:
<https://www.ti.com/lit/ug/sllu146d/sllu146d.pdf>
<https://www.ti.com/lit/ds/symlink/tusb7340.pdf>

3mdeb Sp. z o.o. Jakub Sobota

Sheet: /TUSB7320/
File: USBController.kicad_sch

Title: PCI2USB

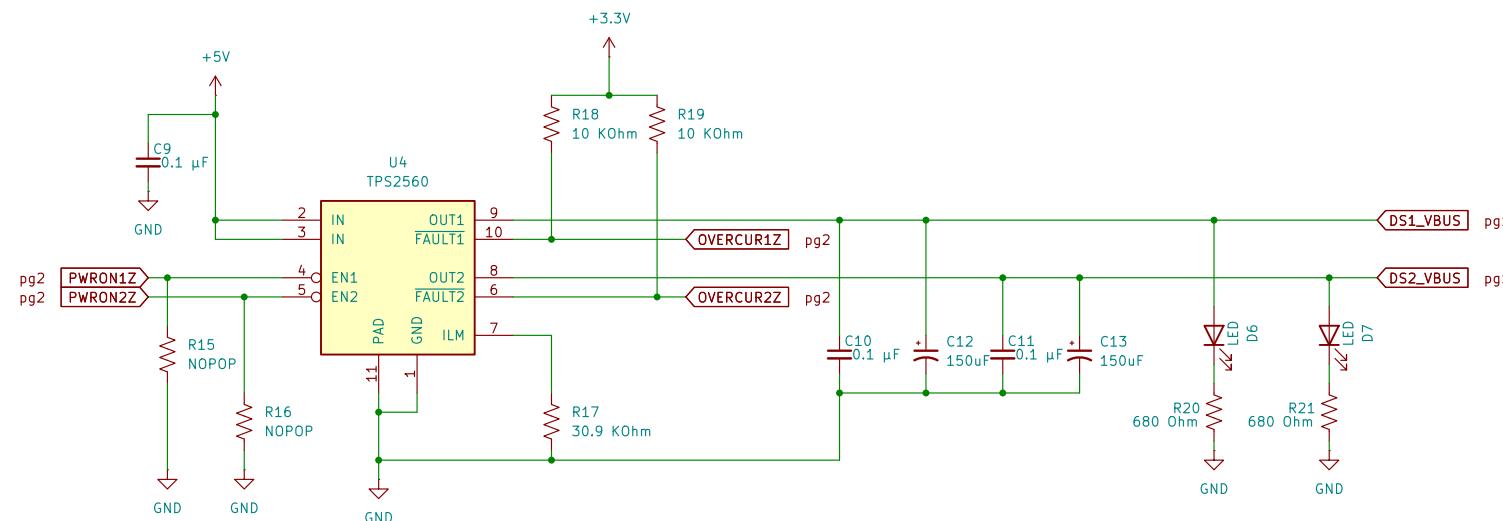
Size: A4 Date: 2025-11-13

KiCad E.D.A. 9.0.5

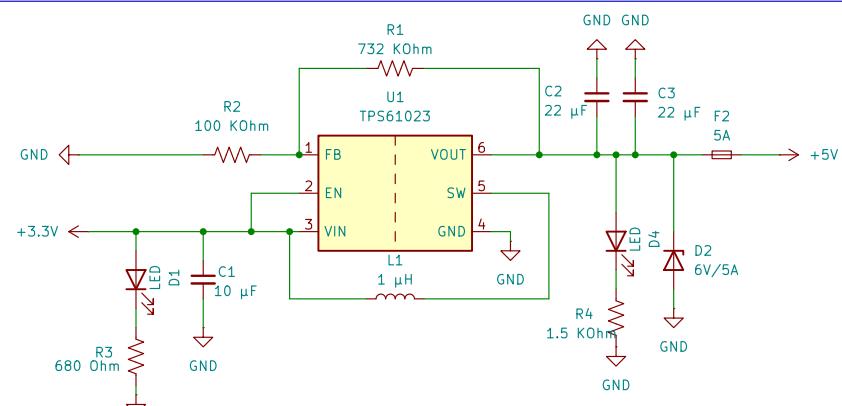
Rev: 1.0.0

Id: 2/4

DOWNSTREAM POWER SWITCH



5V REGULATOR



USB Power

Based on:

<https://www.ti.com/lit/ug/sllu146d/sllu146d.pdf>

<https://www.ti.com/lit/ds/symlink/tps61023.pdf>

3mdeb Sp. z o.o. Jakub Sobota

Sheet: /USB Power/

File: USB Power.kicad_sch

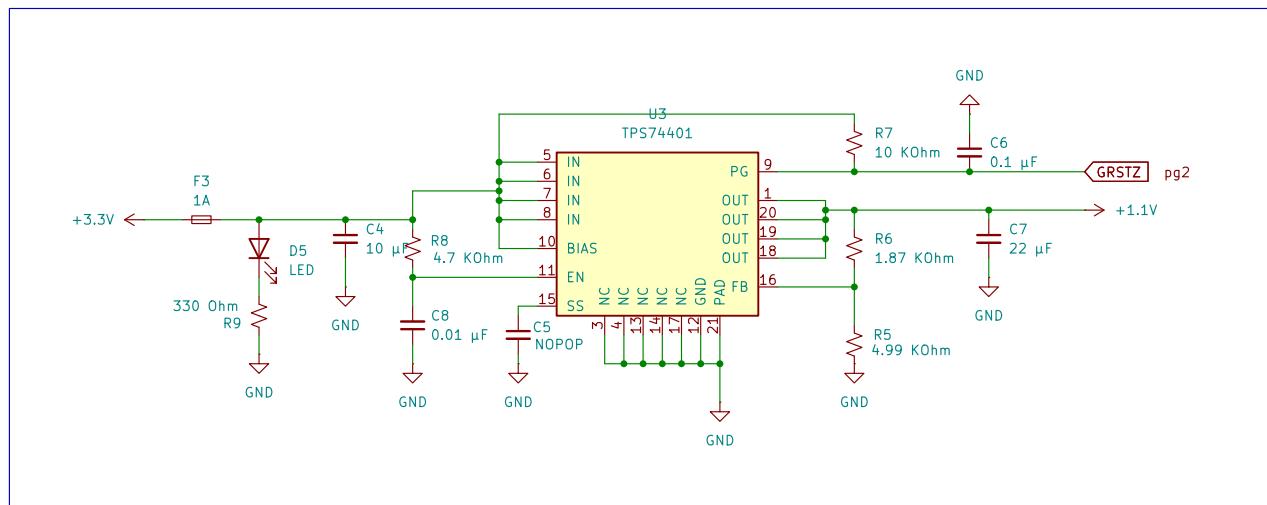
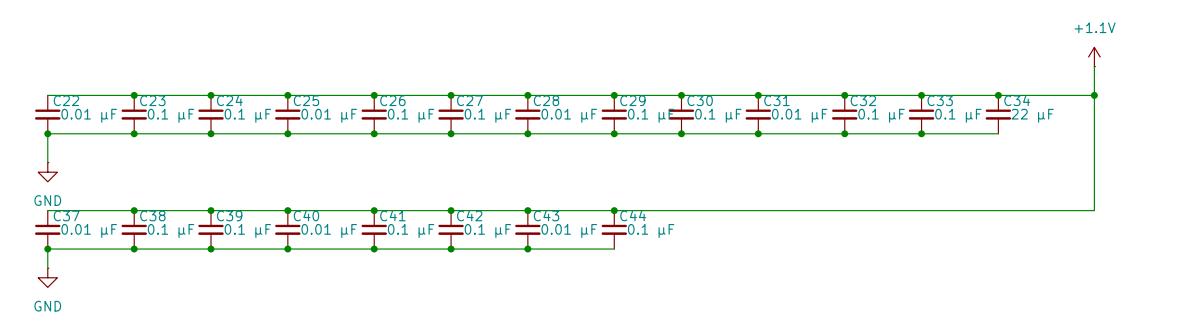
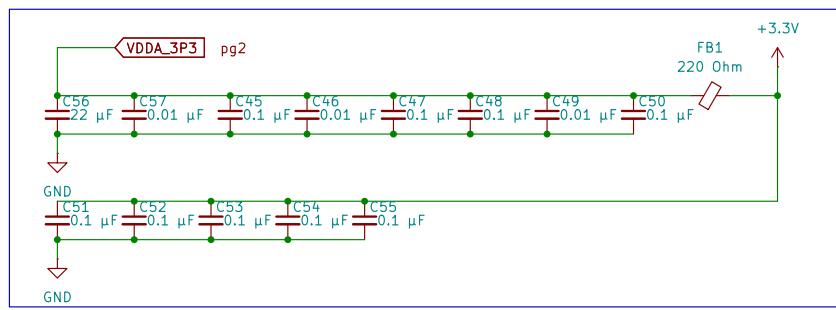
Title: PCI2USB

Size: A4 Date: 2025-10-13

KiCad E.D.A. 9.0.5

Rev: 1.0.0

Id: 3/4

1.1V REGULATOR**1.1V LINE CAPACITORS****3.3V LINE CAPACITORS****1.1V Regulator**

Based on:

<https://www.ti.com/lit/ug/sllu146d/sllu146d.pdf><https://www.ti.com/lit/ds/symlink/tps74401.pdf>**3mdeb Sp. z o.o Jakub Sobota**

Sheet: /TUSB7320 Power/

File: TUSB7320 Power.kicad_sch

Title: PCI2USB

Size: A4 Date: 2025-10-29

KiCad E.D.A. 9.0.5

Rev: 1.0.0

Id: 4/4