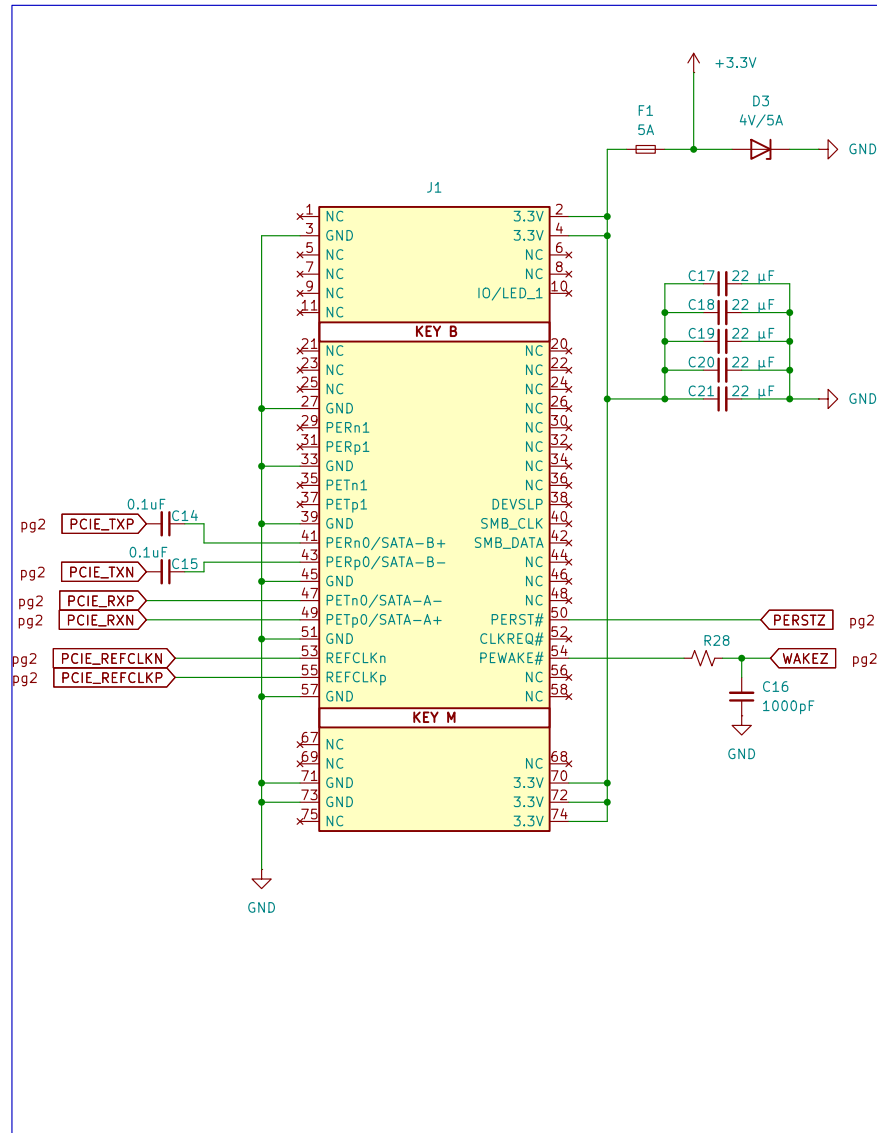
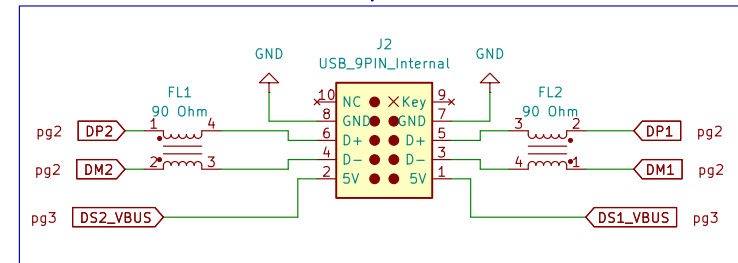


PCIe M2 Key M+B



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

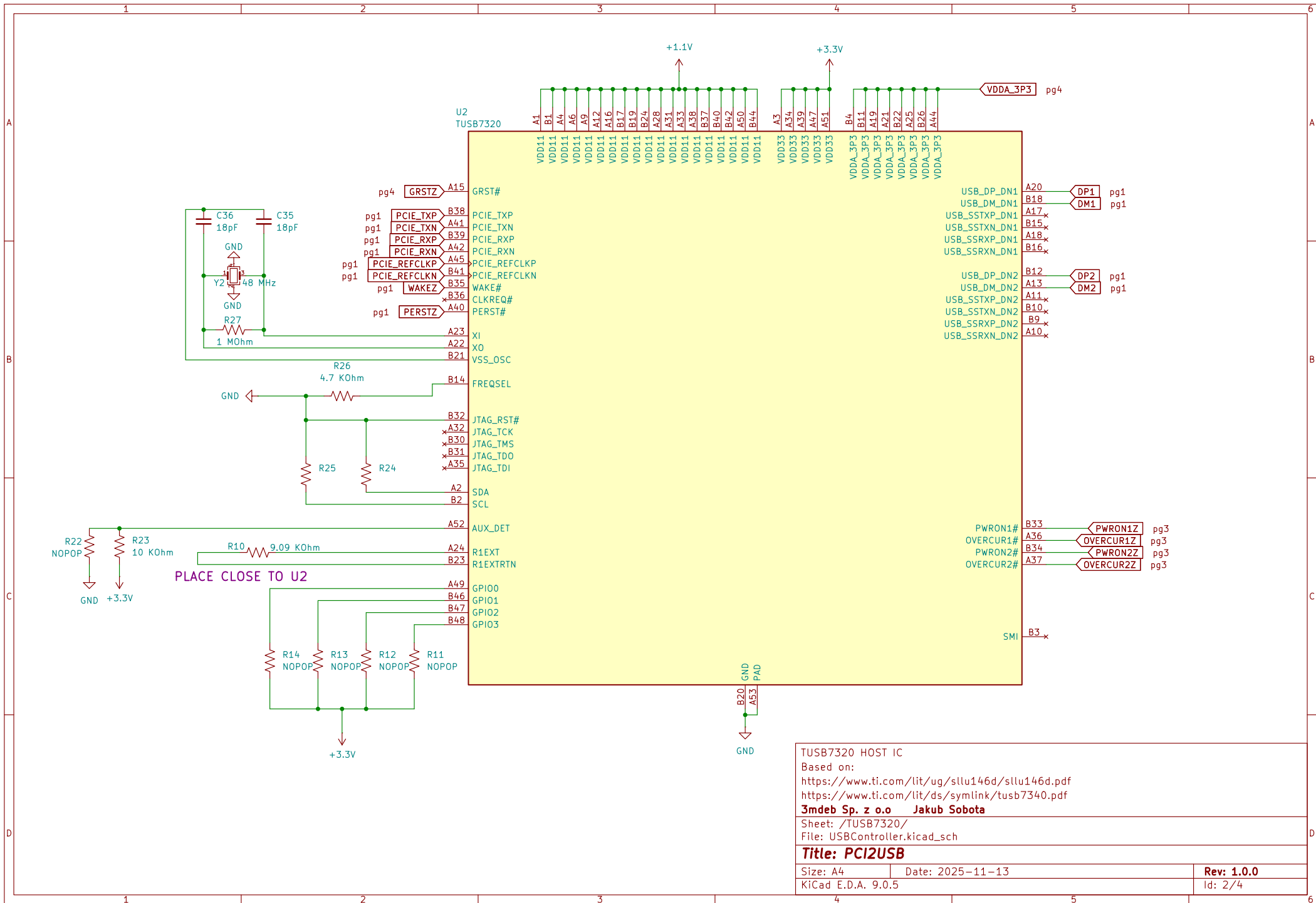
Title: PCI2USB

Size: A4 Date: 2025-11-17

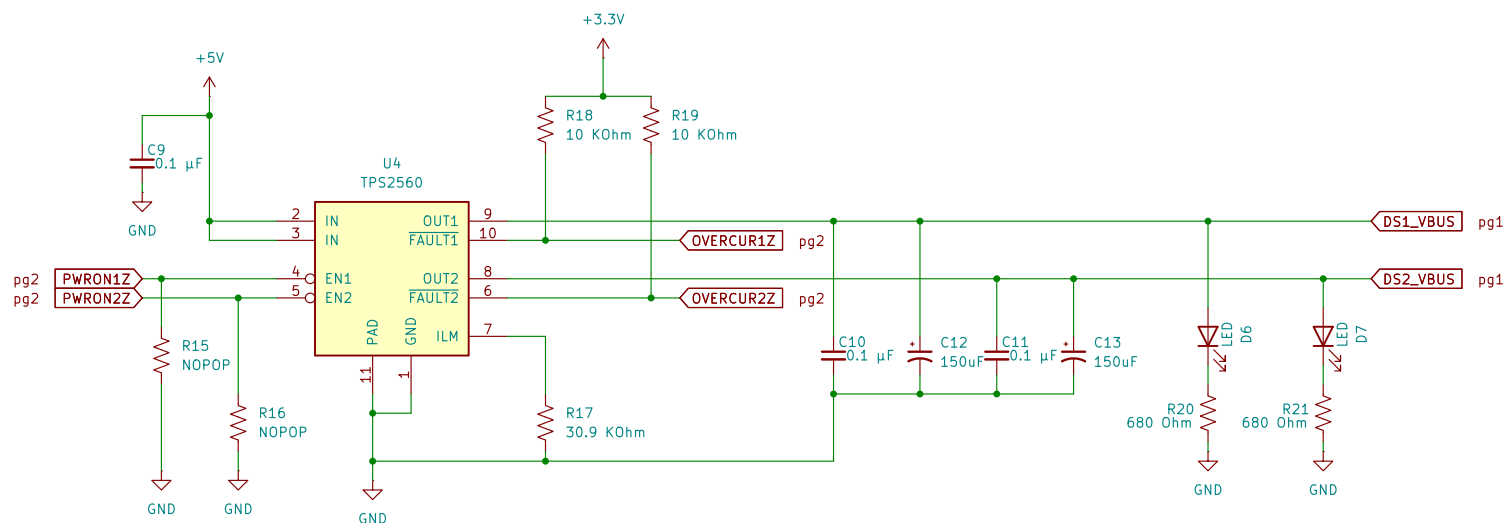
KiCad E.D.A. 9.0.5

Rev: 1.0.0

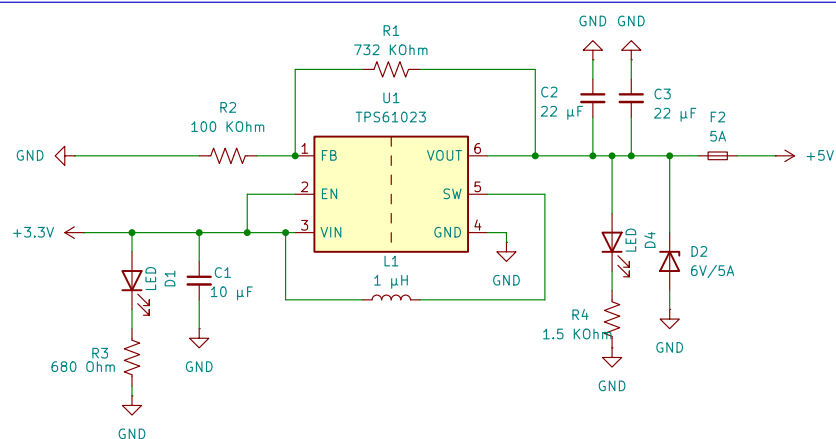
Id: 1/4



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

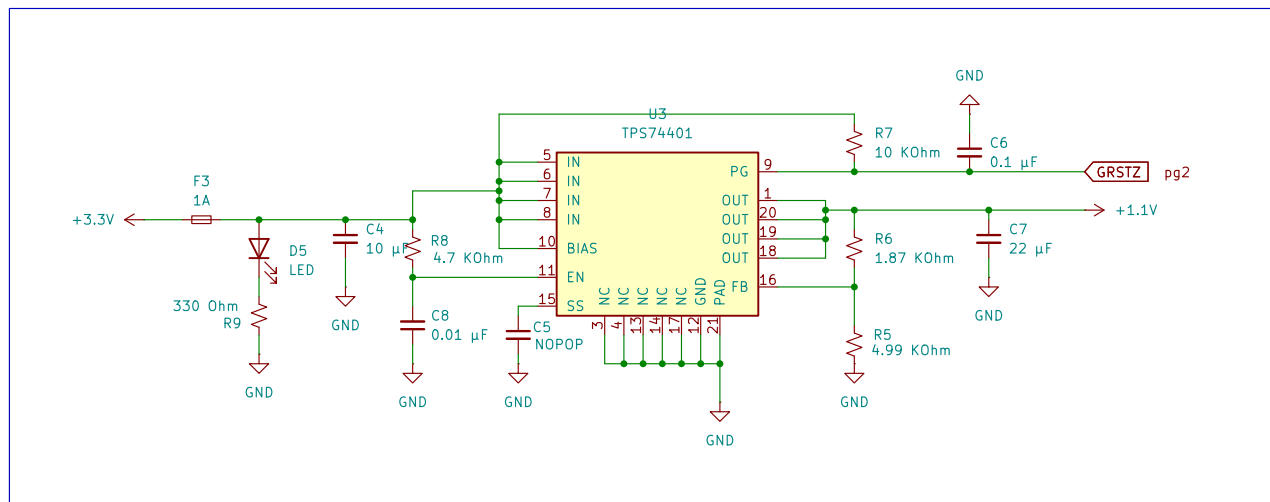
Size: A4 Date: 2025-10-13

KiCad E.D.A. 9.0.5

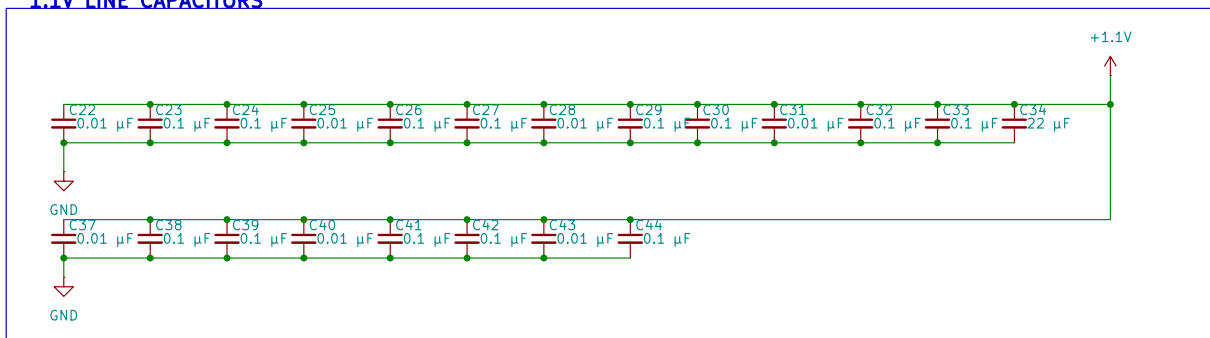
Rev: 1.0.0

Id: 3/4

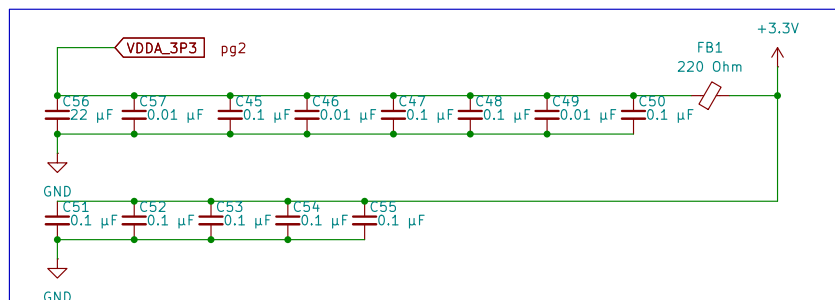
1.1V REGULATOR



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