

Thunderbolt – PCIe Adapter

Connectors



File: connectors.kicad_sch

Power



File: power.kicad_sch

Thunderbolt Controller – Power



File: tb-power.kicad_sch

TB Controller



File: tb.kicad_sch

-  FID1
FiduciaL1mm_Mask3mm
-  FID2
FiduciaL1mm_Mask3mm
-  FID3
FiduciaL1mm_Mask3mm
-  FID4
FiduciaL1mm_Mask3mm

-  FID5
FiduciaL1mm_Mask3mm
-  FID6
FiduciaL1mm_Mask3mm
-  FID7
FiduciaL1mm_Mask3mm
-  FID8
FiduciaL1mm_Mask3mm

Logo N1
antmicro_logo

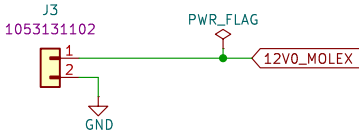
Antmicro Ltd.
www.antmicro.com

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File: thunderbolt-pcie-adapter.kicad_sch

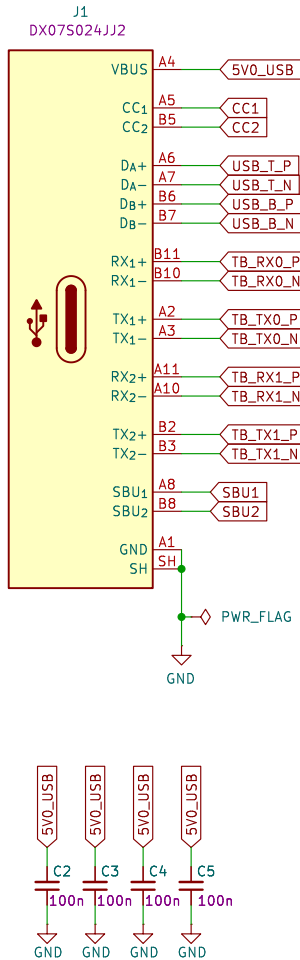
Title: Thunderbolt PCIe Adaper

Size: A3	Date: 2024-07-09	Rev: 1.0.3:e11ebe20
KiCad E.D.A. 9.0.7		Id: 1/5

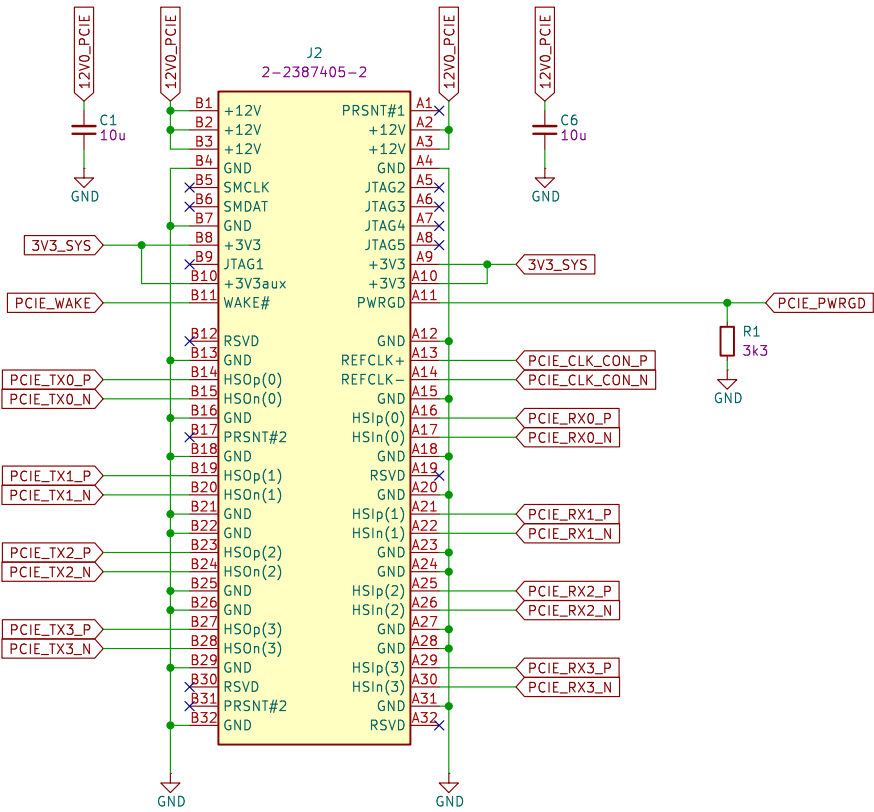
+12V Molex Connector



USB-C Connector



PCI Express Connector



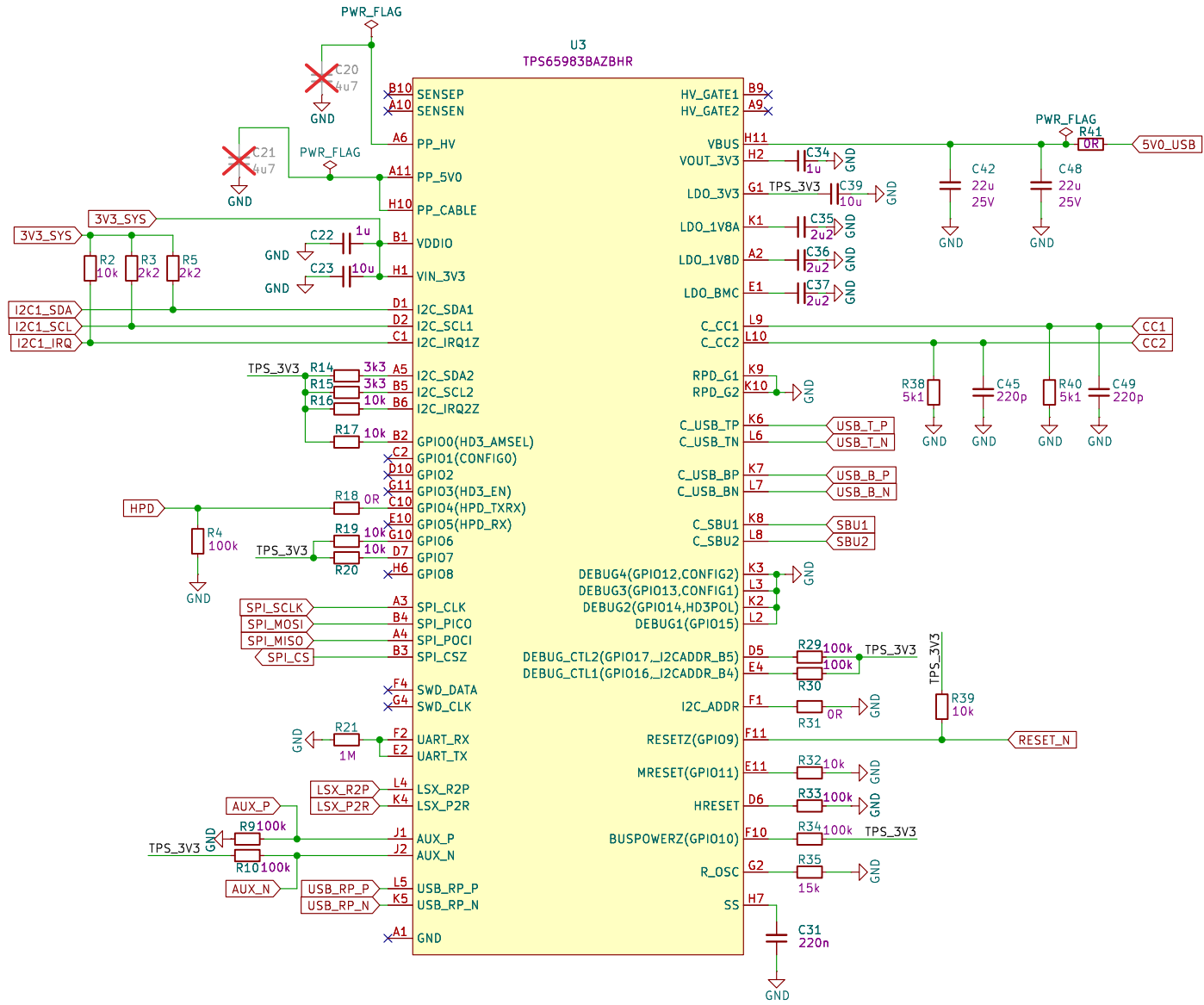
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Sheet: /Connectors/
File: connectors.kicad_sch

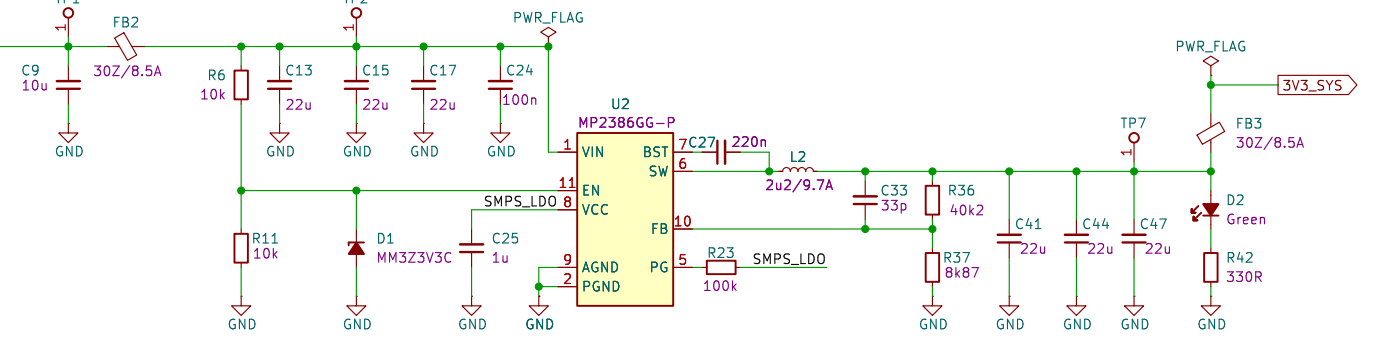
Title: Thunderbolt PCIe Adapter

Size: A3 Date: 2024-07-09 Rev: 1.0.3:e11ebe20
KiCad E.D.A. 9.0.7 Id: 2/5

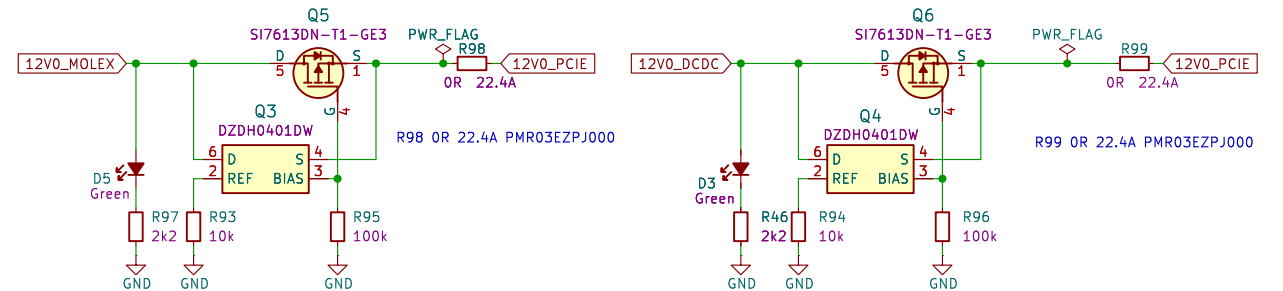
USB Power Delivery Controller



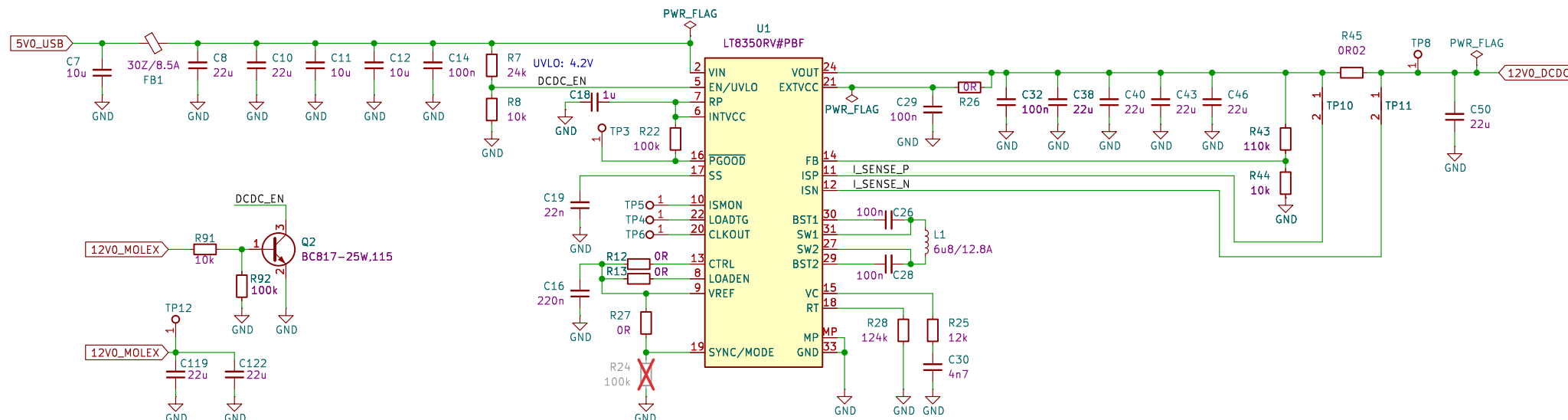
3V3 Buck Converter



Ideal diodes



12V Buck-Boost Converter



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Sheet: /Power/
File: power.kicad_sch

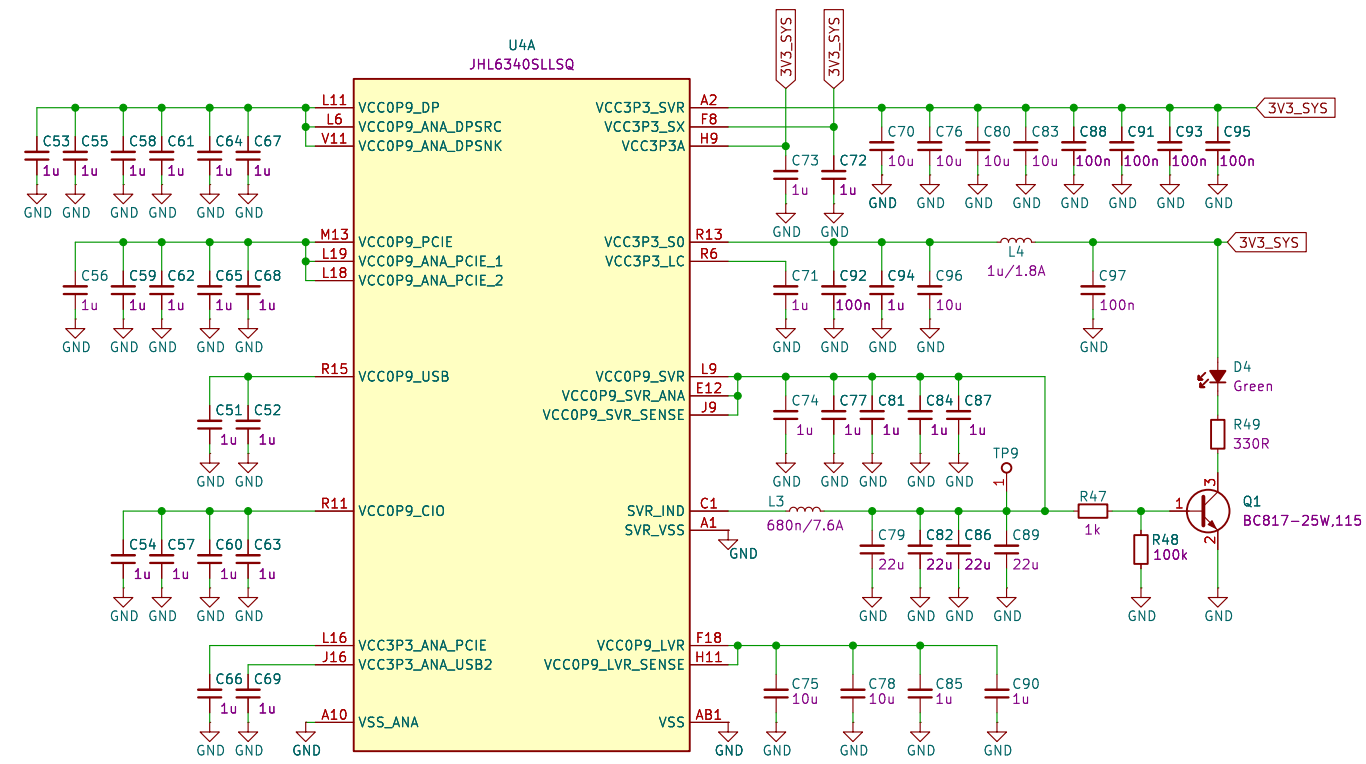
Title: Thunderbolt PCIe Adapter

Size: A3
KiCad E.D.A. 9.0.7

Date: 2024-07-09

Rev: 1.0.3:e11ebe20
Id: 3/5

Thunderbolt Controller – Power



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Title: Thunderbolt PCIe Adapter

Size: A3	Date: 2024-07-09	Rev: 1.0.3:e11ebe20
KiCad E.D.A. 9.0.7		Id: 4/5

