USB PD

File: usb_pd.kicad_sch

DC-DC Converters

File: dc-dc_converters.kicad_sch

Logo N1 antmicro_logo

Logo N2 oshw_logo

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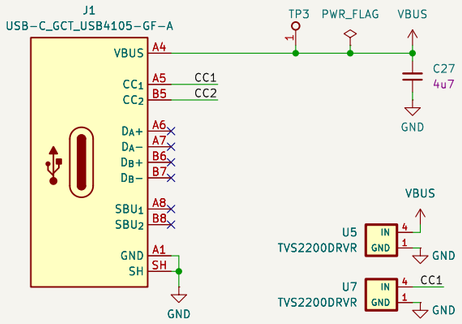
Sheet: /

File: USB-C-power-adapter.kicad_sch

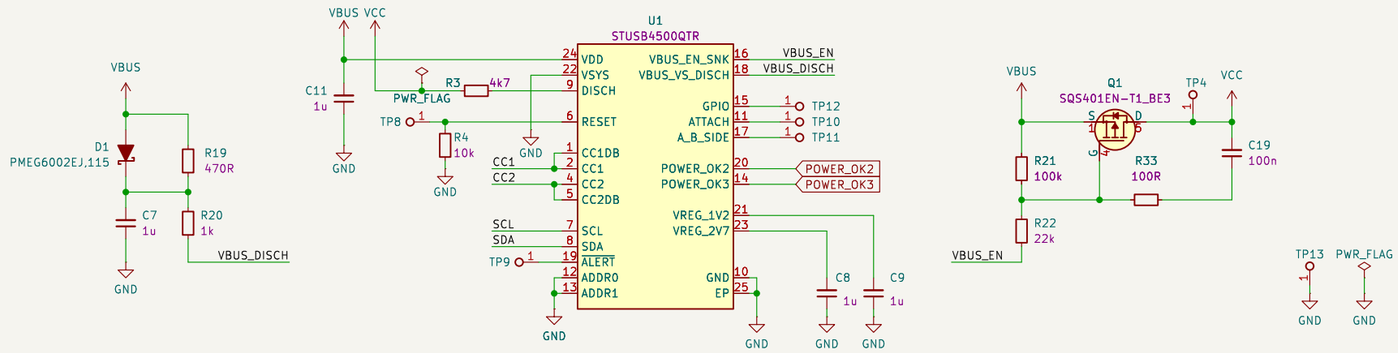
Title: USB-C-power-adapter

Size: A3	Date: 2024-04-11	**Rev: 1.0.0.:3d278**
KiCad E.D.A. kicad-cli 7.0.11		Id: 1/3

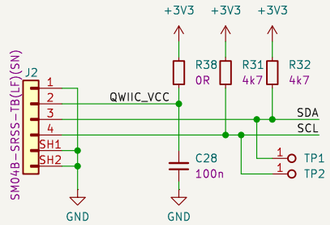
USB-C PD Connector



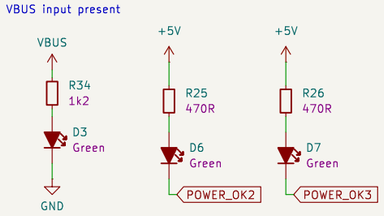
USB-C PD Controller



QWIIC I2C Connector



LED Indicators



Mounting pad

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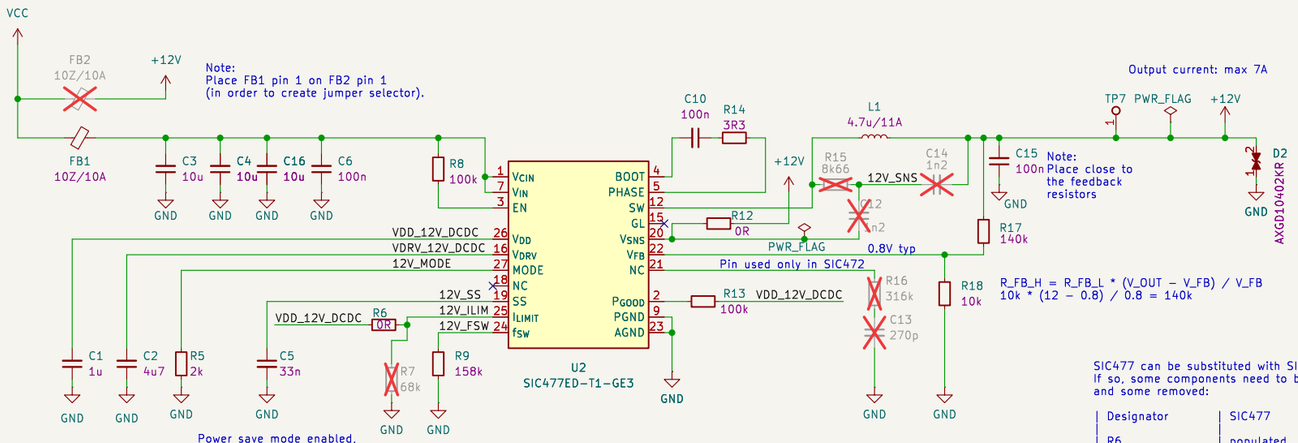
KiCad E.D.A. kicad-cli 7.0.11		Id: 2/3

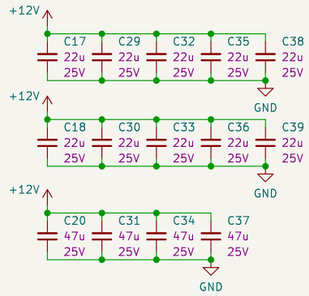
Buck Converter

Assembly wariants:
- 100W output (default)
- 36W output (R34 populated, R35, U2 DNP)

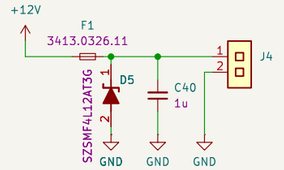


SIC477 can be substituted with SIC472.
If so, some components need to be populated and some removed:

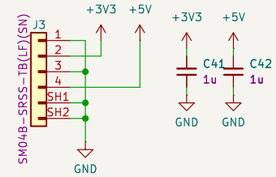
Designator	SIC477	SIC472
R6	populated	DNP
R12	populated	DNP
R16	DNP	populated
R7	DNP	populated
R15	DNP	populated
C13	DNP	populated
C12	DNP	populated
C14	DNP	populated



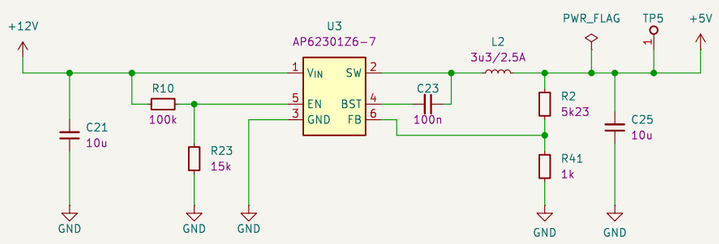
NanoFit Output Connector



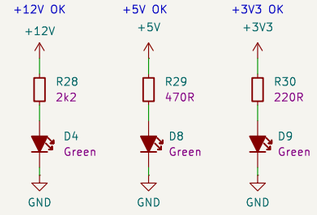
JST Power Connector



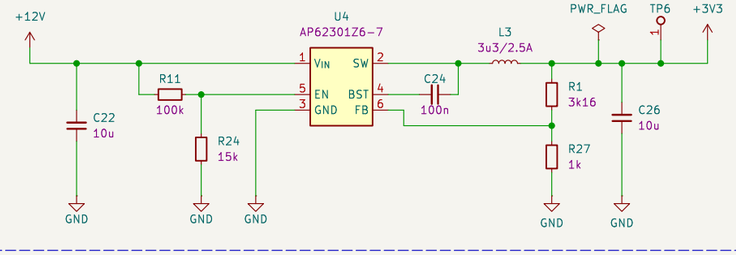
5V0 DC/DC Converter



LED Indicators



3V3 DC/DC Converter



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