

	1	2	3	4	5	6	7	8
A								
B								
C								
D								
E								
F								

USB PD



File: usb_pd.kicad_sch

DC-DC Converters



File: dc-dc_converters.kicad_sch

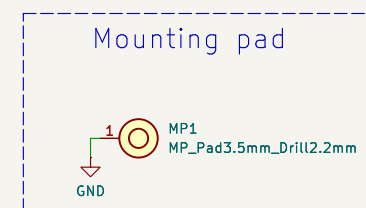
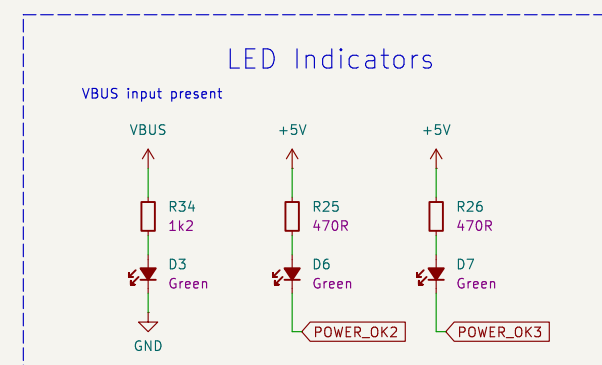
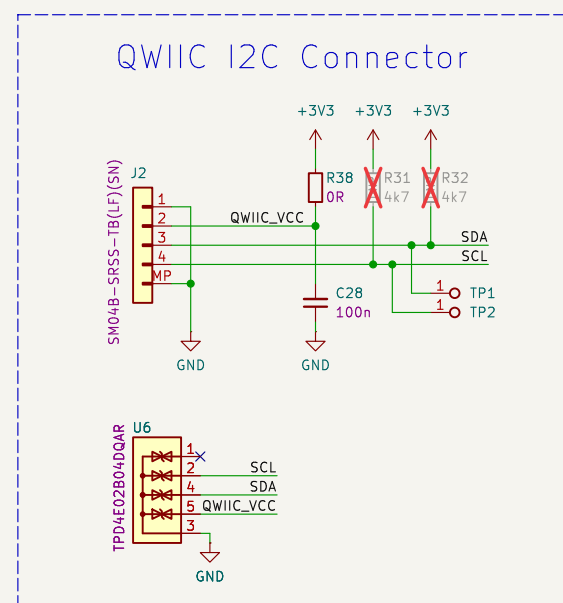
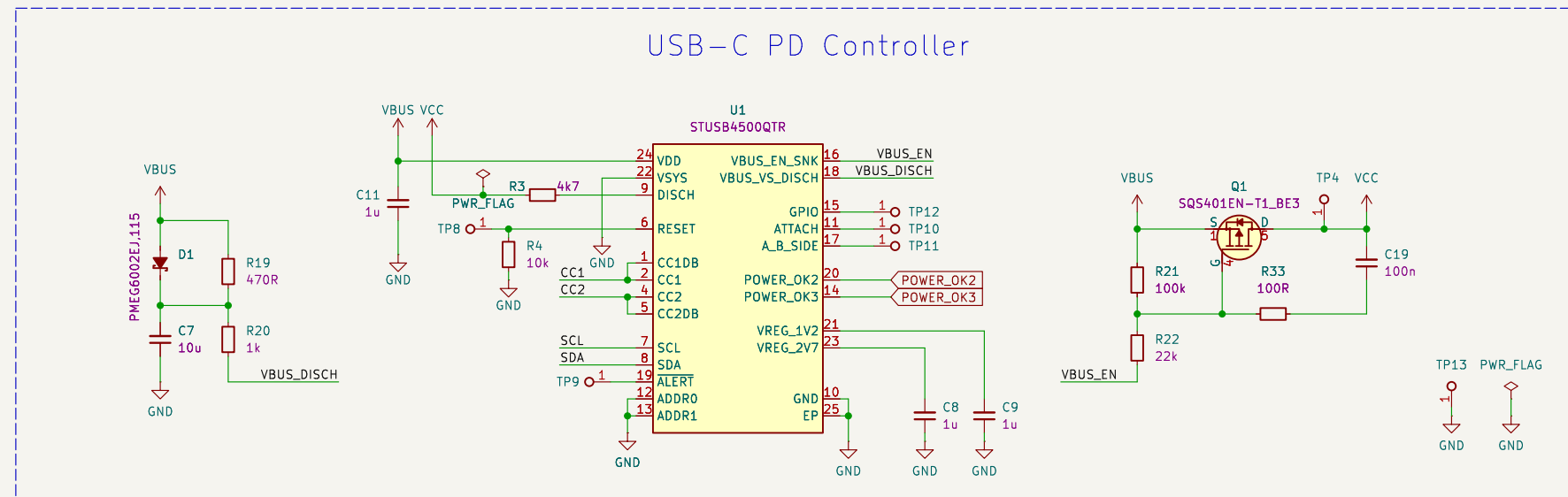
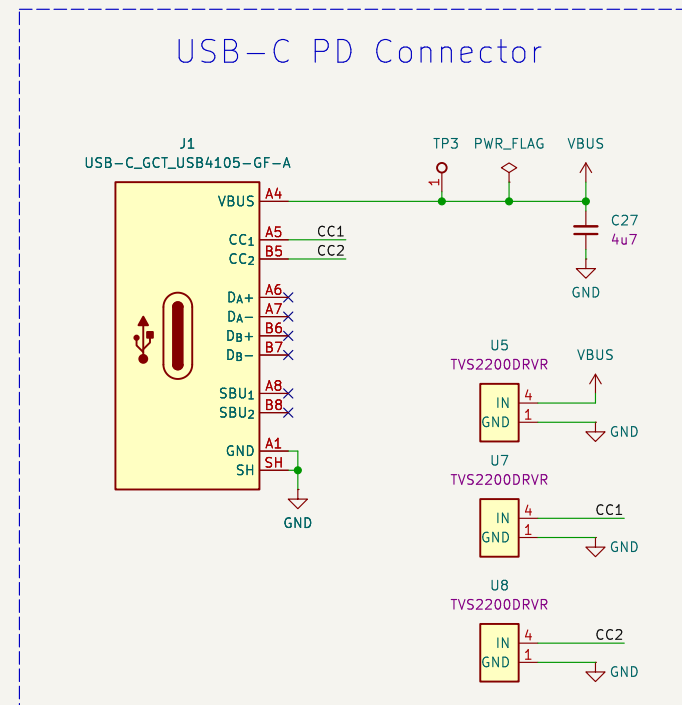


Logo N1
antmicro_logo

Logo N2
oshw_logo

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Sheet: /
File: USB-C-power-adapter.kicad_sch

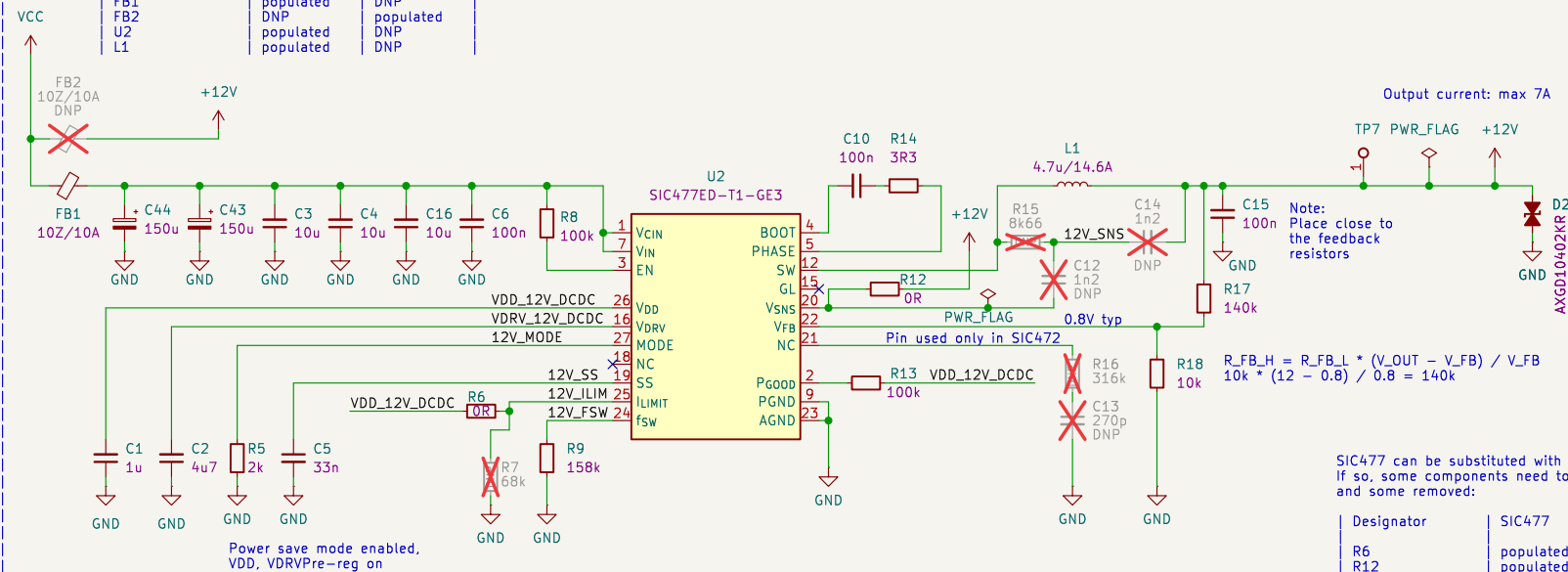
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Size: A3	Date: 2024-07-15
KiCad E.D.A. kicad-cli 7.0.11	Rev: 1.1.0:0ef6e Id: 1/3



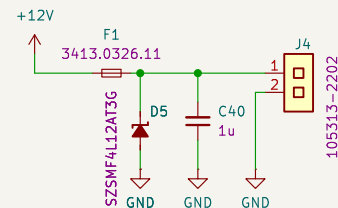
Buck Converter

Assembly variants:
- 84W output (default)
- 36W output (no SIC477 DC/DC converter, direct output from PD source)

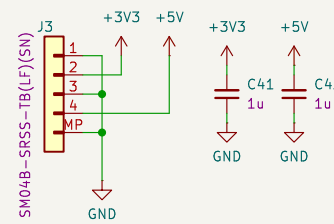
Designator	84W	36W
FB1	populated	DNP
FB2	DNP	populated
U2	populated	DNP
L1	populated	DNP



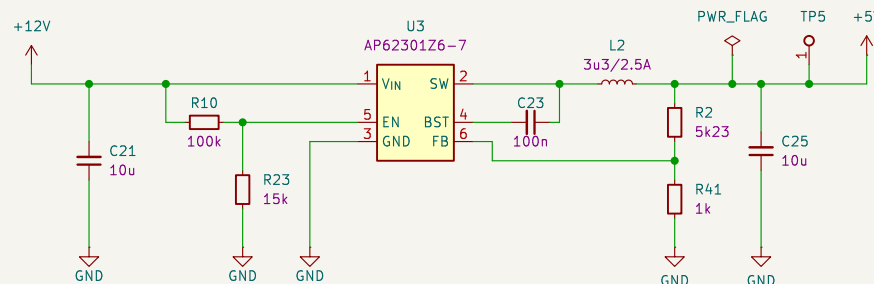
NanoFit Output Connector



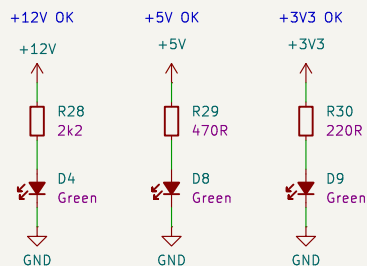
JST Power Connector



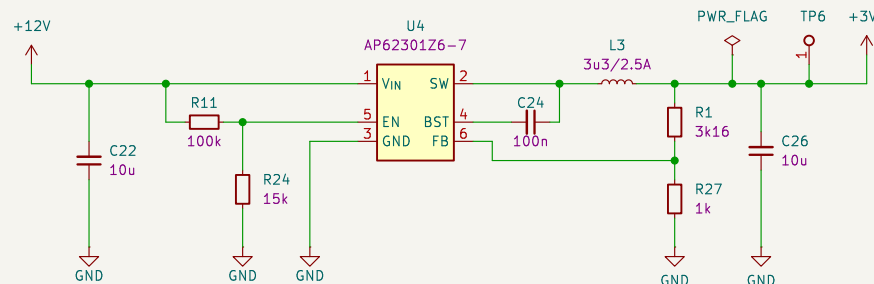
5V0 DC/DC Converter



LED Indicators



3V3 DC/DC Converter



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Sheet: /DC-DC Converters/
File: dc-dc_converters.kicad_sch

Title: USB-C-power-adapter

Size: A3 Date: 2024-07-15

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Rev: 1.1.0:0ef6e

Id: 3/3