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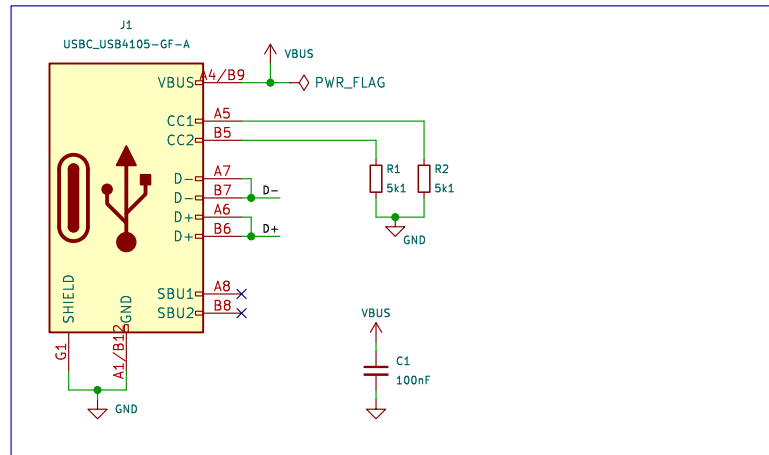
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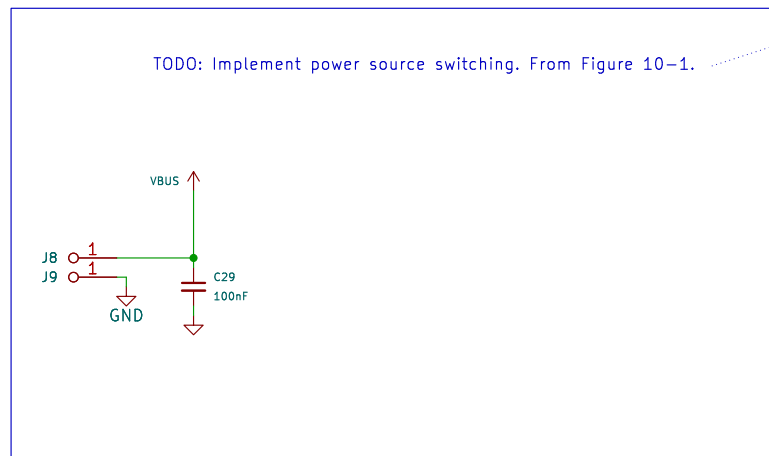
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USB-C interface

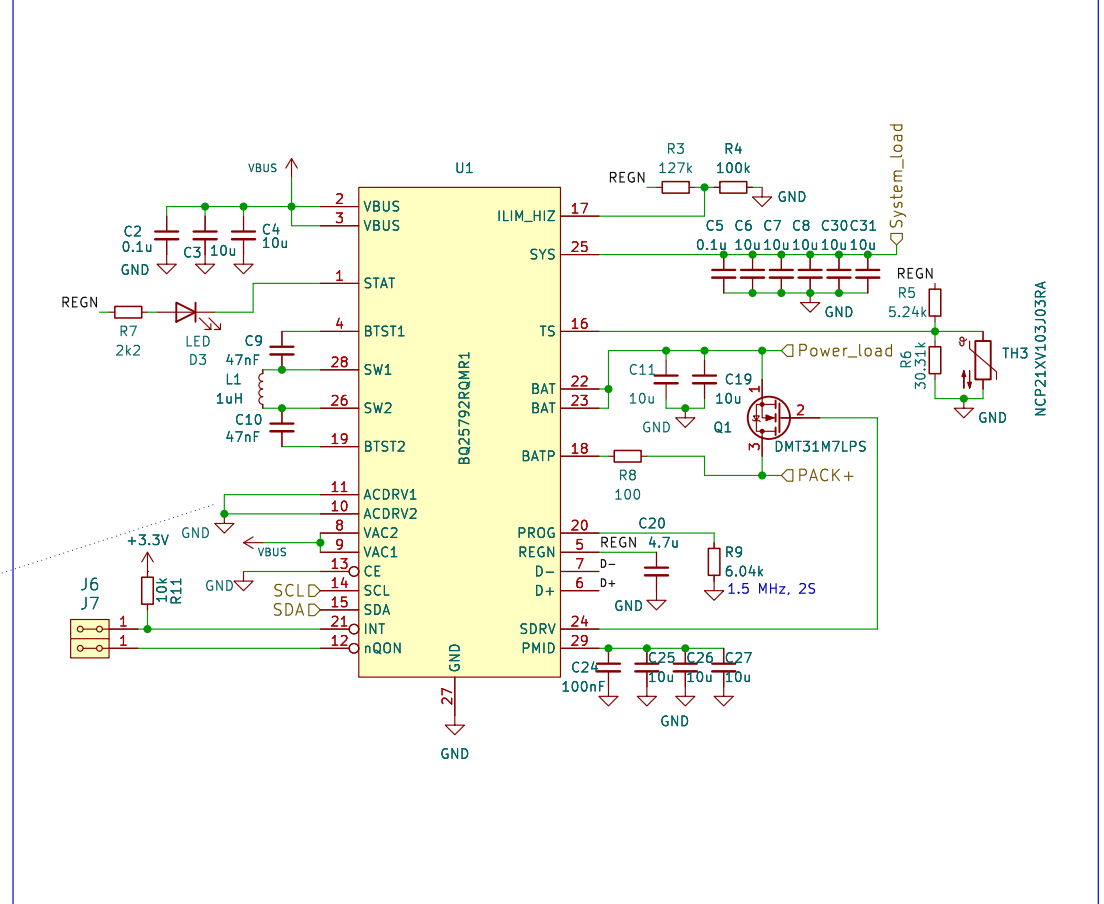


High-power DC input



TODO: Implement power source switching. From Figure 10-1.

Battery Charger



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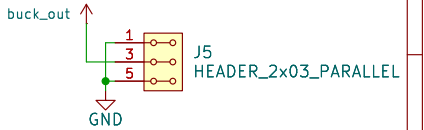
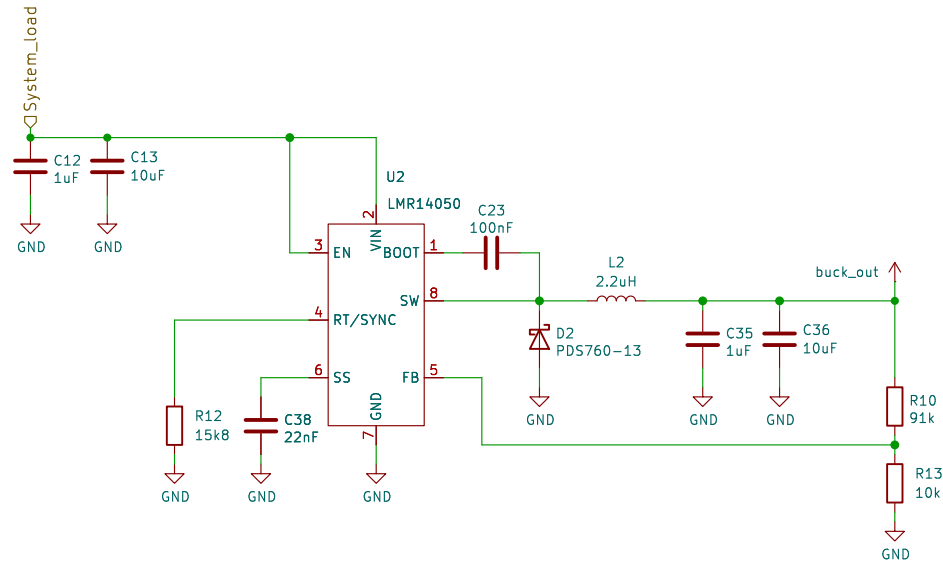
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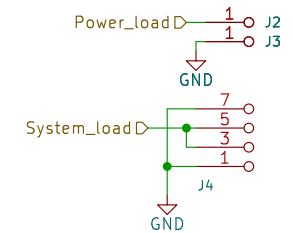
Buck convertor power source (LMR14050):

Designed parameters:

- Source voltage: 4 – 8.4V (Two liion cells)
- Output voltage: 5V
- Output current: 2A (IC maximal continuous current is 5A)
- Output inductance: 2.2 uH, Kind: 33%,
- Switching frequenci: 1.5 Mhz (15k8)
- OutC (Vripp: 50mV): 2uF



POWER OUTPUT



RFBT (feedback top resistor values)

Bottom fixed for 10k Ohm

- 68 kOhm – 5.1V
- 44 kOhm – 3.3V

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