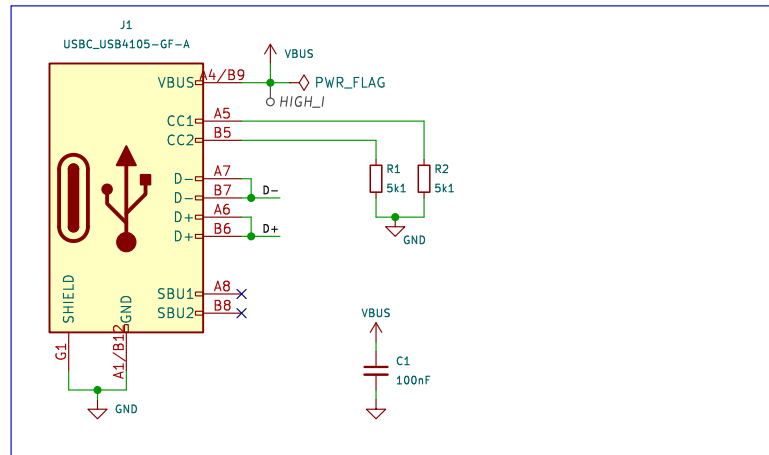
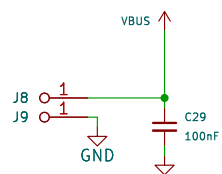


USB-C interface

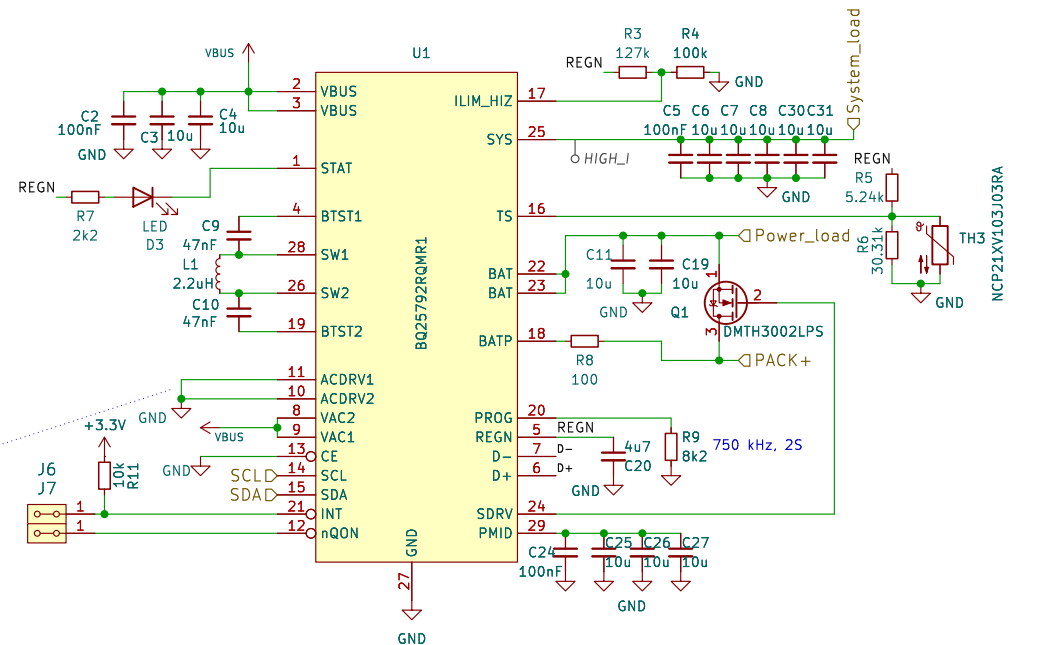


High-power DC input

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



Battery Charger



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Author:

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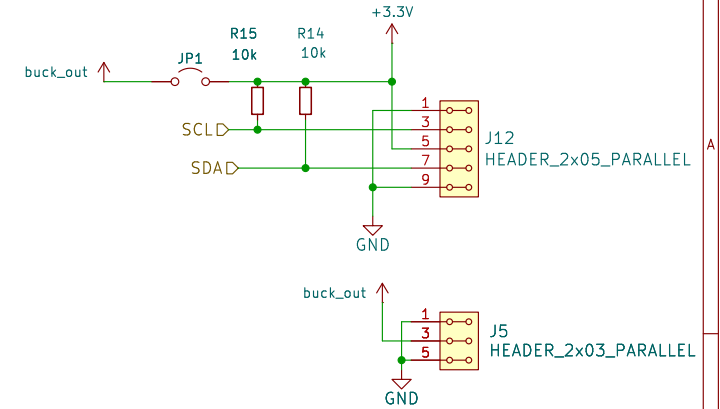
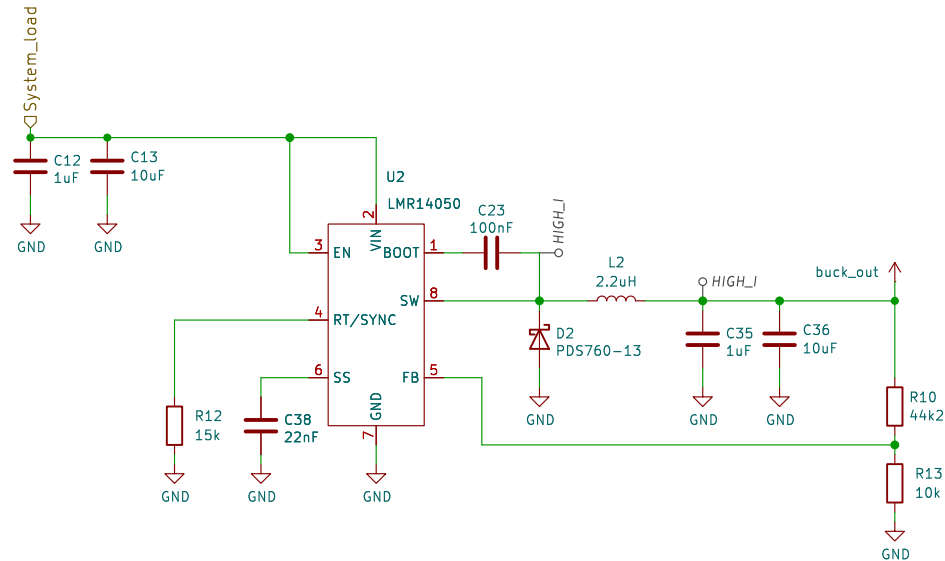
Date:



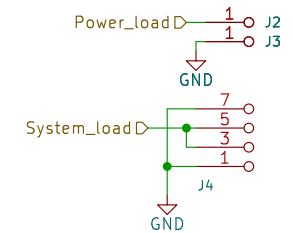
Buck convertor power source (LMR14050):

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 frequency: 1.5 Mhz (15k8)
- OutC (Vripp: 50mV): 2uF



POWER OUTPUT



RFBT (feedback top resistor values)

Bottom value fixed 10k Ohm

68 kOhm - 5.1V
44 kOhm - 3.3V

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