



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

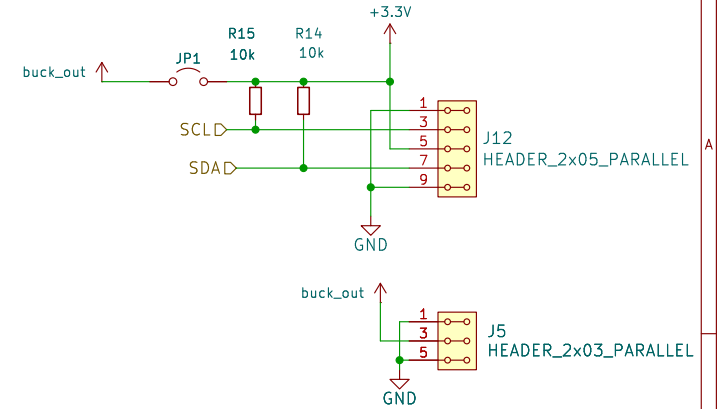
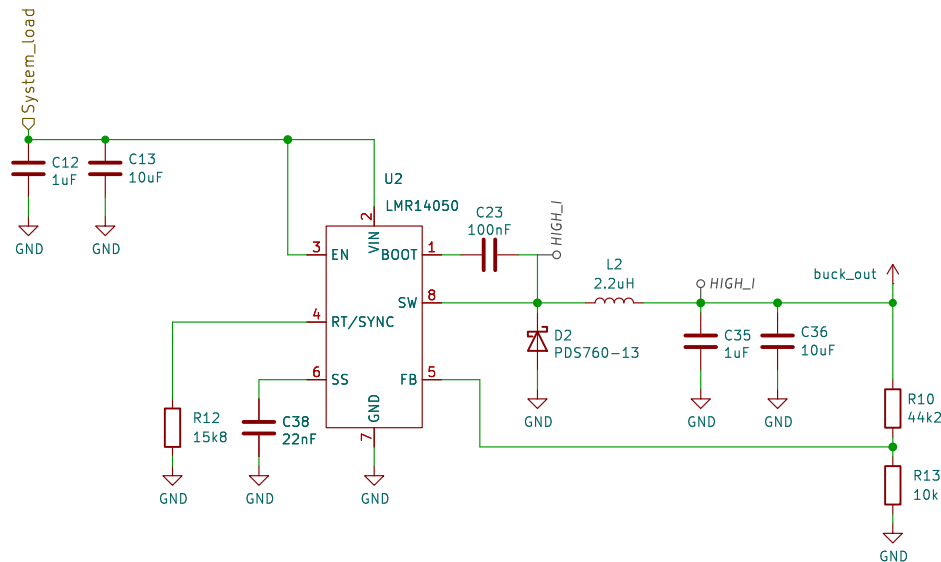
The diagram shows a circuit for power source switching. A central green dot is connected to a green line labeled 'VBUS' with an upward arrow. To the left, two red lines labeled 'J8' and 'J9' with upward arrows connect to the same central dot. The red line for J8 has a '1' above it, and the red line for J9 has a '1' above it. Below the central dot, a capacitor labeled 'C29' with '100nF' below it is connected to ground. The ground symbol is labeled 'GND'.

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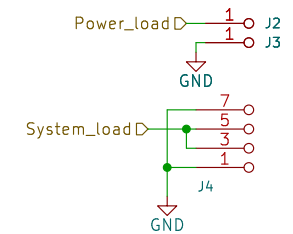
Buck convertor power source (LMR14050):
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Designed parameters:

- 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)
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Bottom value fixed 10k Ohm

68 kOhm – 5.1V
44 kOhm – 3.3V

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