

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. The red line for J9 has a '1' above it and connects to a ground symbol labeled 'GND'. Below the central dot, a capacitor labeled 'C29' with '100nF' below it connects to another ground symbol.

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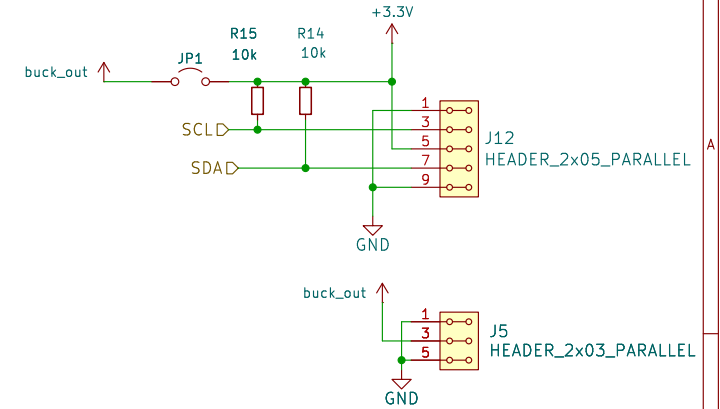
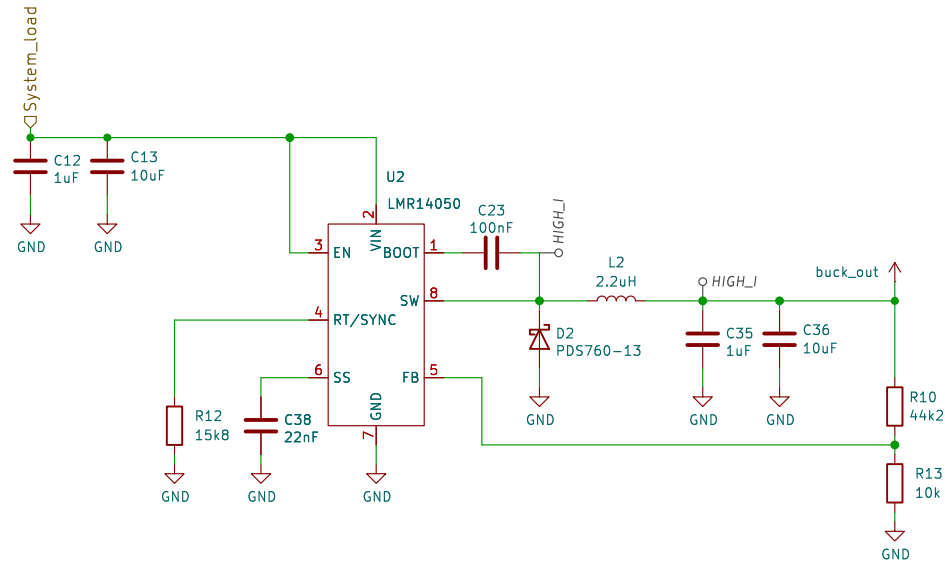
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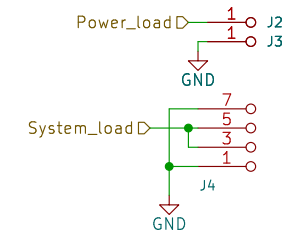
# Buck convertor power source (LMR14050):

## 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 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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