

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 three lines: a green line labeled 'VBUS' with an upward arrow, a red line labeled 'J8' with an upward arrow, and another red line labeled 'J9' with an upward arrow. The red line for 'J9' is also connected to a ground symbol labeled 'GND'. Below the central dot, a capacitor labeled 'C29' with a value of '100nF' is connected to another ground symbol.

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Size: A4	Page: 3/4	Date:



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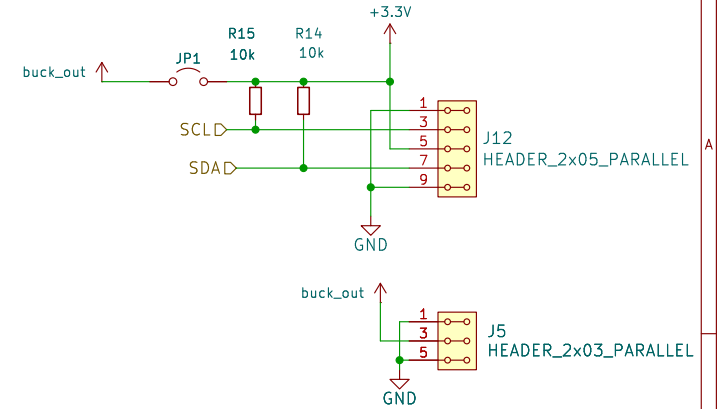
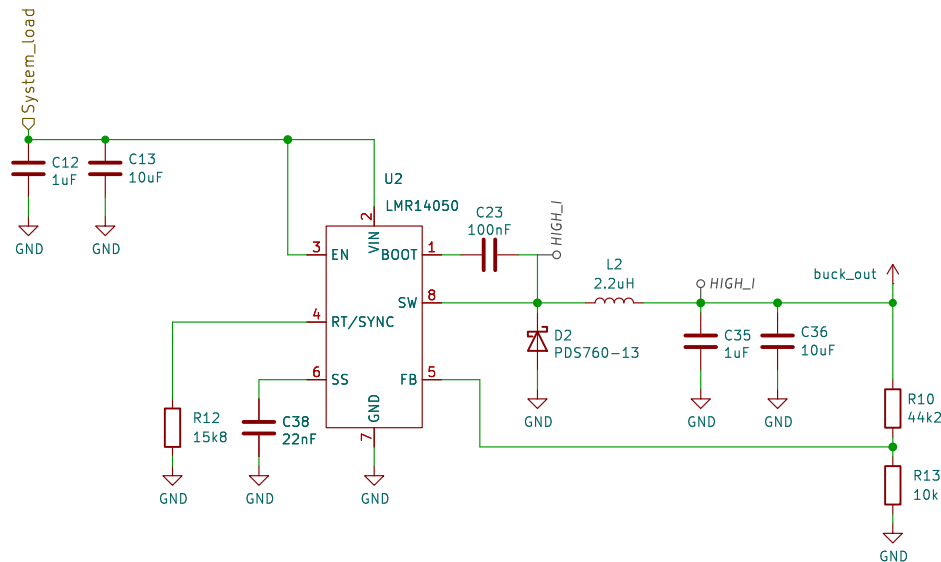
Page: 3/4

Date:

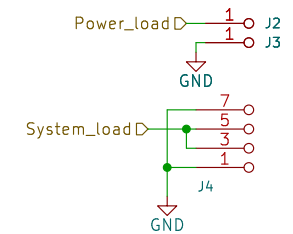
Buck convertor power source (LMR14050):
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Designed parameters:

- 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

Title:

Author:

Size: A4

Page: 4/4

Date:

