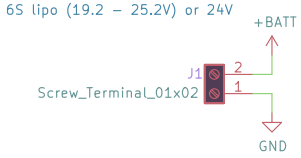
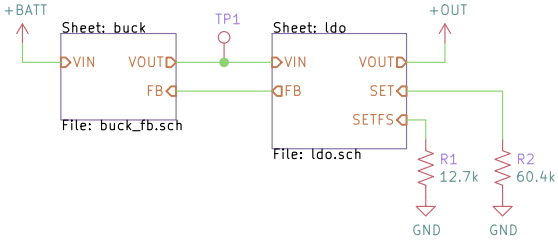
6S lipo (19.2 – 25.2V) or 24V



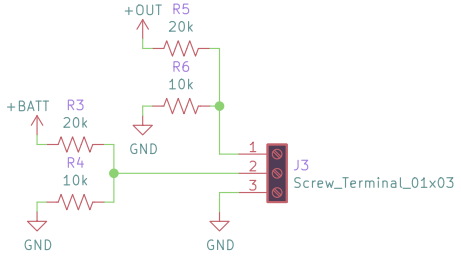


For 12V:
SETSFS = 442 / (12*3 – 1) = 12.63
SET = 5*12 = 60

For 10V:
SETFS = 442 / (10*3 – 1) = 15.24
SET = 5*10 = 50

For 5V:
SETFS = 442 / (5*3 – 1) = 31.57
SET = 5*5 = 25

DAQ Voltage Monitoring



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File: power_board.sch

Title: DAQ Power Board

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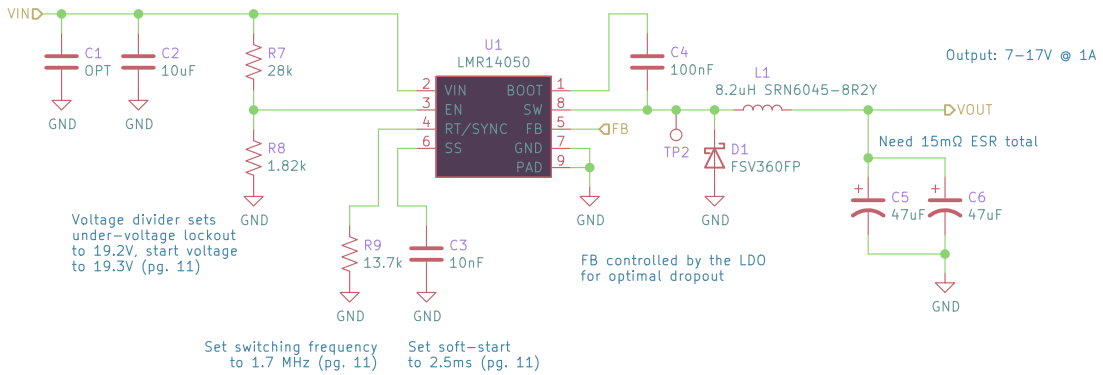
Variable buck regulator. Most values taken from webench.ti.com for 17V 1A out.
https://www.ti.com/lit/ds/symlink/lmr14050.pdf

Input: 19.2–25.2V (24V nominal)



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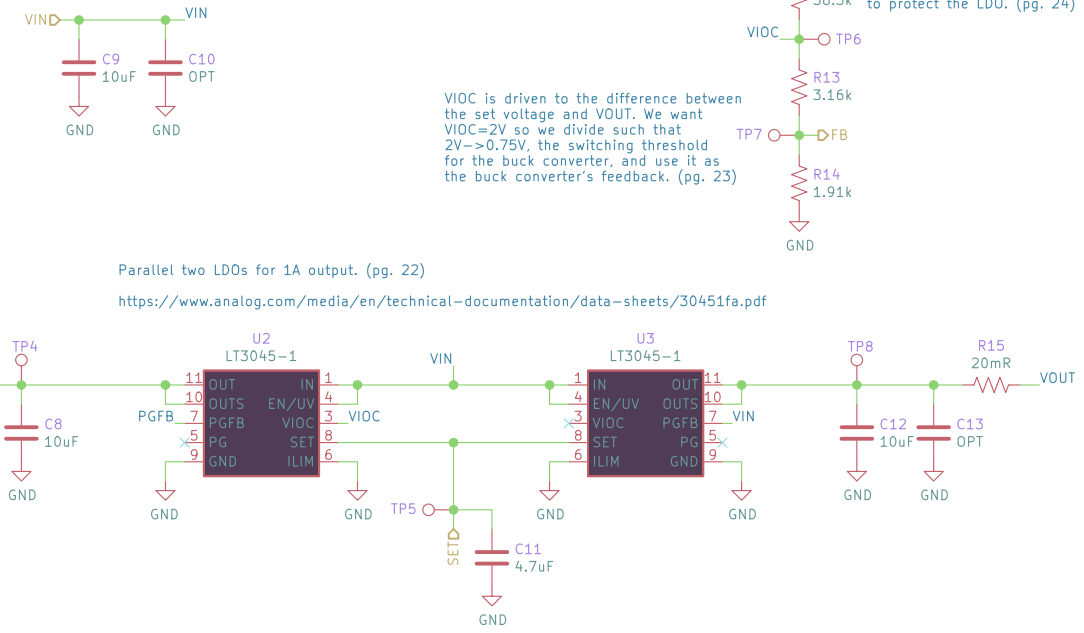

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