

1 2 3 4 5 6

A

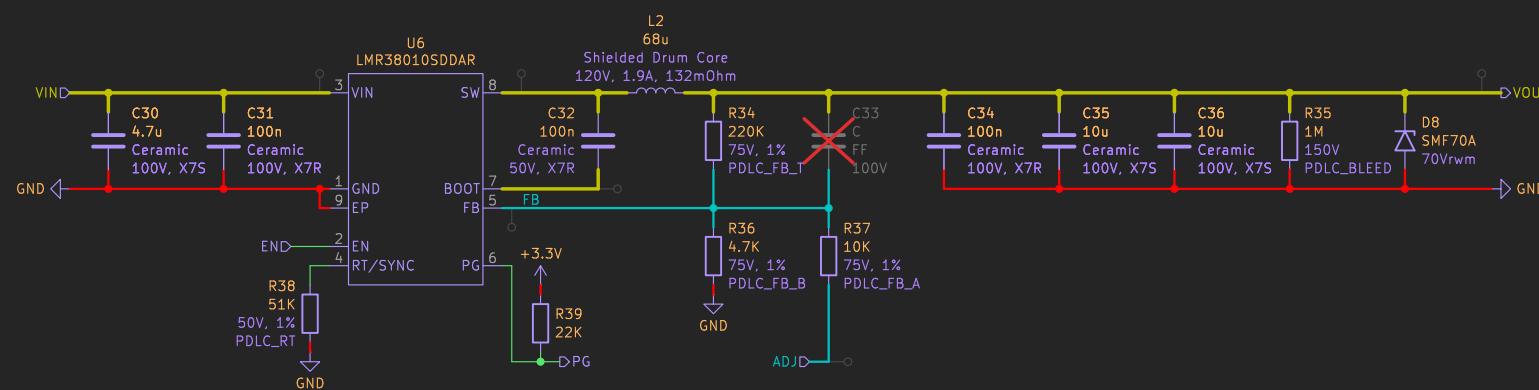
A

PDLC OUTPUT DRIVER (VARIABLE VOLTAGE BUCK CONVERTER)

Outputs 1 A at 3 V to 63 V depending on the voltage at ADJ

EN enables output when above 1.4 volts, it must be clamped between 0 V and VIN + 0.3V even in the case where VIN = 0 V

Refer to the design document for component selection details



B

B

C

C

D

D

github.com/brown-studios/pdlc
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Sheet: /pdlc_driver_a/
File: pdlc-output.kicad_sch

Title:

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Rev: v2.0
Id: 2/3

1 2 3 4 5 6

1 2 3 4 5 6

A

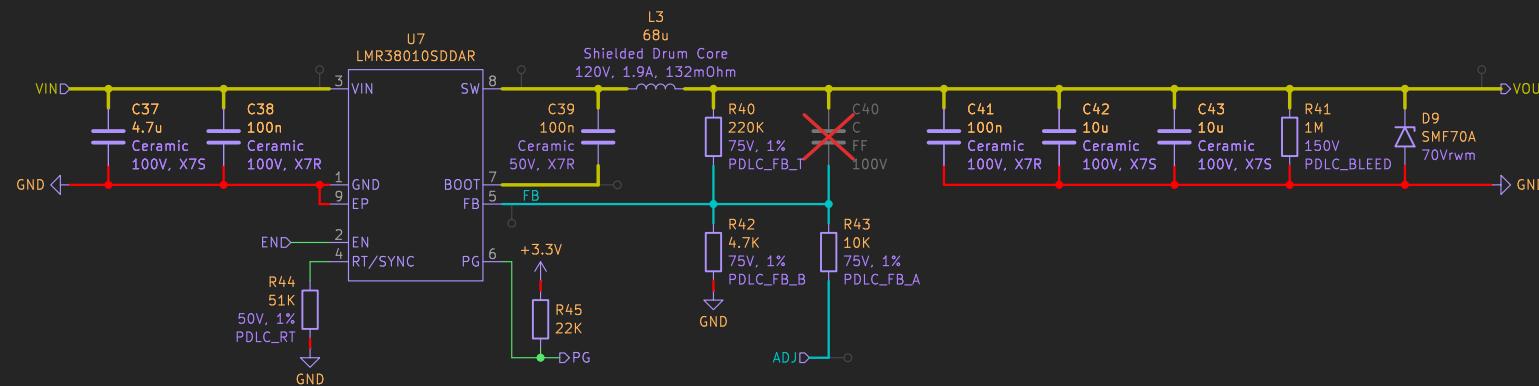
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B

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Sheet: /pdlc driver b/
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Title:

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1 2 3 4 5 6