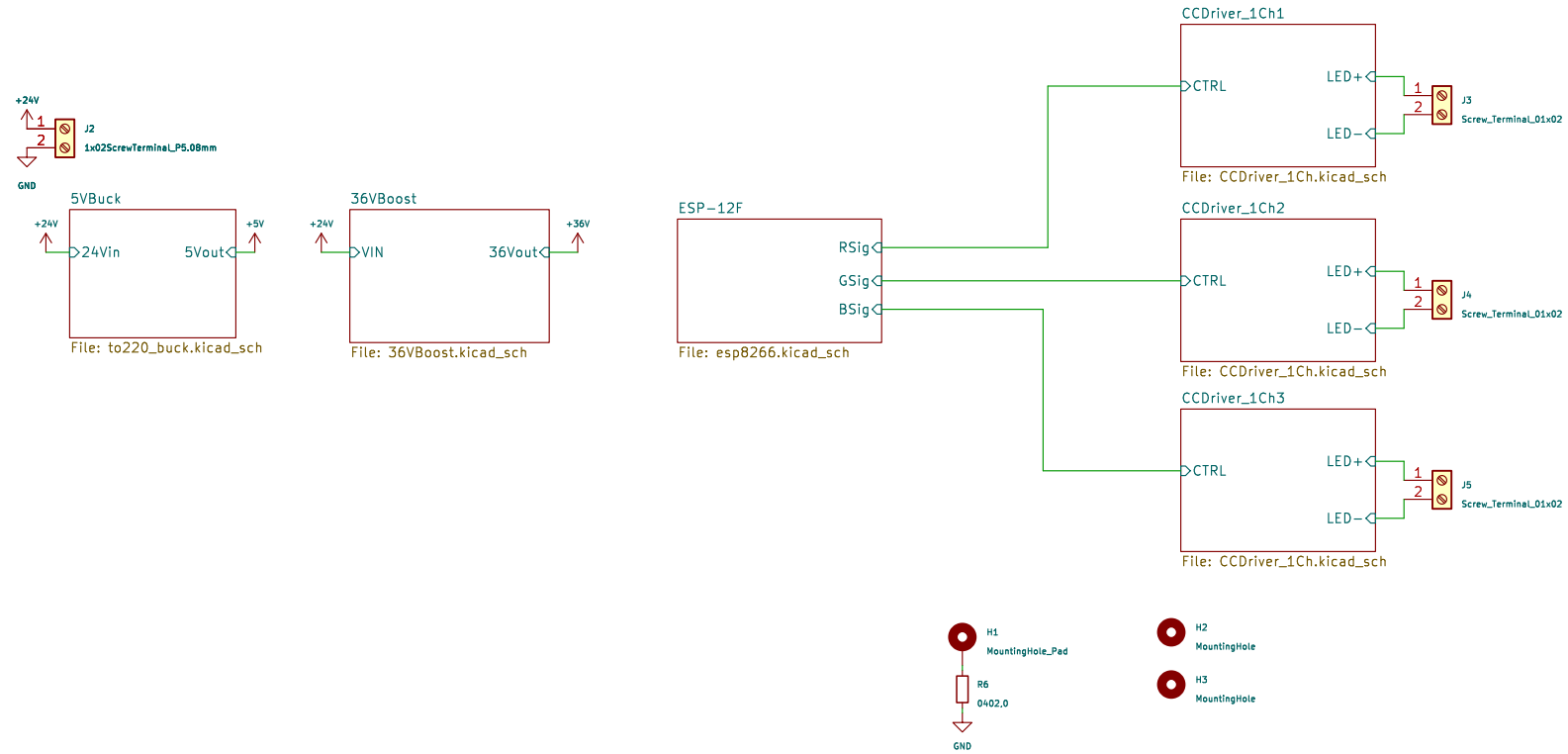


CHANGELOG/NOTES

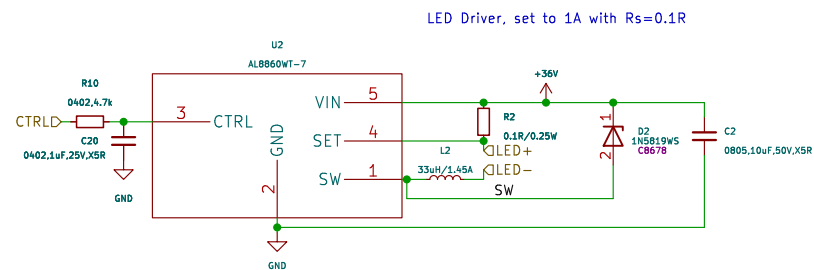
REV A: Initial Design
Rev B: Edited CC LED driver to edit the diode placement. Rev A had an incorrect diode schematic
Also added R/C filter to DIM input to soft start the signal and prevent the pull-up from causing a flash on startup



Main

Drawn by: Winnie Szeto github.com/wszeto9		File: 3ChannelCCdriver.kicad_sch	
Size: USLetter	Date: 2023-12-01		Rev: B01
KiCad E.D.A. kicad 7.0.7			Page: 1/7





1 Ch CC LED Driver

Drawn by: Winnie Szeto | github.com/wszeto9

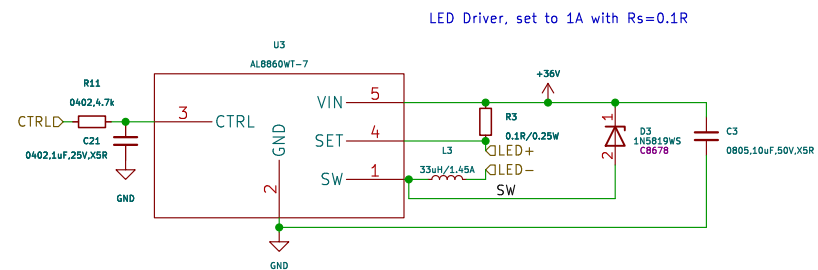
File: CCDriver_1Ch.kicad_sch

Size: USLetter | Date: 2023-12-01

Rev: B01

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Page: 3/7



1 Ch CC LED Driver

Drawn by: Winnie Szeto | github.com/wszeto9

File: CCDriver_1Ch.kicad_sch

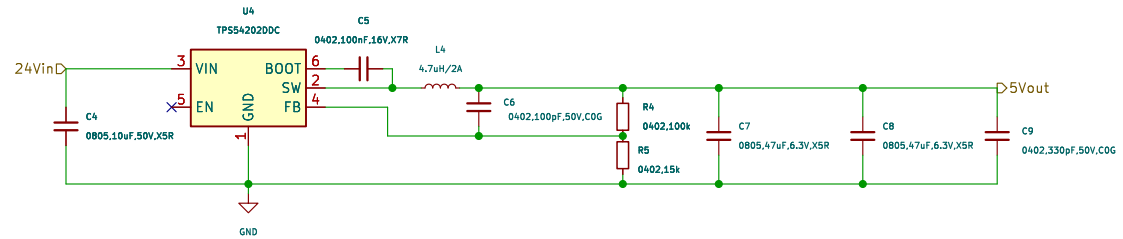
Size: USLetter Date: 2023-12-01

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Page: 4/7

<https://webench.ti.com/appinfo/webench/scripts/SDP.cgi?ID=AE83866494772FB8>



24V to 5V Buck

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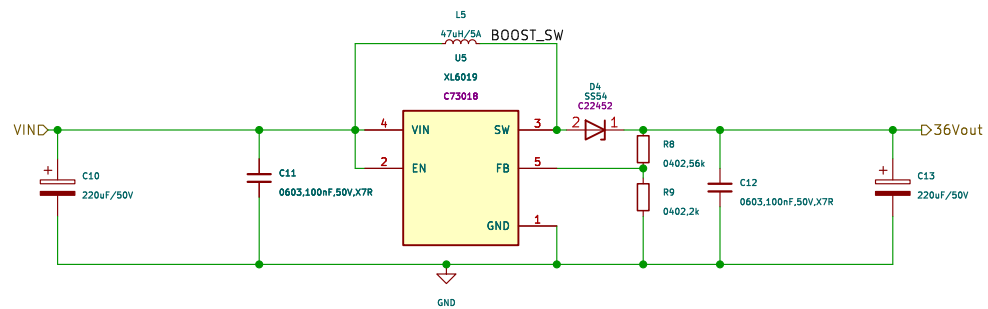
File: to220_buck.kicad_sch

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Rev: B01

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Page: 5/7



Drawn by: Winnie Szeto | github.com/wszeto9

File: 36VBoost.kicad_sch

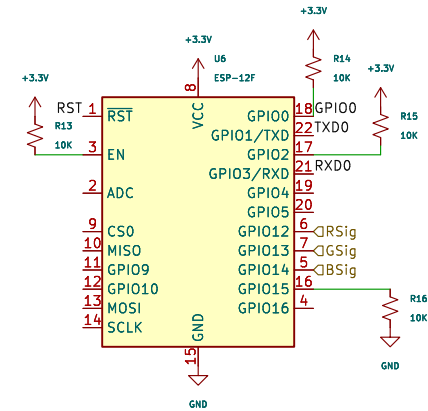
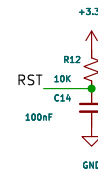
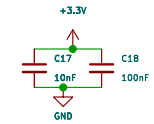
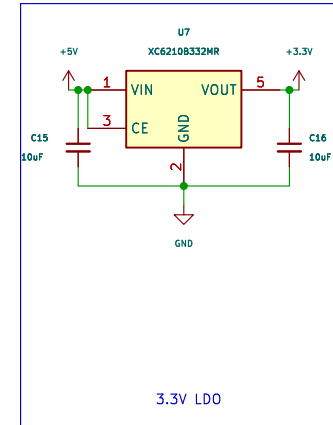
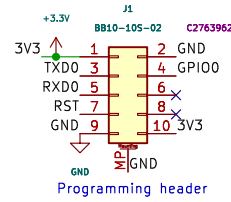
Size: USLetter | Date: 2023-12-01

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Note: 3V3 and GND are on opposing corners to prevent against rotated connectors



ESP8266 MCU

Drawn by: Winnie Szeto | github.com/wszeto9

File: esp8266.kicad_sch

Size: USLetter Date: 2023-12-01

Rev: B01

KiCad E.D.A. kicad 7.0.7

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