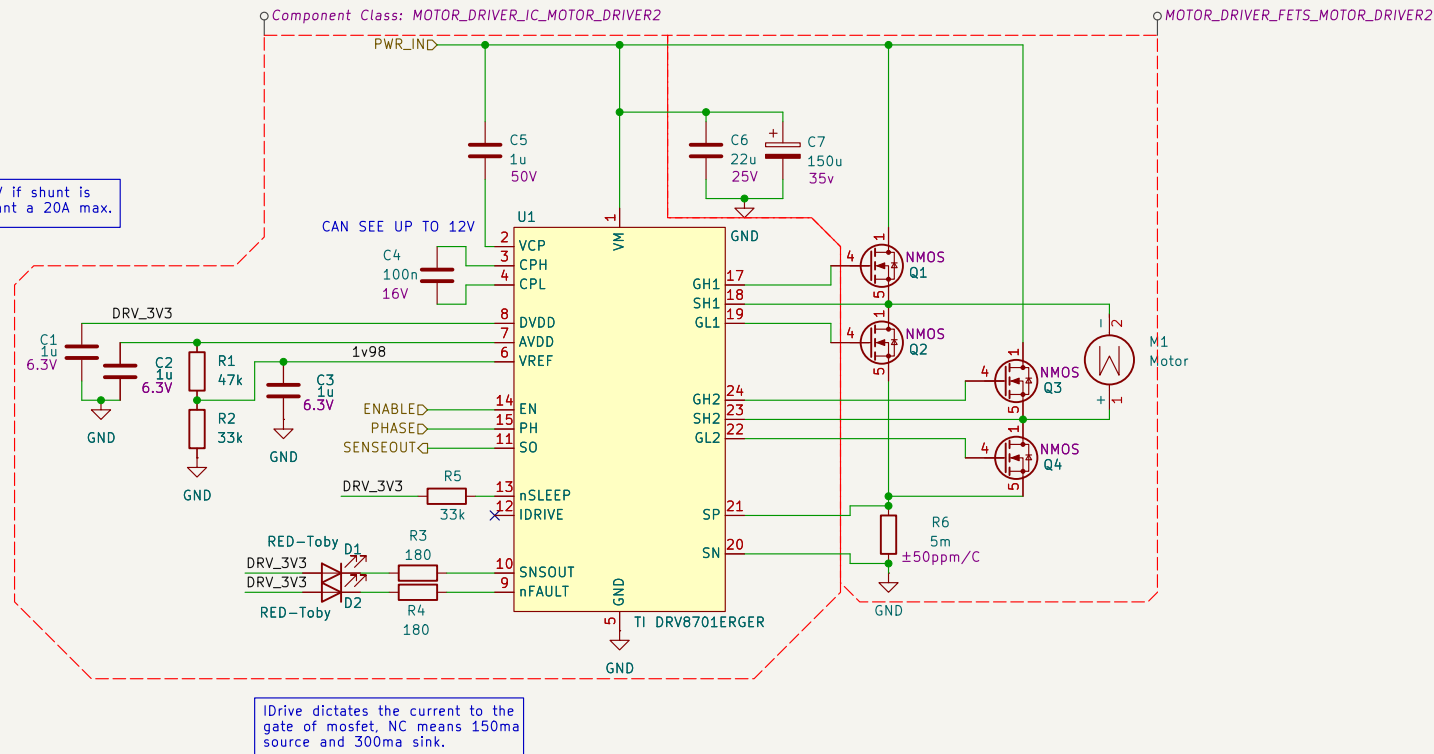


VREF should be 2V if shunt is 5mOhm and we want a 20A max.



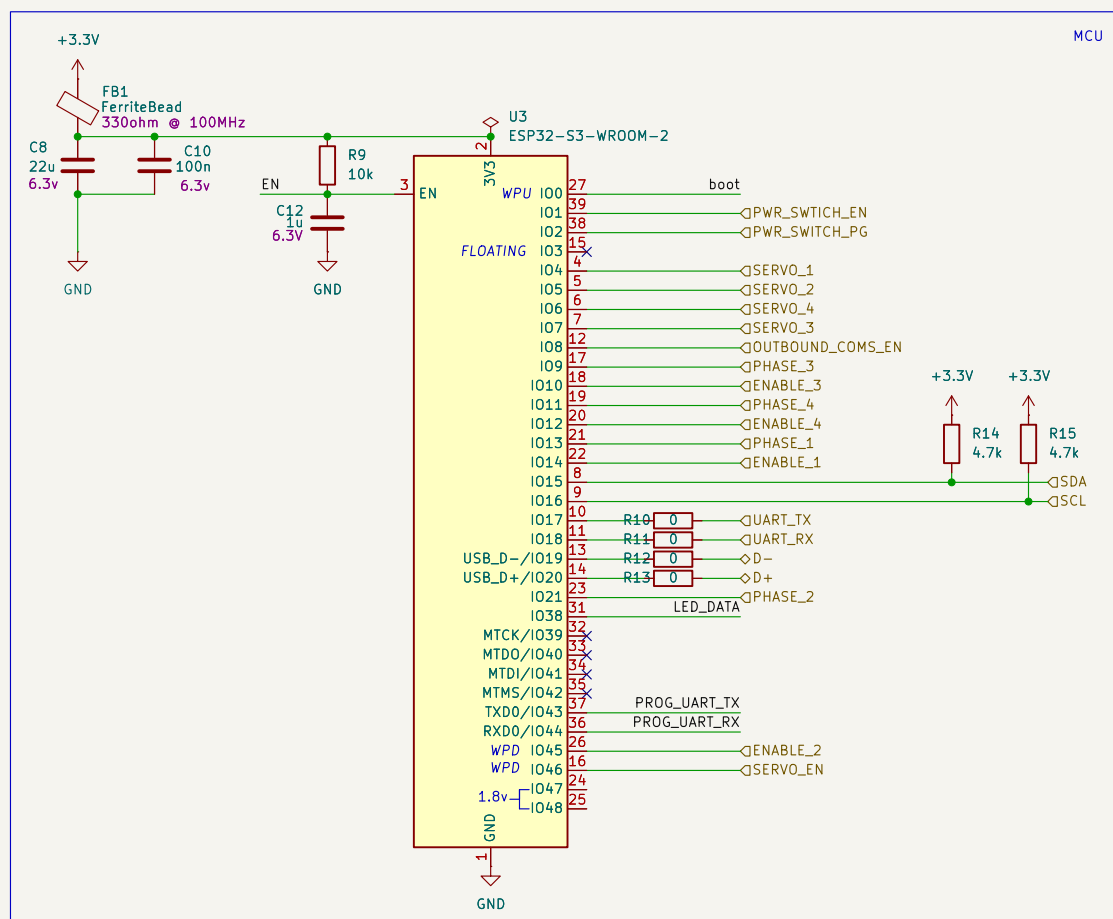
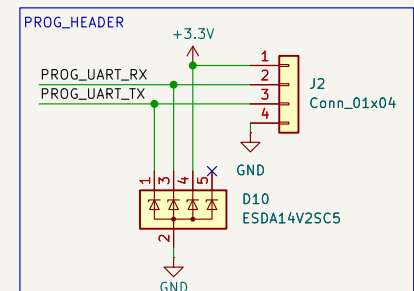
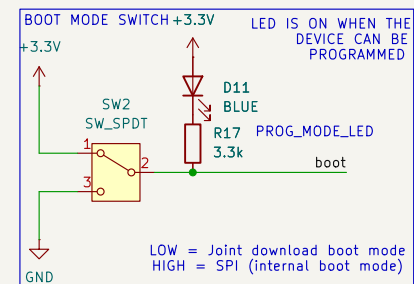
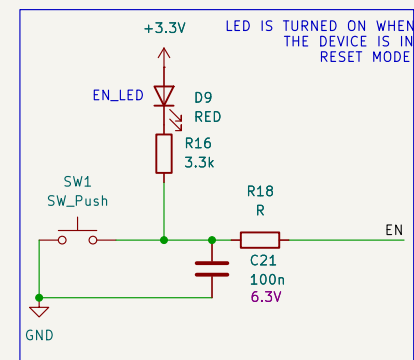
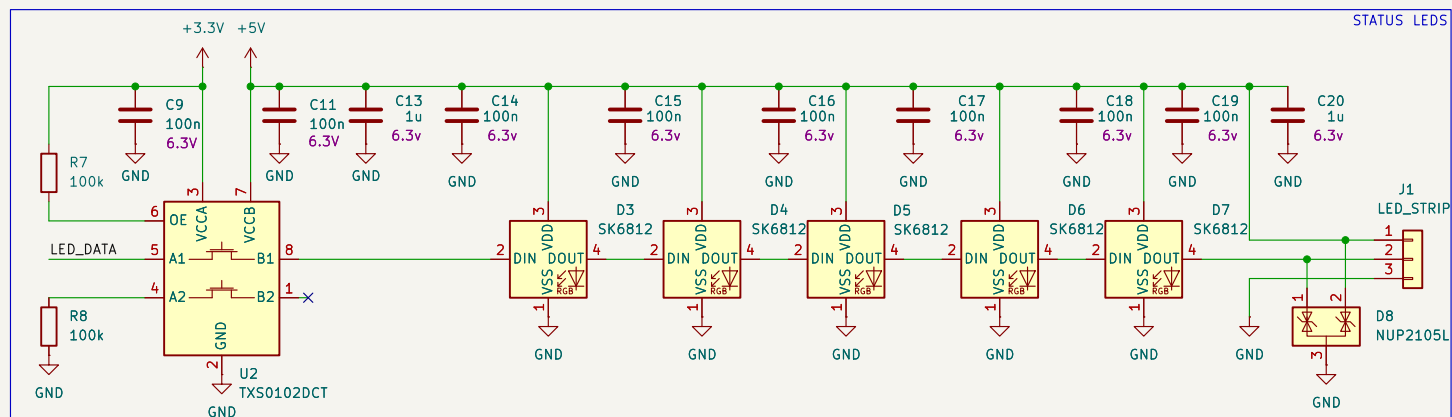
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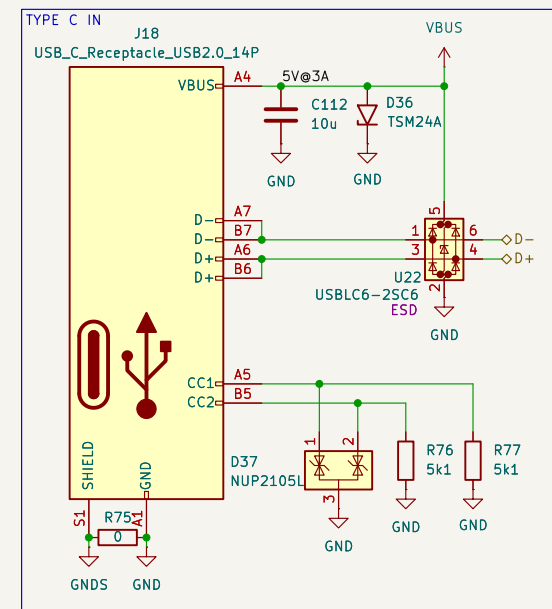
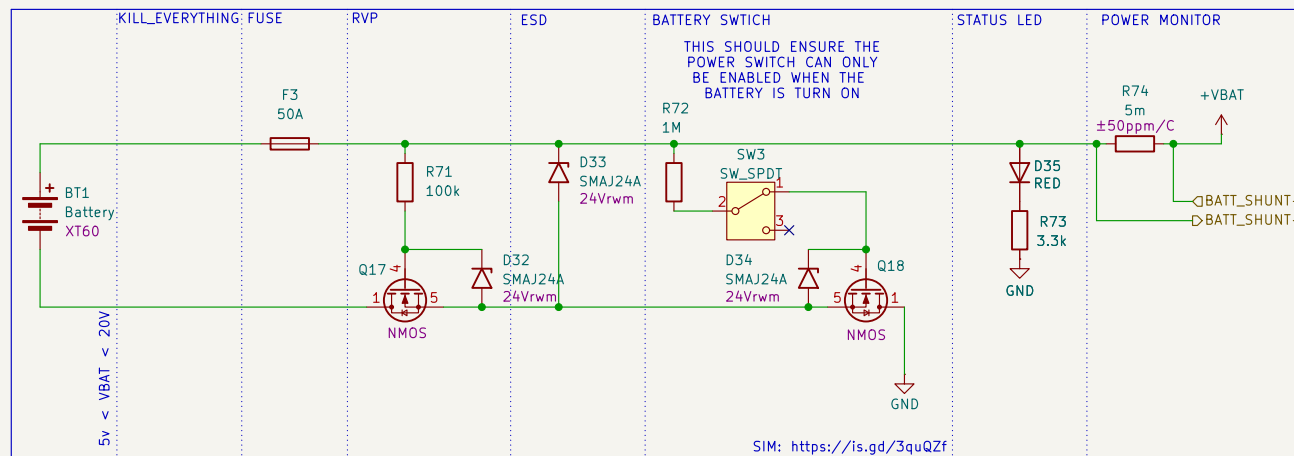
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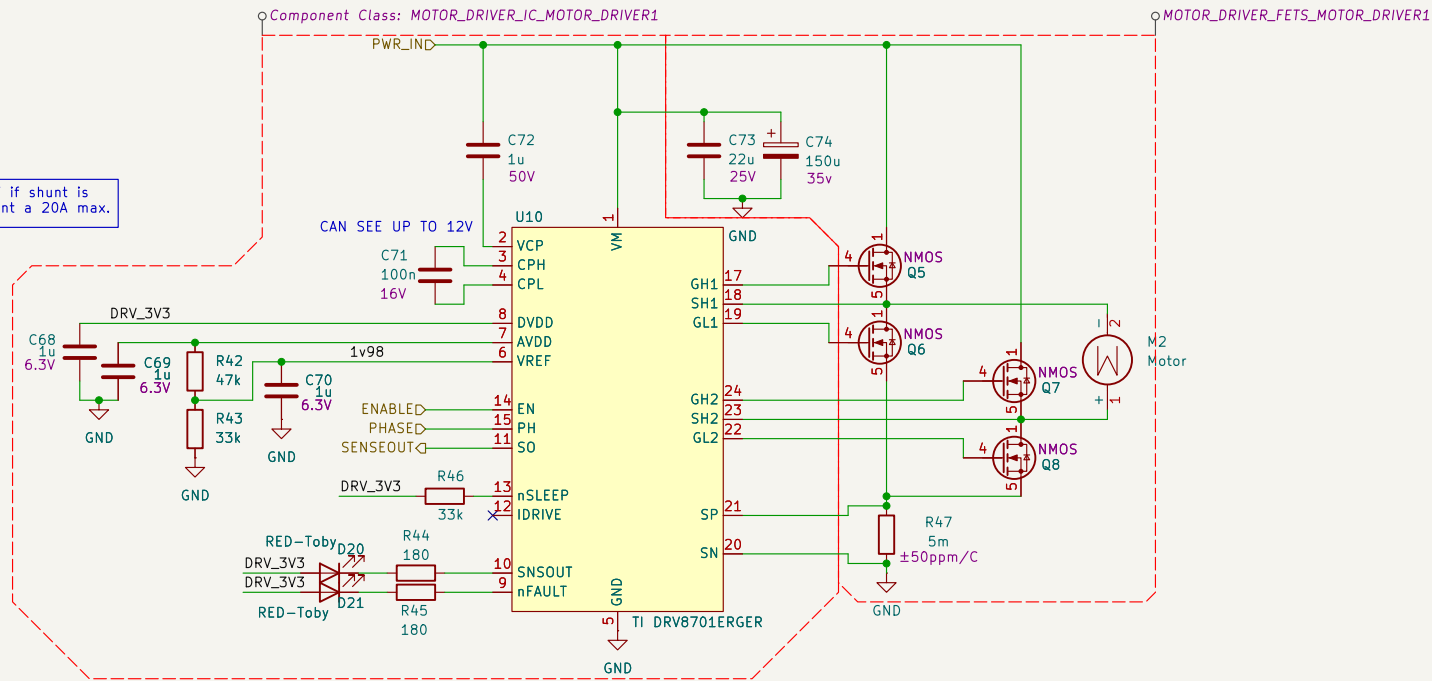
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Id: 10/10

VREF should be 2V if shunt is 5mOhm and we want a 20A max.



IDrive dictates the current to the gate of mosfet. NC means 150ma source and 300ma sink.

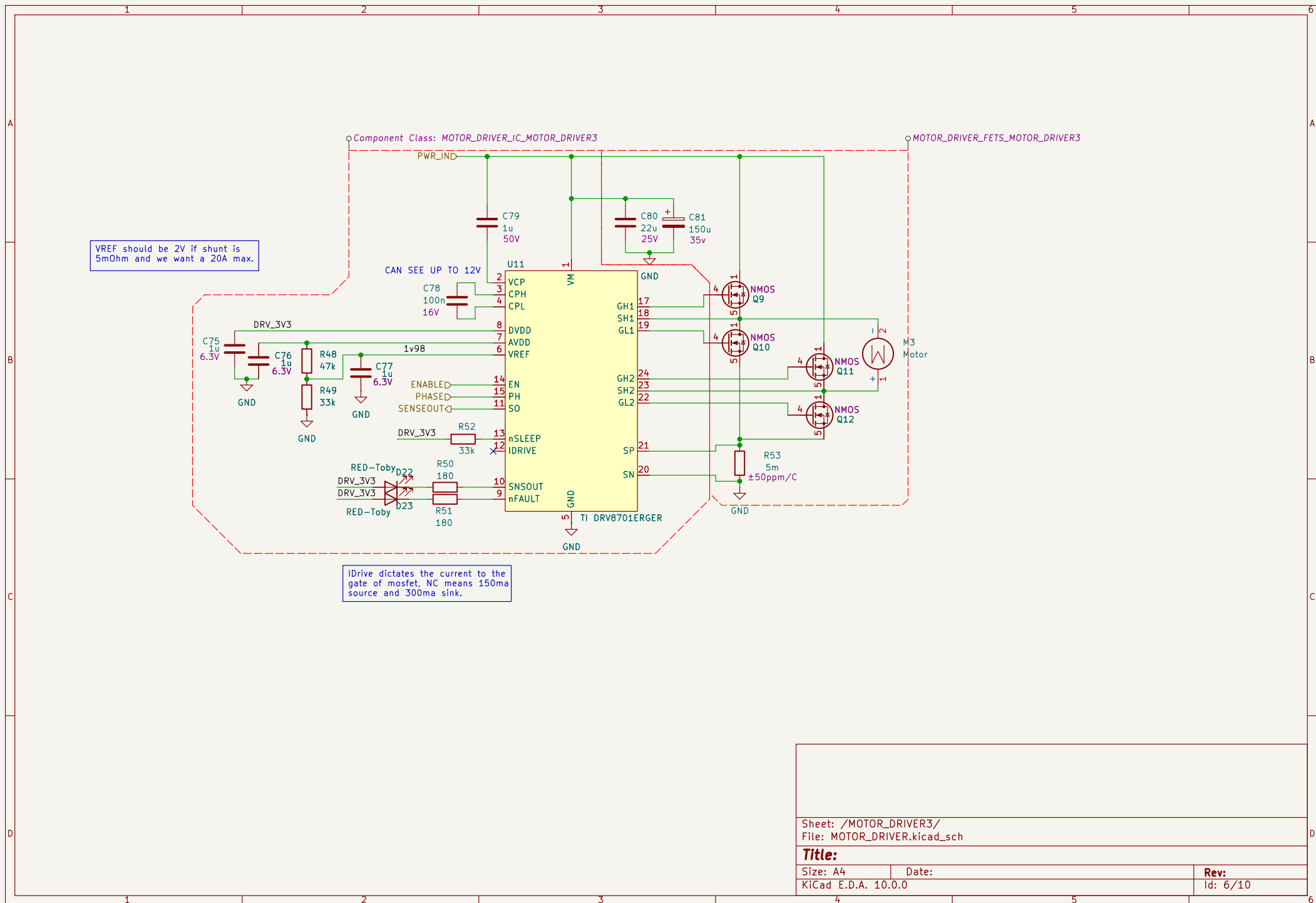
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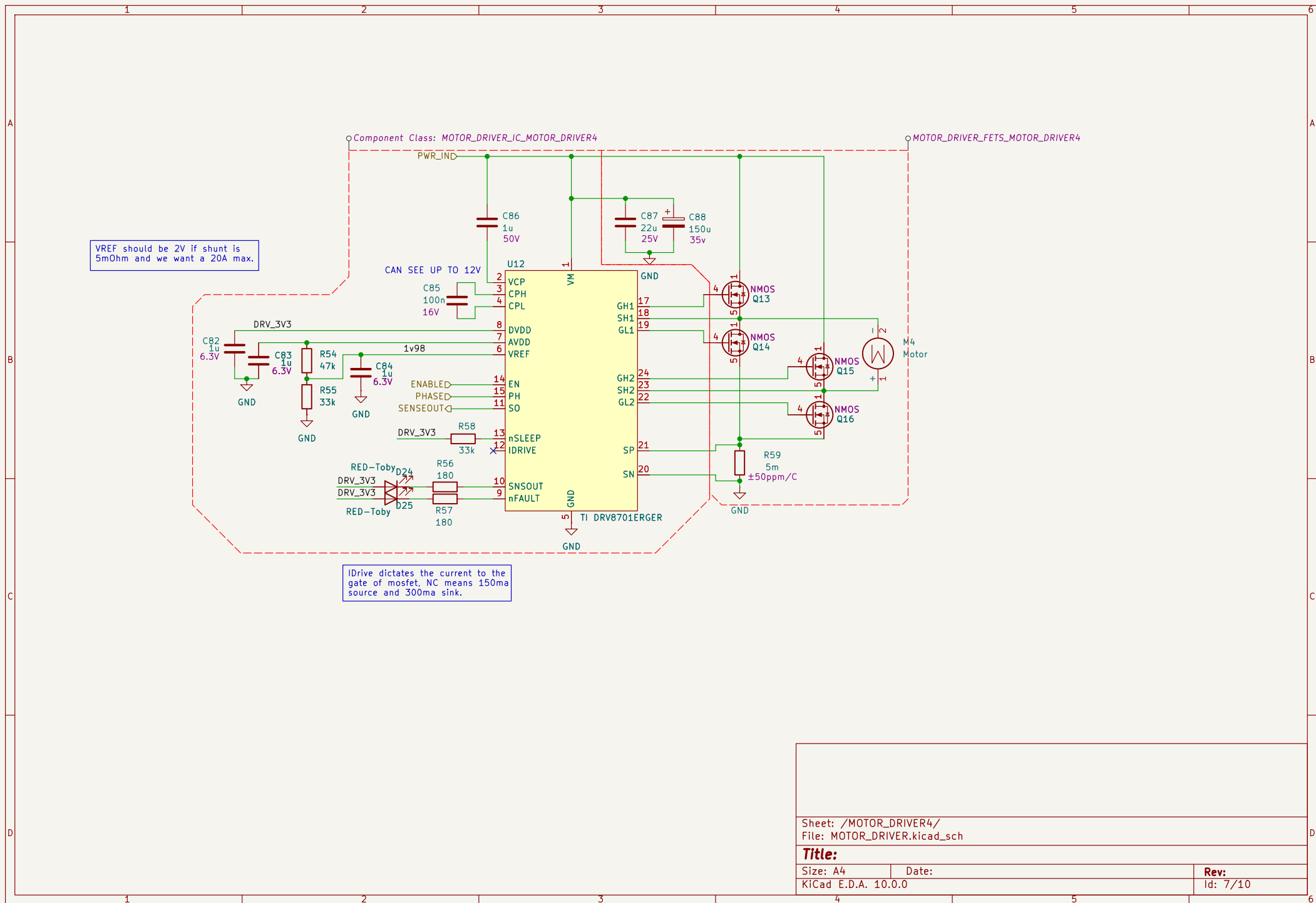
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Id: 5/10





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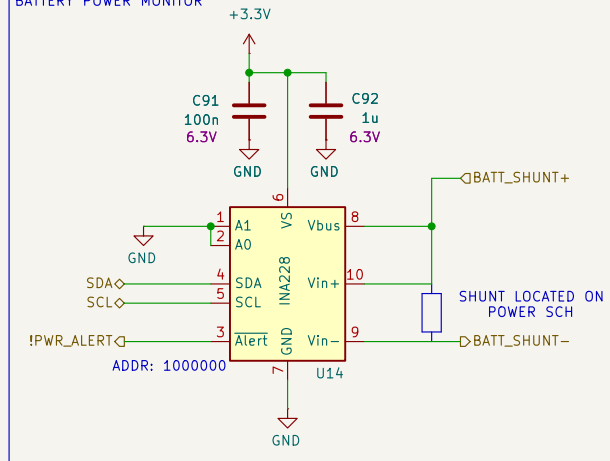
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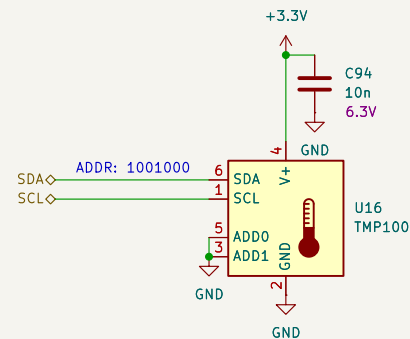
Date:

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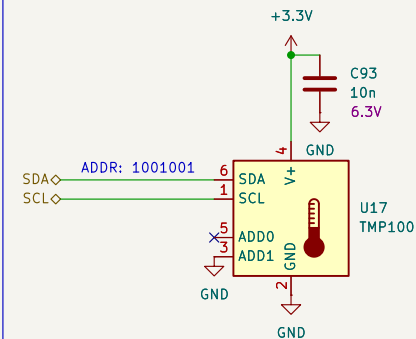
BATTERY POWER MONITOR



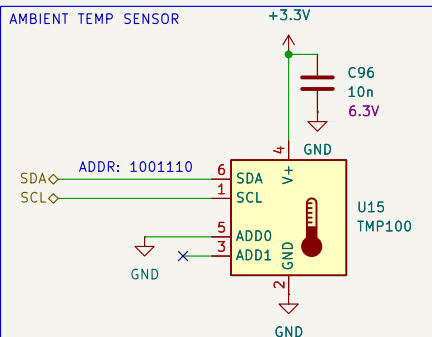
MOTOR DRIVER MOSFET TEMP MEASUREMENT SENSOR



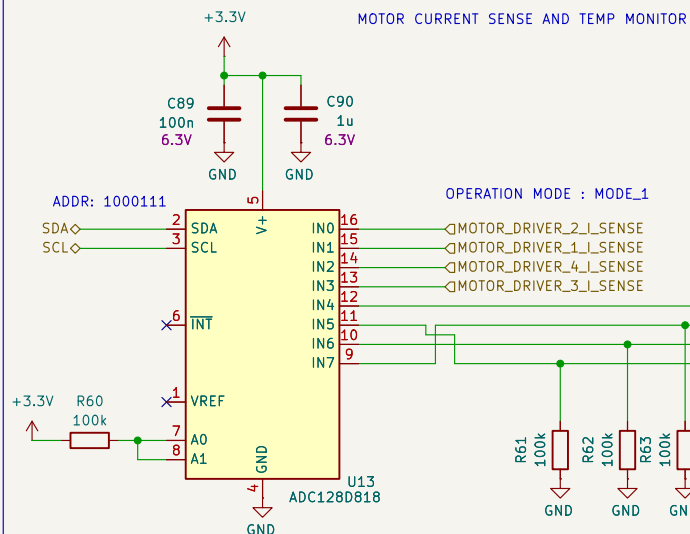
POWER MUX TEMP SENSOR



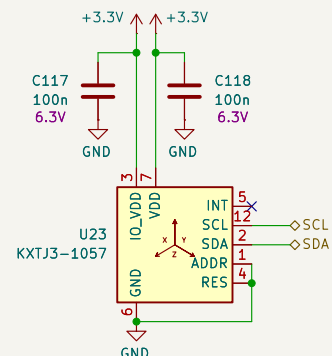
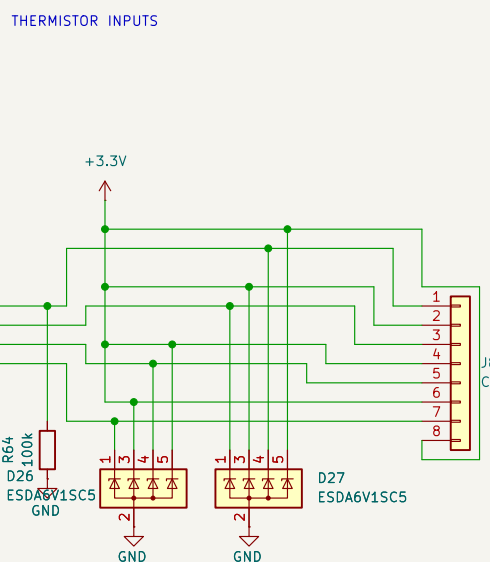
AMBIENT TEMP SENSOR



MOTOR CURRENT SENSE AND TEMP MONITOR



THERMISTOR INPUTS



points to measure temp:
on bare controlled power switch
power mux
motor drivers

Sheet: /BOARD_STAT_MESUREMENT/
File: BOARD_STAT_MESUREMENT.kicad_sch

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Size: A4

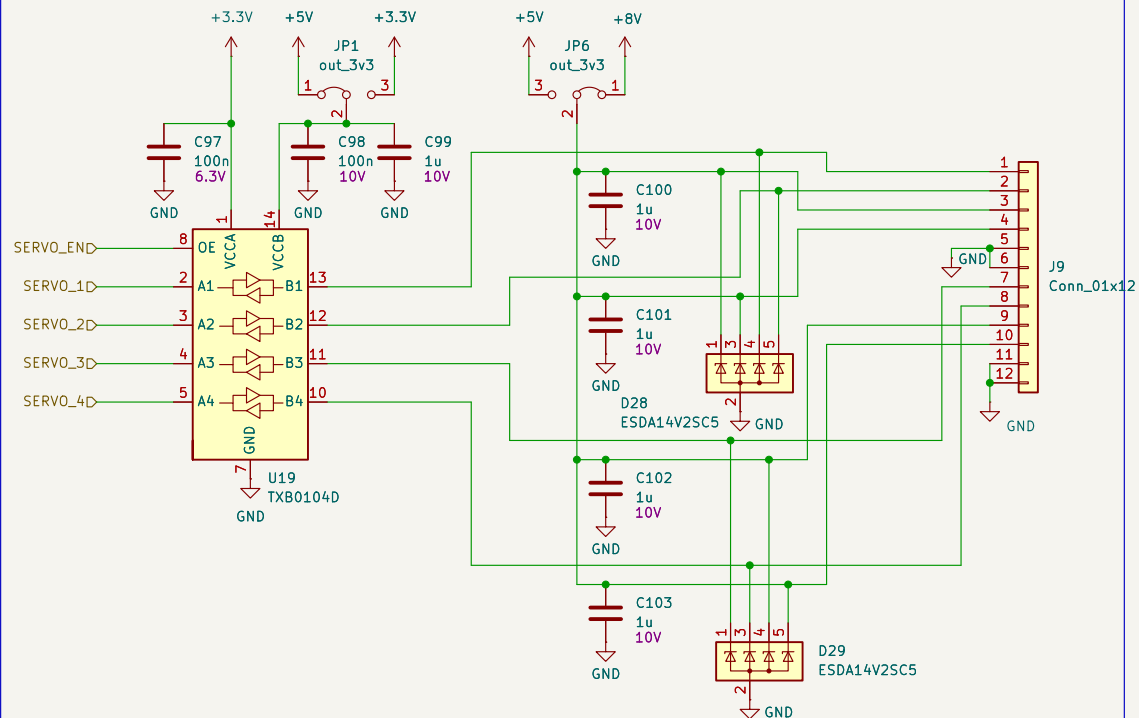
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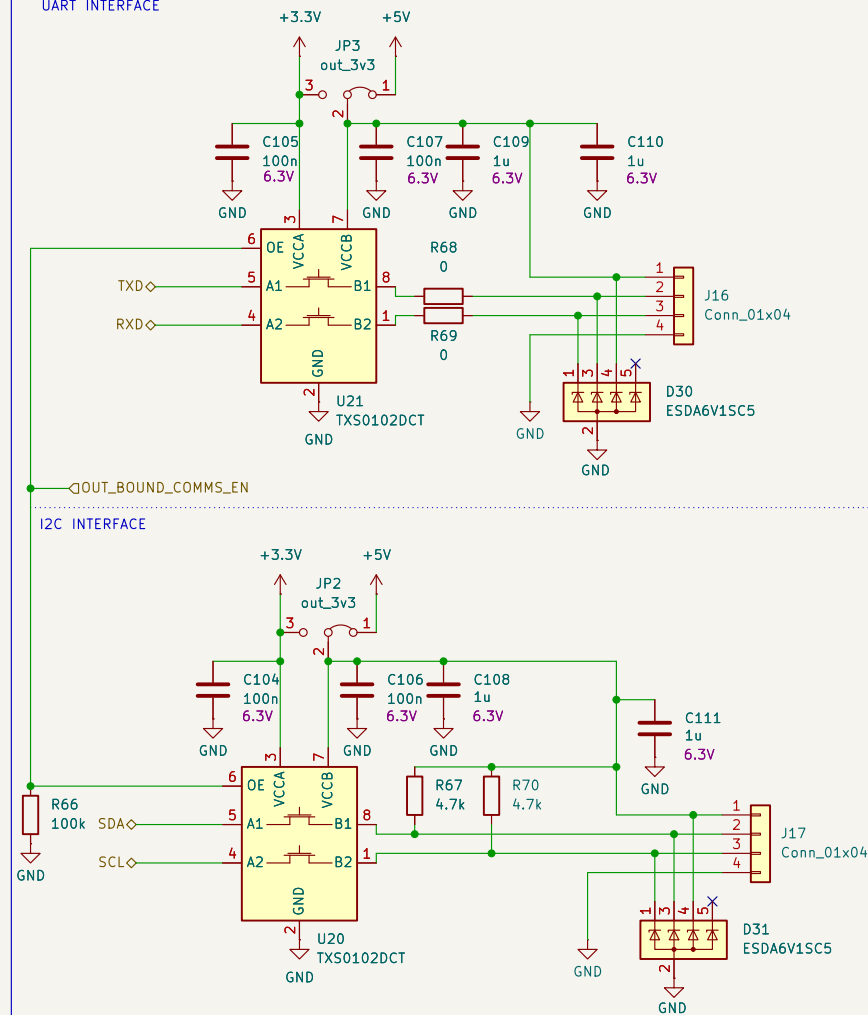
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SERVO INTERFACE



UART INTERFACE



Sheet: /EXTERNAL_INTERFACING_DEVICES/
File: EXTERNAL_INTERFACING_DEVICES.kicad_sch

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