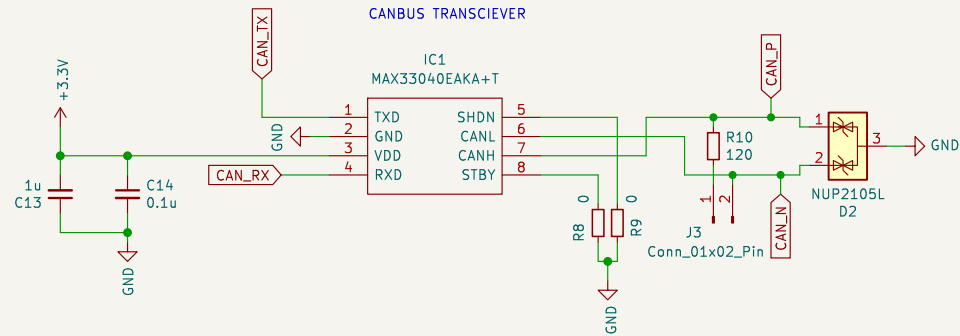
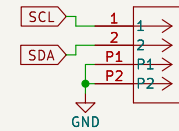


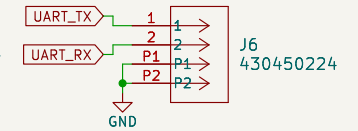
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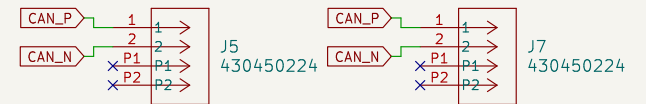
I2C CONNECTOR



UART CONNECTOR



CANBUS CONNECTORS



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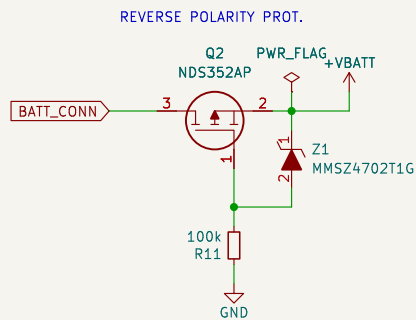
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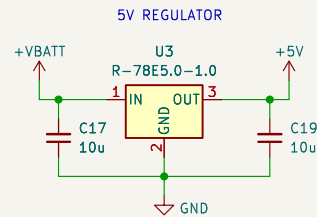
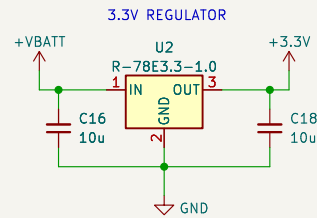
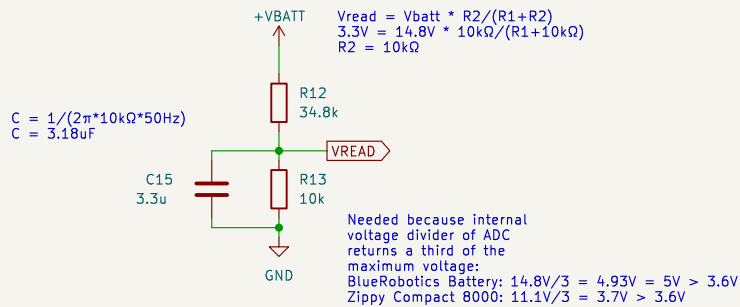
Power

- *P-CHANNEL MOSFET IN SERIES WITH POWER SUPPLY
- *LOAD INPUT CONNECTED TO DRAIN AND INPUT VOLTAGE TO SOURCE
- *WITH CORRECT POLARITY, MOSFET IS TURNED ON
- *DRAIN OUTPUT VOLTAGE PROVIDES POWER TO LOAD
- *GATE CONNECTED TO GROUND AND CONTROLS CONNECTIVITY

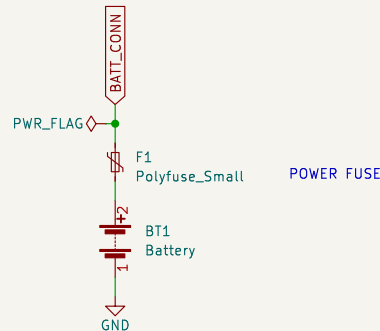
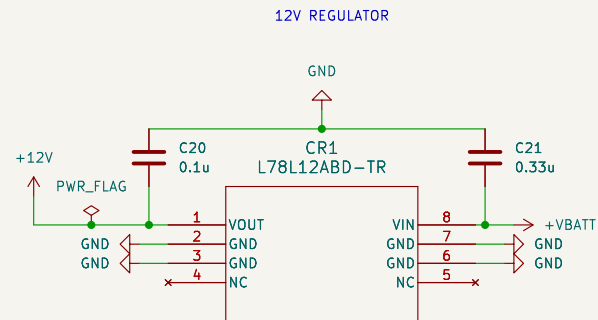


- *CHECK CALIBRATION DATA OF TEMP SENSOR AND INTERNAL VOLTAGE REFERENCE
- *IN THE SYSTEM MEMORY AREA TO IMPROVE TEMPERATURE SENSOR ACCURACY
- *BEST WAY TO MEASURE PCB TEMPERATURE IS DIRECTLY IN THE MCU
- *THE MAIN HEAT SOURCE. IT HAS AN INTERNAL TEMP SENSOR IN THE ADC.
- *MEASURES JUNCTION TEMPERATURE

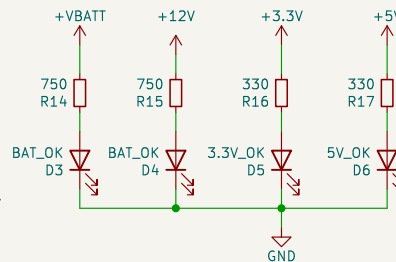
BATTERY VOLTAGE READING DIVIDER



- *CERAMIC CAPACITORS
- *REGULATORS ACCEPT INPUT VOLTAGES OF 8V-28V



POWER INDICATORS



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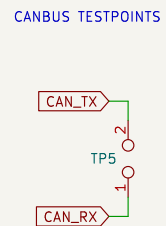
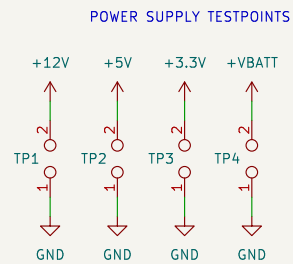
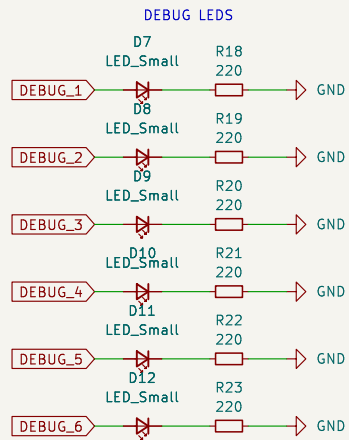
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Debug



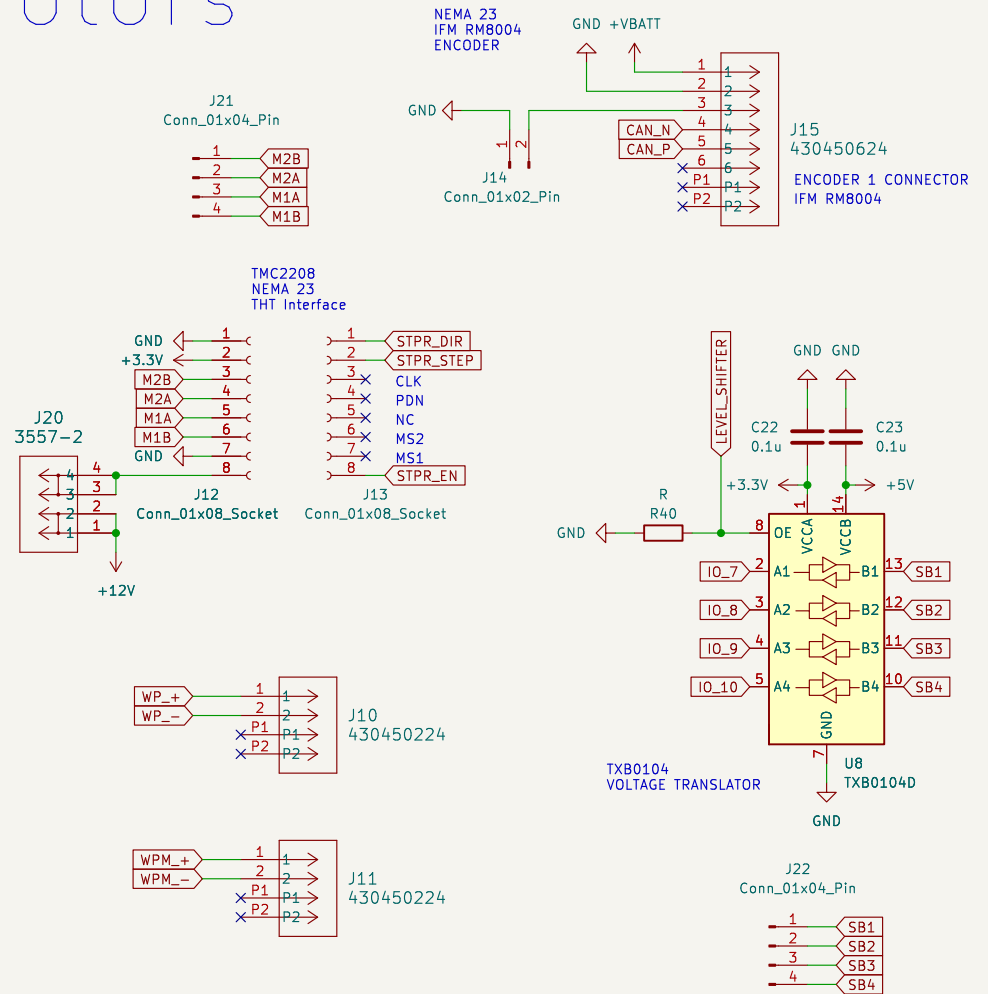
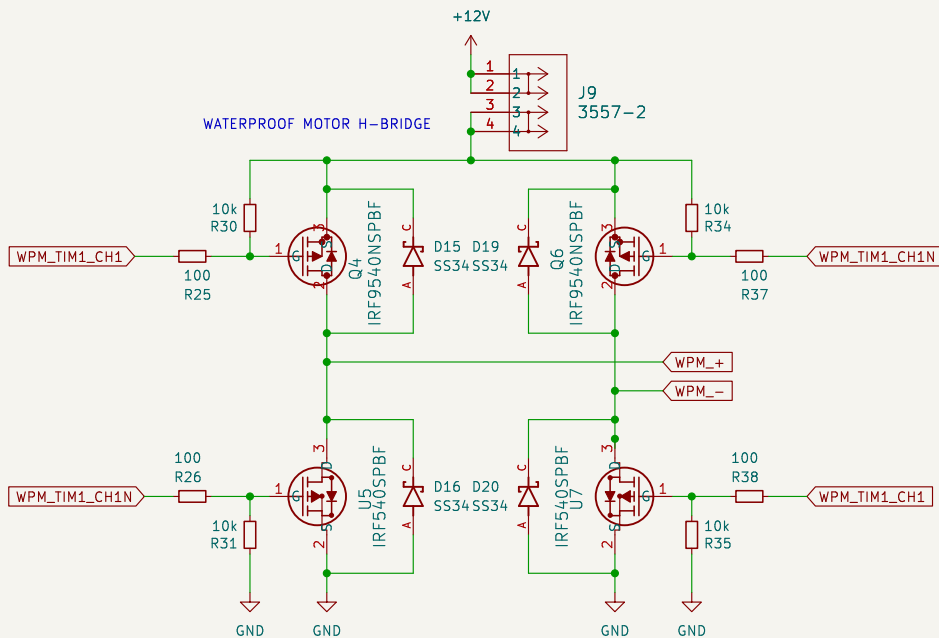
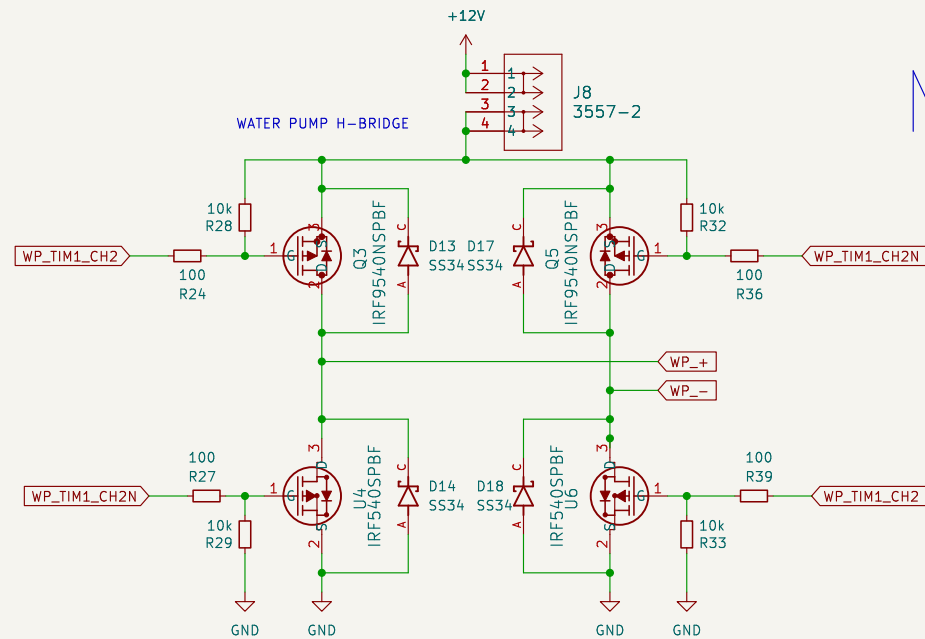
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Motors



Sheet: /Motors/
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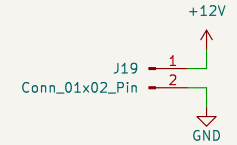
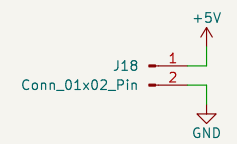
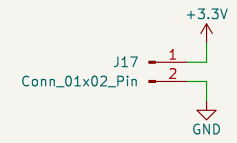
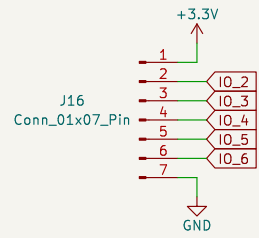
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IOs

I/O CONNECTOR



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Size: A4	Date:	Rev:
KiCad E.D.A. kicad 7.0.10	Id: 6/6	