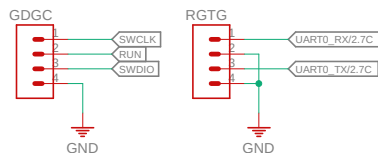
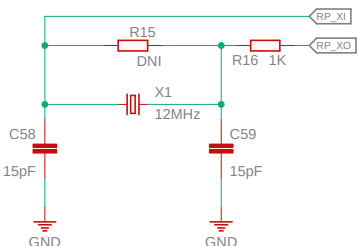


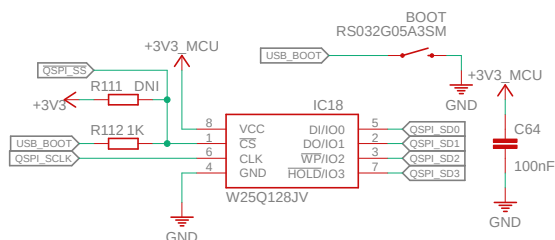
DEBUG



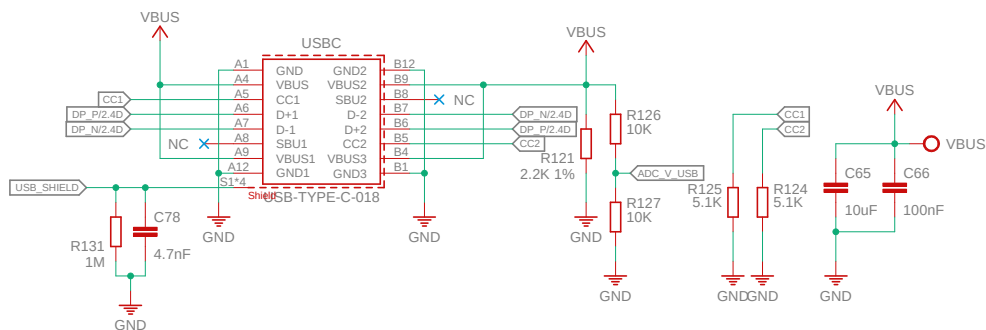
12MHZ CRYSTAL



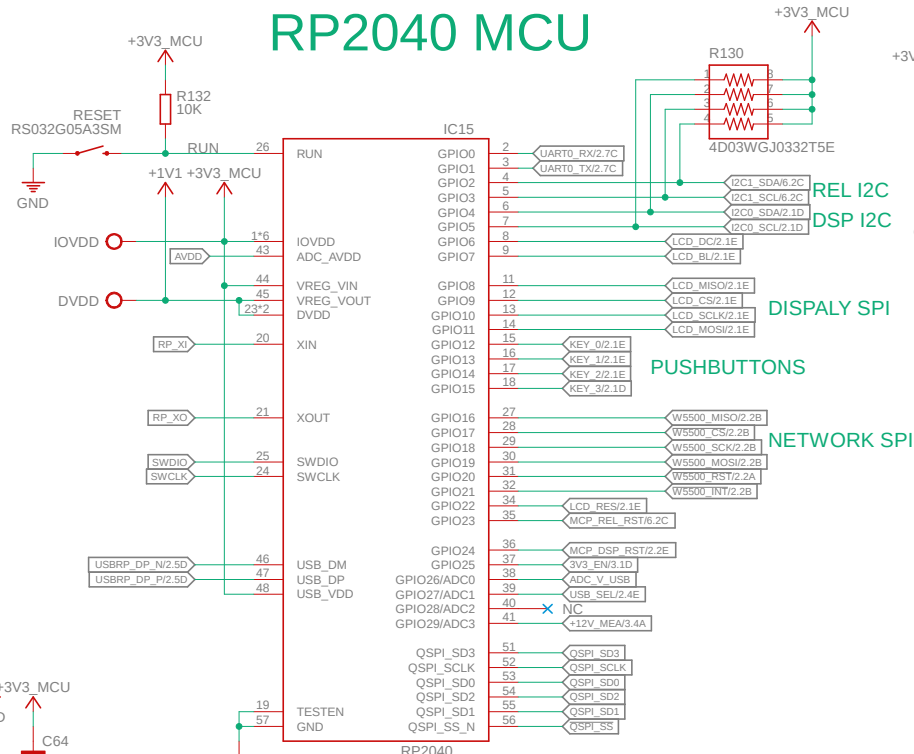
RP2040 FLASH



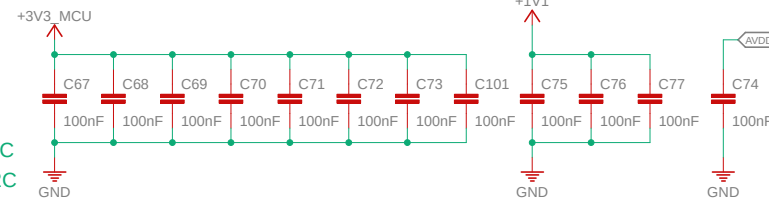
USB-C CONNECTOR



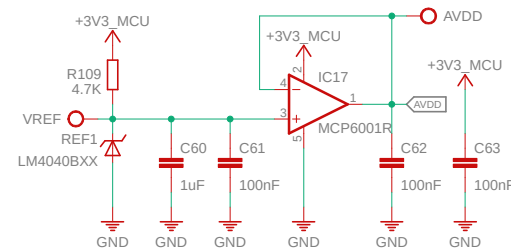
RP2040 MCU



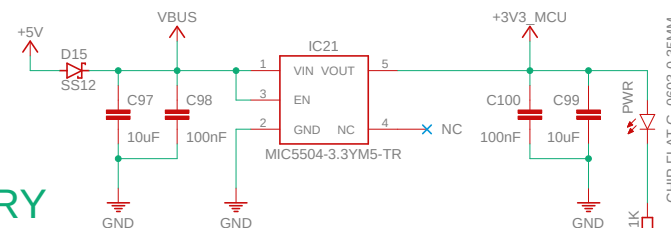
DECOUPLING



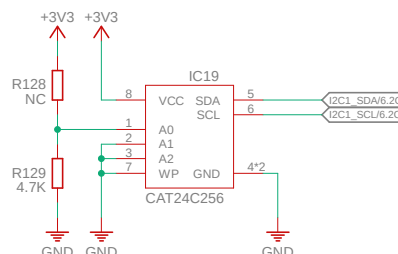
ADC VREF



3.3 VBUS-LDO



USER MEMORY

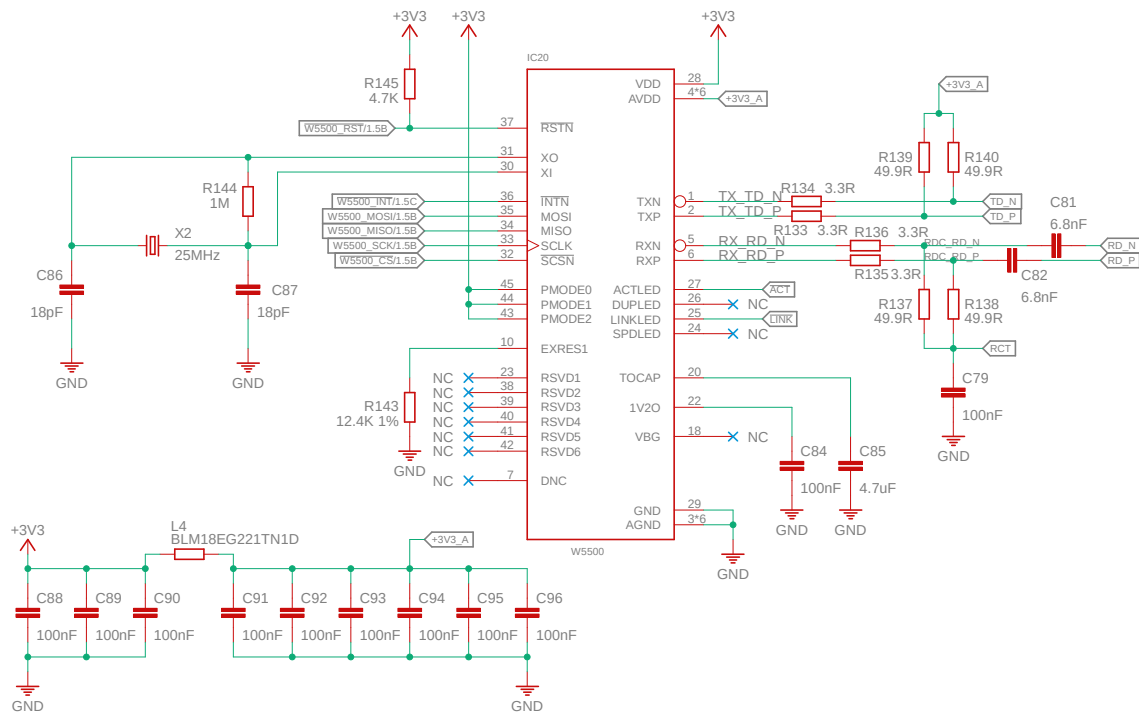


MAIN BOARD

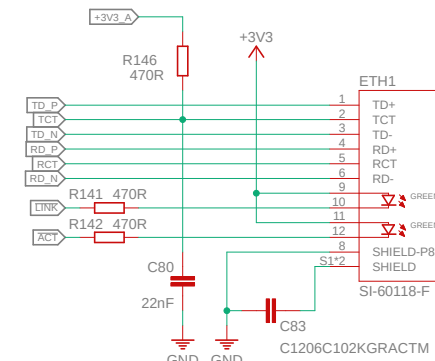
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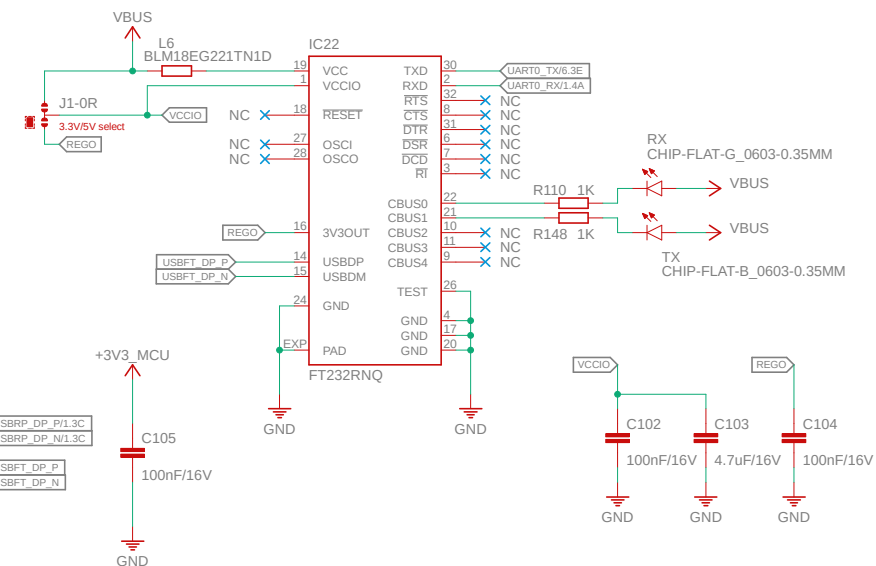
W5500 ETHERNET CONTROLLER



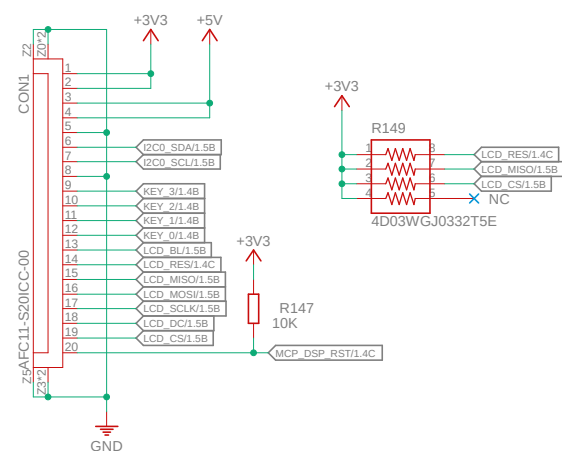
RJ45-CAT5



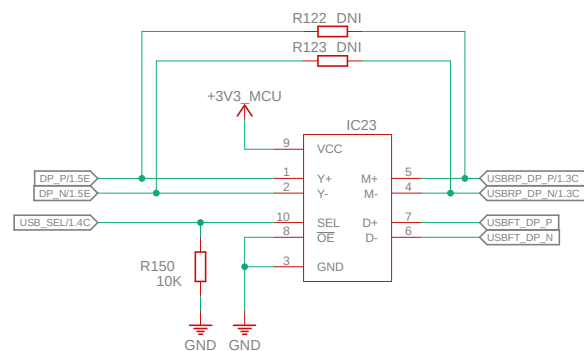
USB-UART CONVERTER



BOARD CONNECTOR



USB MULTIPLEXER



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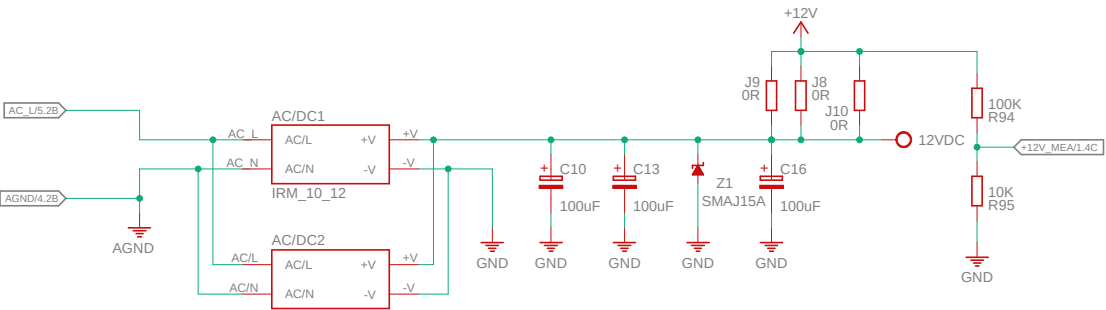
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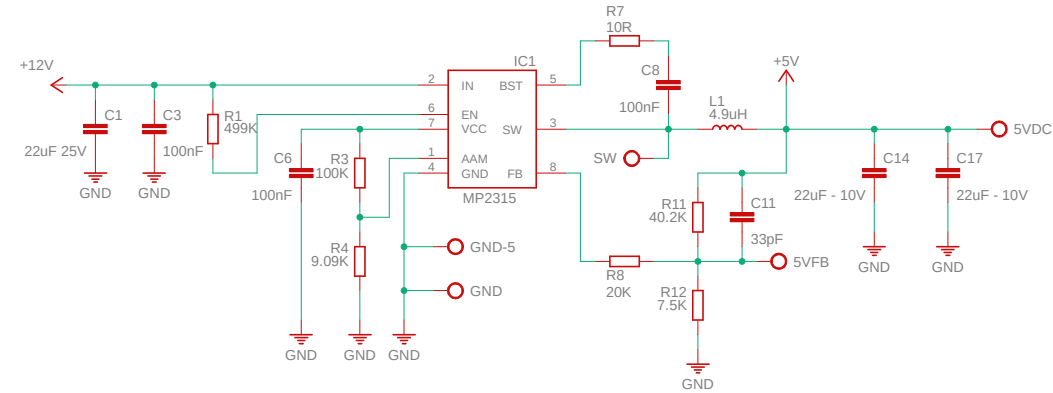
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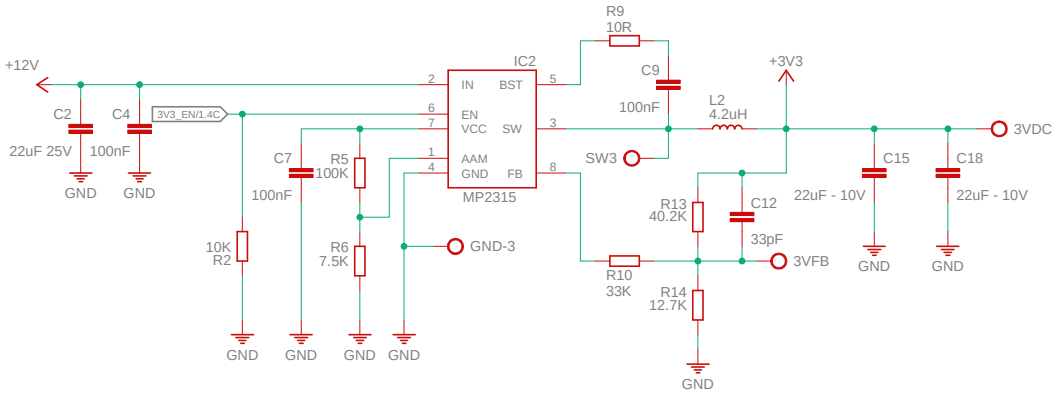
12V - 10W FLYBACK CONVERTER



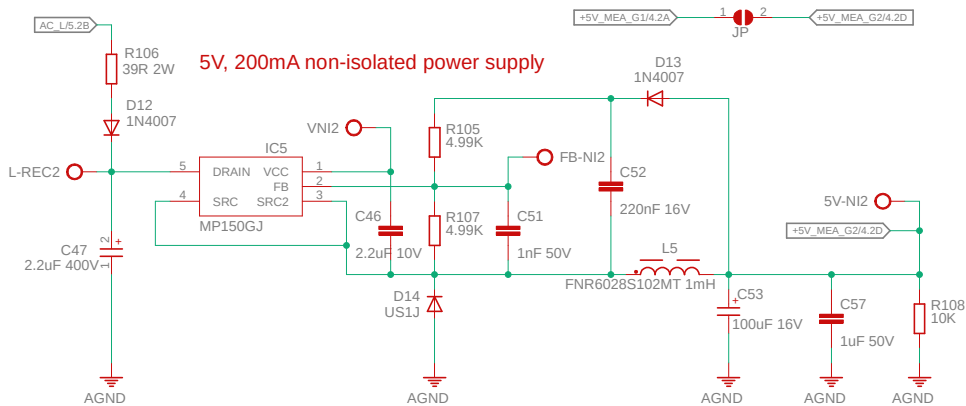
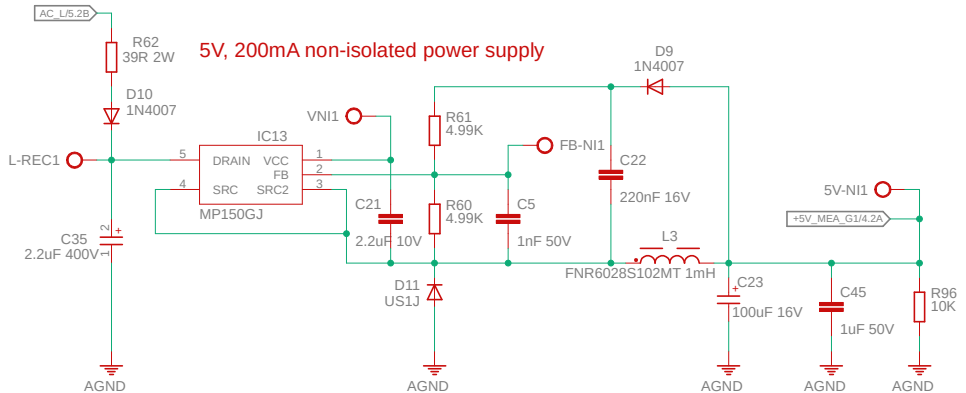
5V DC-DC CONVERTER



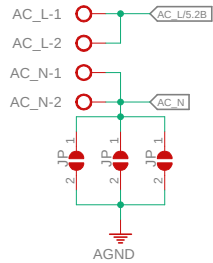
3.3V DC-DC CONVERTER



5V AC-MEASUREMENT



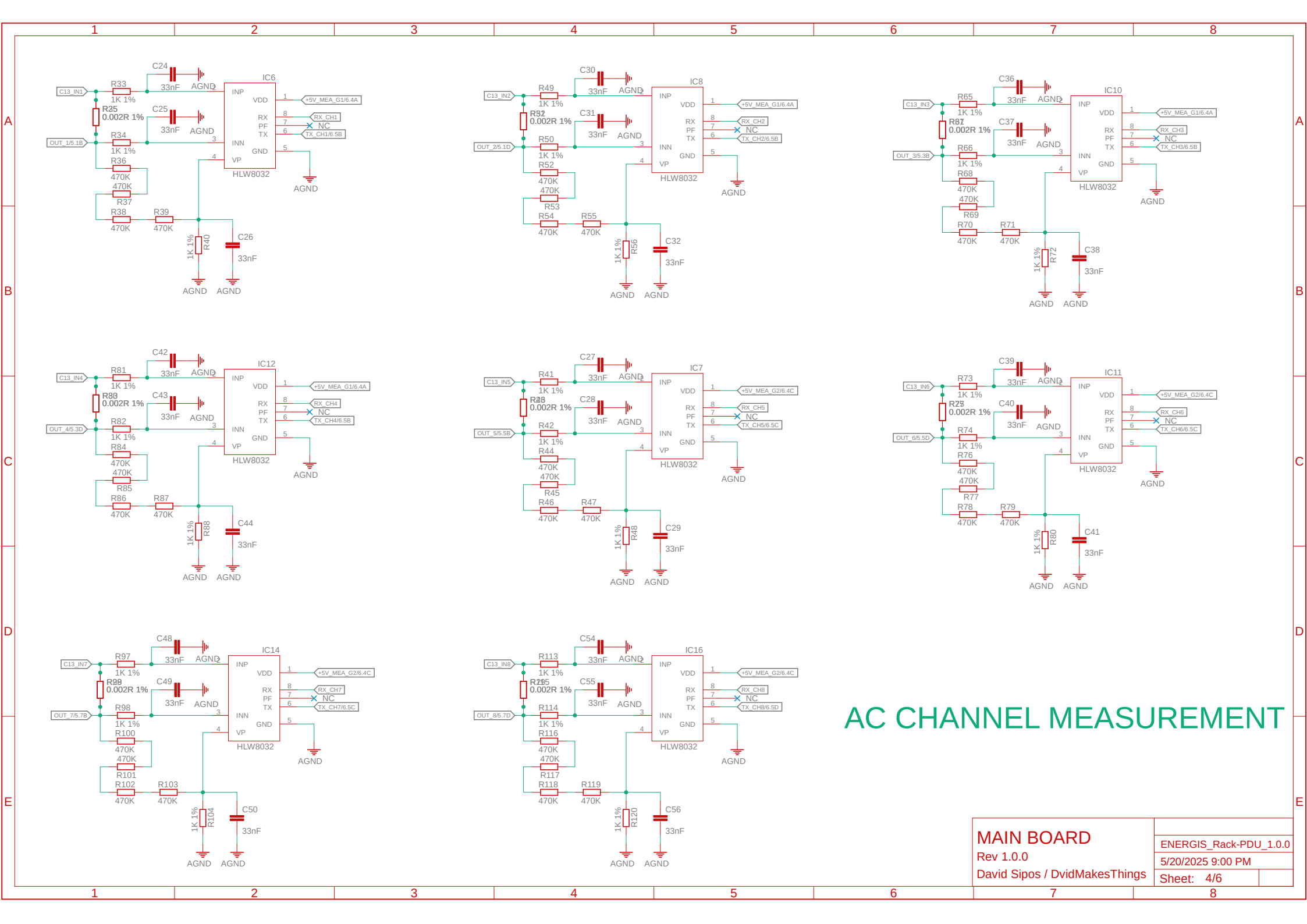
AC-INPUT



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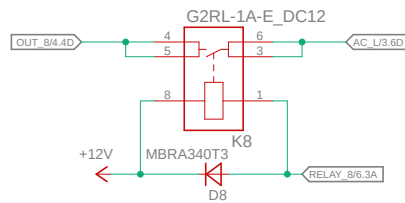
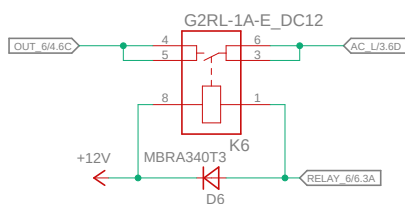
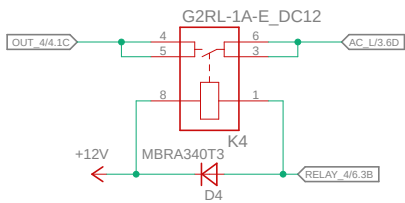
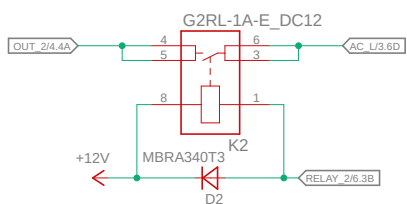
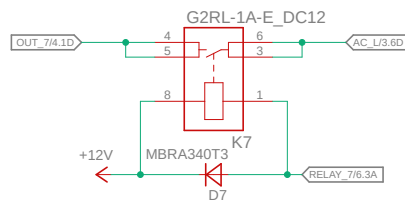
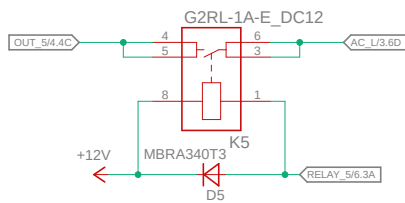
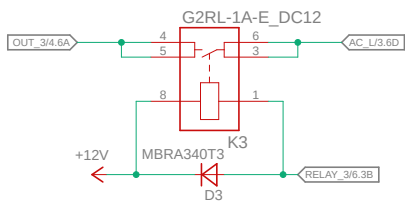
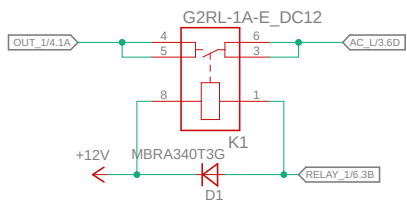
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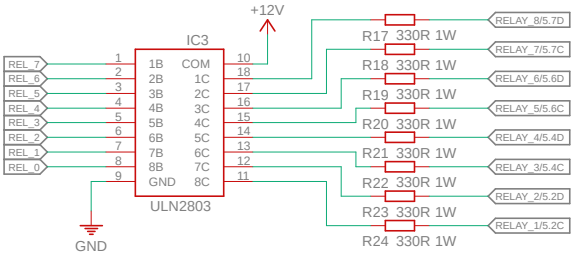
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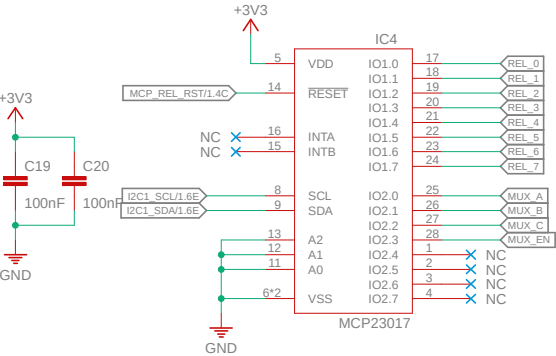
OUTPUT RELAYS



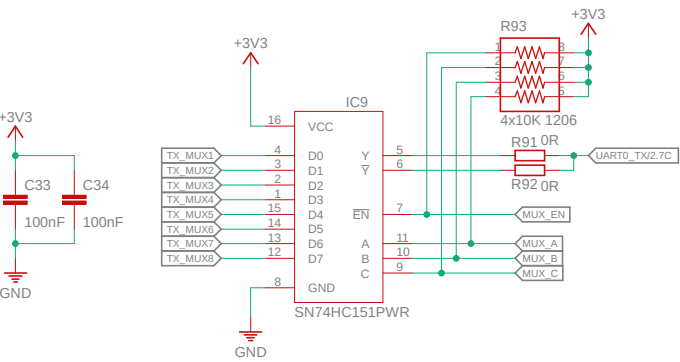
ULN2803 RELAY DRIVER



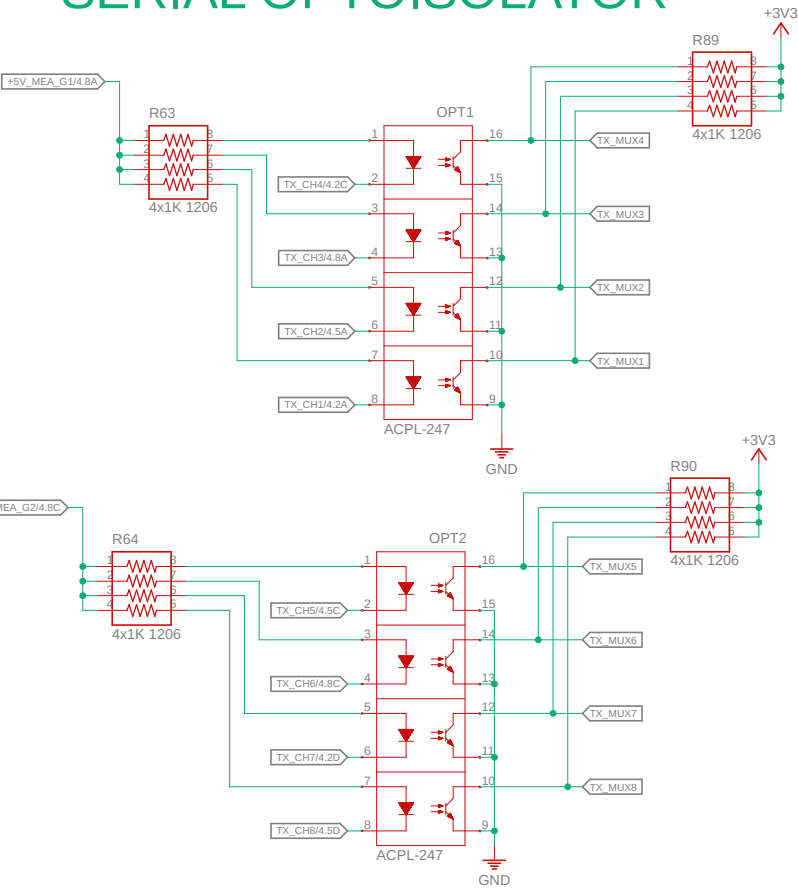
IO DRIVER



SERIAL MUX



SERIAL OPTOISOLATOR



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