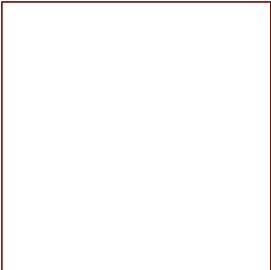


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B						B
C						C
D						D
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navigation_unit



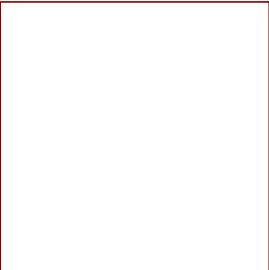
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navigation_unit_peripherals



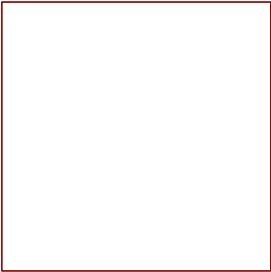
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flight_control_unit



File: flight_control_unit.kicad_sch

other_connections



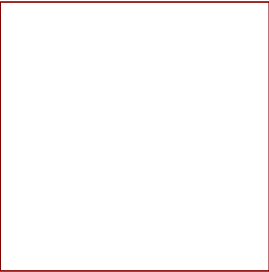
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power_supply



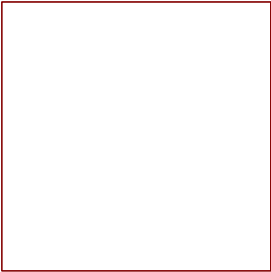
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flight_control_unit_peripherals



File: flight_control_unit_peripherals.kicad_sch

layout_guidelines

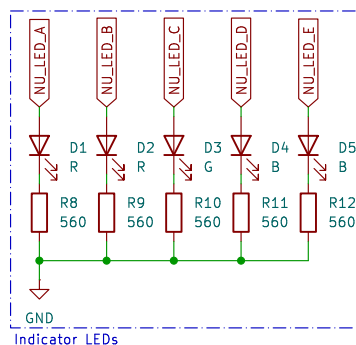
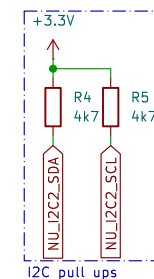
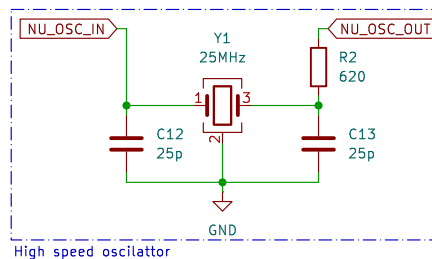
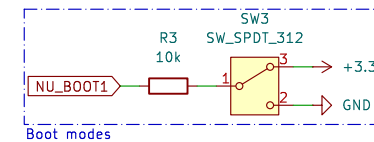
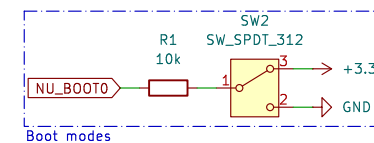
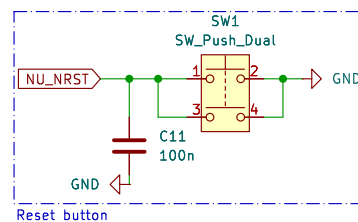
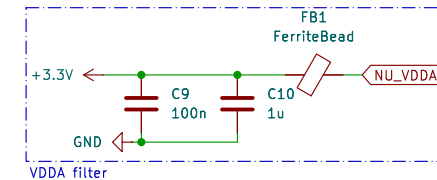
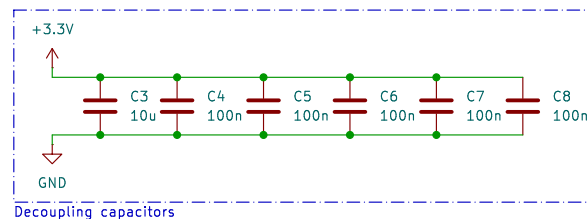
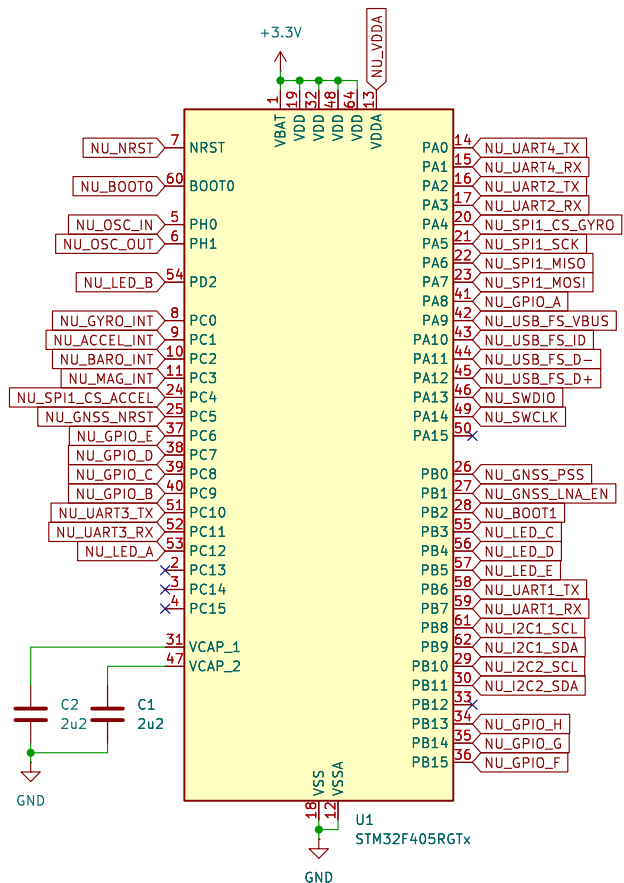


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Navigation Unit

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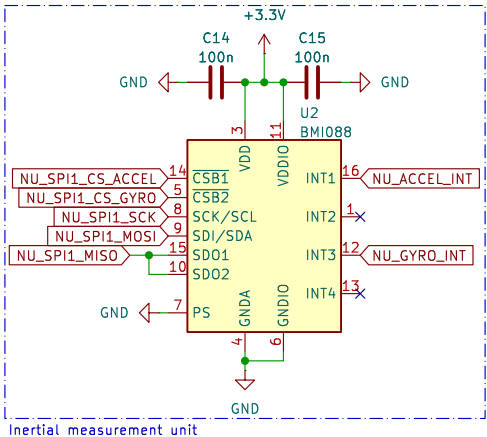
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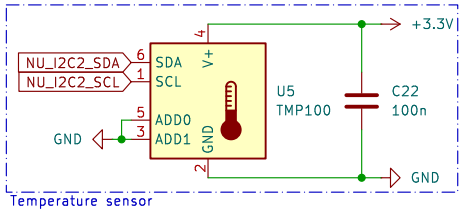
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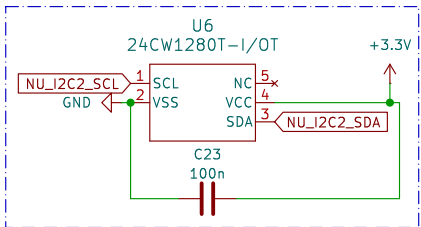
Navigation Peripherals



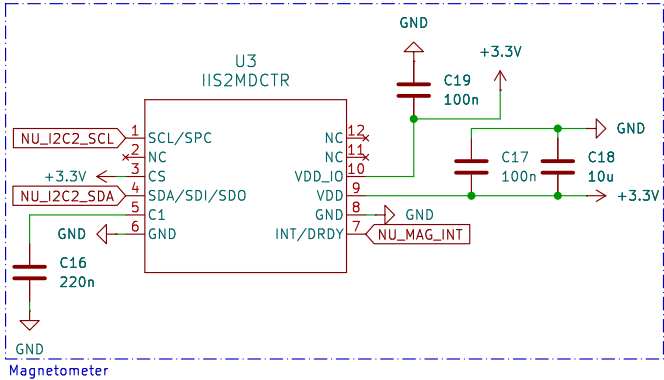
Inertial measurement unit



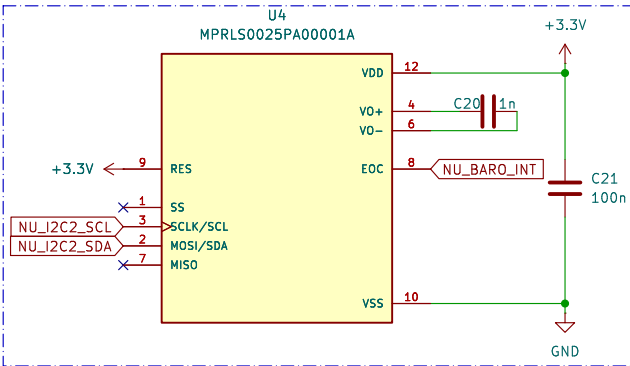
Temperature sensor



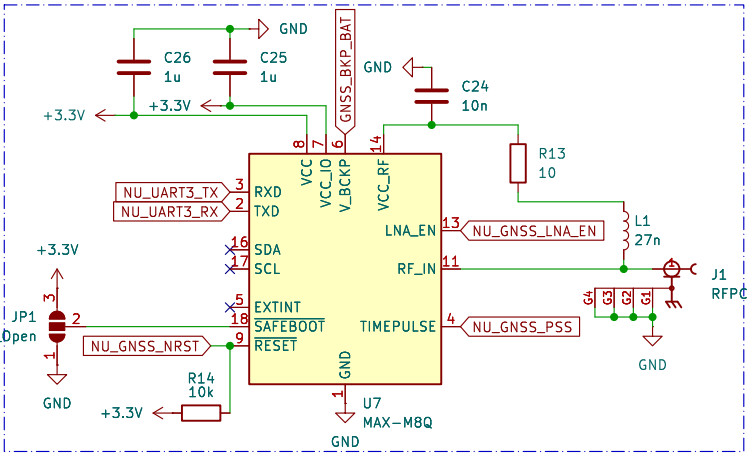
EEPROM memory



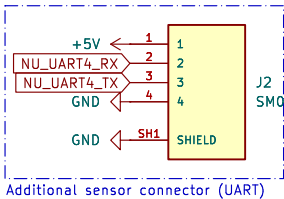
Magnetometer



Absolute pressure sensor



GNSS module



Additional sensor connector (UART)

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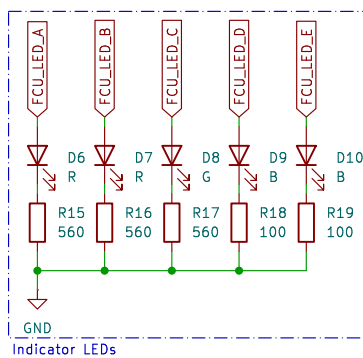
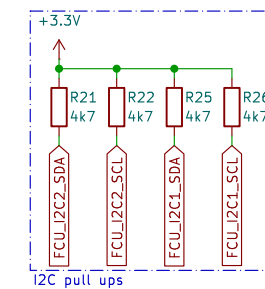
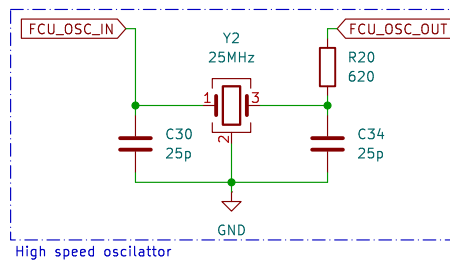
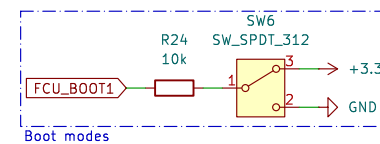
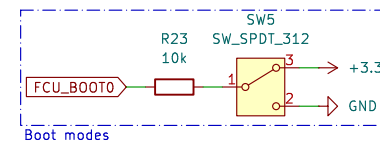
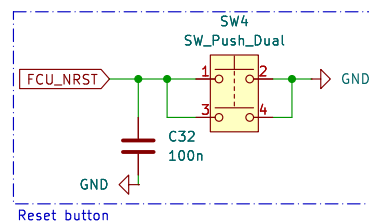
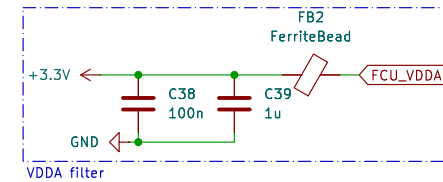
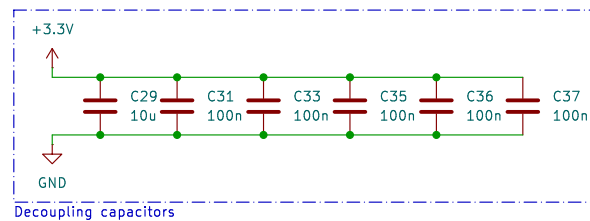
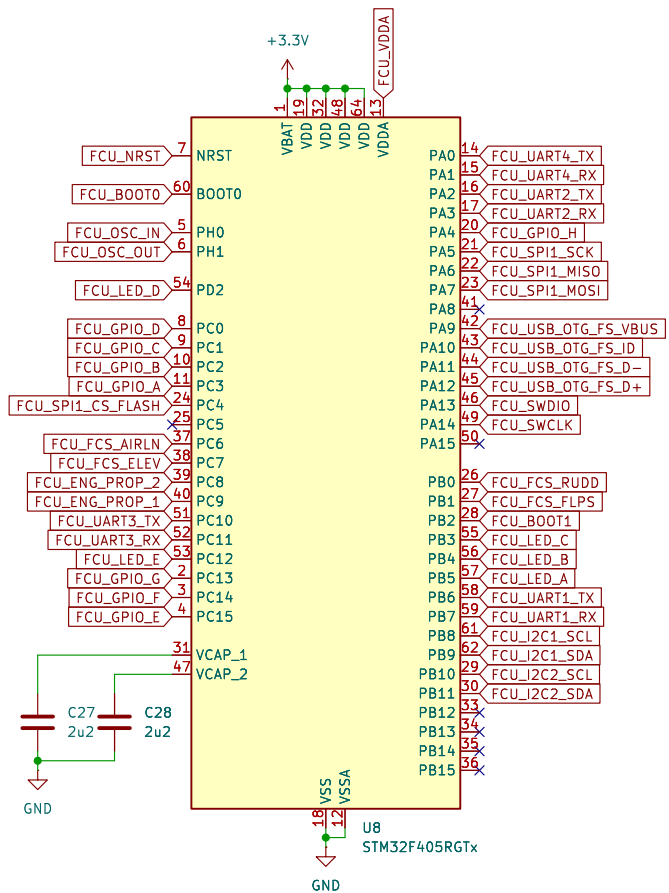
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Flight Control Unit

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C29, C39 are Tantalum
C28, C27 are 1206
C31, C33, C35, C36, C37, C38 are 0402
C30, C32, C34 are 0603

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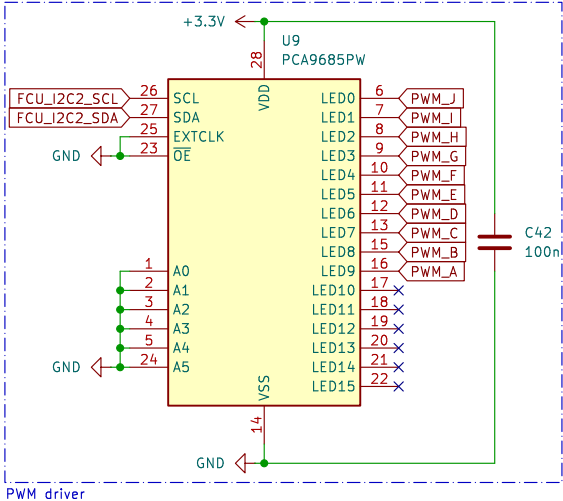
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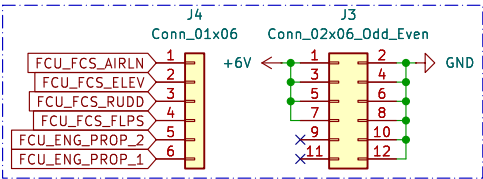
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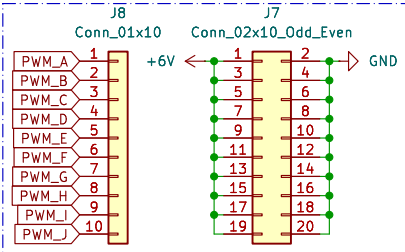
Flight Control Peripherals



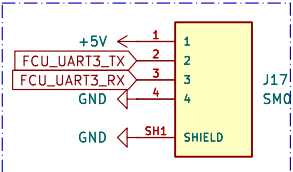
PWM driver



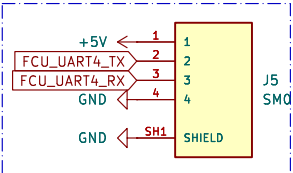
Flight control surfaces connectors



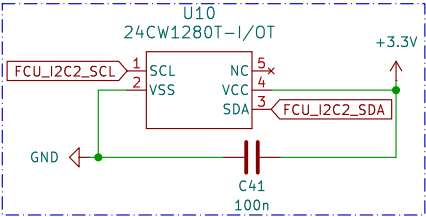
General purpose PWMs connector



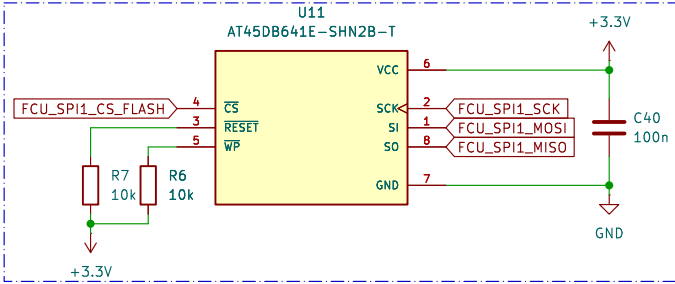
Radio module



Camera module



EEPROM module



Flash memory

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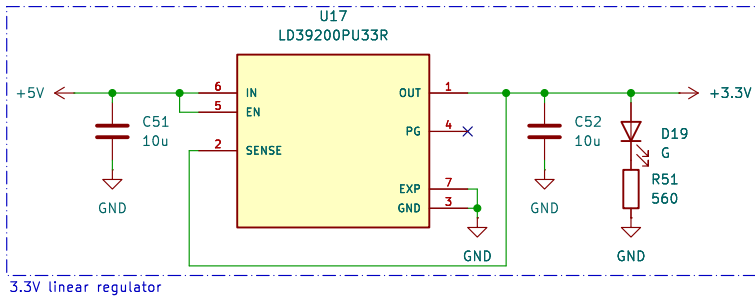
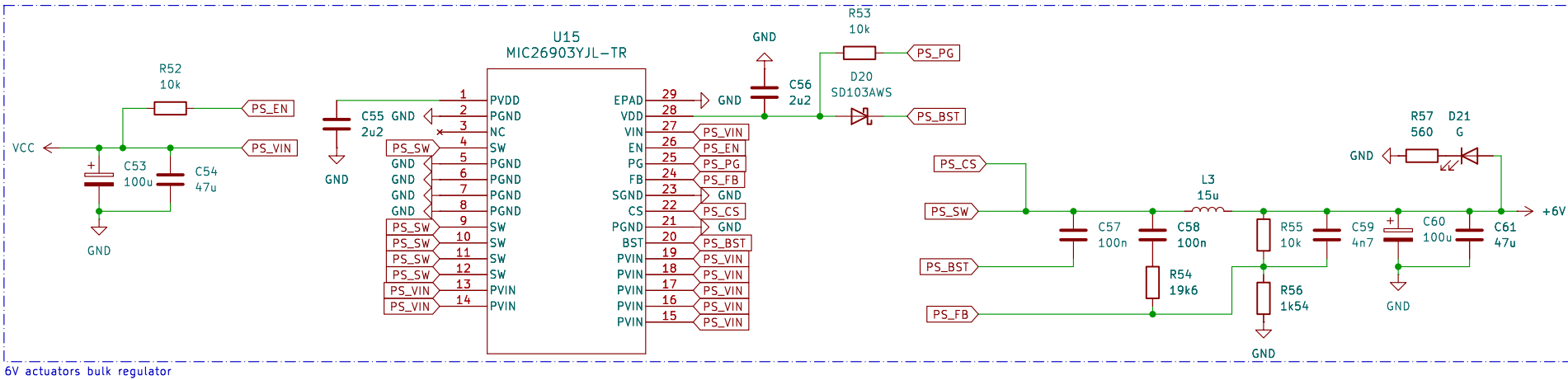
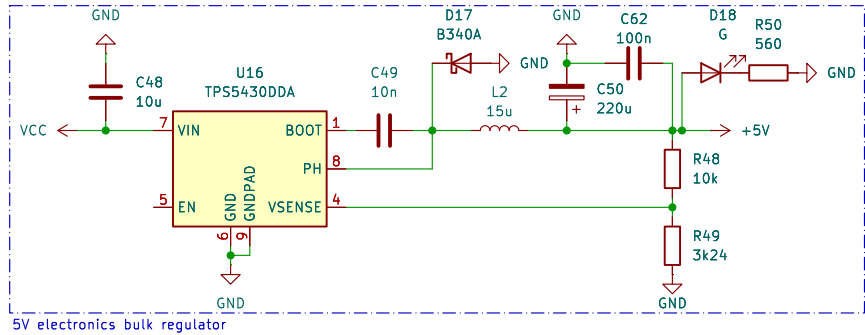
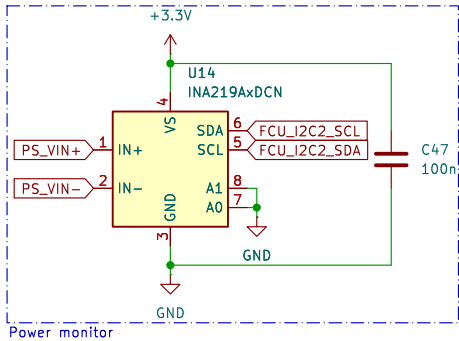
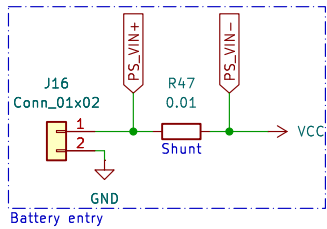
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Power Supply



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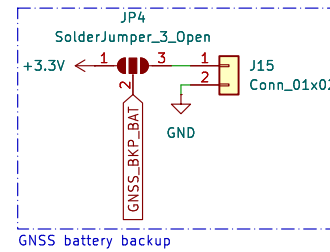
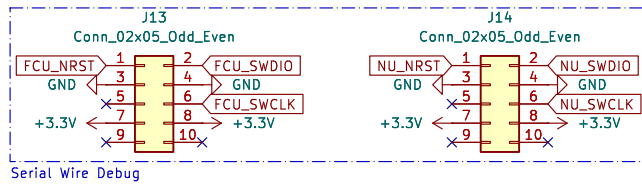
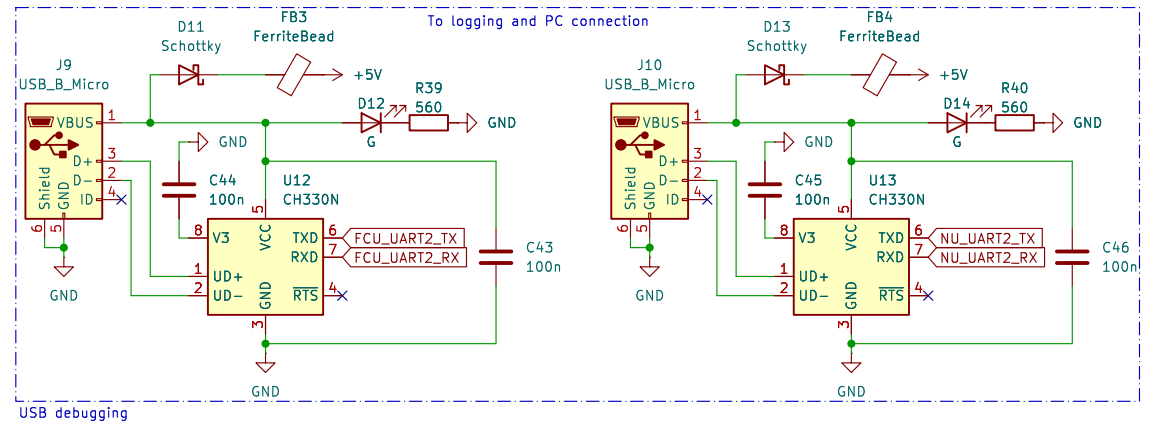
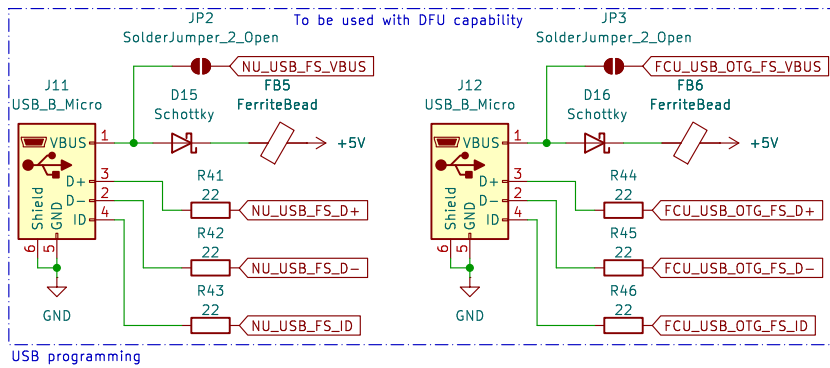
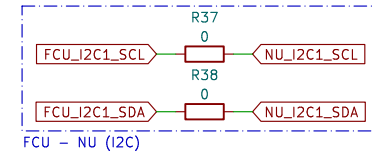
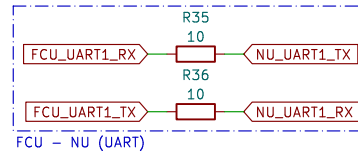
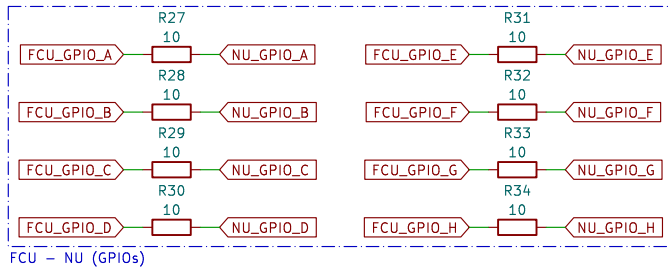
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B					B
C					C
D					D
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