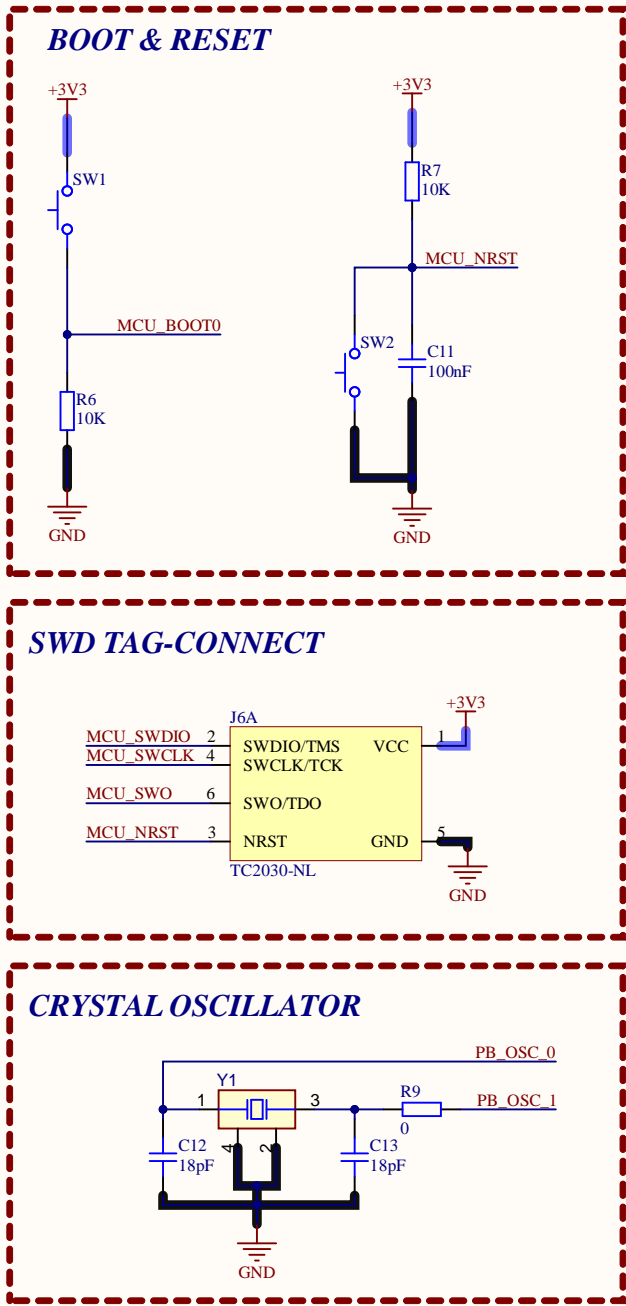
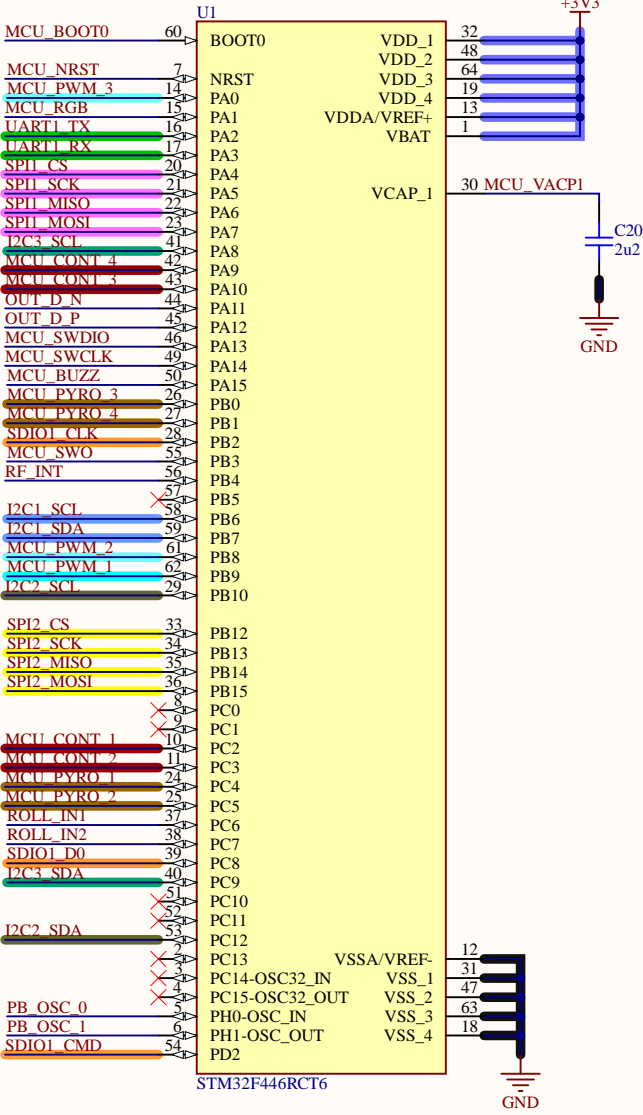


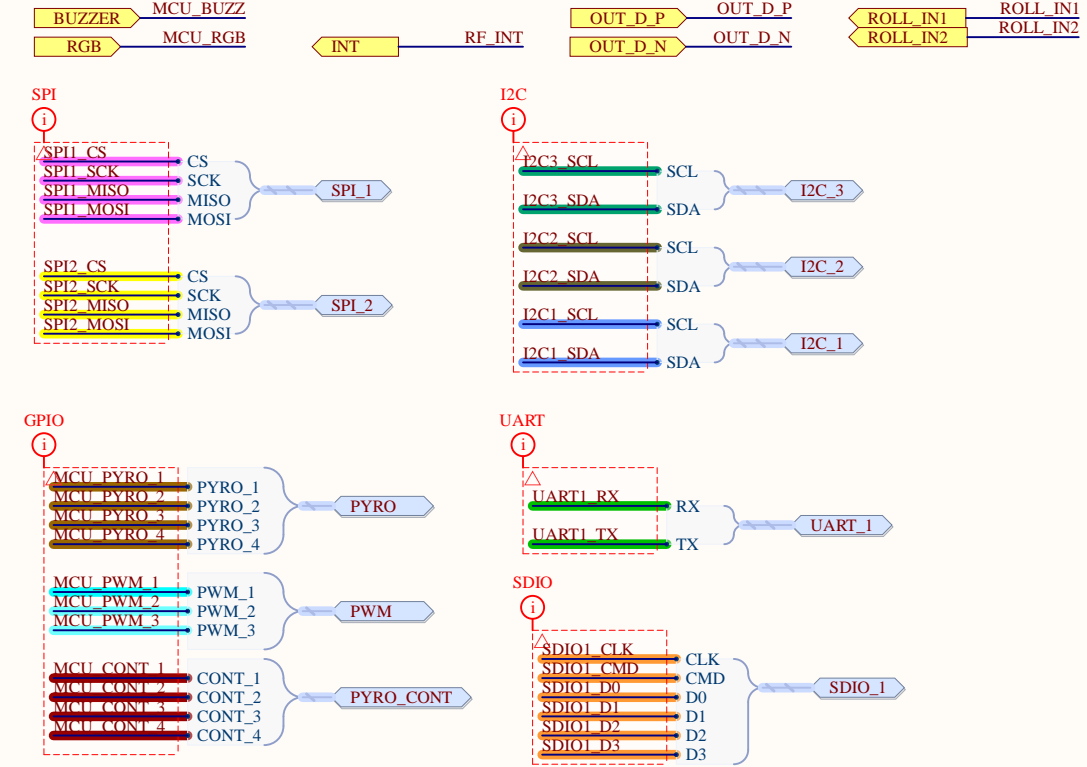
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PROMETHEUS FLIGHT COMPUTER			
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	A	Dorsheed Abdalla	1



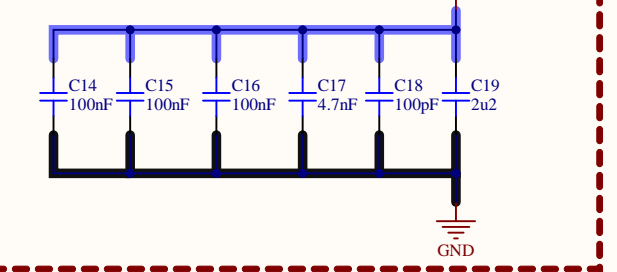
Microcontroller (STM32F446RCT6)

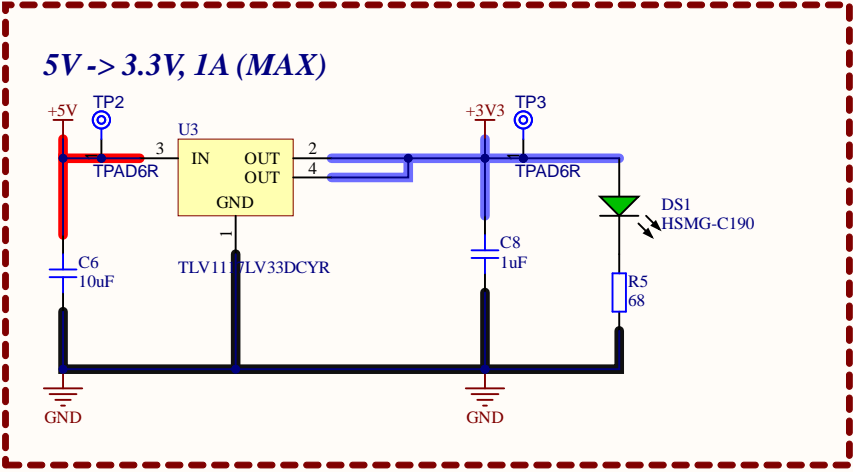
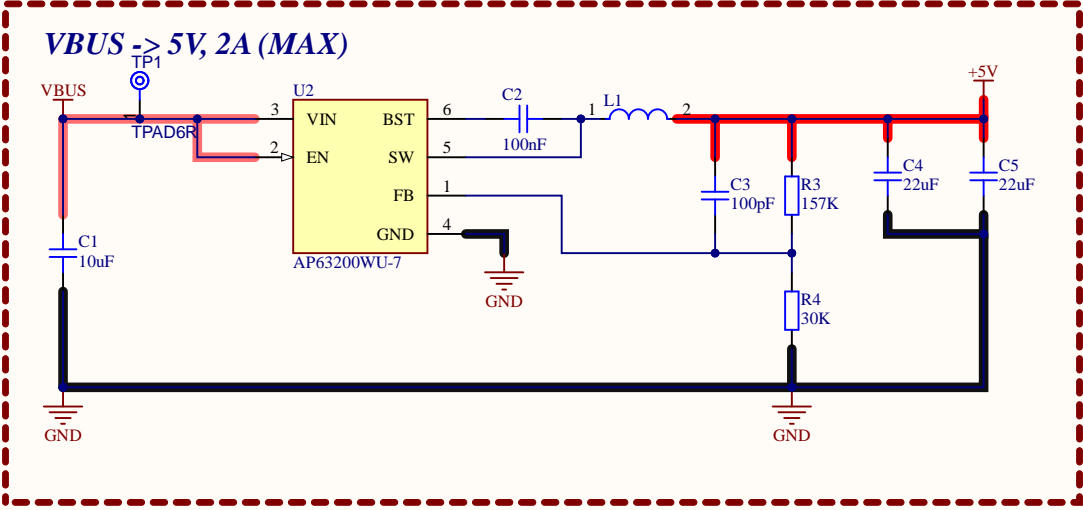


INTERFACES (GPIO, SPI, I2C, UART, SDIO)



+3V3 FILTER





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POWER MANAGEMENT			
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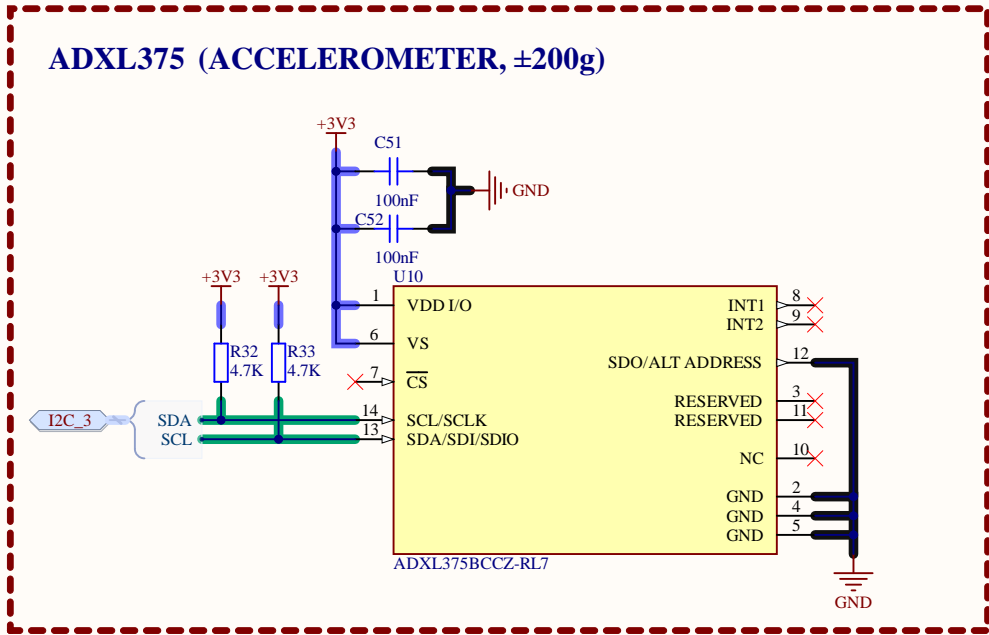
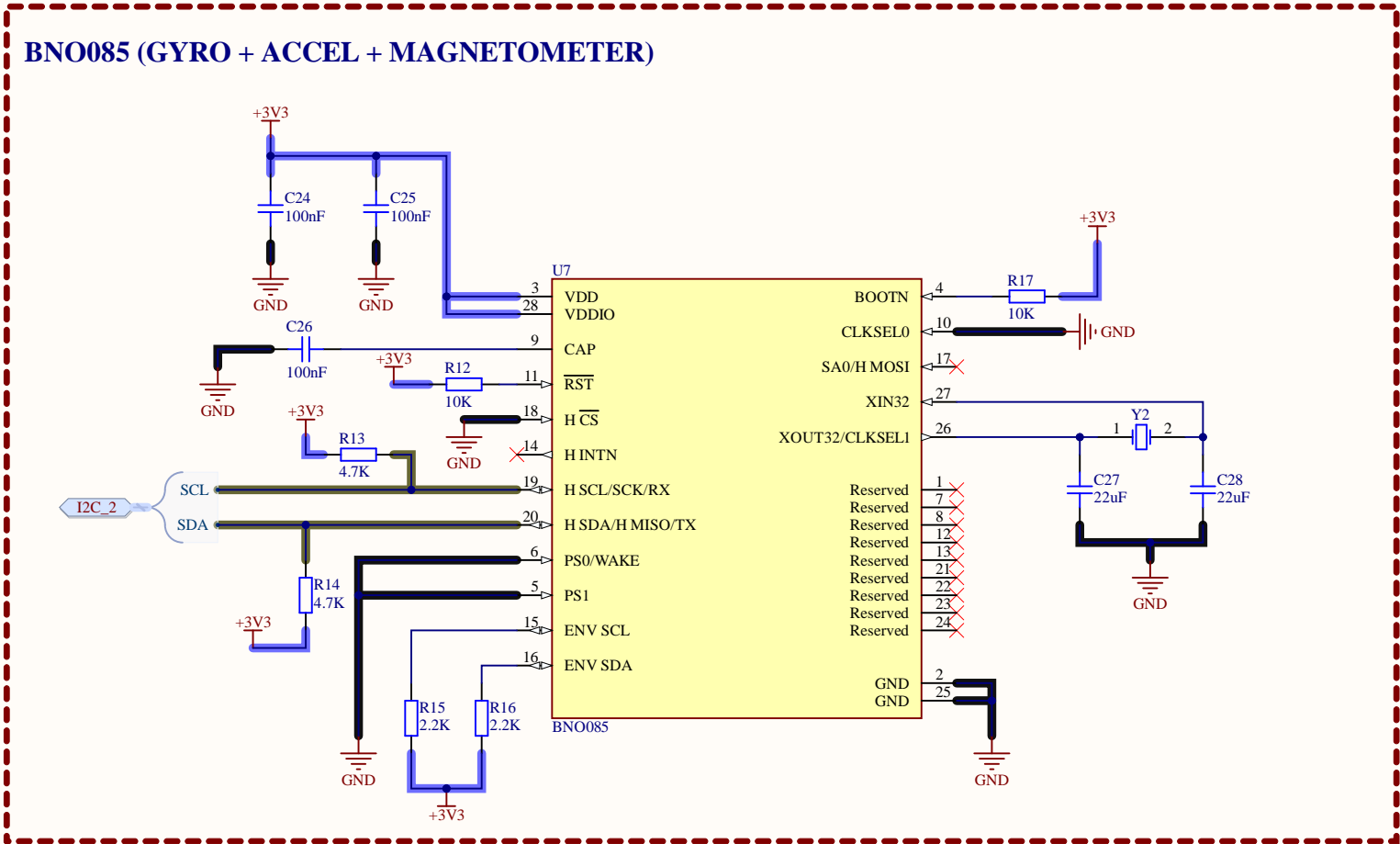
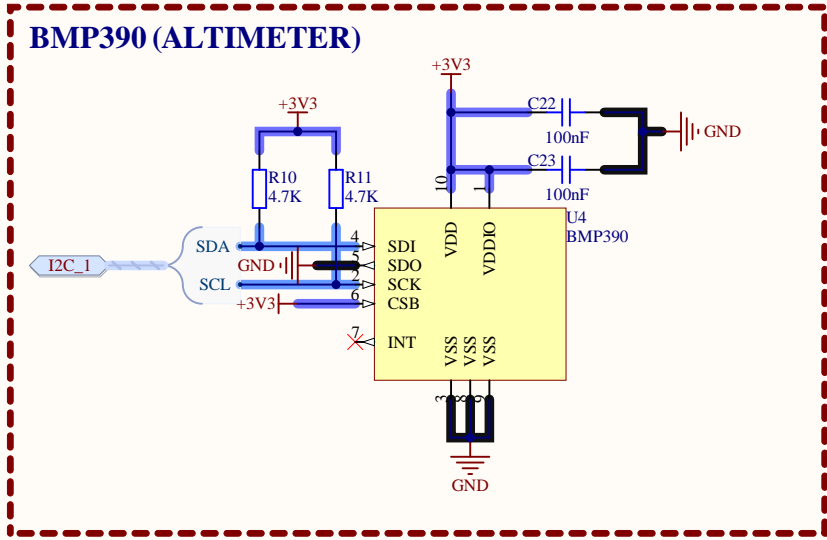
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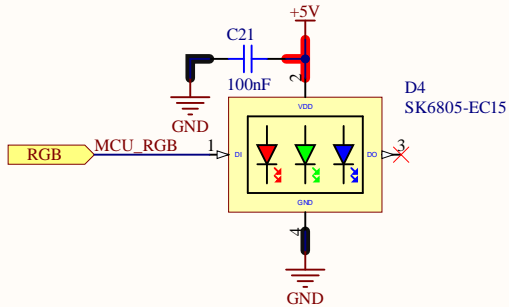
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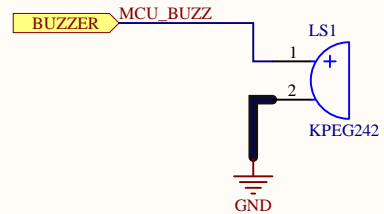


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ADDRESSABLE RGB LED



MAGNETIC BUZZER



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INDICATORS

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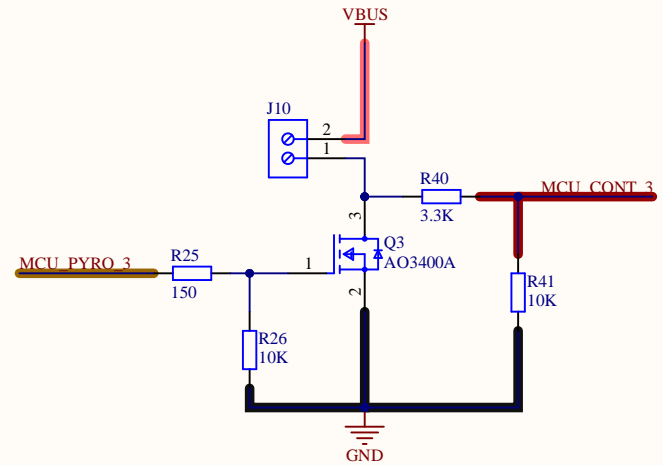
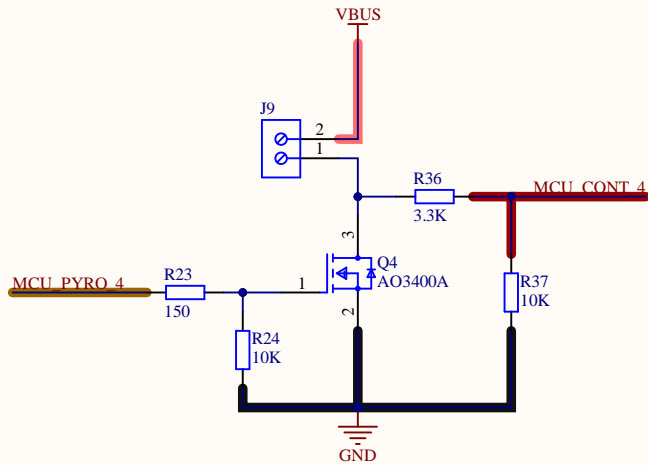
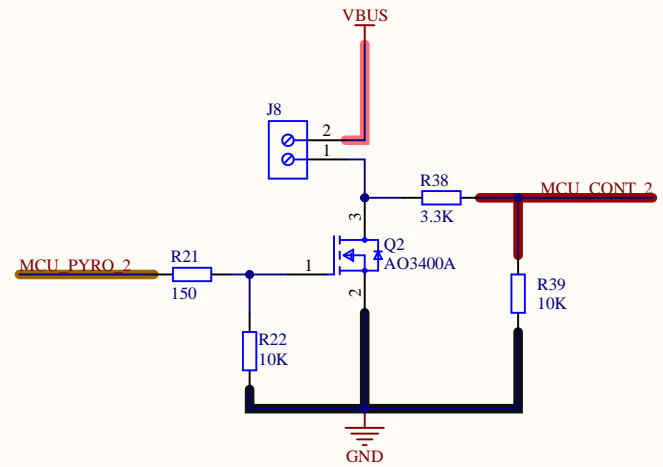
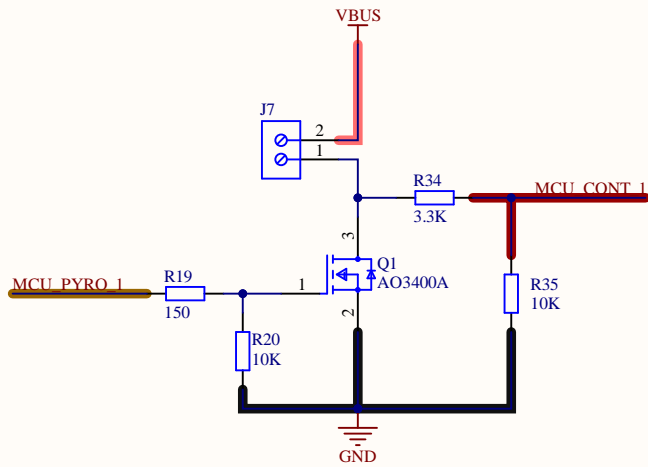
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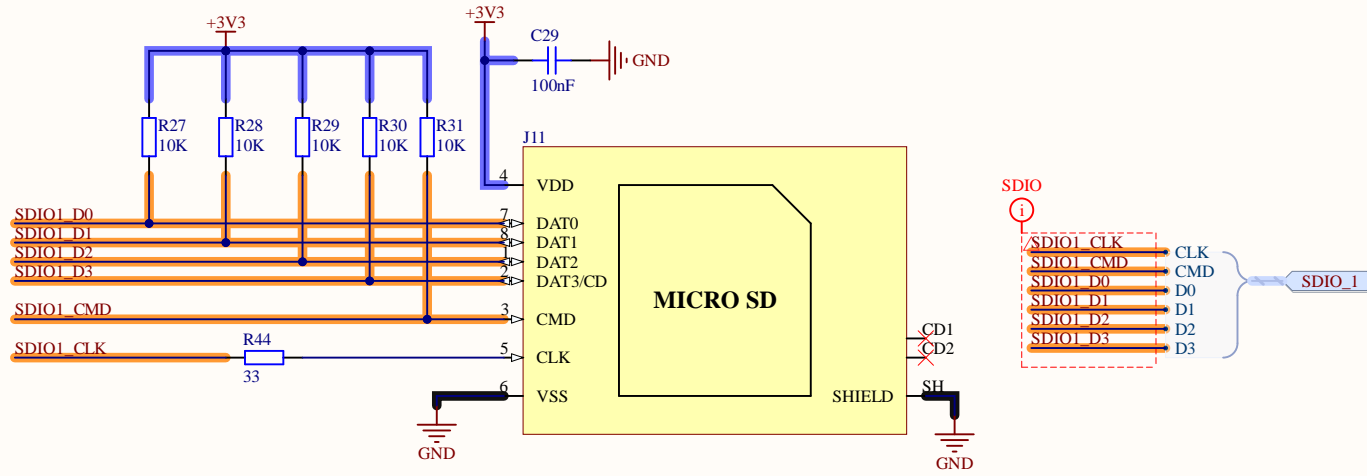
Dorsheed Abdalla

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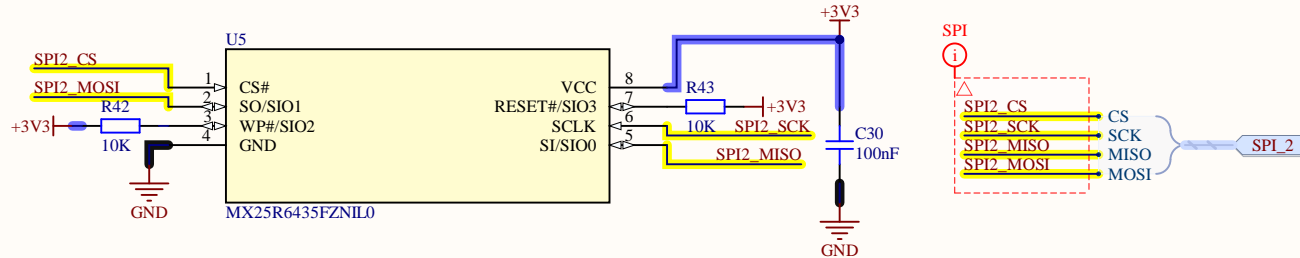


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SD CARD CONNECTOR HOLDER

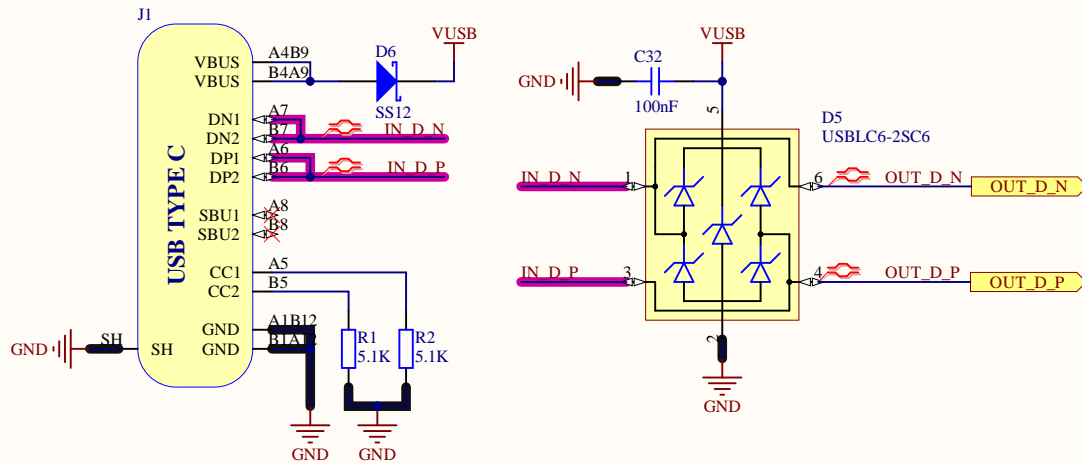


64 Mbit FLASH MEMEORY IC

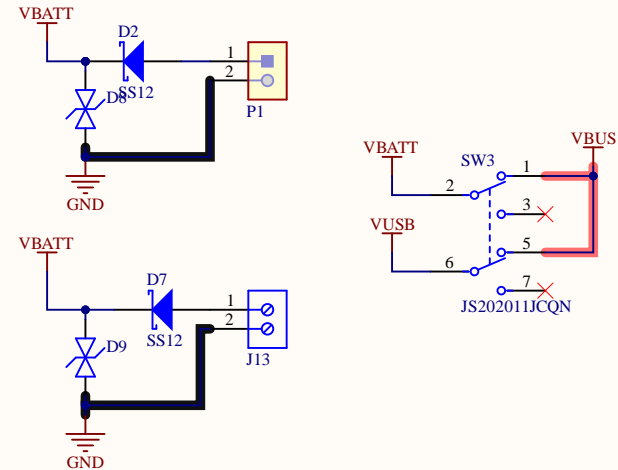


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DATA ACQUISITION			
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USB-C CONNECTOR + ESD PROTECTION

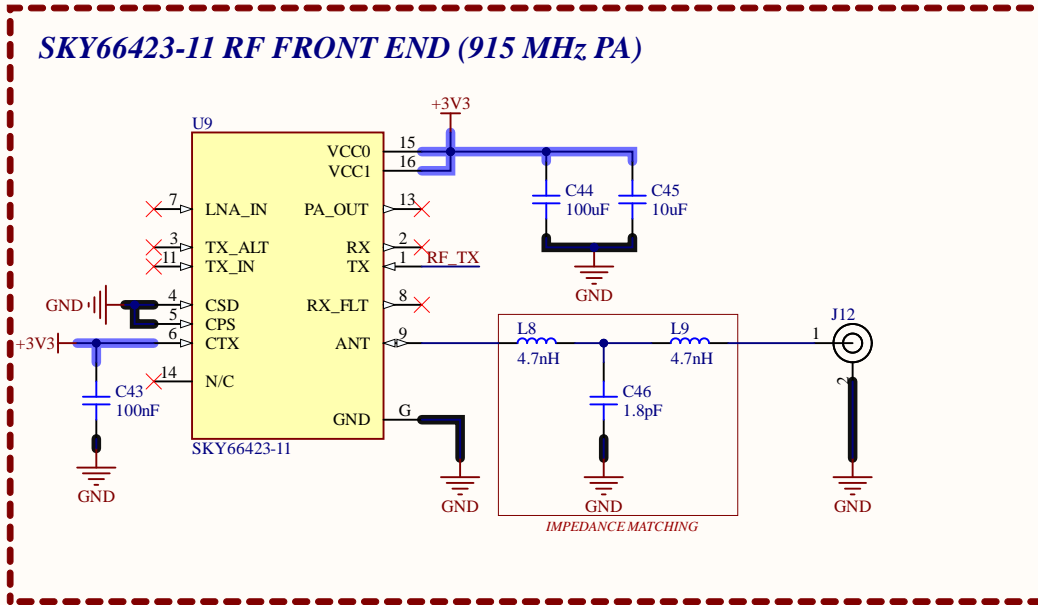
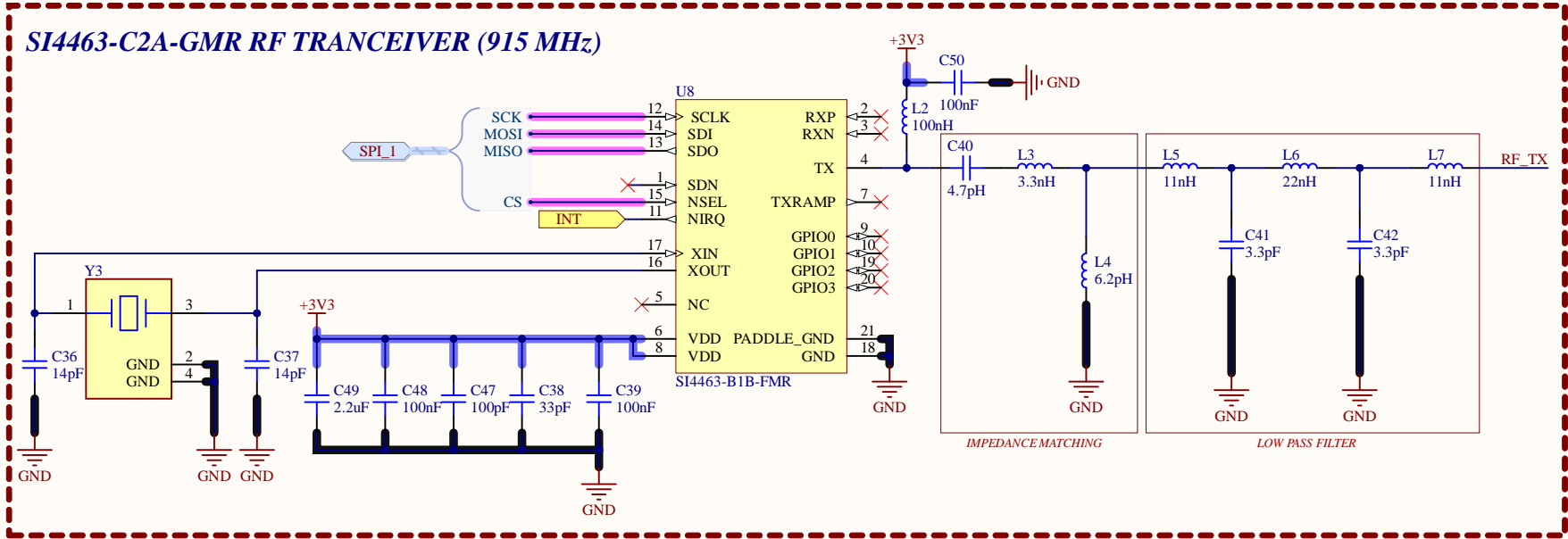


BATTERY CONNECTORS (9V or LI-PO)



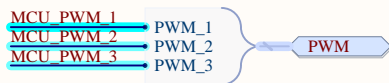
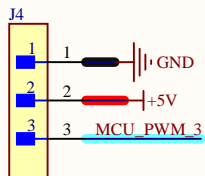
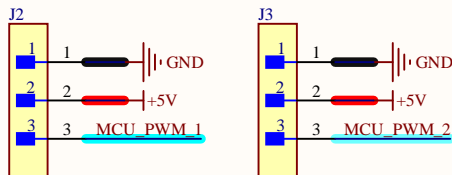
CONNECTORS

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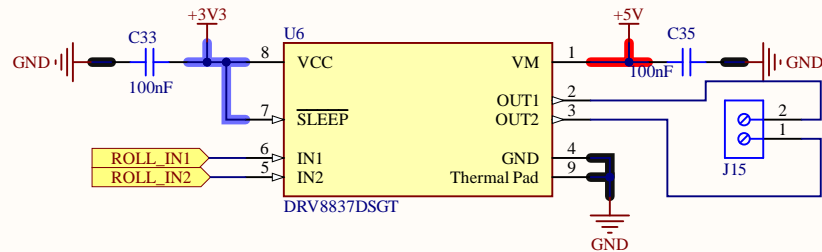


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SERVO MOTOR CONNECTORS



ROLL CONTROL MOTOR



ACTUATORS

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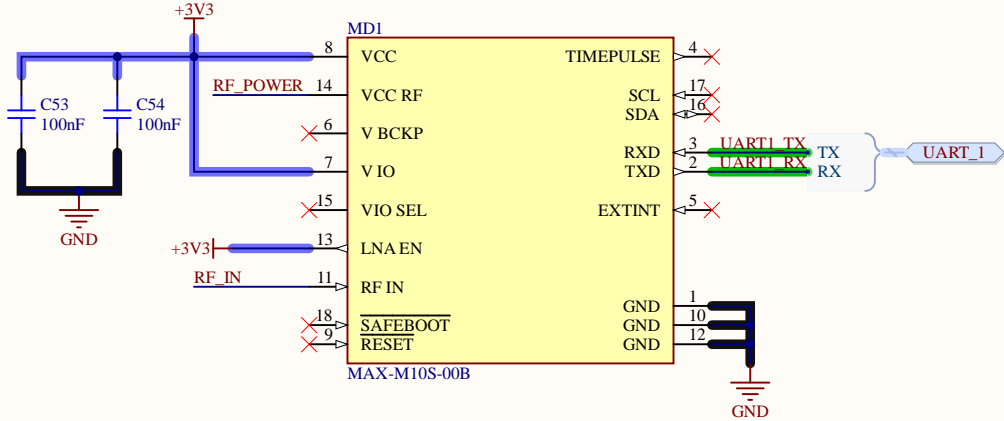
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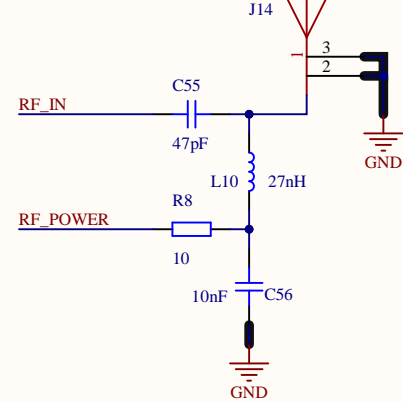
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MAX-M10 (GNSS MODULE)



ANTENNA POWER & FILTERING



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GPS			
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