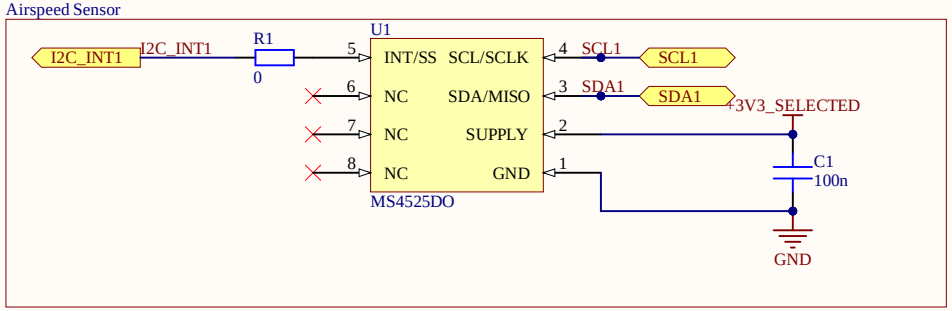
[1]Sensors

Airspeed Sensor



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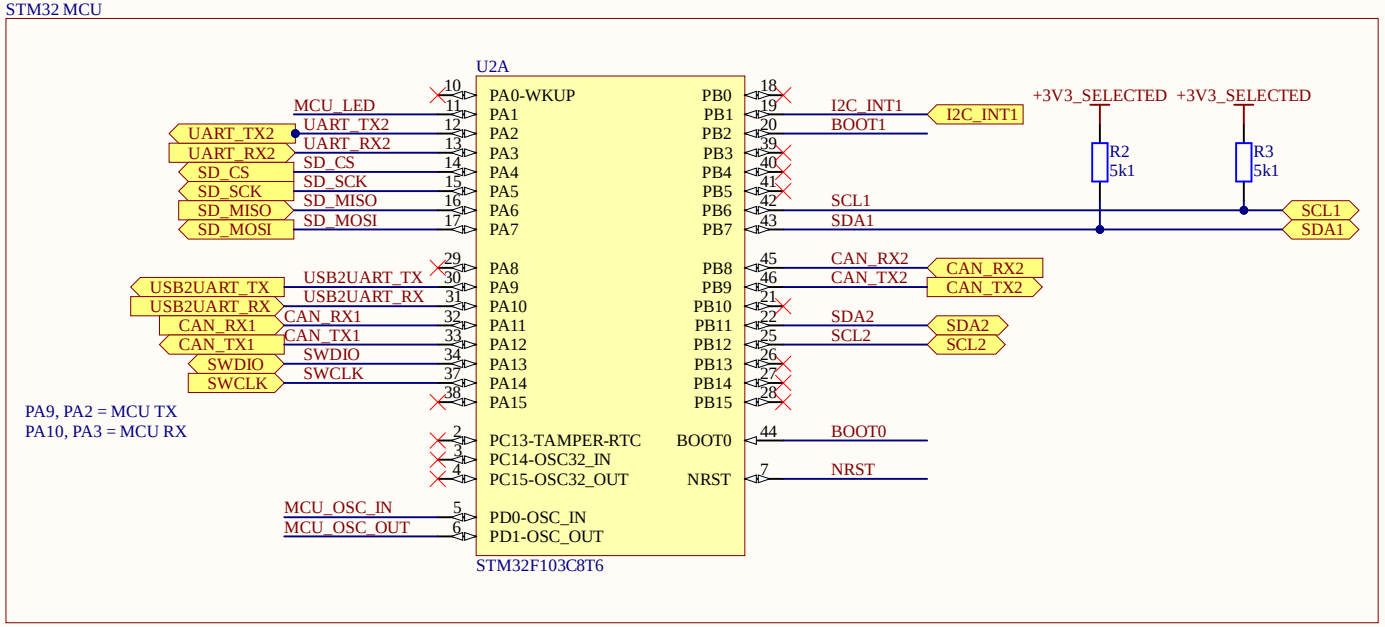
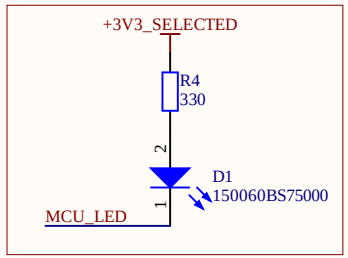
[2]MCU

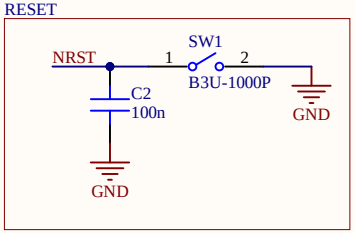
STM32 MCU



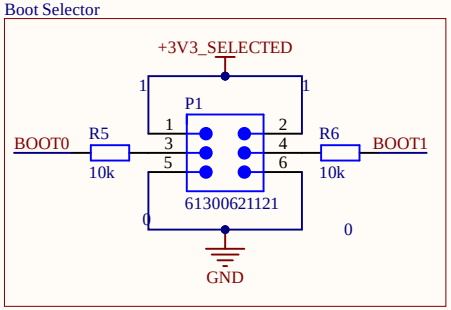
MCU_LED



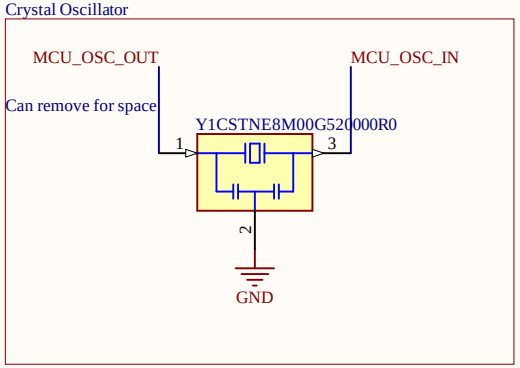
RESET



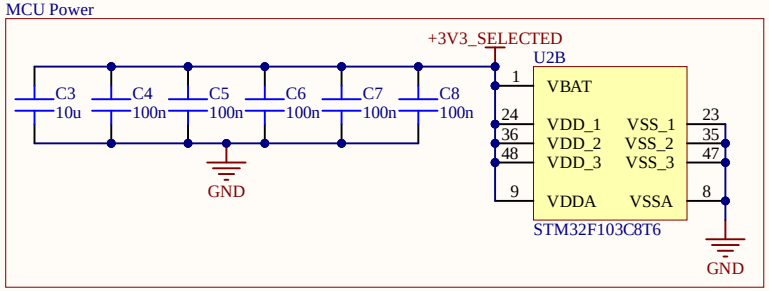
Boot Selector



Crystal Oscillator



MCU Power



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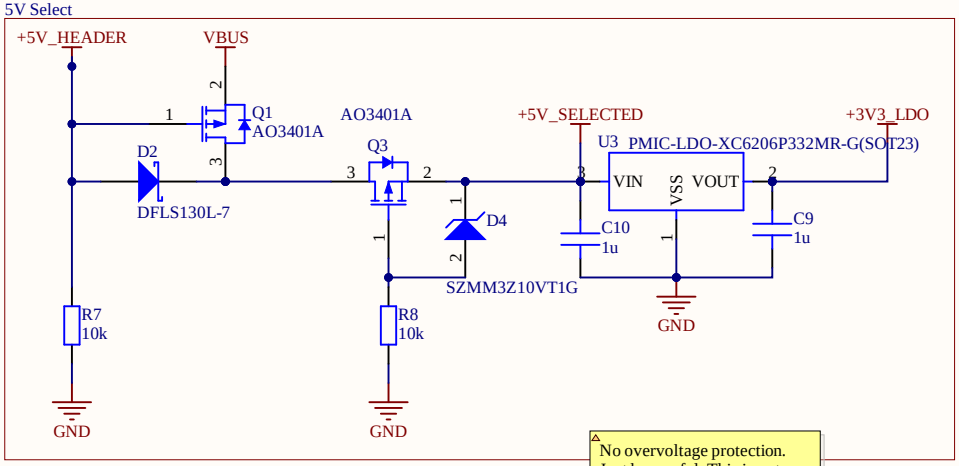
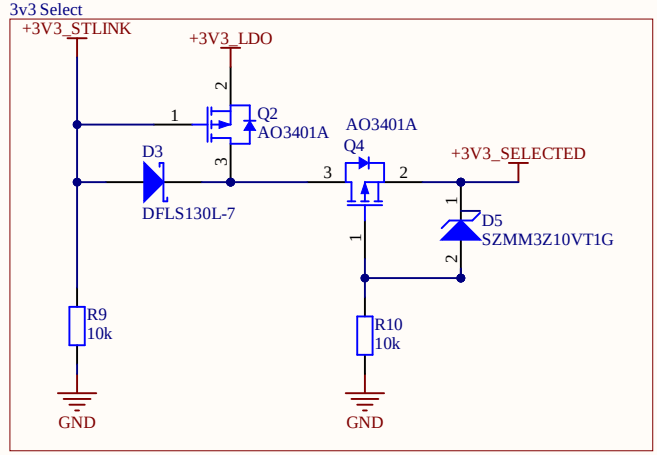
[3]Power

5V Select



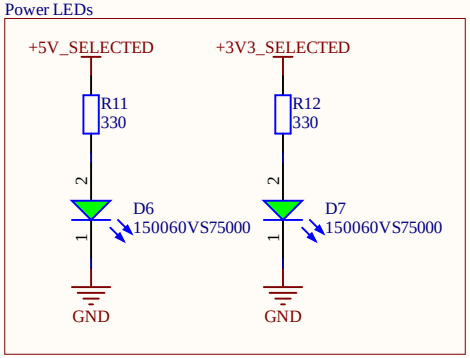
No overvoltage protection. Just be careful. This is not a mission critical board anyway and we will have a back up.

3v3 Select



10V Zener to try to prevent Vgs from going beyond -12V

Power LEDs



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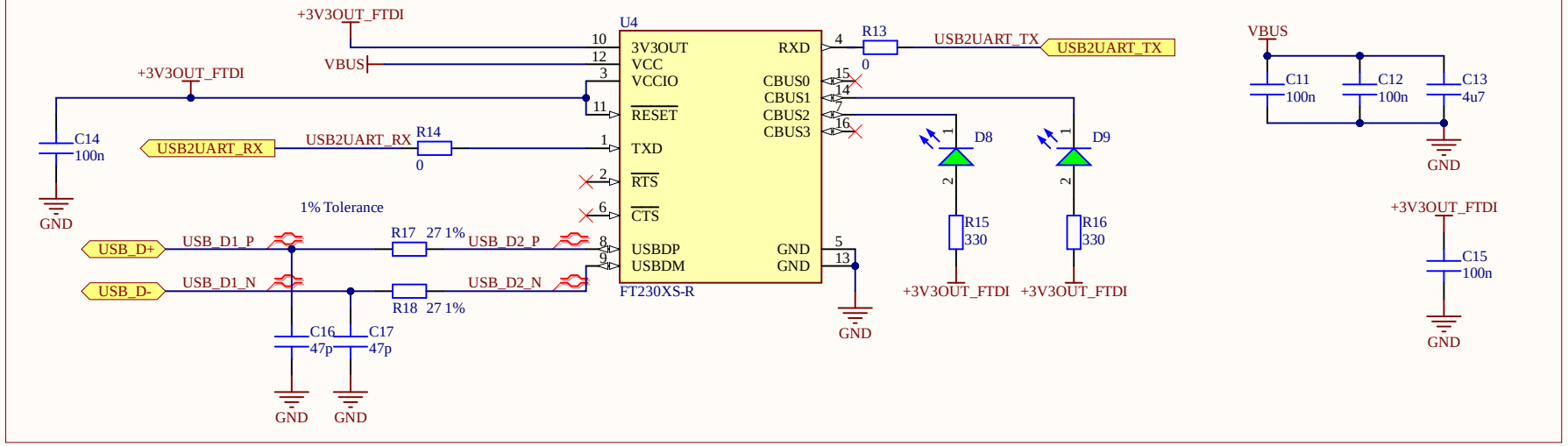
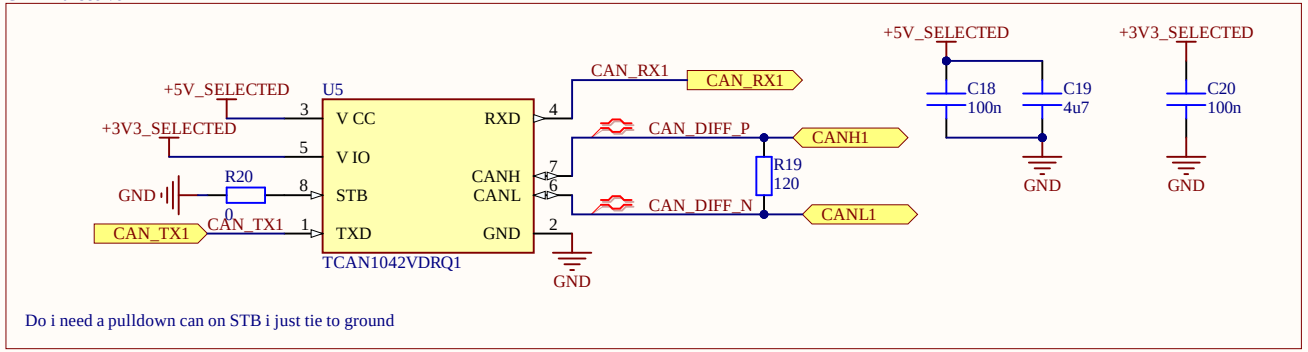
[4]Comms_Interface

FTDI Chip



CAN Transceiver



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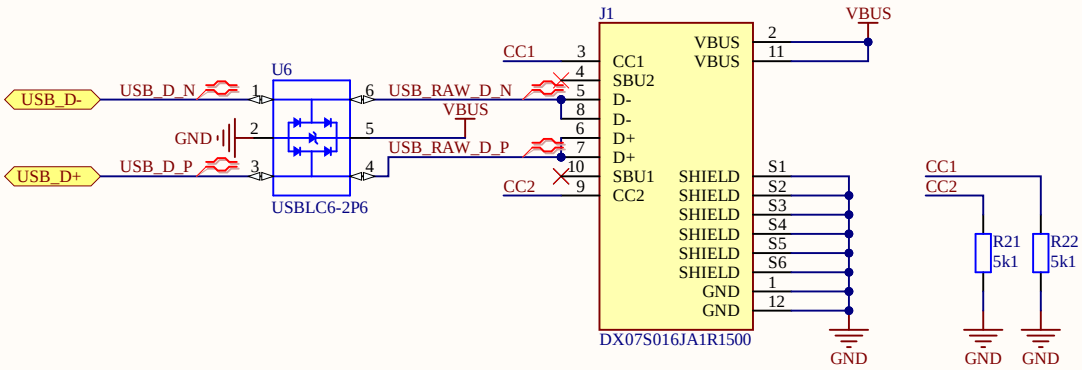
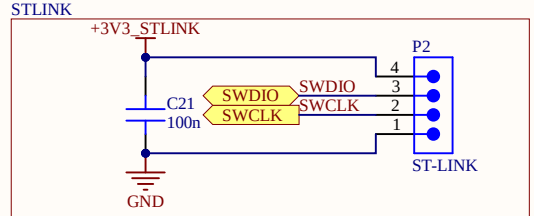
[5]External_Interface

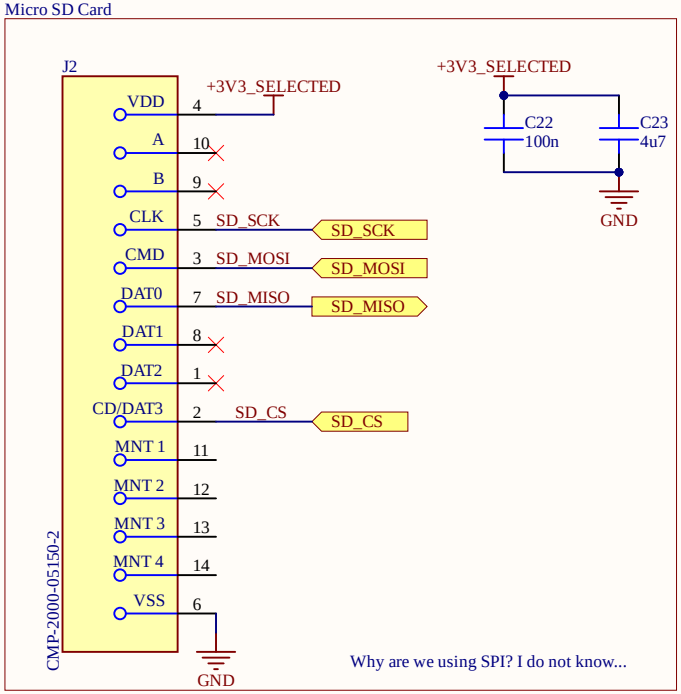
USB Connector



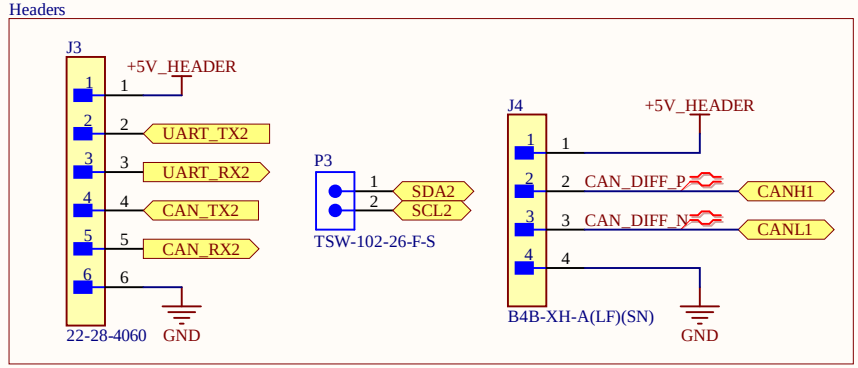
STLINK



Micro SD Card



Headers



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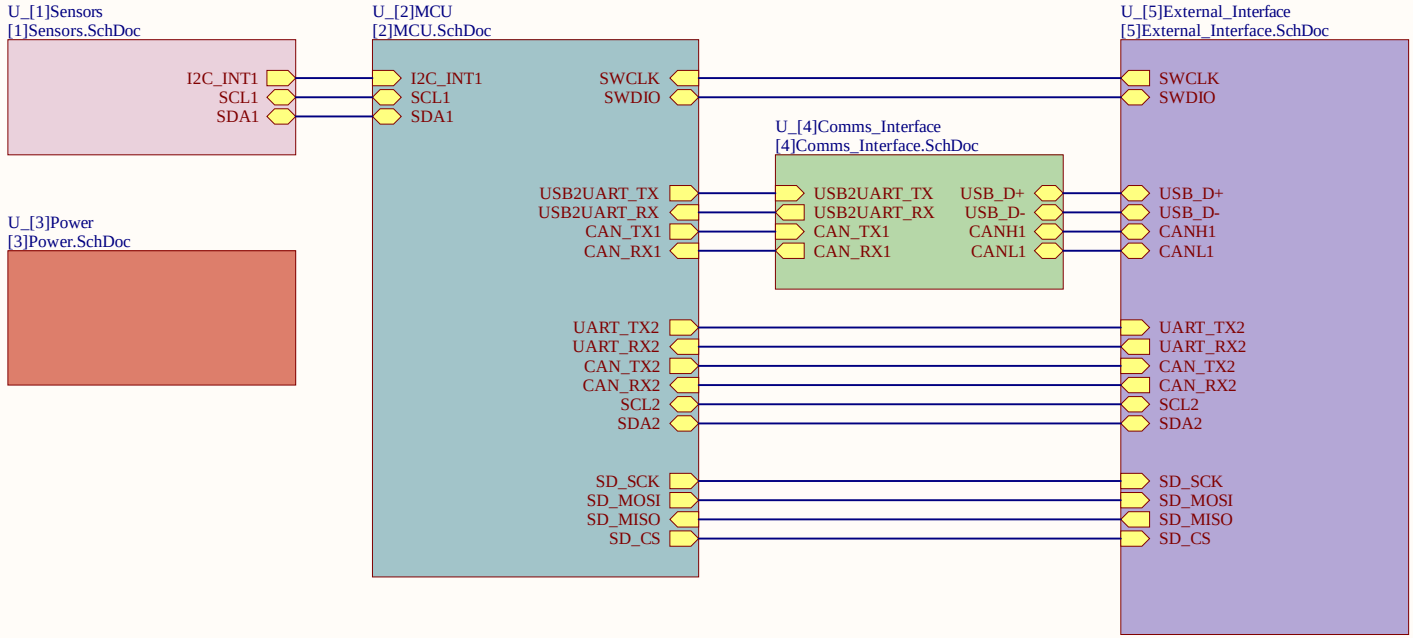
Airspeed Sensor Rev 1

Top Level



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Date: 3/14/2025		Sheet of
File: C:\Users\..\Top_Level.SchDoc		Drawn By: Ella Yan