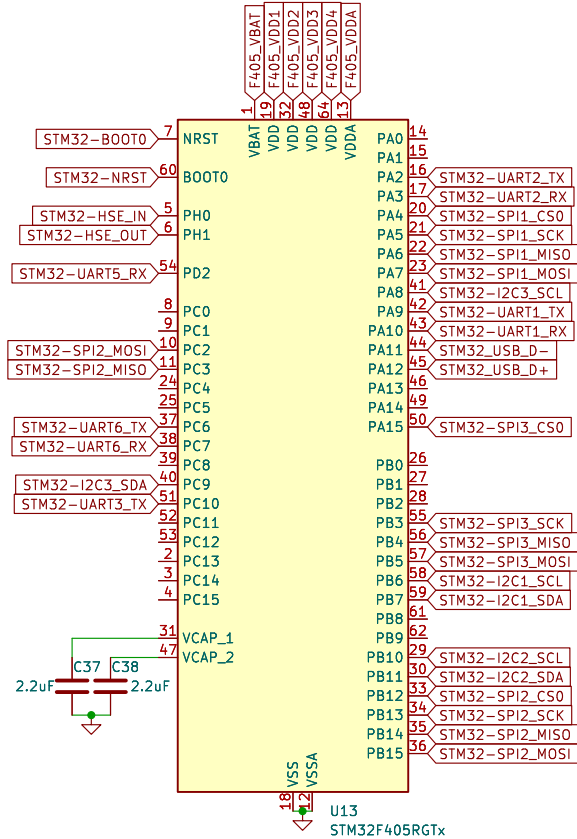
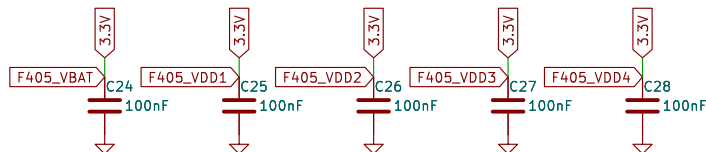


MCU - STM32

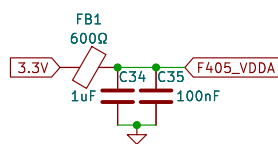


SDO - Serial Data Out -> Microcontroller In Sensor Out
SDI - Serial Data In -> Microcontroller Out Sensor In

MCU Decoupling Caps

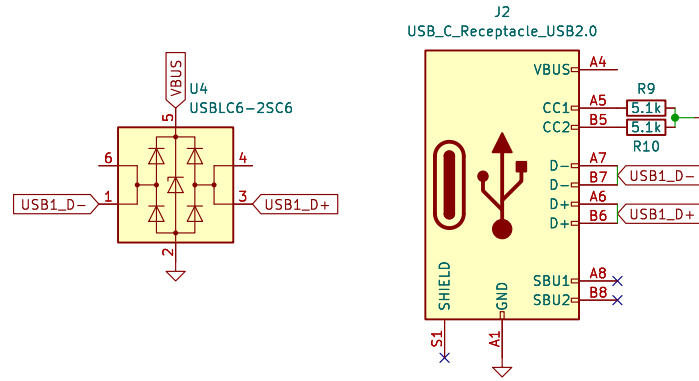


EMI Filter

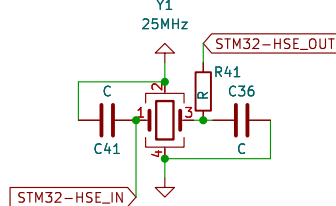


Do Math To Find CAP and R Values

USB-C (STM32)

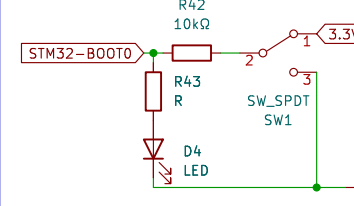


HSE Crystal

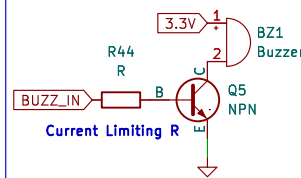


Do Math To Find CAP and R Values

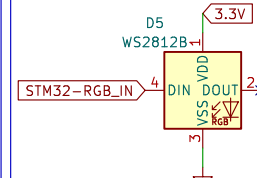
BOOT0 Switch



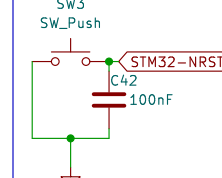
Buzzer



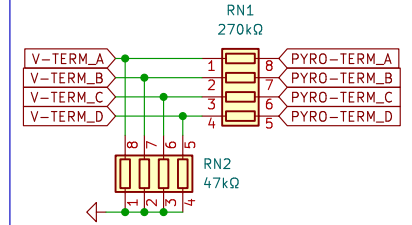
RGB Led



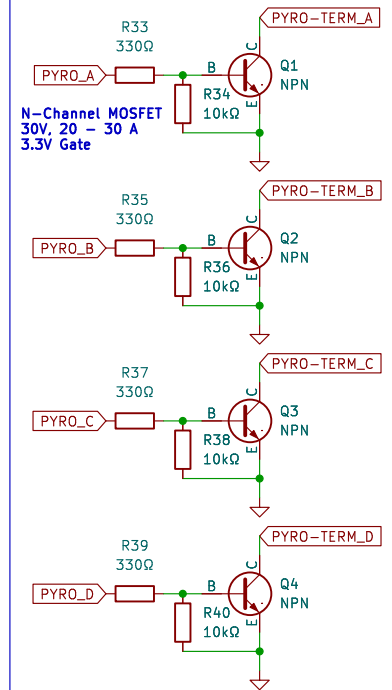
Reset Switch



Pyro Voltage & Cont. (STM32)



Pyro Terminals (STM32)



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Aether Flight Computer

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File: aether.kicad_sch

Title: MCU - STM32 Schematic

Size: A4

Date:

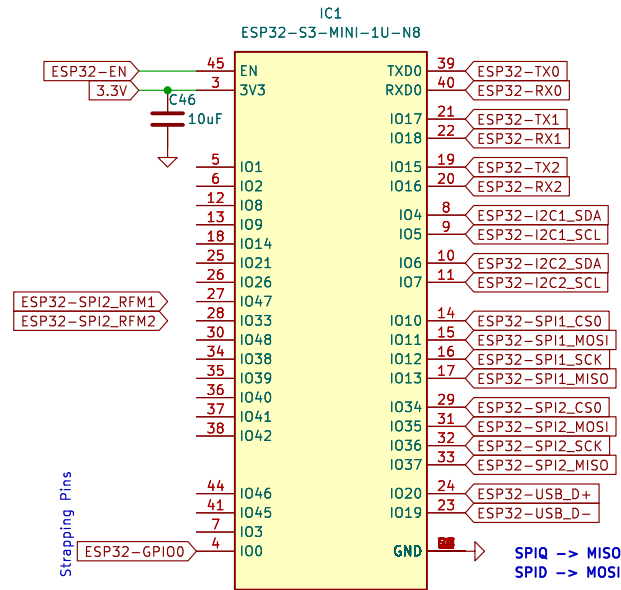
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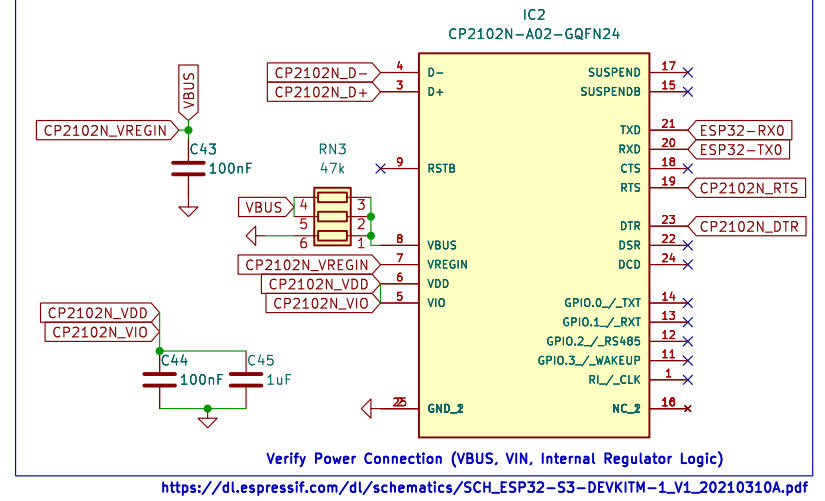
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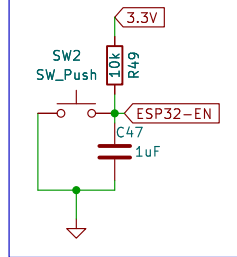
MCU – ESP32



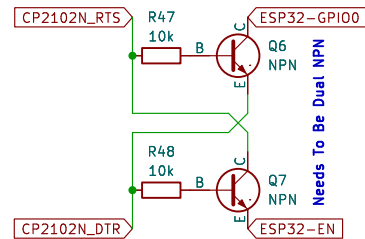
USB to UART Bridge



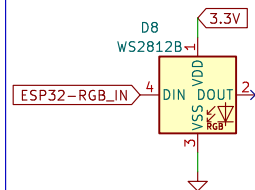
Reset Switch



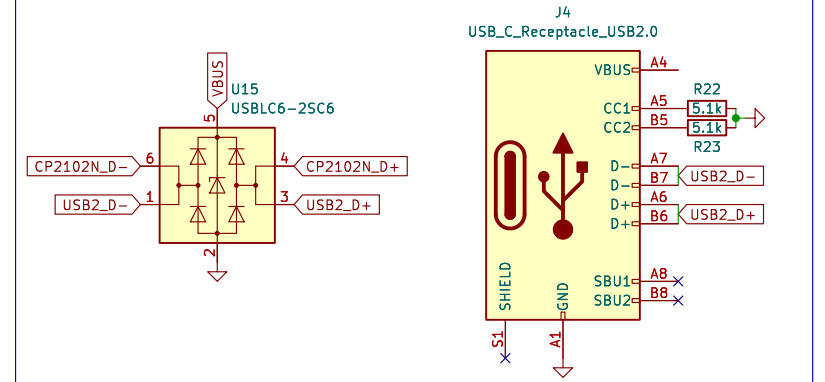
ESP32 Auto Reset



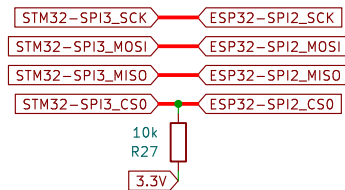
RGB Led



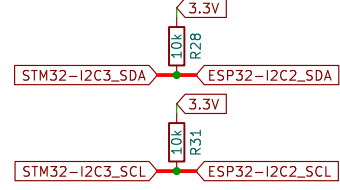
USB-C (ESP32)



SPI 3 (STM32) – SPI 2 (ESP32)



I2C 3 (STM32) – I2C 2 (ESP32)



UART 3 (STM32) – UART 2 (ESP32)



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Aether Flight Computer

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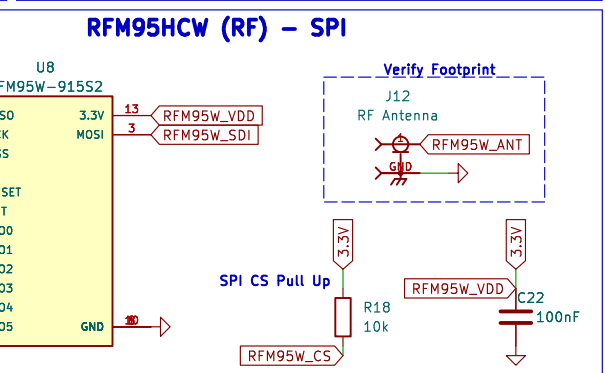
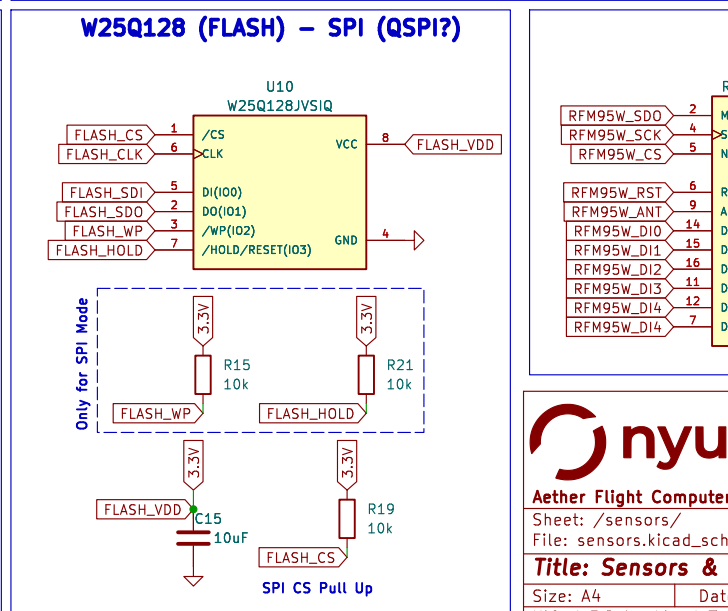
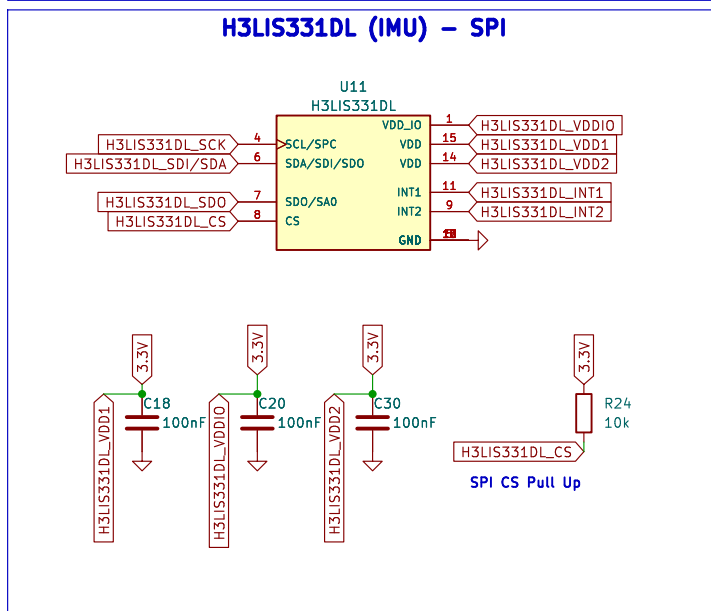
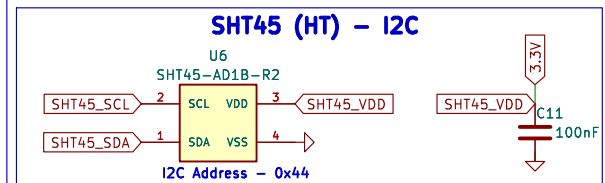
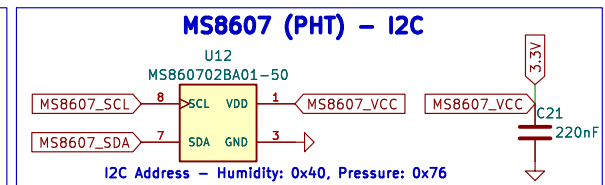
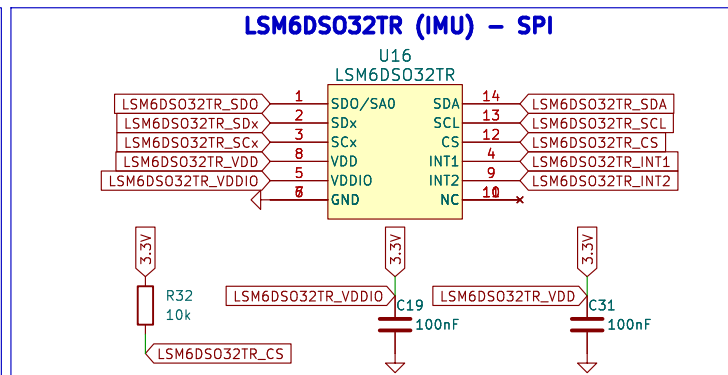
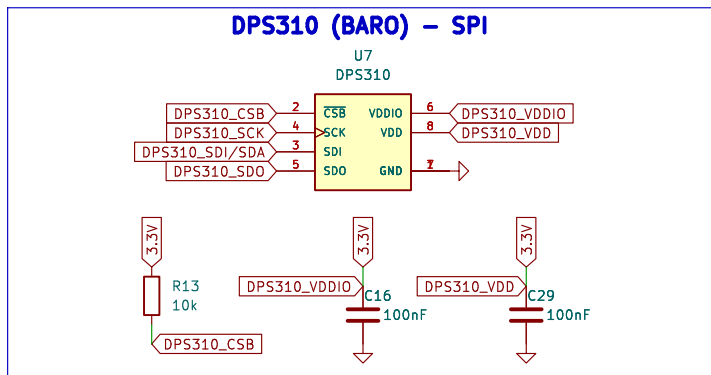
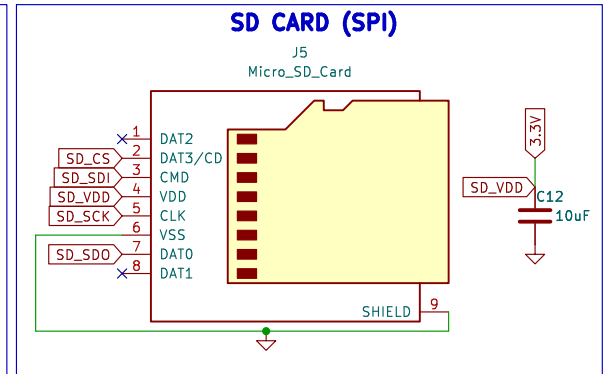
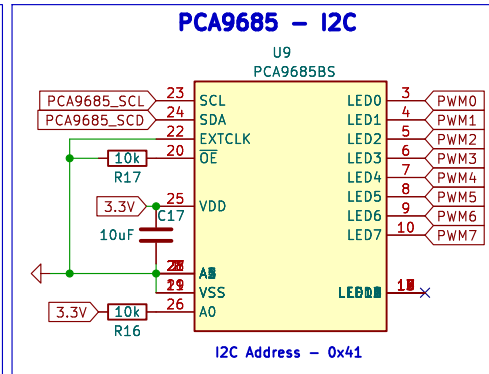
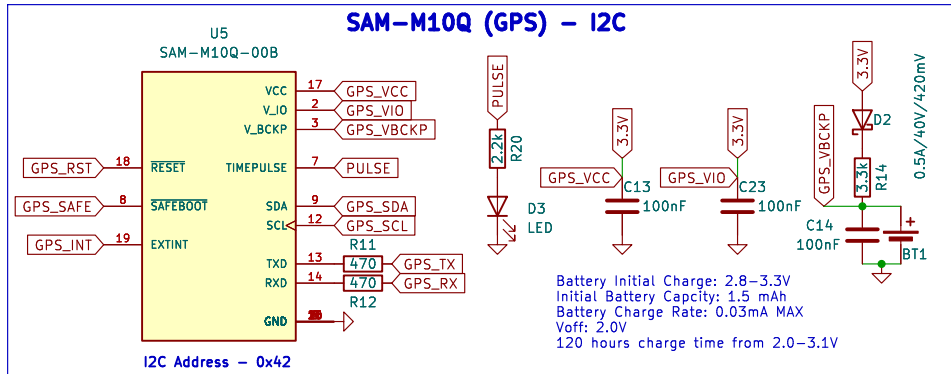
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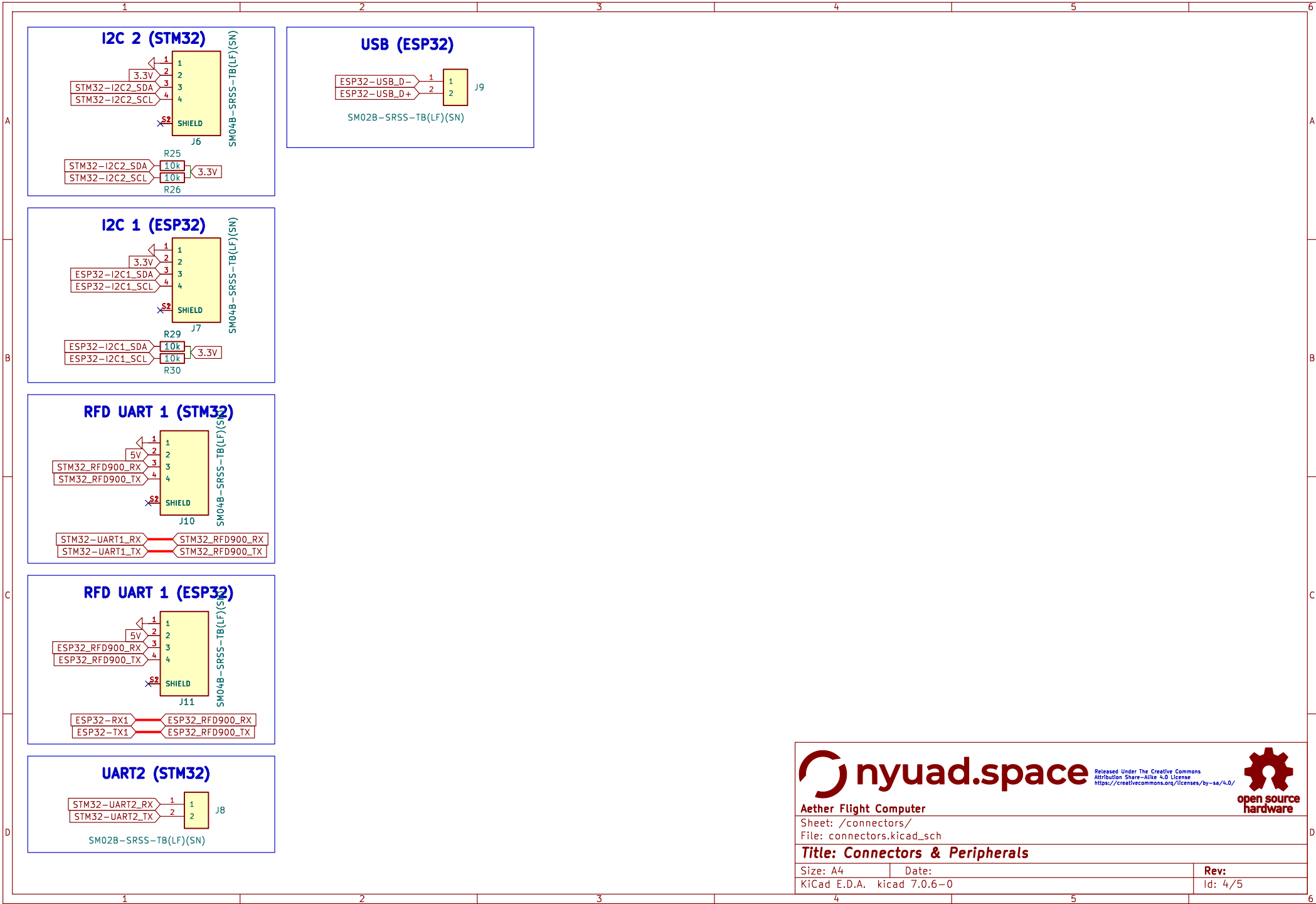
Aether Flight Computer

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Rev: Id: 3/5



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Size: A4
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Date:

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