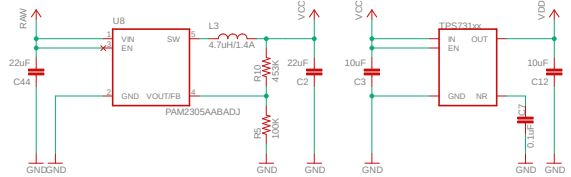
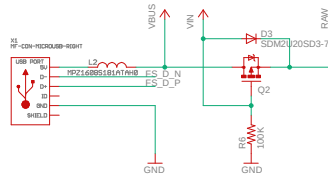
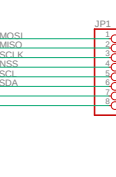
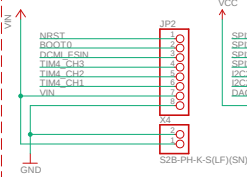


## USB & POWER SUPPLY

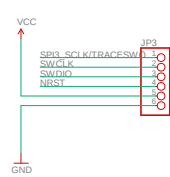
Notes:  
The output voltage is calculated as below:  
 $V_o = 0.6 \times (1 + R1/R5)$



## I/O HEADERS

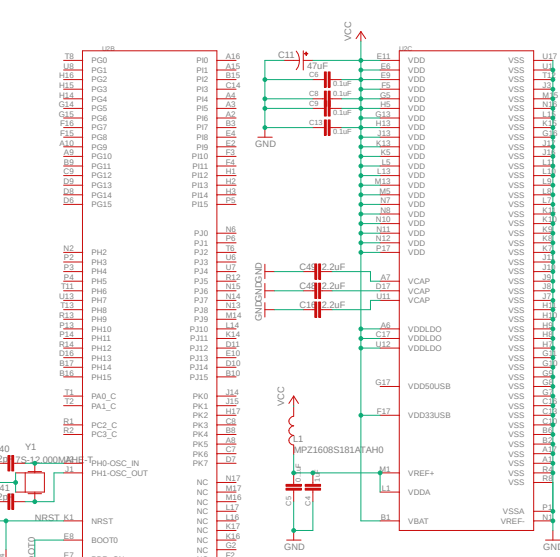
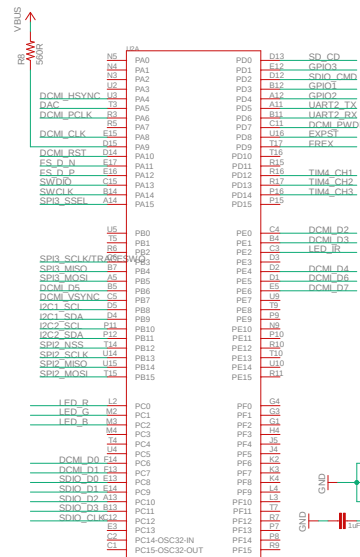


## DEBUG HEADER

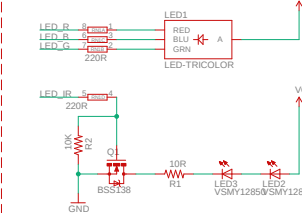


## STM32H7xx MCU

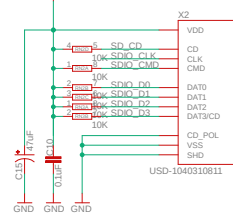
Notes:  
PC13, PC14, PC15 and PI8 limited to 3mA/2MHz  
No external termination series resistors are required on DP (D+) and DM (D-) pins since the matching impedance is included in the embedded driver.



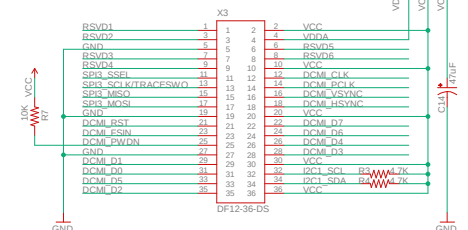
## IR-RGB LEDs



## SD CARD



## IMAGE SENSOR CONNECTOR



Notes:  
Y[9:2] for 8-bit YUV or RGB (Y9 MSB, Y2 LSB)

TITLE: base-alt

Document Number: REV: 1

Date: 6/2/2021 9:55 AM Sheet: 1/1

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