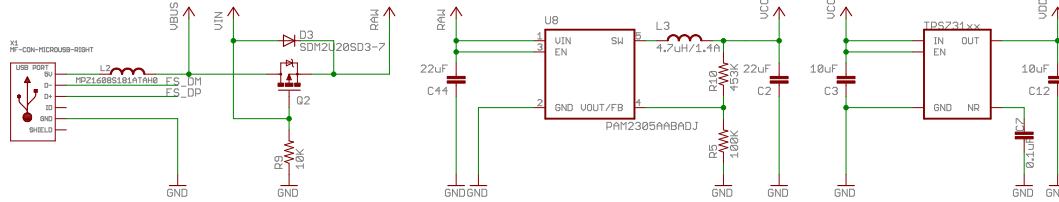
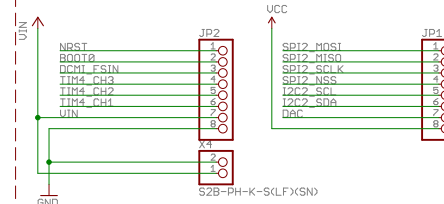


# USB & POWER SUPPLY

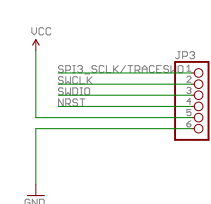
Notes:  
The output voltage is calculated as below:  
 $V_o = 0.6 \times (1 + R10/R5)$



# I/O HEADERS

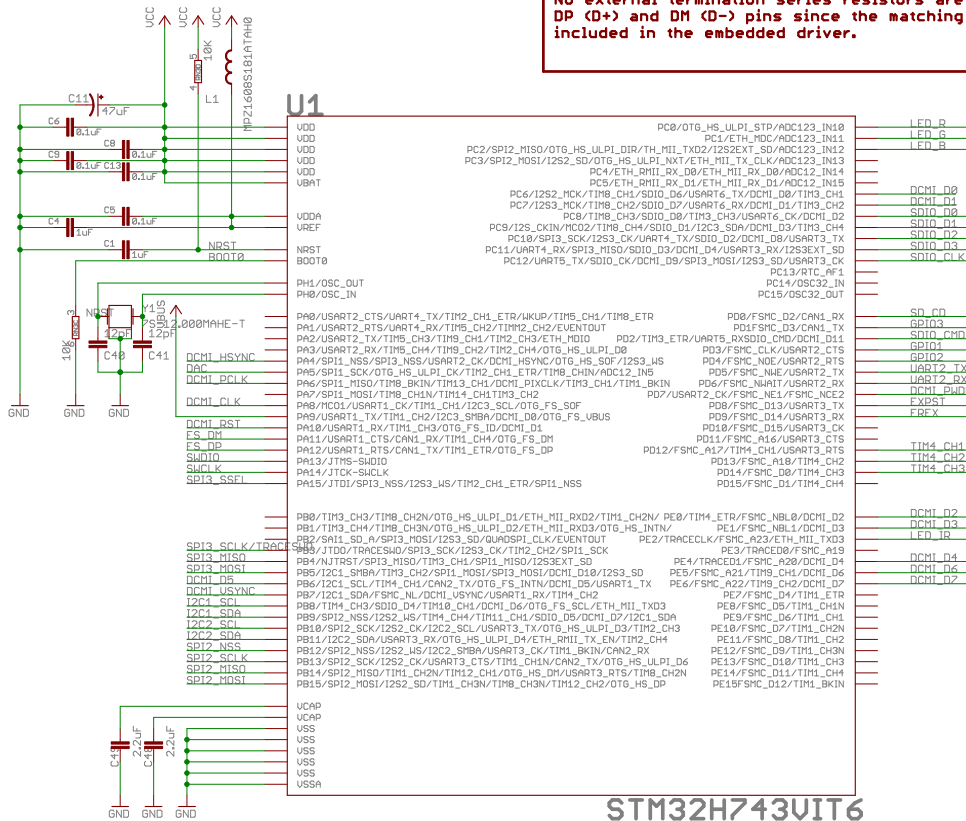


# DEBUG HEADER



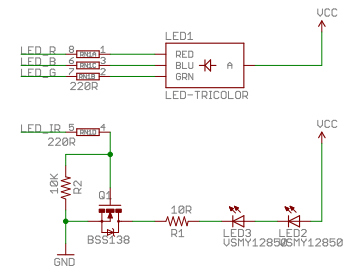
# STM32F7xx MCU

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.

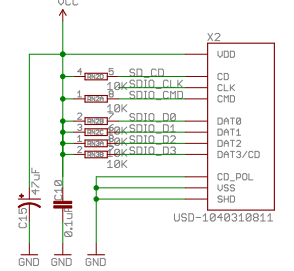


STM32H743U16

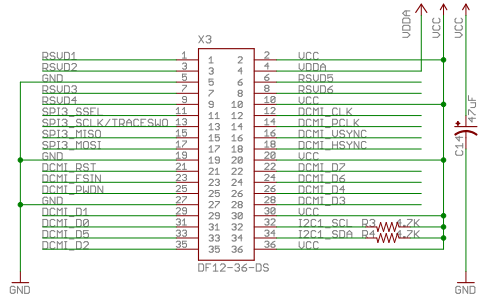
# IR-RGB LEDs



# SD CARD



# IMAGE SENSOR CONNECTOR



Notes:  
Y19:21 for 8-bit YUU or RGB (Y9 MSB, Y2 LSB)  
DVDD not connected, using internal regulator

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