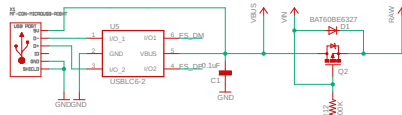
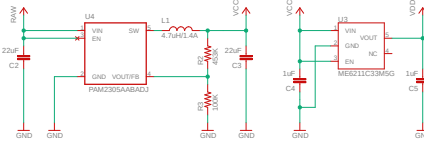


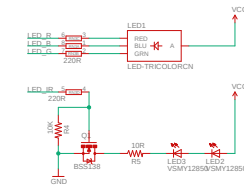
USB & POWER SUPPLY



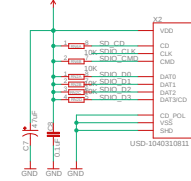
Notes:
The output voltage is calculated as below:
 $V_o = 0.6 \times (1 + R18/R5)$



IR-RGB LEDs



SD CARD



STM32H7xx MCU

Notes:
PC13, PC14, PC15 and PB8 limited to 3mA/2MHz
No external termination series resistors are required on DP (+) and DM (-) pins since the matching impedance is included in the embedded driver.

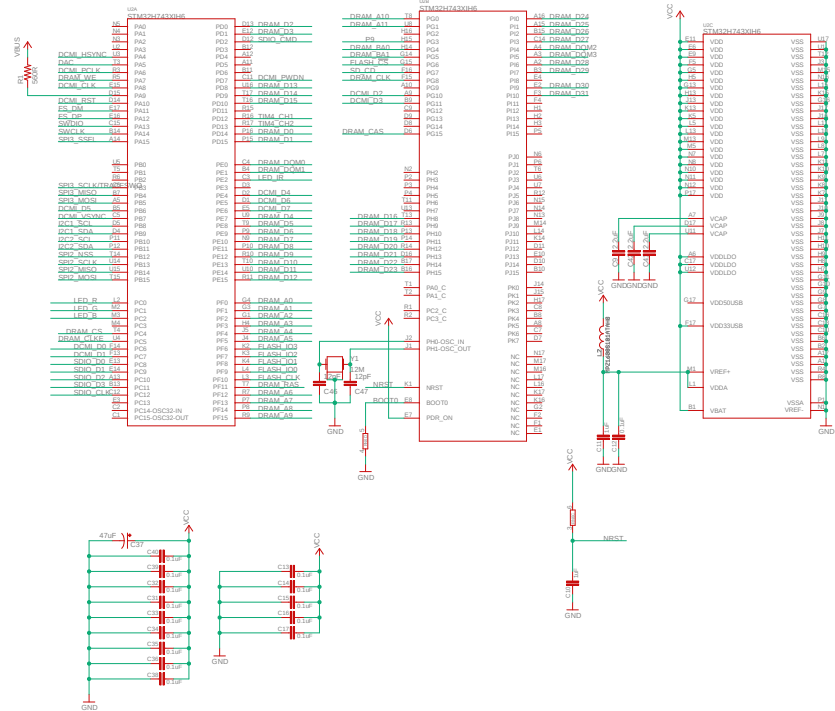
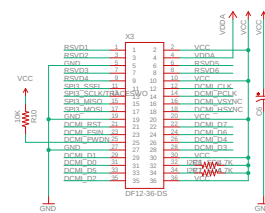


IMAGE SENSOR CONNECTOR



I/O HEADERS

