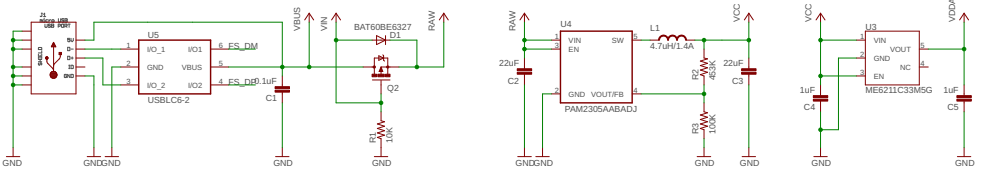
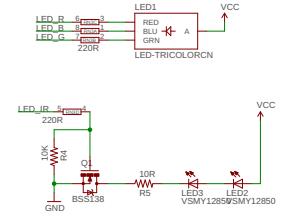


USB & POWER SUPPLY

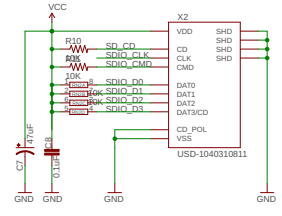
Notes:
The output voltage is calculated as below:
 $V_o = 0.6 \times (1+R1/R5)$



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.

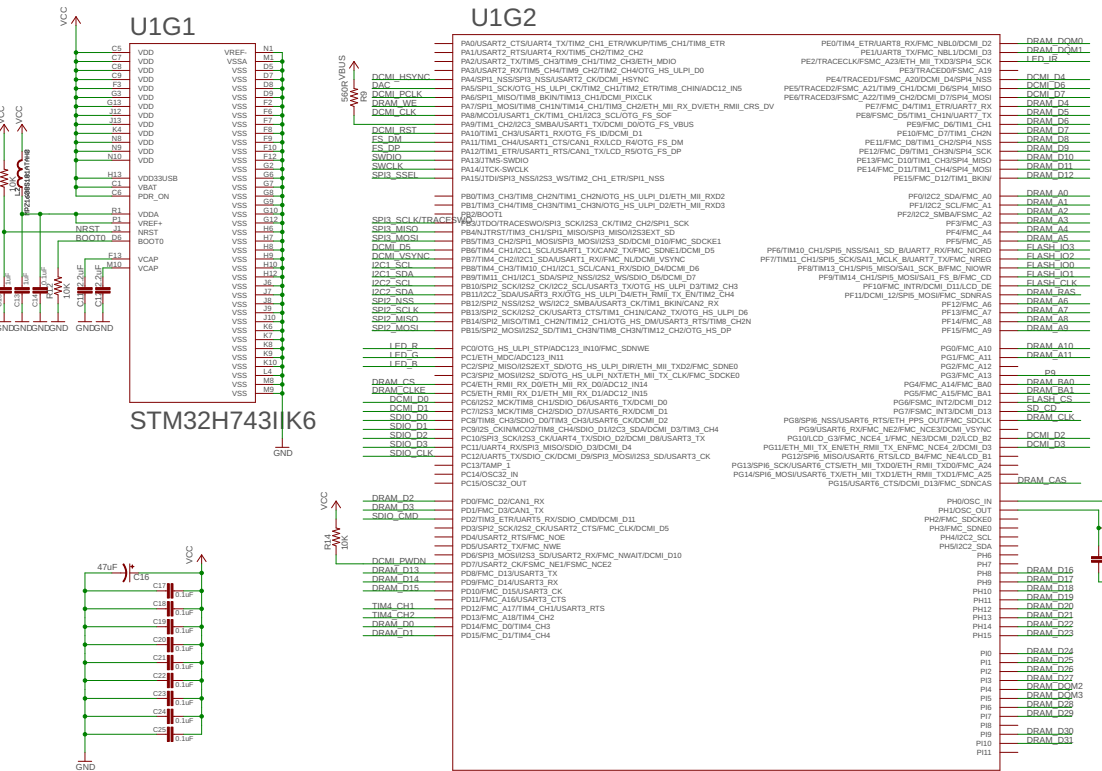
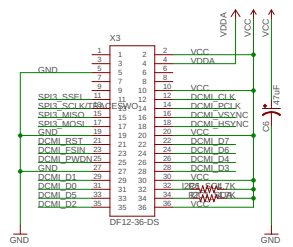
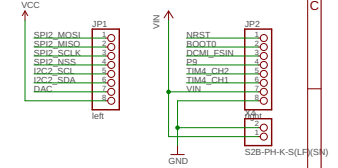


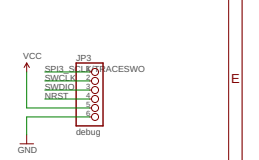
IMAGE SENSOR CONNECTOR



I/O HEADERS

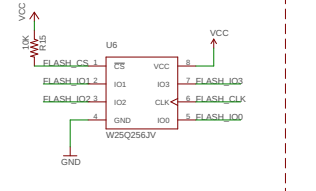


DEBUG HEADER

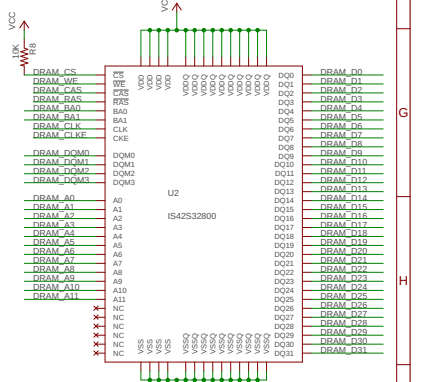


Notes:
Y19Z1 for 8-bit YUV or RGB (Y9 MSB, Y2 LSB)
DUDD not connected, using internal regulator

QSPI FLASH



32-BIT SDRAM



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