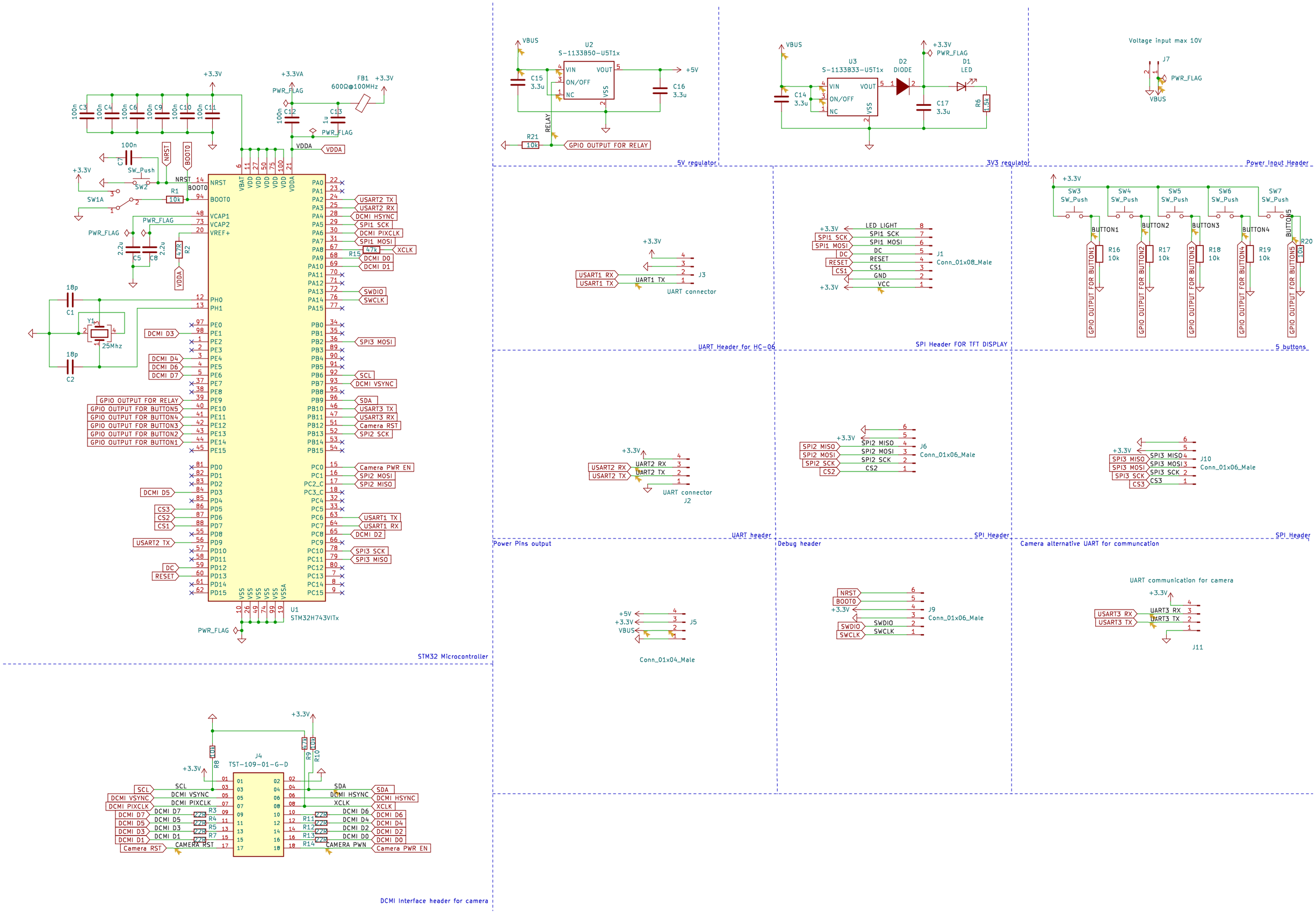
U1
STM32H743VITx
STM32 Microcontroller
U2
S-1133B50-U5T1x
5V regulator
U3
S-1133B33-U5T1x
D2
DIODE
D1
LED
3V3 regulator
Voltage input max 10V
J7
Power Input Header
J3
UART connector
UART Header for HC-06
J1
Conn_01x08_Male
SPI Header FOR TFT DISPLAY
SW3
SW4
SW5
SW6
SW7
5 buttons
J2
UART connector
UART header
J6
Conn_01x06_Male
SPI Header
J10
Conn_01x06_Male
SPI Header
Power Pins output
J5
Conn_01x04_Male
Debug header
J9
Conn_01x06_Male
Camera alternative UART for communcation
UART communication for camera
J11
J4
TST-109-01-G-D
DCMI Interface header for camera