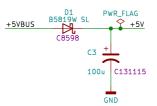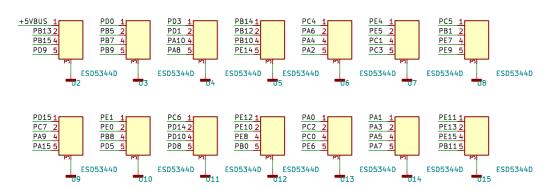MCU Module modifications:
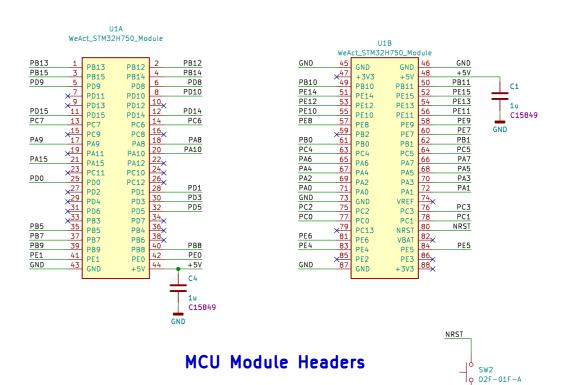* Remove diode D10. This is the diode adjacent
  to the red LED near the USB connector.

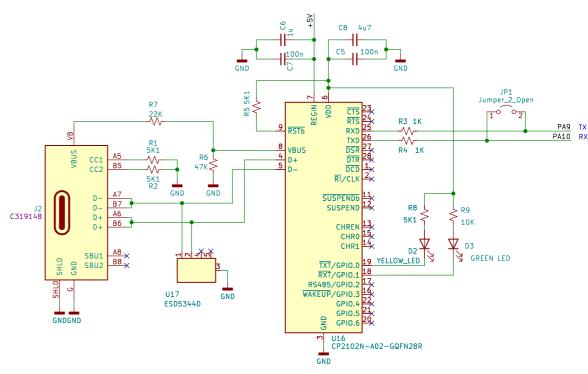**Edge Connector**

POWER

MCU Module Headers

ESD Protection

Data Link USB Serial

TODO: Add a SD LED that indicates recording in progress.

TODO: Add an error LED.

J1
PCIe 98

U1A
WeAct_STM32H750_Module

U1B
WeAct_STM32H750_Module

D1
B5819W SL
C8598

C3
100u
C131115

C4
1u
C15849

C1
1u
C15849

SW2
D2F-01F-A
NRST

J2
C31914B

U17
ESD5344D

U16
CP2102N-A02-GQFN28R

ESD5344D (U2, U4, U5, U6, U7, U8, U9, U10, U11, U12, U13, U14, U15)

PWR_FLAG   +5VBUS   PWR_FLAG   +5V   GND

R7 22K
R1 5K1
R2 5K1
R5 5K1
R6 47K
R3 1K
R4 1K
R8 5K1
R9 10K

C6 1u   C8 4u7   C7 100n   C5 100n

JP1 Jumper_2_Open

D2 YELLOW_LED
D3 GREEN LED

PA9 TX
PA10 RX