

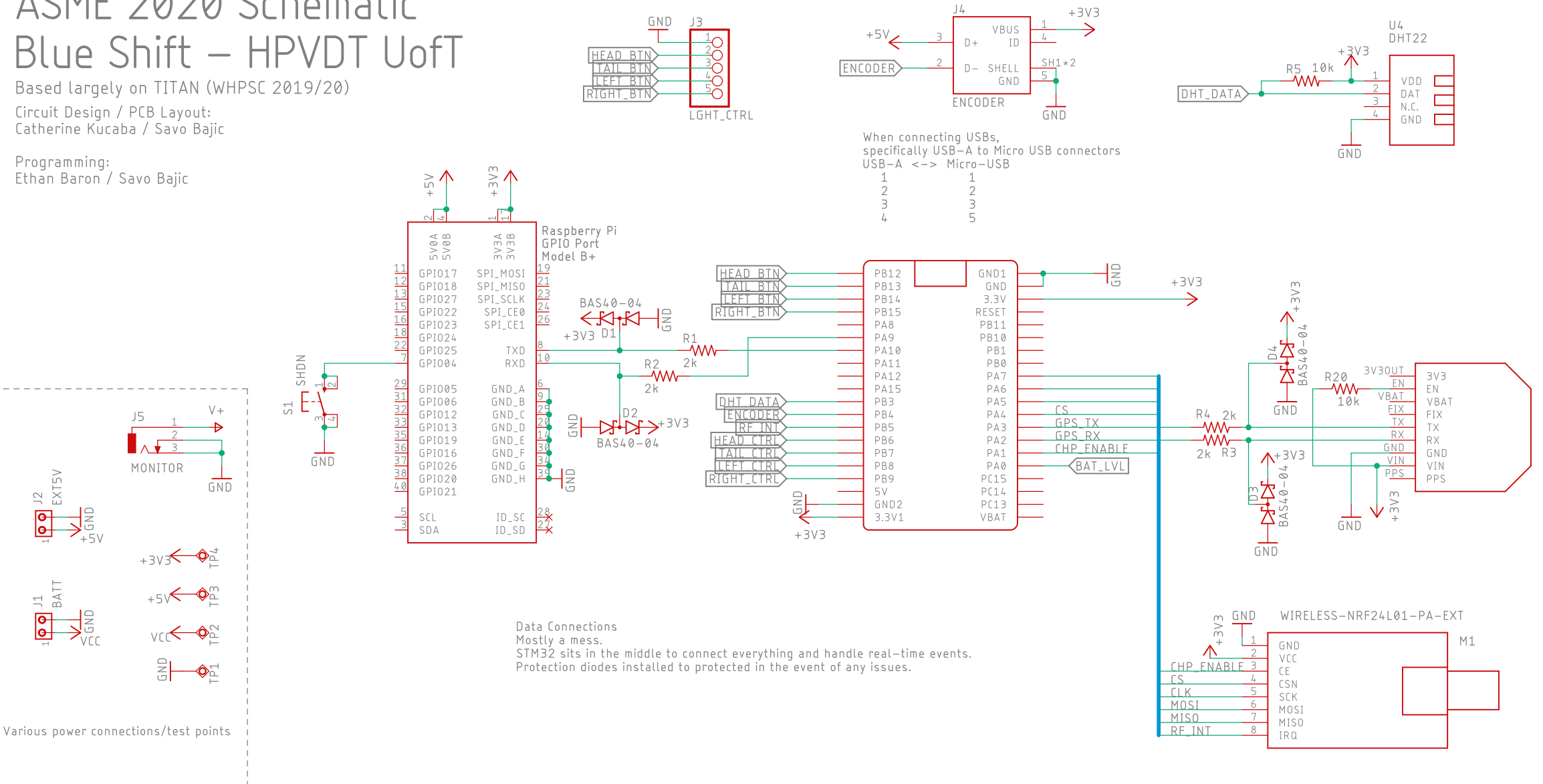
ASME 2020 Schematic

Blue Shift – HPVDT UofT

Based largely on TITAN (WHPSC 2019/20)

Circuit Design / PCB Layout:
Catherine Kucaba / Savo Bajic

Programming:
Ethan Baron / Savo Bajic



Data Connections
Mostly a mess.
STM32 sits in the middle to connect everything and handle real-time events.
Protection diodes installed to protected in the event of any issues.

Lighting Lines
Constant current boost converters.
Current set by resistors downstream of LEDs, $I = 0.2/R$.

