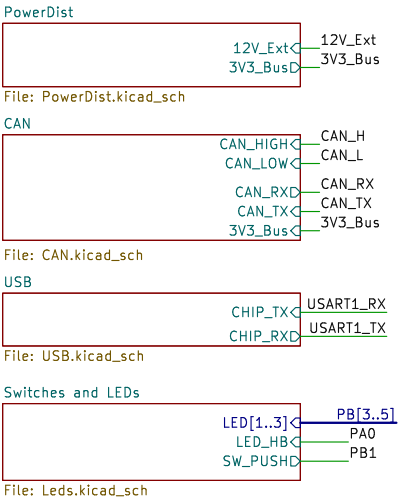
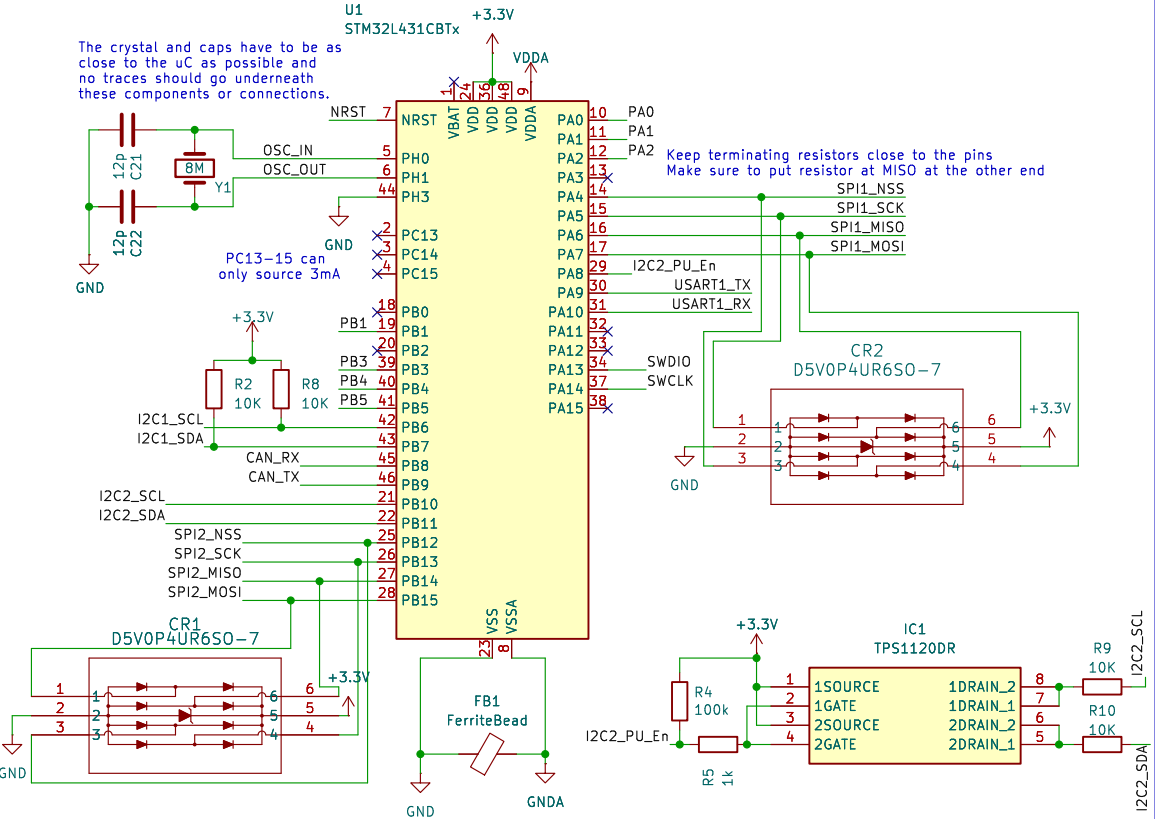


Peripherals

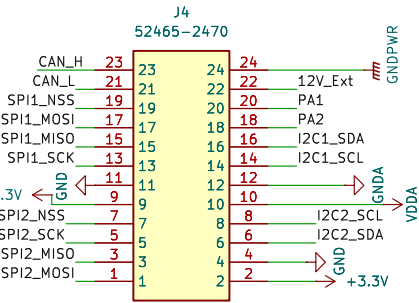


STM32

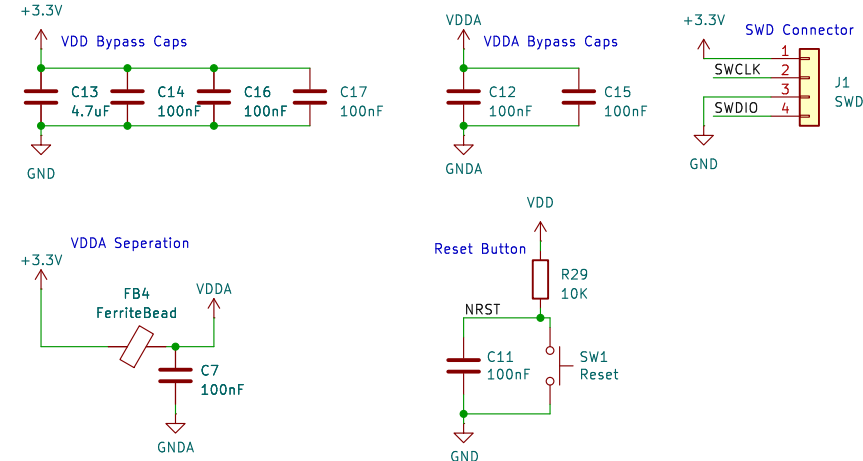


Board Connectors

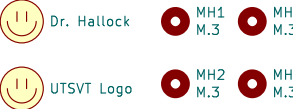
Connector mates with 53307-2471
Please consult README for pin usage guide
** Note that the pin naming scheme is not indicative of proper usage guidelines **

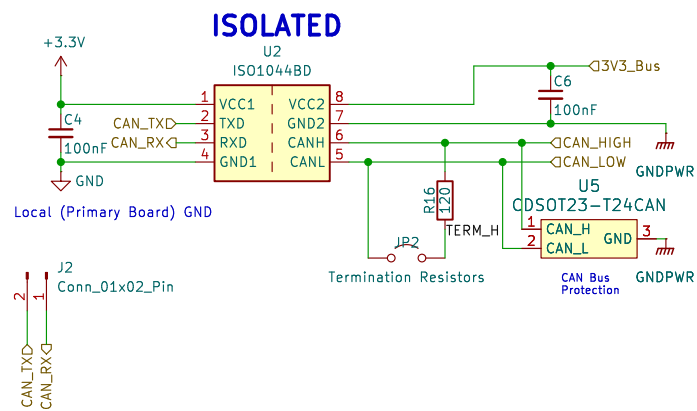


STM32 Peripherals



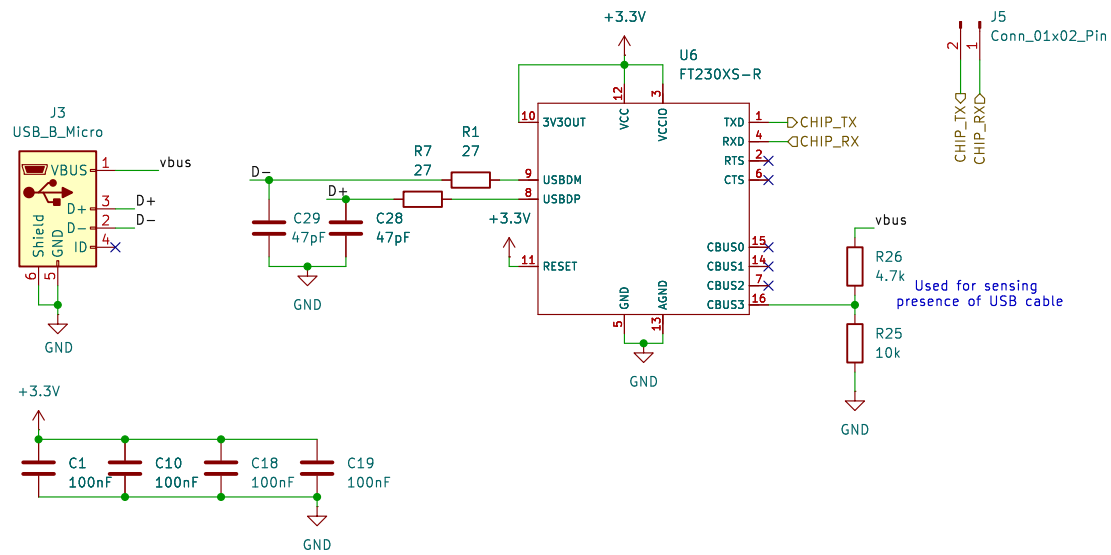
Graphics/Logos



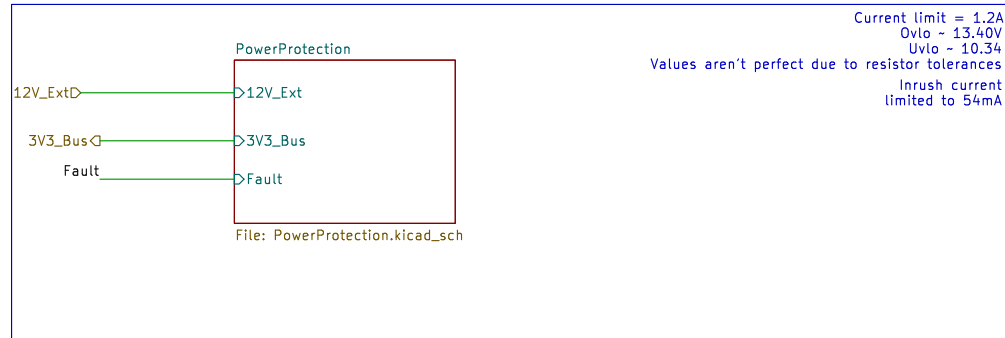


Connect the jumper (JP1) to make this the terminating end
GNDPWR != GND

GNDPWR = CAN GND = GND_ISO_In/Out

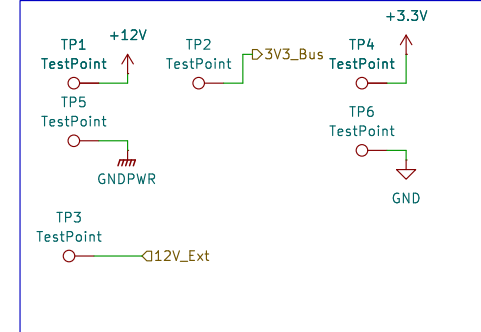


Vin Protection

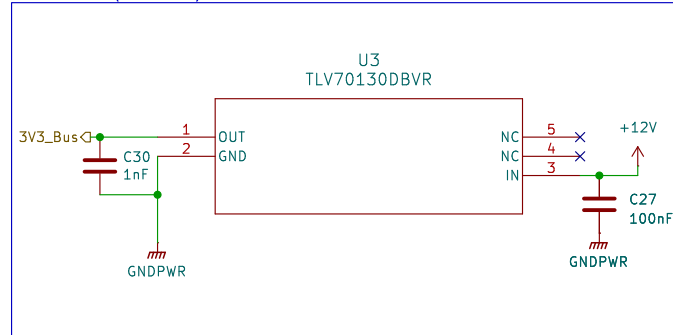


Max draw: 2.2A

Testpoints

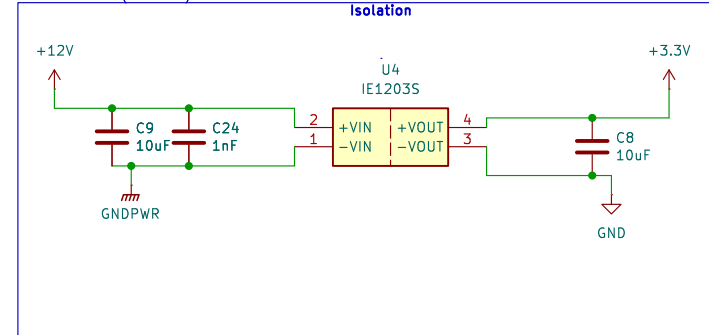


12V -> 3.3V (Unisolated)

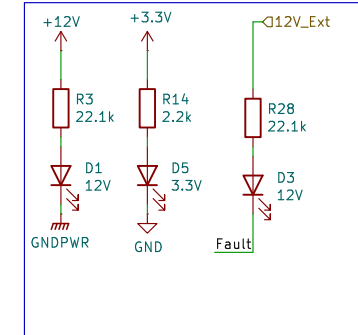


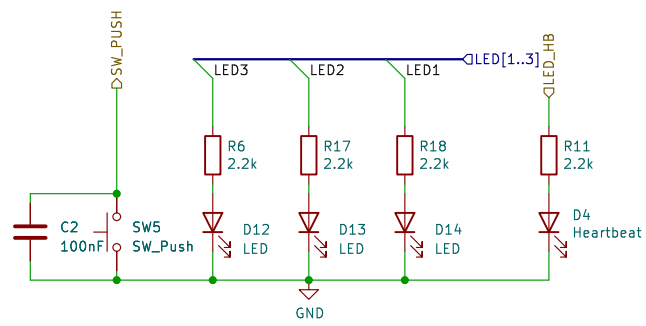
Max draw: 150mA

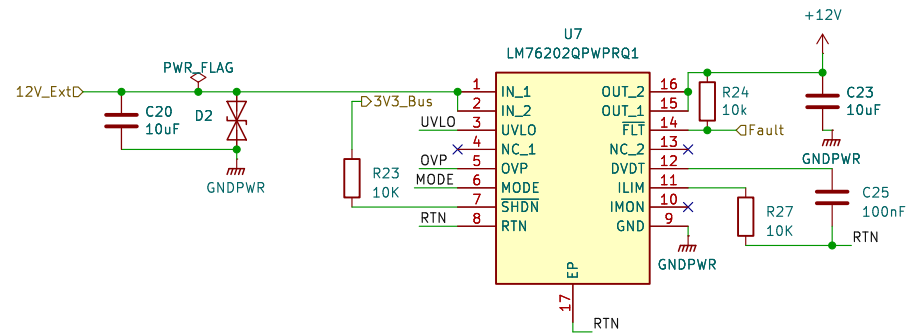
12V -> 3.3V (Isolated)



Max draw: 300 mA







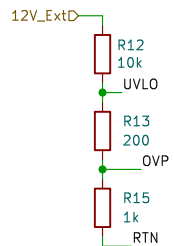
$$\text{Current lim(A)} = 12/\text{Rilim(k)}$$

$$1.2\text{A} = 12/10\text{k ohms}$$

Set to circuit breaker
Auto-retry

MODE
R20
402k
RTN

UVLO rising voltage: 1.1V
OVLO divider voltage: 1.19V



RTN!=GND
Connecting GND to RTN turns off RPP!