

USB-C PC/Tablet USB-C Charger/GP

LED colors:
white: power
green/blue: serial data RxD/TxD
yellow/orange: I/O
red: error

Roof Top Unit Connector

2 USB Options for Modbus RTU, CAN, etc

4 Port USB Hub

Option: ESP32

Option: RS485 / Modbus

Option: CAN2.0 via ESP32/CANTact

Power Input Connector

Switch Mode Power Supply

Supply & USB

REV: 1.0

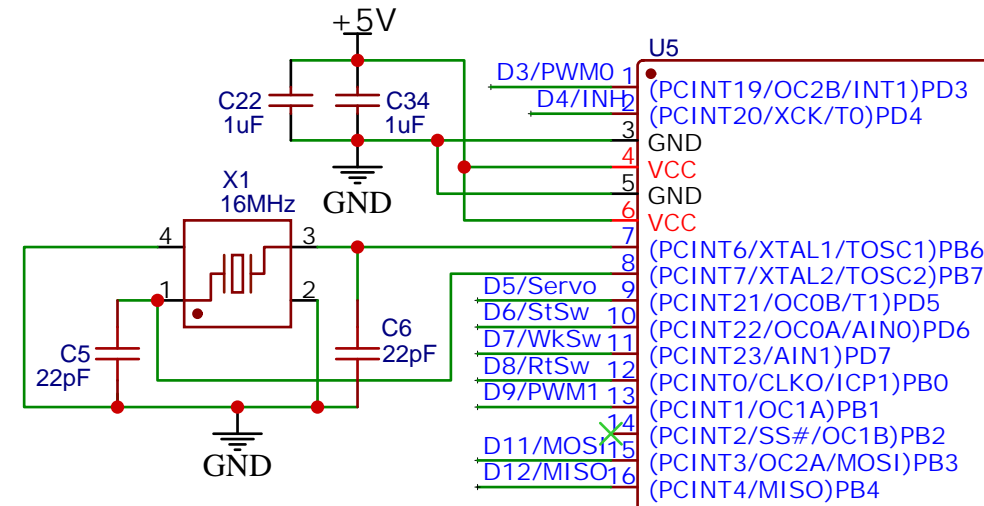
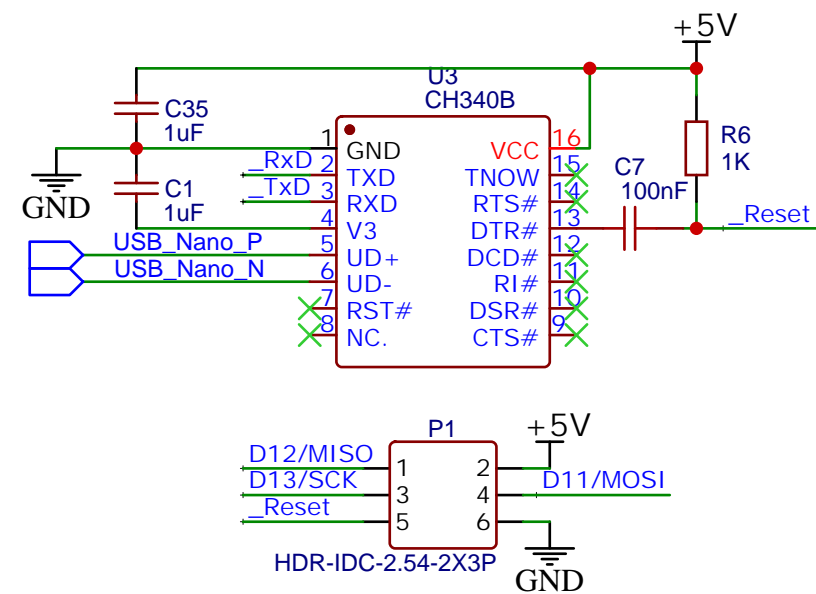
Company: Your Company

Sheet: 1/1

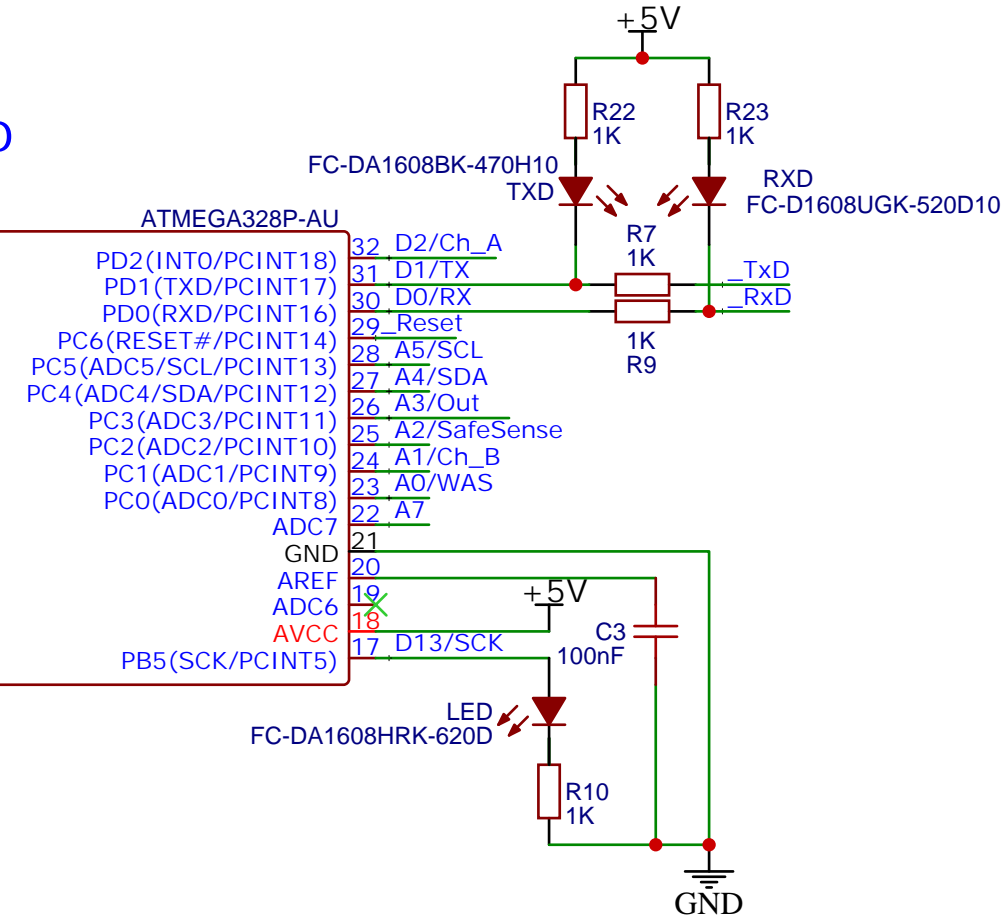
Date: 2020-12-11

Drawn By: GoRoNb

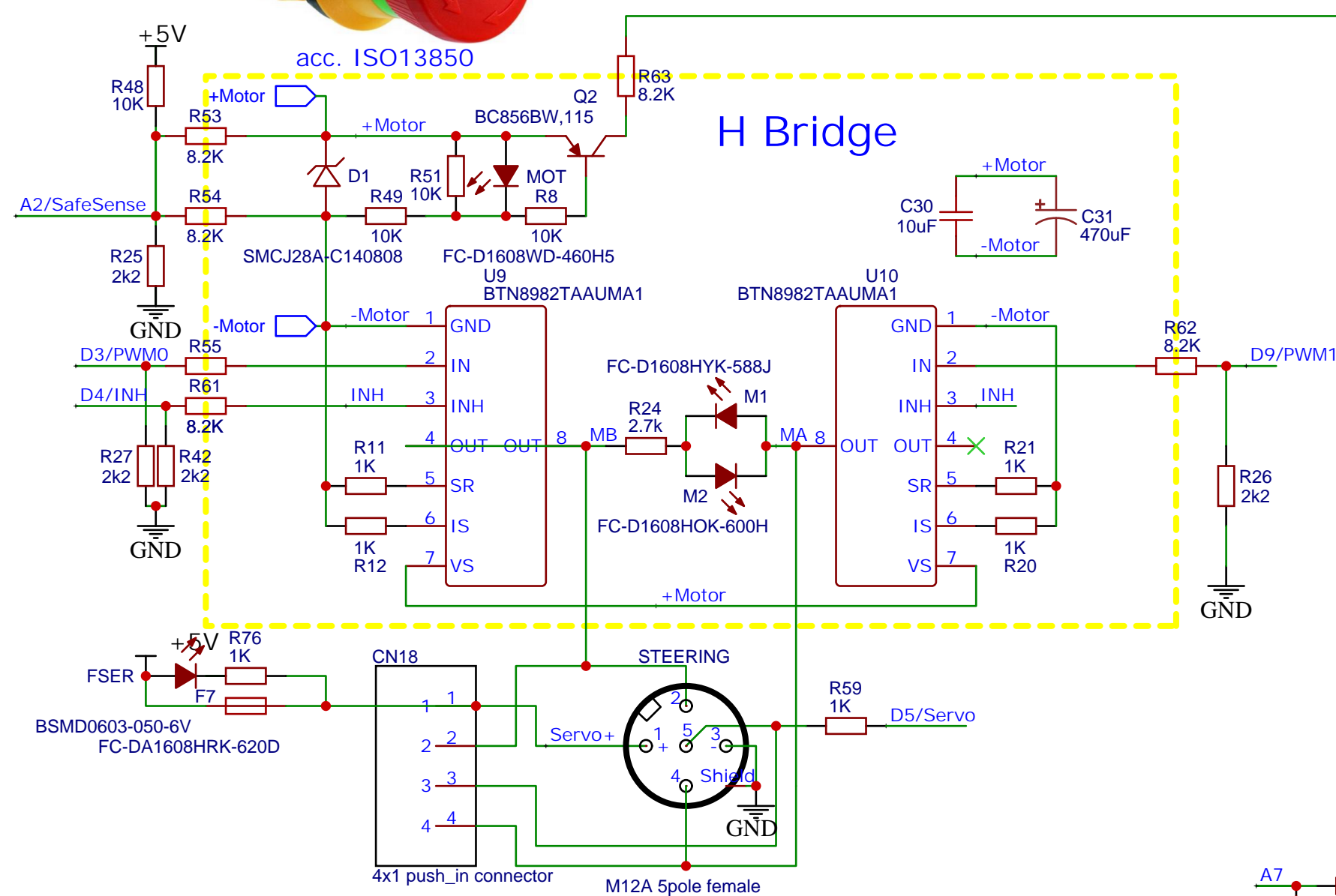
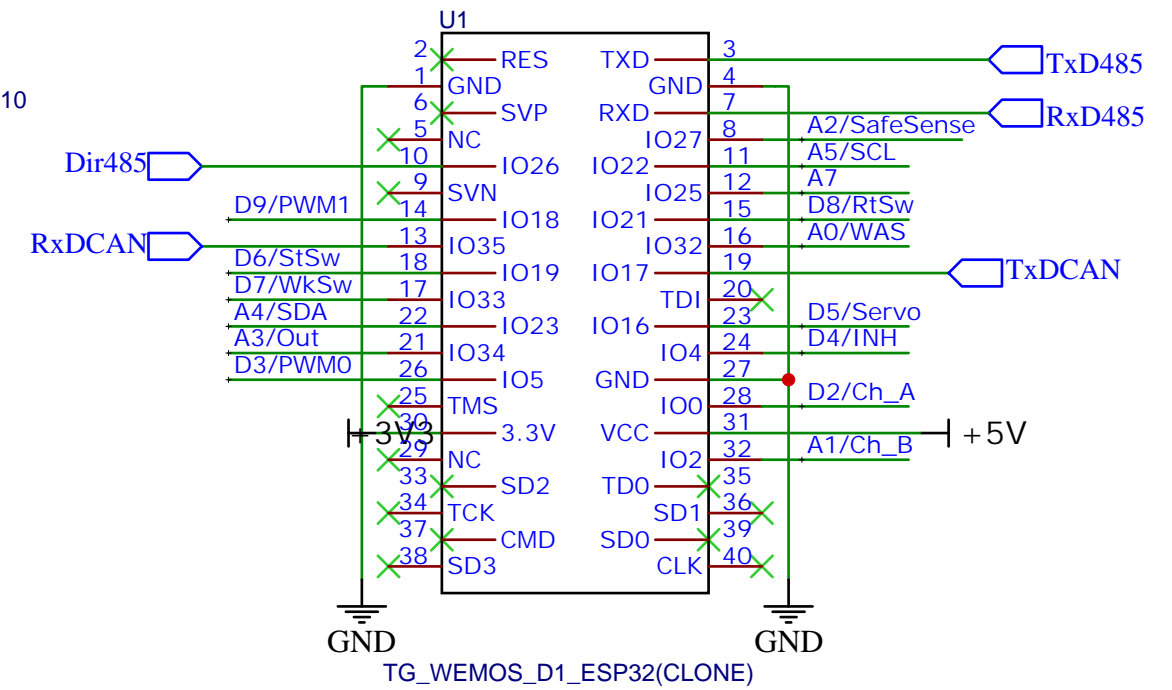




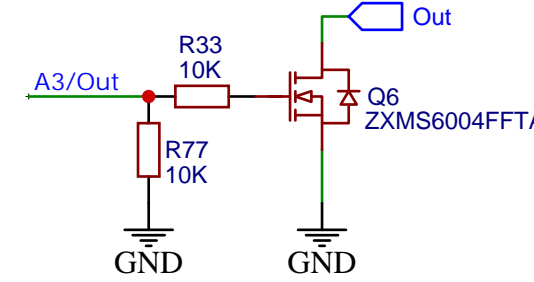
Nano



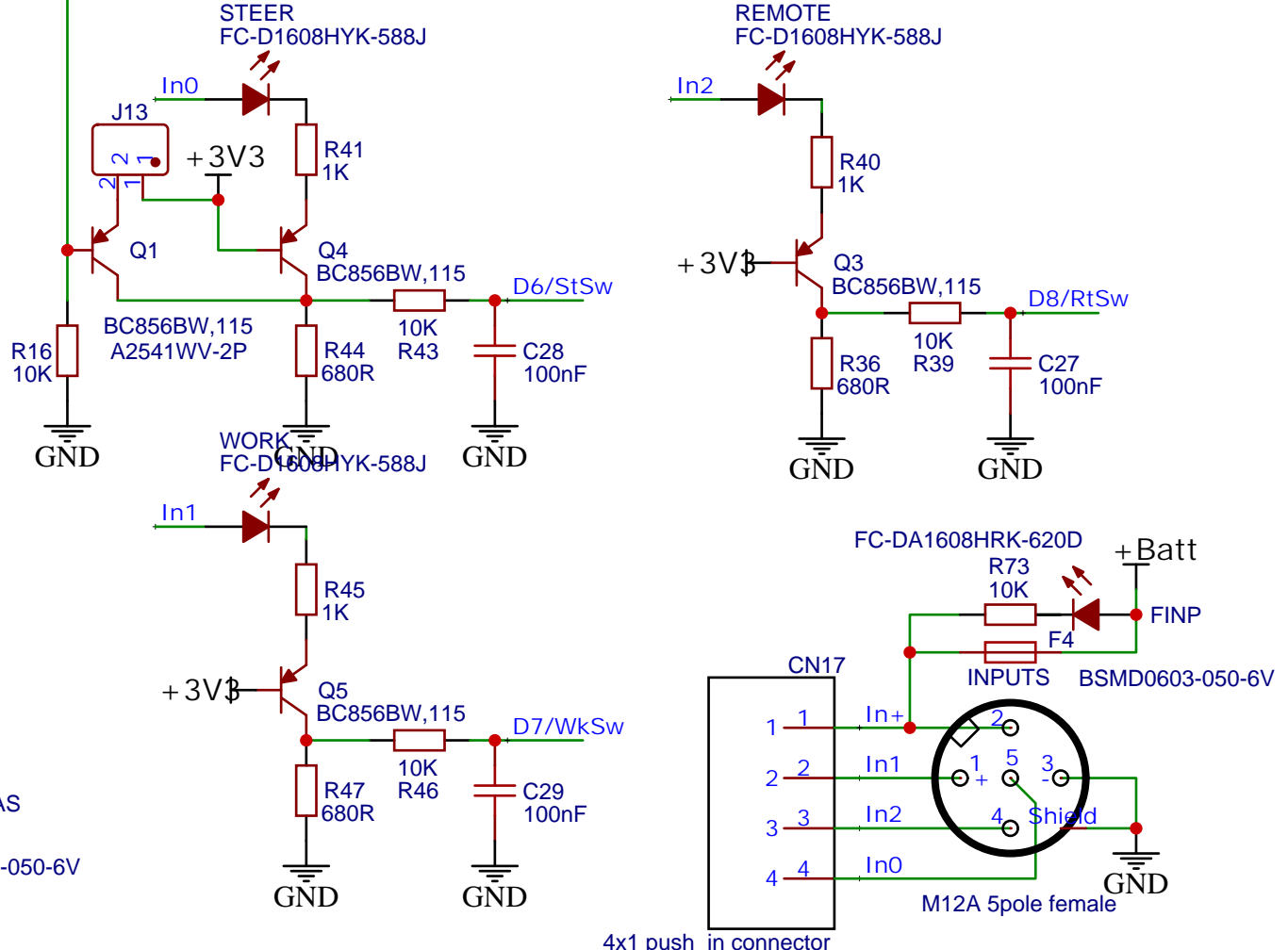
Option: ESP32



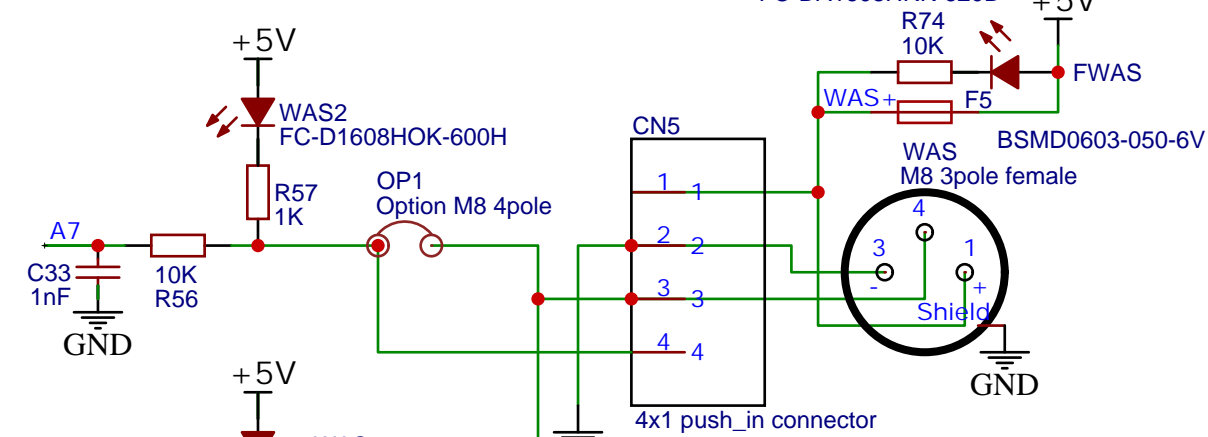
General Propose Output



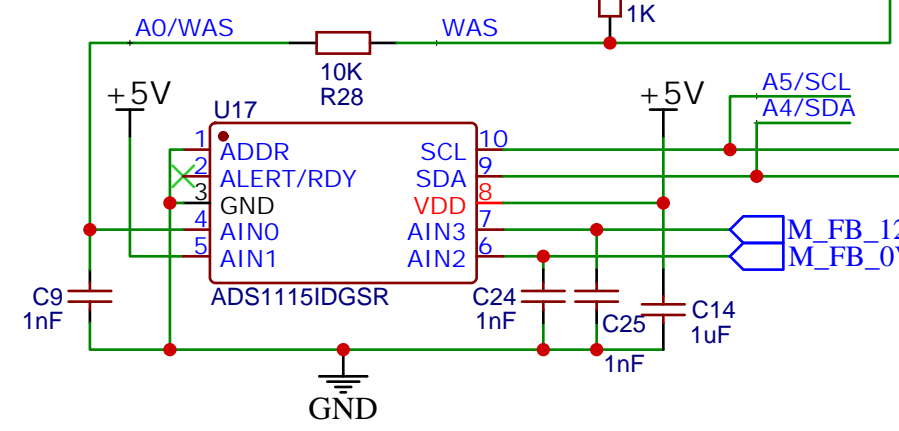
Protected General Propose Inputs



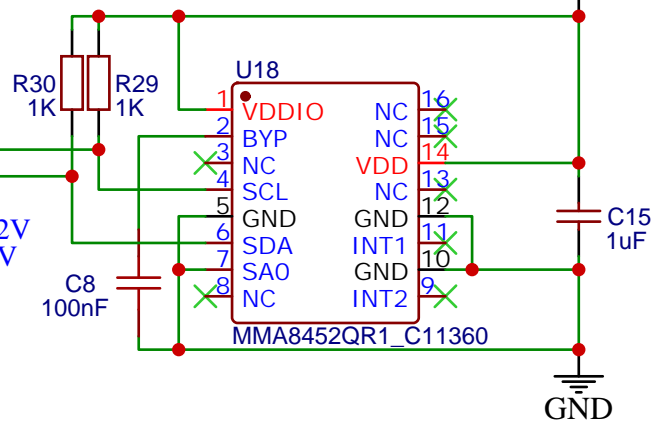
Wheel Angle Sensor



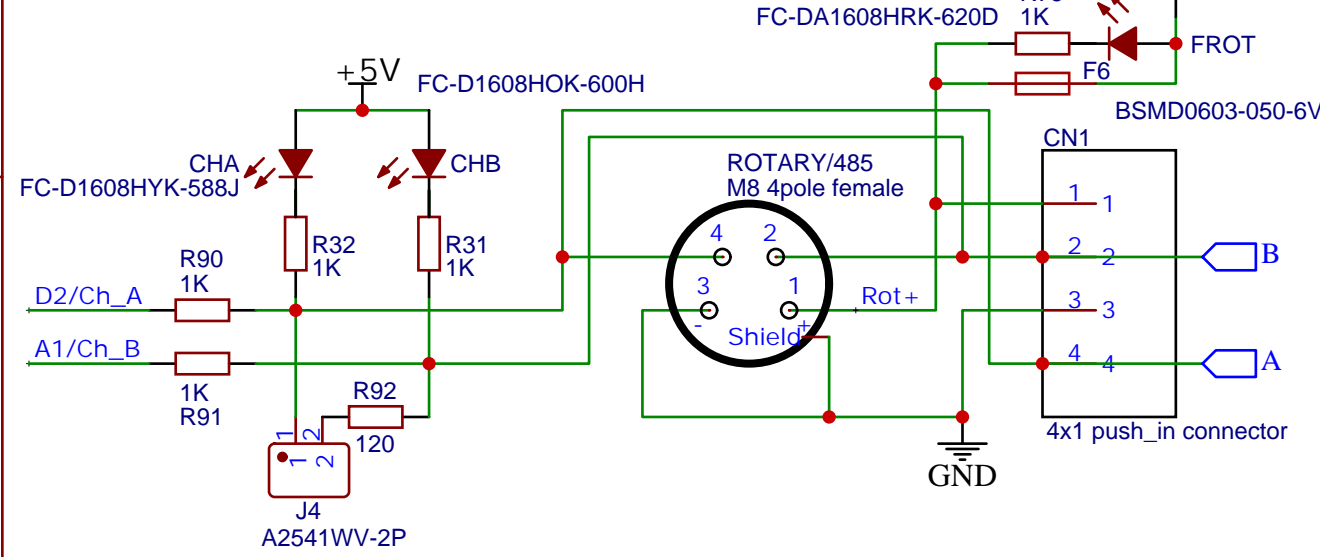
ADC



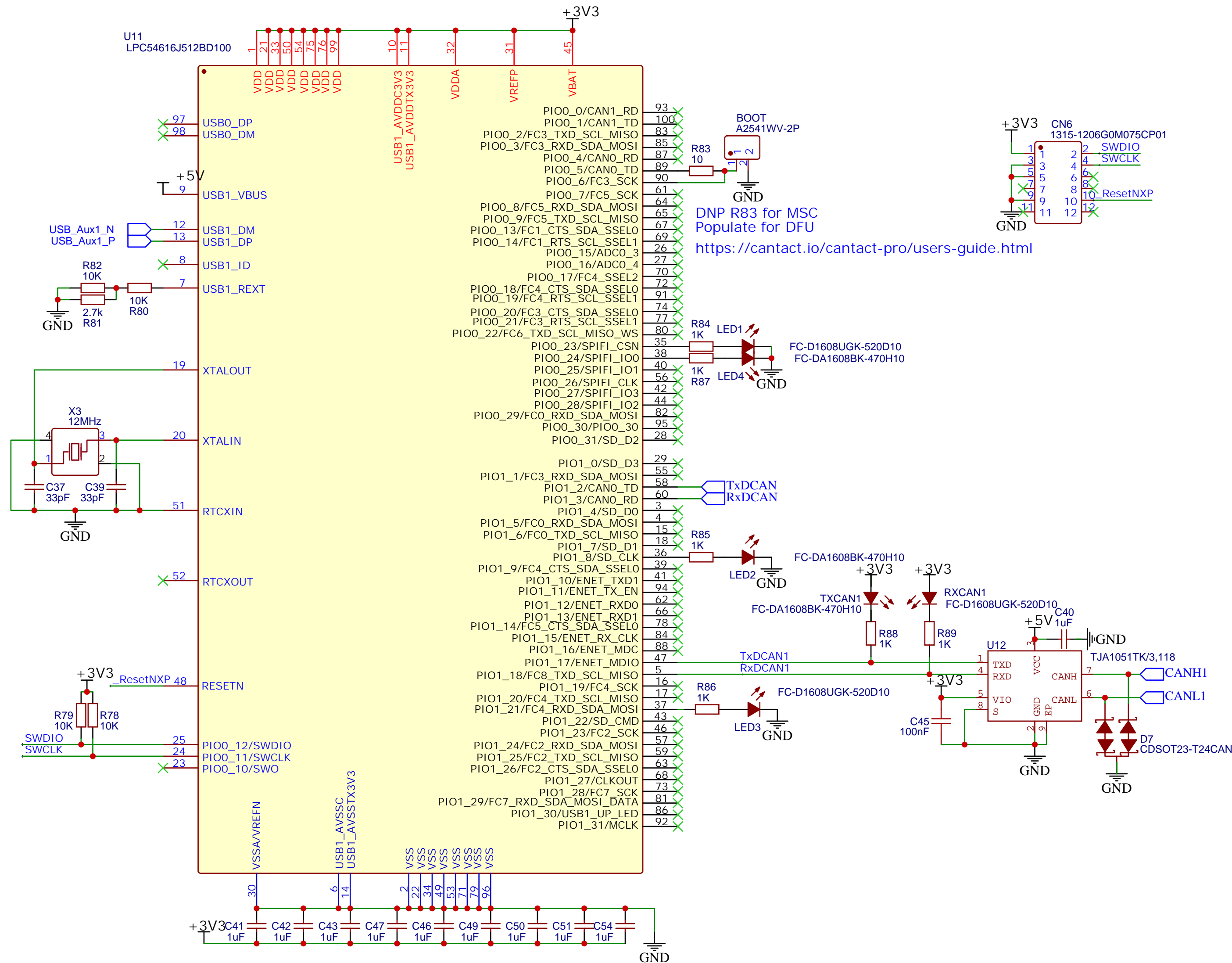
Roll Sensor



Rotary encoder/RS485



CANtact



DNP R83 for MSC
Populate for DFU
<https://cantact.io/cantact-pro/users-guide.html>