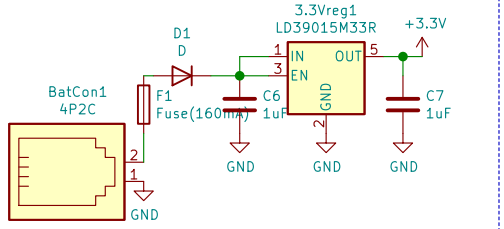
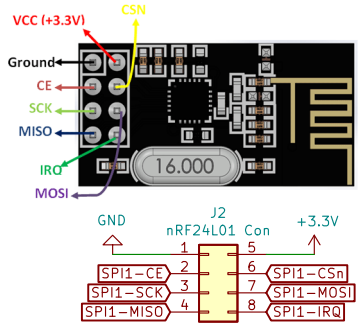
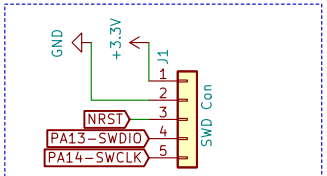


Reverse Polarity Diode : MBR120VLSFT1-D (Vf = 275mV @ 100mA)
Fuse Rating : 160 mA
Battery Connector Type:
Capacitor Ratings: 1uF

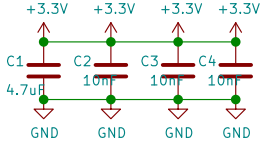


nRF24L01 connector (male header):
Ground indexed on board with arrow

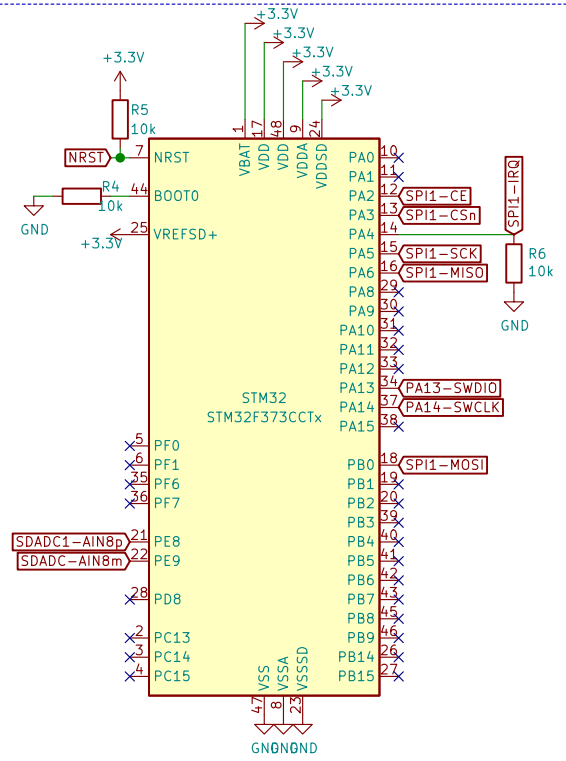
CE high for Rx or Tx, low for standby (attach to switch??)
CSN low for spi comms
SCK max 10MHz
IRQ - maskable interrupt, low enabled
MISO/MOSI for data transfer



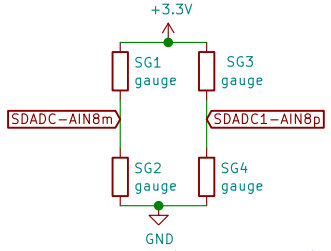
Debug/Programming Header(male)
Device: ST-link V2



Power Decoupling
+10nF for each VDD/VSS pair
labels shown for convenience



MCU pinouts
*SDADC sampling (difference mode)
*SPI1 communication with nRF24L01
*GPIO outputs for Tx interrupts and enables
*Pull down BOOT0 - flash memory boot
*Pull up NRST
*SWD debugging pins



Strain Gauge Circuit (Wheatstone Bridge)
THT-footprints for future adaptability
Strain gauge has a variable resistance

Sheet: /
File: Axle-Tx-PCB(STM32)v2.sch

Title:

Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad (5.1.8)-1		Id: 1/1