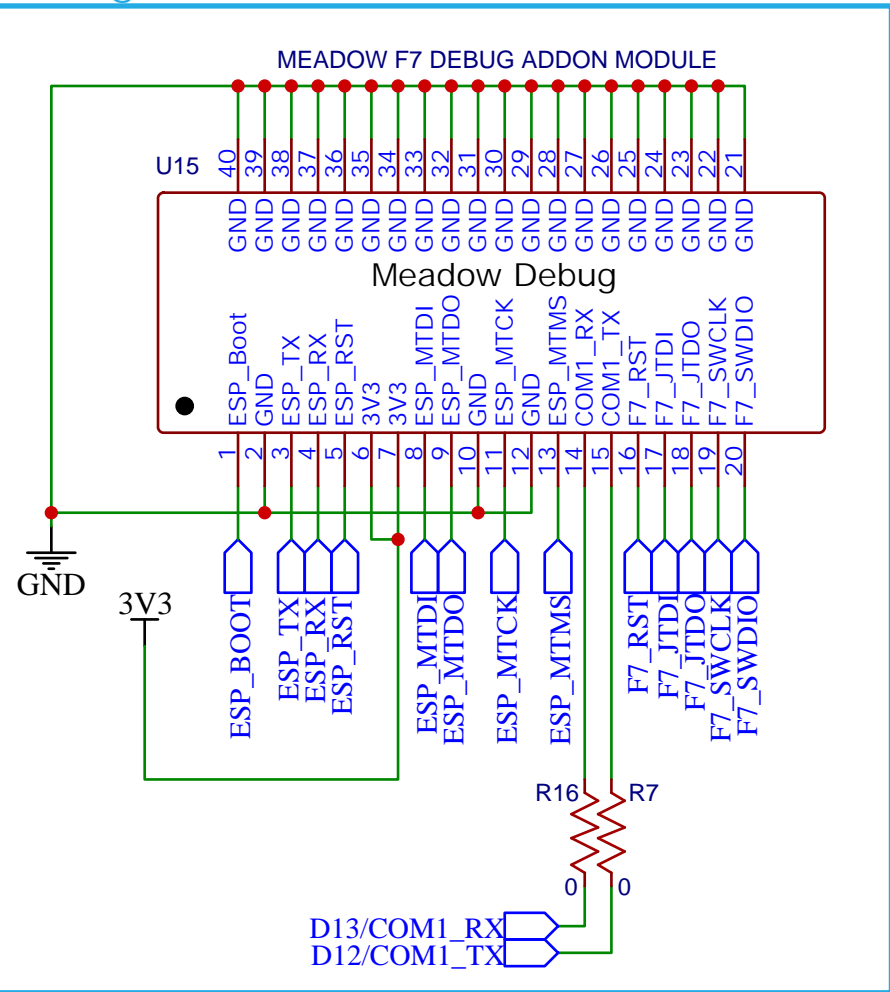
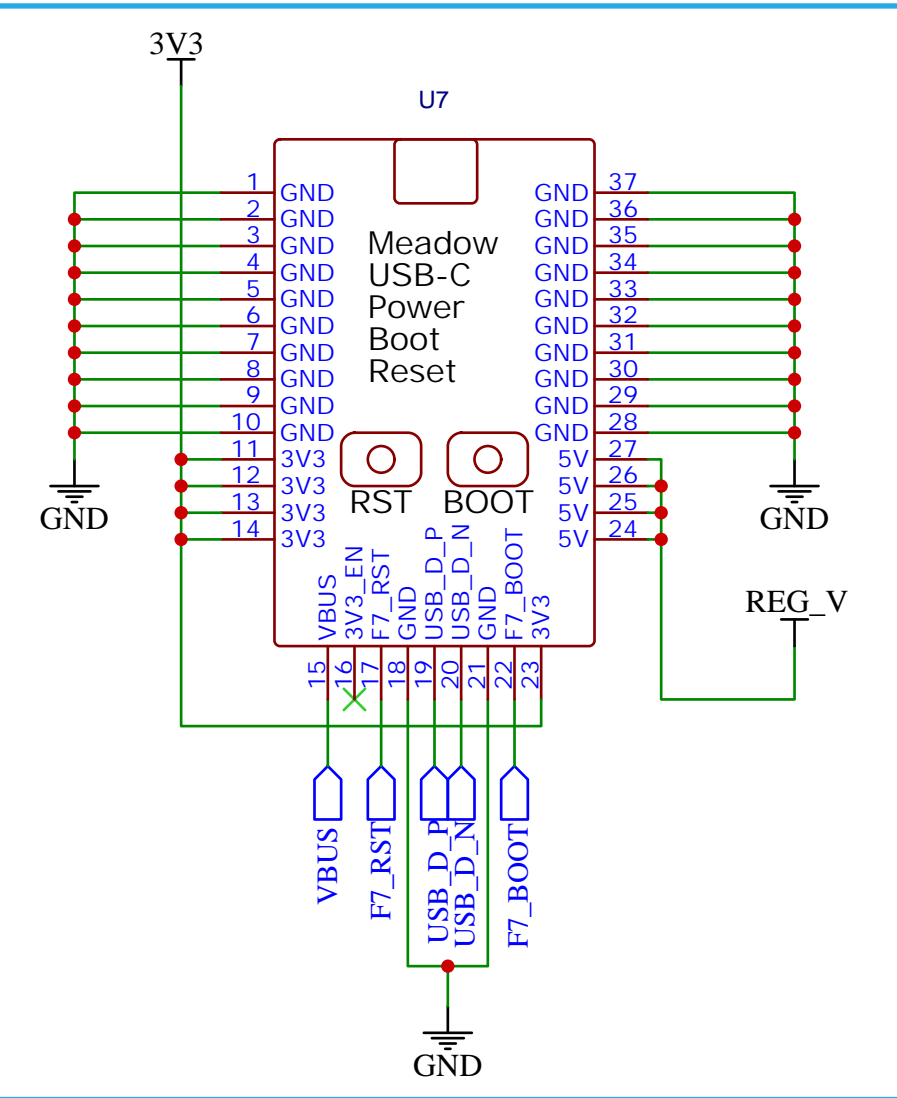


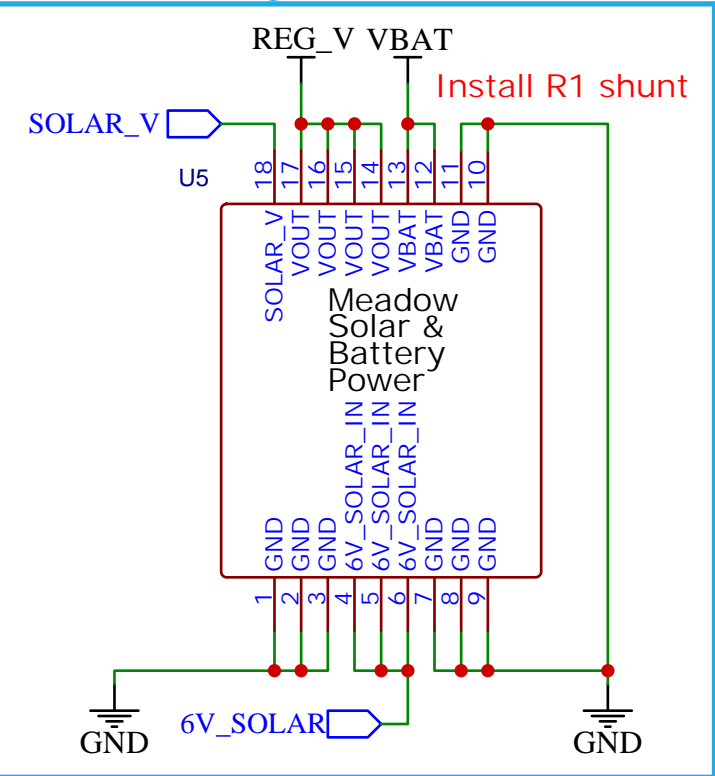
Debug Header



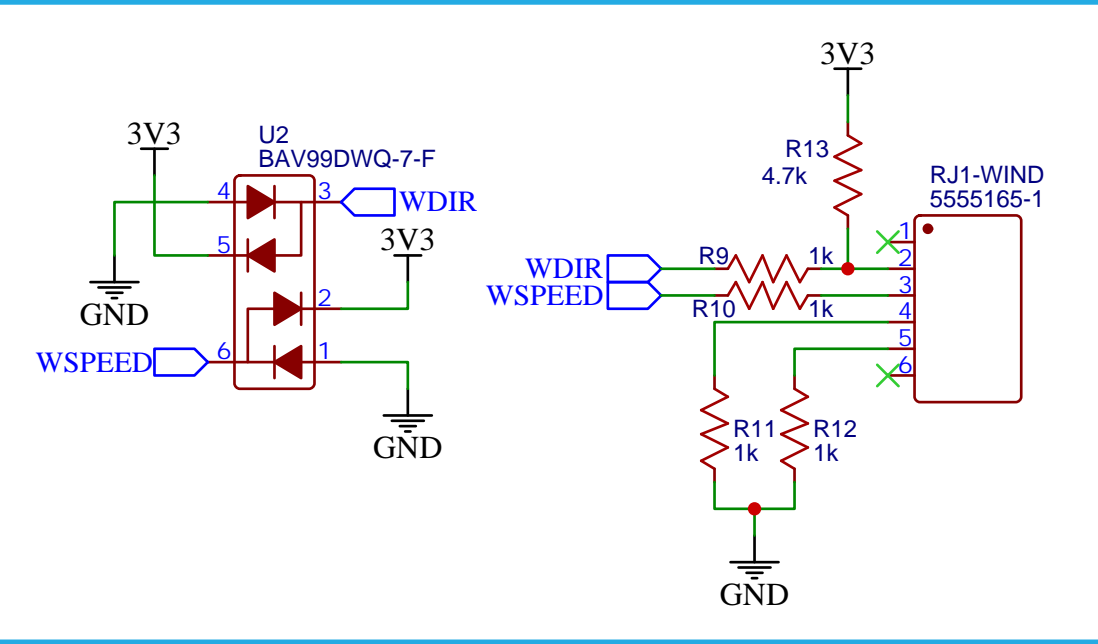
USB, Boot, Reset, Power



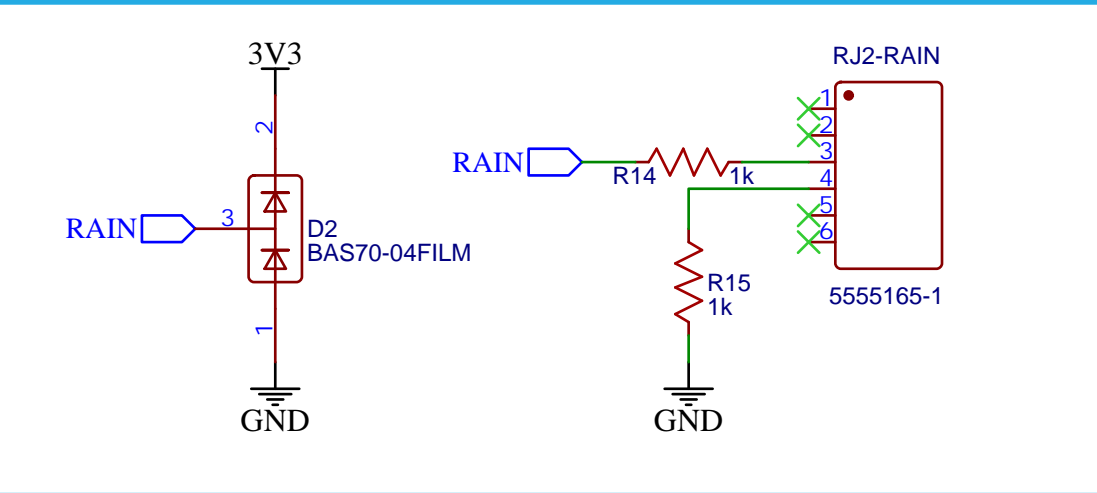
Solar, Battery, Power



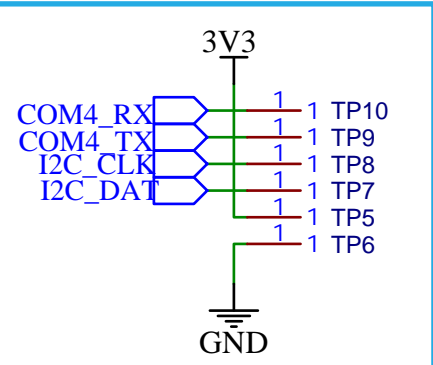
Wind Sensor RJ11 Jack



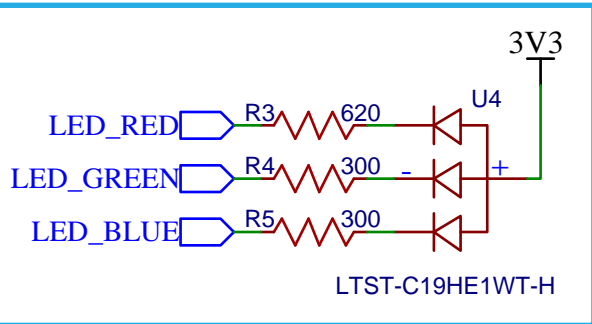
Rain Sensor RJ11 Jack



Test Points

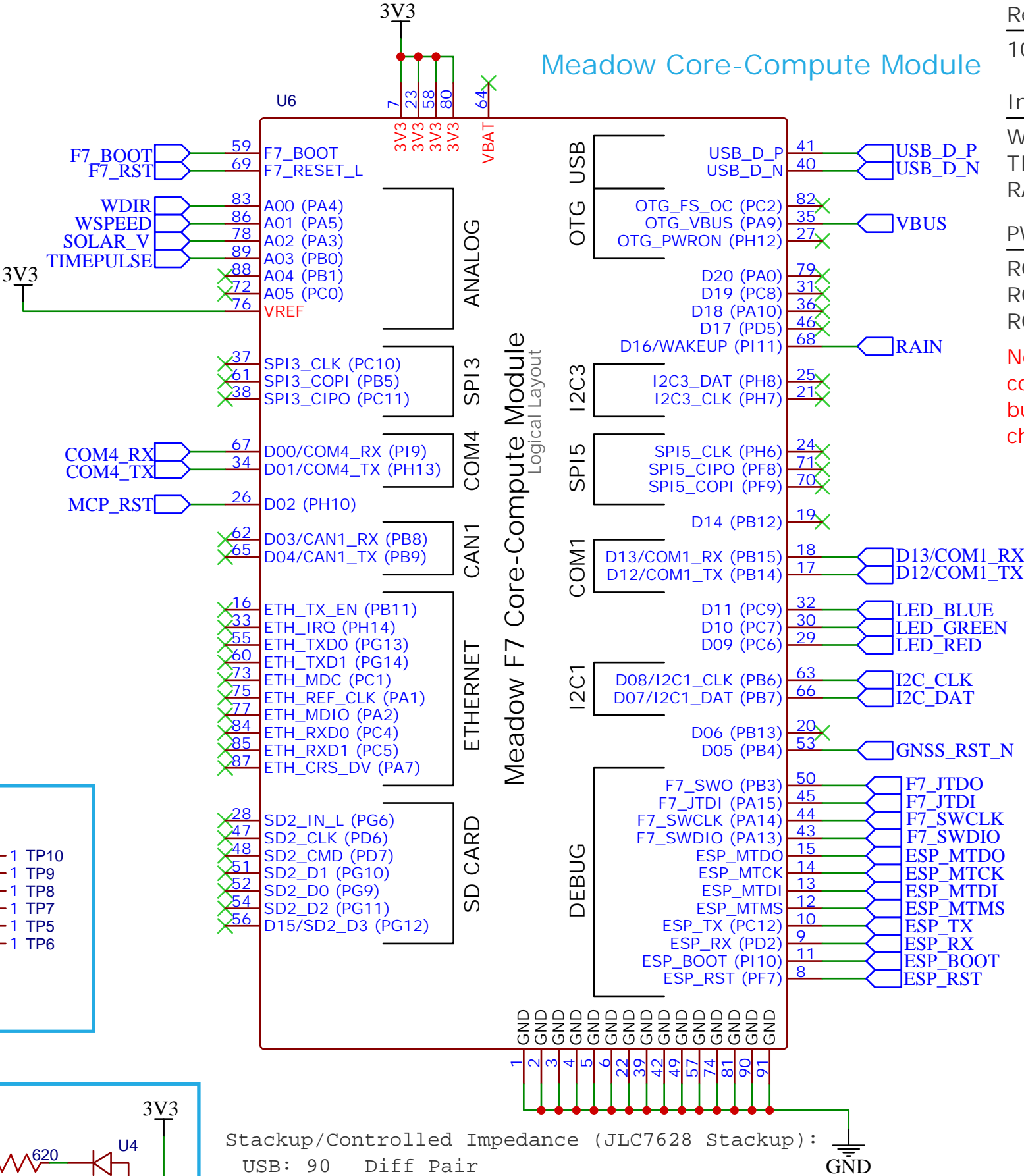


RGB LED



Stackup/Controlled Impedance (JLC7628 Stackup):
USB: 90 Diff Pair
Outer layer: 0.19mm width, 0.11mm spacing
Inner layer: 0.13mm width, 0.11mm spacing
GNSS Antenna: 50
Outer layer: 0.29mm width
Inner layer: 0.23mm width

Meadow Core-Compute Module



Reserved Interrupts

10, 12, 13

Interrupt Table

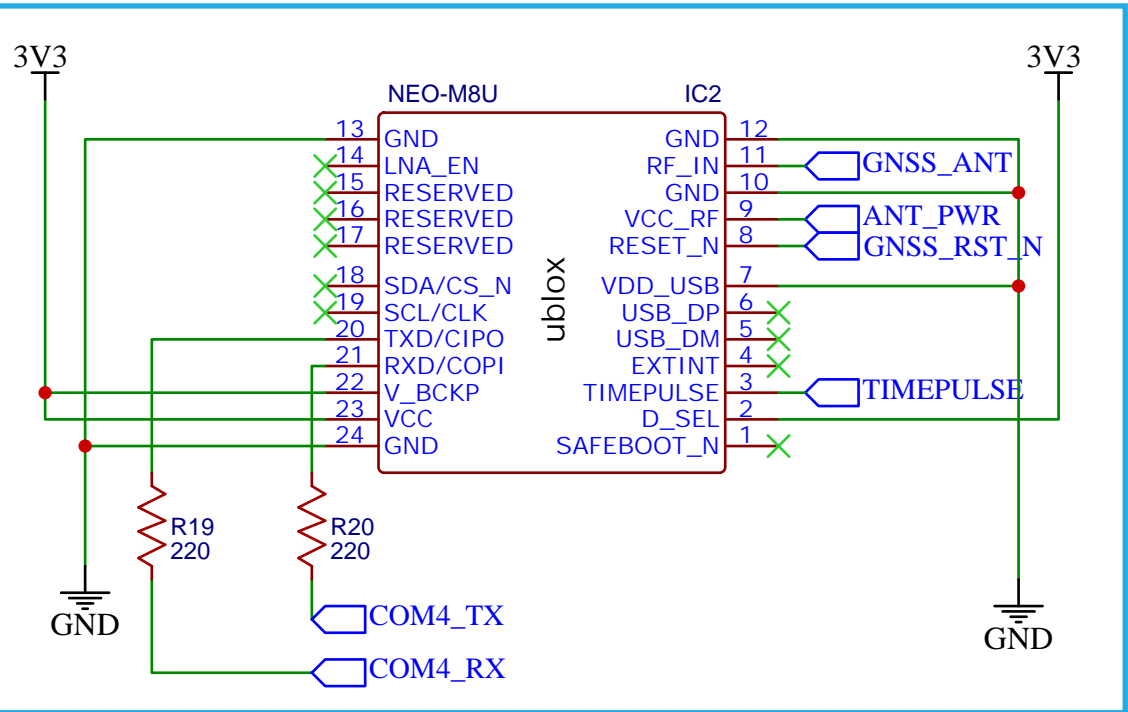
WSPEED	05
TIMEPULSE	03
RAIN	11

PWM Timers

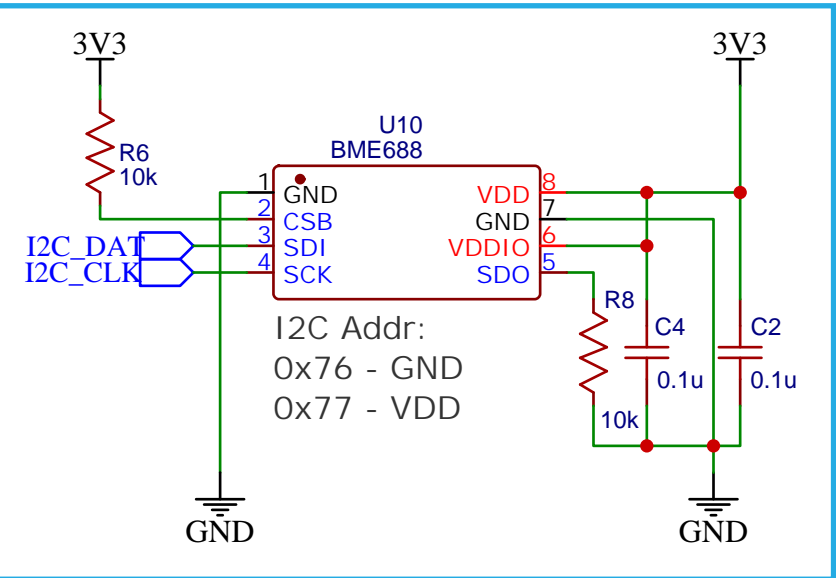
RGB_RED	TIM8_1
RGB_GREEN	TIM3_2
RGB_BLUE	TIM8_4

Note, D10 (PC7) can be configured as TIM8_2 but requires Meadow.Core change.

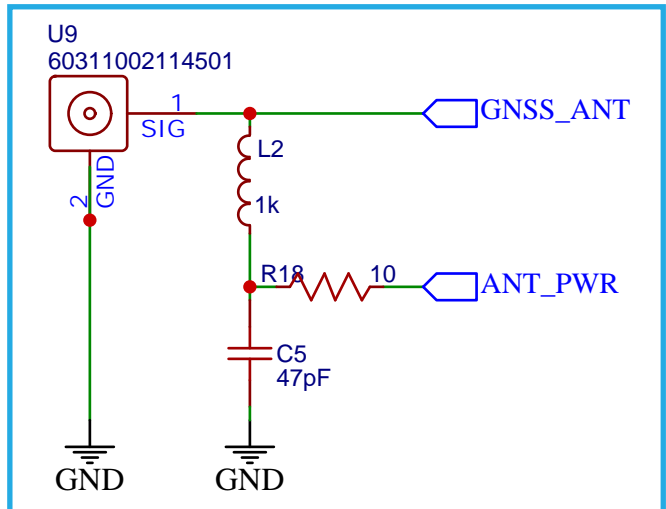
GNSS



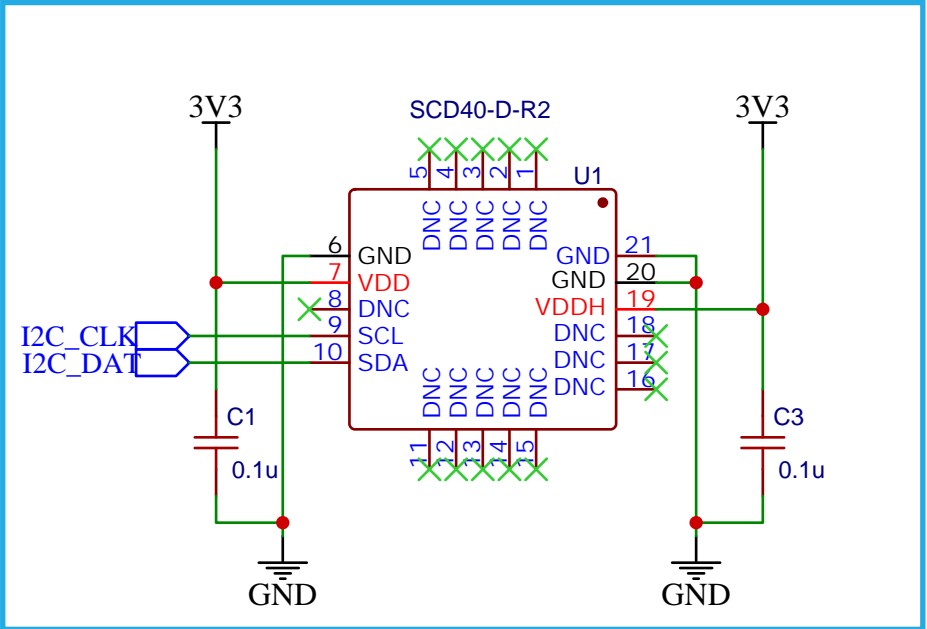
BME 688



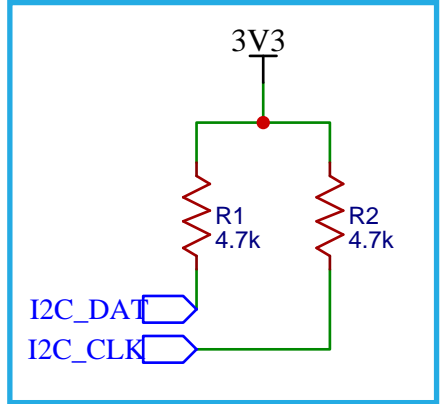
GNSS Antenna



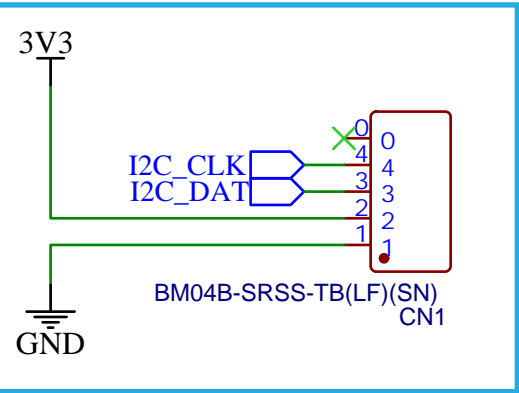
SCD40



I2C Pull-Ups

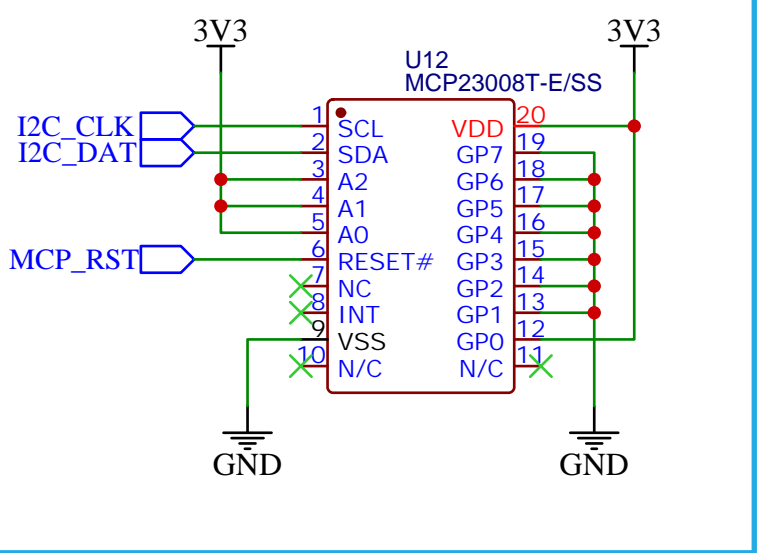


I2C STEMMA QT

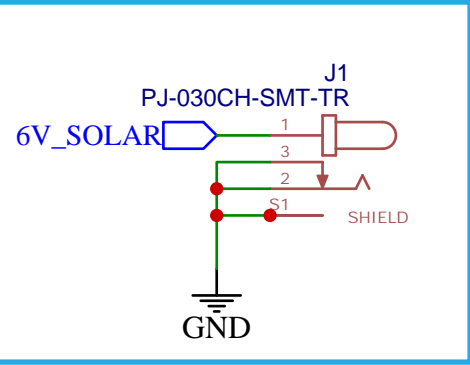


MCP23008 Version Info

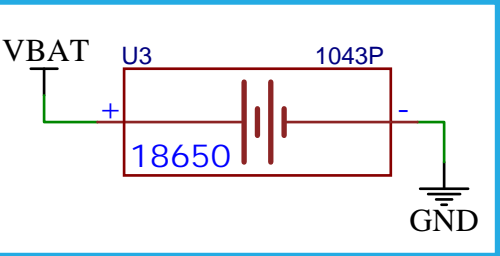
3 - 0x27/39



Solar Input



18650 Battery Holder



Stencil Registration Holes



TITLE: Clima		REV: v3.d
Company: Wilderness Labs		Sheet: 1/1
Date: 2023.March	Drawn By: Bryan Costanich	