

A

A

B

B

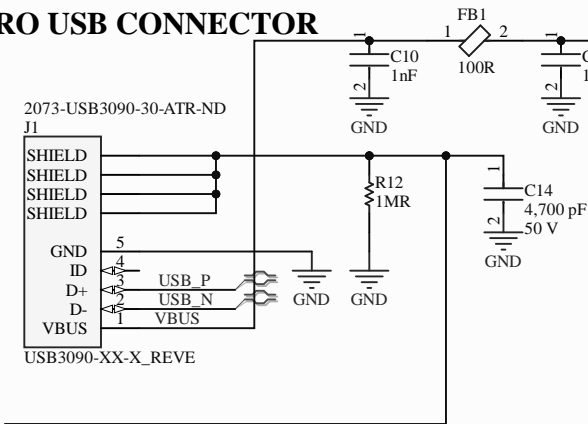
C

C

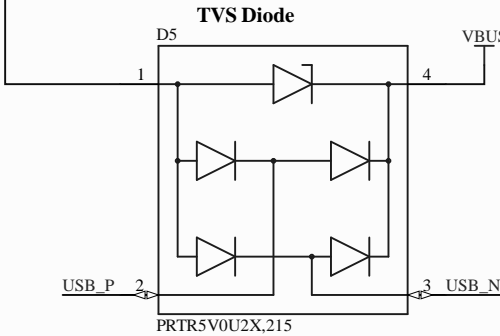
D

D

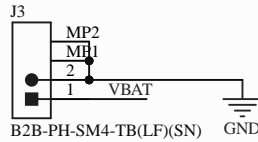
MICRO USB CONNECTOR



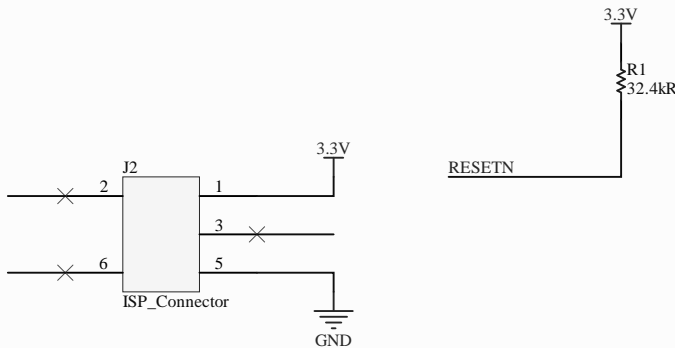
TVS Diode



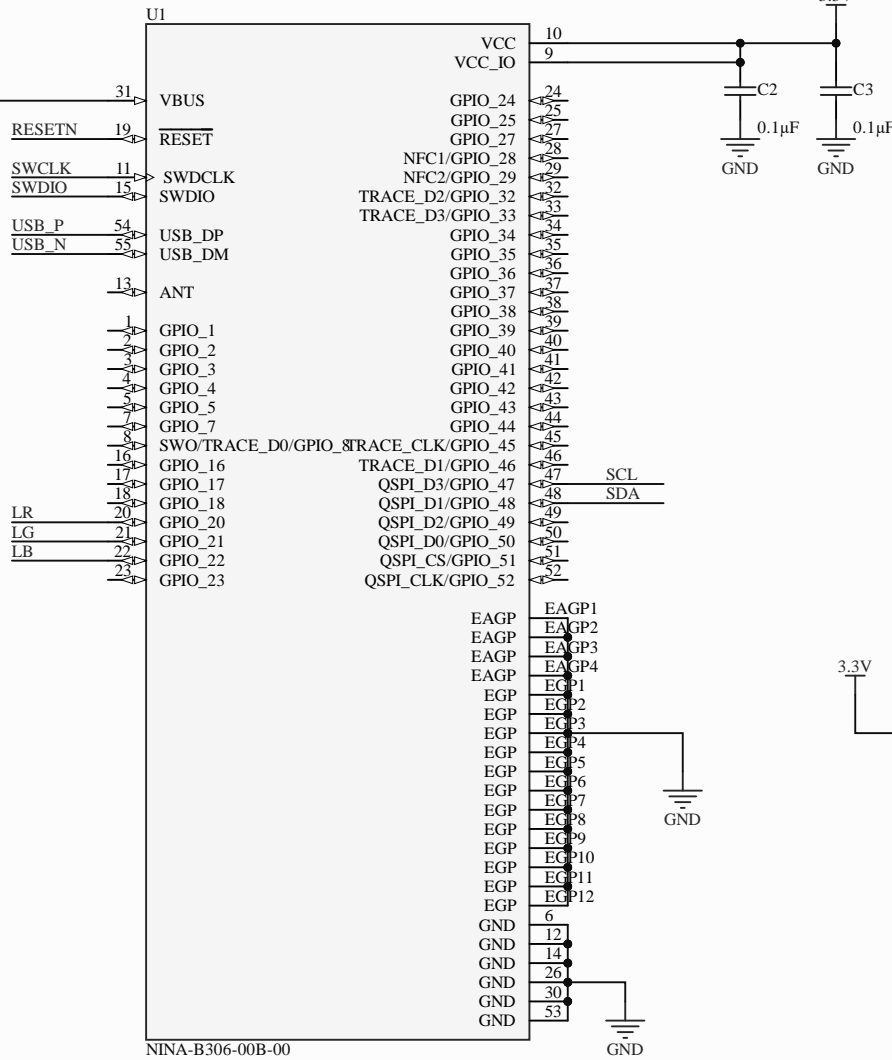
BATTERY CONNECTOR



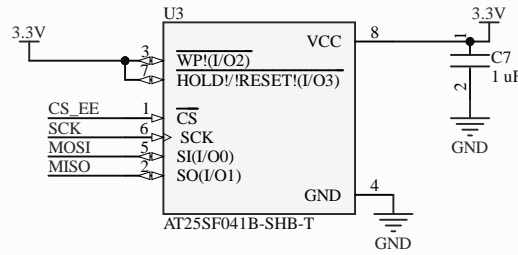
PROGRAMMING CONNECTORS + RESET



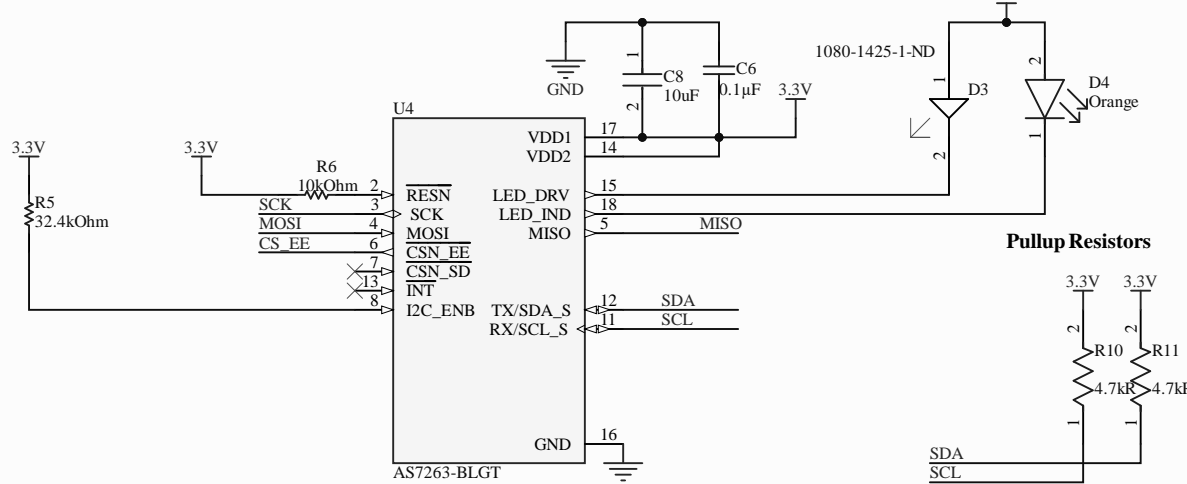
NINA MCU



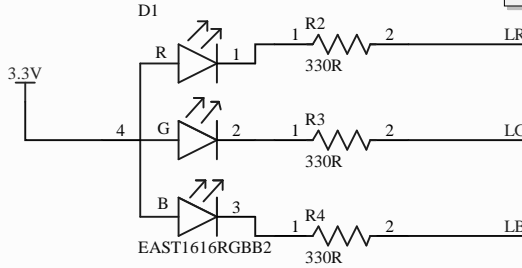
SPECTRAL FLASH MEMORY



SPECTRAL SENSOR

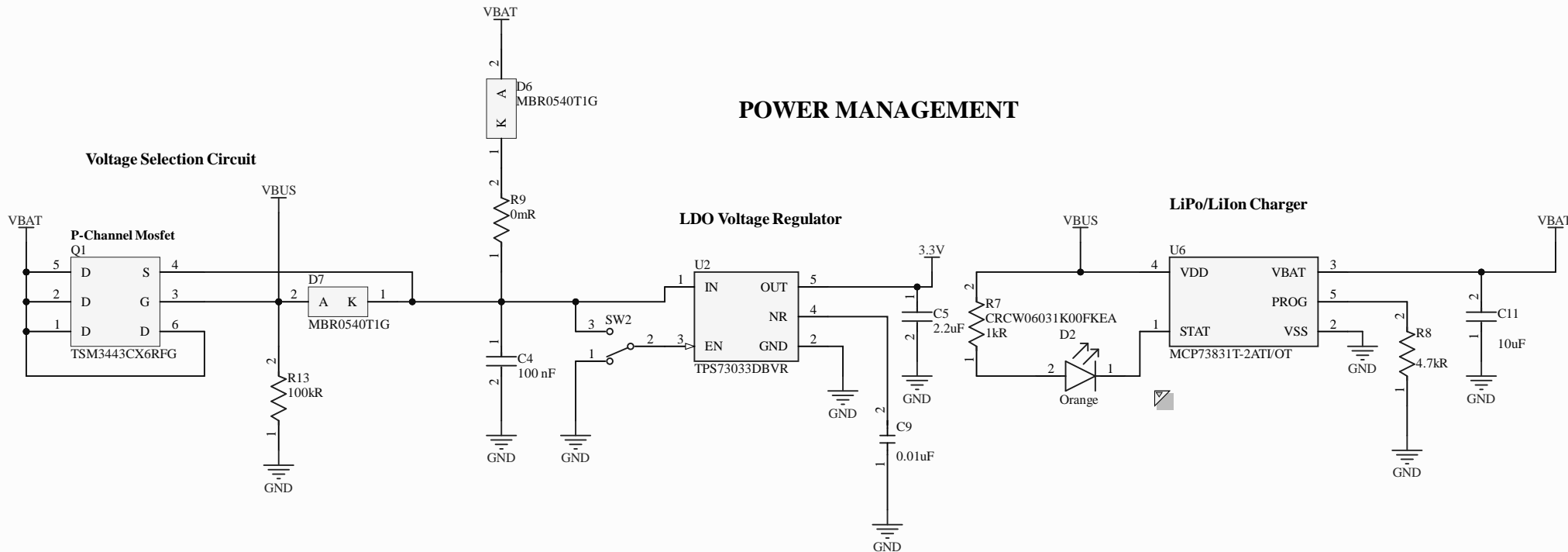


DEBUGGING LEDS



LED Resistor Calculation:  
(3.3 - 2.75V) = 2mA x R ...  
R = 275 Ohm

POWER MANAGEMENT



Title		
pIRfusiX Sensor Board		
Size	Number	Revision
C		
Date:	3-03-2022	Sheet of
File:	C:\Users\...SensorBoardSchm.SchDoc	Drawn By: Randy Moore