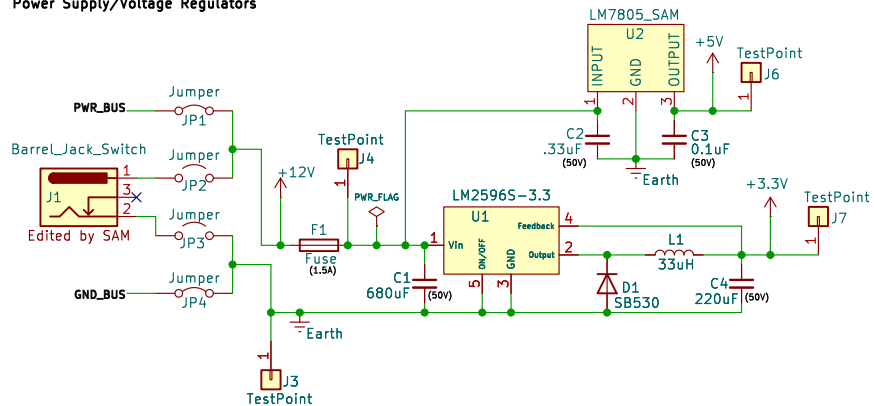
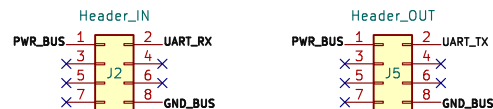


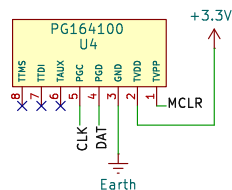
## Power Supply/Voltage Regulators



### Team Ribbon Cable Connectors



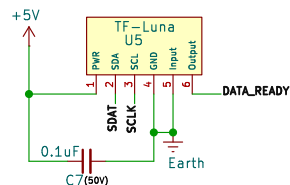
## MPLAB Snap Programming/Debugging Tool



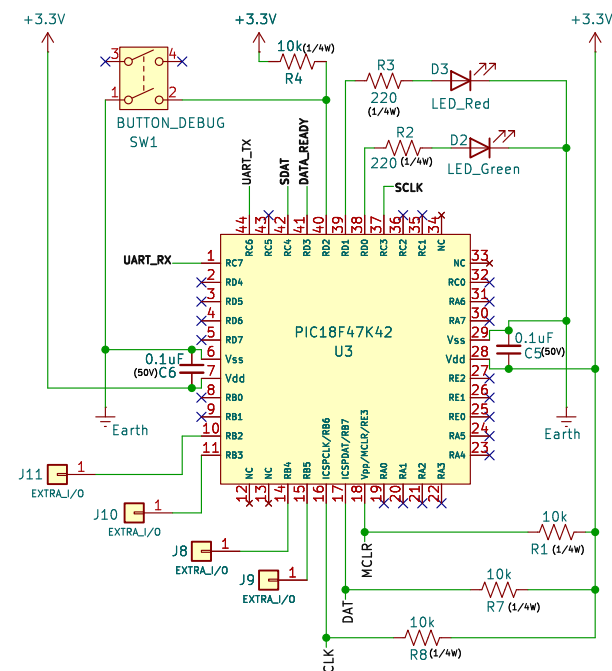
### TF-Luna Single Point LiDAR Sensor

## I2C Addresses

Default: 0x10  
Write: 0x20  
Read: 0x21



## PIC18F47K42-E/PT Microcontroller



## Team 201: Droat

Sheet: /

File: EGR314-IndividualSubsystemDesign-SAM.kicad\_sch

**Title: Single-Point LiDAR Distance Sensing Subsystem Design**

Size: A4

Date: 2026-02-21

Rev: 2

KiCad E.D.A. 9.0.5

Id: 1/1