Preliminary Block Diagram
Solar-powered LiDAR Datalogger
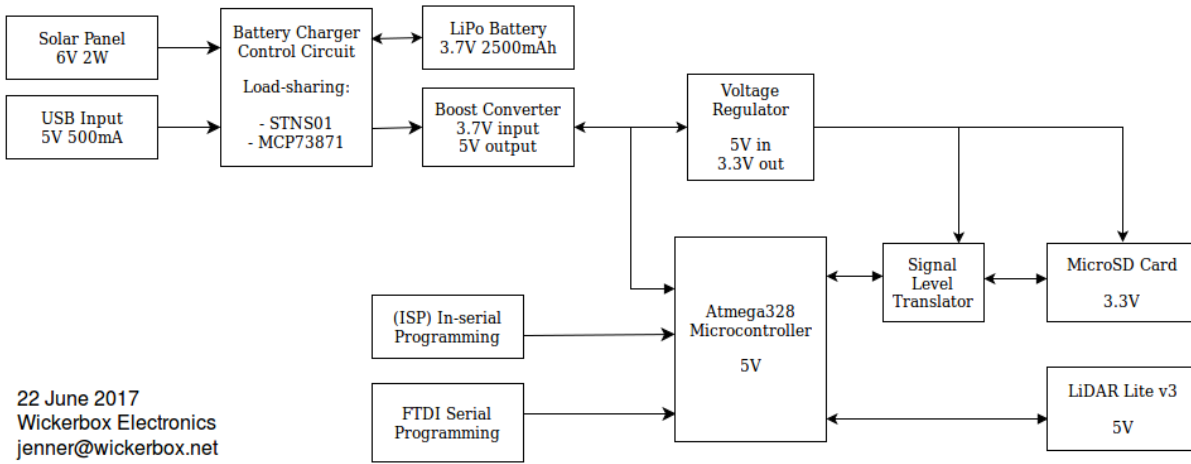

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Figure 1: Block Diagram

Off-the-shelf Prototype Cost Estimate

Module	Vendor	Cost
6V Solar Panel	Adafruit	$30
USB/DC/Solar LiPo Charger	Adafruit	$17.50
Solar Panel Adapter Cable	Adafruit	$1
Arduino Uno	Adafruit	$25
microSD Breakout Board	Adafruit	$7.50
LiDAR-Lite v3	Sparkfun	$150