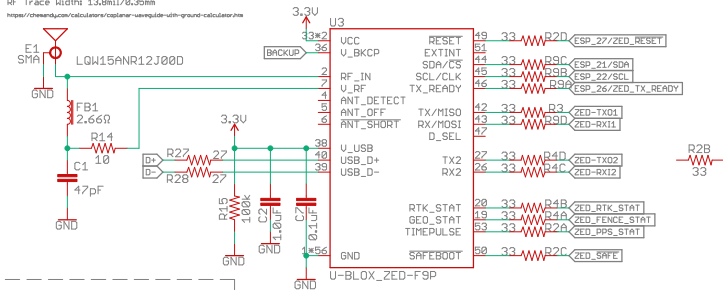
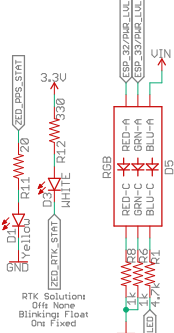


Microstrip Calculation:
 Copper Thickness (1oz) 1.4mil/0.035mm
 Board thickness 1.6mm
 Dielectric thickness (Layer 1 to 2) 0.2mm
 Eri 4.6
 Polygon Isolations 8mil/0.2032mm
 RF Trace Width 13.8mil/0.35mm
<https://resources.pcb.com/knowledge-center/microstrip-vs-rigid-calculation/>

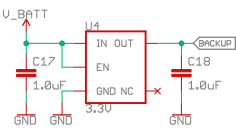
Ublox ZED-F9P



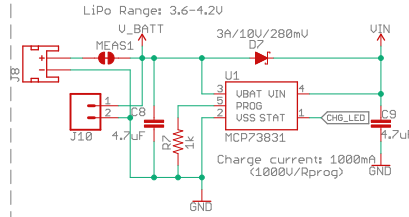
Stat LEDs



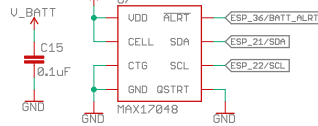
RTC Backup



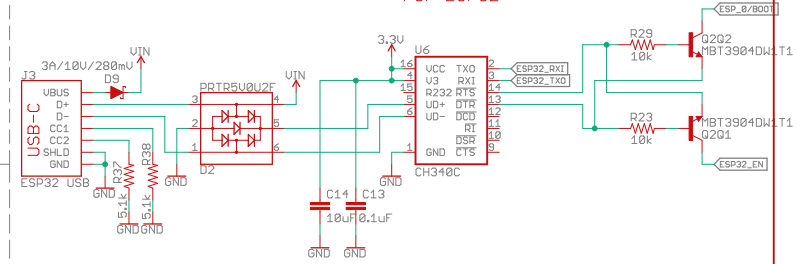
LiPo Charger



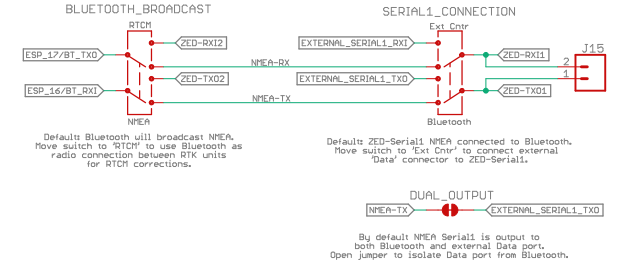
Fuel Gauge



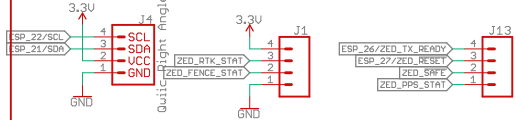
USB-to-Serial For ESP32



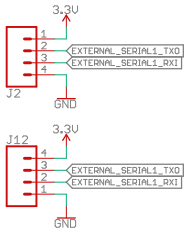
Data Output Selection



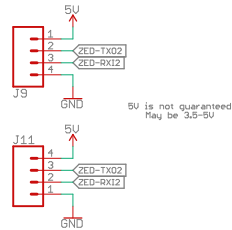
Connections



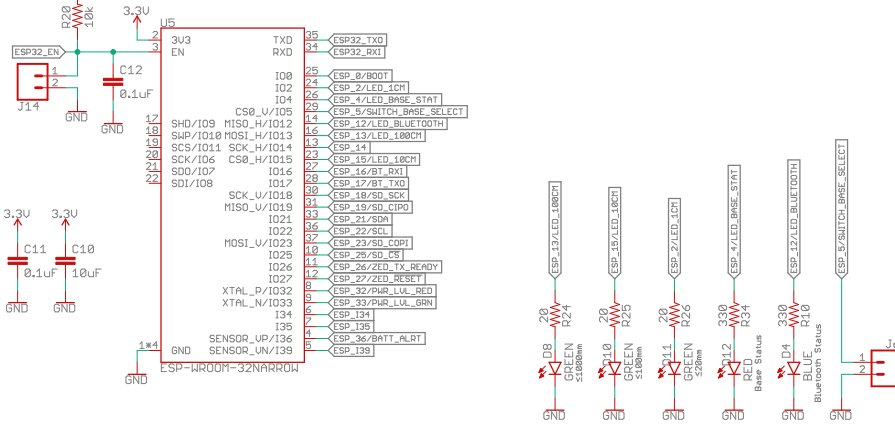
DATA Port



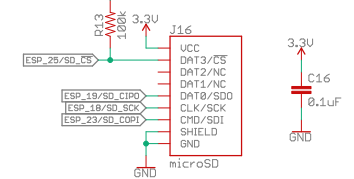
RADIO Port



ESP32-WROOM



µSD



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TITLE: SparkFun GPS RTK Surveyor

Design by: REU:
 v13

Date: not saved! Sheet: 1/1