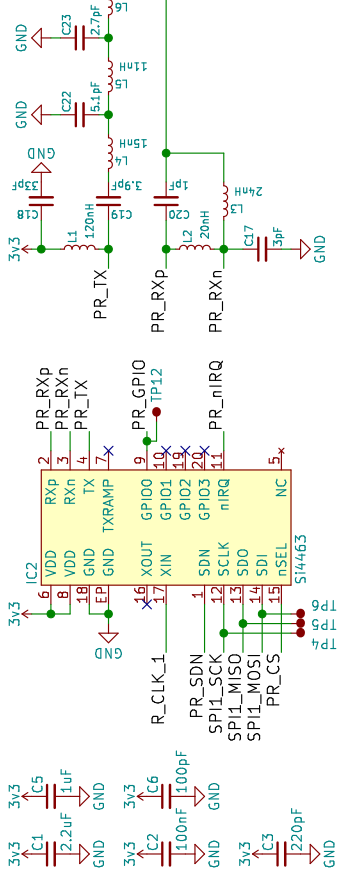
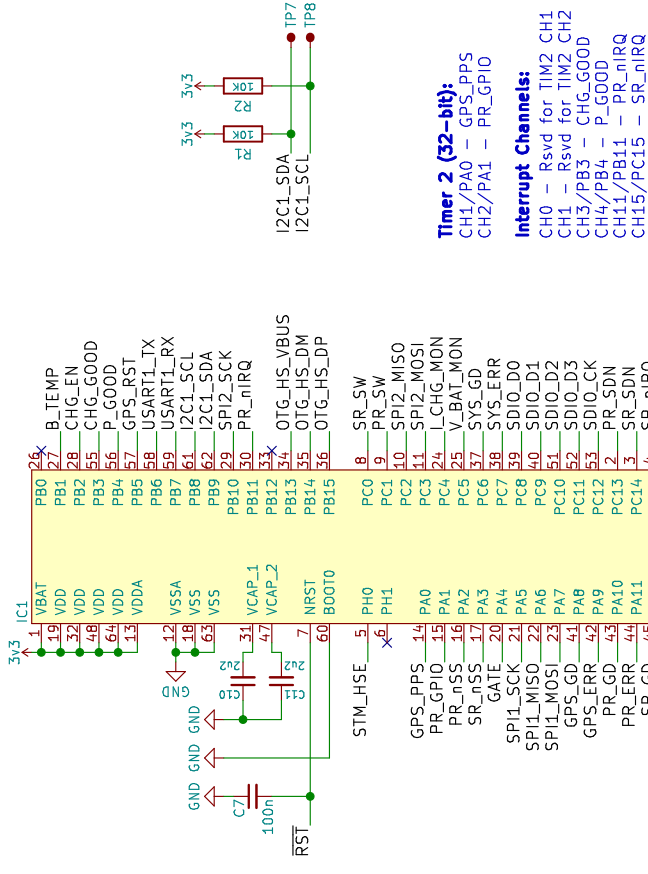


Primary Radio:



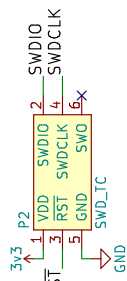
Primary Radio for Rocket TX/RX

Microcontroller:

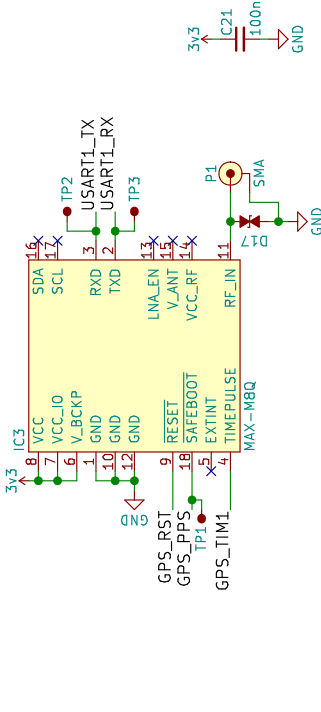


ADC Channels:

ADC12_IN9/PB1 - B_TEMP
ADC12_IN14/PC4 - I_CHG_MON
ADC12_IN15/PC5 - V_BAT_MON

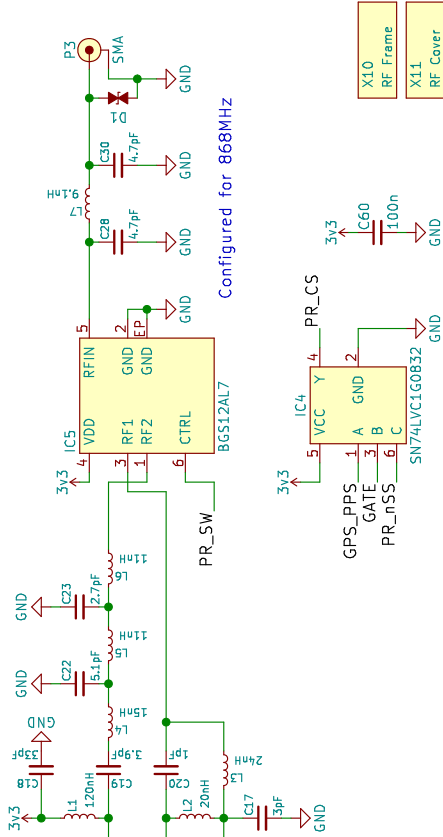


GPS:



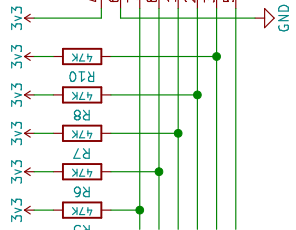
Timepulse is set to 4MHz to act as the frequency reference for the system clock. PPS is set to produce 1 pulse per second in falling mode.

Complete

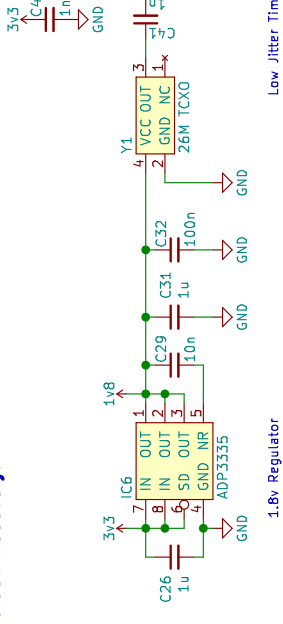


Primary Radio for Rocket TX/RX

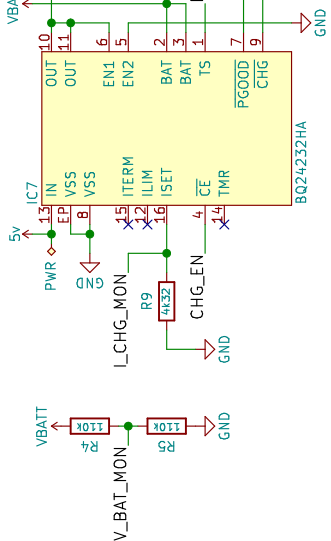
SD Card:



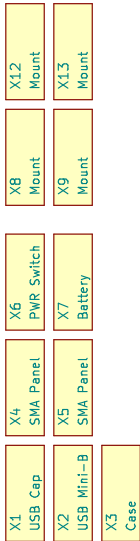
Clock Recovery:



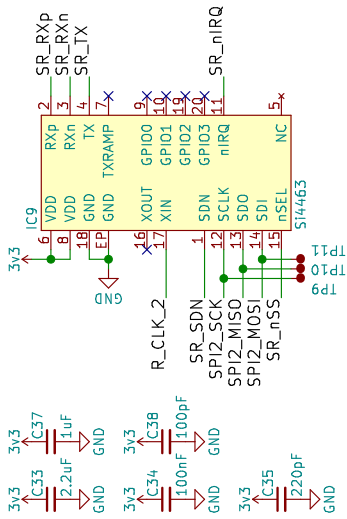
Power Supply:



External Parts:

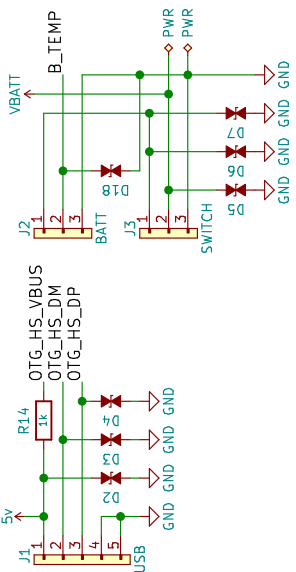


Secondary Radio:

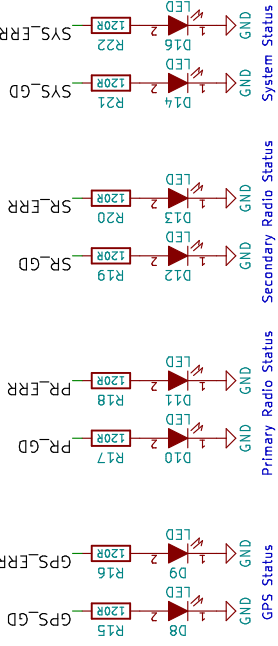


Secondary Radio for TOAD Network Telemetry

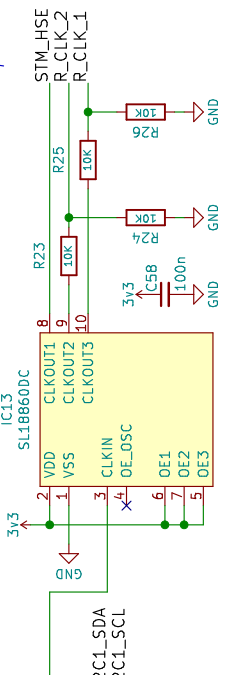
External Connectors:



Status Indication:



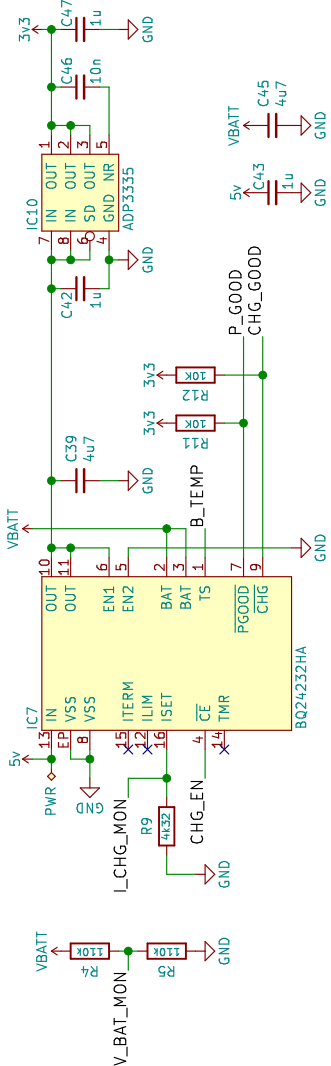
Complete



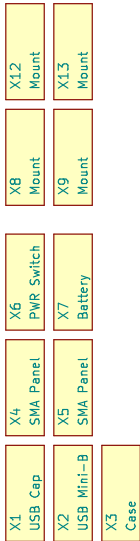
Clock Buffer



Complete



External Parts:



Matthew Coates
Cambridge University Spaceflight

Sheet: /
File: TOAD.sch
See ../documentation/RangingSpecs.pdf for further notes

Timepulse is set to 4MHz to act as the frequency reference for the system clock. PPS is set to produce 1 pulse per second in falling mode.