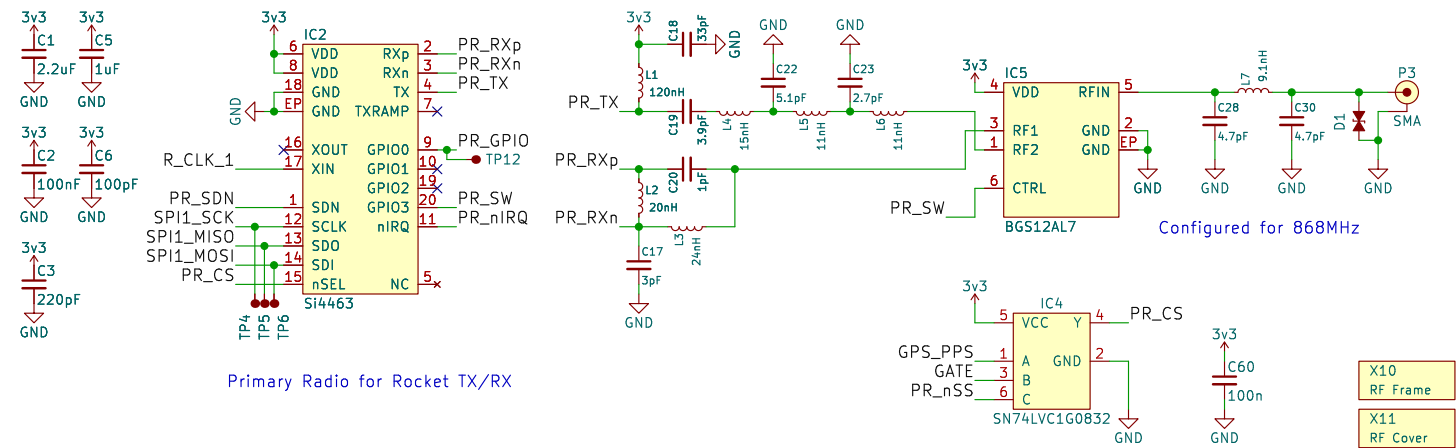
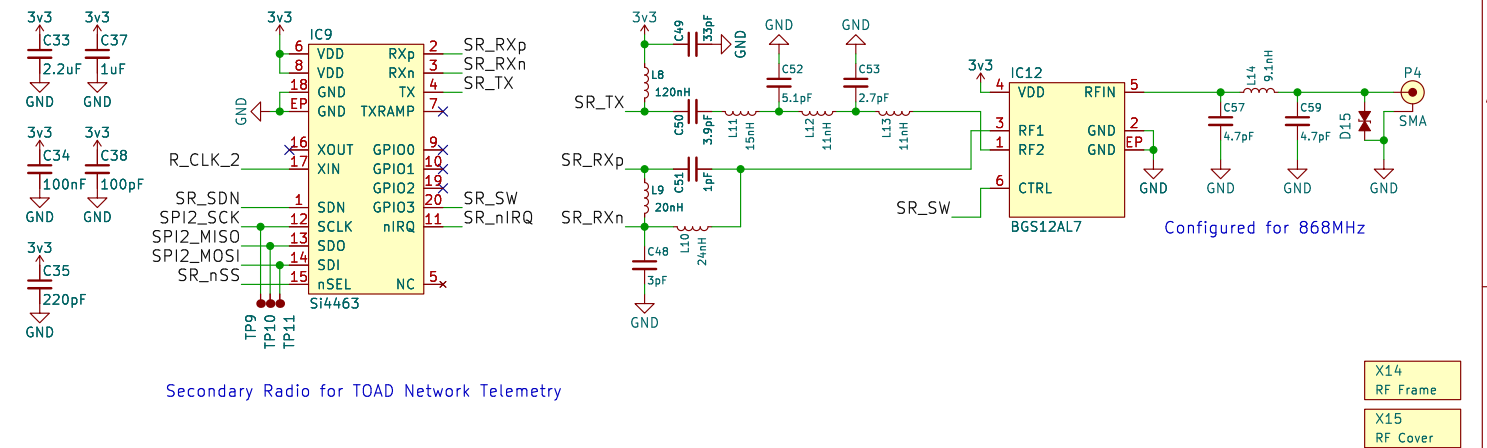


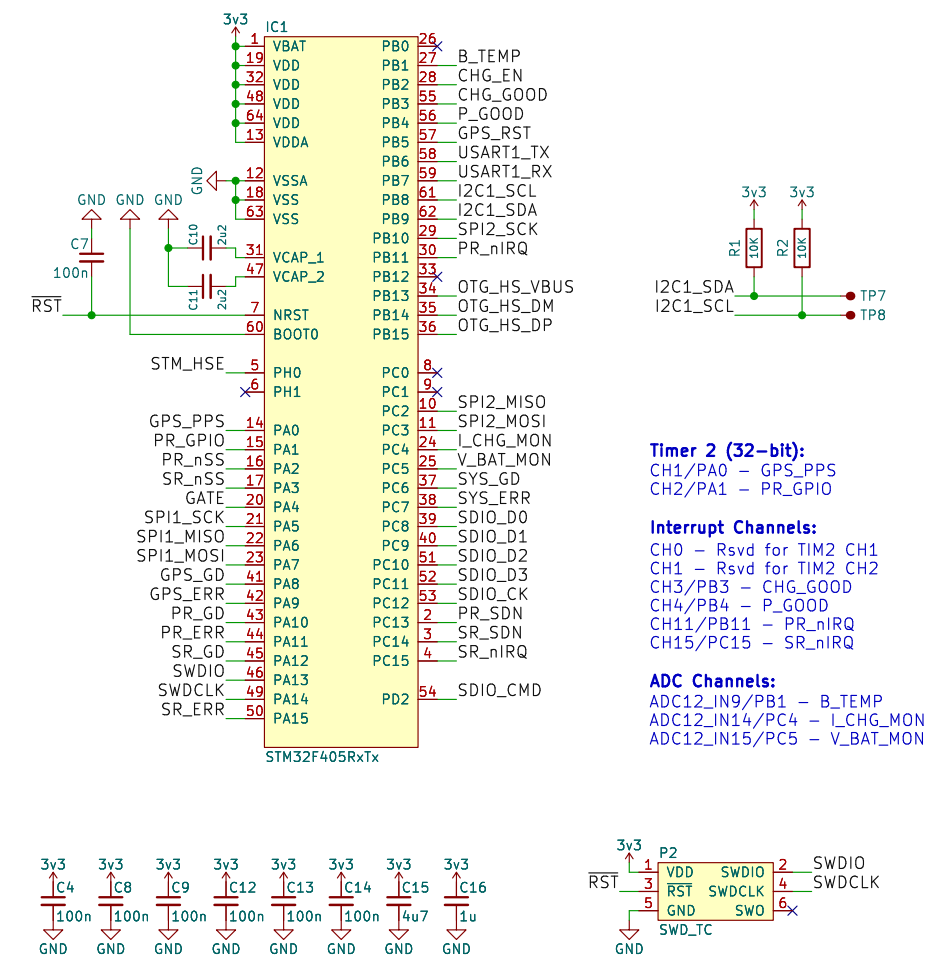
Primary Radio:



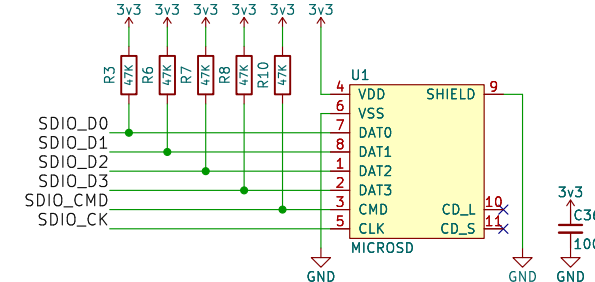
Secondary Radio:



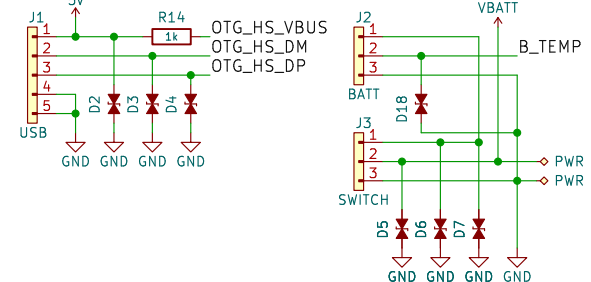
Microcontroller:



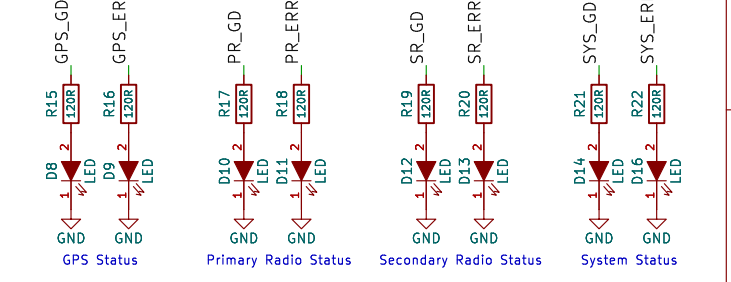
SD Card:



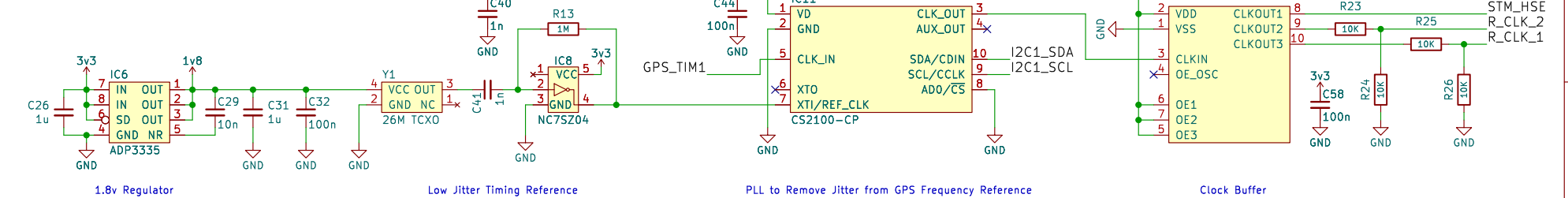
External Connectors:



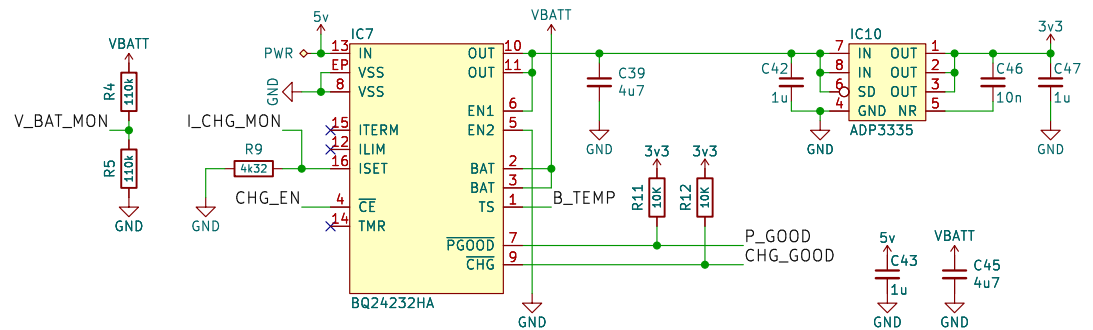
Status Indication:



Clock Recovery:



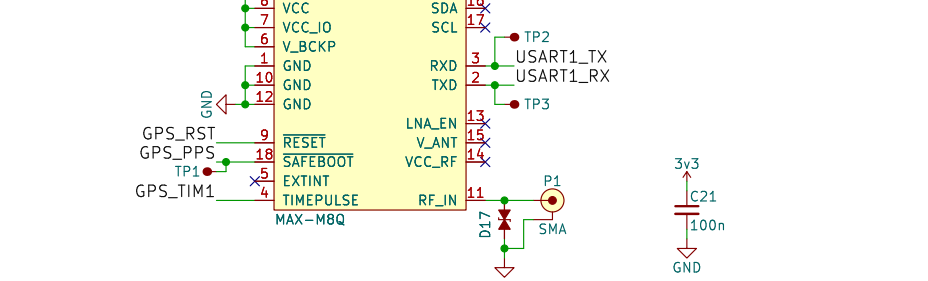
Power Supply:



External Parts:

X1 USB Cap	X4 SMA Panel	X6 PWR Switch	X8 Mount	X12 Mount
X2 USB Mini-B	X5 SMA Panel	X7 Battery	X9 Mount	X13 Mount
X3 Case				

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.

Matthew Coates		
Cambridge University Spaceflight		
Sheet: /		
File: working.kicad_sch		See ../documentation/RangingSpecs.pdf for further notes
Title: TOAD		
Size: A3	Date: 2017-01-09	Rev: 1
KiCad E.D.A.	eescema 7.0.6	Id: 1/1