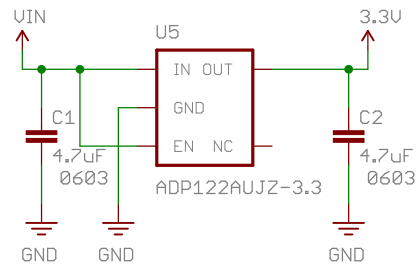
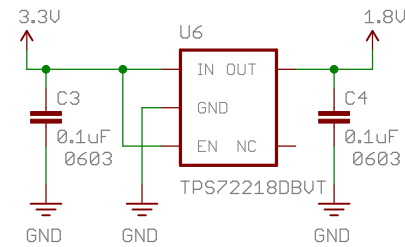


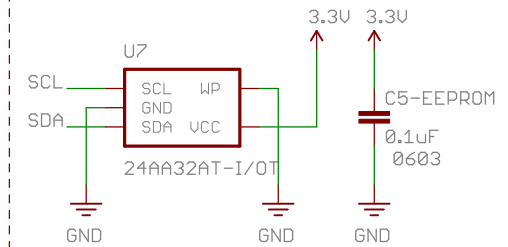
Power - 3.3V



1.8V

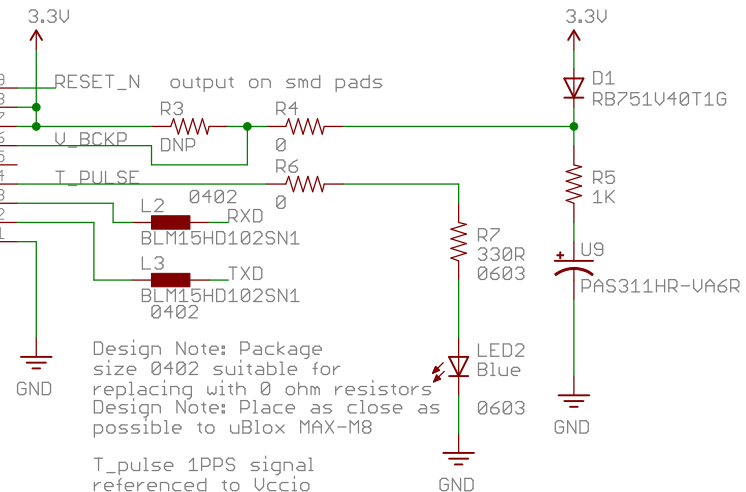
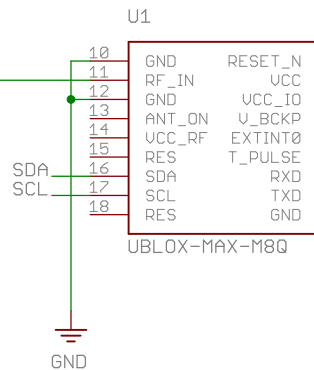
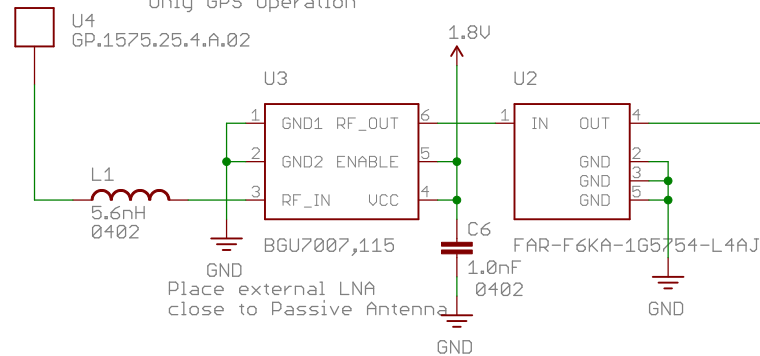


EEPROM

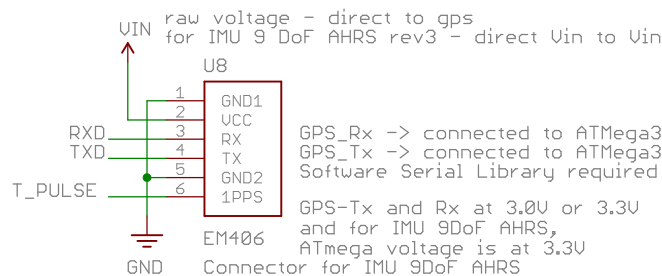
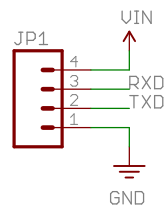


To write on SilkScreen:
Top (for user)

Design Note: For Passive antenna
leave 5-10mm space around ceramic
Only GPS Operation



Design Note: Package
size 0402 suitable for
replacing with 0 ohm resistors
Design Note: Place as close as
possible to uBlox MAX-M8
T_pulse 1PPS signal
referenced to Vccio



GPS_Rx -> connected to ATmega328 D9 @ 3.3V
GPS_Tx -> connected to ATmega328 D10 @ 3.3V
Software Serial Library required on IMU 9DoF AHRS
GPS-Tx and Rx at 3.0V or 3.3V
and for IMU 9DoF AHRS,
ATmega voltage is at 3.3V
Connector for IMU 9DoF AHRS



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Title: Explore Labs GPS Receiver ublox MAX-M8Q

Design by: Explore Labs



REV:
1

Date:19/04/16 22:46

Sheet: 1/1