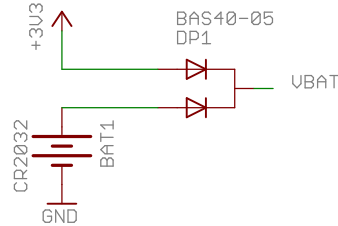
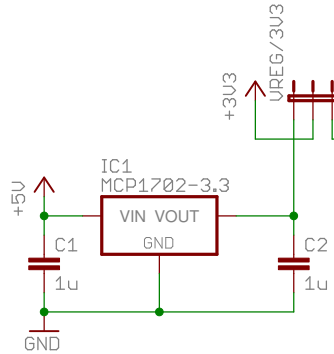


RTC battery

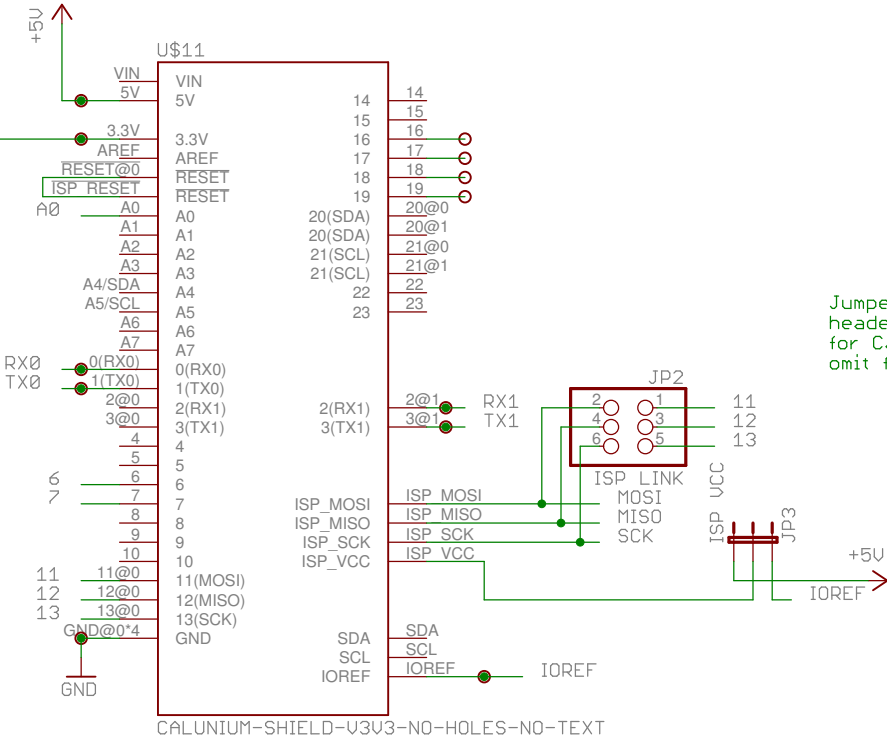


3V3 regulator

Use T0-92 package for better power dissipation.



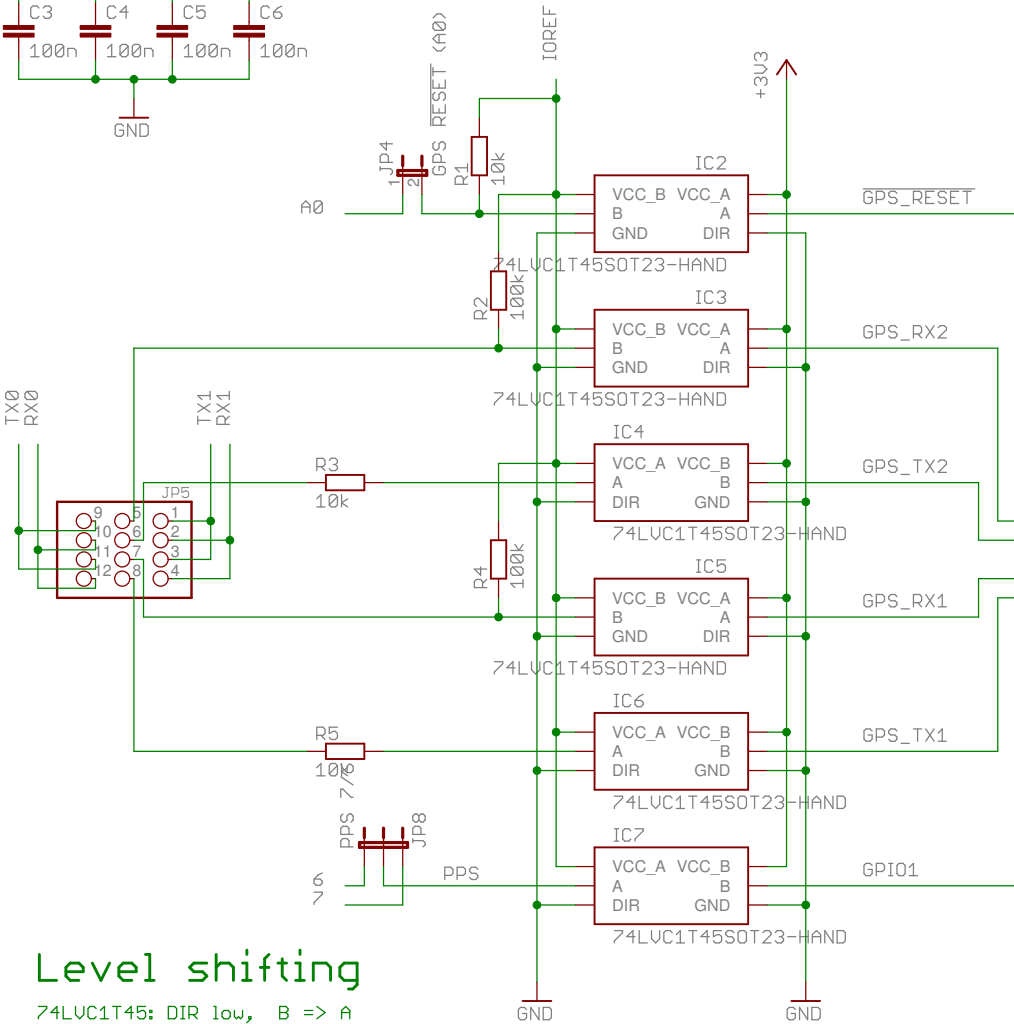
Calunium shield



Jumper block means a stacking ISP header is not needed. Fit shunts for Calunium and standare Arduino, omit for use with Arduino Mega2560.

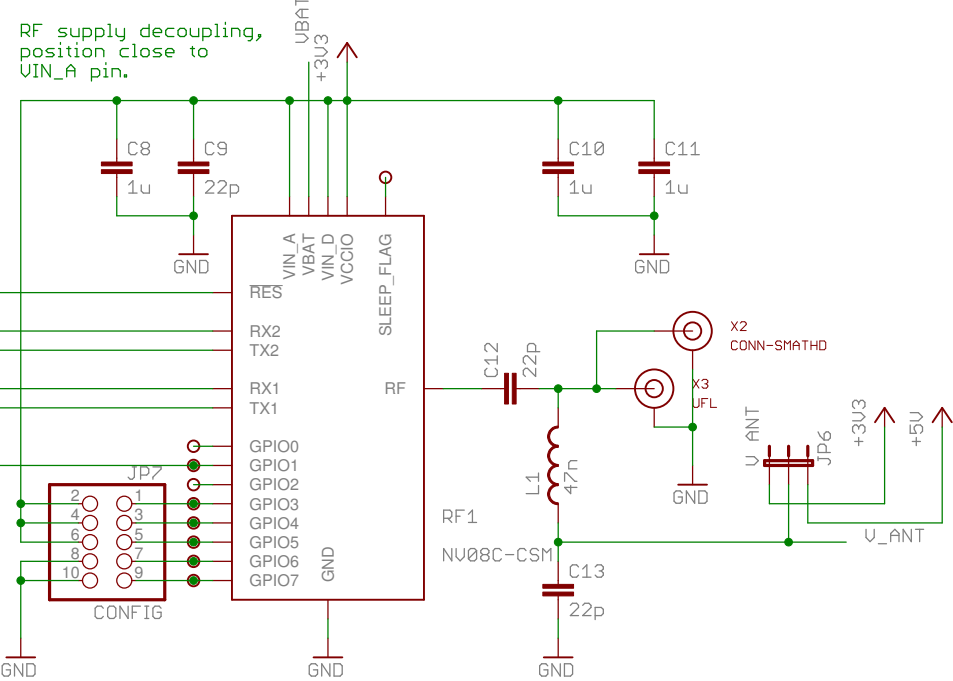
Level shifting

74LVC1T45: DIR low, B => A (B input, A output)



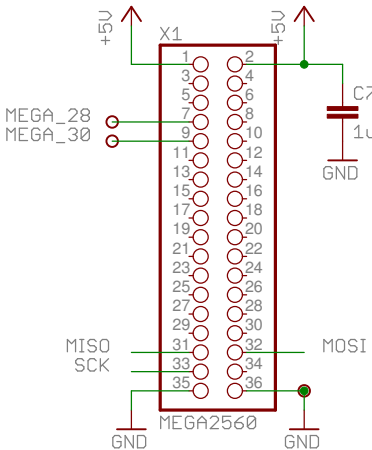
RF supply decoupling, position close to VIN\_A pin.

Fit shunts to adjust default configuration (see datasheet). Makes use of internal pull-ups and pull-downs.



Arduino Mega2560 connector

Extra connector for Arduino Mega2560 compatibility. Routes SPI/ISP interface to ISP header to allow Ethernet shield to be used.



Title: NV08C_GPS_shield	
Version: 1.0	
24/05/2014 13:52	
Drawn By: Steve Marple	1/1