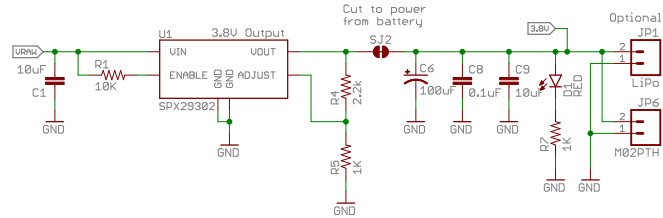
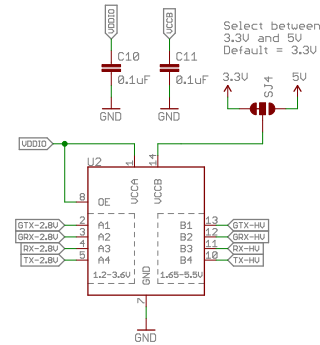


Voltage Regulator

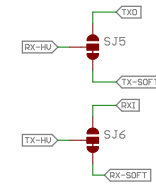


Level Shifter

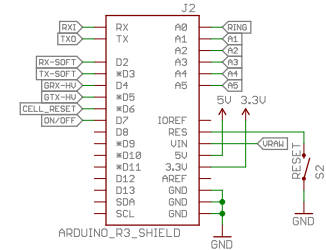


UART Select

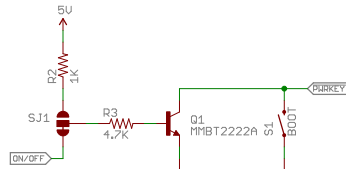
Select between hardware UART and software UART
Default = Software



Arduino Shield

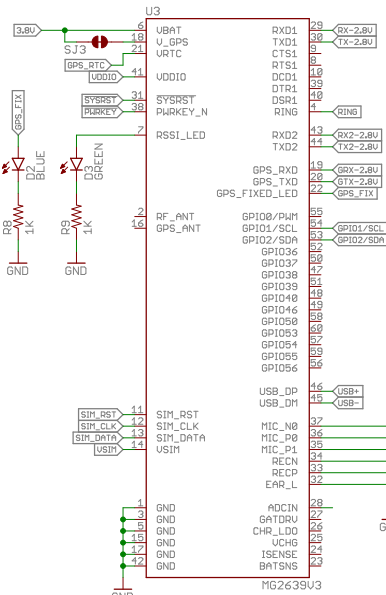


Boot Button

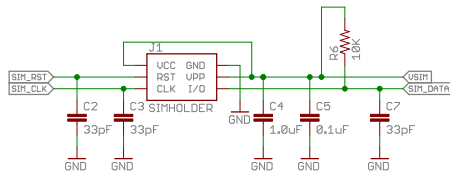


MG2639 Cellular Module

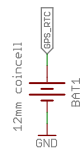
Open SJ1 to disconnect GPS power from board power.



SIM Card



GPS Battery

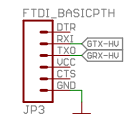


Misc. Headers

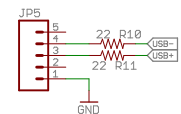
Top-left header breaks out I2C, UART2, VDDIO, GND and the cell module's reset pin.



FTDI Header to debug UART1



USB Header matches SFE micro & mini-b breakouts



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TITLE: MG2639 Cellular Shield

Design by: Nathan Seidle
Jim Lindblom

REV:
v1.0

Date: 11/3/2014 4:57:41 PM

Sheet: 1/1