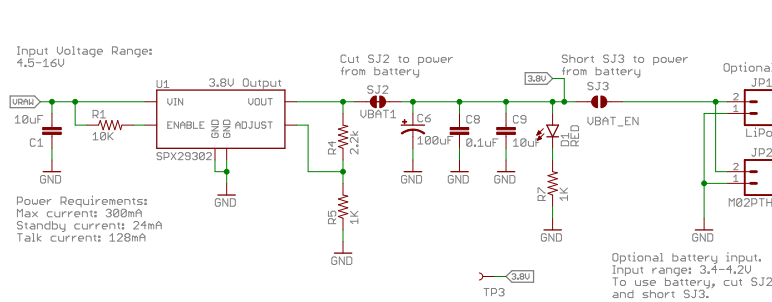
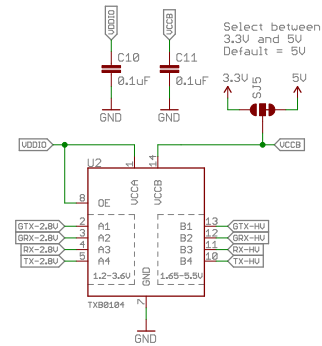


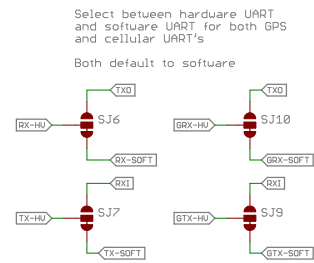
## Voltage Regulator



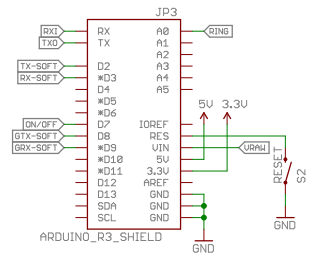
## Level Shifter



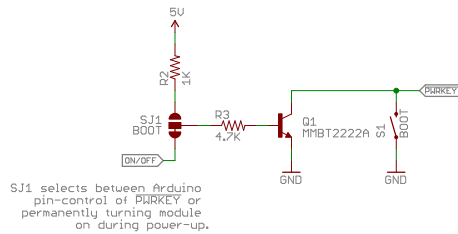
## UART Select



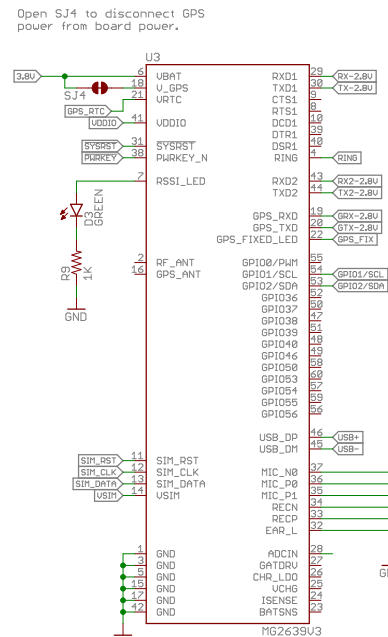
## Arduino Shield



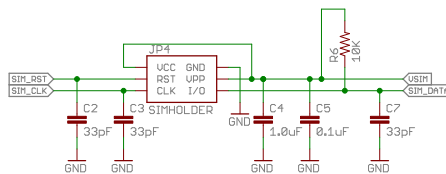
## Boot Button



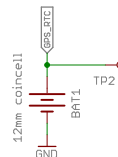
## MG2639 Cellular Module



SIM Card

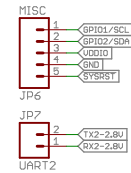
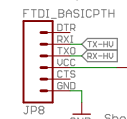


## GPS Battery

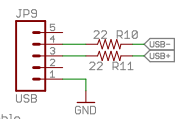


## Misc. Headers

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



Short SJ8 to enable FTDI VCC to power high-side of level shifter.



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TITLE: MG2639 Cellular Shield

Design by: Nathan Seidle  
Jim Lindblom

REV:  
v11

Date: not saved!

Sheet: 1/1