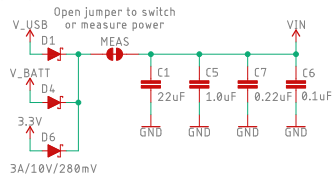
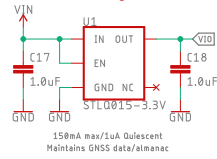


Power is provided primarily by the Qwiic connector at 3.3V. Power can also be supplied by USB or by a LiPo Battery (3.7V).

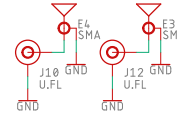
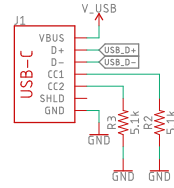
Voltage Selection



VIO Regulator

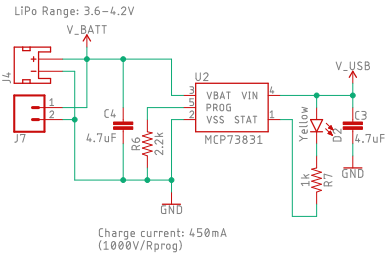


USB

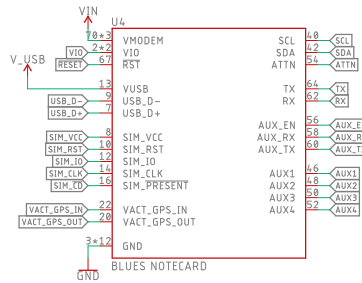
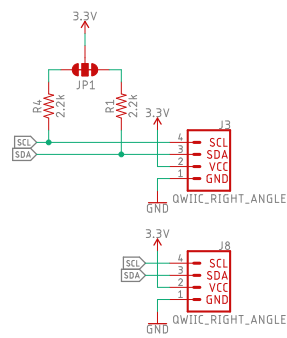


Microstrip Calculation:
 Copper Thickness (1oz): 1.4mil/0.035mm
 Board thickness: 1.6mm
 Dielectric thickness: 1.53mm
 Er: 4.5
 Polygon Isolation: 4mil/0.1016mm
 RF Trace Width: 29.1mil/0.74mm
<https://www.ti.com/tool/trace-calculation-example-with-ground-calculator>

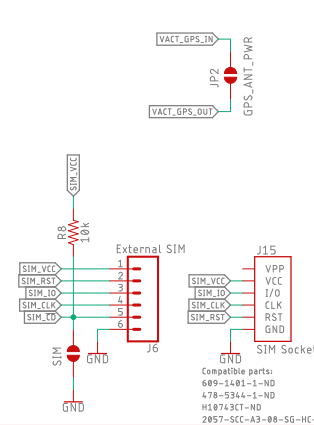
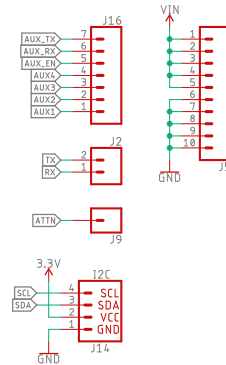
LiPo Charger



Qwiic



Peripheral and Pin Connections



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TITLE: Qwiic-Cellular-Notepad

Design by: N. Seidle

REV: x02

Date: 6/21/2021 9:37 AM

Sheet: 1/1