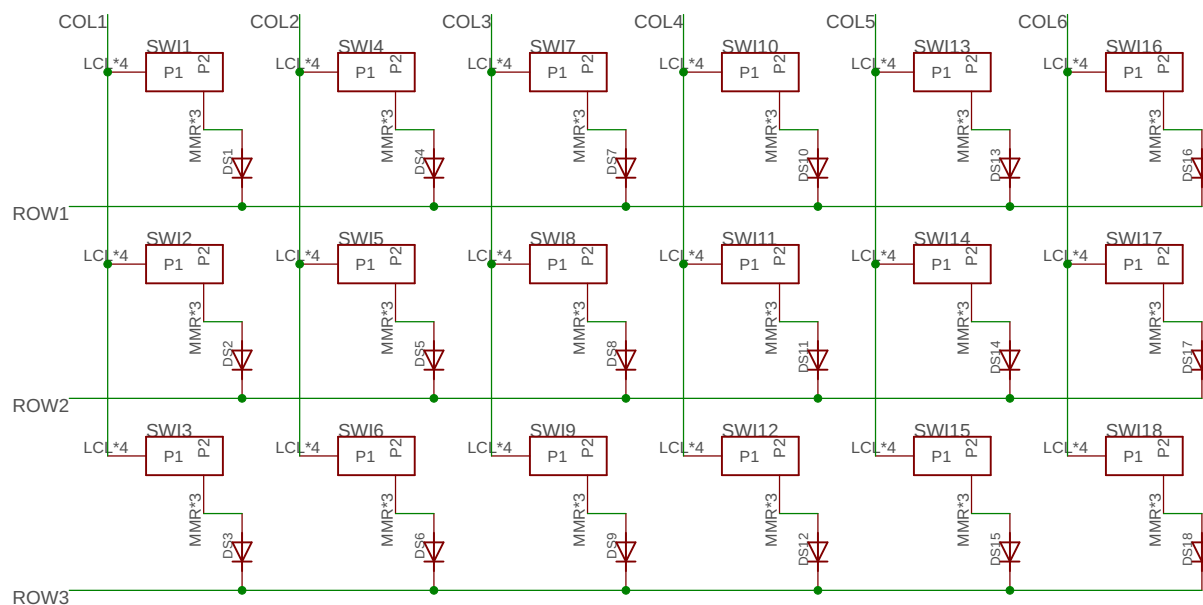
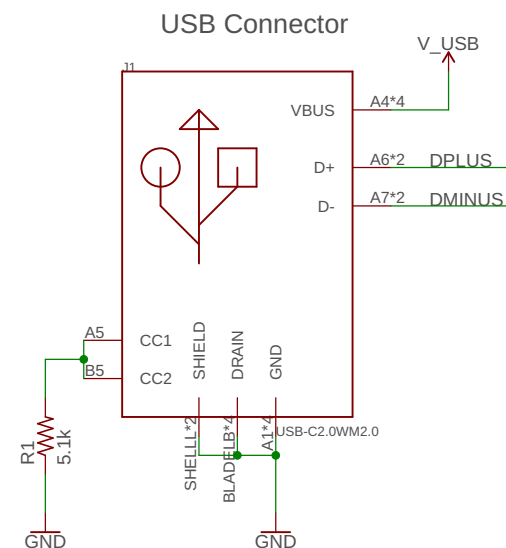


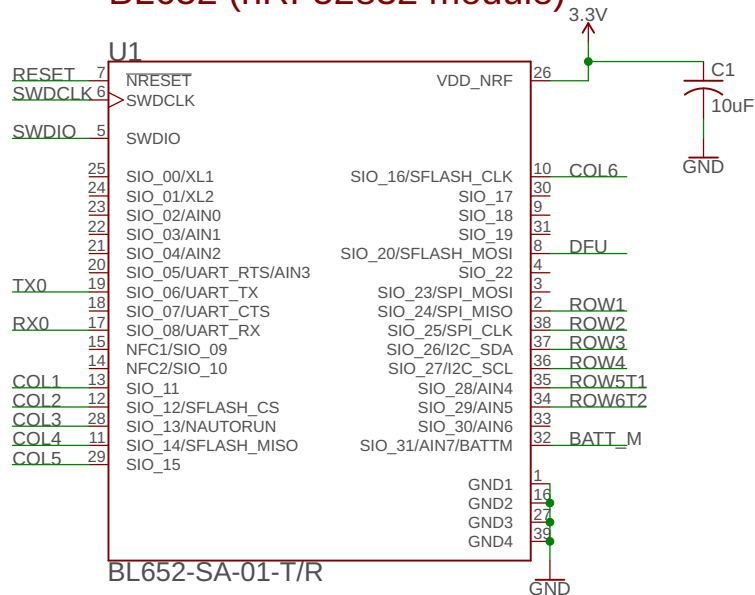
Matrix of Keys



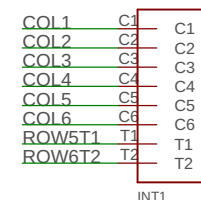
External Connections



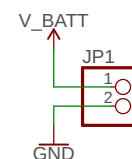
BL652 (nRF52832 module)



Thumb Key Expansion Header



Battery Connector



plus12BLE

Mainland

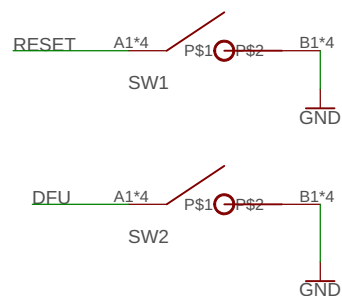
11/1/18 10:33 PM

Sheet: 1/2

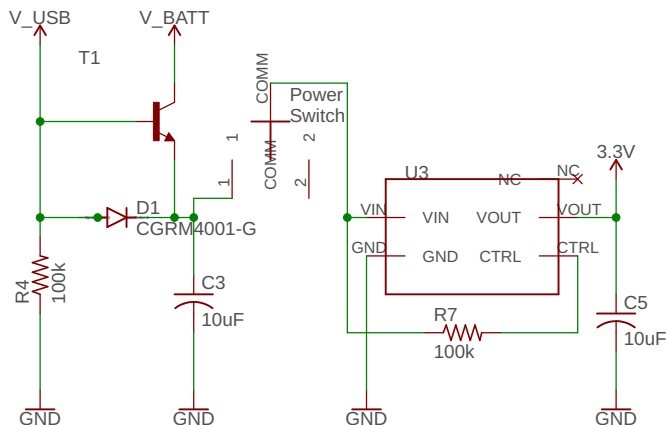
Josh DeWitt

Rev: RevA

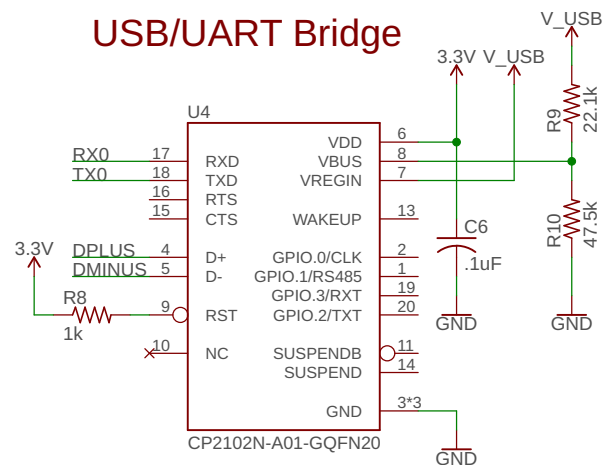
Resets



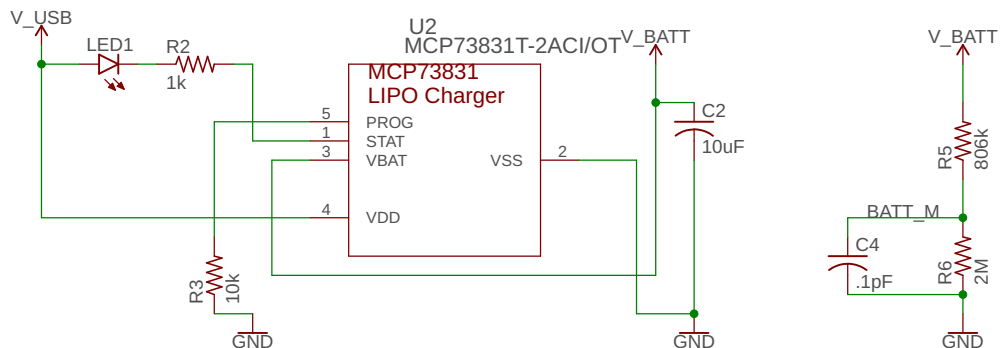
Power and Filtering



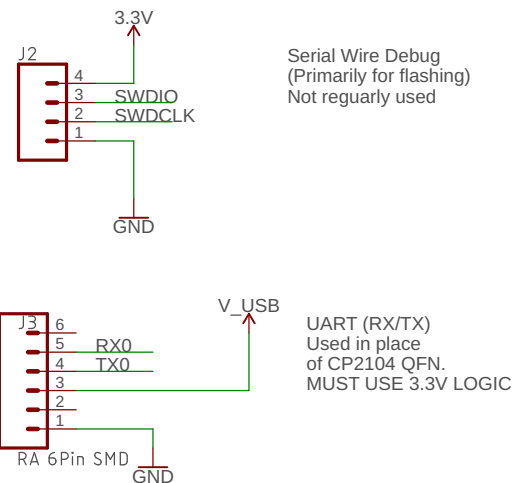
USB/UART Bridge



Battery Charging and monitoring



Debug/Flash Connectors



Serial Wire Debug
(Primarily for flashing)
Not regularly used

UART (RX/TX)
Used in place
of CP2104 QFN.
MUST USE 3.3V LOGIC

Can also charge through V_USB
and GND on this header

plus12BLE

Mainland

11/1/18 10:33 PM

Josh DeWitt

Sheet: 2/2

Rev: RevA