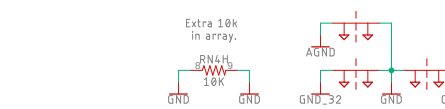
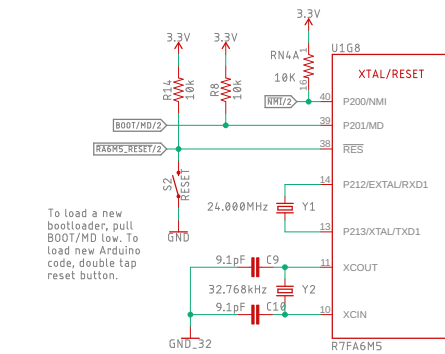
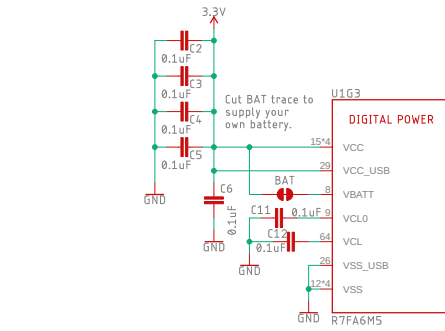
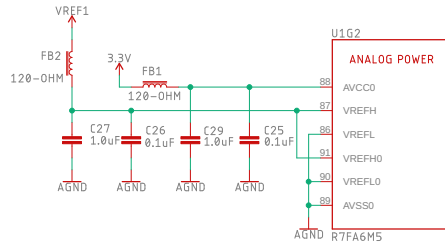
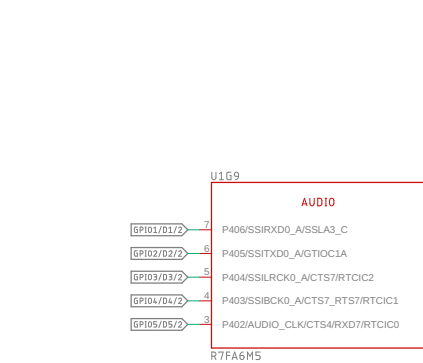
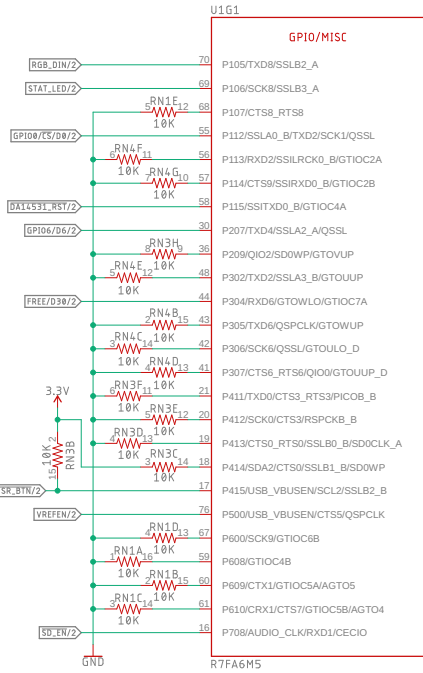
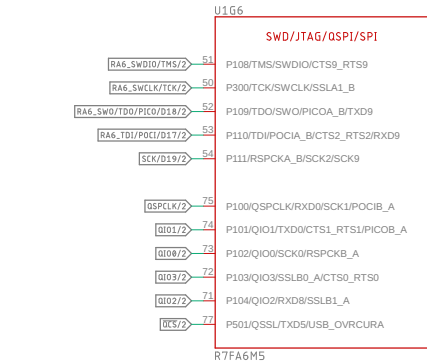
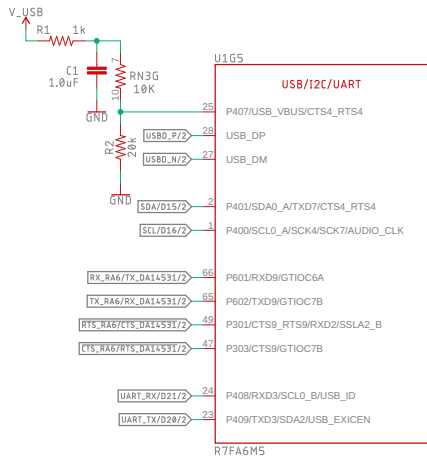
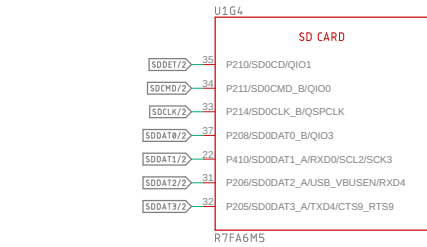
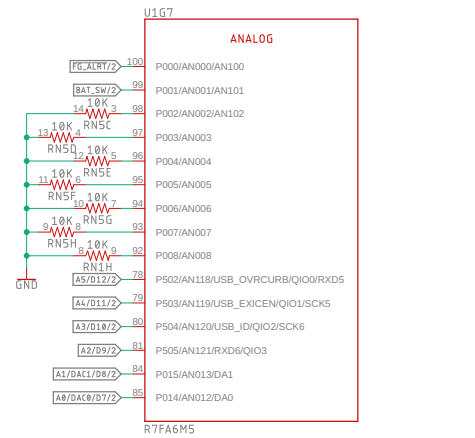
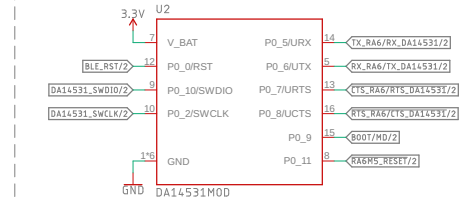


RA6M5 Processor



DA14531MOD BLE Module



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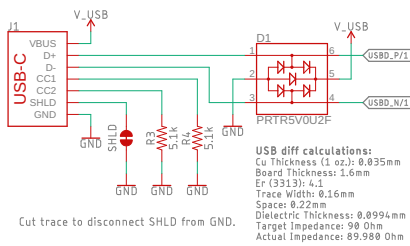
Design by: Alex Brudner

Date: 3/27/2024 9:31 AM

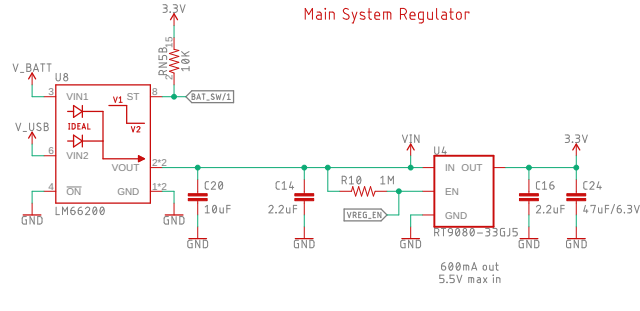
REV: v10

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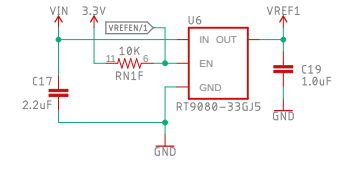
USB-C Input



Main System Regulator



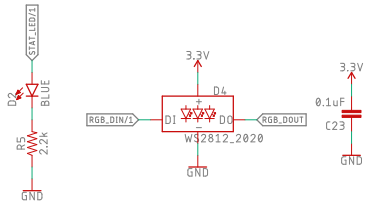
3.3V Voltage Reference



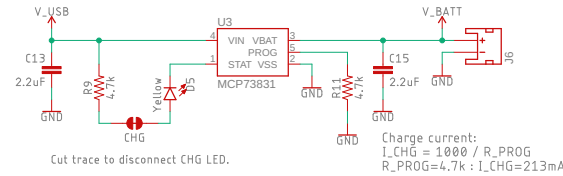
Test Points

- RGB_DOUT / TP1
- VREFEN / TP2
- BLE_RST / TP3
- AVCC0 / TP4
- TX_RA6/RX_DA14531 / TP5
- RX_RA6/TX_DA14531 / TP6
- CTS_RA6/RIS_DA14531 / TP7
- RIS_RA6/CTS_DA14531 / TP8
- NR1 / TP9
- BOOT/MD / TP10

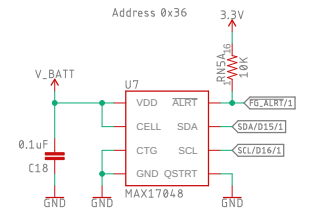
LEDs



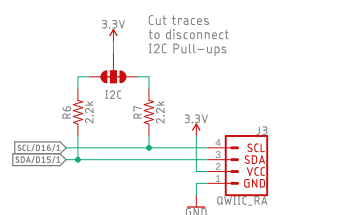
Battery Charger



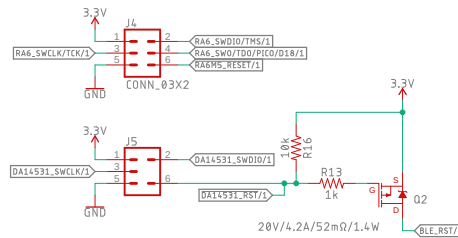
Fuel Gauge



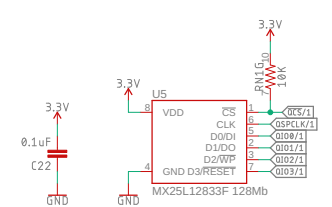
Qwiic Connector



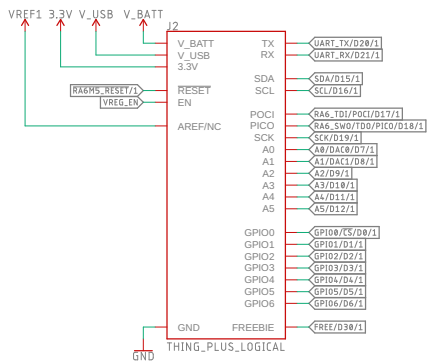
SWD Programming Ports



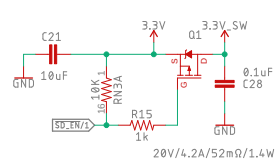
NOR QSPI Flash



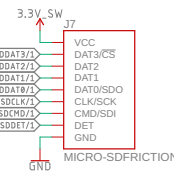
Thing Plus Form Factor



SD Card Power Switch



SD Card



User Button



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