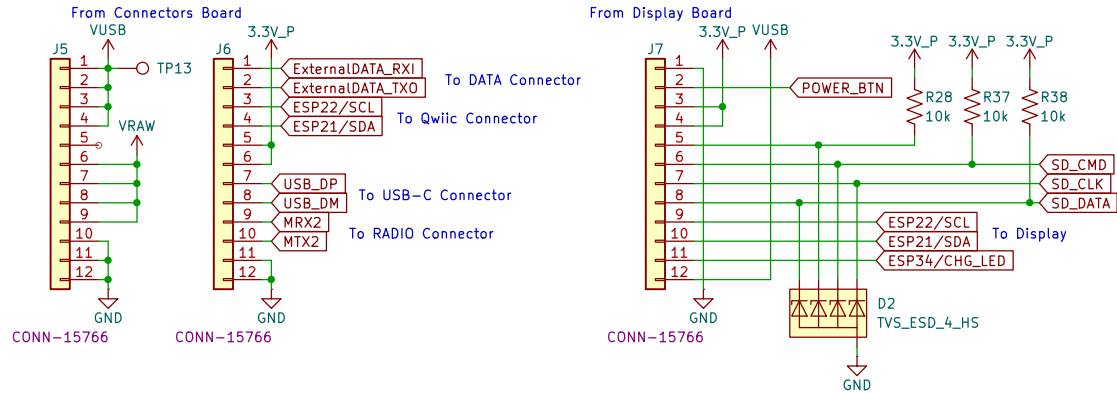
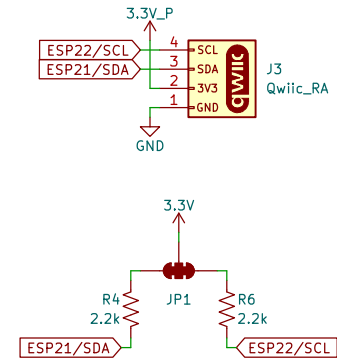


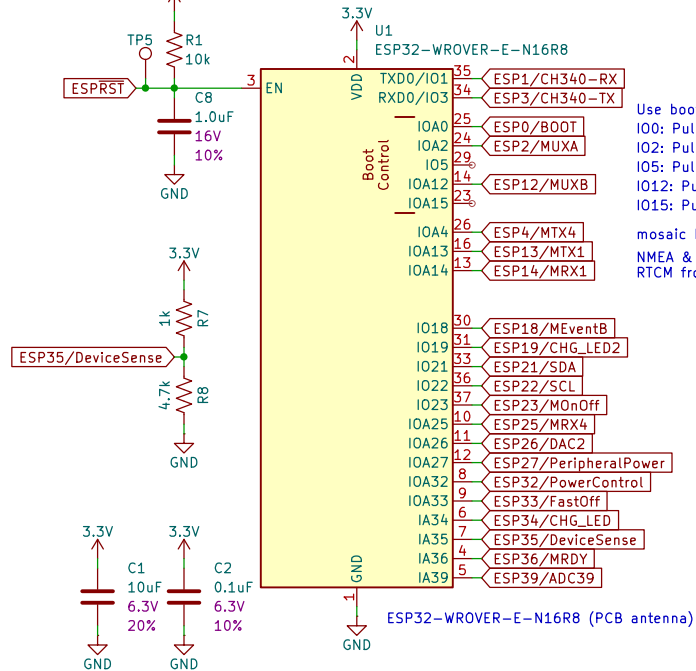
Connectors



Qwiic I²C



ESP32-WROVER



Use boot control pins with caution: 0, 2, 5, 12, 15
 IO0: Pull-up at boot. Can be used as a stat LED.
 IO2: Pull-down at boot. Boot mode.
 IO5: Pull-up at boot. SDIO timing.
 IO12: Pull-down at boot. LDO voltage.
 IO15: Pull-up. TX0 debug active.

mosaic L_Band (SPARTN) for PPL
 NMEA & RTCM from mosaic for Bluetooth and PPL
 RTCM from PPL

GNSS
 File: GNSS.kicad_sch
 USB
 File: USB.kicad_sch
 Power
 File: Power.kicad_sch



sparkfun

Designed by: N.S. & P.C.

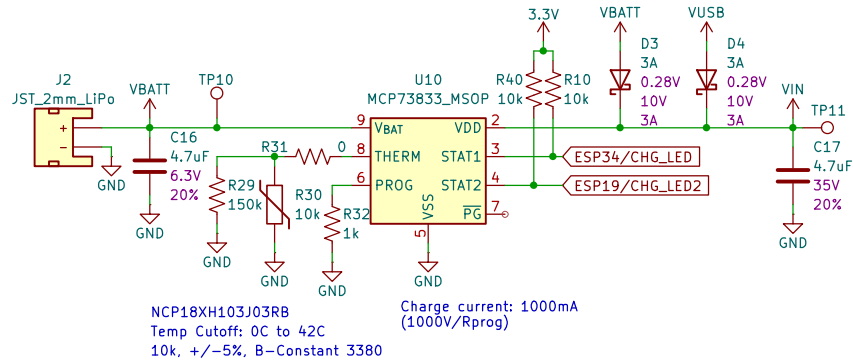
Sheet: /
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Title: RTK Facet L-Band mosaic

Size: USLetter Date: 2024-05-02
 KiCad E.D.A. 8.0.2

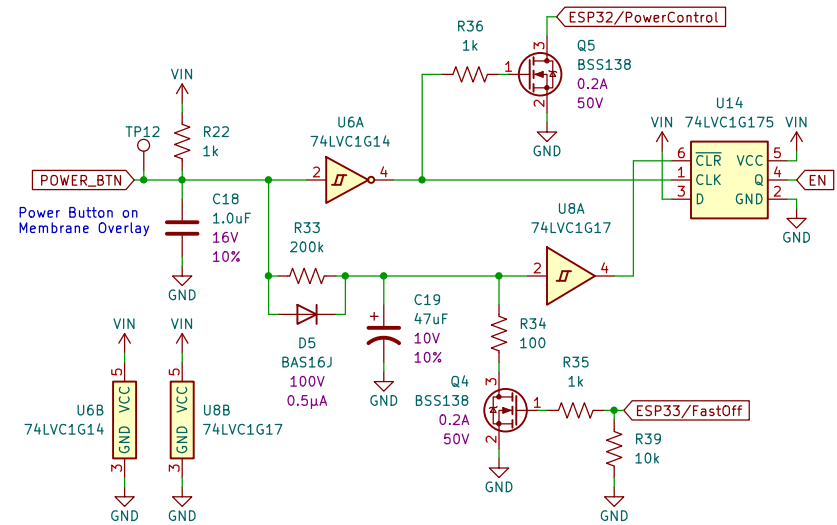
Rev: v11
 Id: 1/4

LiPo Charger

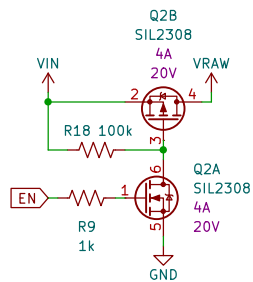


Soft Power Switch

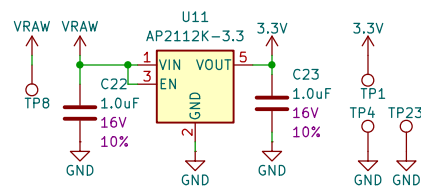
Based on:
<https://www.ti.com/lit/pdf/scea048>



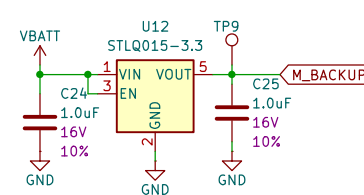
High Side Switch



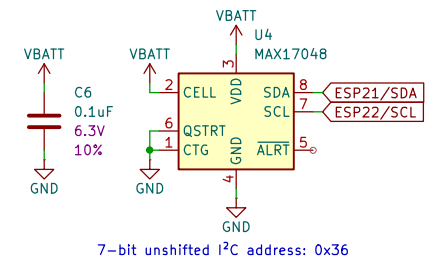
Main 3.3V



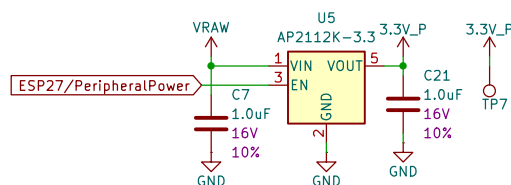
GNSS RTC Backup



Fuel Gauge



Peripheral 3.3V



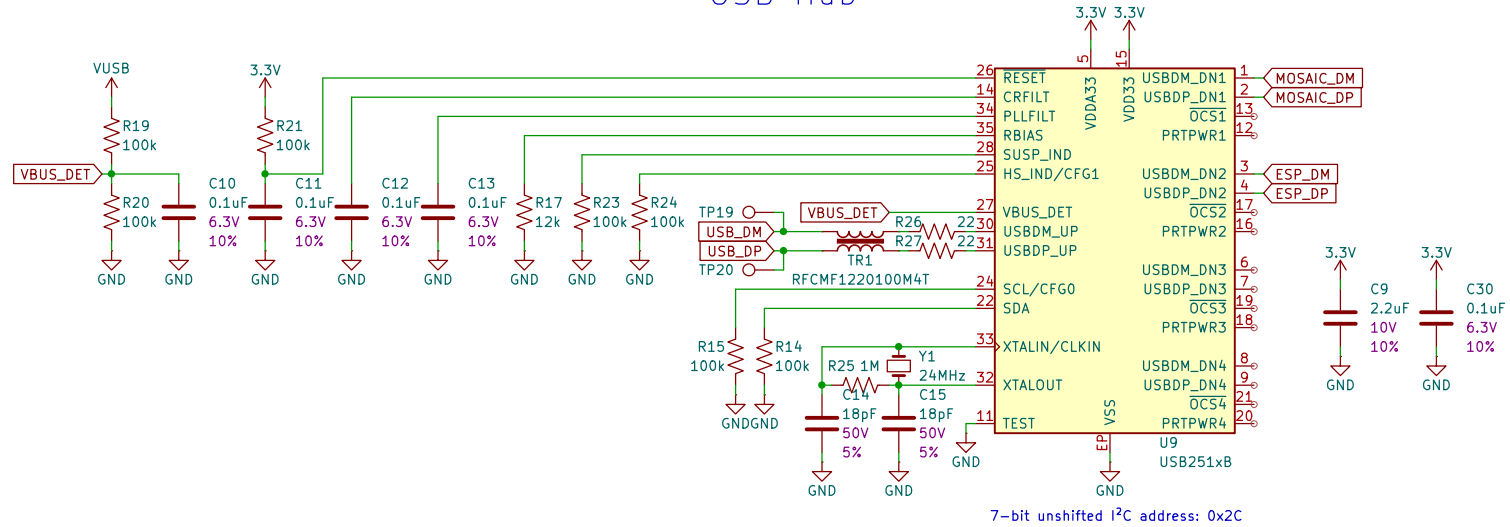
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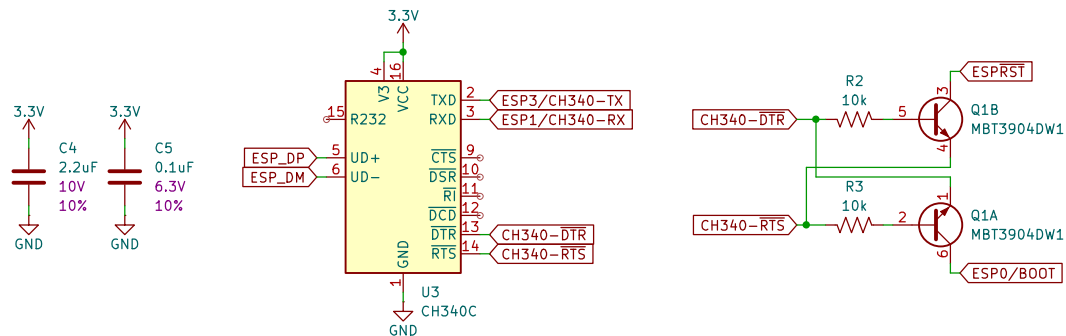
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Rev:
Id: 2/4

USB Hub



ESP32 USB to Serial



Sheet: /USB/
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Title:

Size: USLetter Date:
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Rev:
Id: 3/4

