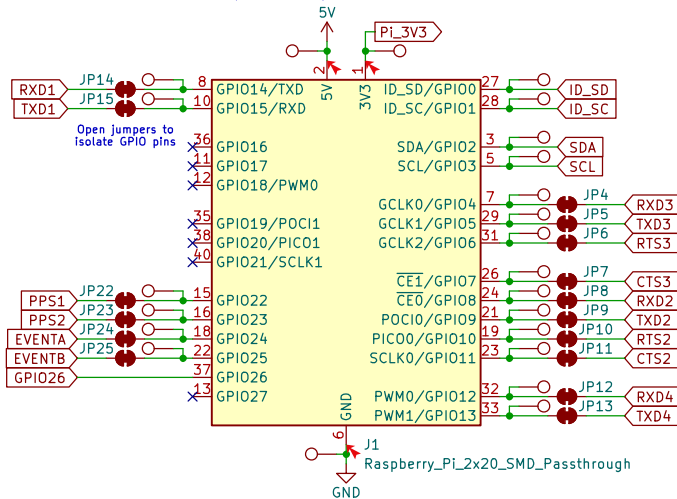
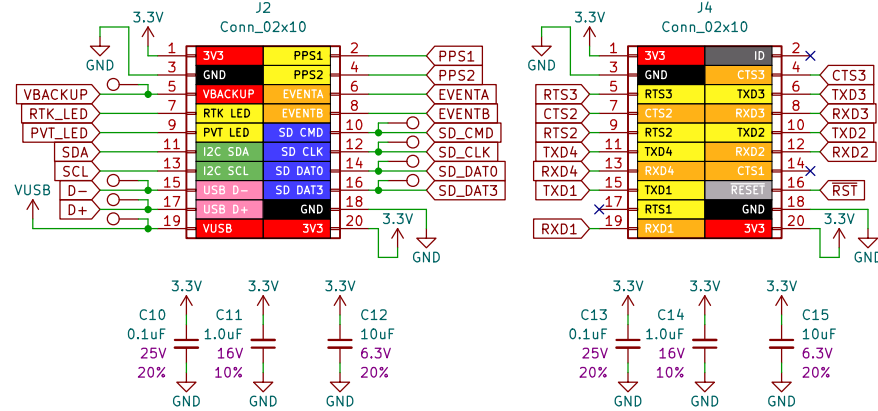


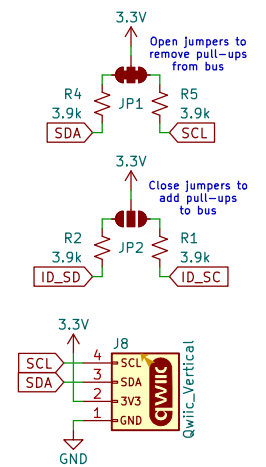
Raspberry Pi GPIO



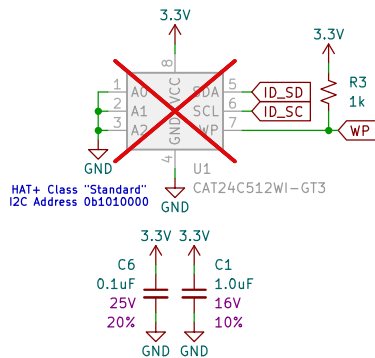
GNSS Plug-In Module



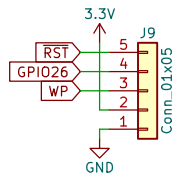
I²C



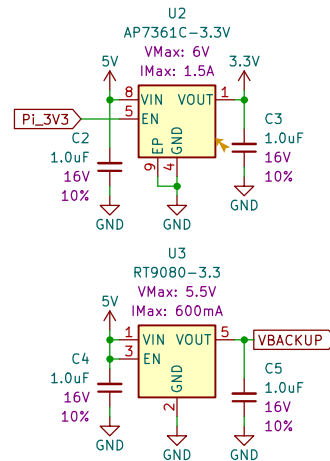
ID EEPROM



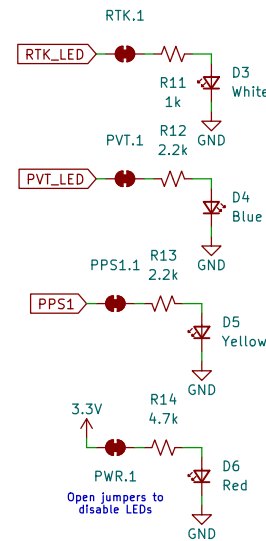
Test Points



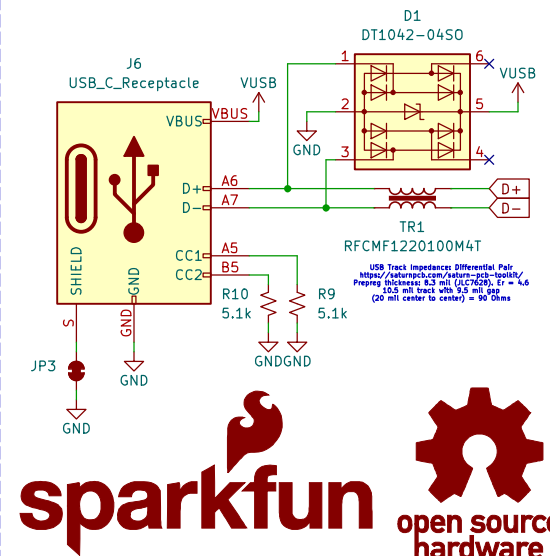
Voltage Regulation



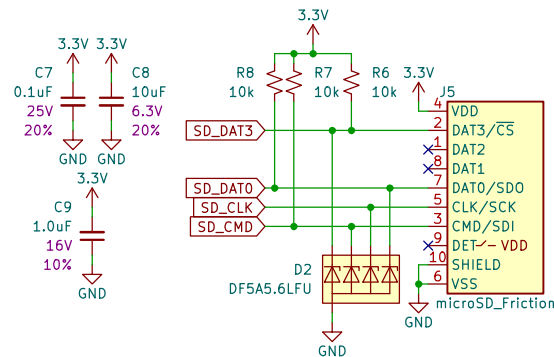
LEDs



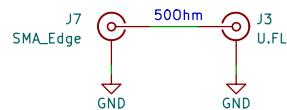
USB-C



microSD



Antenna



Microstrip Calculation:
Copper Thickness (oz): 1.4mil/0.035mm
Board thickness: 1.6mm
Dielectric thickness (Layer 1 to 2): 0.2mm
Er: 4.6
Polymer isolation: 6mil/0.1524mm
RF Trace Width: 13mil/0.33mm
https://chemandy.com/calculators/coplanar-waveguide-with-ground-calculator.htm

sparkfun open source hardware

Designed by: P.C.
SparkFun Electronics
Sheet: /
File: SparkFun_GNSS_pHAT.kicad_sch

Title: SparkFun GNSS Flex pHAT

Size: USLetter Date: 2025-03-20

KiCad E.D.A. 8.0.7

Rev: v10

Id: 1/1