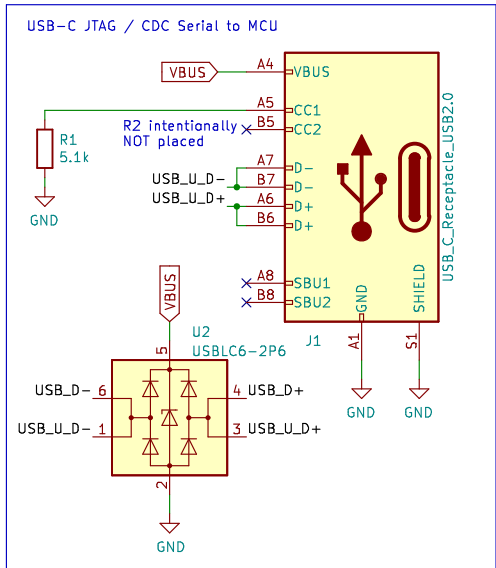
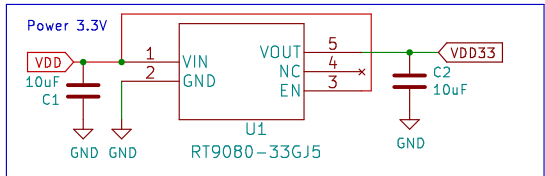
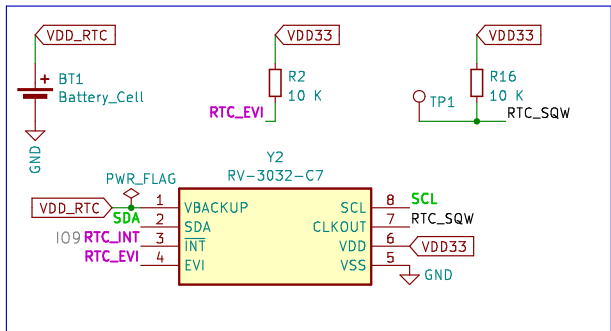
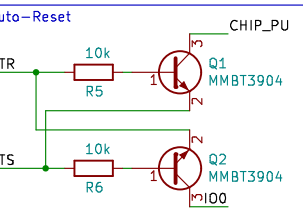
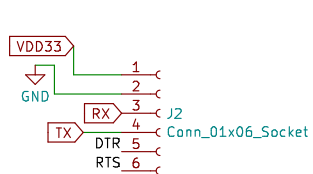


ESP32-S3 VCC range: 2.8–3.6 V

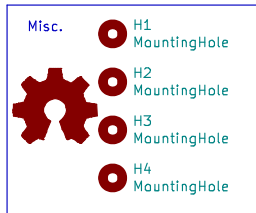
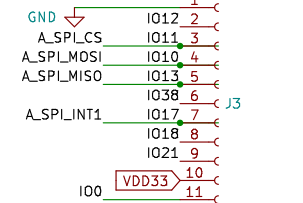
DS3231 Real time clock via I2C



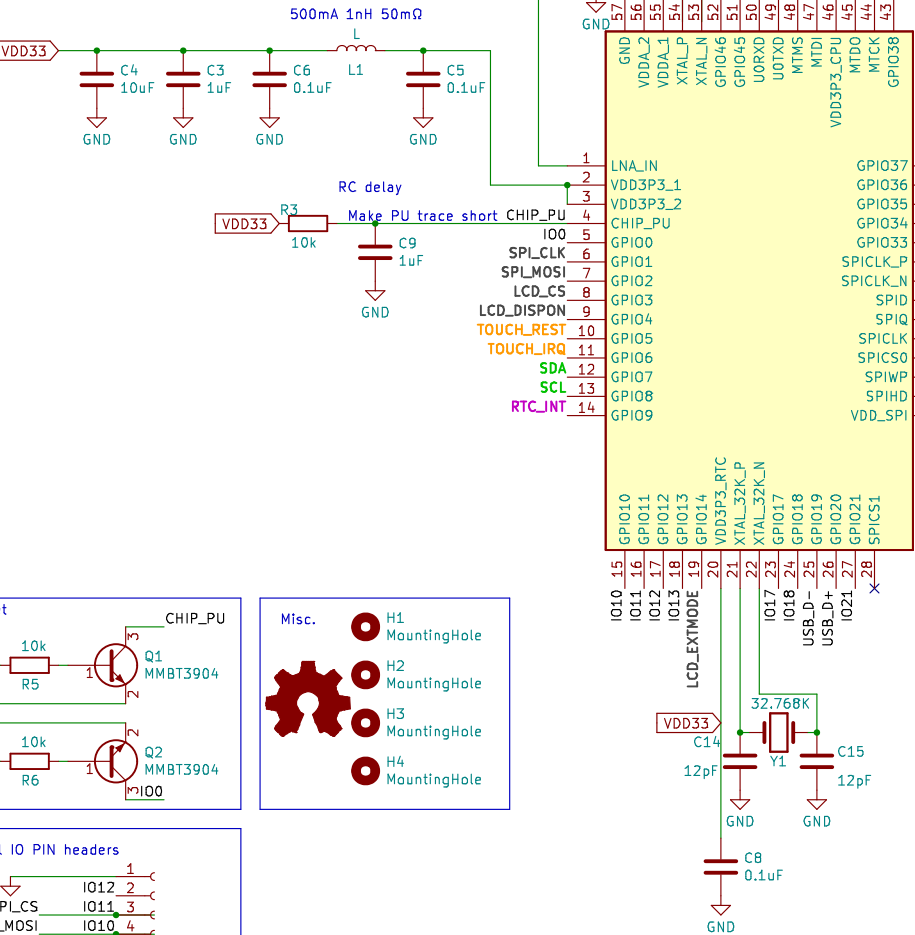
External UART headers



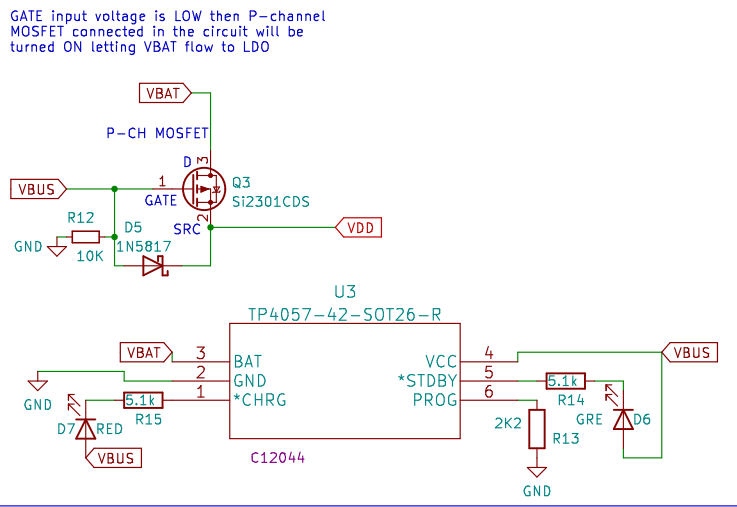
External IO PIN headers



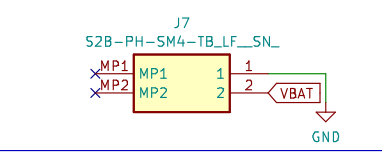
Accelerometer, SPI by default or I2C soldering two bridges



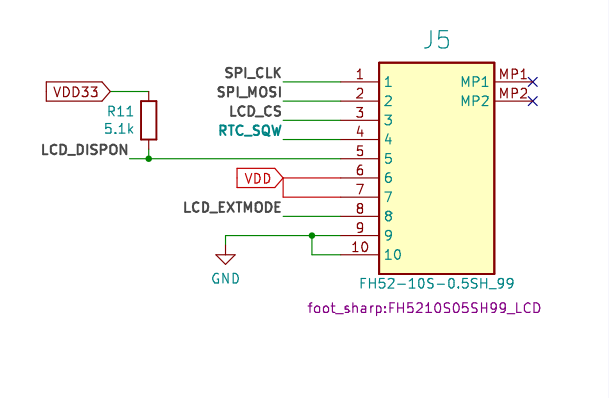
Charge and power management



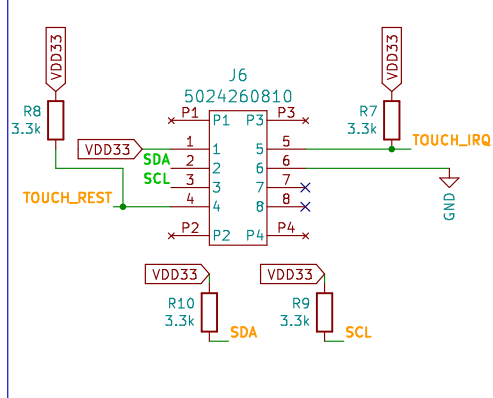
Battery jack



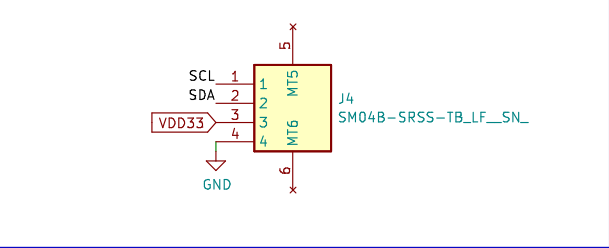
10 FPC SHARP LCD connector



MOLEX ATMEL TOUCH CONNECTOR 8 PINS



QWIIIC I2C Connector



The goal is to make a version with a smaller footprint and minimal components.
NOT ready / NOT tested | Do NOT send to fabrication

FASANI CORP.

Sheet: /
File: S3-silicon-Sharp-Touch.kicad_sch

Title: Bare metal S3 SoC Module for Sharp MXTouch144

Size: A3 Date: Rev: 1.0.0
KiCad E.D.A. kicad 7.0.11-7.0.11-ubuntu22.04.1 Id: 1/1