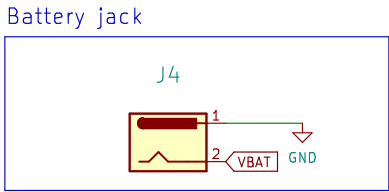
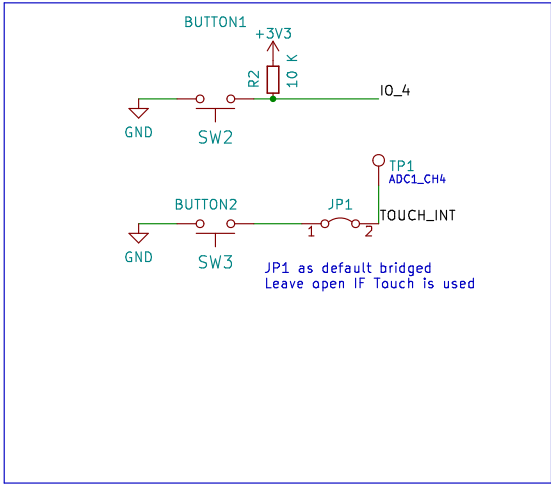


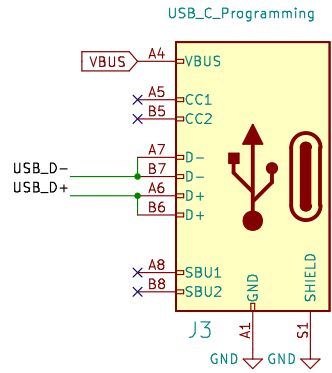
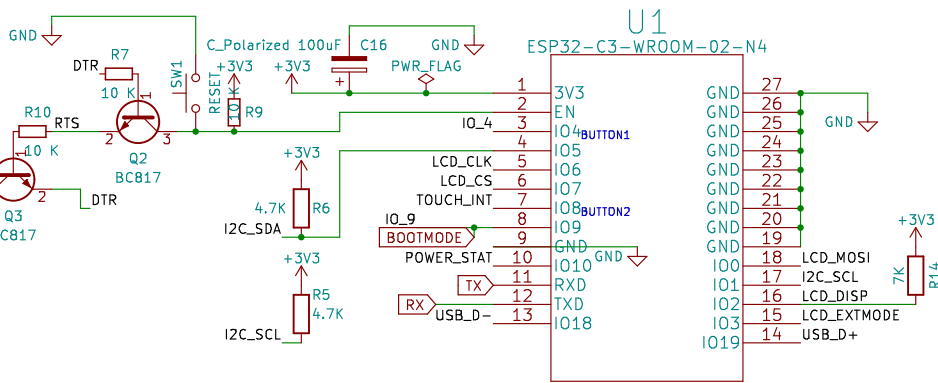
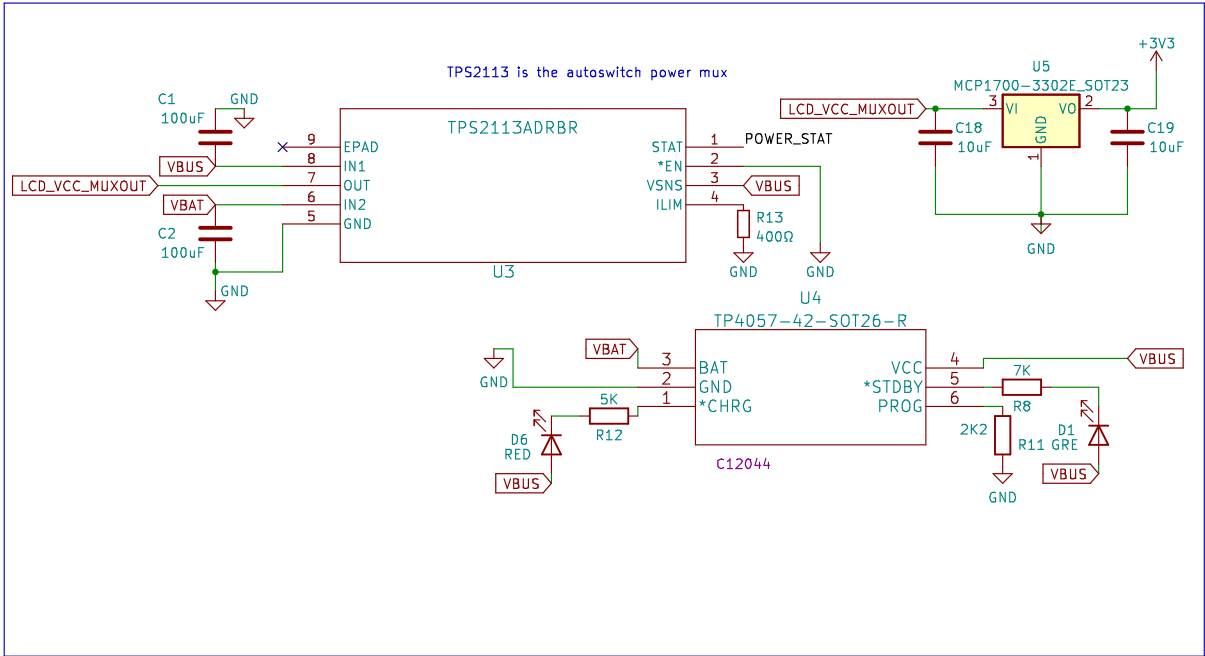
LCD pinout:

Sharp Memory Display Connector as detailed in Datasheet
https://cdn.sparkfun.com/assets/d/e/8/9/7/LS013B7DH03_datasheet.pdf

| Pin | Function | Notes |
|-----|----------|---|
| 1 | SCLK | Serial Clock |
| 2 | MOSI | Serial Data Input |
| 3 | CS | Serial Chip Select |
| 4 | EXTCOMIN | External COM Inversion Signal <- Fed by RTC_SQW |
| 5 | DISP | Display On(High)/Off(Low) |
| 6 | VDDA | Analog power supply |
| 7 | VDD | Digital 3.3-5.0V (into LDO supply) |
| 8 | EXTMODE | COM Inversion Select (Low = SW clock/serial) |
| 9 | GND | |
| 10 | VSSA | -> GND |



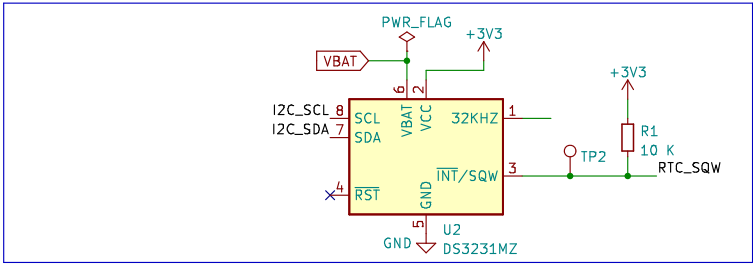
Charge and power management



ADC1_CH4 = IO4
Just offered like Touch Point TP1

IMPORTANT: This PCB does not have UART Chip.
USB just connects to the IOs specified in C3-mini datasheet
for USB_D- (18) and USB_D+ (19)
TOUCH_INT IO8 needs to be pulled-high during boot to enter
download mode and be able to program the MCU

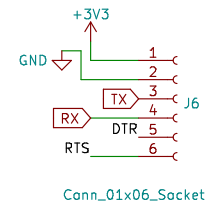
DS3231 Real time clock via I2C



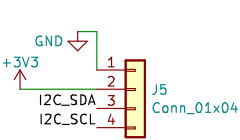
TO-DOs for Release 1.1

Thanks to Larry @bitbank2 for testing this PCB!
Pending TO-DO list

UART Ext. Connector



QWIIC I2C Connector



- H1 MountingHole
- H2 MountingHole
- H3 MountingHole
- H4 MountingHole