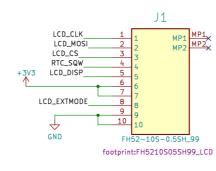
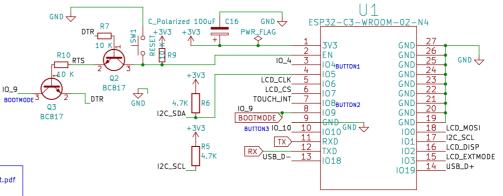


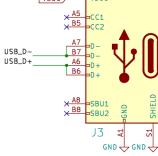
## 10 FPC LCD connector





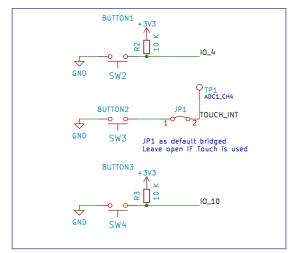


USB\_C\_Programming



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 IOB needs to be pulled-high during boot to enter
download mode and be able to program the MCU

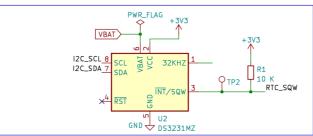


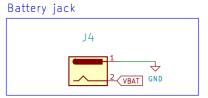


Notes

Serial Clock
Serial Data Input
Serial Chip Select
External COM Inversion Signal <- Fed by RTC\_SQW
Display On(High)/Off(Low)
3.37 out
3.3-5.0V (into LDO supply)
COM Inversion Select (Low = SW clock/serial) 

## DS3231 Real time clock via I2C





O H1 MountingHole

MountingHole
H2 Not included in PCB (no space)
MountingHole
H3
MountingHole

## UART CONNECTION



Conn\_01x06\_Socket

Charge and power management

