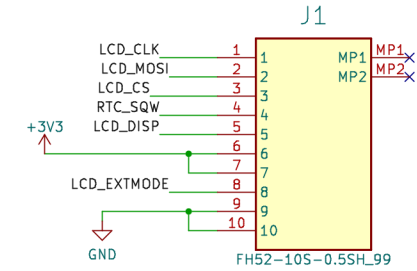
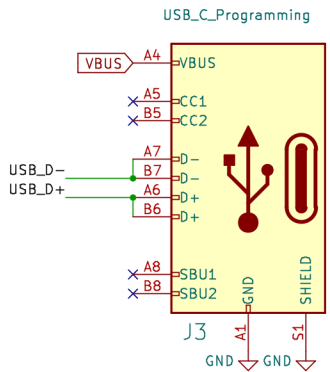
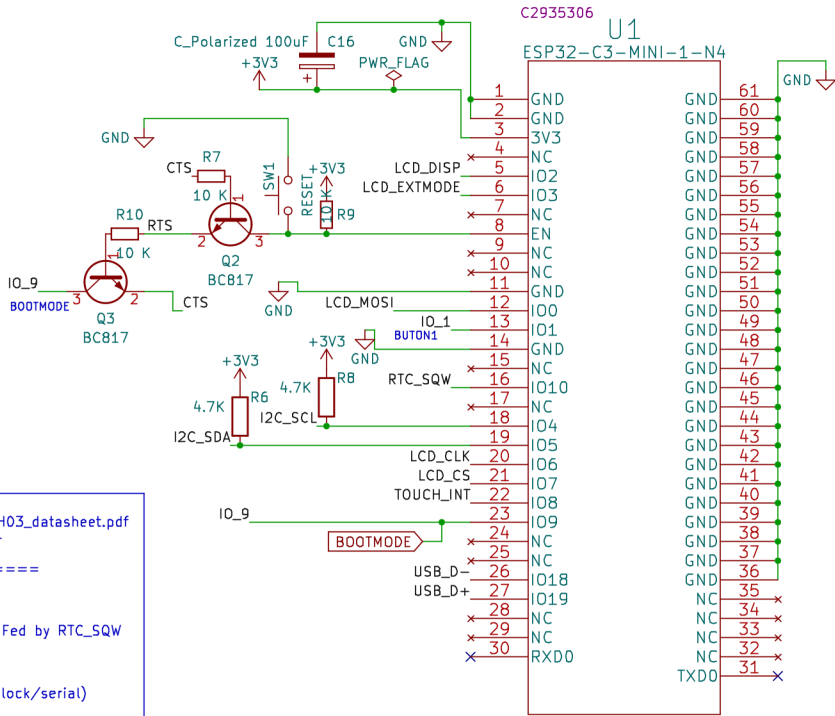


10 FPC LCD connector



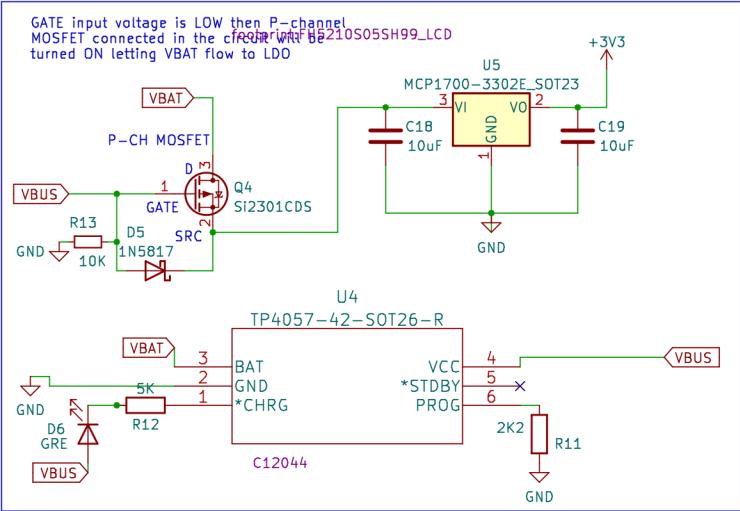
Sharp Memory Display Connector as detailed in Datasheet  
[https://cdn.sparkfun.com/assets/d/e/8/9/7/LS013B7DH03\\_datasheet.pdf](https://cdn.sparkfun.com/assets/d/e/8/9/7/LS013B7DH03_datasheet.pdf)

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	3V3	3.3V out
7	VIN	3.3-5.0V (Into LDO supply)
8	EXTMODE	COM Inversion Select (Low = SW clock/serial)
9	GND	
10	VSSA	-> GND

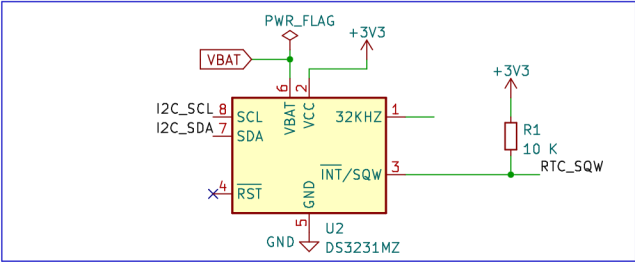


IMPORTANT: This PCB does not have UART Chip.  
 USB just connects to the IOs specified in C3-mini datasheet  
 for USB\_D- (18) and USB\_D+ (19)  
 TOUCH\_INT IO8 needs to be pulled-high during boot to enter  
 download mode and be able to program the MCU

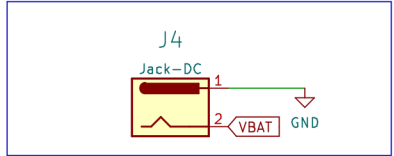
Charge and power management



DS3231 Real time clock via I2C



Battery jack



- H1 MountingHole
- H2 Not Included in PCB (no space)
- H3 MountingHole
- H4 MountingHole
- H4 MountingHole