

The first four pins correspond to the usual OLED pins...


- SDA
- SCL
- VCC
- GND

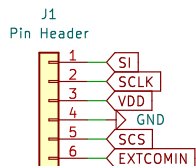
The two additional pins are needed for memory displays...

SCS:
Required for operation.

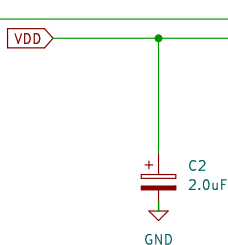
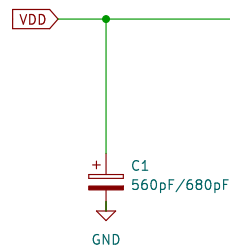
EXTCOMIN:
Not strictly required, but without it the display's lifetime may be reduced.

PWR_FLAG 

PWR_FLAG 



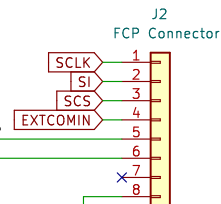
This sets the DISP pin to always high and causes the display to show the content.



The 2017 datasheet seems to show that a 20uF capacitor is required, but in reality 2.0uF is the correct value.

The font in the datasheet is squished, which causes the "." to merge with the "2".

Older datasheets also show a value of 2.0.



Sheet: /	
File: mem_disp_ls012b7dd01.kicad_sch	
Title: Sharp Memory Display Breakout Board (LS012B7DD01)	
Size: A4	Date: 2022-04-23
KiCad E.D.A. kicad (6.0.2-0)	
Rev: v0.1	
Id: 1/1	