

**\*\*Future Warning!\*\***  
7-Segment displays symbol and footprint used are for 0.56" (14.2mm) display. In the final design we might use a bigger custom created display, but with the same pinout. The bigger design might not work with the same low voltage used by this one, 3.3V, so some interfacing might be needed.

The idea is that the bigger 7-Segment display can be used as a usual low voltage 0.56" (14.2mm) display.

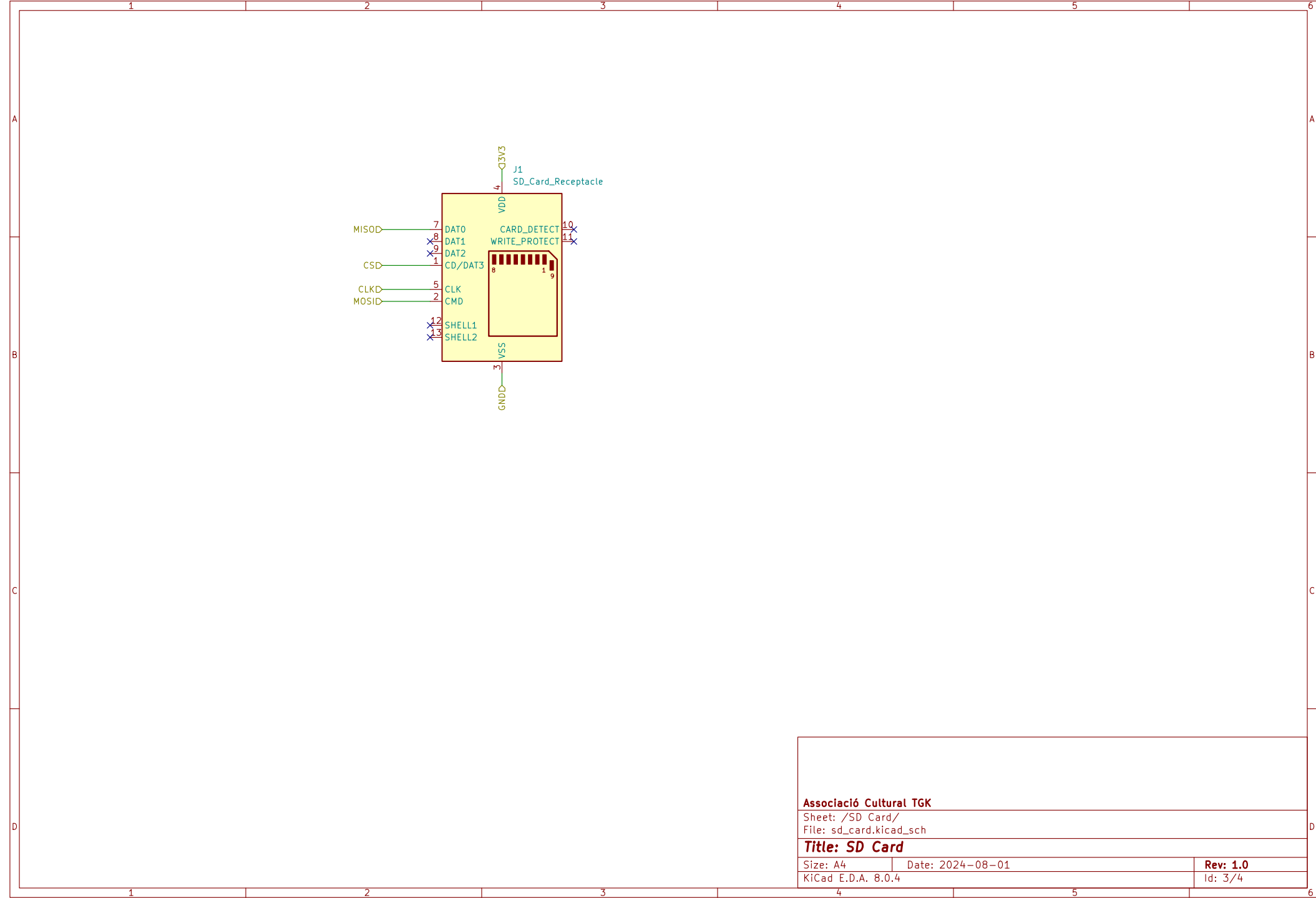
Associació Cultural TGK

Sheet: /Display/  
File: display.kicad\_sch

**Title: Display**

Size: A4 | Date: 2024-08-01  
KiCad E.D.A. 8.0.4

Rev: 1.0  
Id: 2/4



Associació Cultural TGK

Sheet: /SD Card/  
File: sd\_card.kicad\_sch

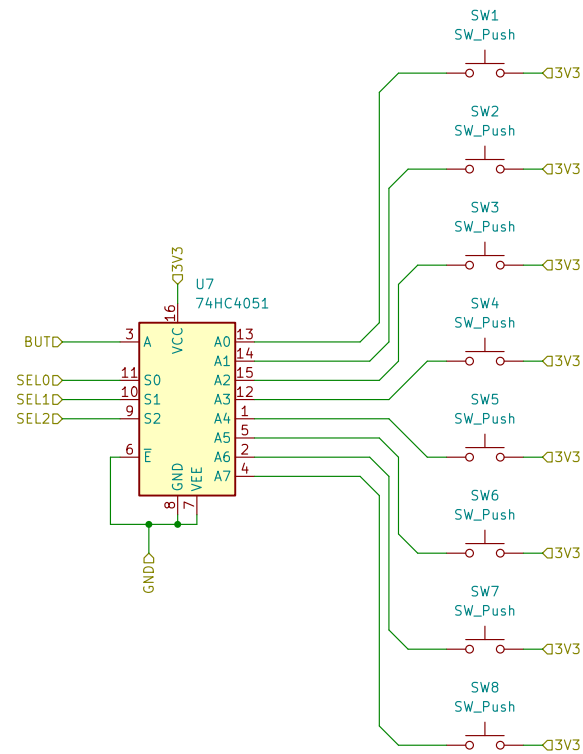
**Title: SD Card**

Size: A4 Date: 2024-08-01

KiCad E.D.A. 8.0.4

**Rev: 1.0**

Id: 3/4



NOTE:  
It's not been decided yet if the  
button will be active low or active  
high, so the switch schematic might  
change a bit.

Associació Cultural TGK

Sheet: /Buttons/  
File: buttons.kicad\_sch

**Title: Buttons**

Size: A4 Date: 2024-08-01  
KiCad E.D.A. 8.0.4

**Rev: 1.0**  
Id: 4/4