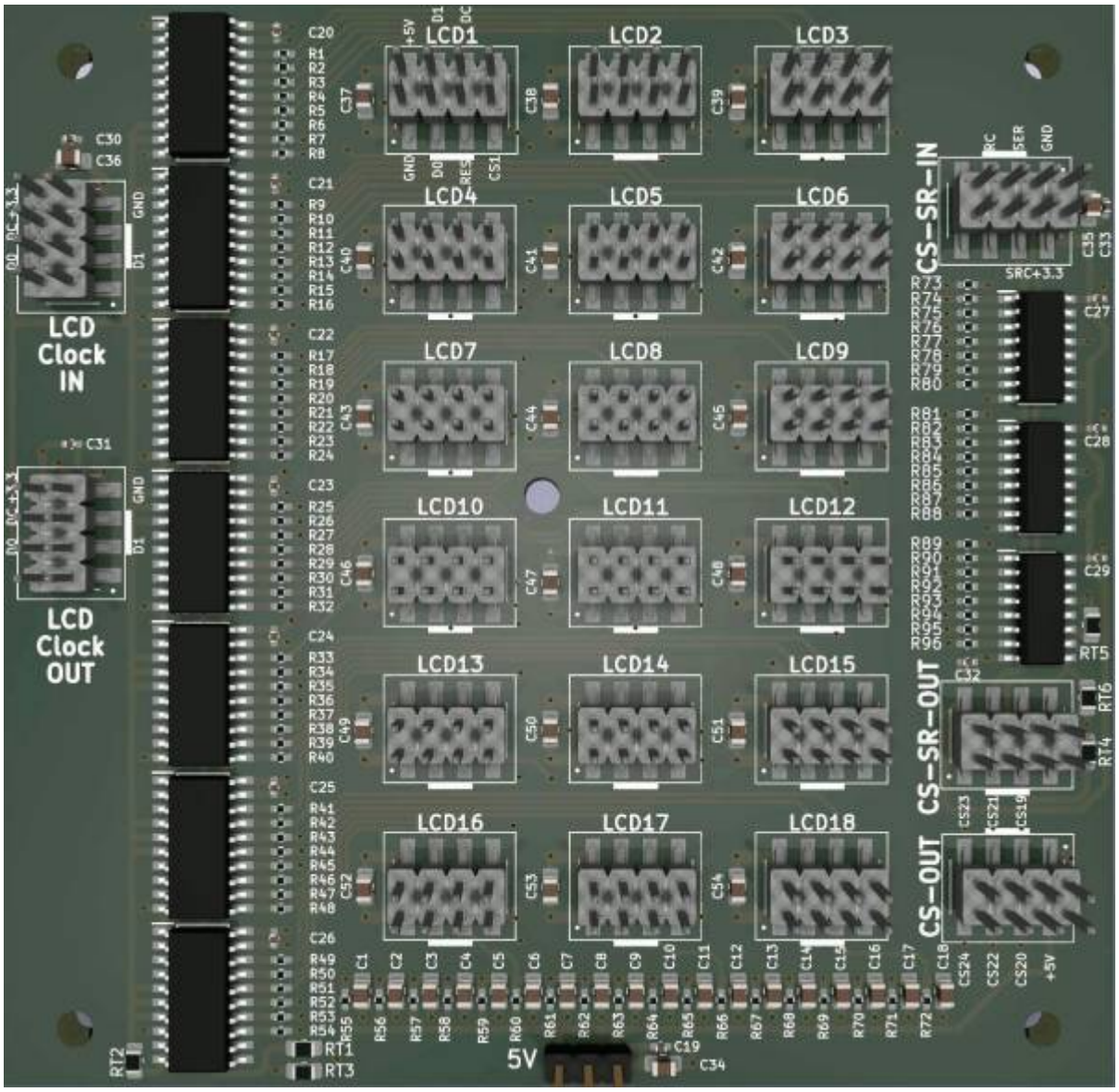
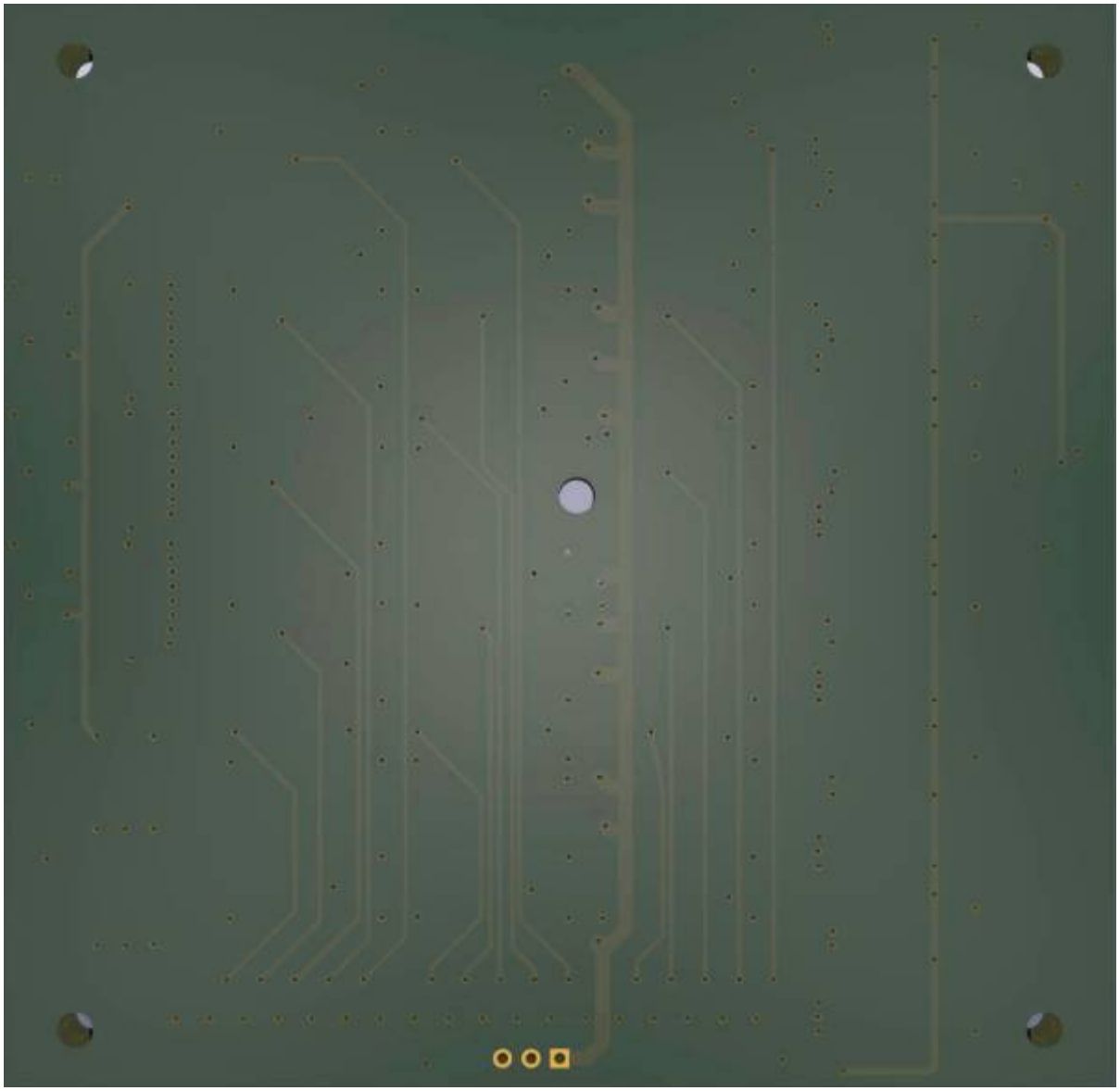
# Display Driver - Board - for 18 SSD1306 Screens

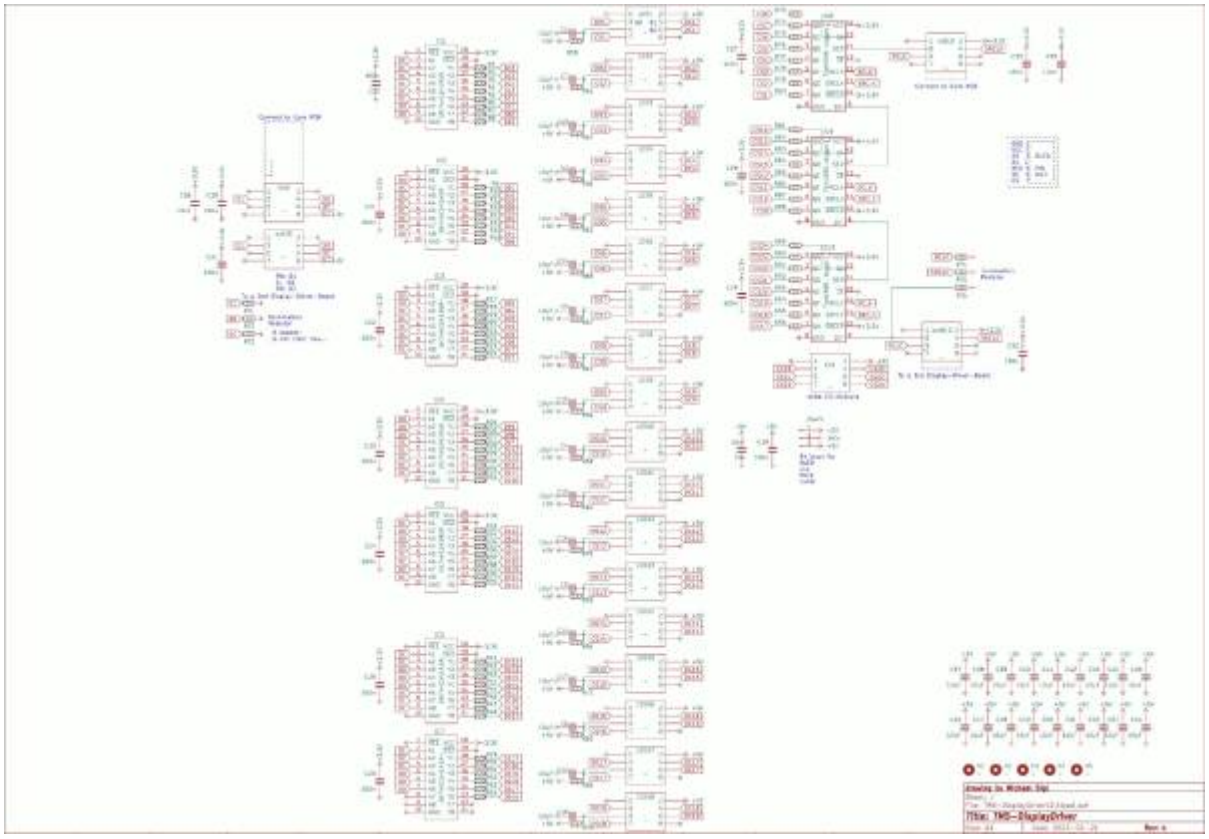




this is one essential part for my triggermatrix5
I need there 17 Displays, and i had good expierence with andys display_driver-board
since i didnt want to solder this board by hand again - i created this board. its fully SMD, and made it pick and place ready - so no soldering required!

# Shematic

display-driver-smd-shematic.pdf



# Building and BOM

Follwing list is for reference, and debugging only, **no need to order them!** all the parts are already soldered on the PCB!

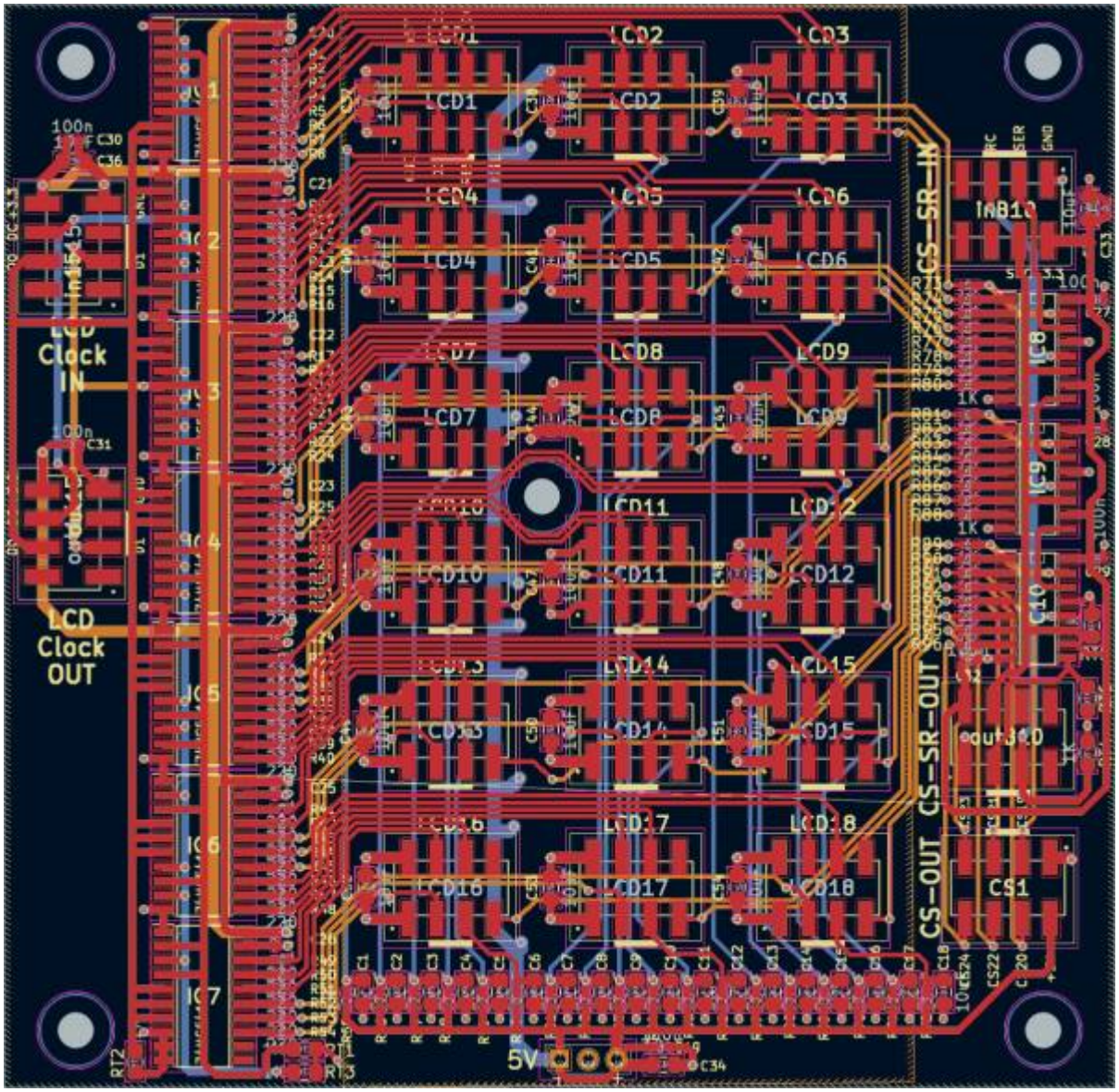
## BOM

| Comment | Designator | Footprint | LCSC |
|---|---|---|---|
| 10uF | C1-18,C34-54 | 0805_C | CL21A106KAYNNNE |
| 100n | C19-33 | 0402_C | C307331 |
| - | CS1,LCD1-18,inB10,outB10,in15 | PinHead-SMD-2,54mm Pitch | C192300 |
| SN74HC541 | IC1-7 | SOIC127P780X200-20N | C116811 |
| 74HC595 | IC8-10 | SOIC-16 | C5947 |
| 220 OHM | R1-54 | 0402_R | C25091 |
| 1K OHM | R55-96 | 0402_R | C11702 |

## Order-List

copy following list into this mouser.com-Link

```
710-61200823021|22
```




# To Do

waiting for the assembled Prototype

# Community users working on it

- **Phatline** = PCB & Shematic, UI-Programming, Documentation...

Just let a Private message on the forum to user already involved.
or join the forum: Triggermatrix 5

From:
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**https://www.midibox.org/dokuwiki/doku.php?id=displaydriver-smd&rev=1672260670**

Last update: **2022/12/28 20:51**