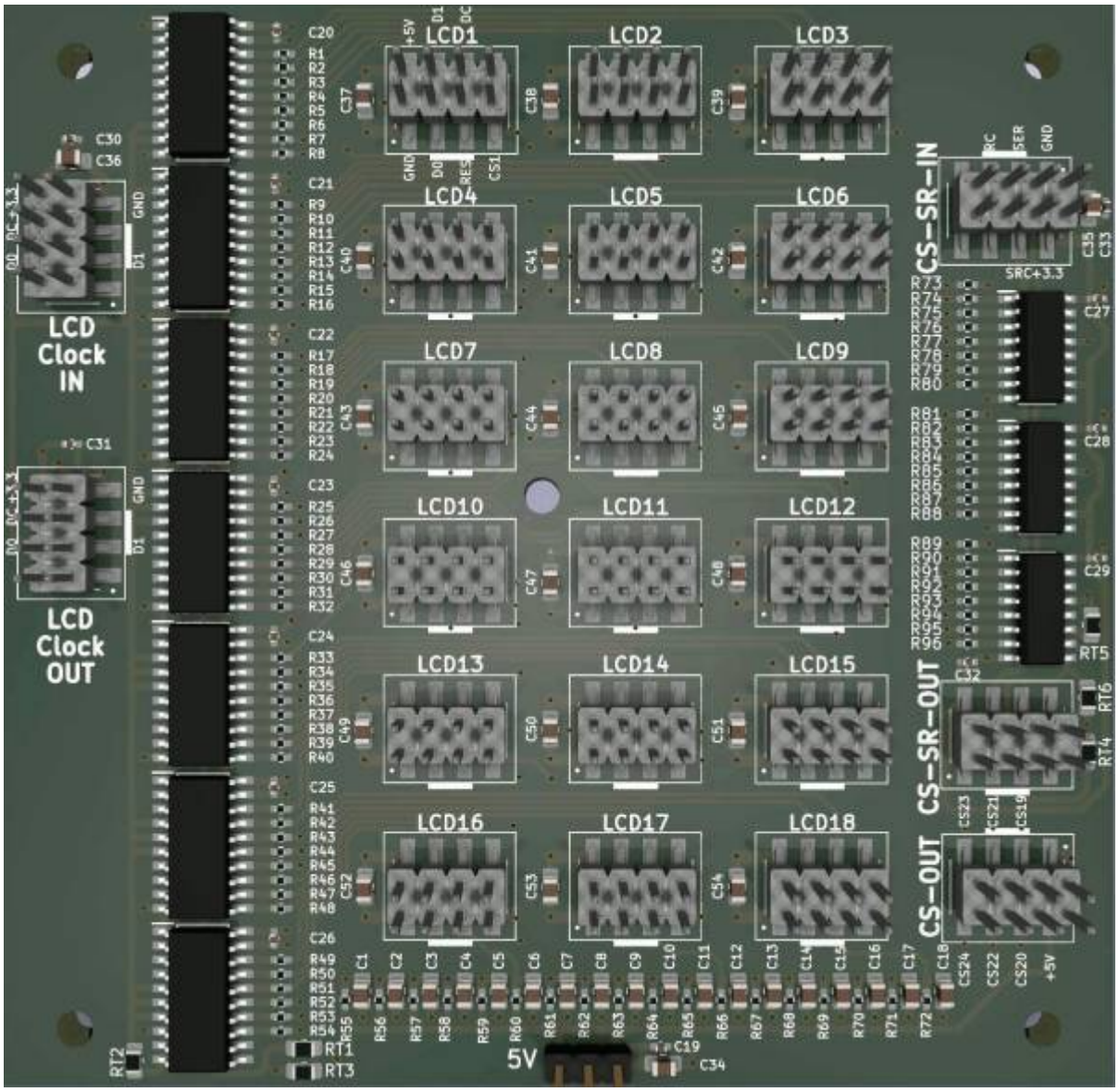
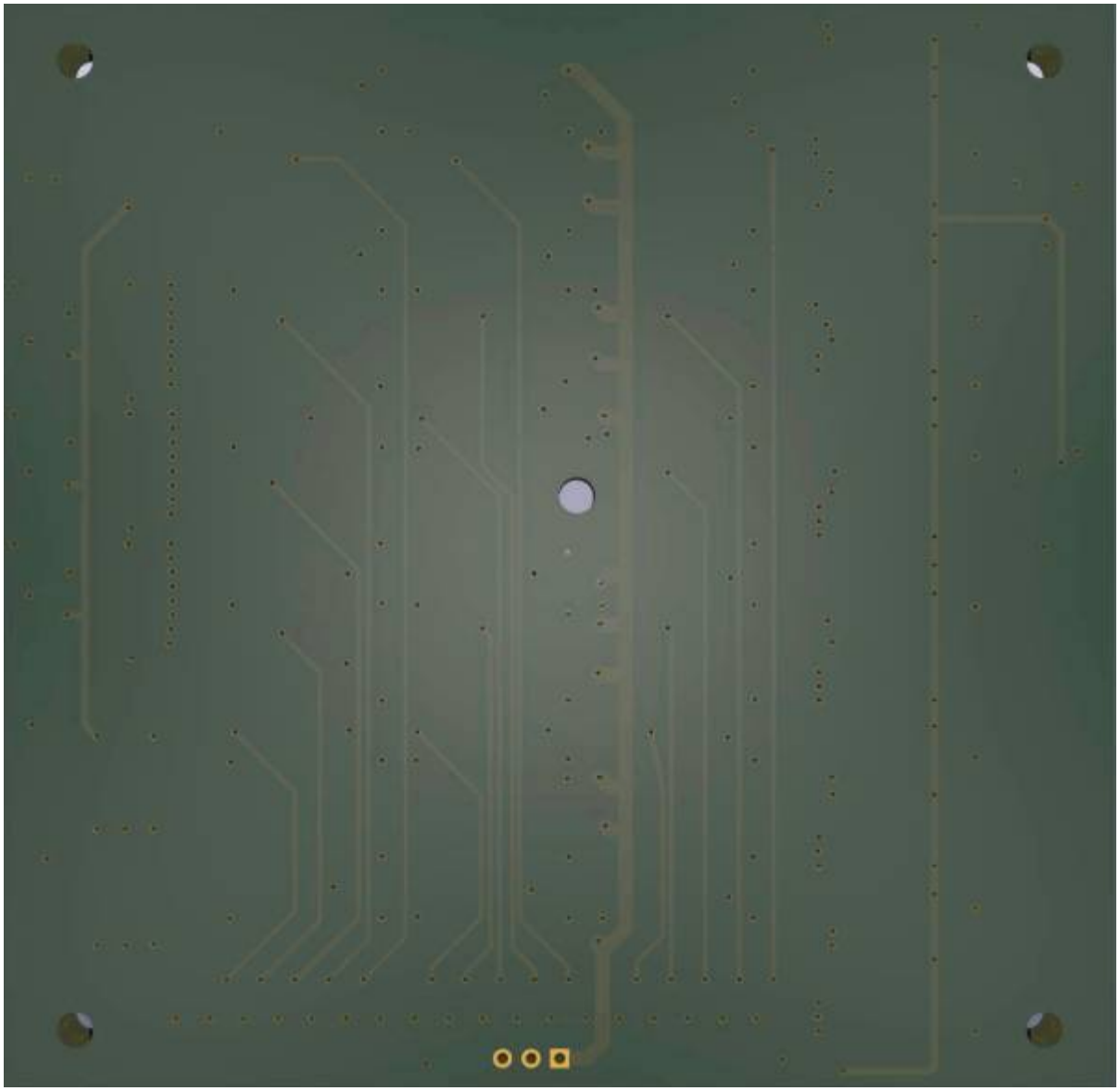
Display Driver - Board - for 18 SSD1306 Screens

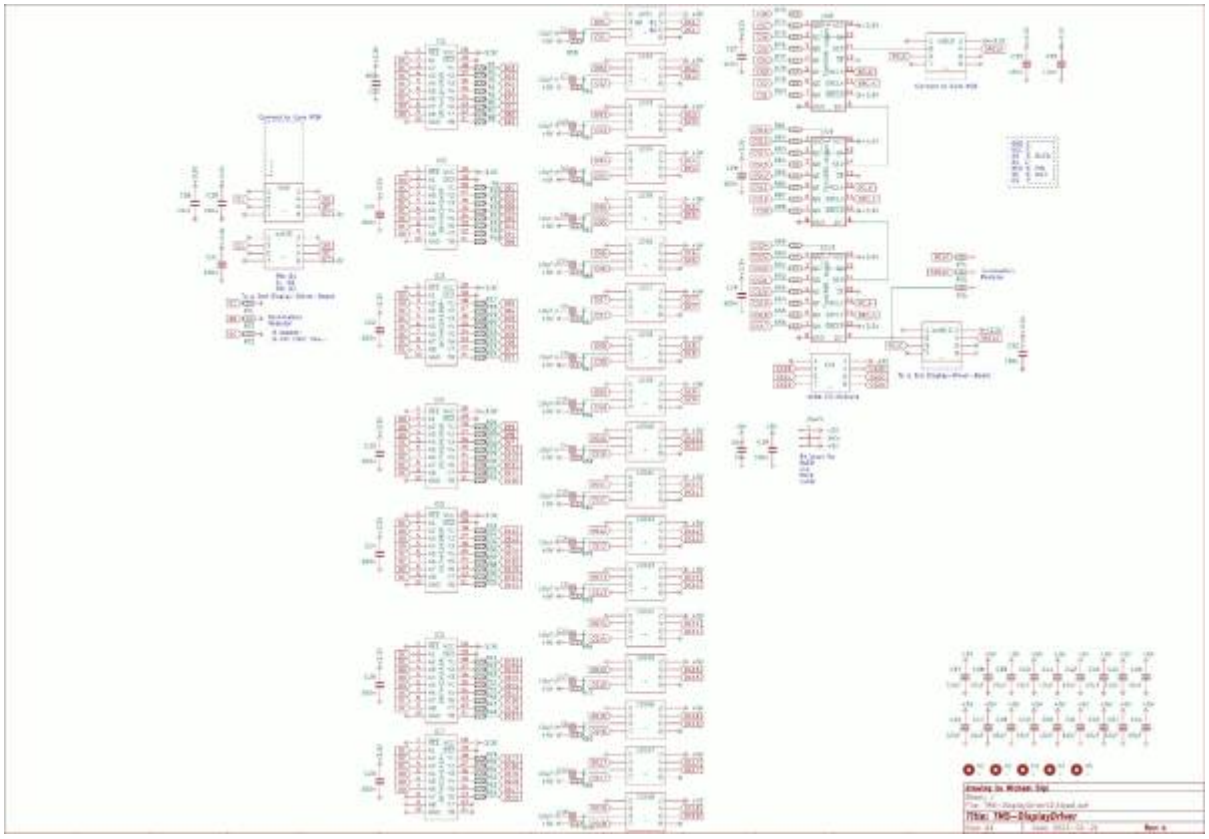




this is one essential part for my triggermatrix5
I need there 17 Displays, and i had good expierence with andys display_driver-board
since i didnt want to solder this board by hand again - i created this board. its fully SMD, and made it pick and place ready - so no soldering required!

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!

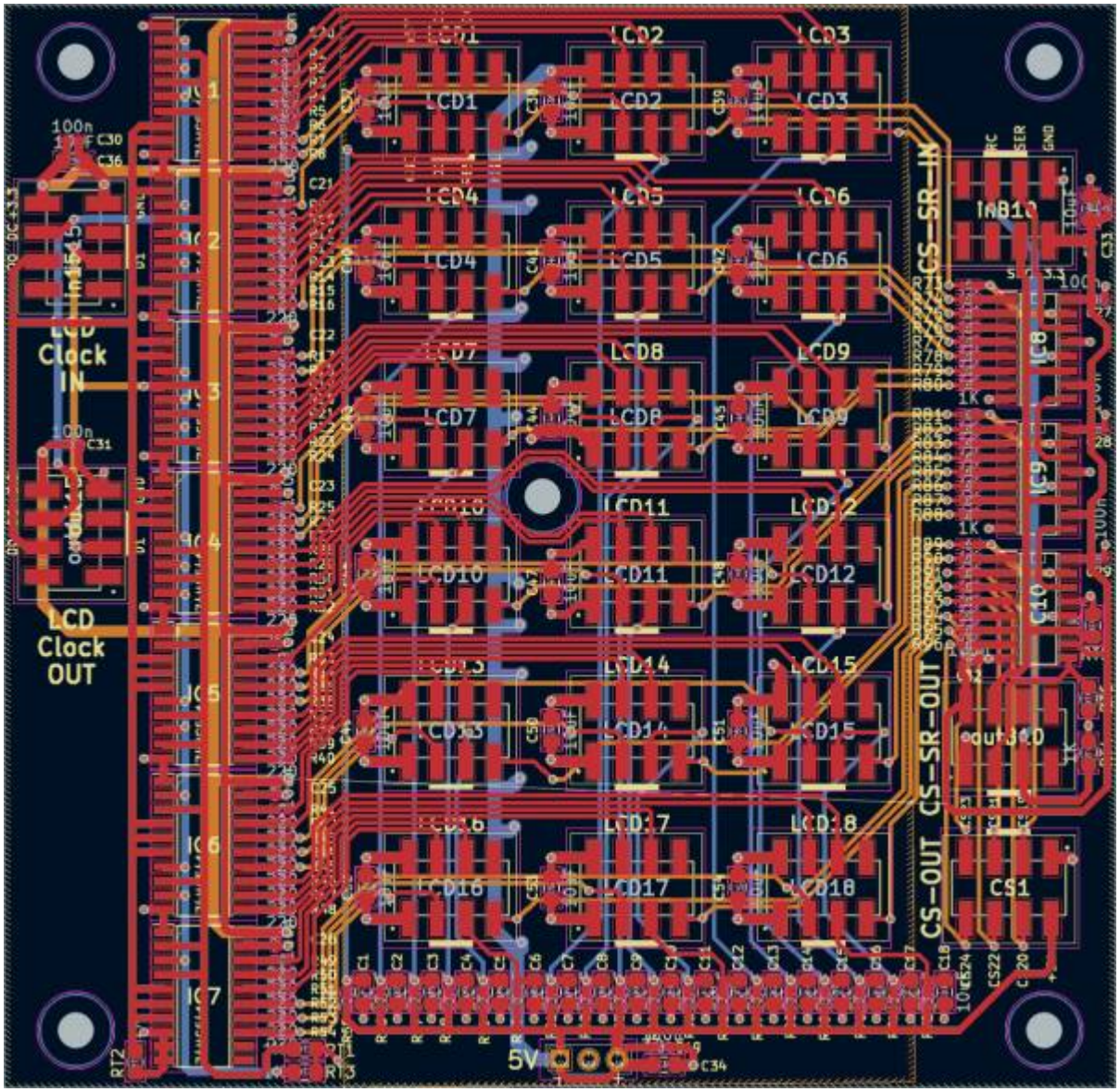
BOM

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	
22	IDC-Connector	2x4Pin	IDC	710-61200823021

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:
https://www.midibox.org/dokuwiki/ - **MIDIbox**

Permanent link:
https://www.midibox.org/dokuwiki/doku.php?id=displaydriver-smd&rev=1672260630

Last update: **2022/12/28 20:50**