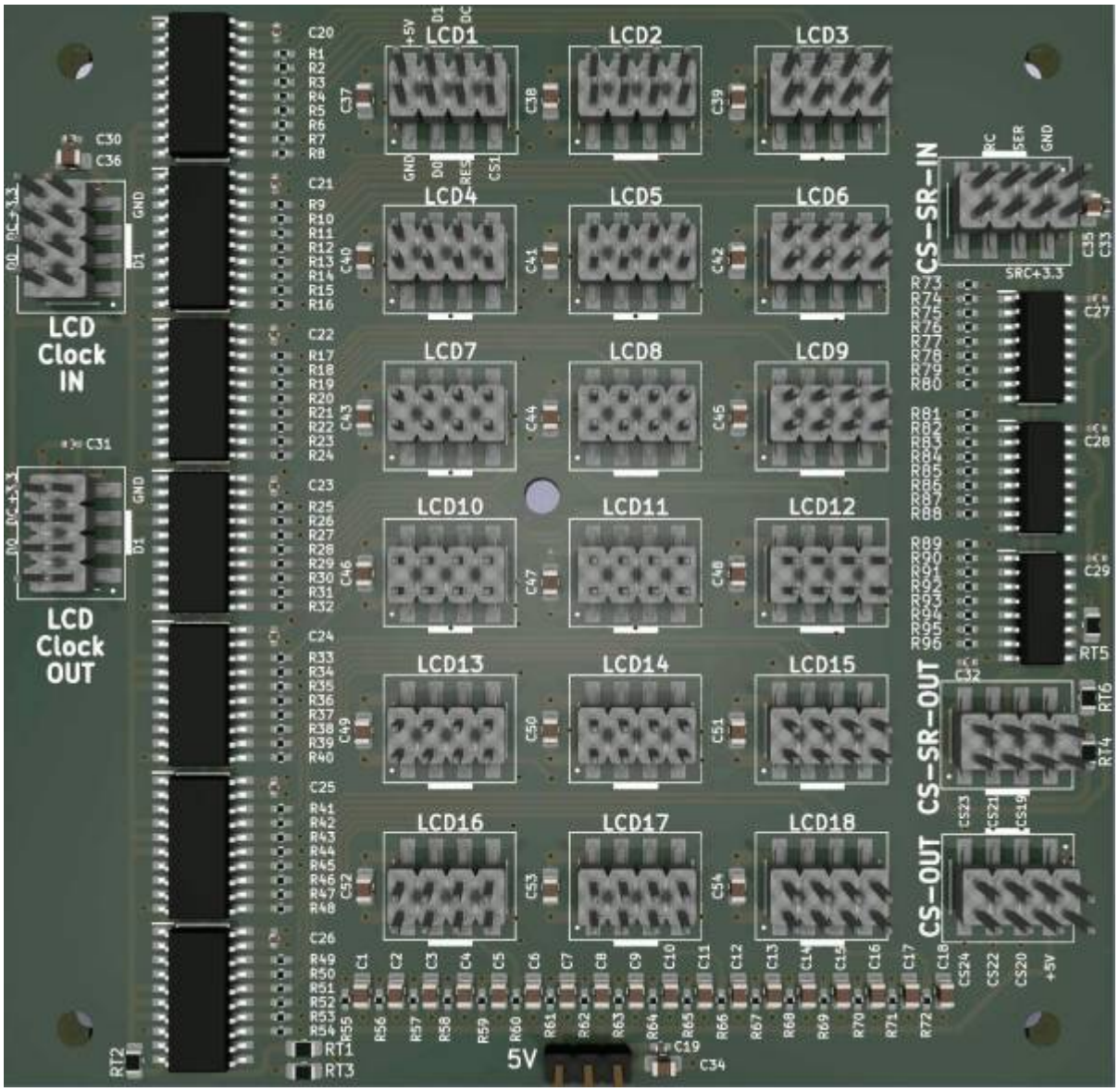
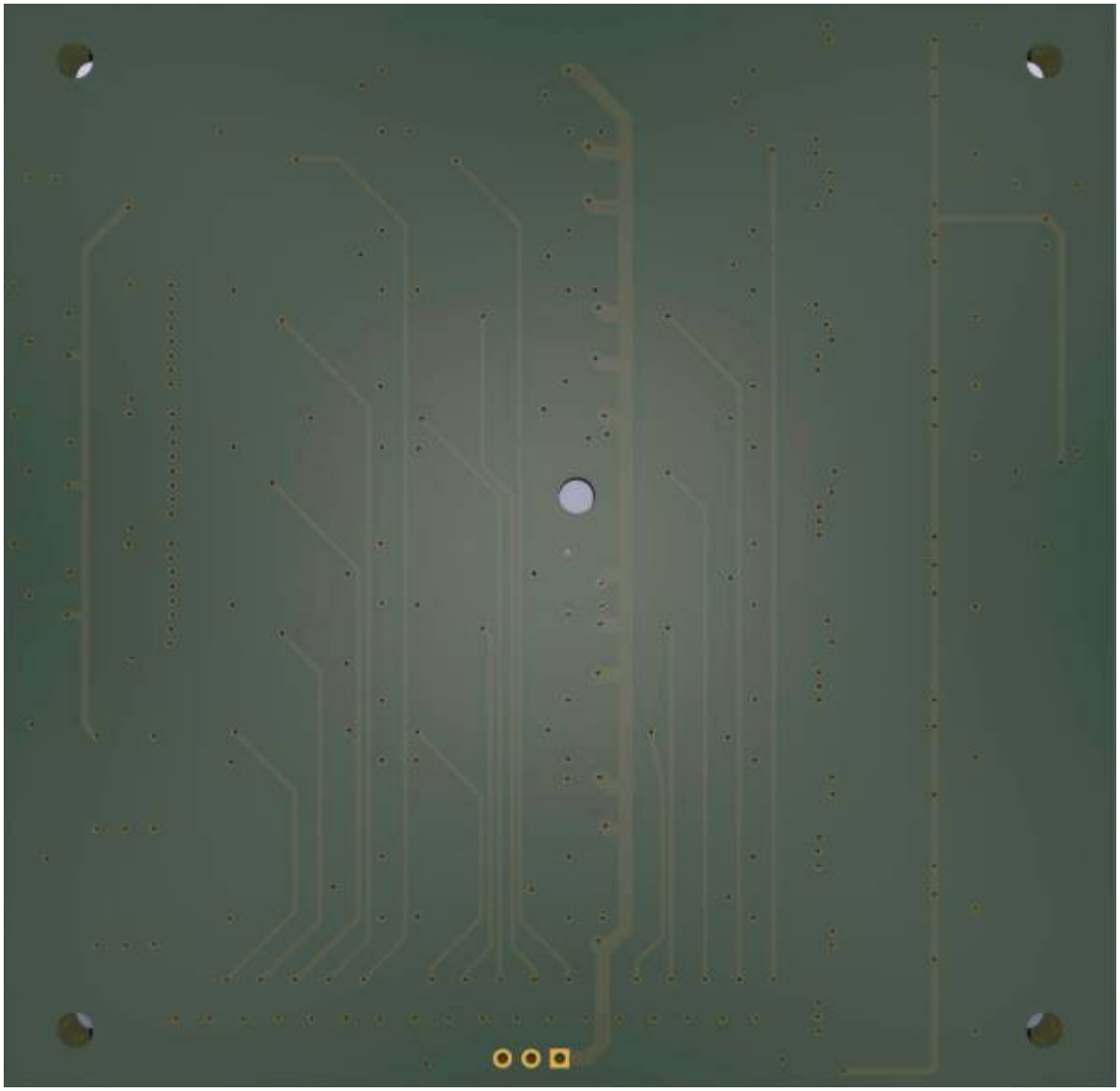
Display Driver - Board - for 18 SSD1306 Screens

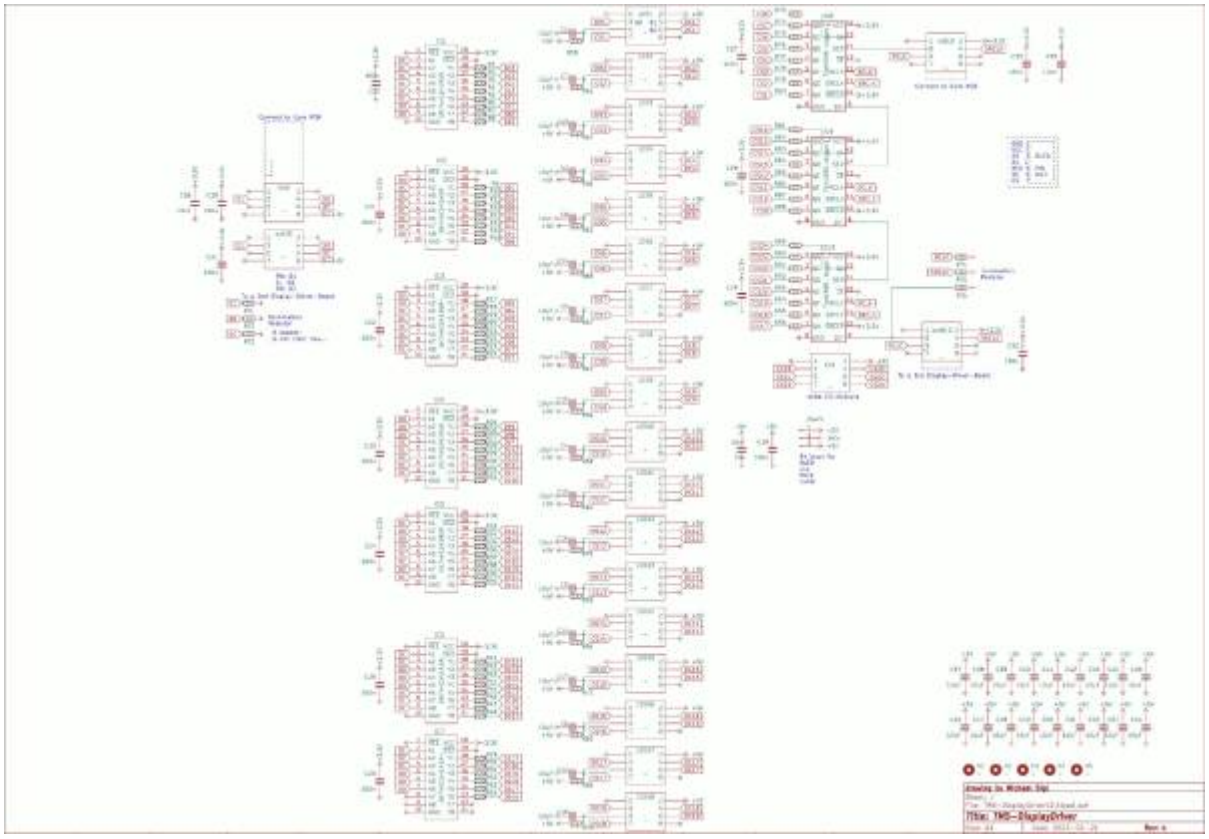




this is one essential part for my triggermatrix5
I need there 18 Display, and i had good expierence with andys display_driver-board
i created this board. its fully SMD, and made it pick and place ready - so no soldering required!

Shematic

display-driver-smd-shematic.pdf

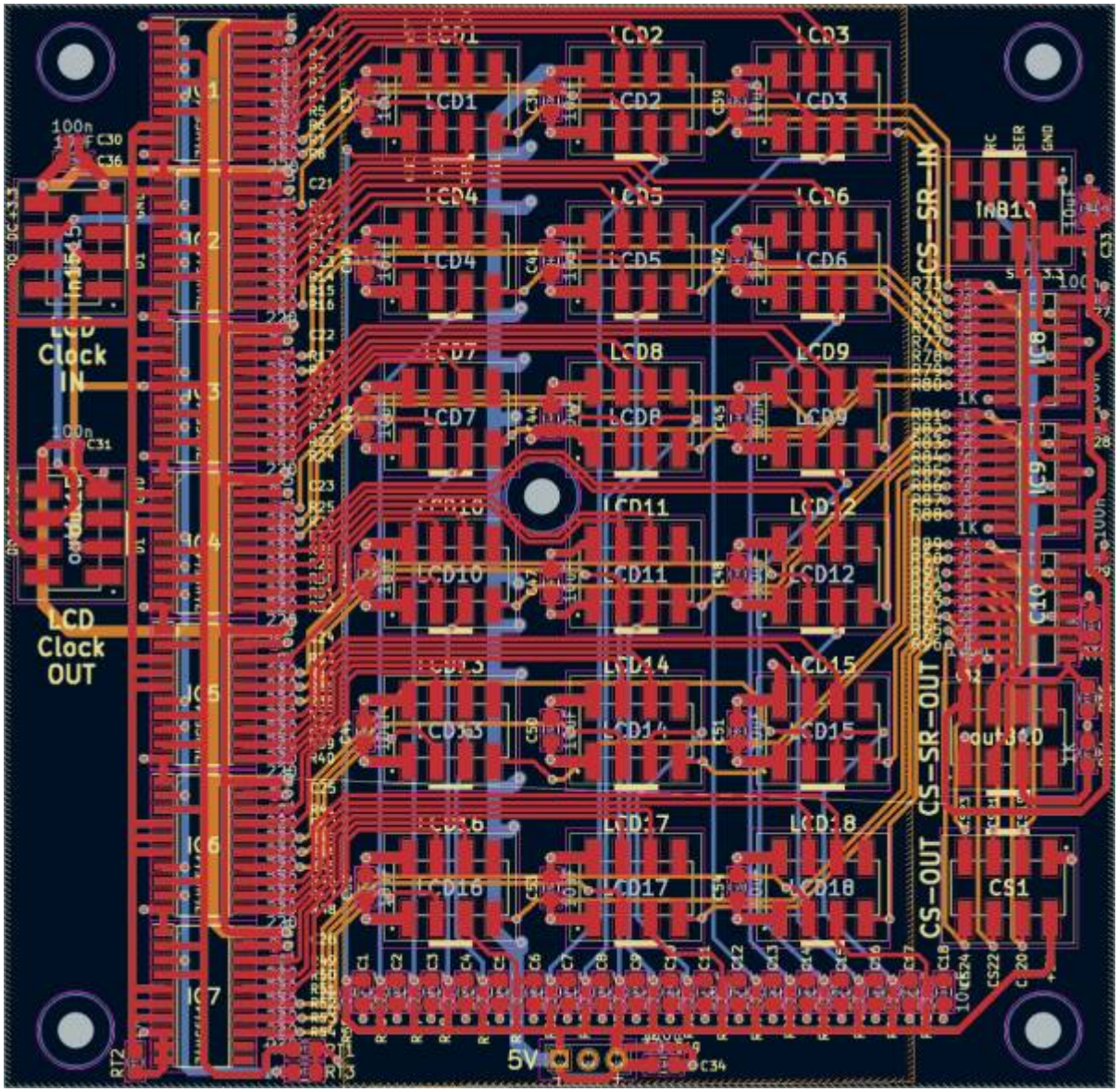


Building and BOM

The Values are printet on the PCB.
blm16x16-pcb-back.pdf
blm16x16-pcb-front.pdf

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



To Do

Order the Prototype, waiting for christmas....

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: daw-controller-ableton

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