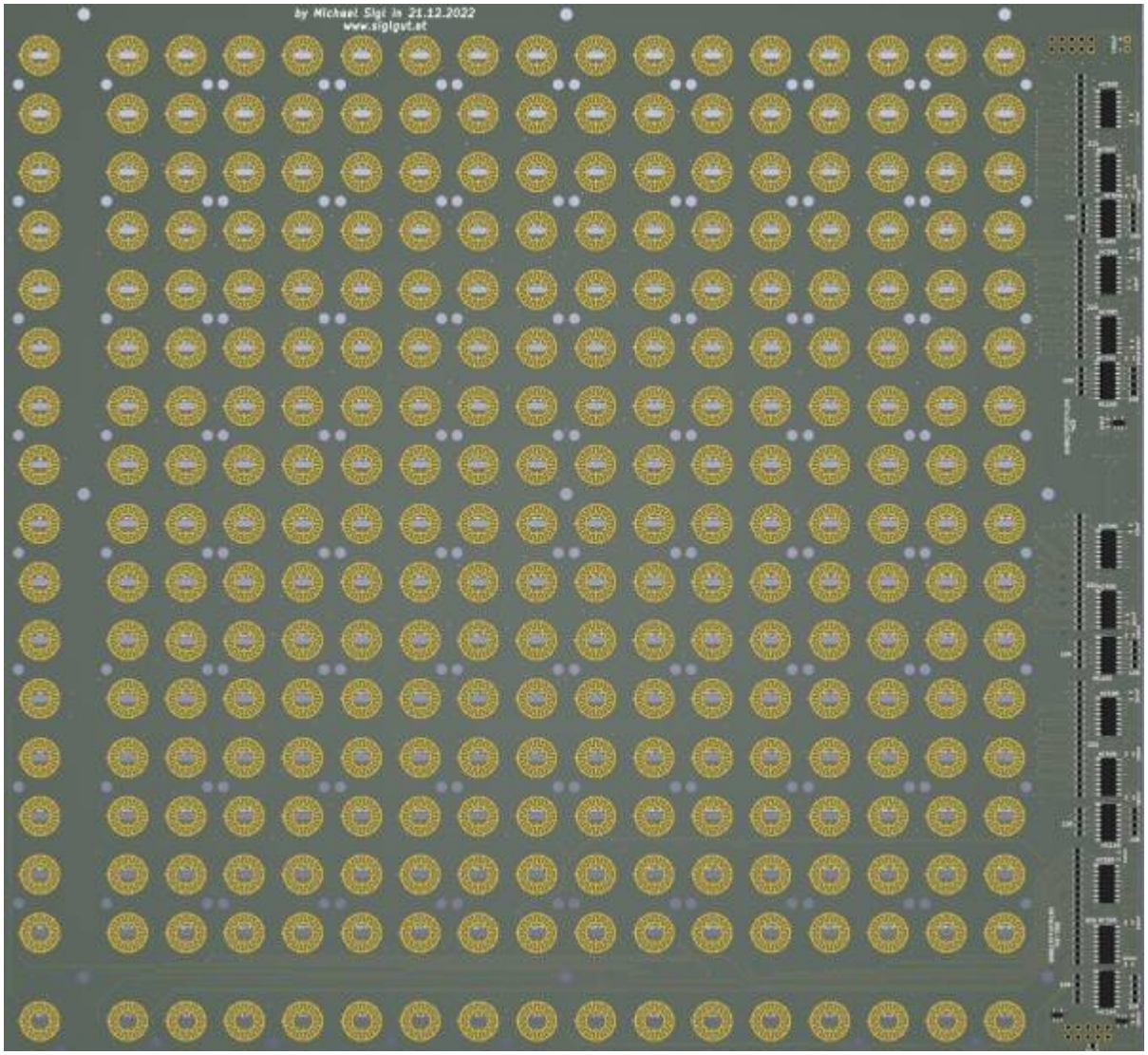
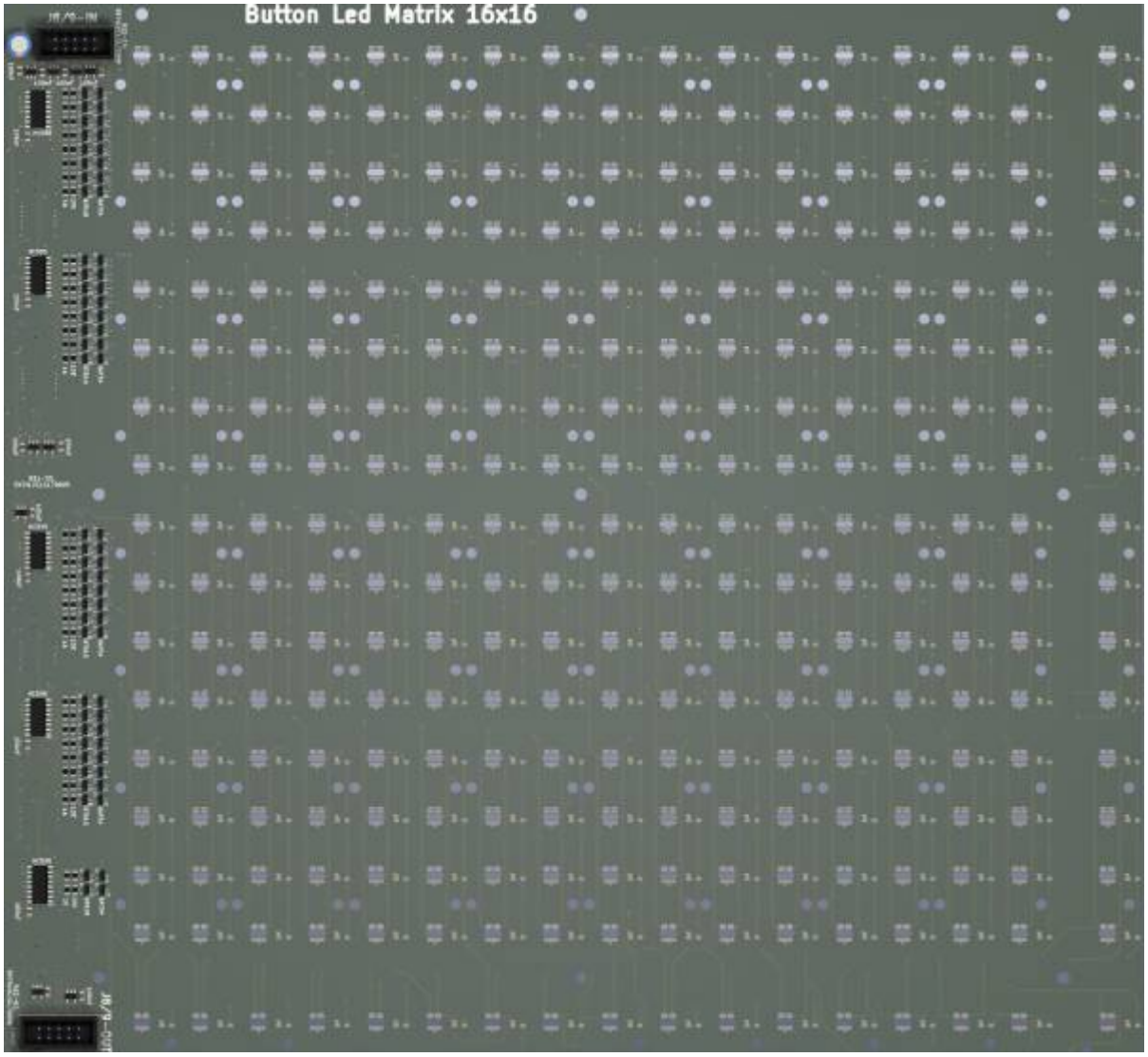
BLM16x16+X V2 - Board





for TriggerMatrix4 i used Latigid ONs PCB: blm16x16_build_guide, but i had only 2 PCBs, one for me, and one finally got Maxim Anokhin (Limewax), in order to get more Triggermatrices into the world I made my own Version for the upcoming triggermatrix5

Shematic

blm16x16-shematic.pdf

Building and BOM

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

Order-List

copy following list into this mouser.com-Link

```
595-SN74LVC1G17DBVR|12
80-C0805C104M5R|32
710-860010273011|1
863-BAT54LT1G|34
595-SN74HC595DR|15
595-SN74HC165DT|5
710-61201021621|2
863-BC818-40LT1G|34
660-RK73B2ATTD102J|34
660-RK73B2ATTD103J|75
603-RC0805JR-13220RL|40
660-RK73H2ATTD56R0F|40
604-APTR3216ZGC|300
604-APTR3216QBC/D|300
621-1N4148WS-F|150
```

Order from Reichelt:
2x PinHeader 2x5Pin Female

Order from Adadruit:
19x Silicone Elastomer 4x4

To Do

waiting for the Prototype to come, then solder hundrets off components

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

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