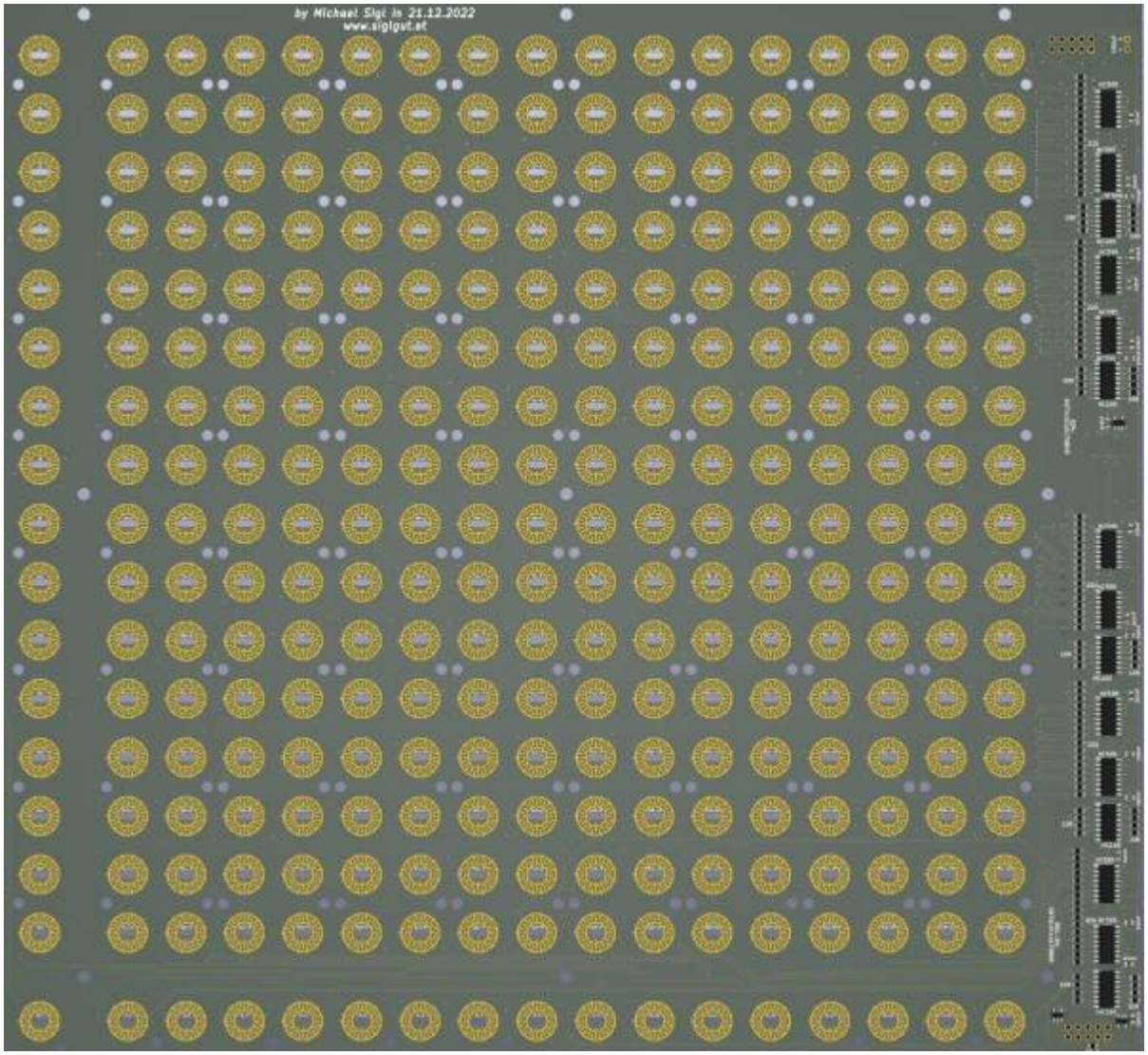
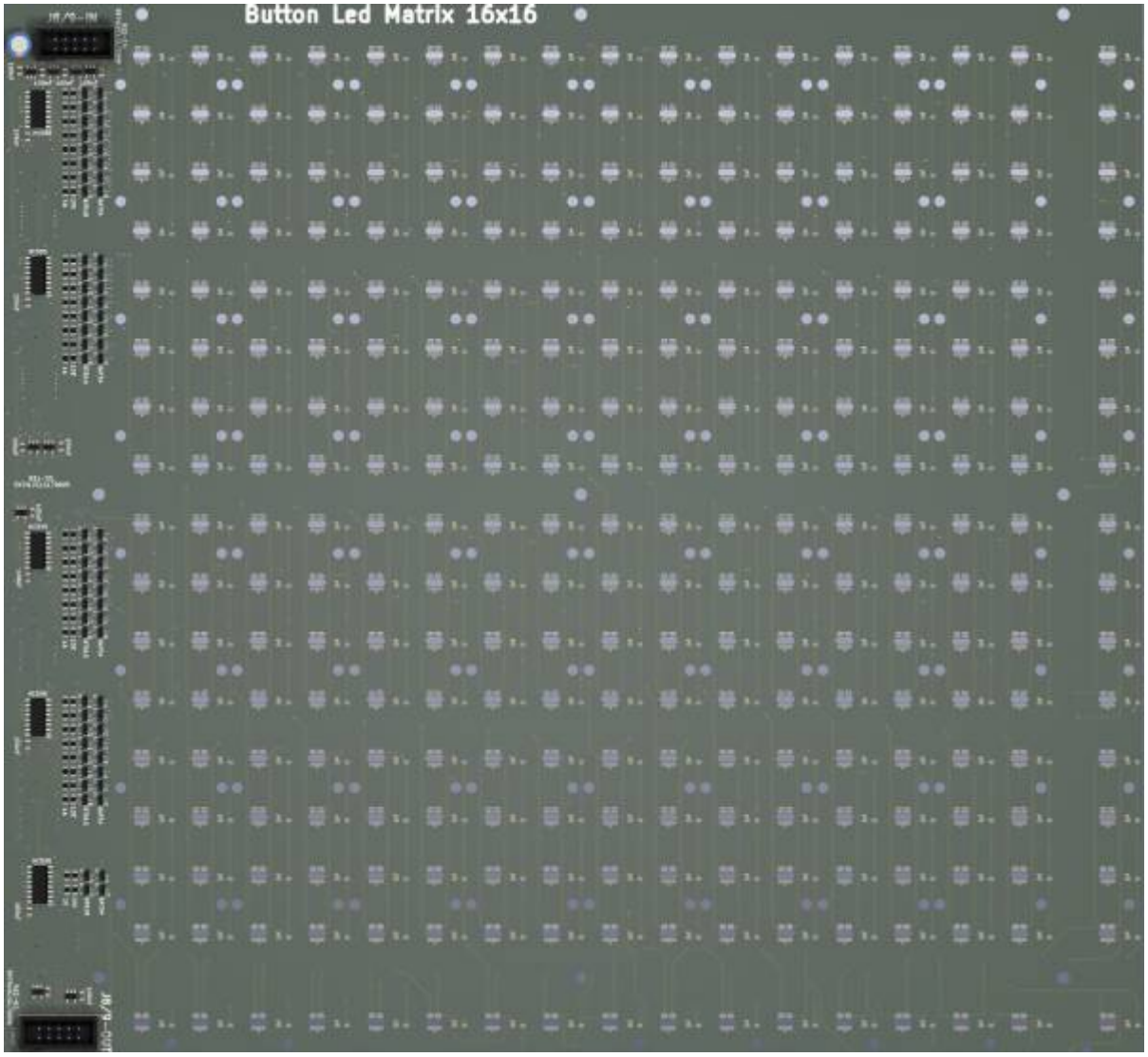
BLM16x16+X V2 - Board





Since i need need a BLM16x16+X for my triggermatrix5 And since Latigid ONs BLM is sold out blm16x16_build_guide... (and those 1N4148 Thruholes nightmare..)

I made this new Version, based on Latigids Shematical Improvements.

Shematic

blm16x16-shematic.pdf

Building and BOM

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

Following Quantity is for 1 PCB, Mouser:
open following link: https://www.mouser.com/tools/part-list-import.aspx

& copy past follwong list:

595-SN74LVC1G17DBVR|12
80-C0805C104M5R|32
710-860010273011|1
512-BAT54|34
595-SN74HC165DR|15
595-SN74HC595DR|5
710-61201021621|2
512-BC81840MTF|34
660-RK73B2ATTD102J|34
660-RK73B2ATTD103J|75
603-RC0805JR-13220RL|40
660-RK73H2ATTD56R0F|40
604-APTR3216ZGC|300
604-APTR3216QBC/D|300
833-1N4148WL2-TP|150

19x Silicone Elastomer 4x4

To Do

make a Frontpanel.

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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https://midibox.org/dokuwiki/doku.php?id=blm16x16v2&rev=1671406996

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