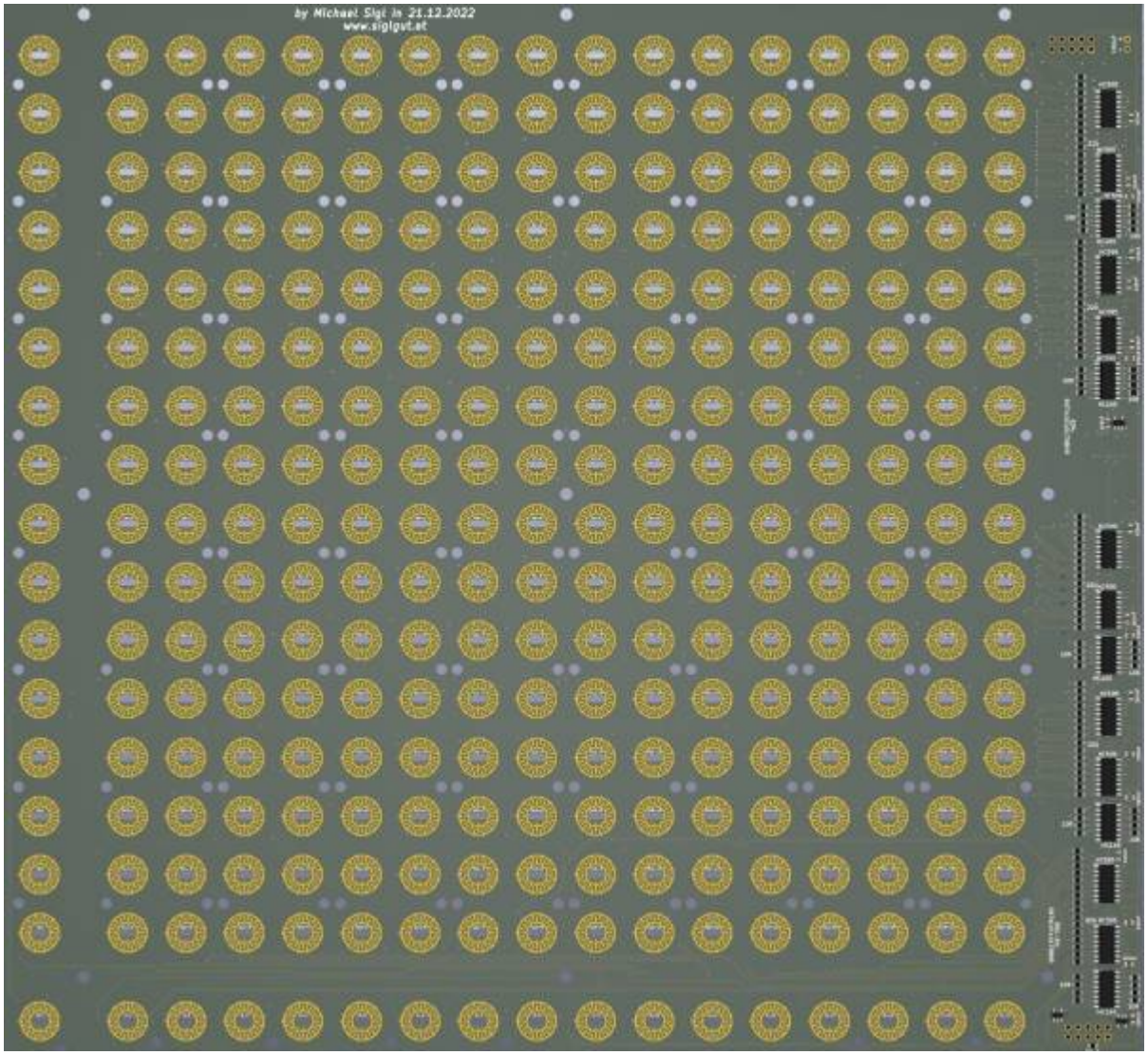
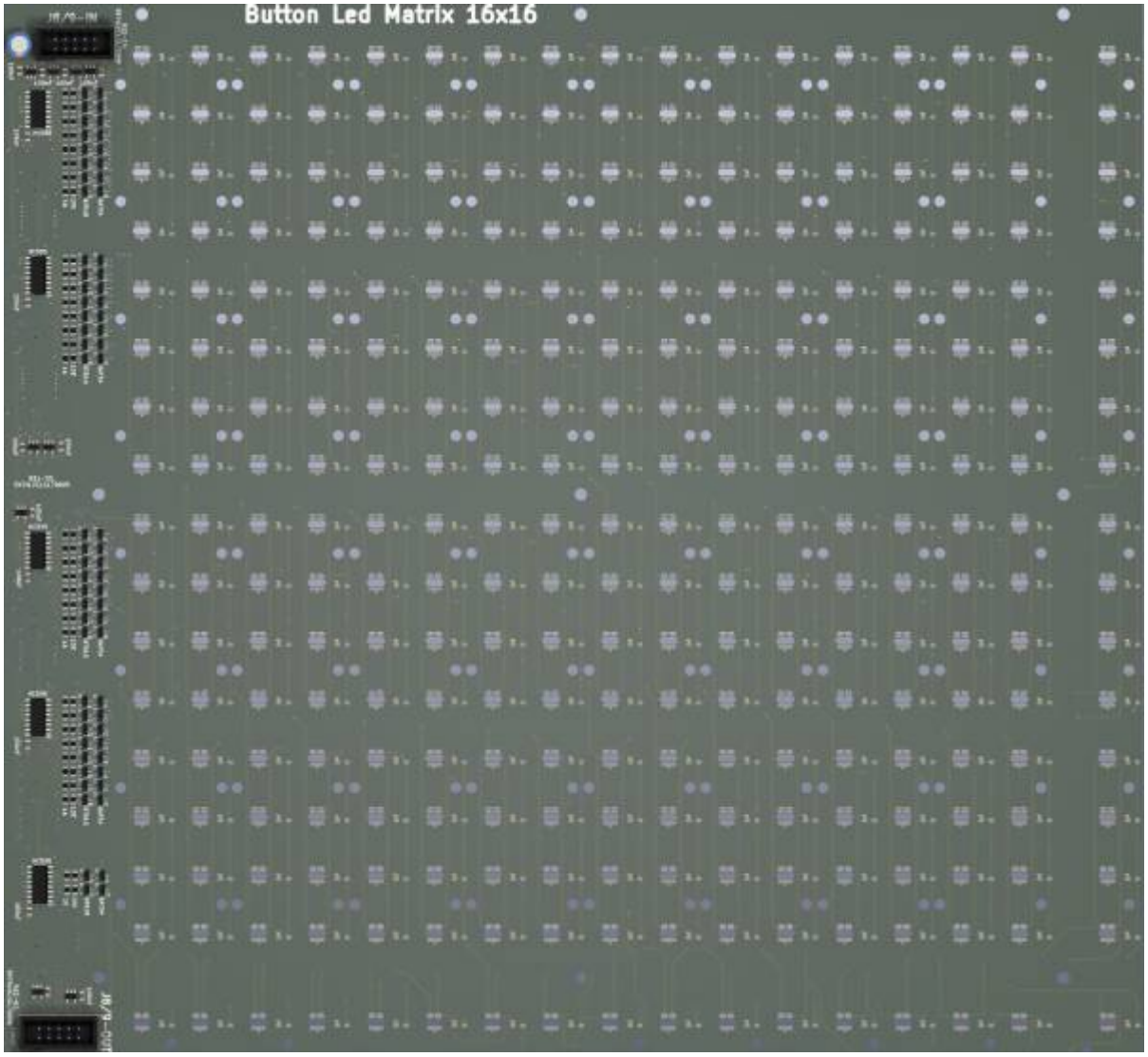
BLM16x16+X V2 - Board





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:

187-CL21B104KBFWPJE|7
187-CL21A106KPFNNNE|4
81-GRM219R60J476ME4D|4
652-PEC11R-4015F-S24|9
710-61201021621|3
667-ERJ-P06F1001V|6
660-RK73H2ATTD1002F|27
660-RK73H2ATTD1002F|3


the 3x hc165 are missing

You may change the how many times you want to order this project
aka you need it 10 times, then do this after importing the list into mouser...
if you need it 10 times it cost around 199€

6 Displays which you get from Ali:
SSD1306-128x64 7pin White

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=1671401959

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