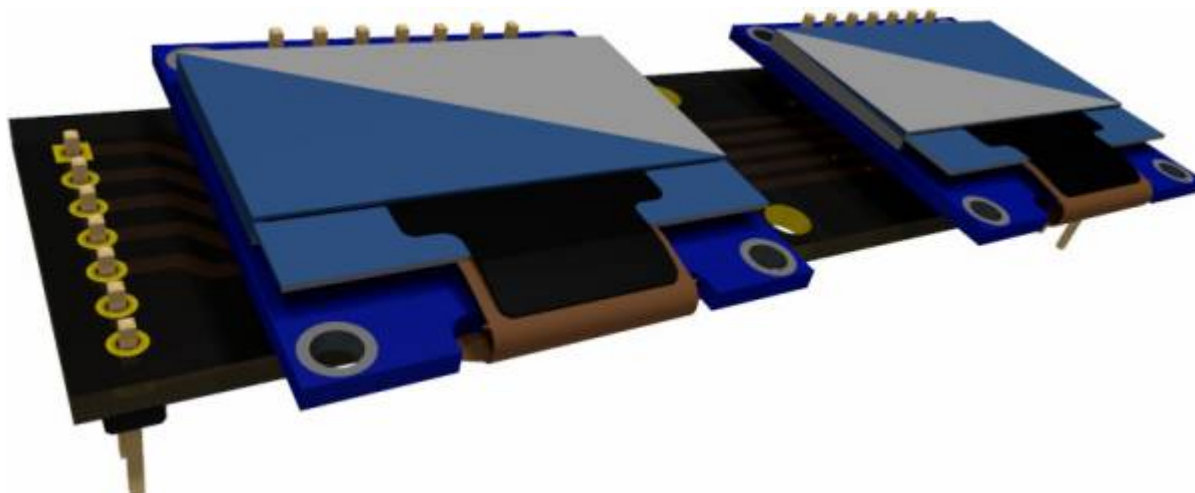
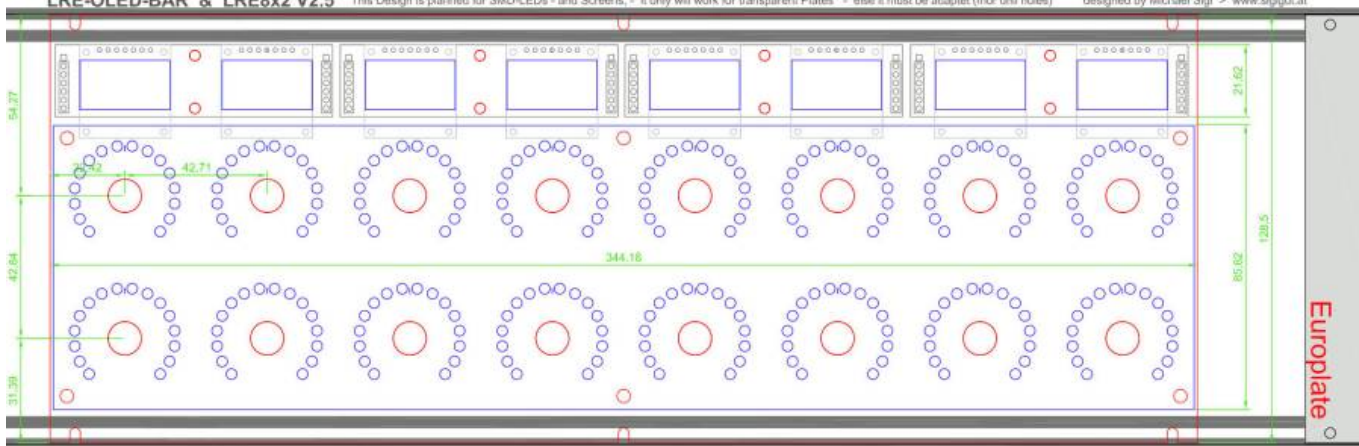


# LRE8x2 096 SSD1306-BAR for Eurorack



Eurorackpanel;  
 LRE-OLED-BAR & LRE8x2 V2.5 This Design is planned for SMD-LEDs - and Screens, - it only will work for transparent Plates - else it must be adaptet (mor drill holes) designed by Michael Sigl > www.siglut.at



I made this PCBs to use it with Fairlightii´s [mb-lre8x2cs\\_pcb](#)

### 4x PCBs on one 100x100mm

there is no V-Groove, you have to cut it on the marking groove it on top and back, with a new sharp cutter, do it several times, then break it



With this Method you pay for 20 PCBs 8€ all inclusive to EU-Austria

So you can Stuff 5 LRE8x2 with this.

Here are the gerberfiles for production - i made it with [JLPCB](#)

[lre-oled-eva-gerber.zip](#)



# Building and BOM

The Values are printet on the PCB.

## Following Quantity is for 4 PCBs:

8x 1Row 7Pin headers (2.54mm pitch)

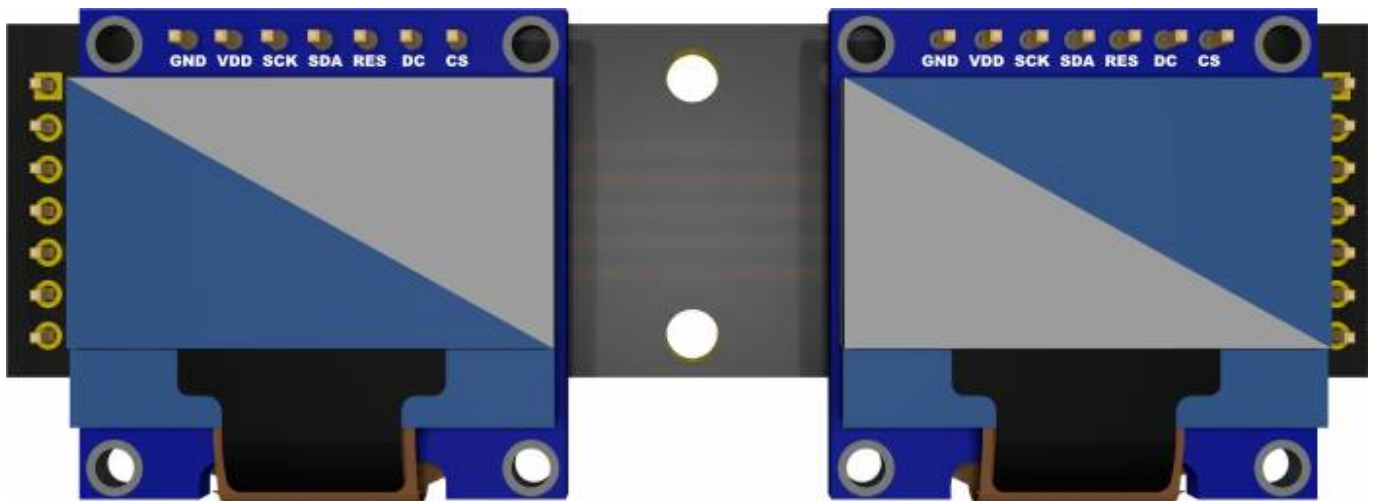
8x 1K 1208 SMD Resistors

12x 10uF 1208 Capacitors (non polarized)

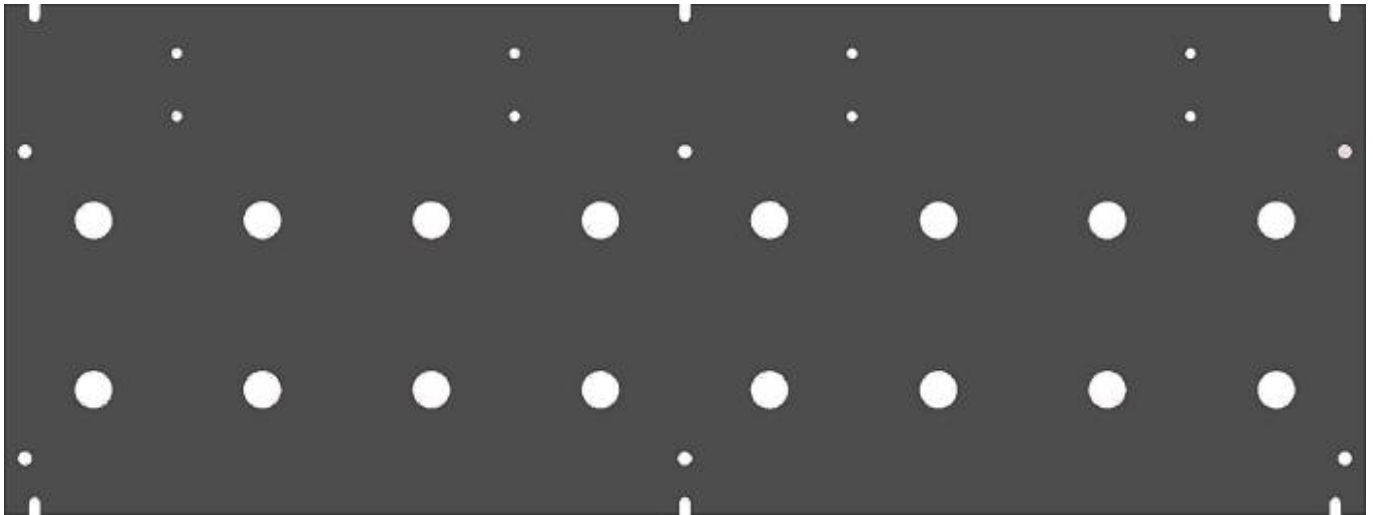
3x 10K 0603 SMD Resistors which are optional



8x 0.96" SSD1306 Screens



# Frontpanel



I made a DXF File which you can send to [Formulor in Germany](#)

i panalized it so there are 2 Plates in it

I payed 40€ summed for booth plates incl shipping from Germany to Austria

**The Version with the not needet 3mm Mounting holes for the LRE8x2:** [2xlre-oled-bar-dxf.zip](#)

**My Original Autocad Drawing, + DXFs for Fabrication without the non needet Mounting Holes:** [euro-lre-frontpanel.zip](#)

**Recommend Material from Formulor:**

3mm Acrylglas GS 384x384mm, mittelgrau transparent(7C83)

## To Do

waiting for christmas...

## Community users working on it

- **Phatline** = PCB & Schematic, UI-Programming, Documentation...

Just let a Private message on the forum to user already involved.

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