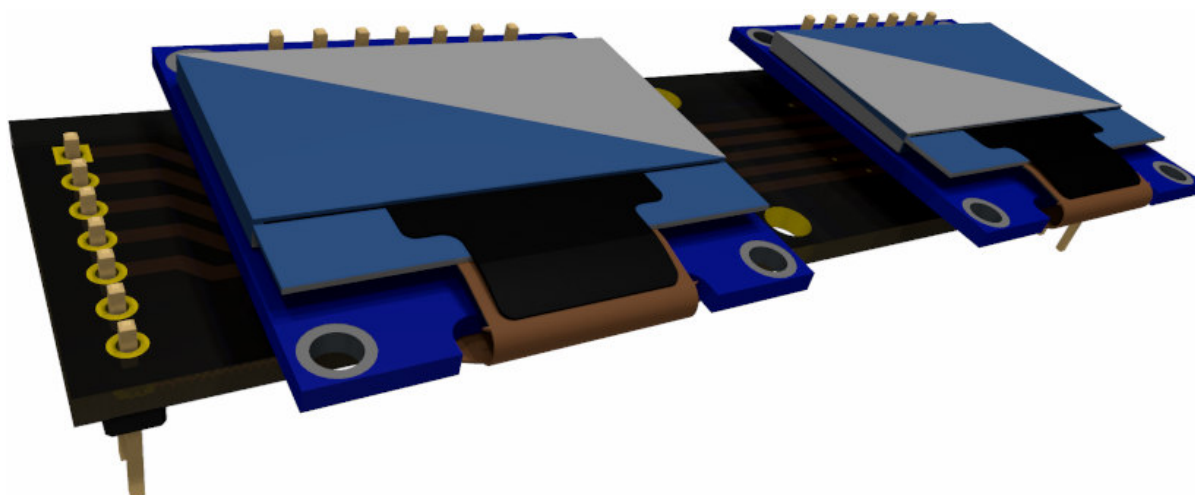


LRE8x2 096 SSD1306-BAR for Eurorack

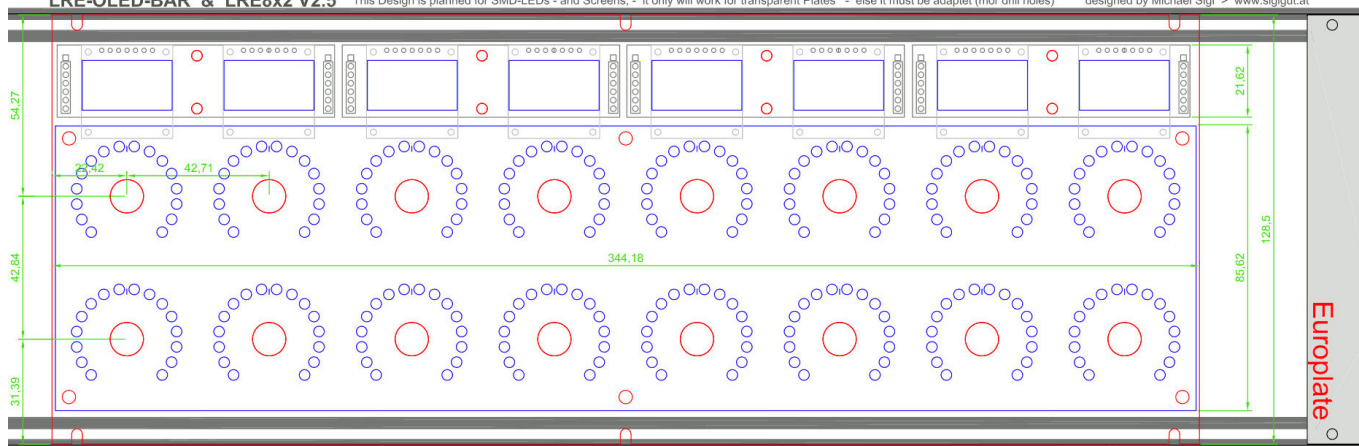


Eurorackpanel;

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.sigl.at

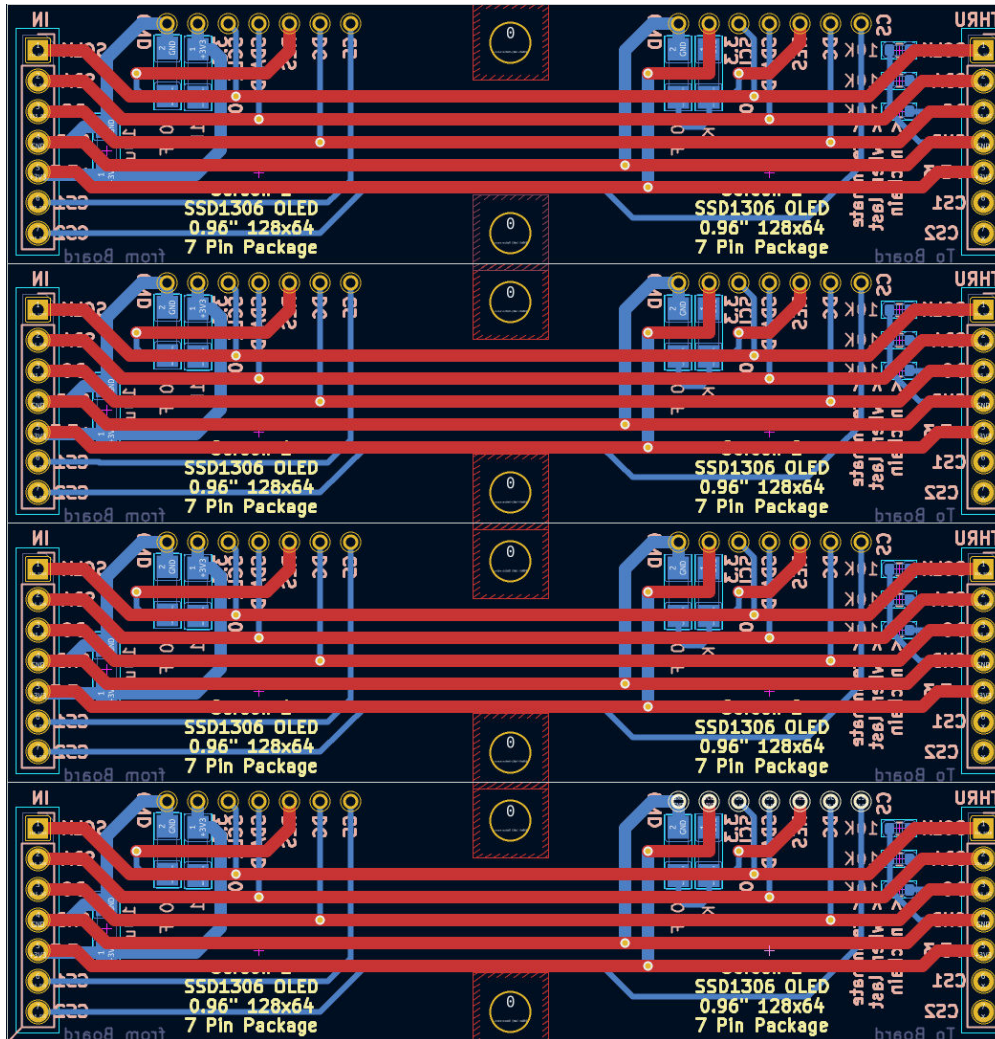


I made this PCBs to use it with Fairlightii's [mb-lre8x2cs_pcb](#)

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 [JLCPCB](#)

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



Home / My Account / Order history / W20220



Submitted



Paid



Reviewed



In Production



Shipped

2022-01-13

2022-01-13

Shipping Information

Shipping Address:

michael

Oberösterreich, Linz, Austria

Shipping Method: Standard Global Direct Line

Payment Information

Payment method: paypal

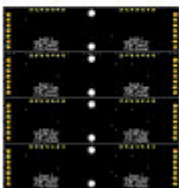
Payment received: 2022-01

Order total: €6.77

Item Details

Price Qty

Operate



LRE-OLED €1.75 5 pcs

Order Number: Y12-2436262A

Order Status: Reviewing

Gerber file: [LRE-OLED](#)

Build Time: 3 days

MERCHANDISE TOTAL: €1.75**SHIPPING CHARGE: €4.59****PAYPAL FEE: €0.44****ORDER TOTAL: €6.77**

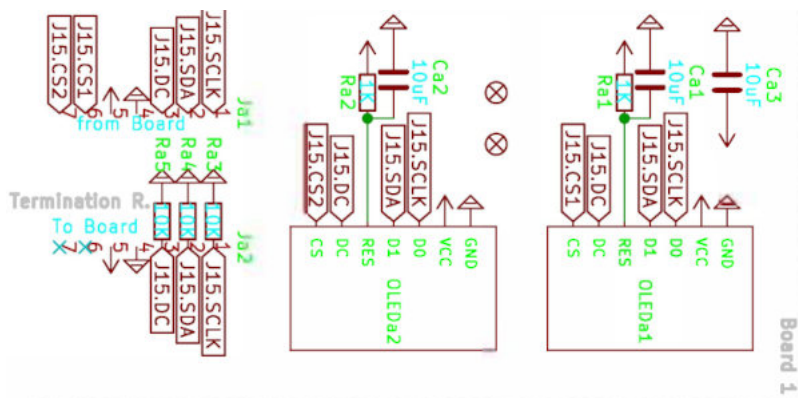
And they are working, they also V-Grooved on my marking without extra costs...

My next Revision would be a Micromatch header on the left side of the pcbs so i can directly interconnect to a Display Driver (crimping instead of soldering)

Hardware Requirements

- a MIO32 Core to connect too
- Soldering Iron - with a Dip that can Handle Thruhole-Parts, solder Paste...
- LRE8x2 for its nature use

Schematic



Full: [lre-oled-bar-schematic.pdf](#)

Building and BOM

The Values are printet on the PCB.

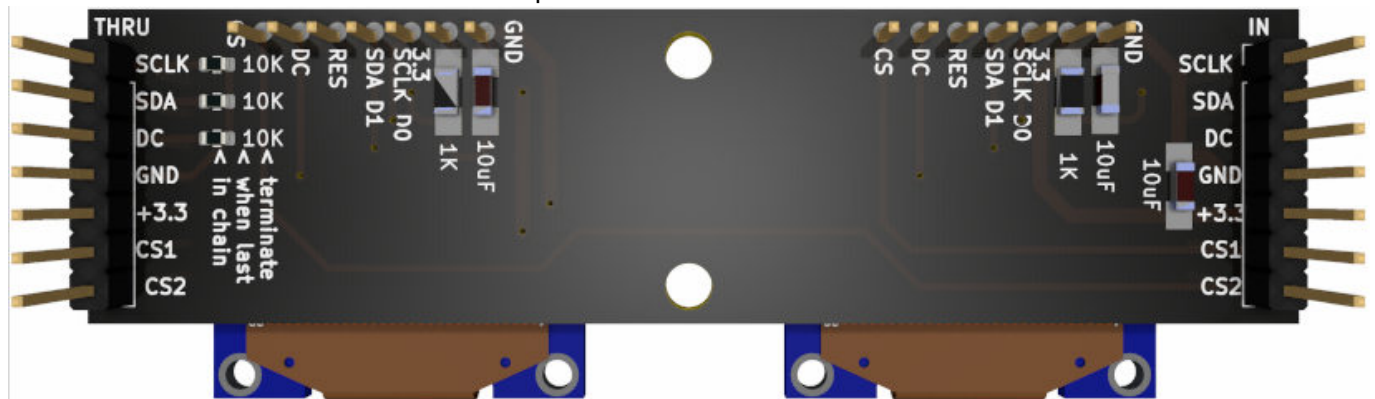
Following Quantity is for 4 PCBs:

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

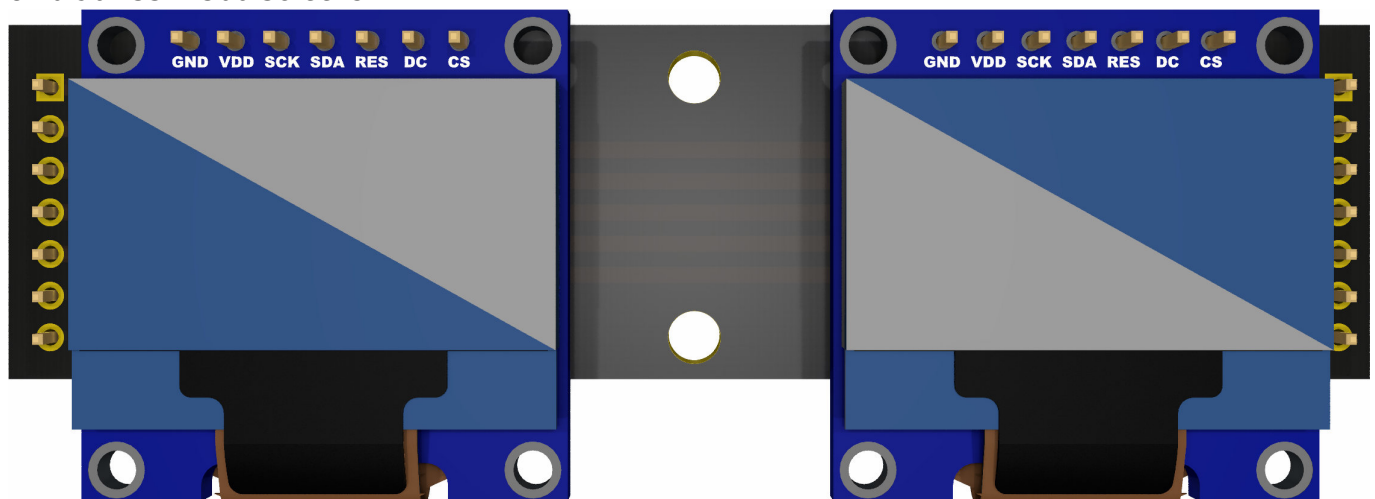
8x 1K 1208 SMD Resistors

12x 10uF 1208 Capacitors (non polarized)

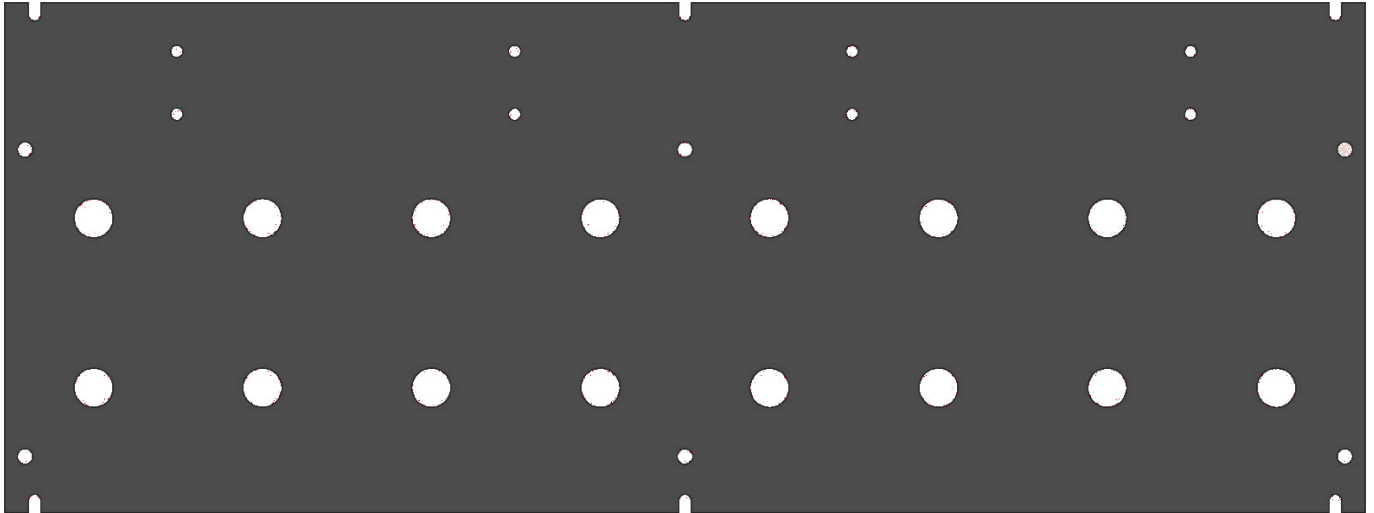
3x 10K 0603 SMD Resistors which are optional



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: [2xlr-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

The LRE-OLED-Bar & The Frontpanel are a Part of my [MSQ-CC-LRE-V2](#)
so look there for more information....

Community users working on it

- [Phatline](#) = PCB & Schematic, UI-Programming, Documentation...

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

From:

<http://midibox.org/dokuwiki/> - **MIDIbox**

Permanent link:

<http://midibox.org/dokuwiki/doku.php?id=lre-oled-bar>

Last update: **2022/02/04 14:22**

