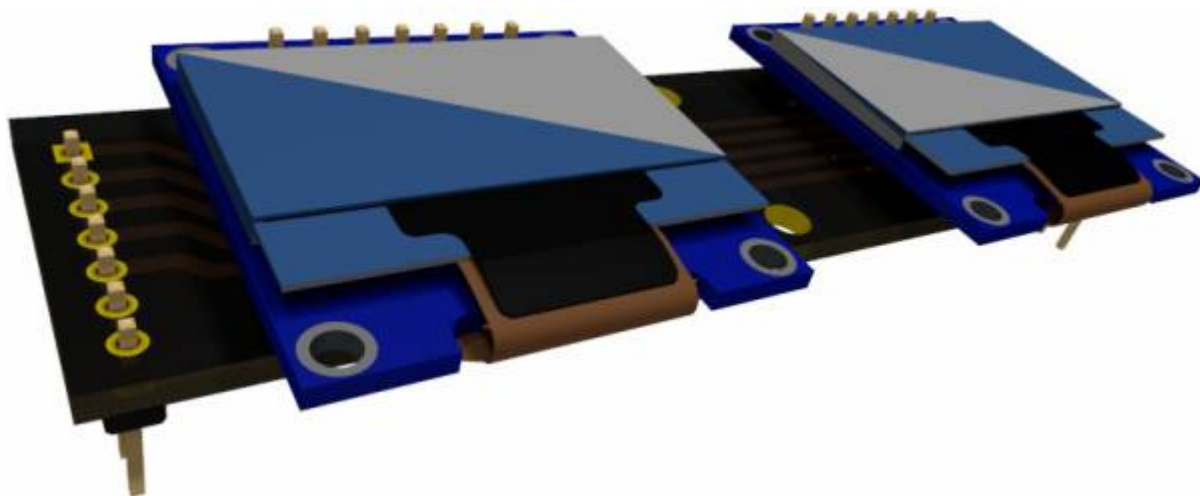


LRE8x2 096 SSD1306-BAR for Eurorack

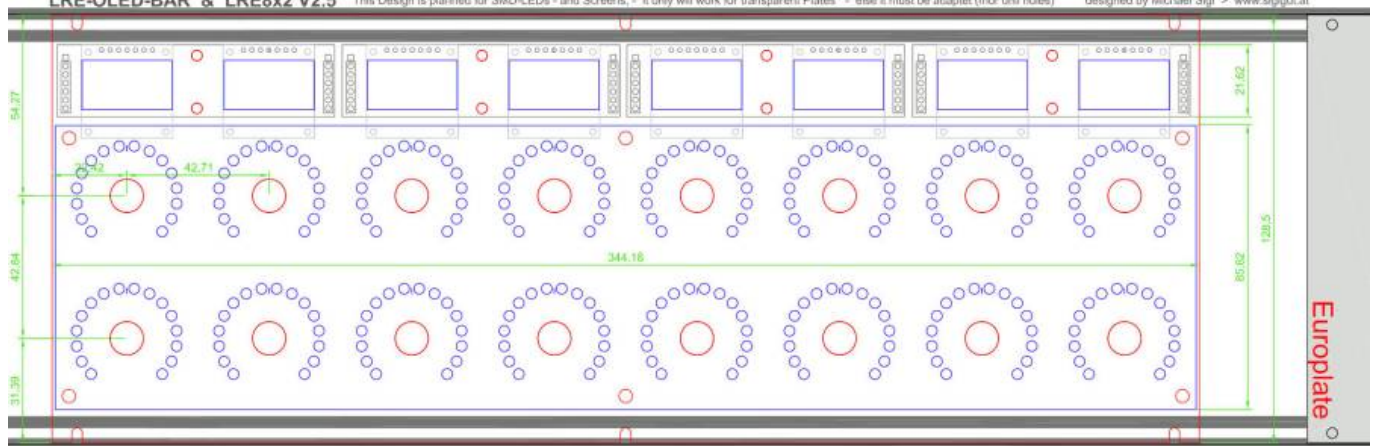


Eurorackpanel;

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 (more drill holes)

designed by Michael Sigi -> www.sigicut.at

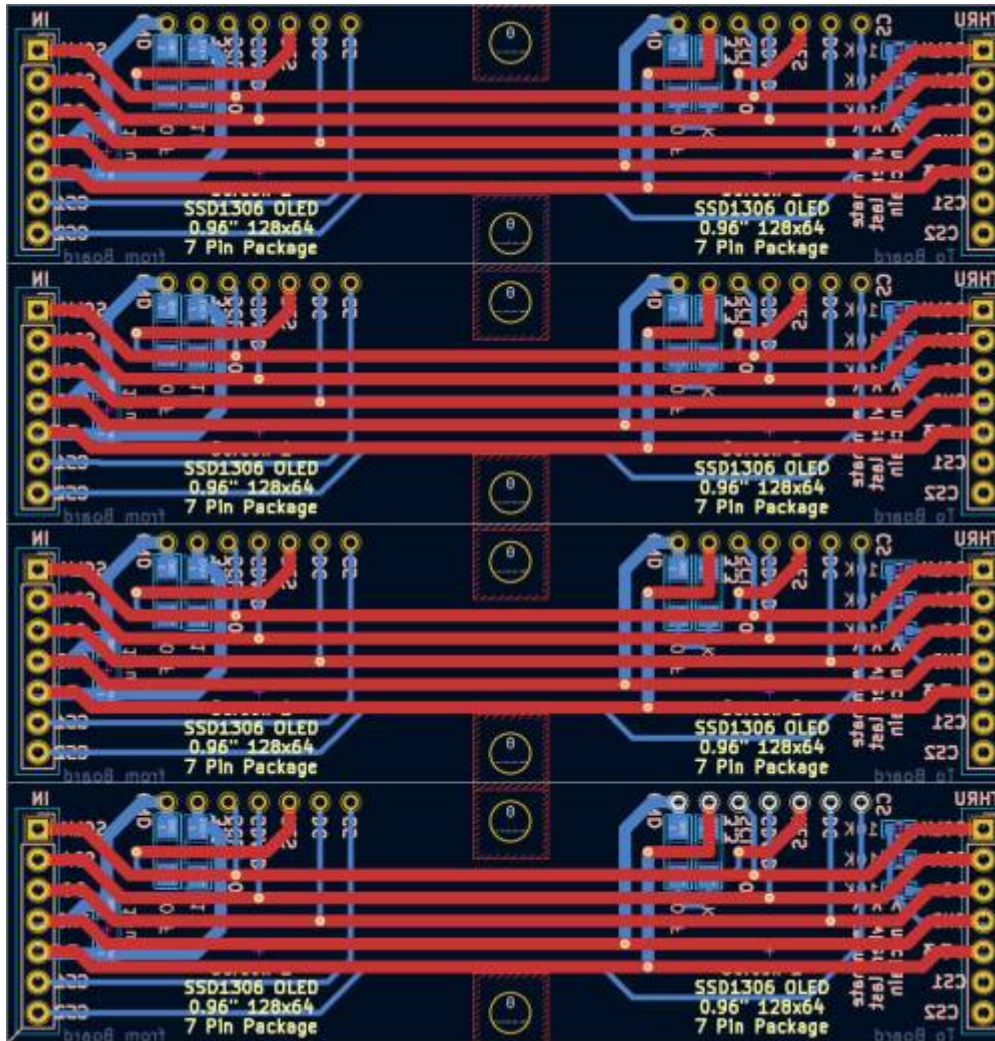


I made this PCBs to use it with Fairlightii's [mb-lre8x2cs_pcb](#)

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, ~~Landeshauptstadt Linz~~ 2017, 2023

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	MERCHANDISE TOTAL: €1.75
Order Number: Y12-2436262A			SHIPPING CHARGE: €4.59
Order Status: Reviewing			PAYPAL FEE: €0.44
Gerber file: LRE-OLED			ORDER TOTAL: €6.77
Build Time: 3 days			

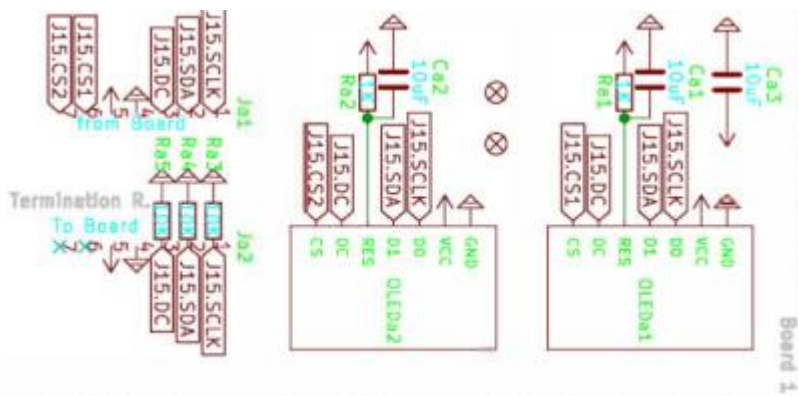
And they are working, they also V-Grooved on my marking without extra costs...

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: [Ire-oled-bar-shematic.pdf](#)

Building and BOM

The Values are printet on the PCB.

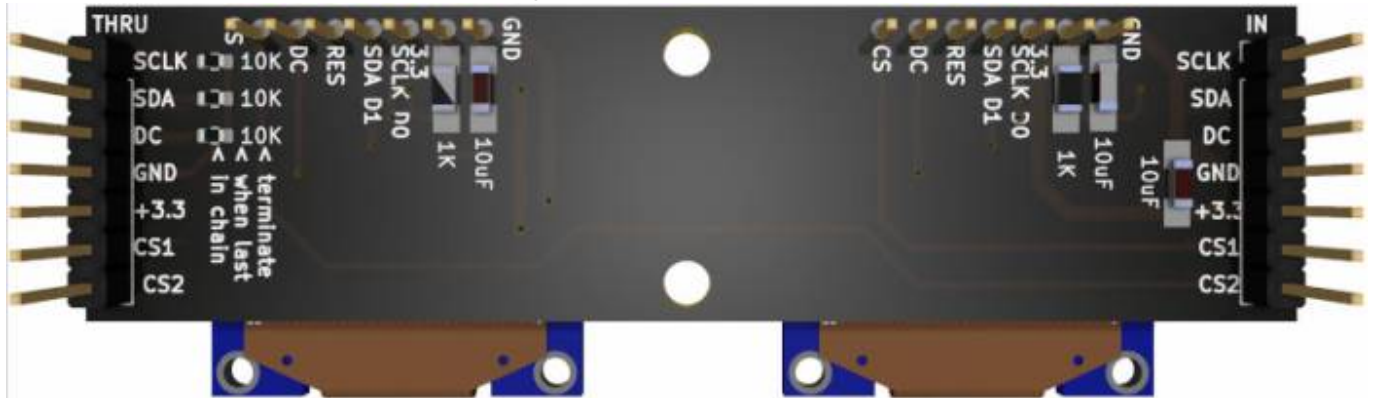
Following Quantity is for 4 PCBs:

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

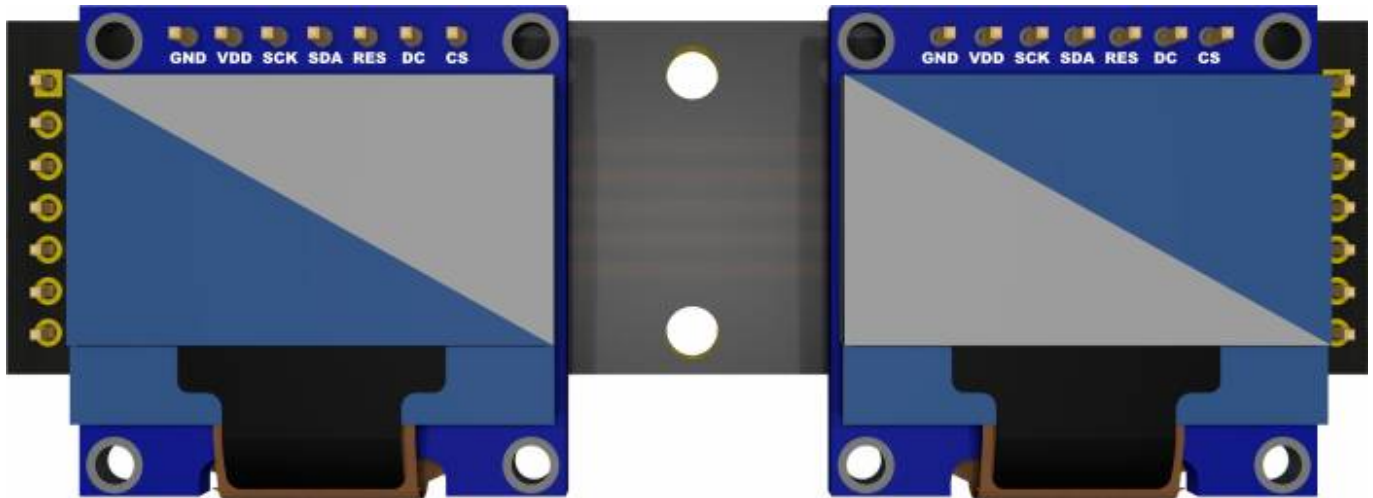
8x 1K 1208 SMD Resistors

12x 10uF 1208 Capacitors (non polarized)

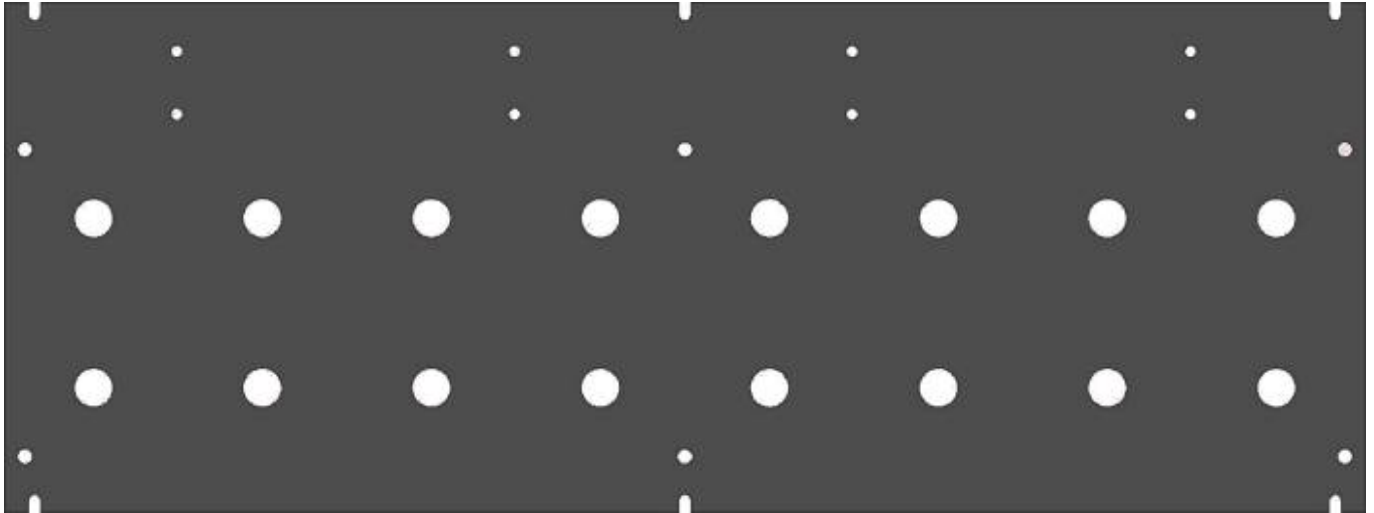
3x 10K 0603 SMD Resistors which are optional



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 only a Port 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://www.midibox.org/dokuwiki/> - **MIDIbox**

Permanent link:
<http://www.midibox.org/dokuwiki/doku.php?id=lre-oled-bar&rev=1643984564>

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

