LRE8x2 096 SSD1306-BAR for Eurorack
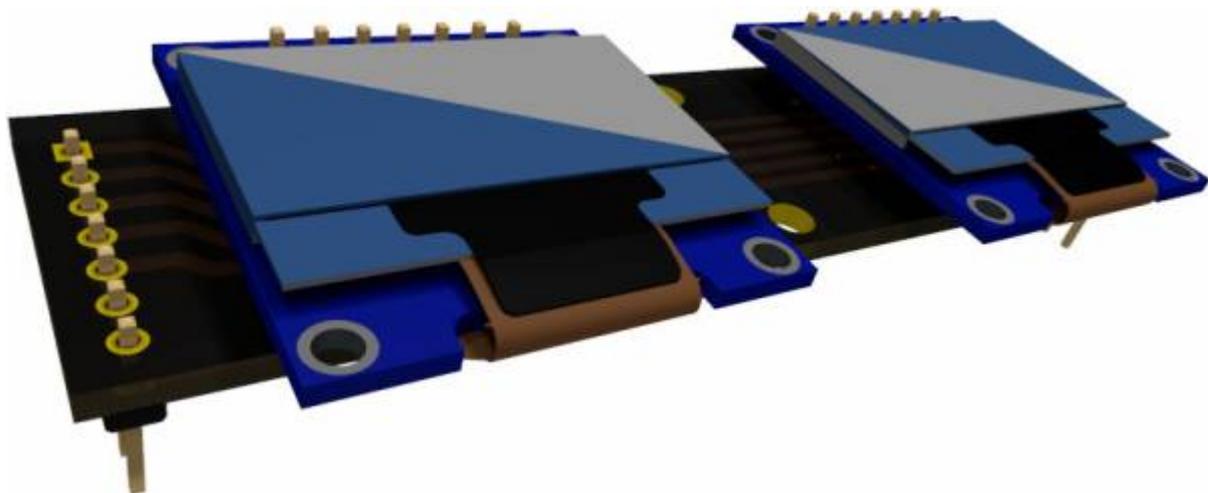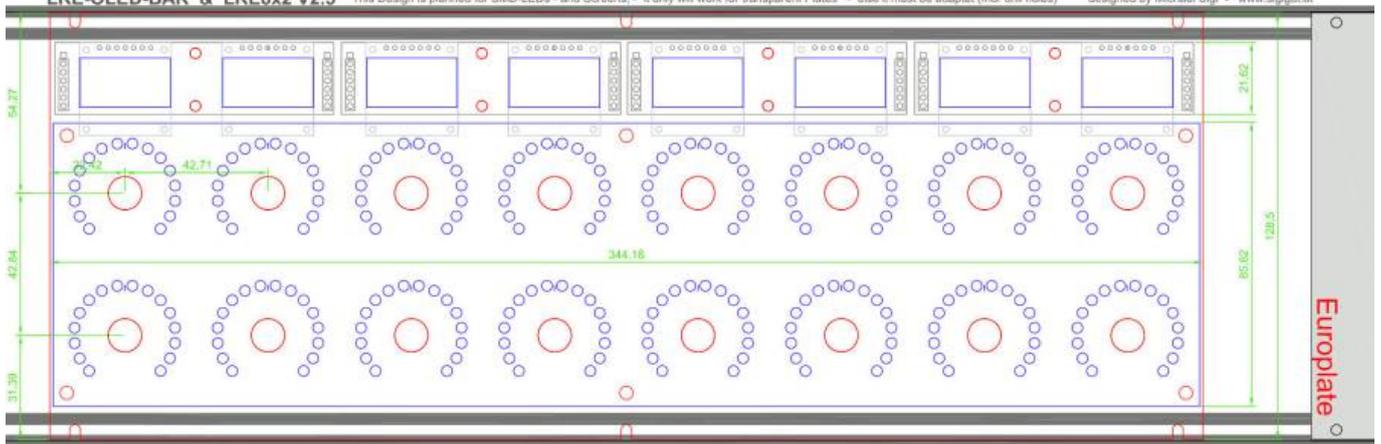
I made this PCBs to use it with Fairlightii´s mb-lre8x2cs_pcb

4x PCBs on one 100x100mm
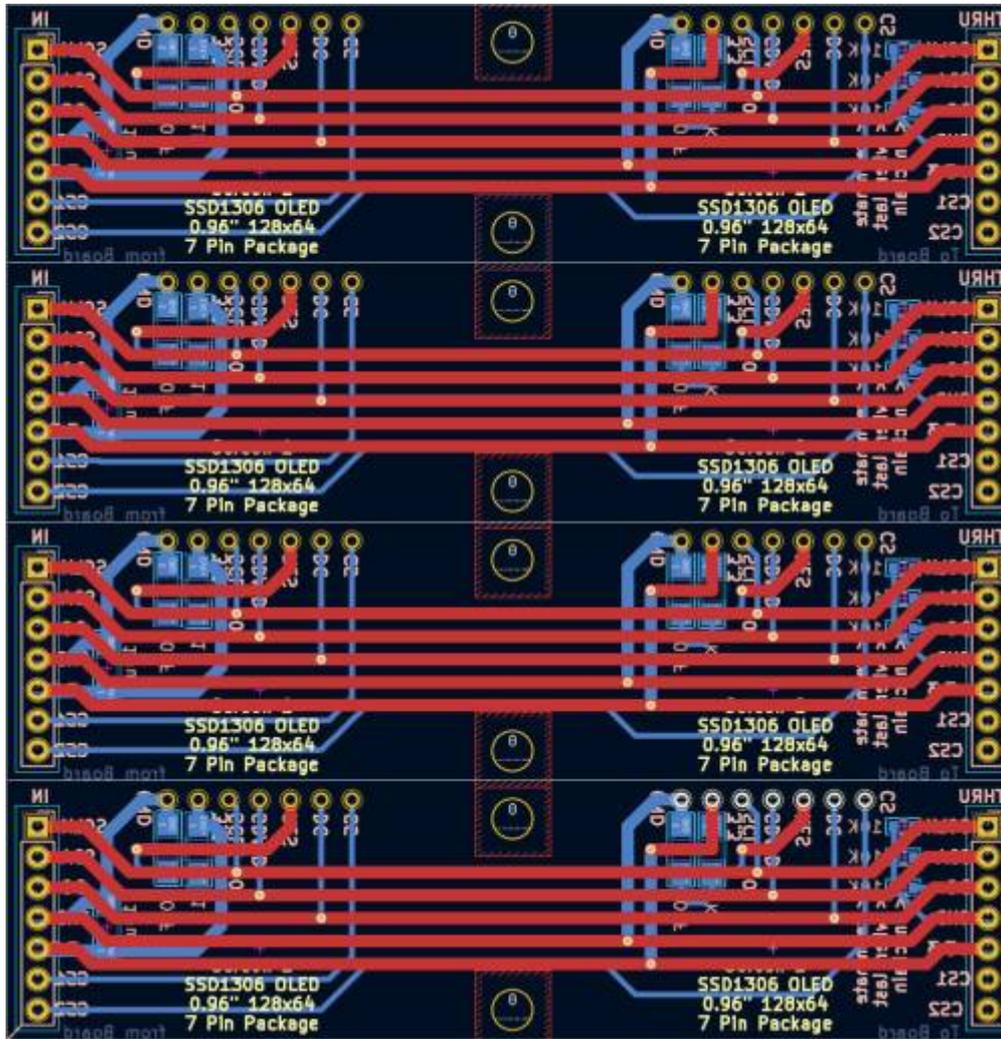there is no V-Groove, you have to cut it on the marking
groove it on top and back, with a new sharp cutter, do it several times, then break it

With this Method you pay for 20 PCBs 8€ all inclusive to EU-Austria
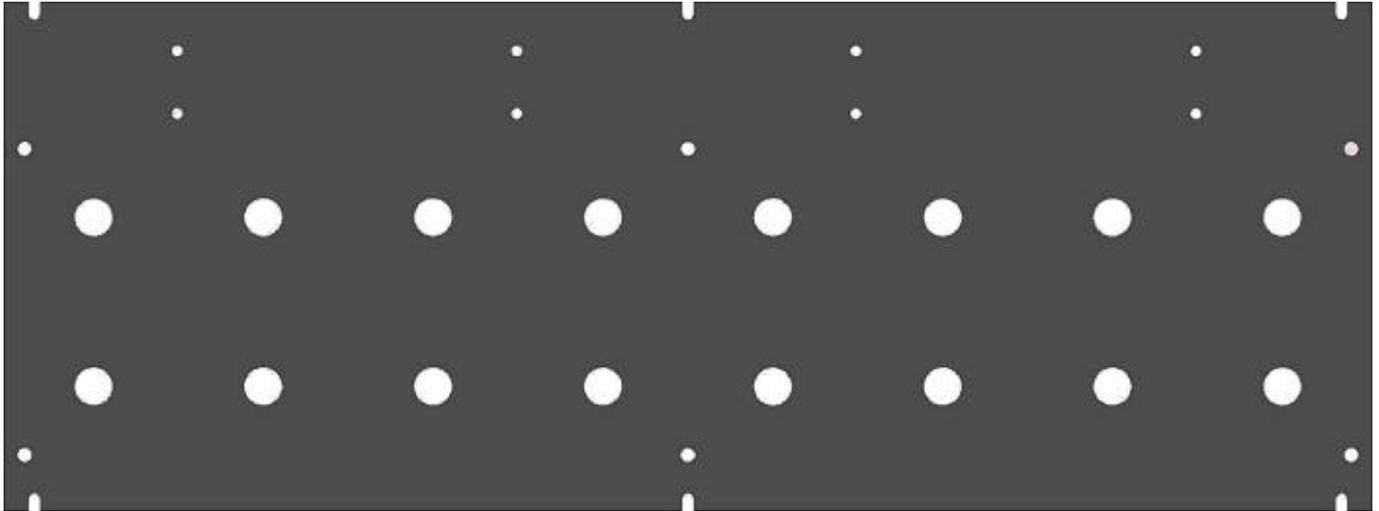So you can Stuff 5 LRE8x2 with this.
Here are the gerberfiles for production - testet on JLCPCB
lre-oled-reva-gerber.zip

Hardware Requirements

- a MIOS32 Core to connect too
- Soldering Iron - with a Dip that can Handle Thruhole-Parts, solder Paste...
- LRE8x2 for its nature use

Shematic

Full
lre-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, i panalized it so there are 2 Plates in it
I payed 40€ summed for booth plates incl shipping from Germany to Austria
[2xlre-oled-bar-dxf.zip](#)

To Do

nothing- its the first protypte

Community users working on it

- **Phatline** = PCB & Shematic, UI-Programming, Documentation…

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