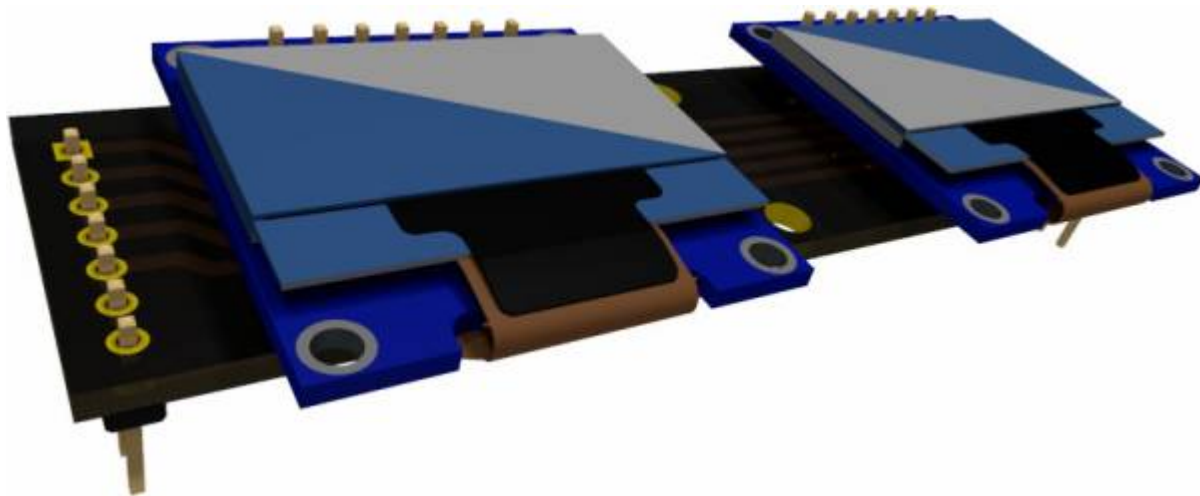


LRE8x2 096 SSD1306-BAR for Eurorack

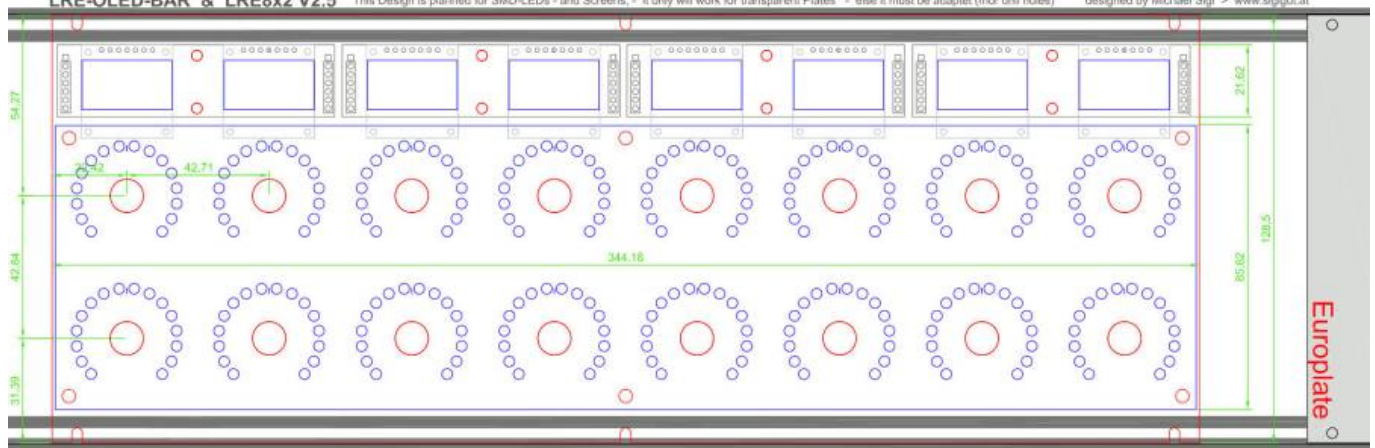


Eurorackpanel;

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)

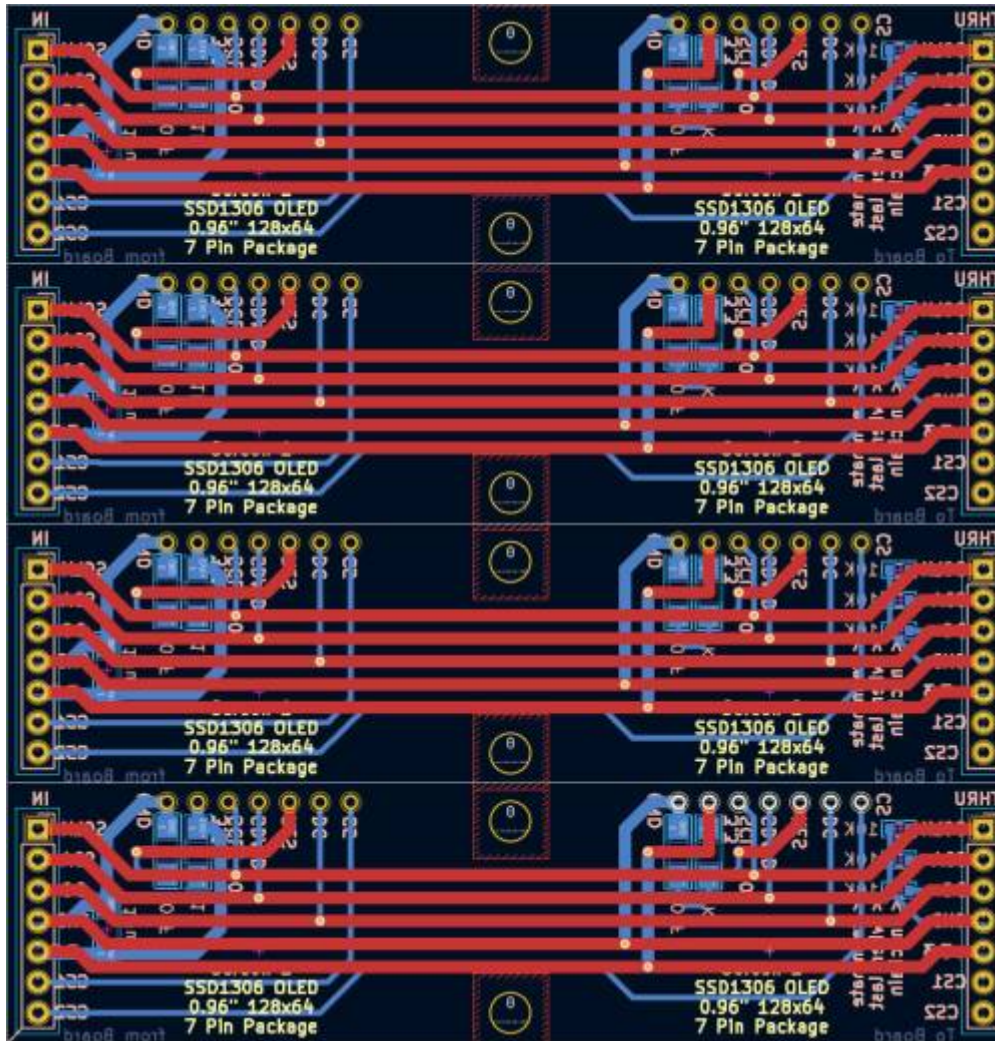
designed by Michael Sigi > www.sigicut.at



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.

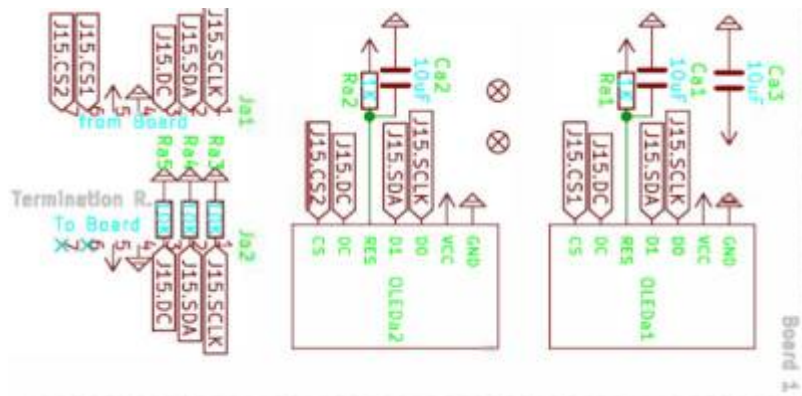
Here are the gerberfiles for production - testet on JLCPCB

[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

Schematic



Full Shematic:

lre-oled-bar-schematic.pdf

Building and BOM

The Values are printet on the PCB.

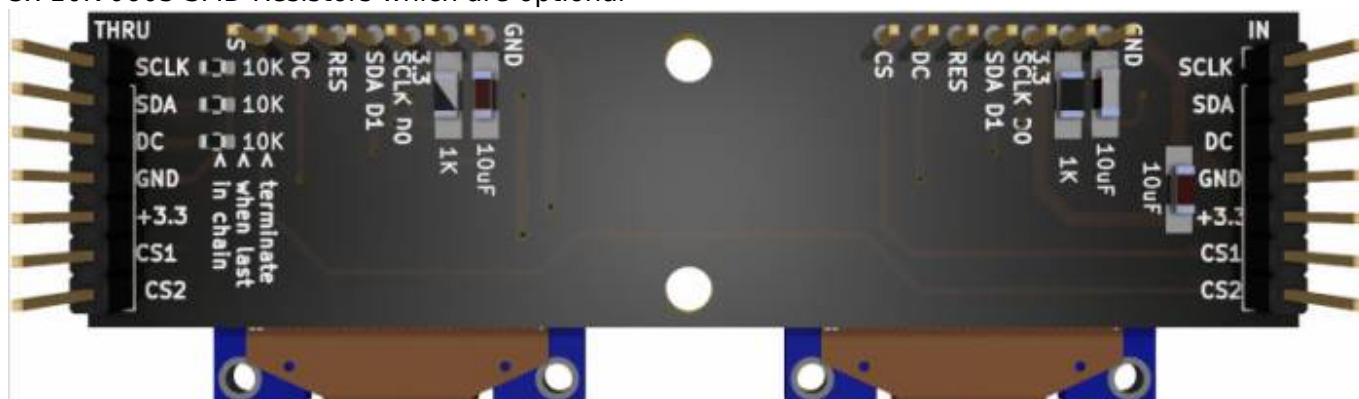
Following Quantity is for 4 PCBs:

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

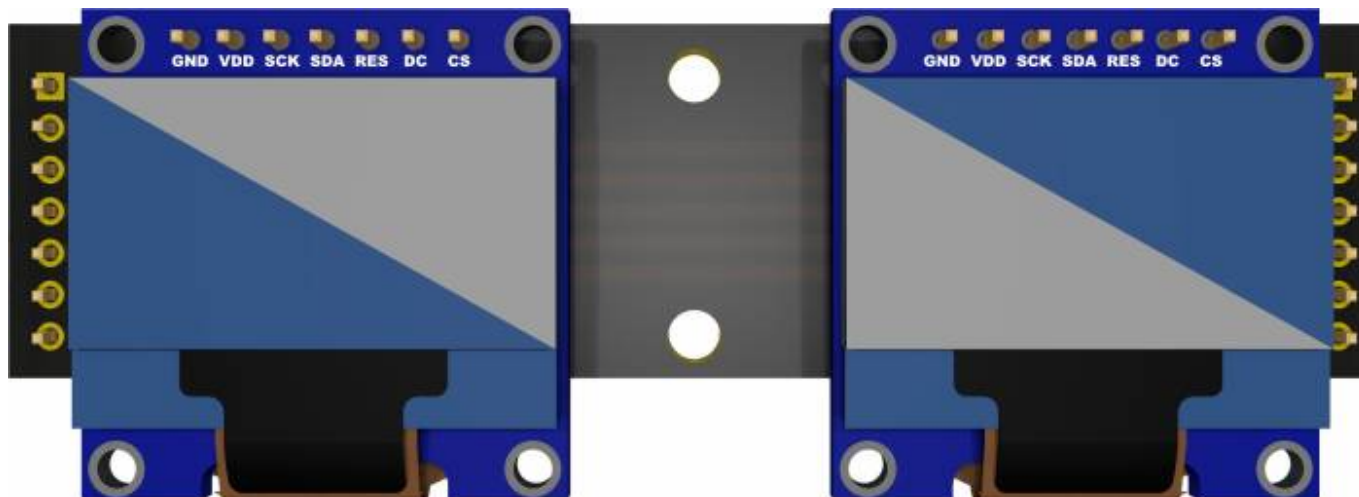
8x 1K 1208 SMD Resistors

12x 10uF 1208 Capacitors (non polarized)

3x 10K 0603 SMD Resistors which are optional



8x 0.96" SSD1306 Screens



To Do

nothing- its the first protypete

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://wiki.midibox.org/> - **MIDIbox**

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Last update: **2022/01/13 03:16**

