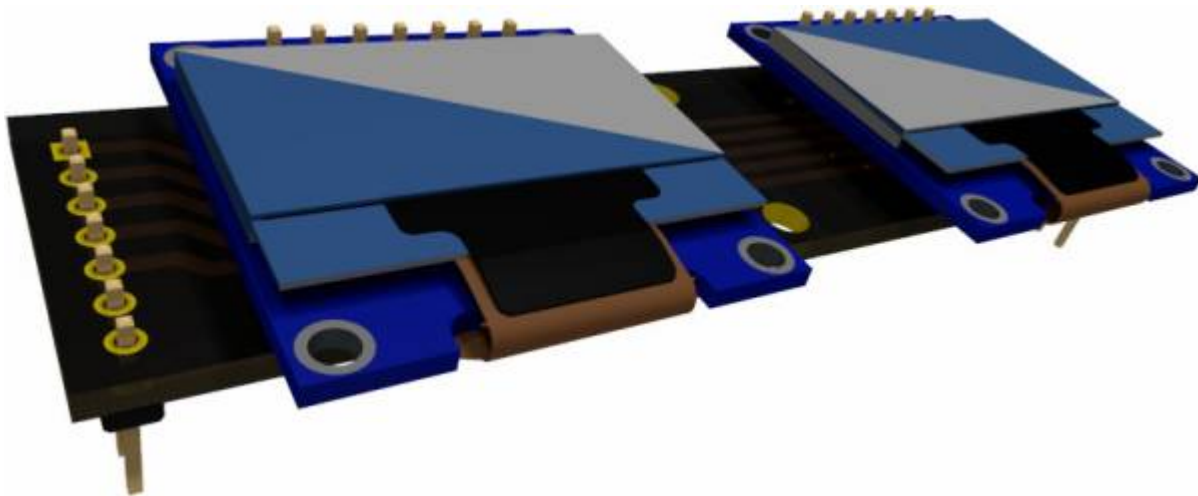


LRE8x2 096 SSD1306-BAR for Eurorack

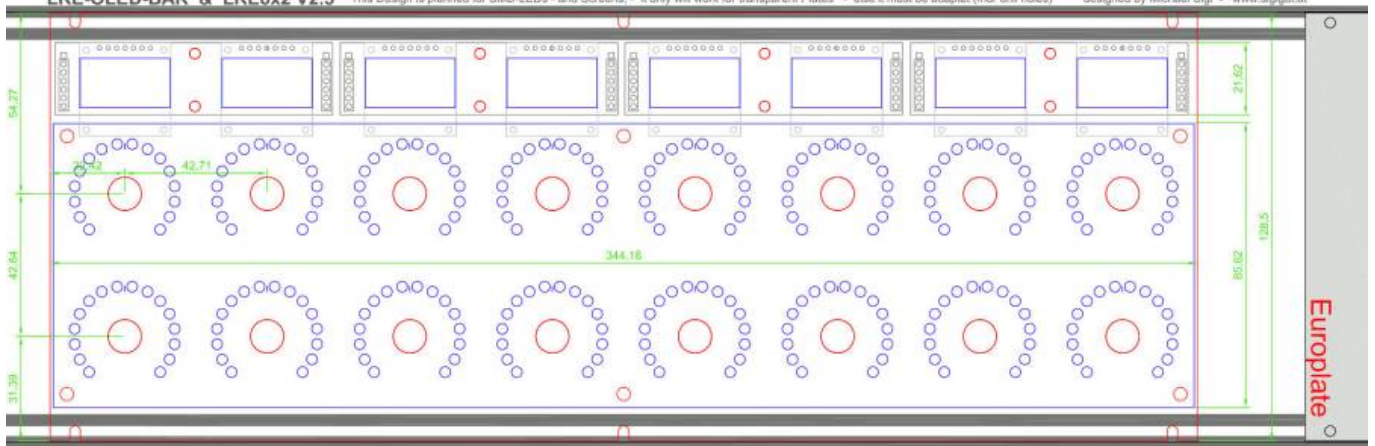


Eurorackpanel;

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



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.

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

BOM LCSC

these are the parts which must be handsoldered

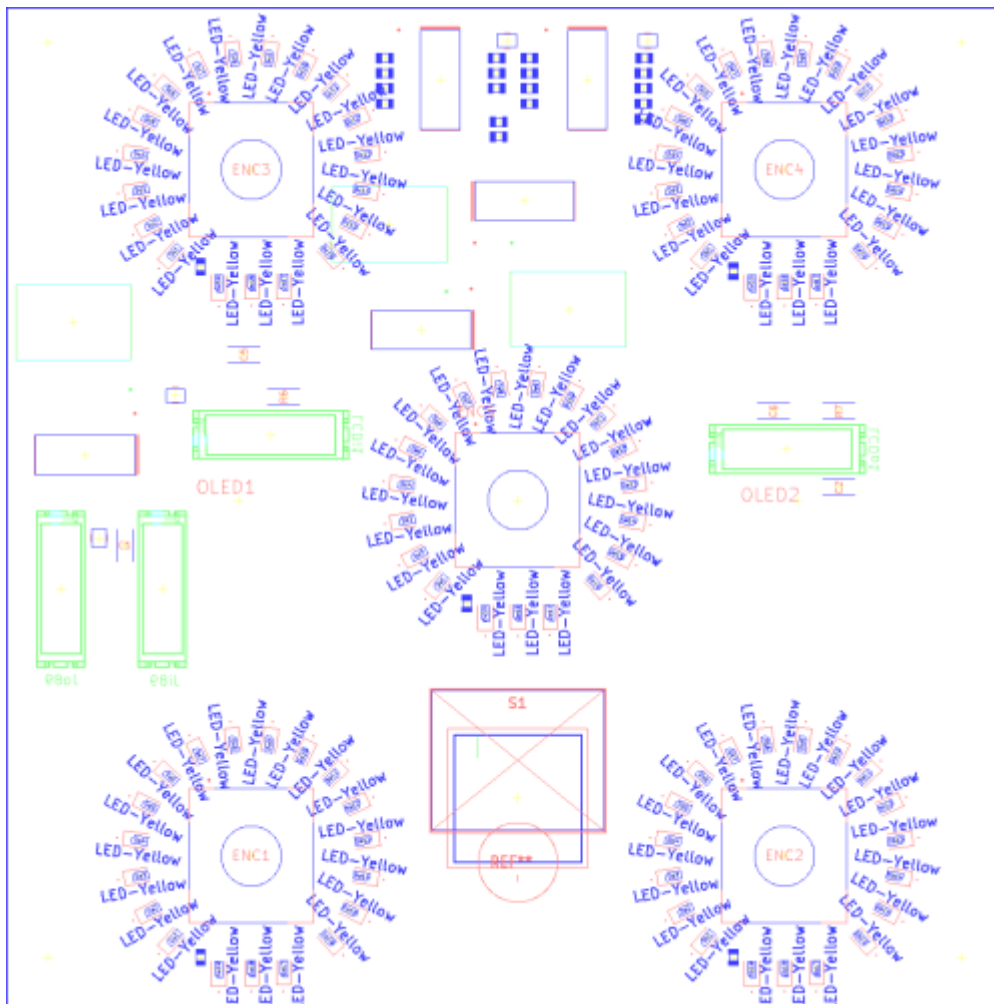
Comment	Designator	Footprint	LCSC Part Number	Lot
ULN2003ADRW	Q1-Q3	SOIC-18_300mil	C9683	3
PEC11R-4015F-S24	ENC1-ENC5	tht	C143789	5
Micromatch-2x5	LCDi1,LCDo1,Ji89,Jo89	tht	C590954	4
Switch	S1	tht	C273513	1

S1 can be stuffed with: Matias, CherryMX, MEC-3FTH9, TL1265

BOM AliExpress

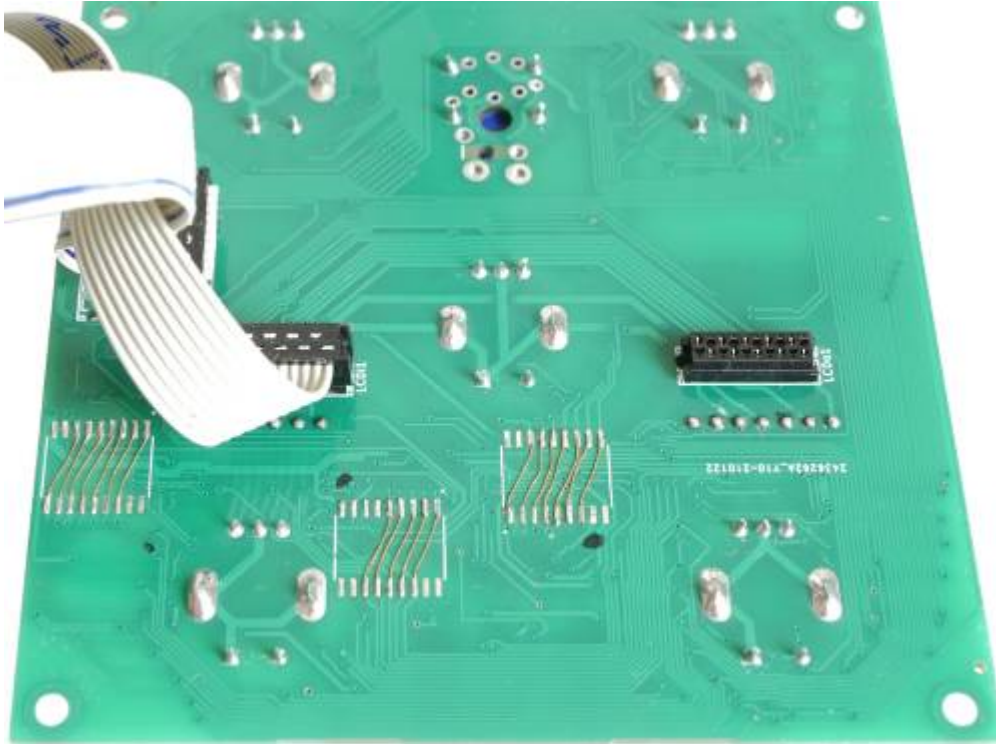
[2xSSD1306-7Pin](#)

PART Locations



To Do

making Revision 2, because in 1 the Transistor-Array-Fottprint is wrong and had to bridged



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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Last update: **2022/01/13 03:11**

