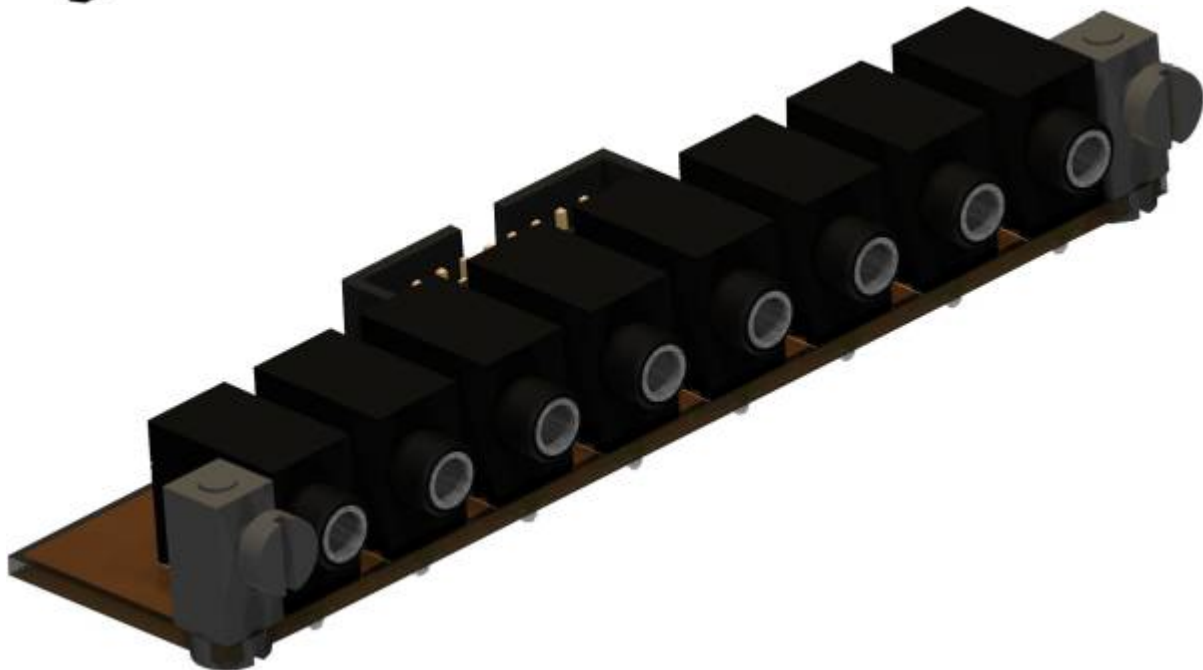
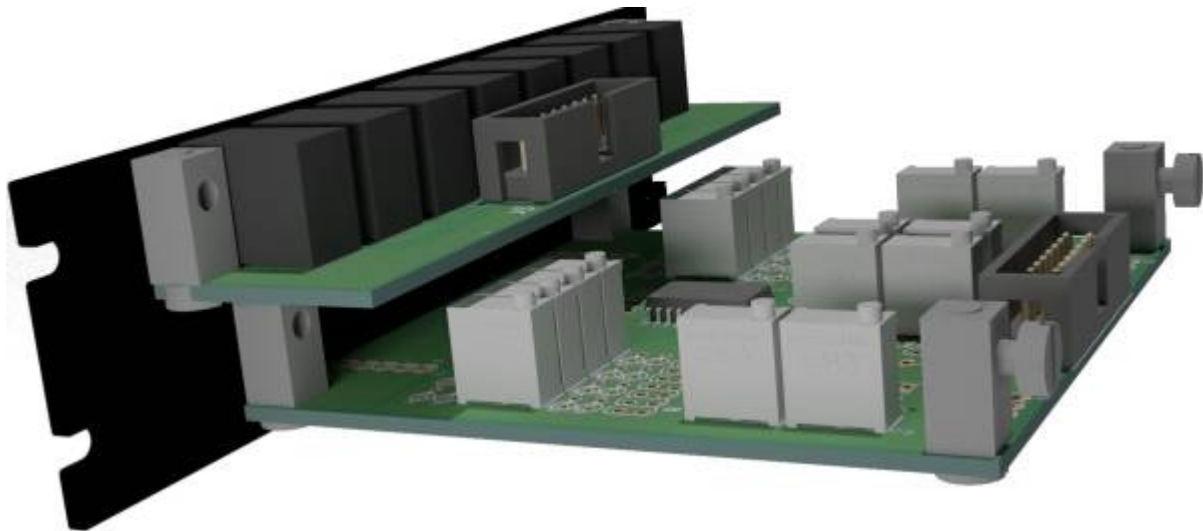
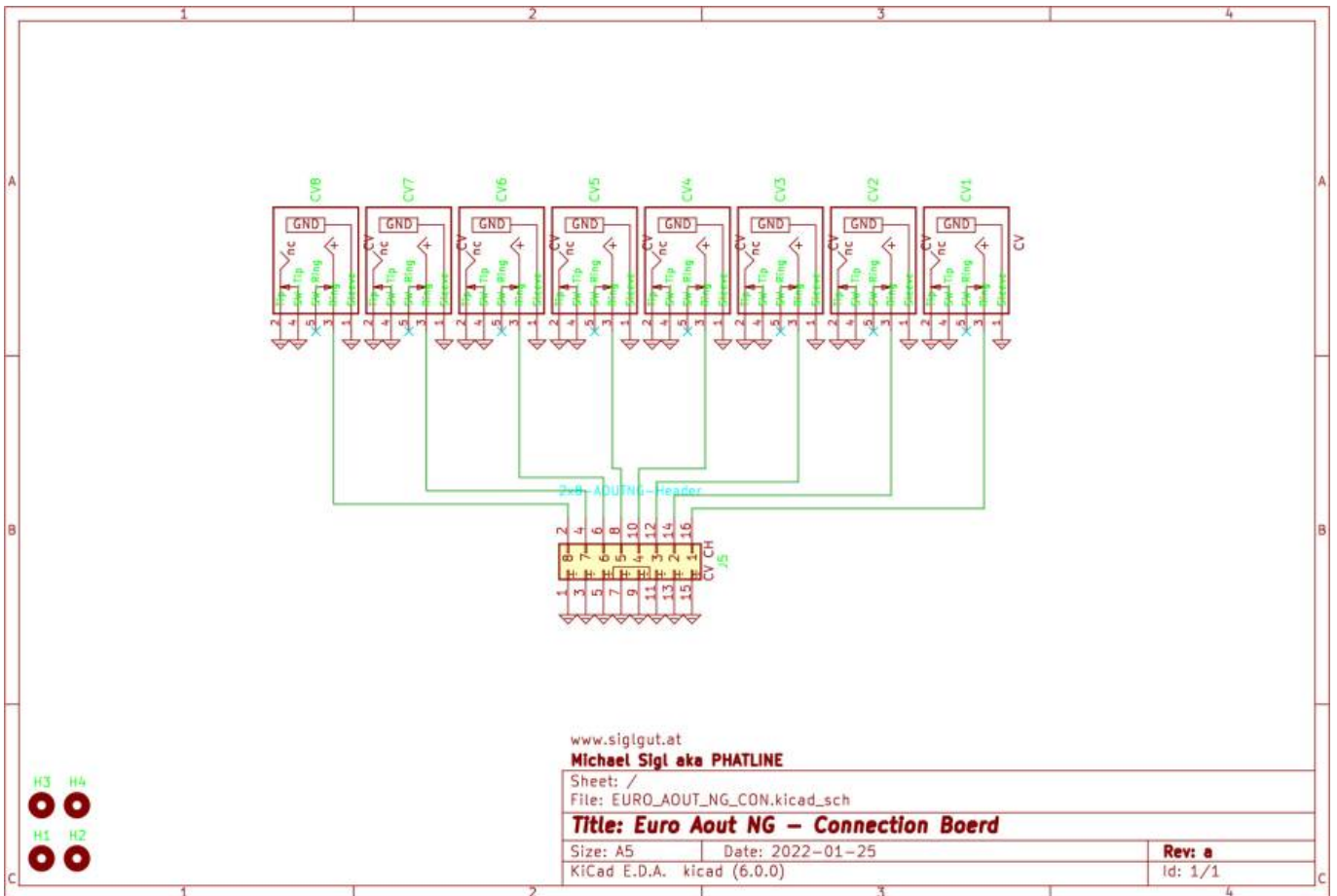
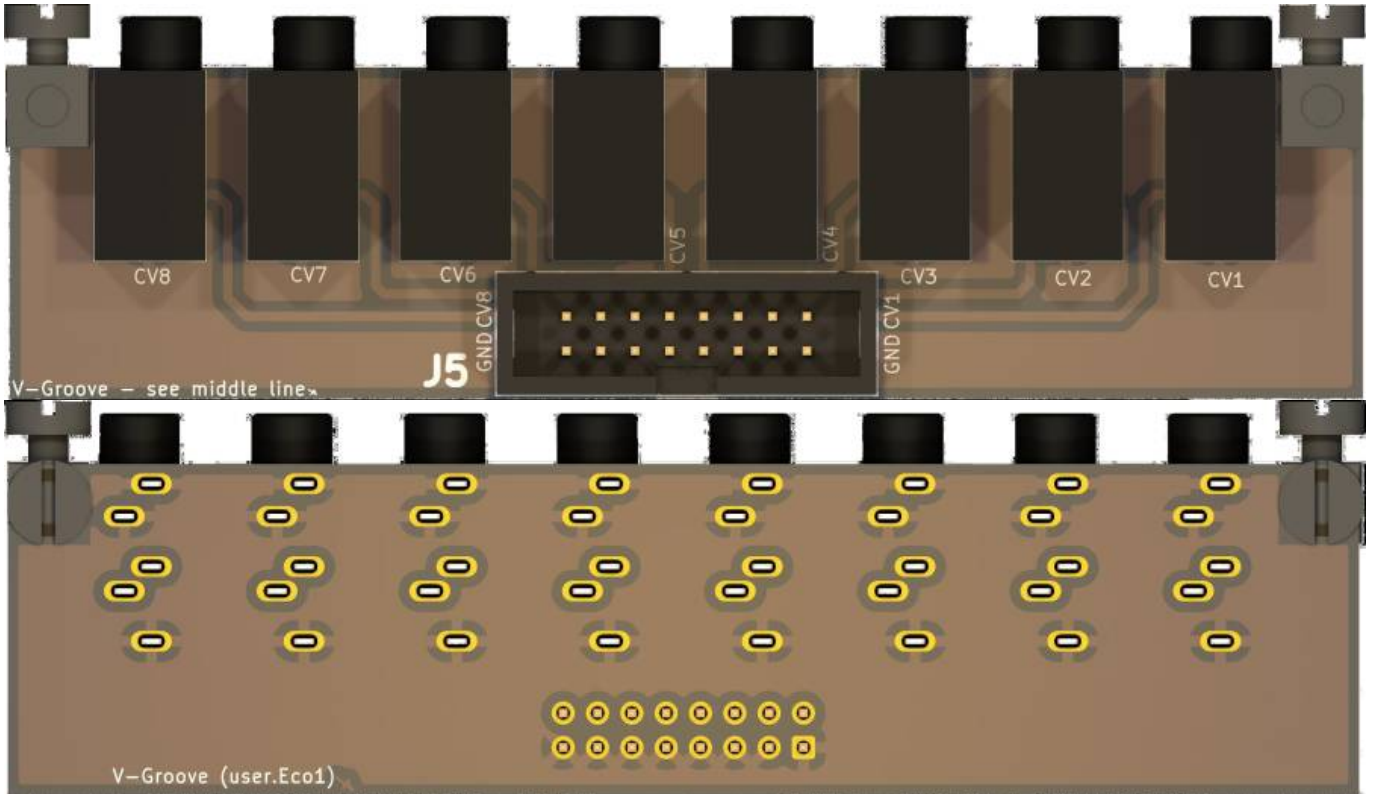


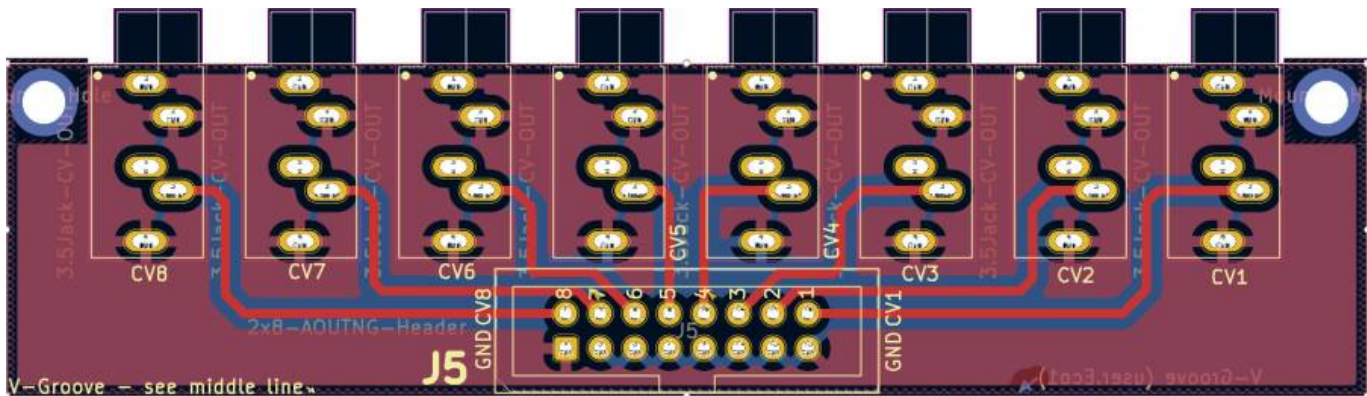
EuroRack - AOUT-NG - IO-Port and Frontpanel



PCB Size is 100x40mm







Hardware Requirements

- Soldering Iron - with a Dip that can Handle Thruhole-Parts solder Paste...
- The other Parts from the BOM
- a Midibox Core32 + Aout-NG

Building and BOM

All necessary Information is printet on the PCB, but also check the Schematic...

Mouser:

| Ref | Q | mouser | Type | Footprint | Description |
|-------|---|-----------------|----------------|----------------------------------|--|
| J5 | 1 | 517-30316-6002 | 2x8 Pin Header | 2x8 Pin Header 2.54 * 2.54 Pitch | to connect to Aout-NG J5 |
| J5 | 2 | 710-61201623021 | 2x8 Pin Header | 2x8 Pin Header 2.54 * 2.54 Pitch | to connect to Aout-NG J5 |
| U3 | 1 | 771-74HC14D-T | 74HC14 | SOIC-14 | SOLDER SKILLS |
| Cable | 1 | 617-09180407001 | Flat | | a quantity forEver - you may have that already |

2x [Leiterplatten Montageblock aka Standoffs](#) 100x summed 30€

You will also need M3 Screws - 2 off them...

Also here it is clever to order 100 pieces for a cheaper price - you will need this on all my projects...

if you order the PCB via my Gerbers you get 4 PCB on 1 100x100mm PCB... on JLCPCB you get min 5 of these PCBs... so you may order the needet Parts 20x times

Frontpanel

Recommend Material

2mm x 128.5 x 17.78 Aluminium, anodised

A cheaper way is: order a 1,6mm thick Aluminium PCB as Frontpanel:

I will test this... this are the gerbers:

To Do

waiting for the PCBs and Panels...

Community users working on it

- **Phatline** = PCB & Schematic, Documentation...

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

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