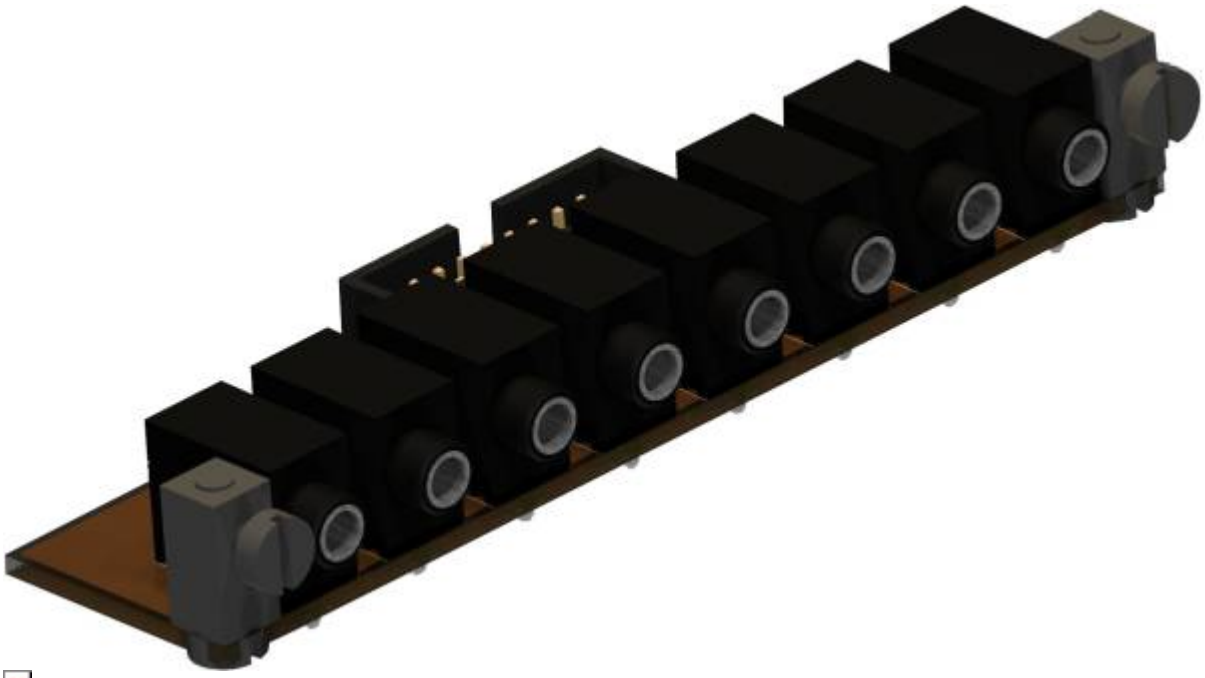
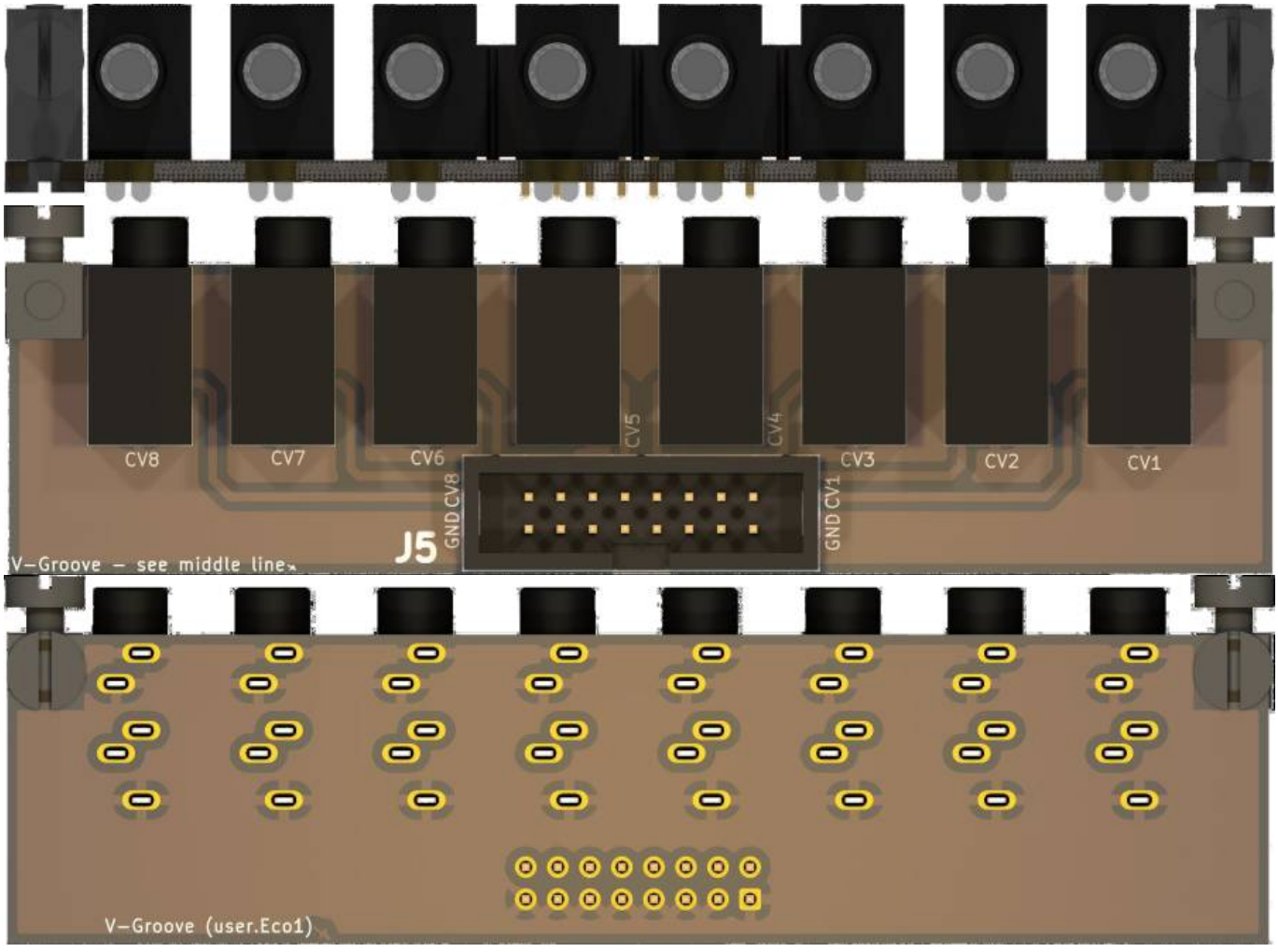
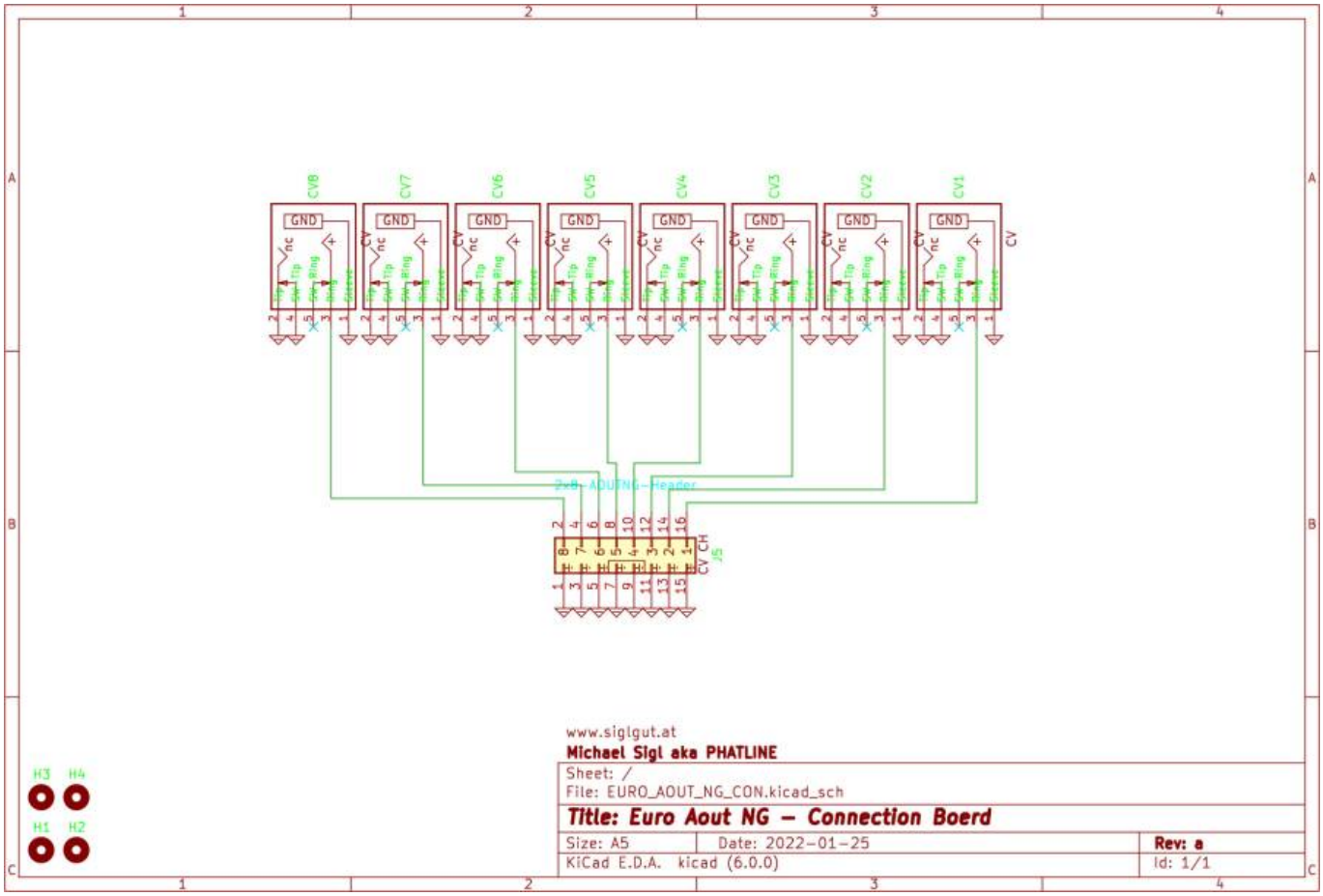
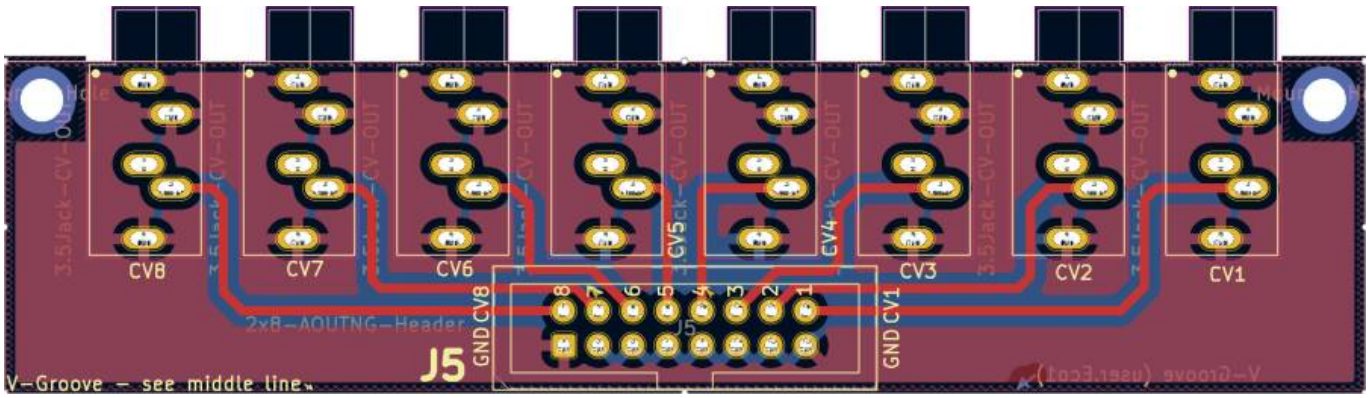
# EuroRack - Midi IO - Board



**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 necessery Information is printet on the PCB, but also check the Shematic...

**Mouser:**

| Ref | Q | mouser | Type | Footprint | Description |
|---|---|---|---|---|---|
| J5 | 1 | 517-30316-6002 | 2×8 Pin Header | 2×8 Pin Header 2.54 * 2.54 Pitch | to connect to Aout-NG J5 |
| J5 | 2 | 710-61201623021 | 2×8 Pin Header | 2×8 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 thes 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 & Shematic, Documentation...

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

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