

OPERA ROTAS QUICK BUILD GUIDE

(rev 1.05, jan 2022)

Current PCB comes with all components presoldered except:

- 16 switch buttons
- 16 pots (vertical b10k. Any linear vertical pot will be ok)
- OLED Screen
- 2x20 pin female sockets (for the bluepill microcontroller)
- The programmed bluepill itself
- 2x stereo 3.5mm female jack (PJ324)
- An OPL2 Board

SOLDER in this order

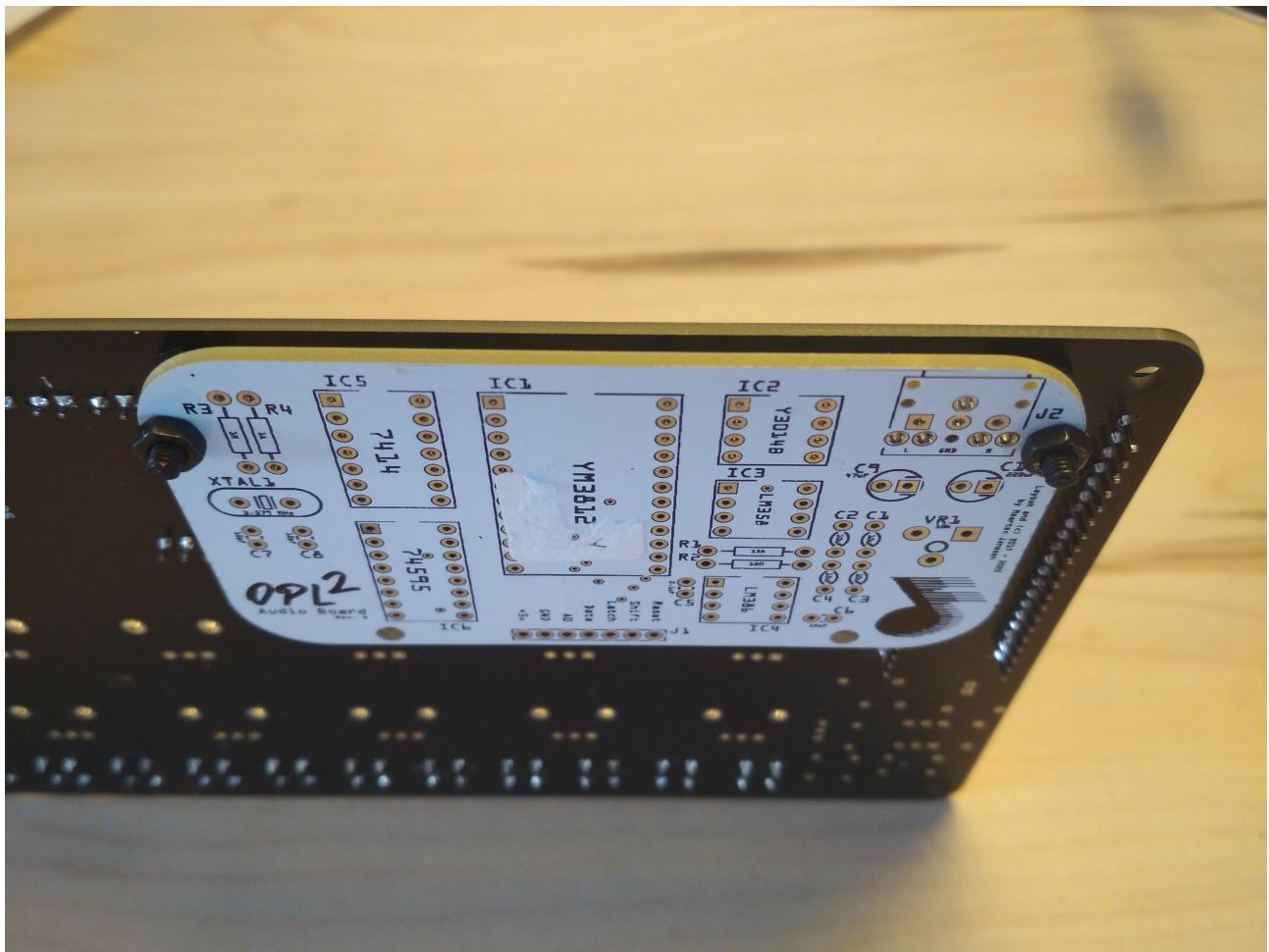
1-Switch buttons

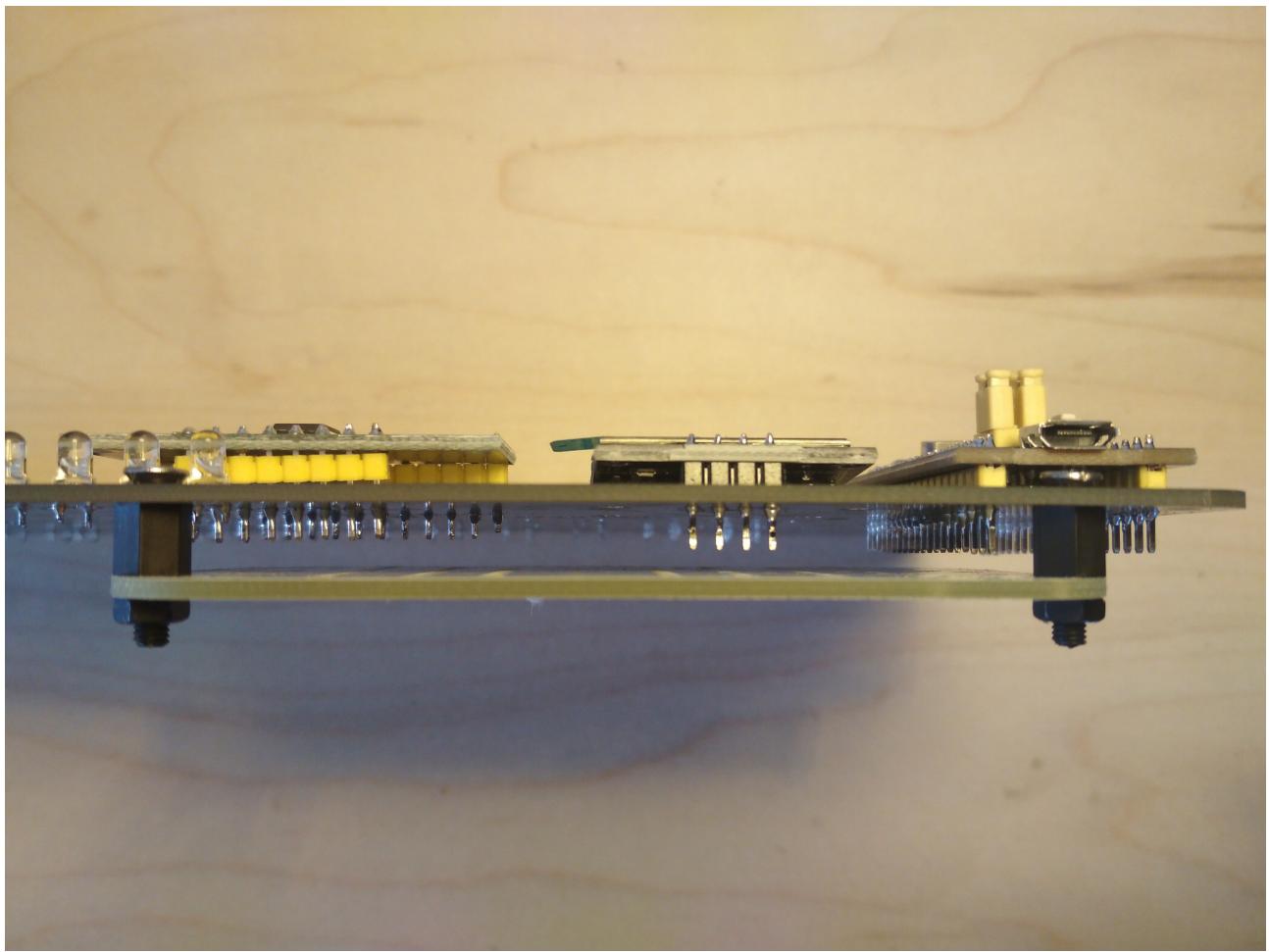
2-Pots

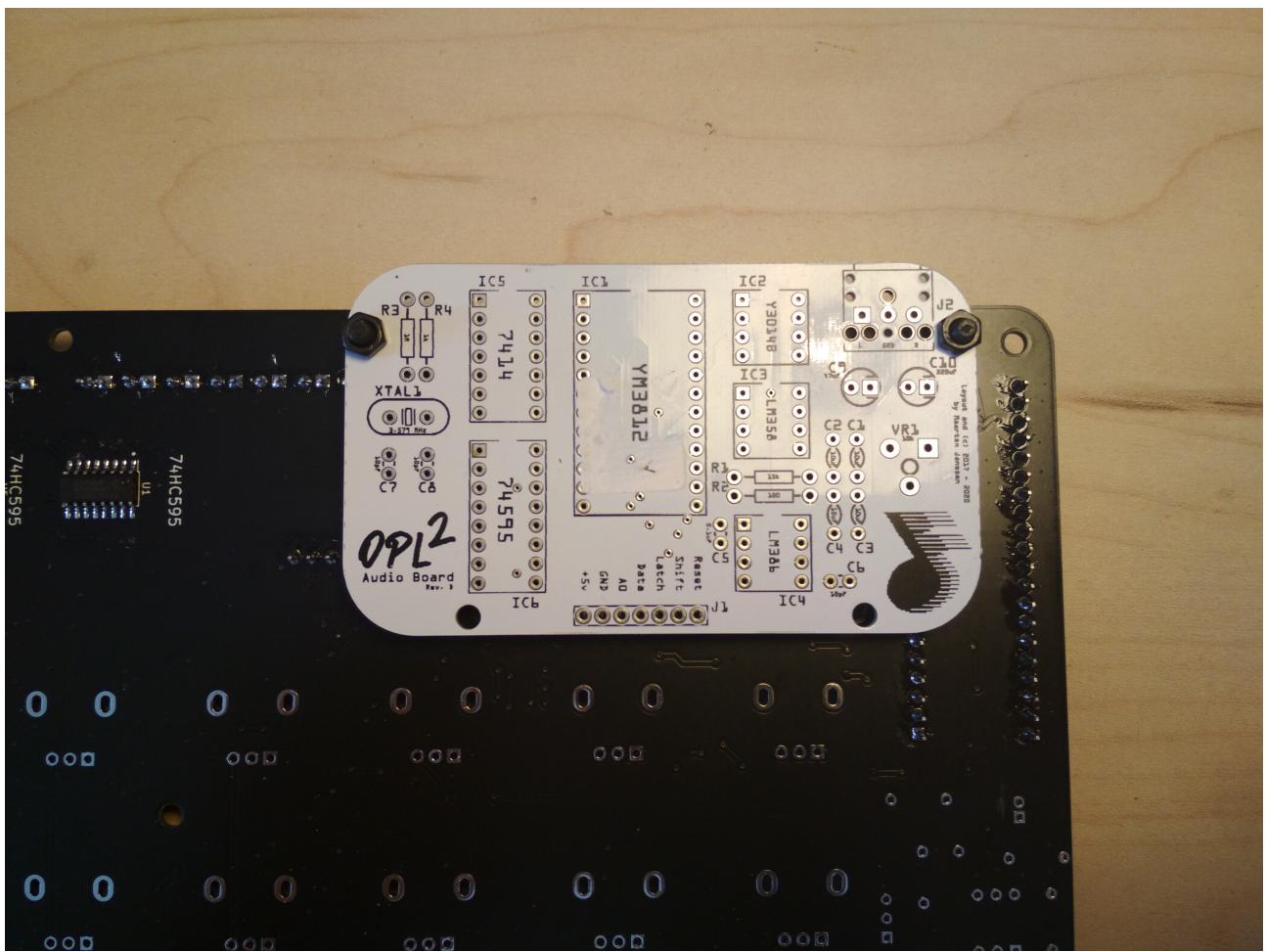
3-Screen

4-Bluepill board

5-OPL2 Board. Build the Opl2 board first. Then screw the 2 spacers as shown in the photo. The OPL2 board needs to be in the same orientation as in the photo.







You can solder it with a standard 7 pins male header (which I dont recommend) or you can solder it using 7 resistors as show in the photo (recommended. It allows you to turn the OPL2 board in case you want to fix or hacking something. If you use the fix male header that is way more difficult in case you need to desolder it)

