

Ø ANTUMBRA

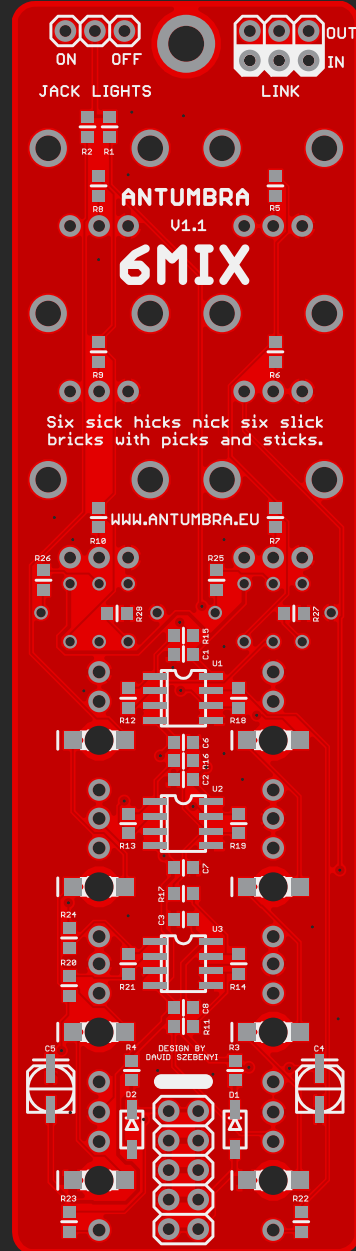
6 MIX

BUILDING INSTRUCTIONS

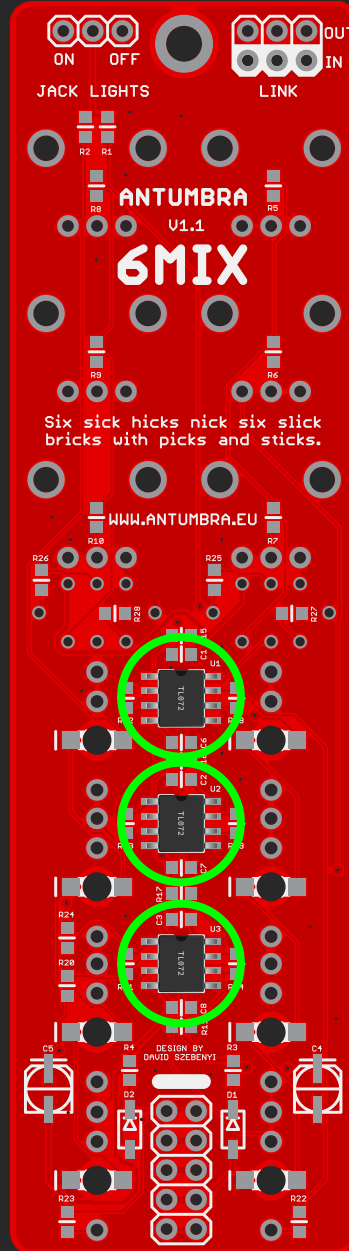
PCB V1.1

01. BUILD NOTES

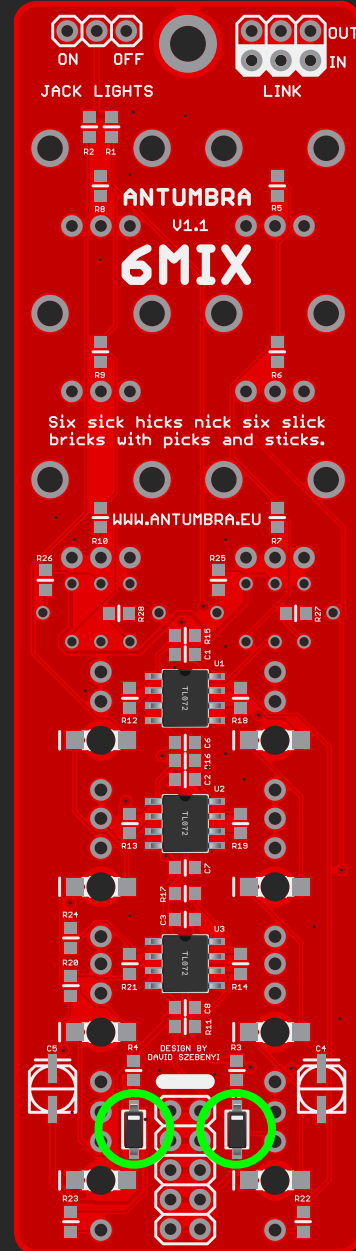
Before you start building look through the build manual so that you'll be familiar with the building process and you won't run into any surprises! 😊



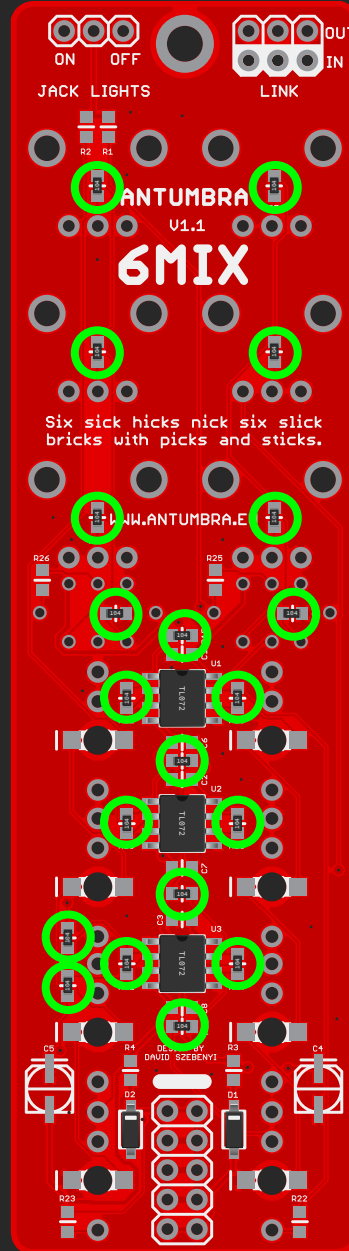
00



01



02



03

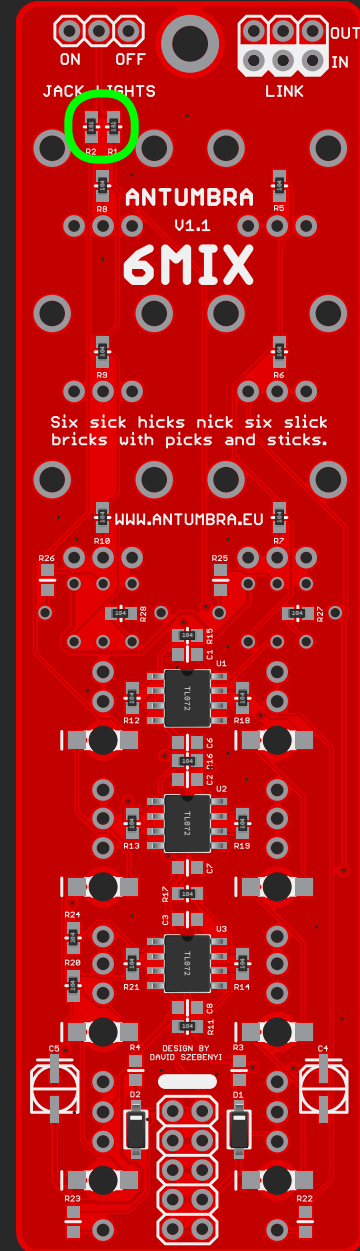
02. BUILD

00. Orient the PCB as seen on the left

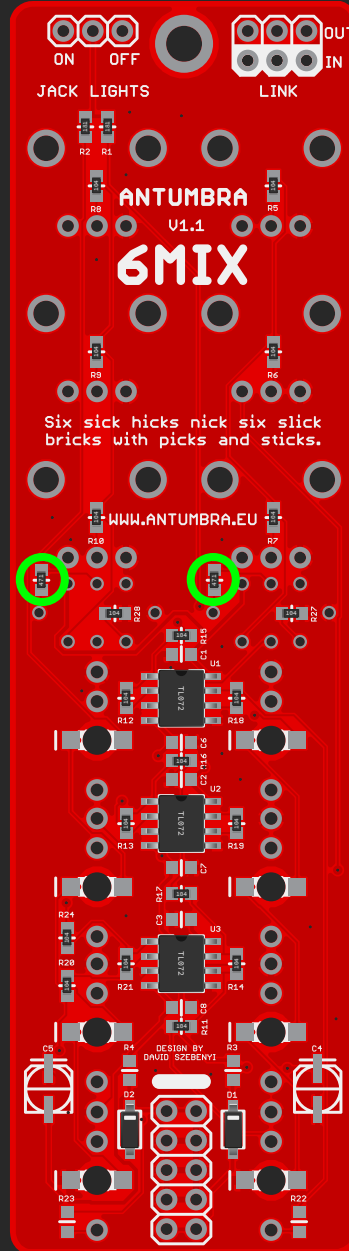
01. Solder the three TL072s
(Check their orientation)

02. Solder the two 1n5819 diodes
(Check their orientation)

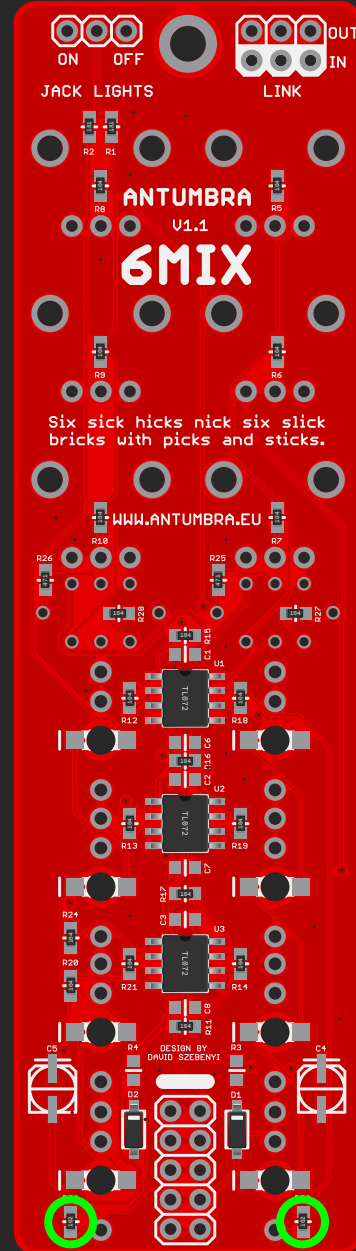
03. Solder the 20x 100k resistors



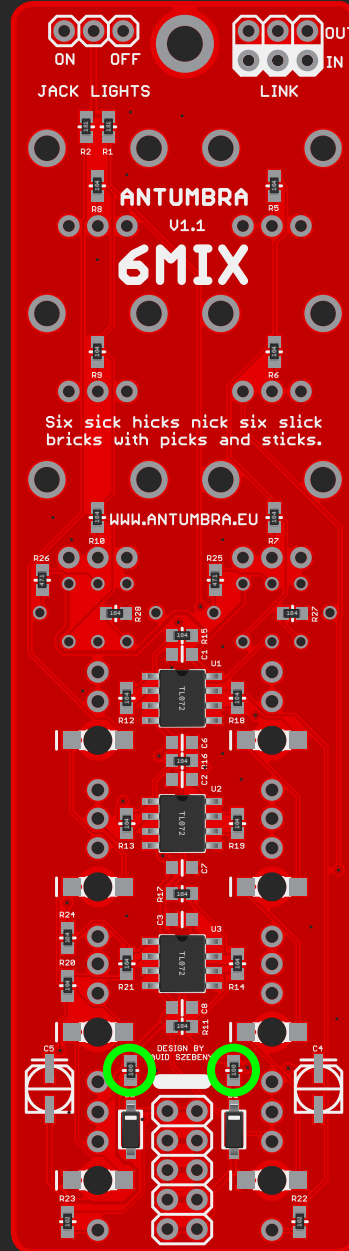
04



05



06



07

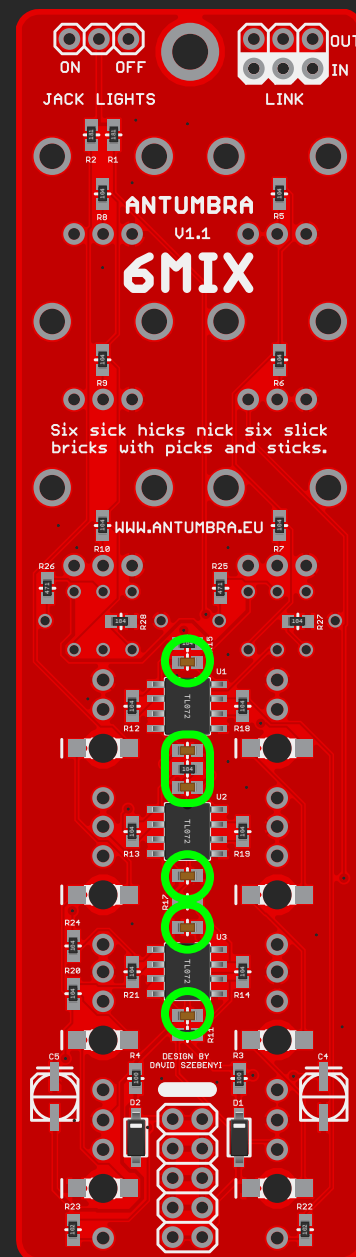
02. BUILD

04. Solder the two 180R resistors

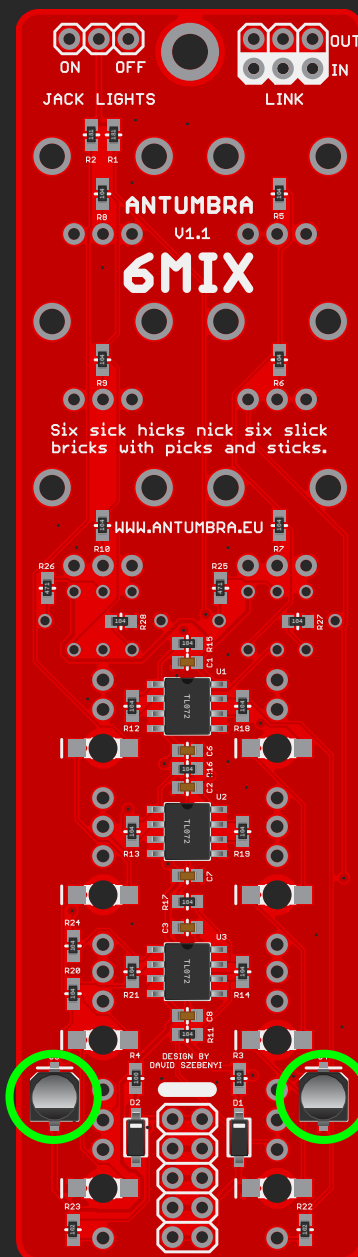
05. Solder the two 470R resistors

06. Solder the two 1k resistors

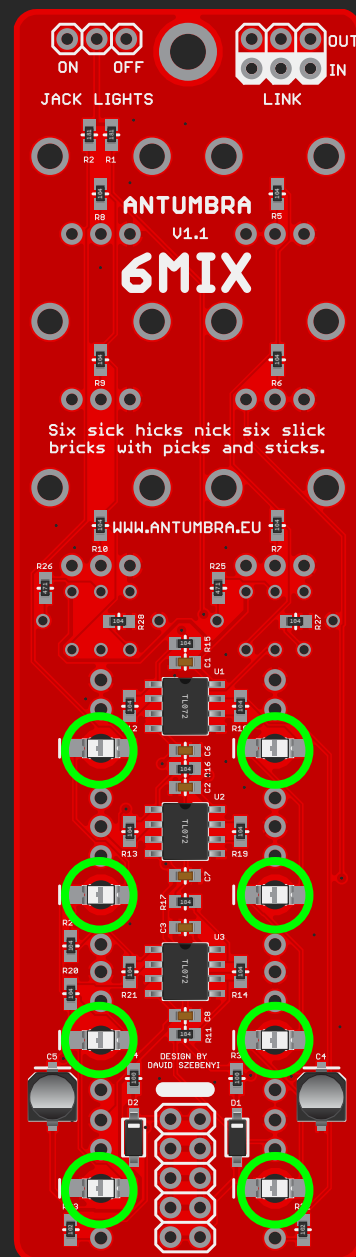
07. Solder the two 10R resistors



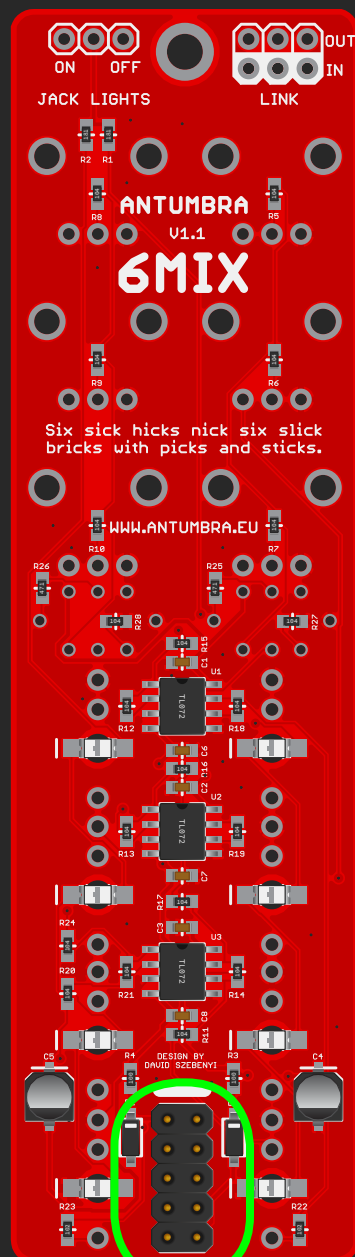
08



09



10



11

02. BUILD

08. Solder the 6x 100nF capacitors

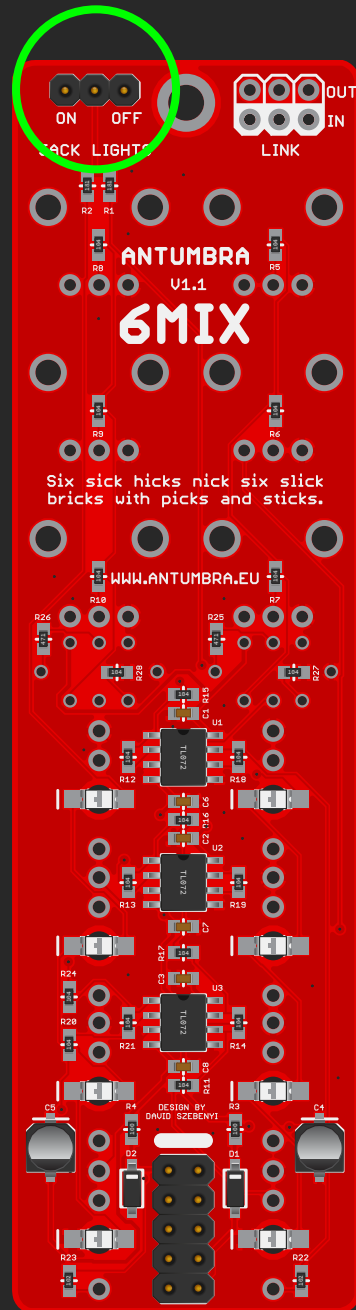
09. Solder the two 10uF capacitors

(Make sure to match up it's orientation with the silk-screen drawing)

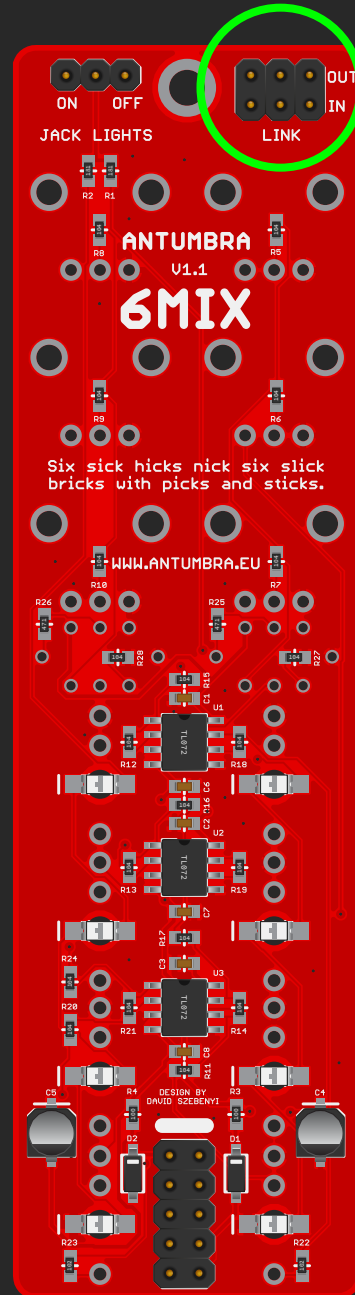
10. Solder the eight SMD LEDs (this is optional)

(The marker on the LED should point to the line on the PCB)

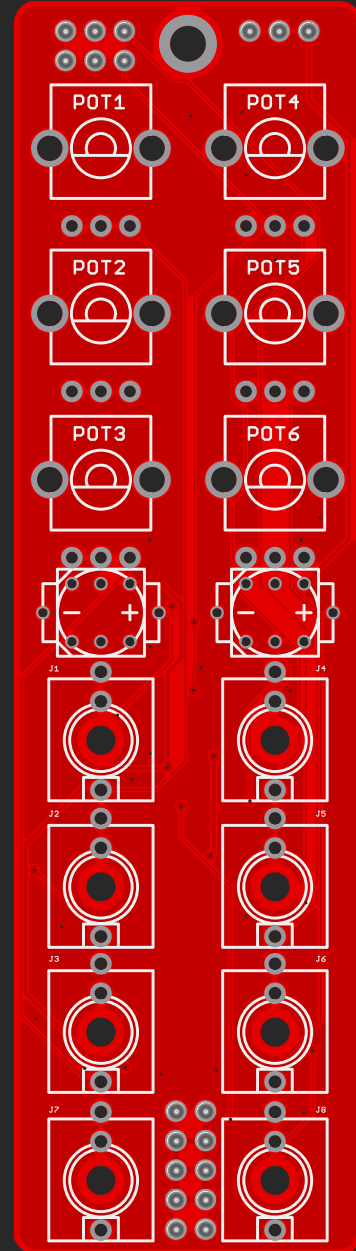
11. Solder the 2x5 pin power header



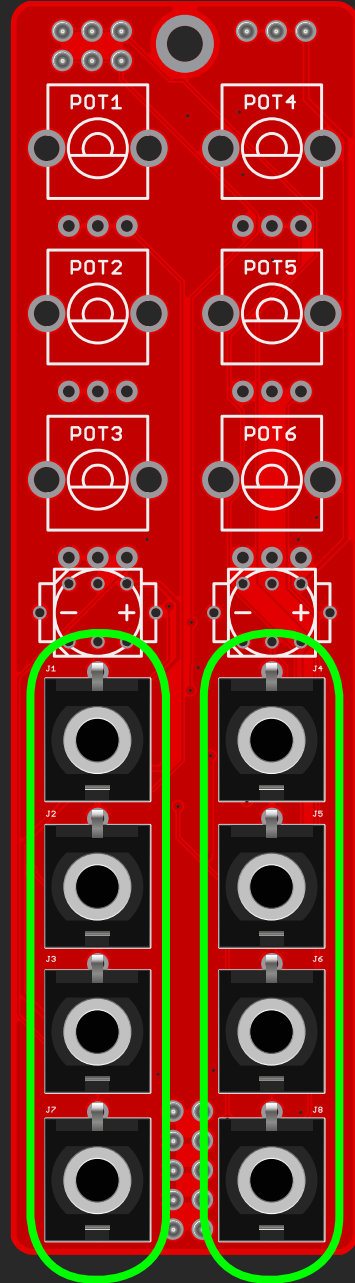
12



13



14



15

02. BUILD

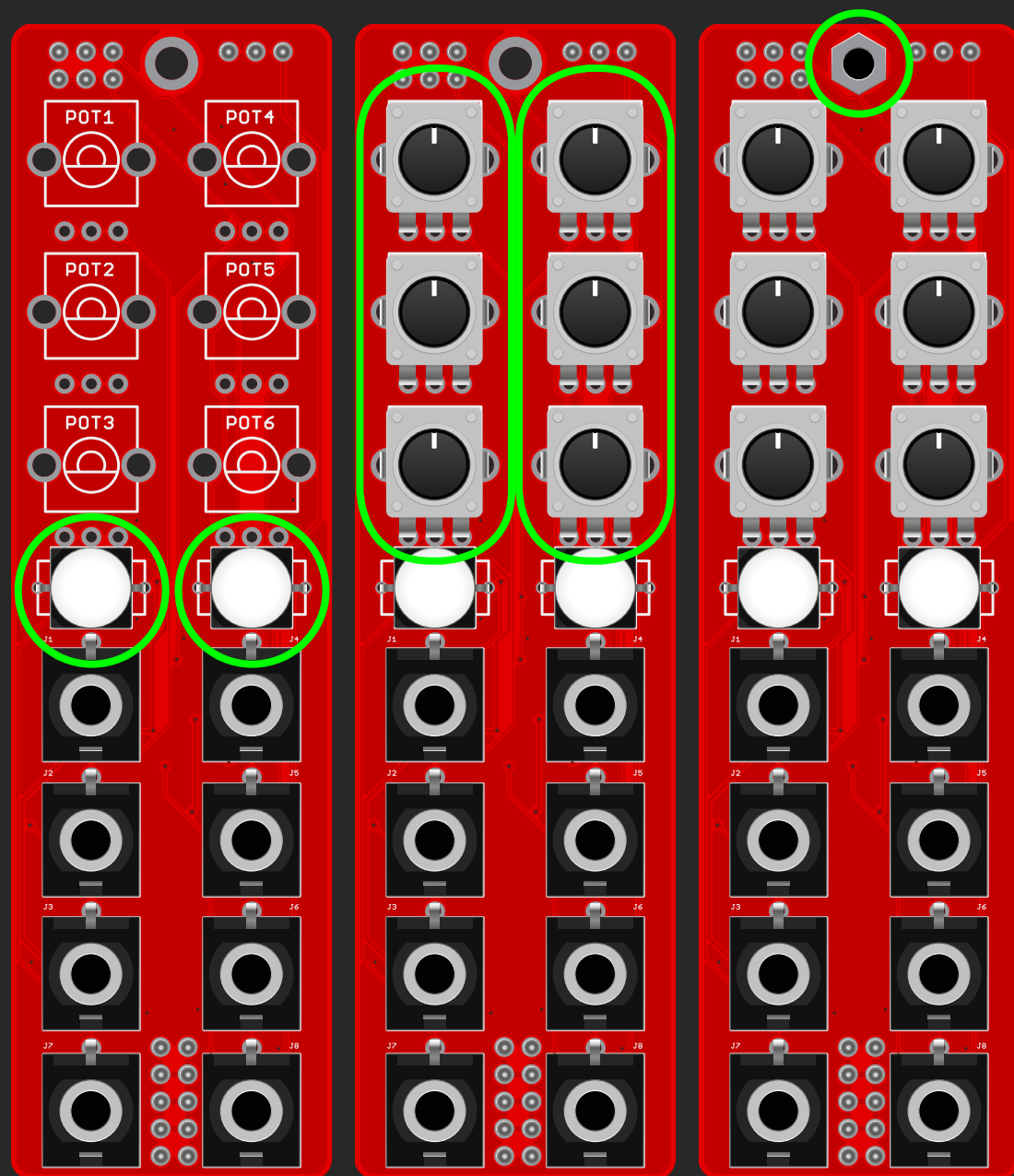
12. Solder 1x3 pin header (this is optional)

13. Solder 2x3 pin link header

14. Turn the PCB around

DO NOT SOLDER YET!

15. Place the eight jacks



16

17

18

02. BUILD

16. Place the two buttons

(Their orientation is important, there are two notches on one side, they should align up with the notches on the drawing. Alternatively, the dot on it should point towards the - sign on the PCB)

17. Place the six B10k pots

18. Place the spacer and screw a screw in it from the other side.

19. Now place the front panel on top, put the nuts on the jacks, align everything nicely, and screw in a screw from the front in the spacer as well. If you like how it looks, solder everything on the other side!

You are done with building! Congratulations! 😊



6MIX is designed by David Szebenyi under Antumbra.

www.antumbra.eu

Manual by David Szebenyi (www.aman.hu)

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