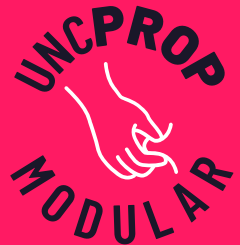


And today, kids, let's
build ourselves a
FamilyTool

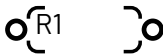


Here are the steps.

1. Resistors

Place and solder all **1M** resistors to their designated locations **R1-R12**.

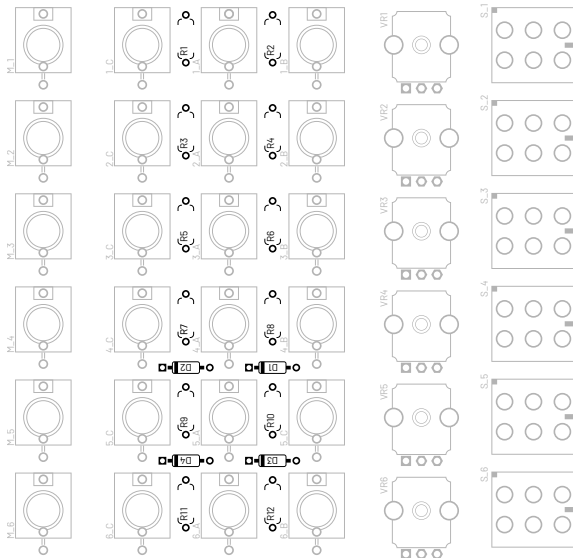
Their orientation is irrelevant.



2. Diodes

The four **1N4148** diodes need to be placed at **D1-D4**.

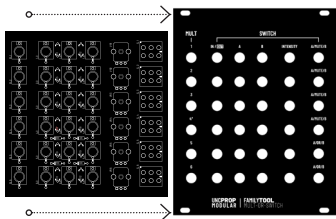
Check their orientation: The line on the print represents the line on the diode itself.



Halfway there.

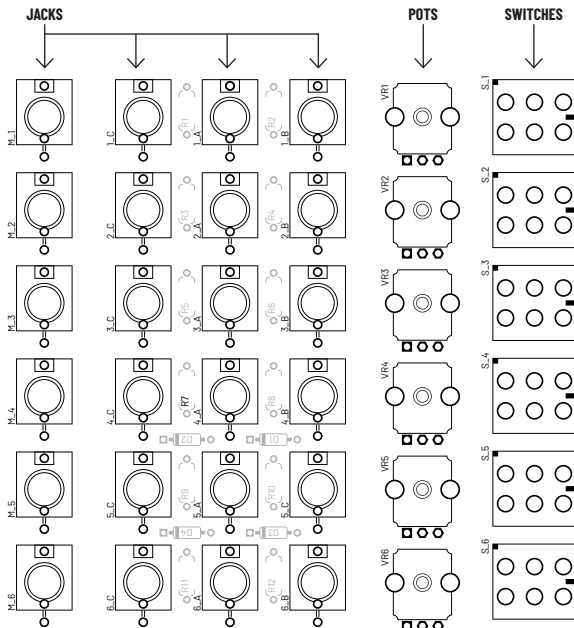
3. Assemble

Now place all jacks, pots and switches loosely, without soldering them just yet. Now place the panel on top of the PCB. Tighten the washers by hand and make sure every component is well aligned.



4. Finish up

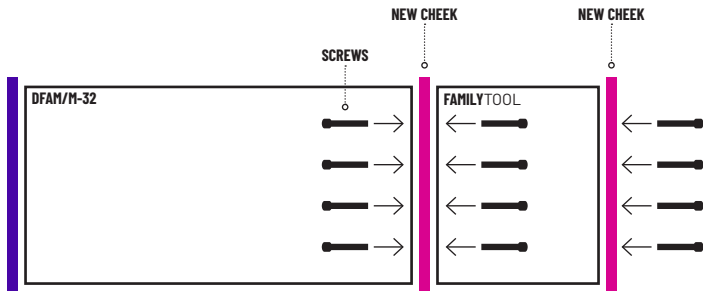
Now turn the module around and solder the elements in place. Fasten the washers.



And now: mounting!

Mount to DFAM/Mother-32

In case you want to mount your FamilyTool and case to a synthesizer, first remove your original right cheek of the DFAM/Mother-32 unit and attach our center cheek to both your synthesizer and the FamilyTool. Then finish by attaching the end cheek to the right of your FamilyTool. Yay!



If you need any more assistance,
let us know at uncprop.com/contact