



# GETREKT

build guide (≥1.2)

difficulty: ☆<sup>1</sup>



Hi fellow!

Just a quick intro before starting,

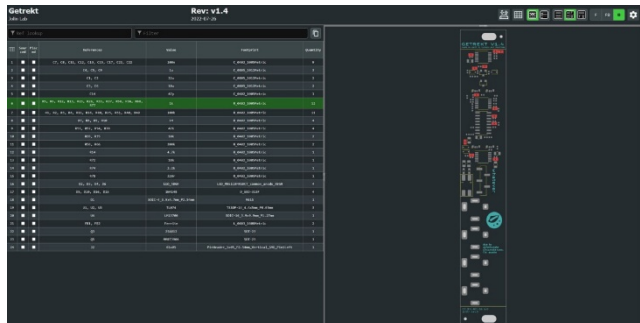
## what to have on hand

1. Soldering Iron - better if with temperature control
2. Solder wire
3. Multimeter (optional)
4. Solder sucker / wick (optional)
5. Silicone soldering mat (optional)
6. Helping hands (optional)
7. Flux (optional)
8. Cutter (optional)

If you want to refresh yourself a bit about soldering stuff you can watch [this video](#)<sup>2</sup> by GreatScott!

A tool that can help you checking the components on the board is the interactive bill of materials.

Download the .html *ibom* file and open it with a browser. You can use it to check where a component is located on the board. Once downloaded it works also offline.



Here are listed all the GETREKT components, most of them are already pre-soldered on the board. We just need to solder the through hole ones (THT).

### **BE CAREFULL NOT TO TOUCH THE SMD COMPONENTS WHILE SOLDERING THE THT ONES.**

It's really easy to lose a tiny resistor or capacitor. Be careful when soldering parts that are close to others already in place.

now let's begin!

<sup>1</sup> 1/5-star modules are a good choice for a beginner. Even as first ever DIY.

<sup>2</sup> <https://www.youtube.com/watch?v=VxMV6wGS3NY>

## jack sockets

Place the 4 sockets matching the holes on the PCB.

To make sure that they are aligned with the board, solder at first one of the 4 pins.  
Then check if the sockets are aligned with the PCB and proceed soldering.

4 J1, J3, J4, J5
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Mono_PJ301BM
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check if everything is in place and properly soldered



done! enjoy your new

**GETREKT**

find us:

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build group ⇒ [JolinLab - STUFF](#)

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