



GITGUD

build guide (≥1.3)

difficulty: ☆¹



Hi fellow!

Just a quick intro before starting,

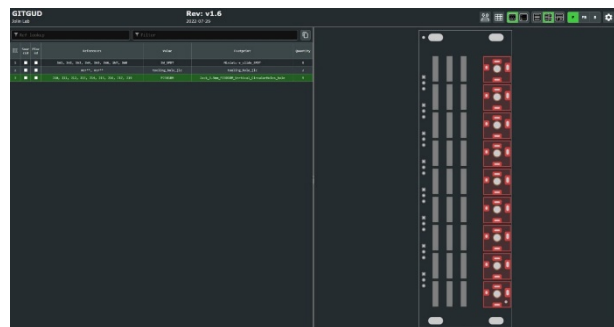
what to have on hand

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](#)² 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 GITGUD 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!

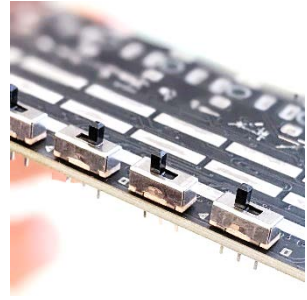
¹ 1/5-star modules are a good choice for a beginner. Even as first ever DIY.

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

micro toggle switch

Place the 8 switches and solder them in place taking care aligning their body with the PCB.

8 SW1, SW2, SW3, SW4, SW5, SW6, SW7, SW8	SW_SPDT
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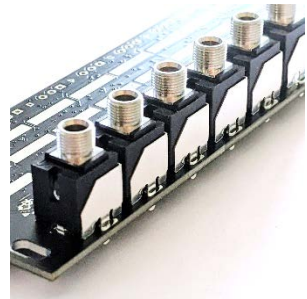


jack sockets

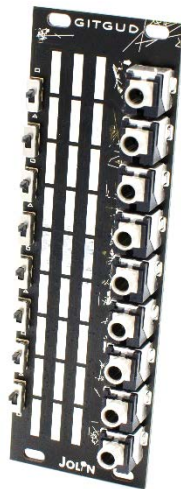
Place the 9 sockets matching the holes on the PCB.

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

9 J10, J11, J12, J13, J14, J15, J16, J17, J19	PJ301BM
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check if everything is in place and properly soldered



done! enjoy your new

GITGUD

find us:

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