



## SW6 (v1.0F) DIY BUILD GUIDE

This build guide assumes the user has basic knowledge of through hole components, soldering skills and various tools required to Do-It-Yourself. Assemble at your own risk and have fun.

### STEP BY STEP

1. Do not start with the switches. Begin by breaking the male pin header into links 3-pins long. Based on your needs, you may need up to 12.
2. Populate the male pin headers into the bottom of the board and solder them in place.
3. Now, populate all 6 switches. Carefully solder a single pin on each switch to make sure they are straight. Once they are straight, you may solder the rest.
4. Attach all three standoffs to the same side as the switches and screw them in place with 3 of your screws through the back of the board.
5. Attach the faceplate with the three remaining screws.
6. Hooking up the SW6 to an expandable module or even your own design may be the hardest part. Each switch is a DPDT but can be used as a 1PDT in which case only three of the pins need to be attached at the back. See documentation for the module you need to hook up for further information.

Note: Can be used with the Foxing Hour DAISY module to break out the positive or negative summing feature of the Chain inputs.

## BILL OF MATERIALS

- ☐ 3x standoffs M3x10mm
- ☐ 6x screws M3x4mm
- ☐ 6x switches SSSF21500

### Other Parts

- ☐ 1x 40-pin Male header
- ☐ 1x Female/Female jumper wires (length as needed)
- ☐ 1x SW6 PCB
- ☐ 1x SW6 Faceplate

