

## Using fixed power supplies – Part 3 – Variable PSU

### Making PCB's

I published a construction article in the May 2024 edition of Practical Wireless Magazine. Electronic viewing of the magazine, as part of a subscription, is here: <https://pocketmags.com/eu/practical-wireless-magazine>

I use EASYEDA ( [easyeda.com](http://easyeda.com) ) to capture my schematic diagrams, produce the bill of materials and produce the gerber file. There is a link between EASYEDA and the PCB manufacturer ( [jlcpcb.com](http://jlcpcb.com) ) so the gerber file is passed seamlessly between the two. You can get immediate quotes although you must buy at least 5 of each PCB. There are no modifications required to the PCB.

Here is the link to the open source: [https://oshwlab.com/samuel.ritchie.8/power-supply-one\\_copy\\_copy\\_copy](https://oshwlab.com/samuel.ritchie.8/power-supply-one_copy_copy_copy)

Once you have made a copy of the schematic and the PCB you can just have identical PCBs produced or you can:

- copy the gerber zip and send it to your favourite PC supplier;
- modify the schematic to suit your needs and components you might have; or
- change the layout to accommodate a different enclosure to what I used.

I have no personal connection with or financial interests in EasyEDA or JLCPCB.

Samuel