

Antenna Switching

Making PCB's

I published a construction article in the June 2025 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 EADYEDA (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) 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/hf-polarisation-control_copy_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;
- add more outputs; and/or
- change the layout to accommodate a different enclosure.

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

Samuel