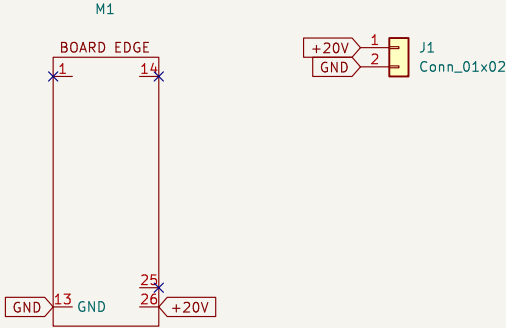


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These USB-C Power Delivery modules that are available on AliExpress, Amazon and lots of other places are pretty good, but more variable than the share-price of snake oil.

WATCH ESPECIALLY FOR POLARITY SWITCHING OF THE POWER OUTPUT PINS!

You shouldn't need to change anything on this schematic, as it really is just connecting the power and GND pins. To support other variants you will instead need to go to the PCB layout, and select the footprint there and then press E, and then select "open in footprint editor" to munge it to suit your module.



3D top side

CERN-OHL-S v2

gardners

Sheet: /

File: usb-c-power-in.kicad_sch

Title: Mega65Modular USBC power in

Size: A4

Date: 2025-11-10

Rev: v0.1

KiCad E.D.A. 9.0.1

Id: 1/1