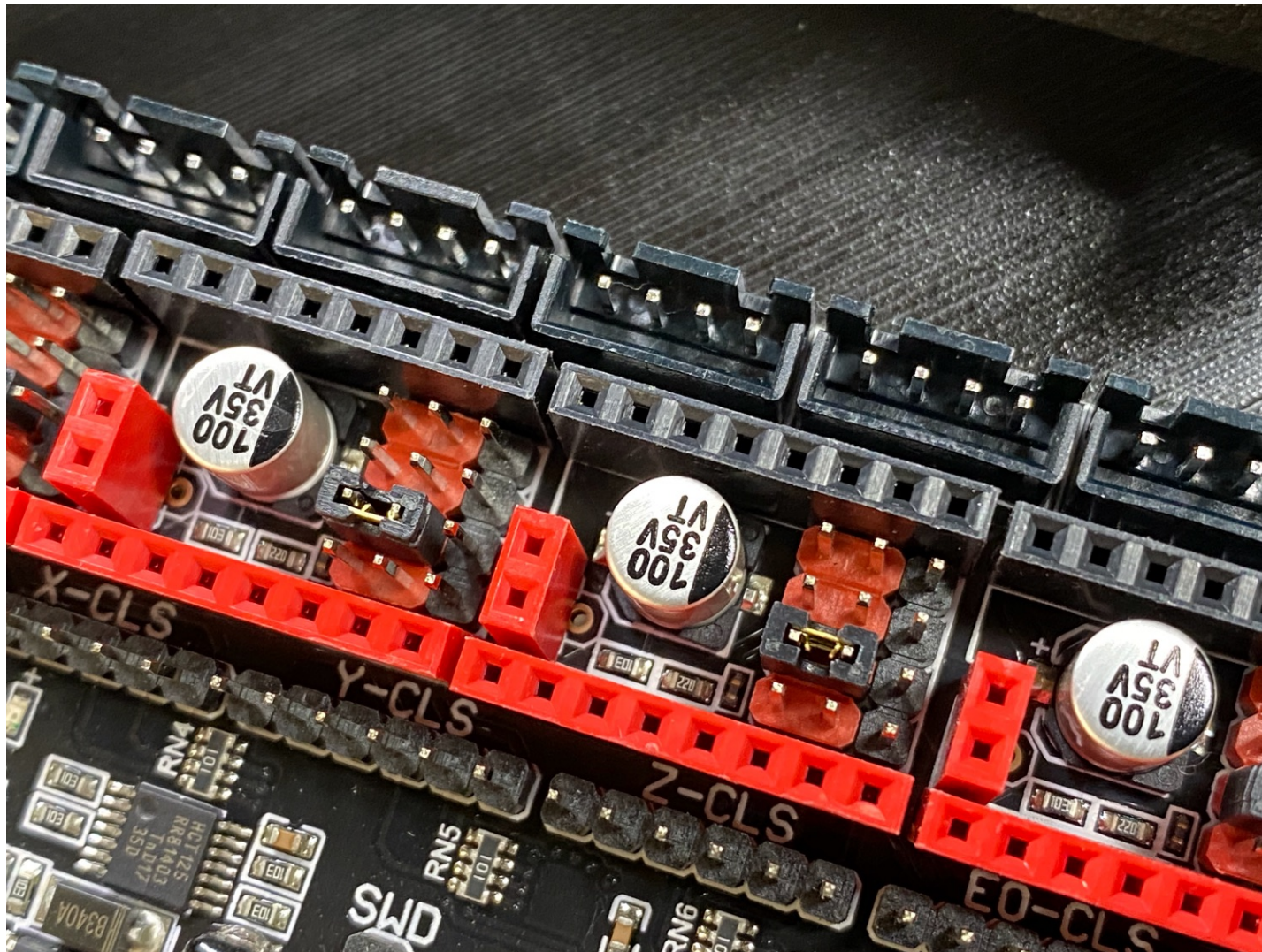


SKRV1.4

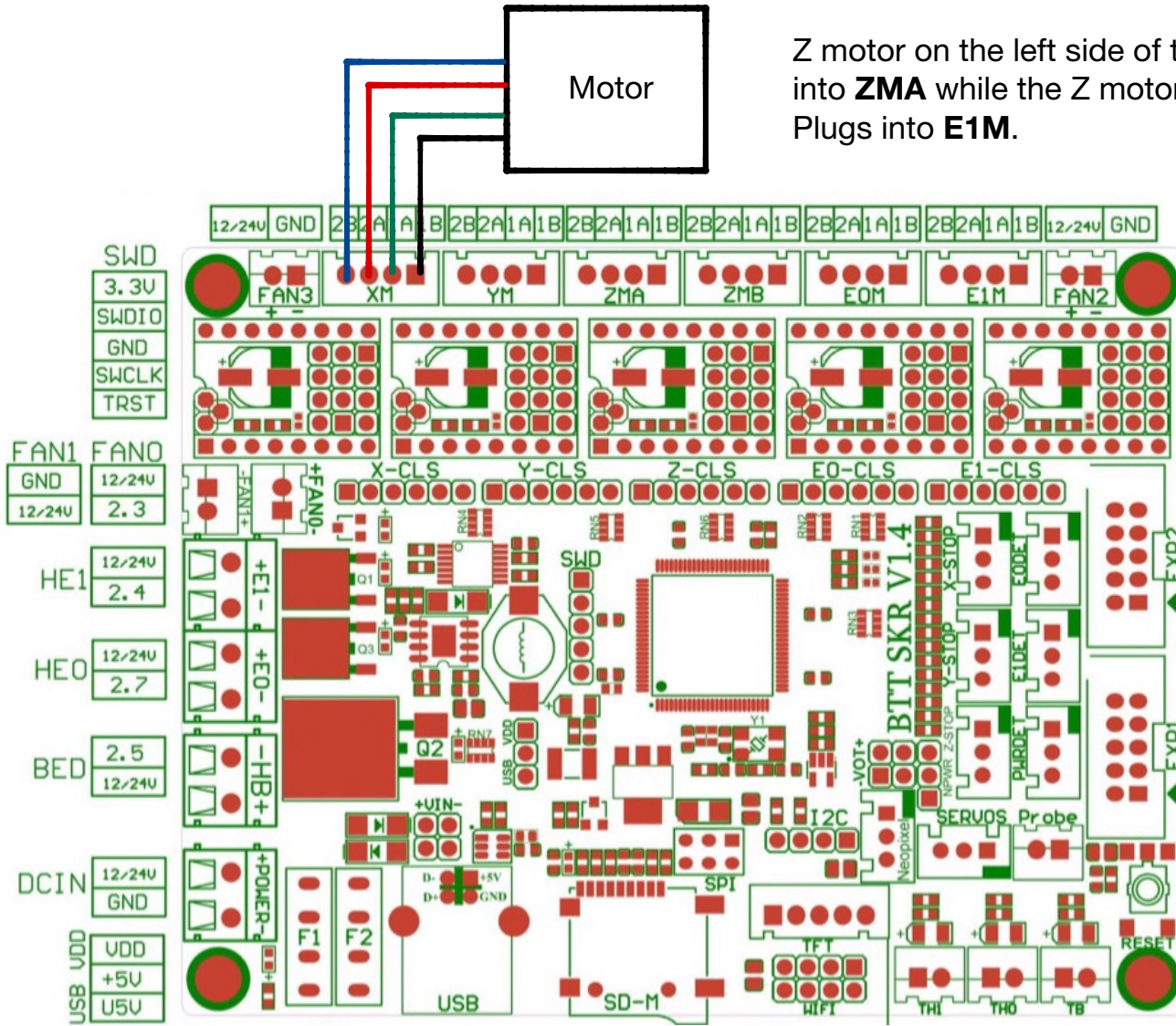
Mr.

UART

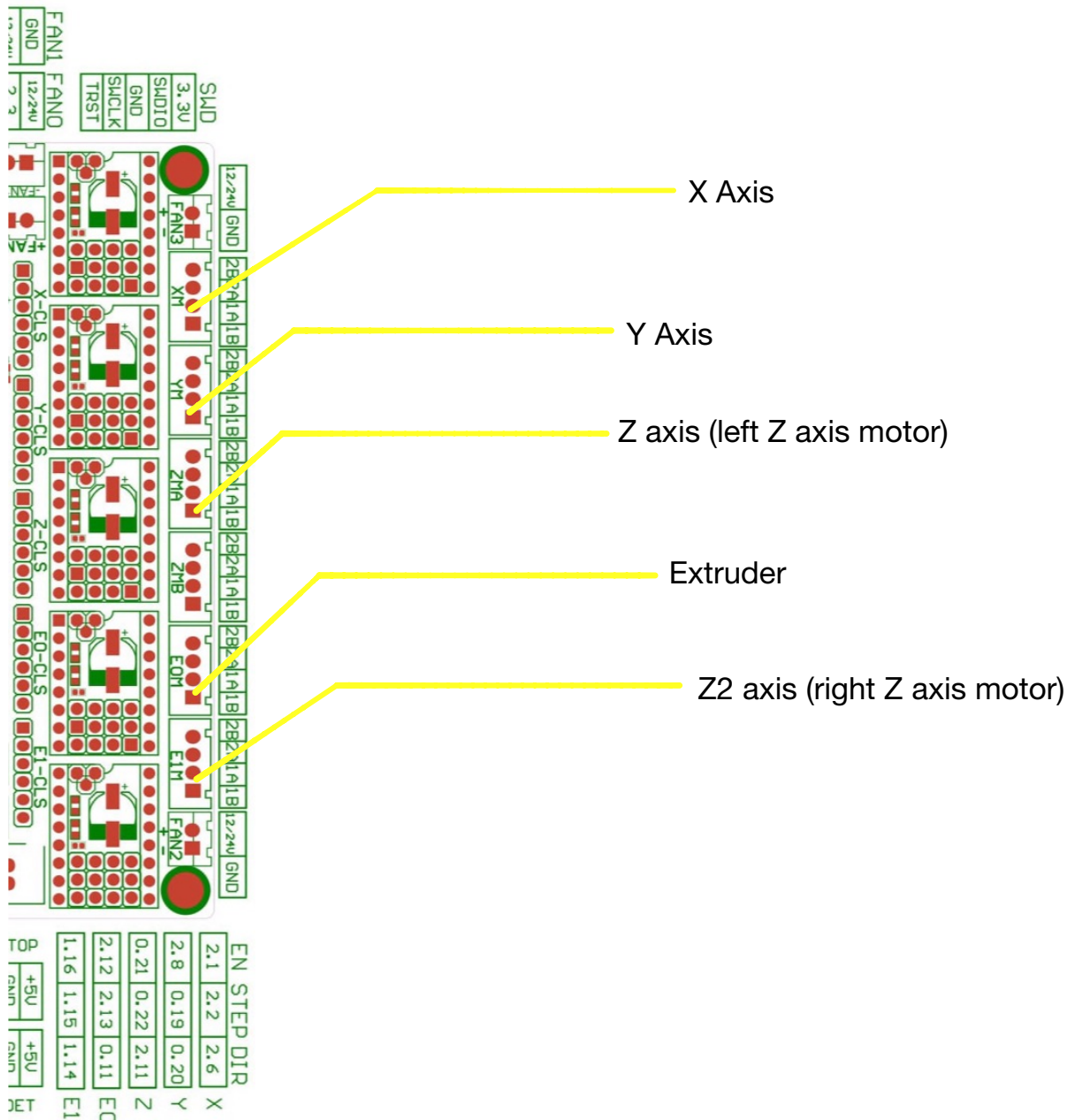
To enable UART for the TMC2209 you must remove all jumpers besides the 3rd one as seen below in the image.



Motor Cable Wiring



Motor Layout



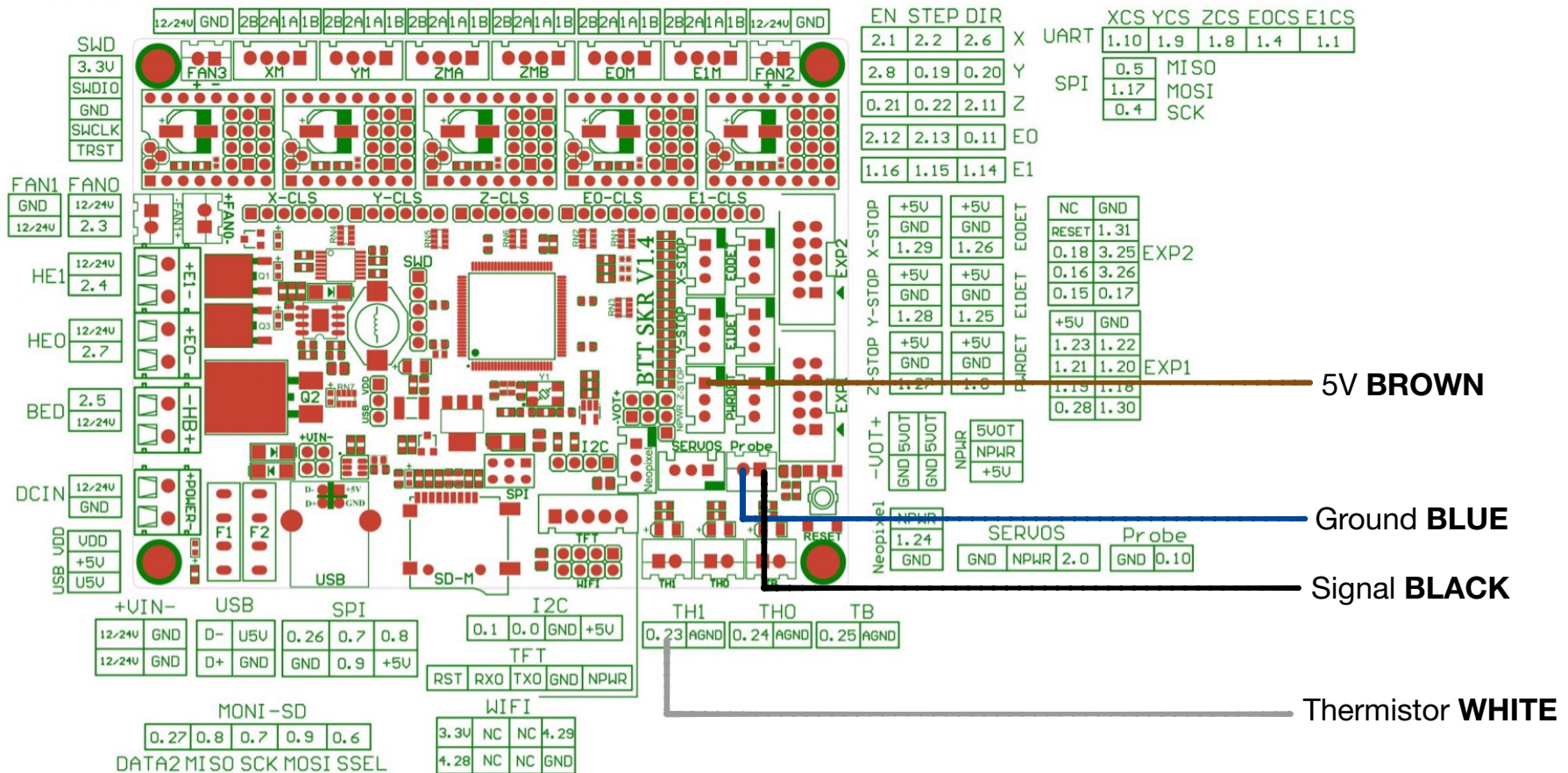
You can wire the Z axis in 2 ways on the SKR V1.4 but you'll need to compile a new firmware. The first way aka the lame way is to use one Z stepper to drive both Z motors. It's easier but we lose features. If you go this route plug each Z motor into ZMA and ZMB.

The best way is to wire the left Z motor to ZMA and the right Z motor to E1. This allows you to level the X gantry by probing next to each motor and using those values to auto adjust for any bed skew in X axis. It's awesome!

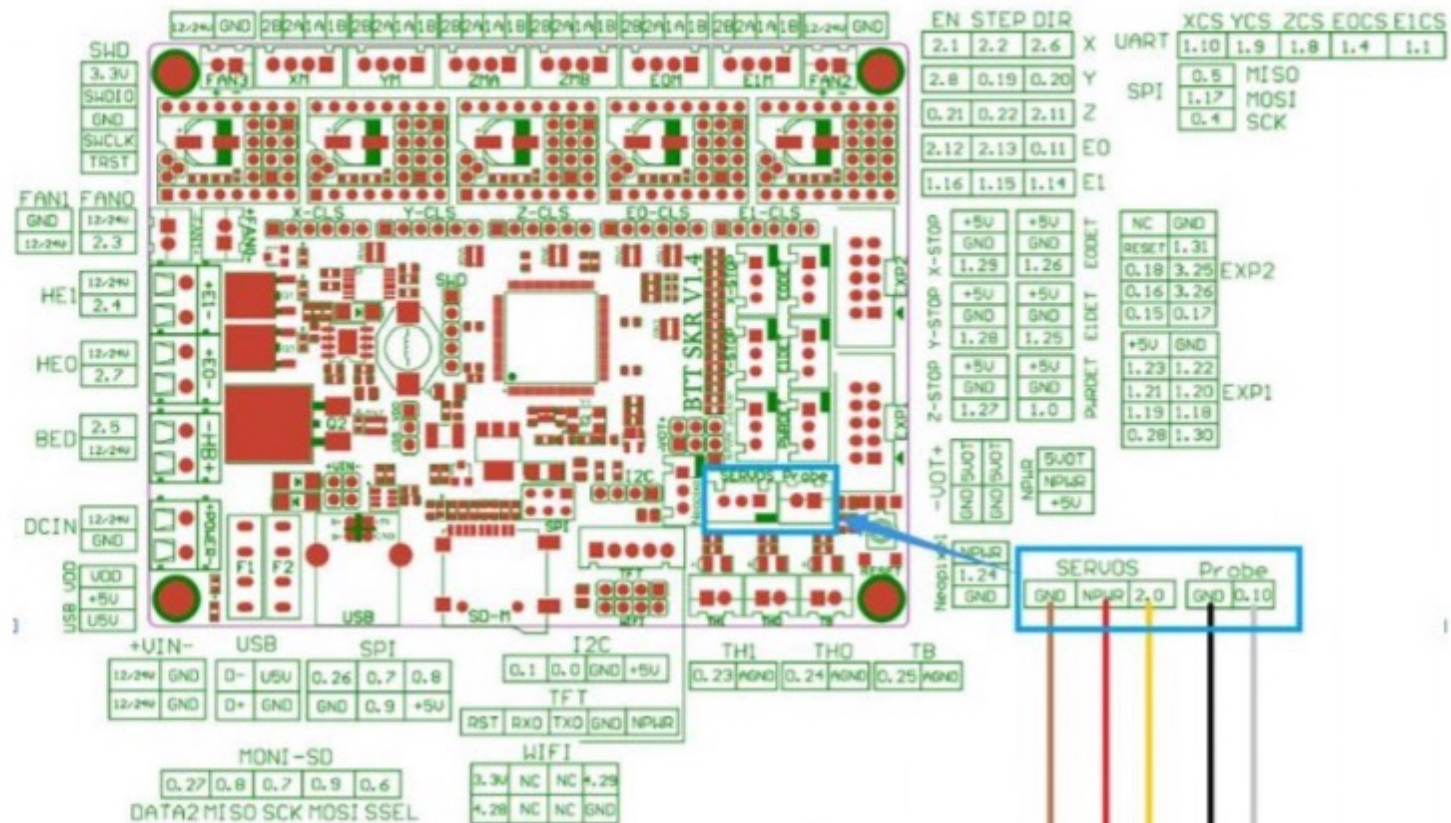
PINDA 2 Wiring

BTT SKR V1.4 PIN

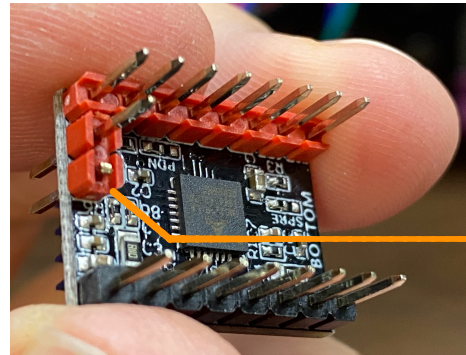
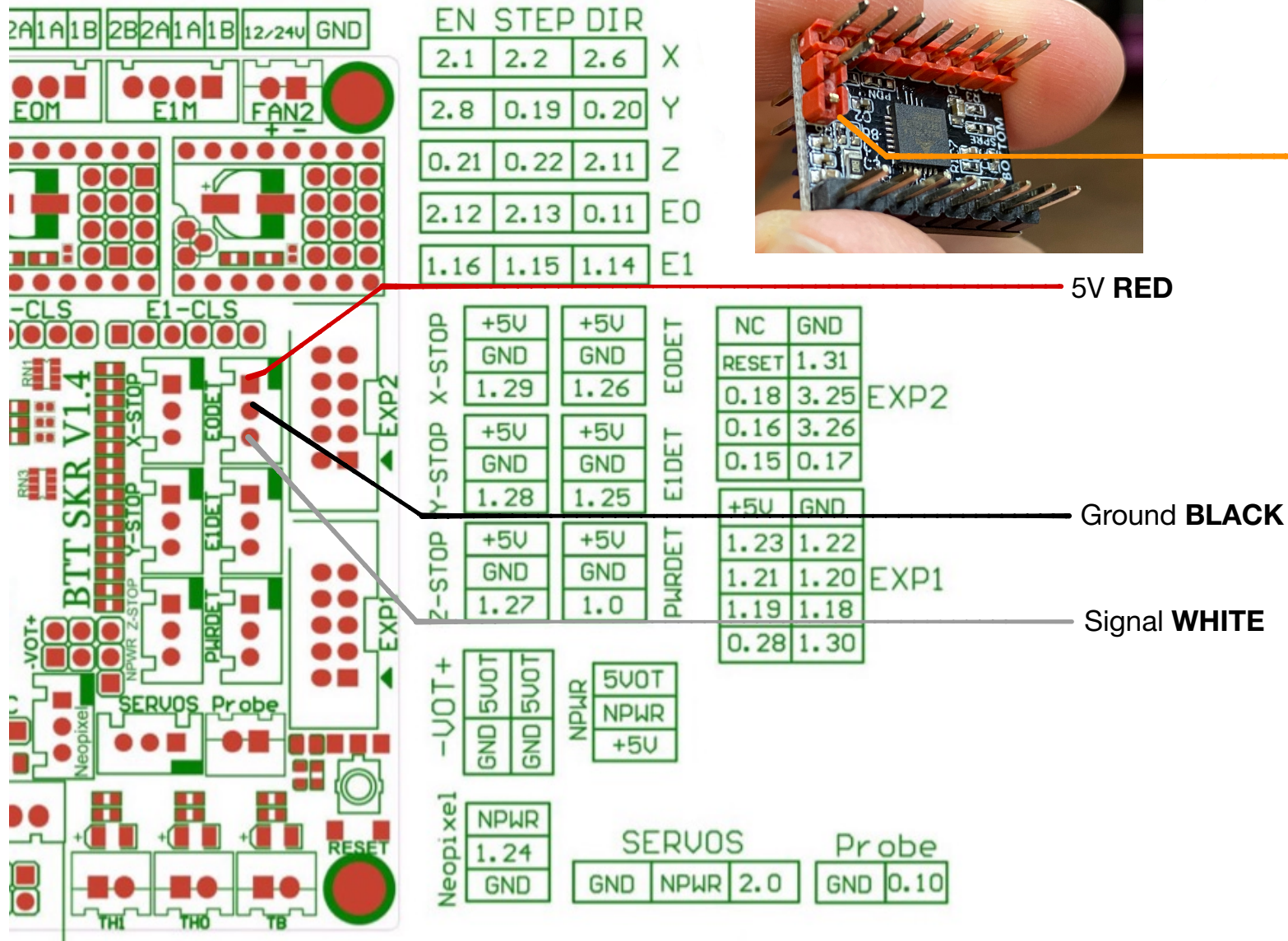
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BL Touch Wiring

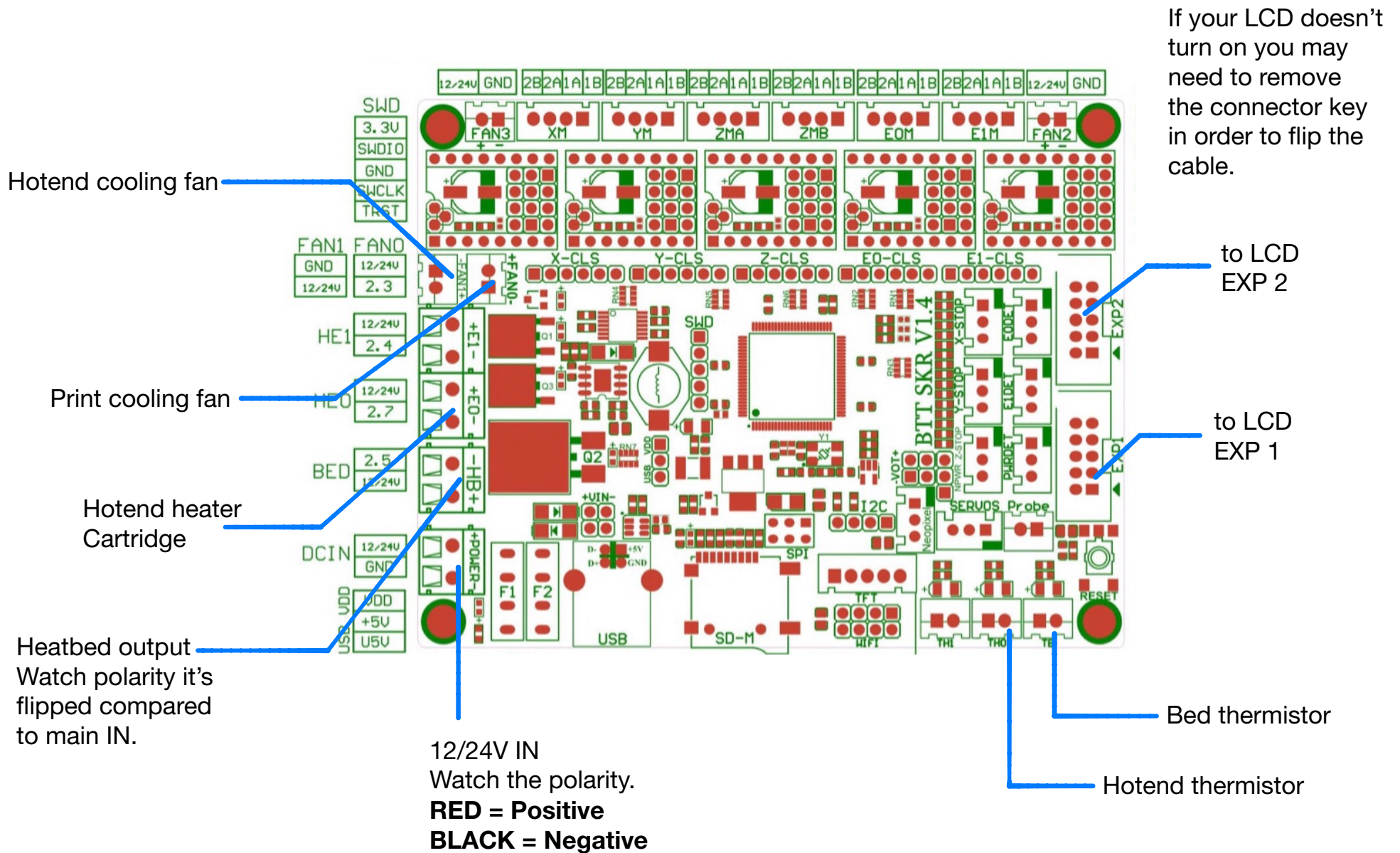


Filament Runout Sensor



The filament sensor won't work with the diagnostic pin of the extruded stepper so you must cut it or use a soldering iron to heat up the pin and slide it up out of the way.

Wiring (cont.)



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