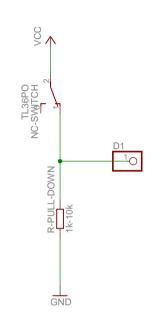


NO (normally open) switch (PROBE) connected to D18 (Zmin) with pull-up resistor. R and C form a low-pass R-C filter needed to filter noise.

During normal operation D18 is logic HIGH (Vcc=3.3V, switch is connected to 1-2).

When LIMIT_ACTION triggers (switch gets connected to 2-3) and D18 is connected to GND = 0V.

The logic change we should monitor is HIGH to LOW.



NC (normally closed) switches connected to D14 (Xmin), D16 (Ymin) and D19 (Zmax) with pull-down resistor.

During normal operation D14 (same applies for D16 and D19) state is logic HIGH (Vcc=3.3V, switch is connected to 1-2).

When LIMIT_ACTION triggers (switch gets connected to 2-3 = connection to Vcc is lost) and D14 (D16/D19) is connected to GND = 0V.

The logic change we should monitor is HIGH to LOW.