

I need help setting up my touch plate on my home-made system. I haven't been able to make it work. Can any kind soul out there help an old dog learn a new trick?

Here's what I have:

- Mach4 Control
 - Probe – mapping enabled
 - Device – ESS
 - Input name – (P2-15)Probe
 - Active low
- ESS Configuration V278.1
 - Pins Config
 - Port2-Pin15 – input
 - Active low
 - Alias – (P2-15)probe
 - Noise filtering – 0.000
 - Input signals
 - Probe(G31 or G31.0)
 - Enabled
 - Mach mapping – ESS
 - Mapped pin – (P2-15 probe)

Wiring: Port 2 - pin 15 wired to touch plate, ground wired to router. I am using an external 5 volt power supply wired to v + and v – on ESS. ESS is not connected to earth ground.

I am using C25 breakout board from CNC4pc.

The probe light on the diagnostics tab stays lit whether I switch the pins from active low or active high. I have not changed any active high or low options in mach4.

I was previously using pokeys57cnc, and I had the touch plate working. Lightning or some other cause fried it, and I decided to switch to the smoothstepper ESS because it seemed to be a much better system.

That's where I'm at. Any advice would be greatly appreciated.

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