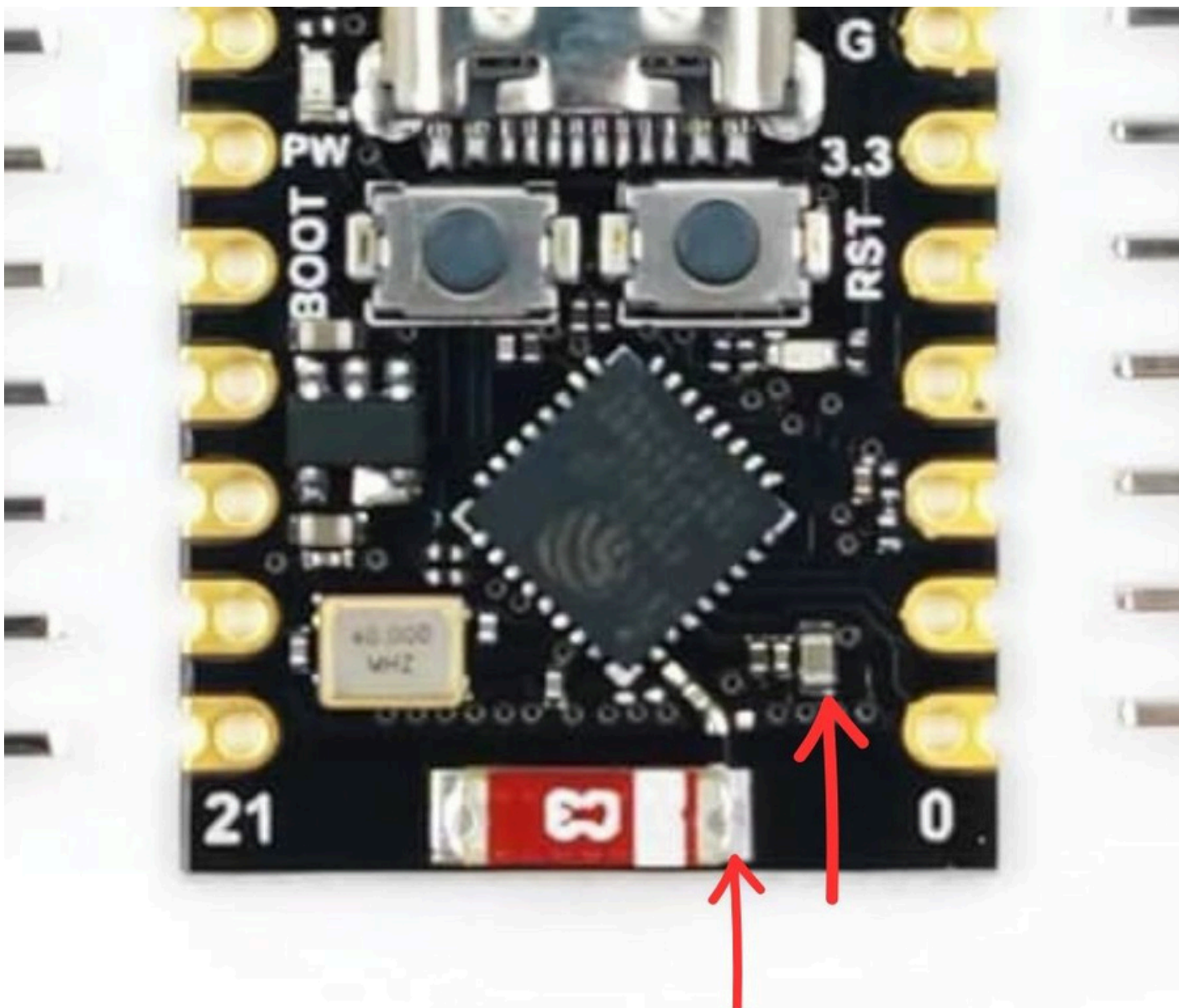## CONNECTION ISSUE

I only realise C3 has connection issues when i'm working on something new. The board properly automatically pair and connects with the "Switch Board" but no data is able going in and out.

After some research, i noticed that I'm not the only one. Someone in reddit mentioned you can add a ceramic capacitor to the antenna to boost the signal and it works. It uses a 1pf ceramic capacitor. solder one end to the antenna and another to a nearby component.

Check the picture on how i made mine. It's quite small so steady hands ! So if you are building any ectogears board with ESP32-C3, no harm just adding this too. I had some boards that work well without it and some don't. I think this is just a design flaw or a manufacture issue.

These are the location the capacitor
needed to be soldered to

Below is a picture of Ectogears relay test board with ESP32-C3 and the 1pf ceramic cap assembled.

1pf ceramic cap