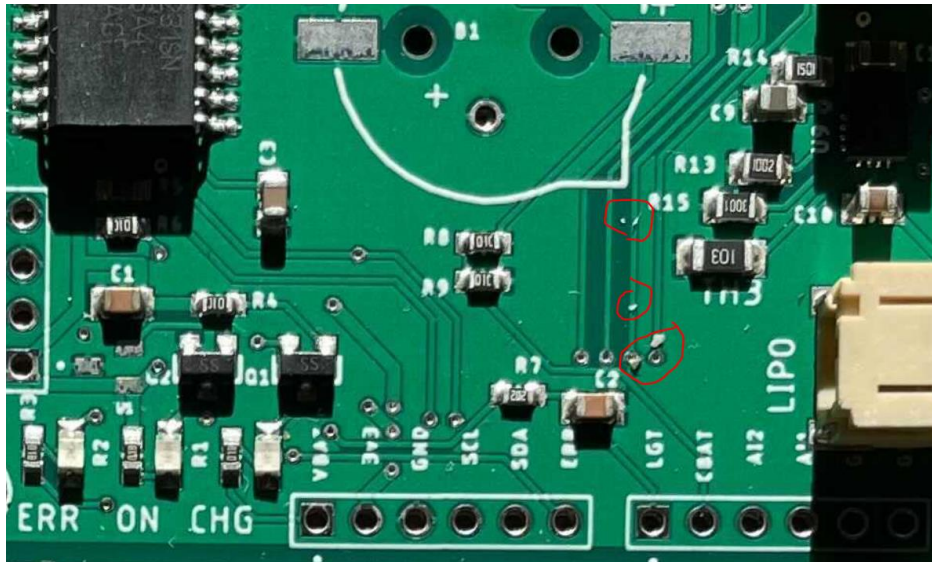


### Earthpod PCB 3.1 findings

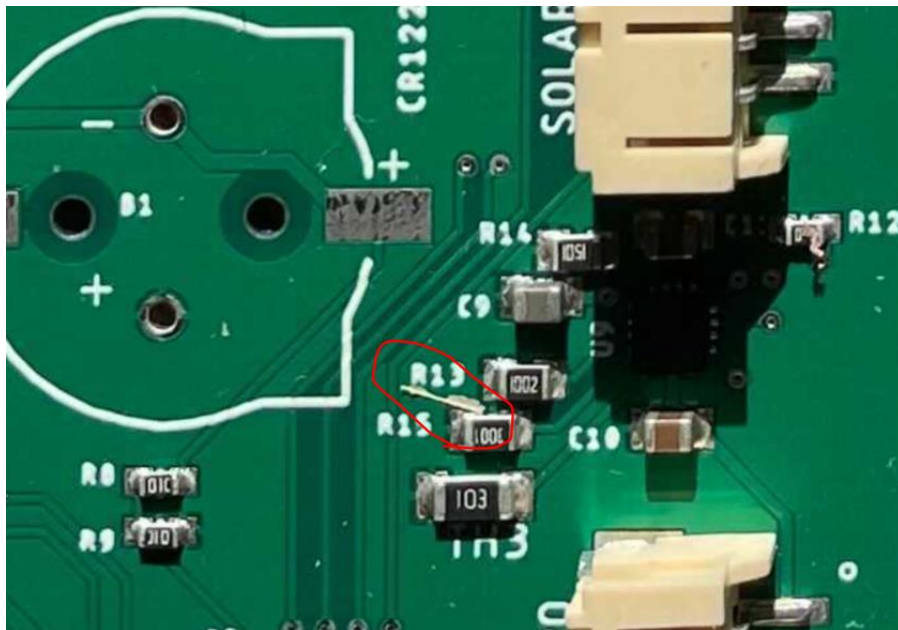
1. The boards should be cleaned / blown off before they're plugged in, to remove loose solder.

This could cause an accidental intermittent short.

Solder balls on controller 2:

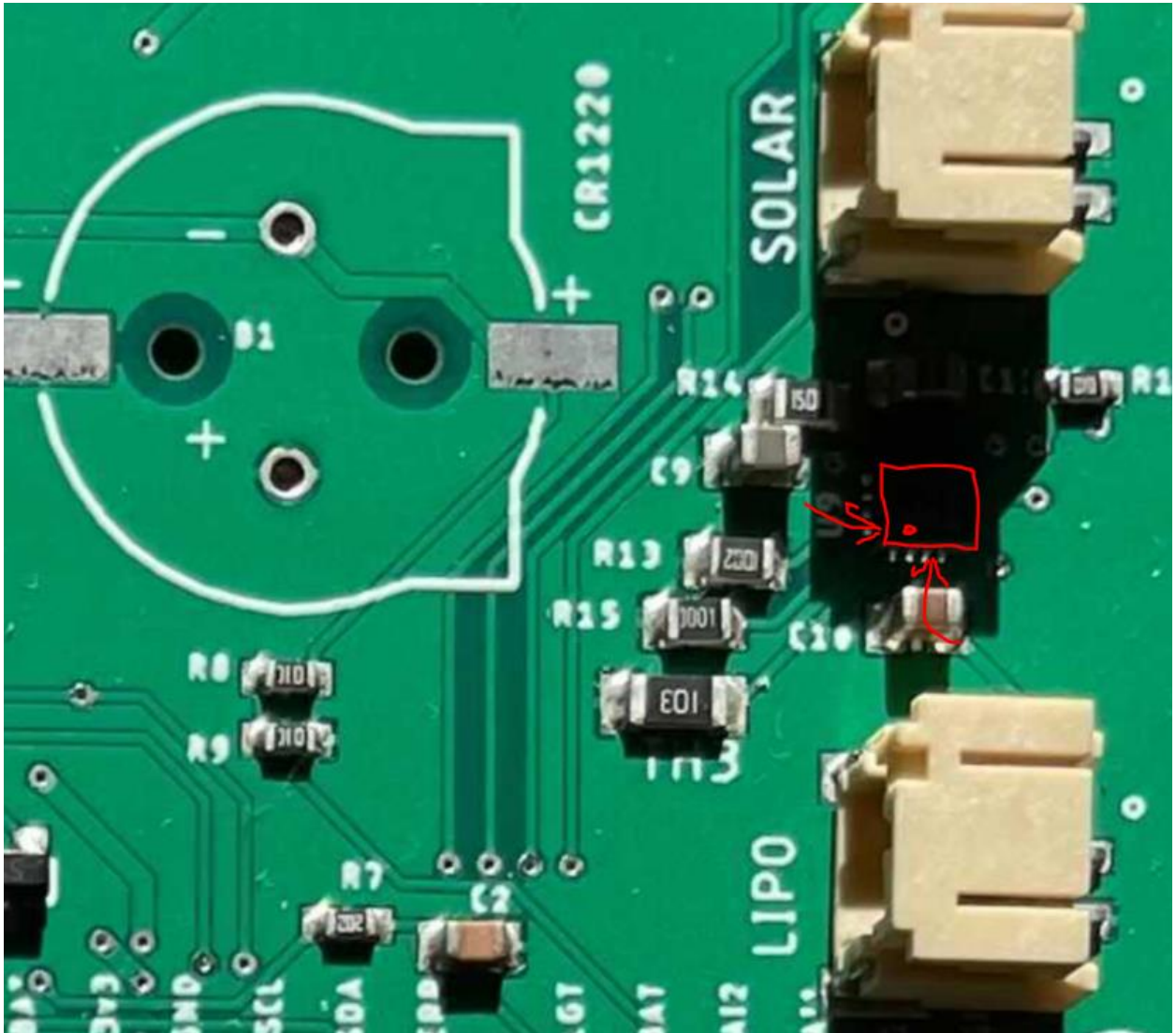


Solder bridge on controller 8:



2. I couldn't get a good look at this IC on any of the controller boards, but the dot on each chip should be oriented like the markup below (bottom-left corner).

If the dot is not in this orientation, the board should not be plugged in (they messed this up on one board last time).



3. We'll need to buy a few parts

- Coin battery connector the RTC
- Coin battery
- Hall sensor for the controller board (LEDs will not light up without it)
- Leaded thermistors for the soil sensor
- Pin headers