**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:

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Solder bridge on controller 8:

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1. **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).

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1. **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