

Technical Note No. 057

Guide for Resetting Power on PAM (particle.io version)

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Summary:

This Technical Note provides guidance for disconnecting the internal batteries from the circuit board and plugging them back in to perform a full power down reset.

Tools/Materials Needed:

- Phillips Head screwdriver

Procedure:

- 1) Ensure power button is depressed (flat/off).
- 2) Disconnect USB power and all cables attached to PAM.
- 3) Remove 4 corner screws from top of PAM.



- 4) Remove lid of PAM and put aside.



- 5) Locate the battery connections.



- 6) Pull each battery connection and leave disconnected for 30 seconds.



- 7) Plug both battery connections back into headers (they can both go into either header).
- 8) Replace lid, ensure any braces that were on top of sensors are back in place.
- 9) Tighten screws again.
- 10) Plug into USB power and try to power on again by pressing in the power button.
- 11) Observe the fan, the power button LED, and the status LED next to the Red charging LED to determine if the PAM has powered on properly.
- If plugged in, the Red charging LED should be on, the status LED should be on and the color will be determined by what the connection status is.

