

Diagram illustrating the wiring connections for the sensor module:

- Battery +**: Connected to the **en** pin.
- to touch sensor**: Connected to the **b** pin.
- 100k**: A pull-up resistor connected between the **b** pin and **to case gnd**.
- Wire**: A yellow wire connects the **c** pin to the **in** pin of the LDO.
- LDO**: The Linear Voltage Detector (LDO) regulator.
 - cap**: Two capacitors are connected across the **in** and **gnd** pins, and across the **out** and **adj** pins.
 - 330**: A 330 Ohm resistor is connected between the **out** pin and **to atty +**.
- bundle in heat shrink**: Labels indicating specific groups of components or wires are enclosed in heat shrink tubing.
- note: Atty minus must be grounded**: A note indicating that the ground connection for the battery must be properly grounded.

note: Atty minus and Battery minus must be grounded to case

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