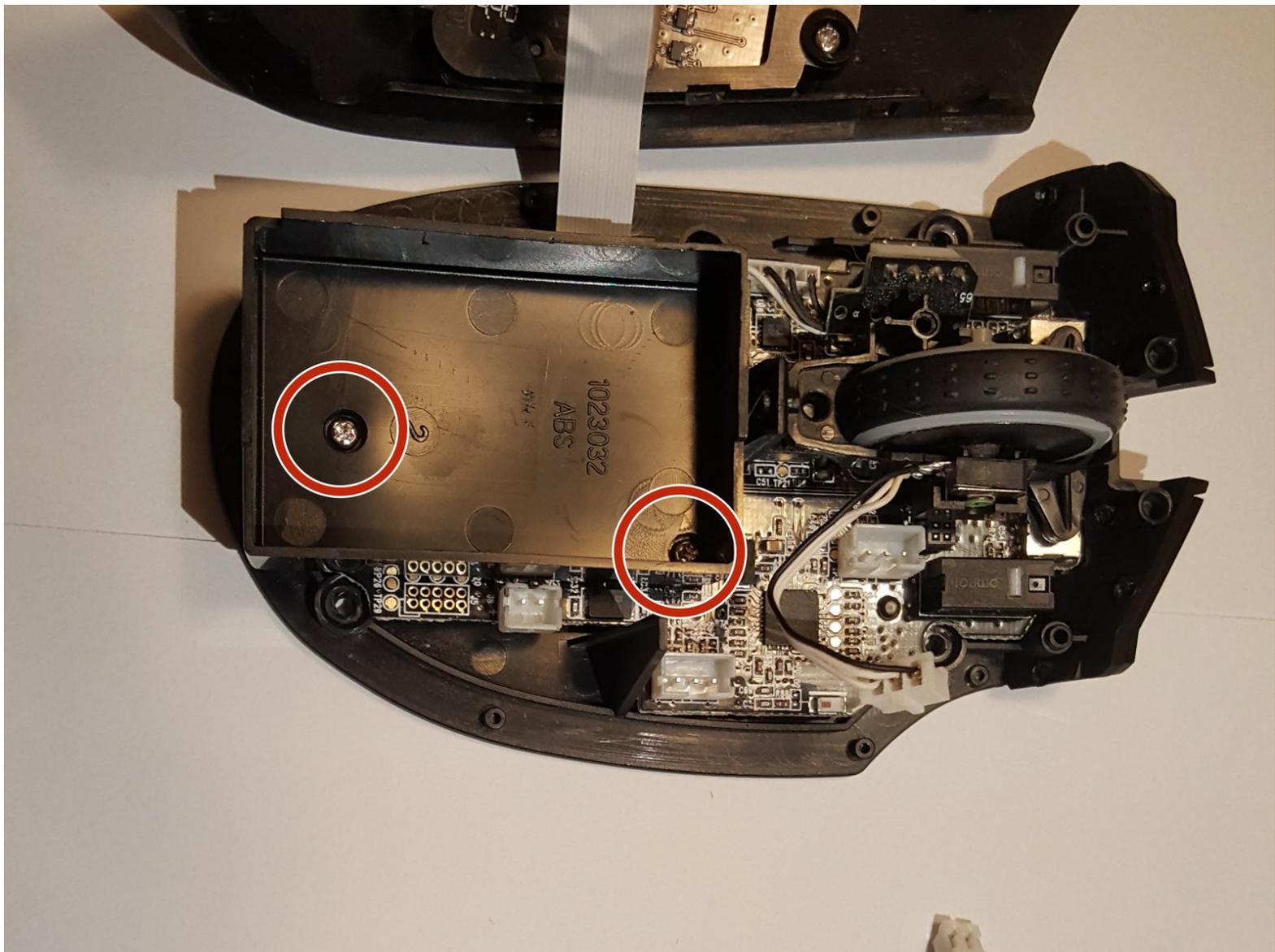




# Razer Naga Epic Chroma Tracking Sensor Replacement

This guide will show you how to replace the tracking sensor of the Razer Naga Epic Chroma.

Written By: Jordan Morgan



 **TOOLS:**

- [Soldering Iron](#) (1)
  - [Spudger](#) (1)
  - [Phillips #00 Screwdriver](#) (1)
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## Step 1 — Razer Naga Epic Chroma Disassembly



- Using a spudger, remove the teflon tape on the bottom of the mouse to reveal four screws.

## Step 2



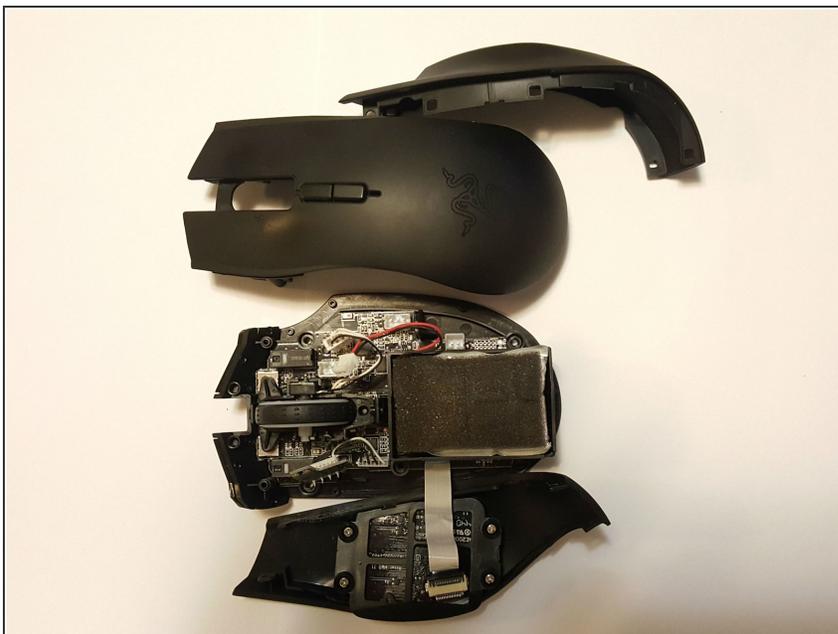
- Use a Phillips #00 screwdriver to remove the four screws.

### Step 3



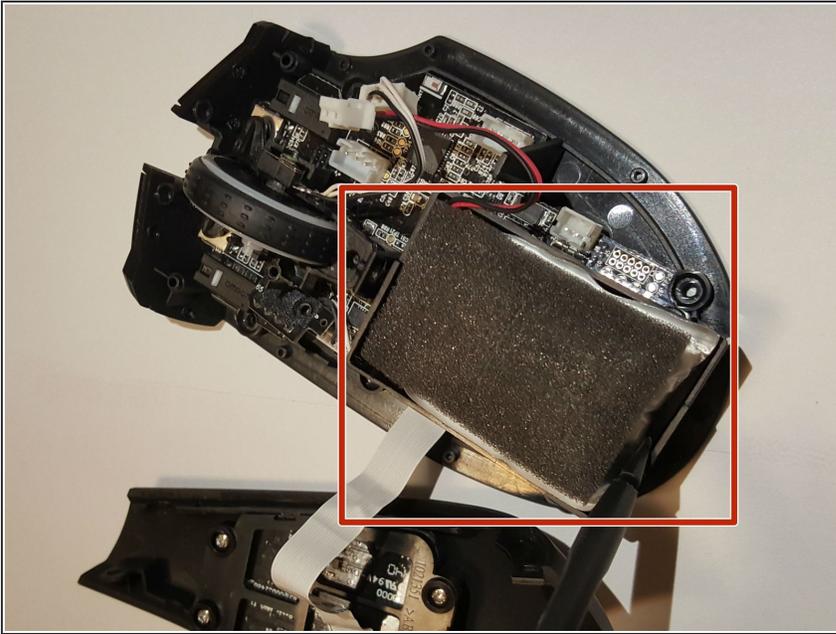
- Gently pull on the top plastic plate of the device and carefully unplug the white cord from the circuit board.
- ⚠ When removing the chassis, carefully unplug the cord connecting to the top mouse buttons.

### Step 4



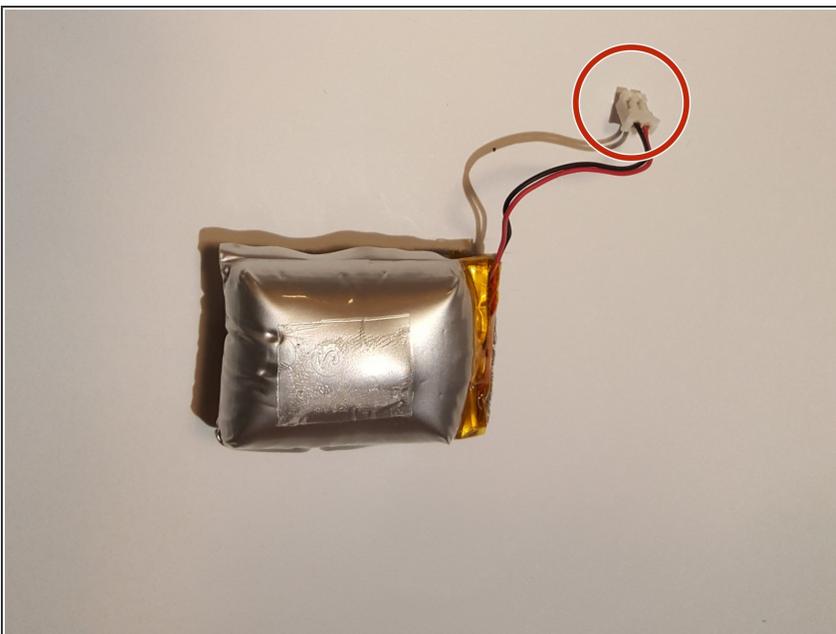
- Gently pull up on the right plate on the mouse; separating it.
- Carefully repeat this step for the left side.
- ⚠ Be wary of the cable connecting to the twelve mouse buttons located on the left plate. This can be disconnected if needed.

## Step 5 — Battery



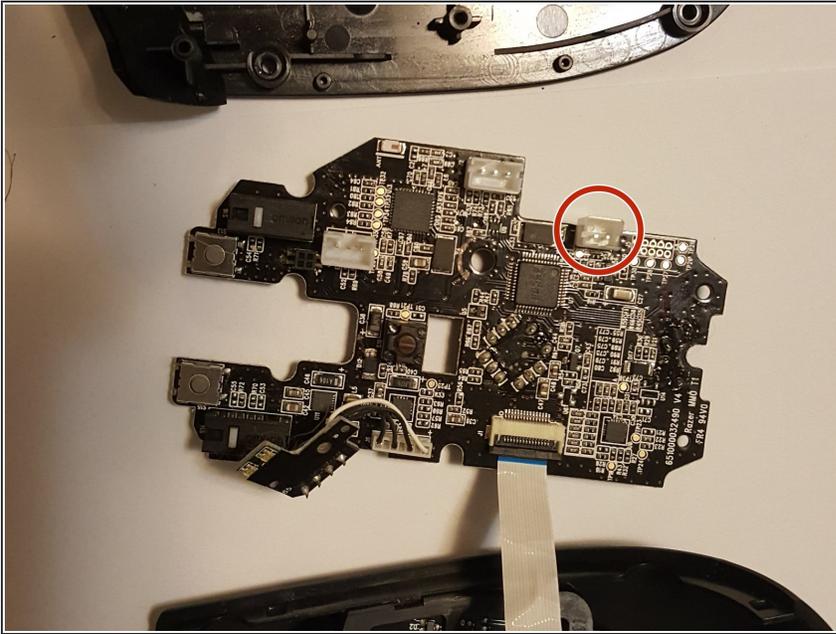
- Take your nylon spudger to gently pry the battery pack from the device.
- Remove the foam on the battery shell for your new battery.

## Step 6



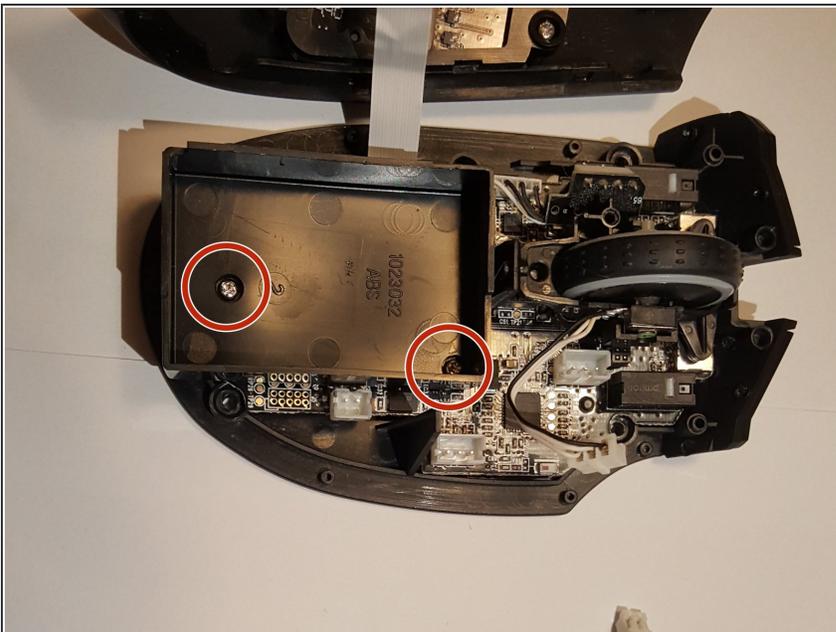
- Unplug the power cord from the circuit board in the mouse.

## Step 7



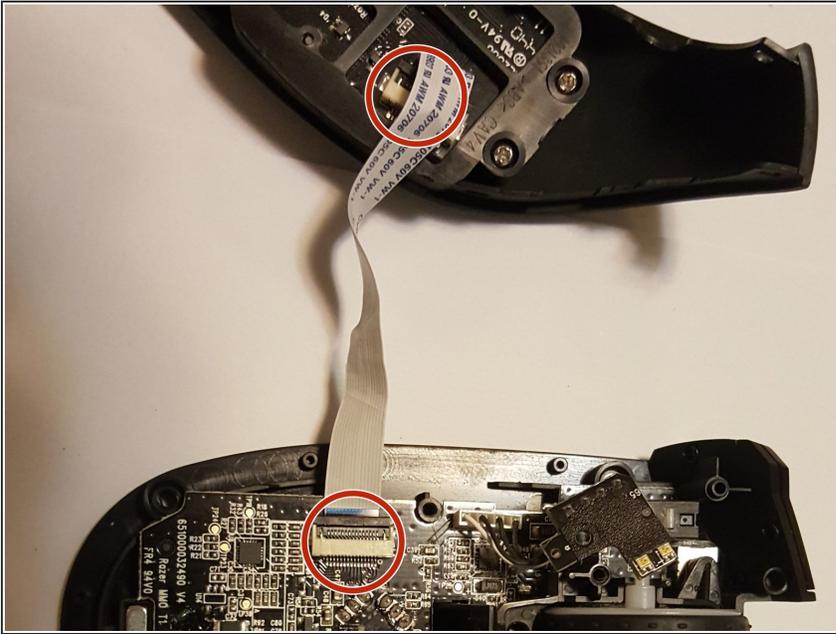
- Plug the cord of the new battery into the socket found in the bottom right of the circuit board.
- Insert the new battery into the battery socket.
- Place the foam on the surface of the new battery (reference Step 5).

## Step 8 — Tracking Sensor



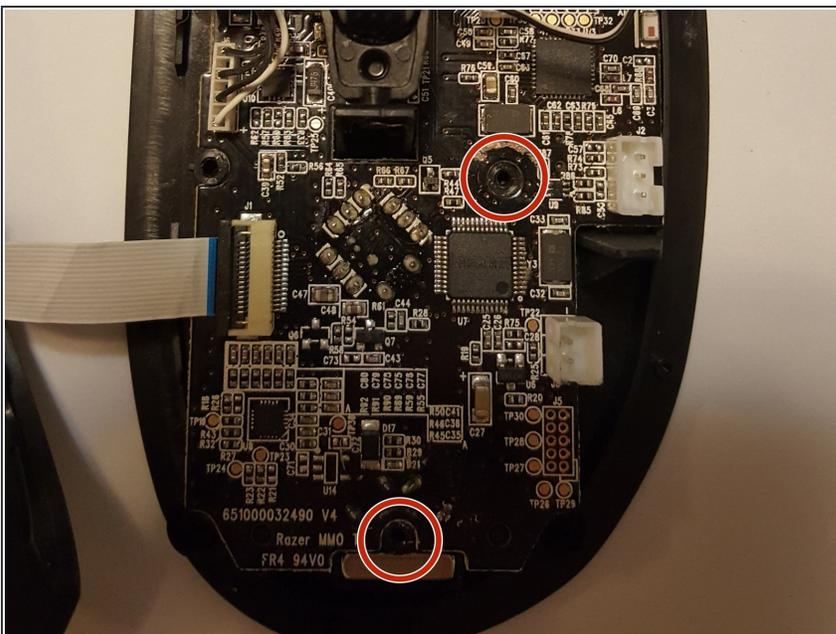
- Remove the two screws holding the battery mount in place and remove the mount from the mouse.

## Step 9



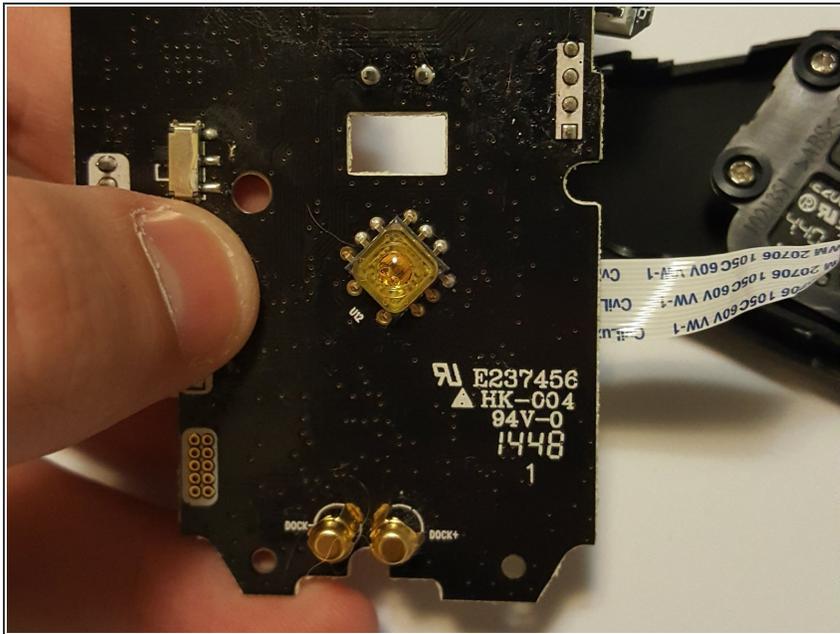
- Disconnect the white connection strip from the white connection port on the circuit board.
- Disconnect the USB cable (the cable is located on the right and center of the circuit board).

## Step 10



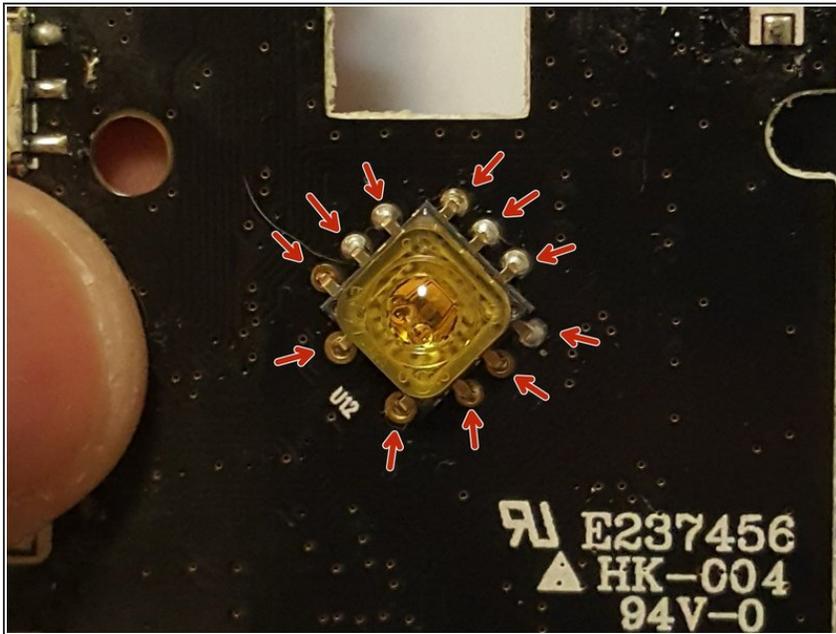
- Remove the two screws that were on either side of the battery mount. This will allow the circuit board to be removed.

## Step 11



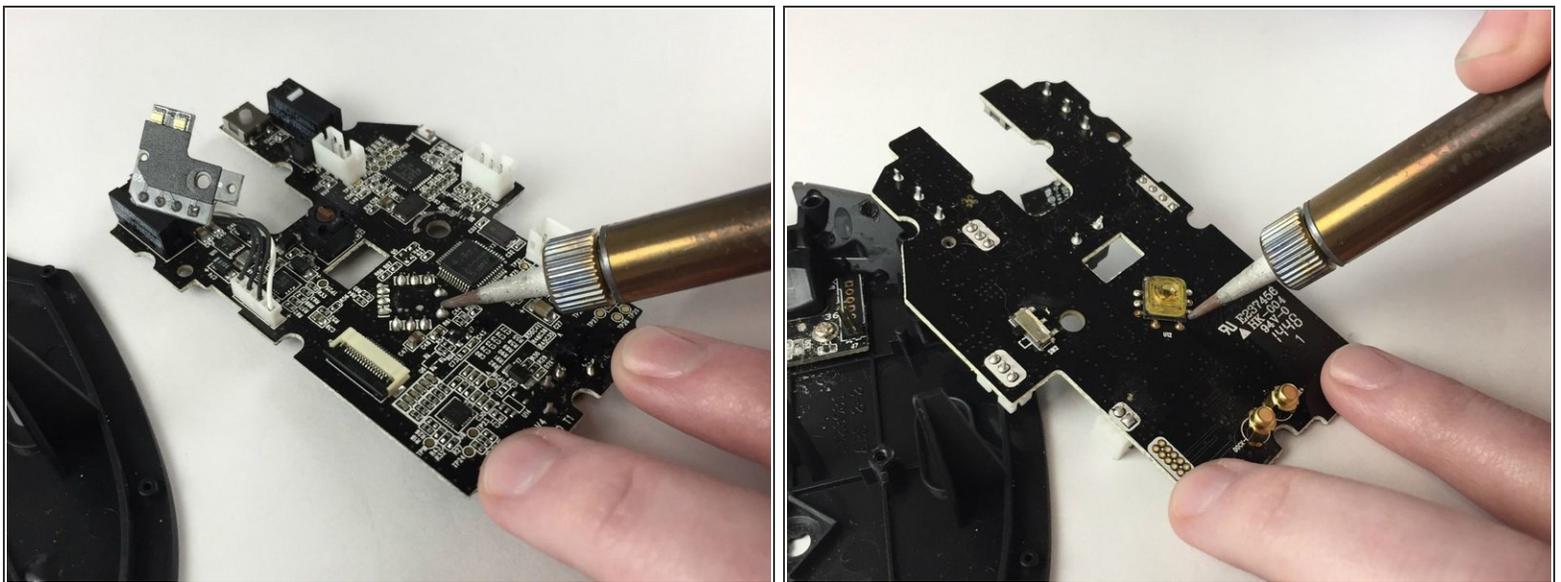
- Remove the circuit board and turn it over to its underside.

## Step 12



- Around the yellow sensor, located in the middle of the back of the circuit board, locate the eleven "leads" (soldered connections) surrounding the yellow sensor.

## Step 13



- Re-solder all eleven leads to the connection points of the sensor.
  - This should fix the problem with the mouse sensor tracking issues.
- i** For soldering tips, refer to [this guide](#).

To reassemble your device, follow these instructions in reverse order from steps 1-5.