



Written By: Yessika Lugo



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## INTRODUCTION

**You will need knowledge of how to use a soldering station.** For more information regarding soldering, visit: [Soldering Skills](#)

During the replacement of the headphone jacks, you will locate them on the back of the motherboard, desolder the joints keeping the jacks in place, and remove them.

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### TOOLS:

- [Phillips #1 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Spudger](#) (1)
  - [Soldering Iron](#) (1)
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## Step 1 — Motherboard



- Access the battery compartment
- Remove the battery compartment lid and set it aside.
- Disconnect the battery and set it aside.

## Step 2



- Puncture the sticker in the battery compartment with a spudger to access the screw beneath it.

### Step 3



- Remove the 7mm Phillips #1 screw from the battery compartment.
- Place the screw in a secure place.

### Step 4



- Begin prying open the device.
  - Insert a plastic opening tool into the side groove about 2cm from the pink plastic component and pry open one side of the device.
  - Once the side is separated, leave the opening tool inside to prevent the two sides from closing.

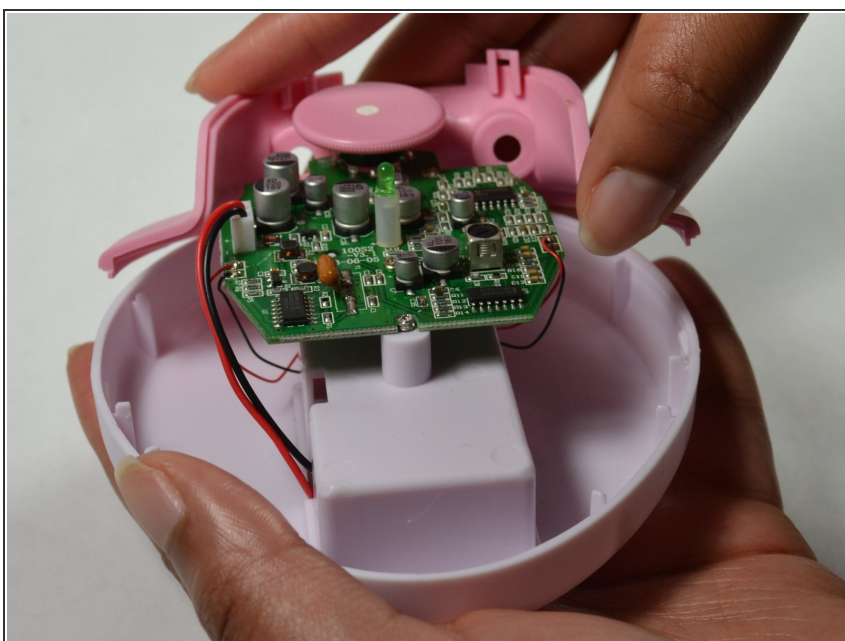


## Step 5



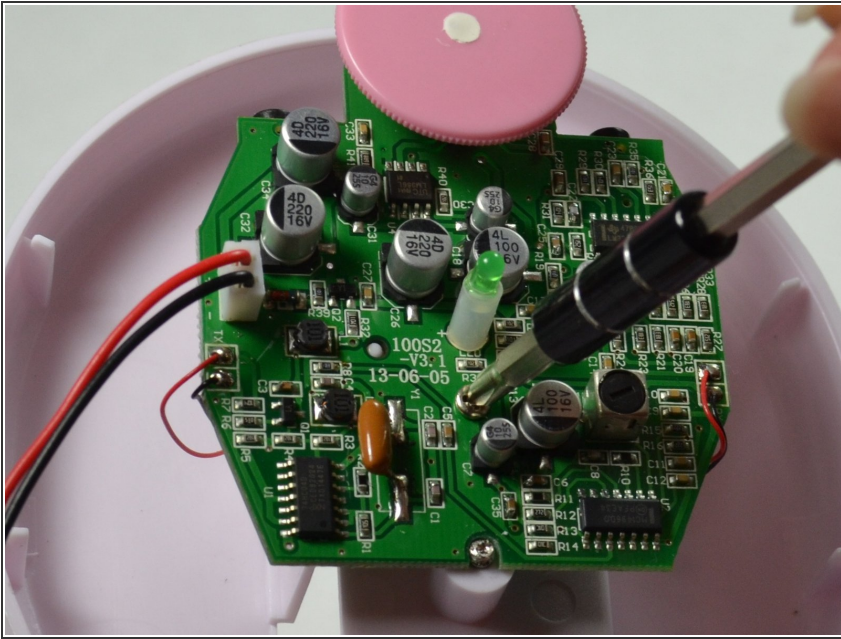
- Insert another plastic opening tool into the groove opposite to the side of the tool already inserted.
- Create separation on that side until the white plastic component comes off entirely.
- Place the white plastic component in a secure place.

## Step 6



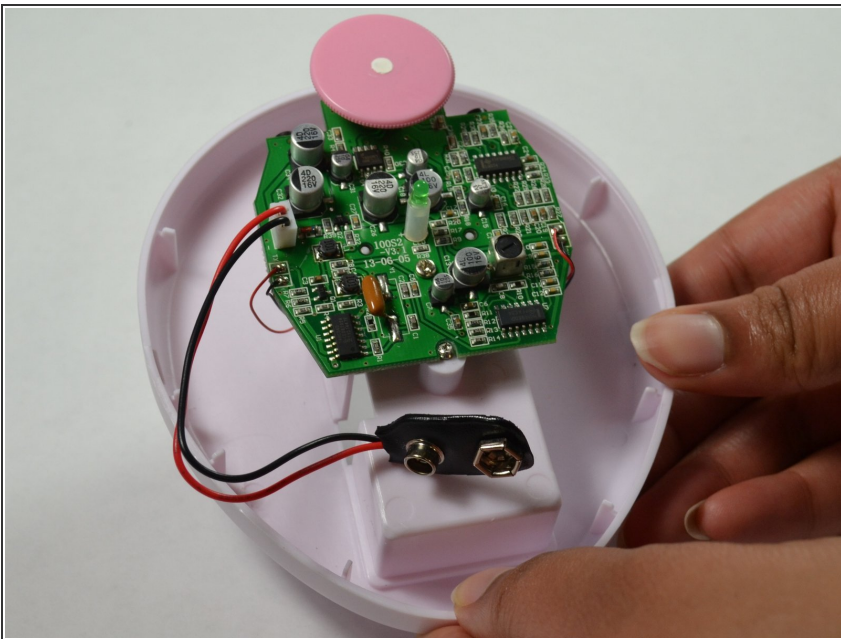
- With your hand, remove the pink component.

## Step 7



- Remove the 7mm Phillips #1 screw in the middle of the motherboard.

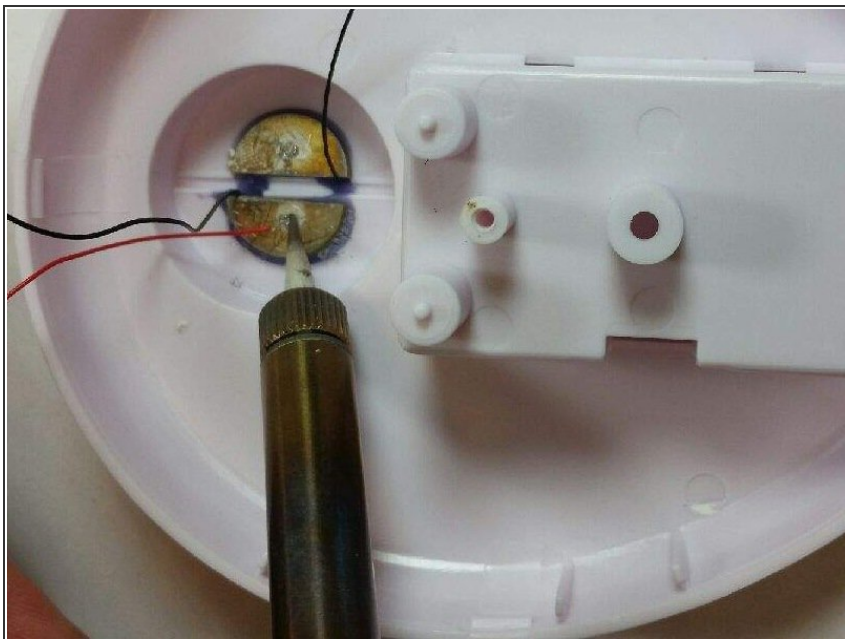
## Step 8 — Headphone Jacks



- Take the battery connector out of the battery compartment.

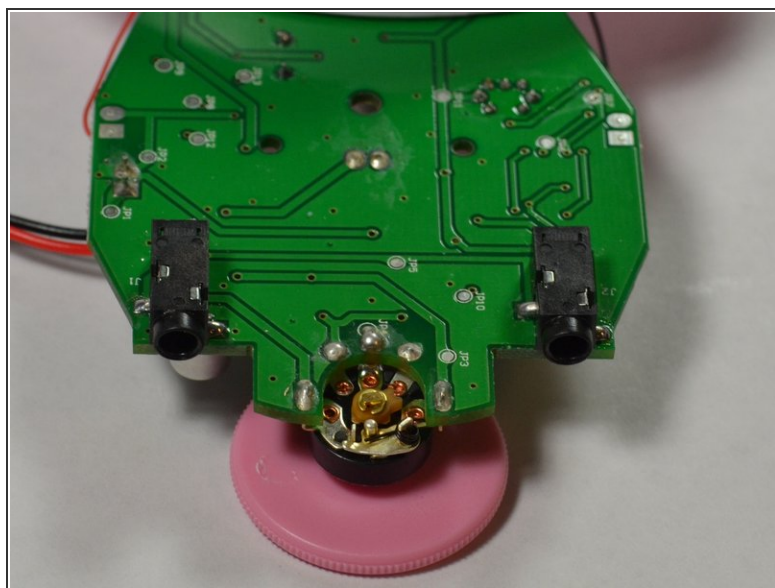
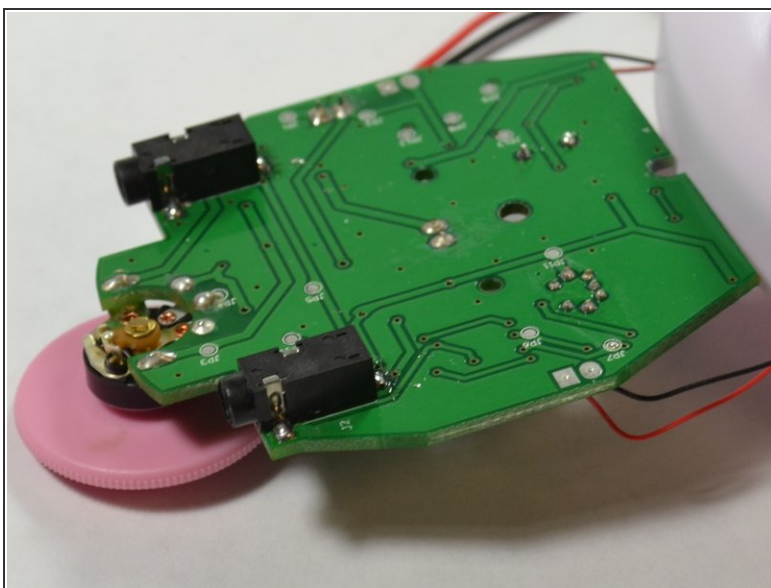


## Step 9



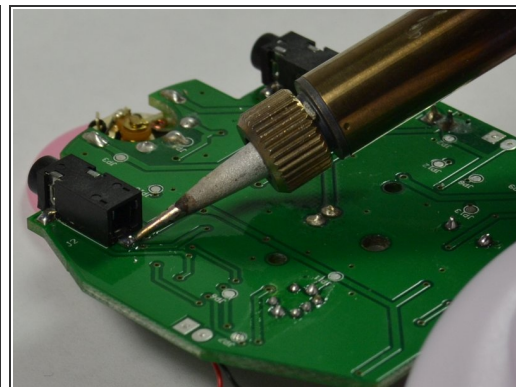
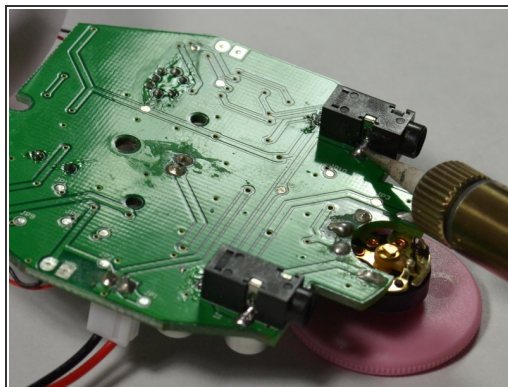
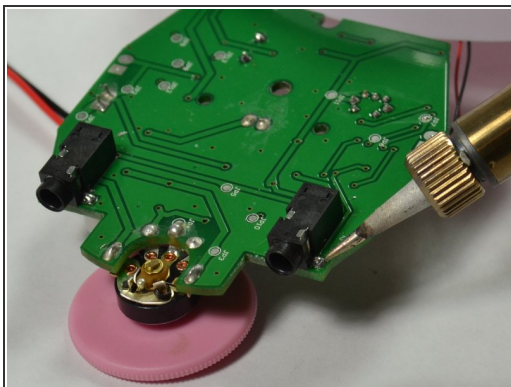
- Preheat the soldering iron .
- Locate the wires that connect to the transducer.
- Use a soldering iron and solder vacuum to unsolder the wires connected to the transducer.

## Step 10



- Place the motherboard in a position that allows easy access to the jacks.

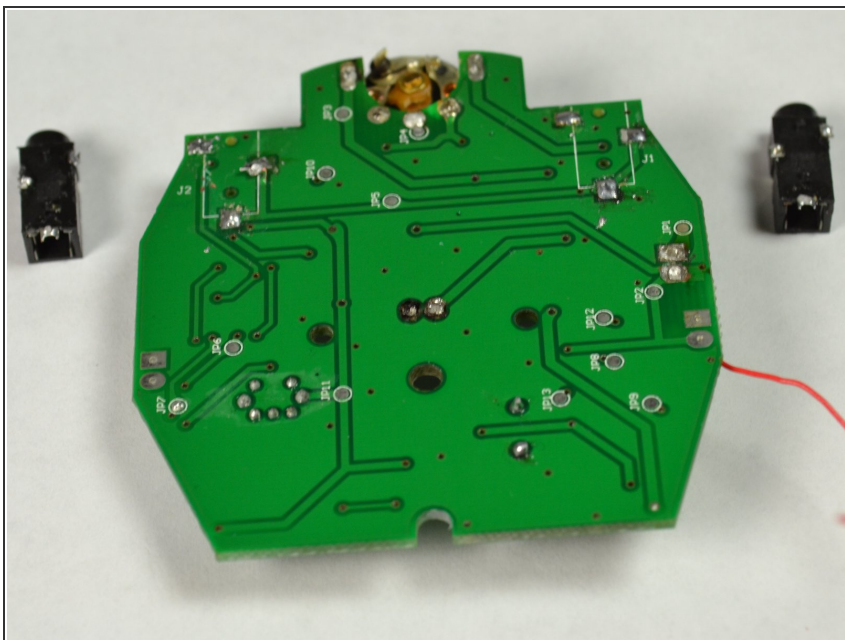
## Step 11



- Desolder the three solder joints securing each of the headphone jacks.

⚠ Try not to melt the motherboard when removing solder that secures the jacks.

## Step 12



- Remove the jacks by pulling them out of the motherboard.

To reassemble your device, follow these instructions in reverse order.