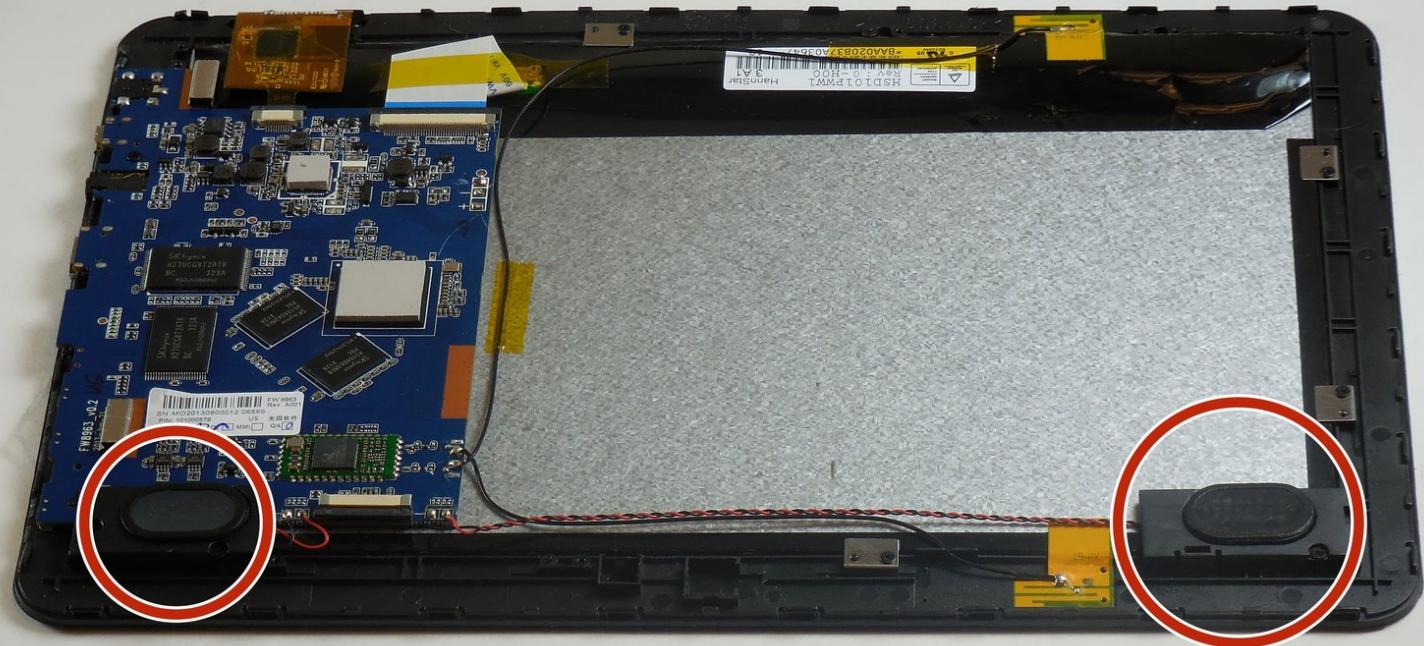




# Hannspree Hannspad SN1AT71 Left and Right Speaker

The left and right speakers are fairly easy to replace if they fail. The Speakers have fairly powerful magnets inside them as well.

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## INTRODUCTION

If your sound become distorted or your speakers fail, replacing the speakers is the way to fix the problem. Remember, the camera ribbon cables should to be removed in order to safely get to the speaker wire.

### TOOLS:

- Metal Spudger (1)
- iFixit Opening Tools (1)
- Tweezers (1)
- Soldering Workstation (1)

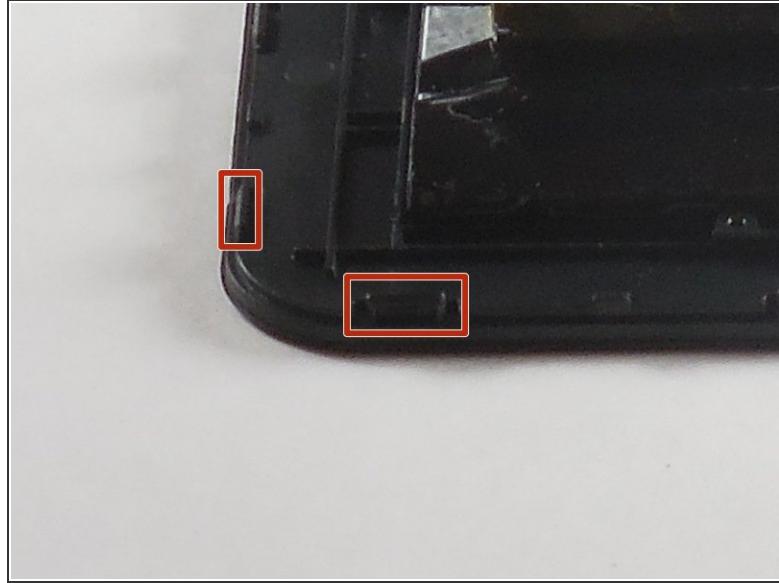
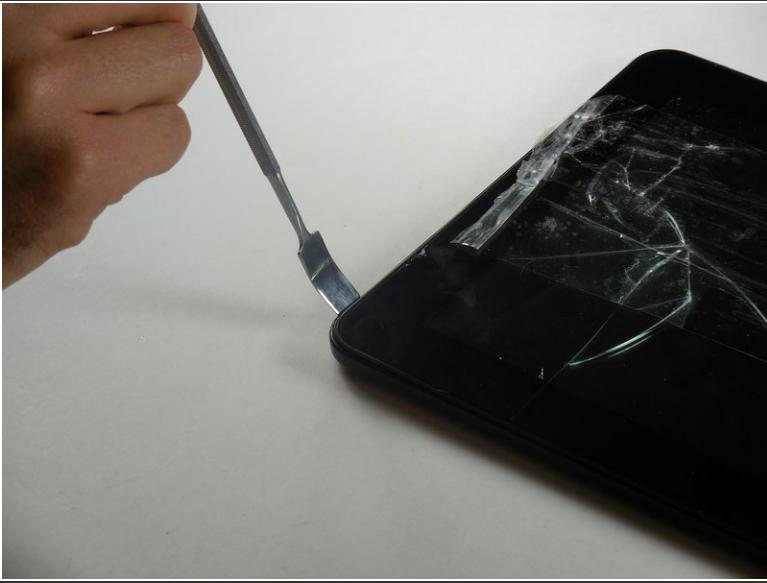
## Step 1 — Back Panel



- Turn off the device.
- Place the tablet screen side up.

**⚠** Make sure the device is turned off to avoid damage.

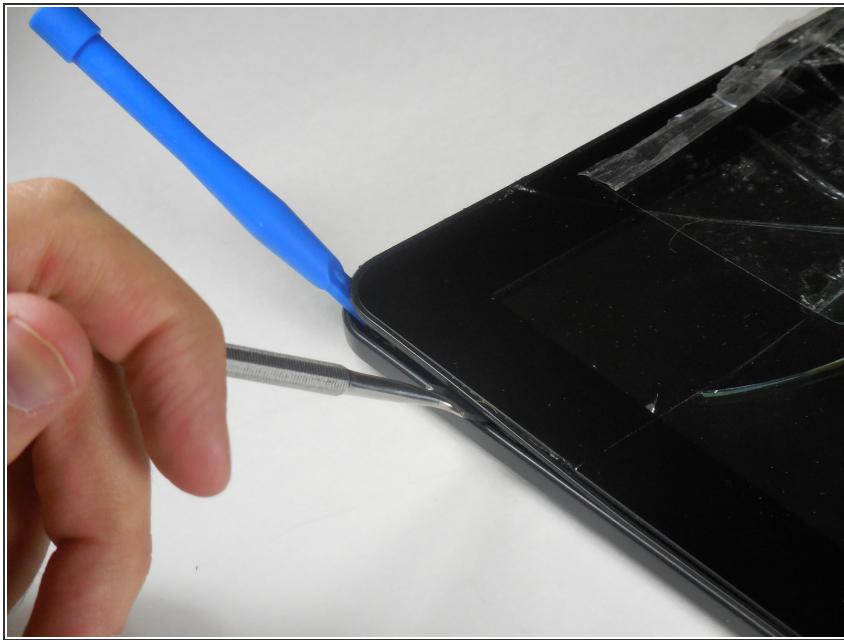
## Step 2



- Use the metal spudger to press an opening between the screen and back cover.
- Plastic tabs are located on each corner of the back cover.

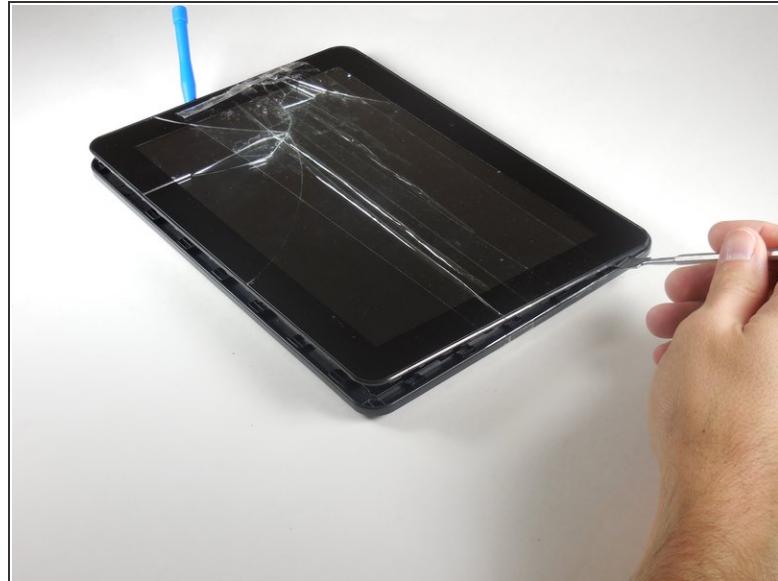
**⚠** Be careful, as the plastic tabs are delicate.

## Step 3



- Wedge the plastic opening tool between the screen and the back panel to keep tension constant.

## Step 4



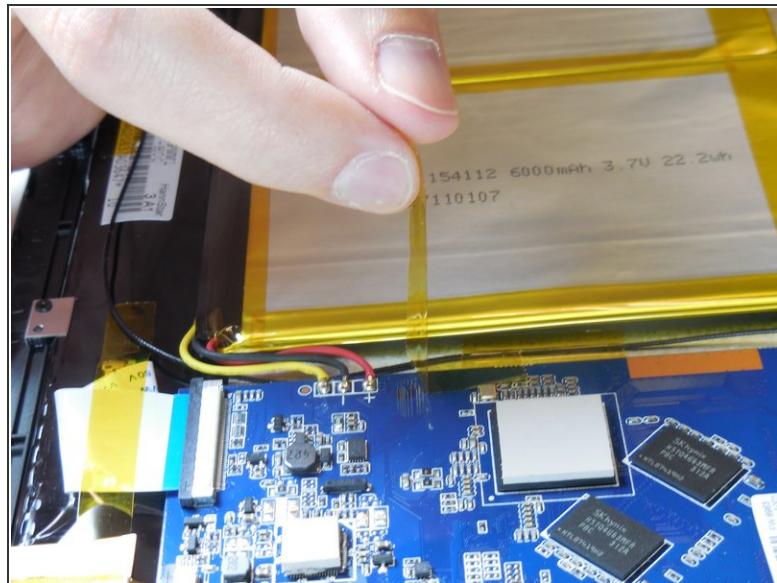
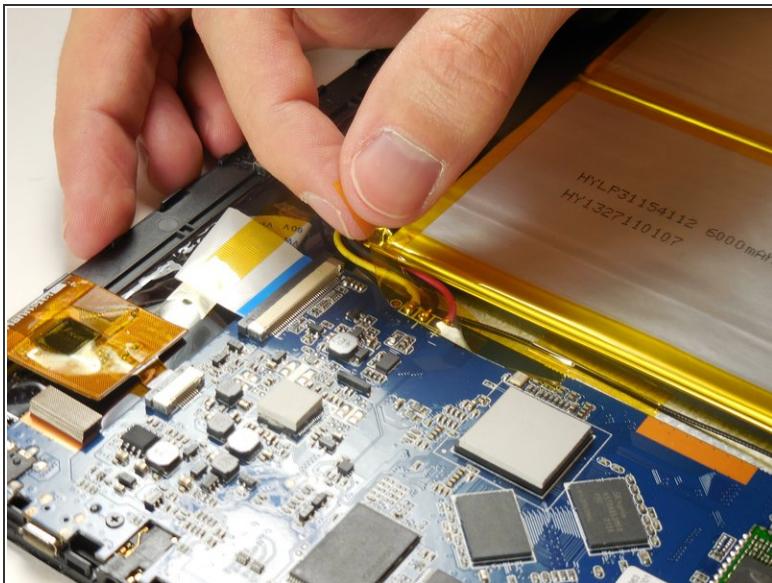
- Slide the metal spudger around the casing to separate it from the inside of the tablet.

## Step 5



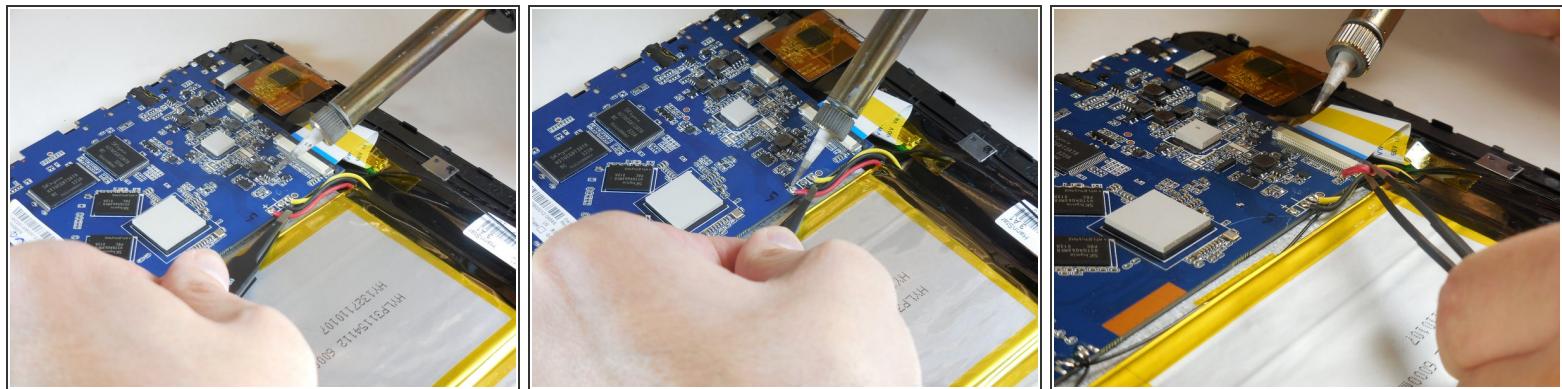
- Flip the tablet over so the screen side is down after all the tabs are separated.
- Remove the back panel by delicately lifting it straight up.

## Step 6 — Battery



- Remove the adhesive tape from the power connection cables.

## Step 7



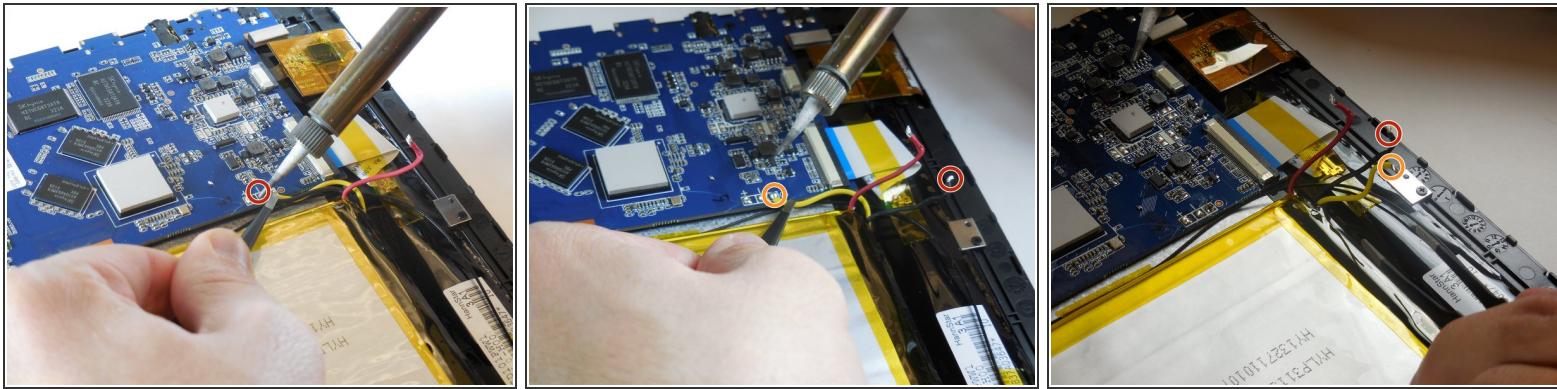
**i** Instructions for desoldering can be found on the [iFixit website](#).

**!** The soldering iron is hot. It can burn you and it can cause damage to the wires and motherboard.

- Grab hold of the red wire using the tweezers.
- Desolder the red wire connection from the motherboard using the tip of the soldering iron.
- Move the wire connection away from the motherboard.

**!** Do not let the red wire connection touch other wires or the motherboard.

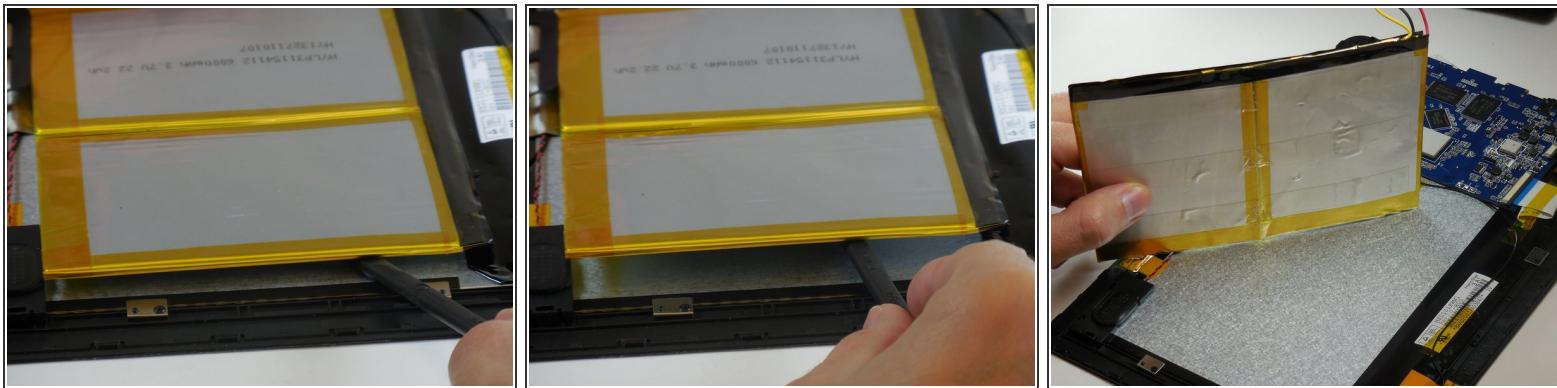
## Step 8



- Desolder the black wire connection from the motherboard by following the previous step.
- Desolder the yellow wire connection from the motherboard by following the previous step.

**⚠** When moving the wire connections, do not let the red wire connection touch other wires or the motherboard.

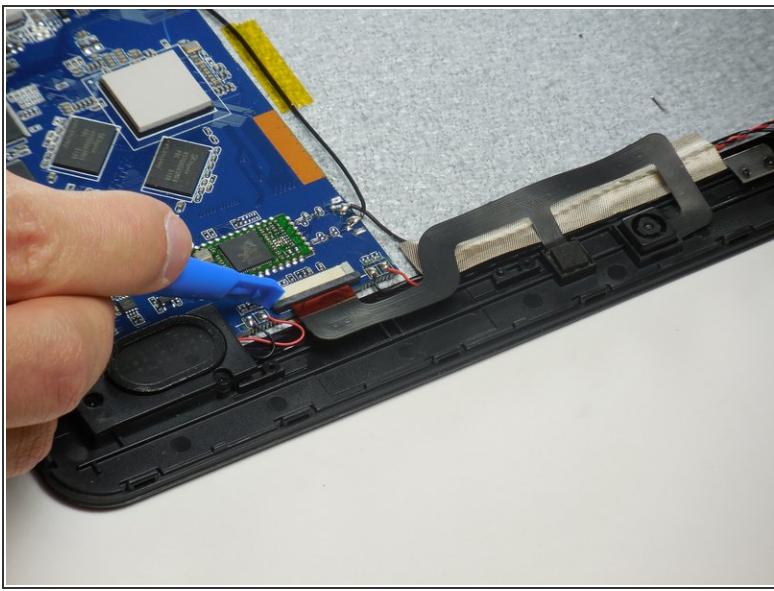
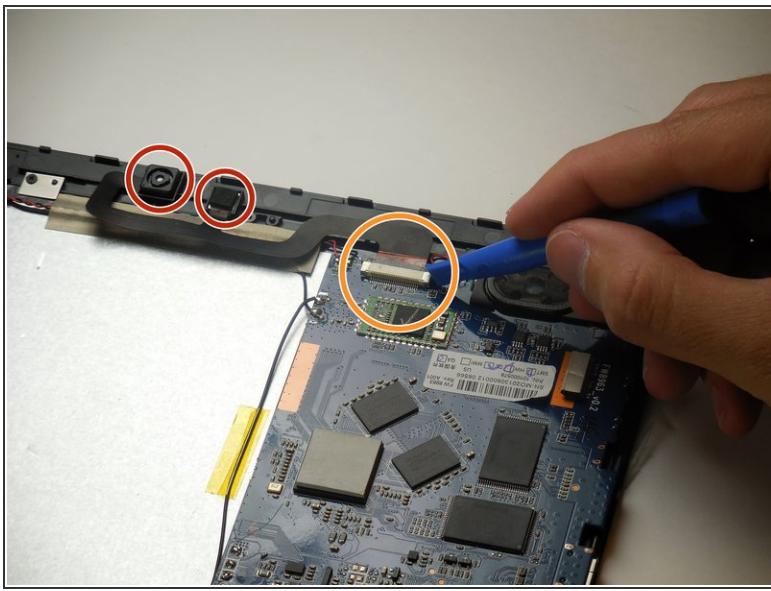
## Step 9



- Insert the flat end of the nylon spudger between the battery and the case.
- The battery is attached to the tablet with an adhesive tape, but should slowly come free.

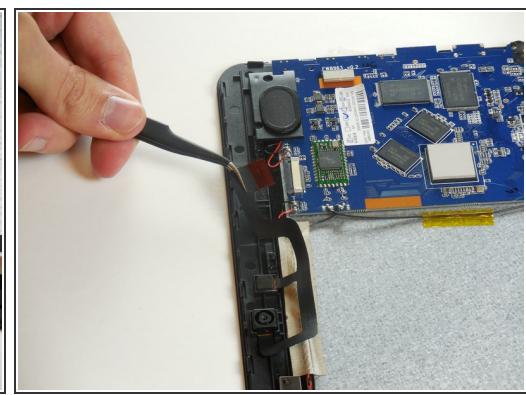
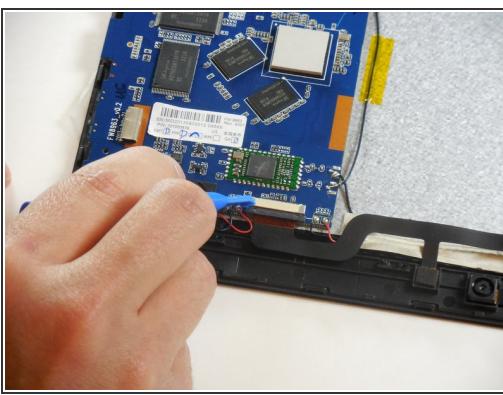
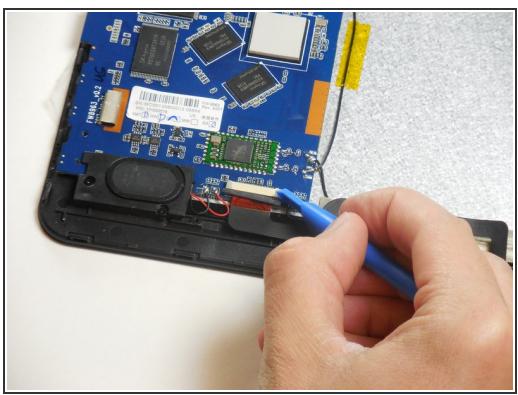
**⚠** Be careful to not puncture or bend the battery during its removal. If your battery is swollen, [take appropriate precautions](#).

## Step 10 — Front and Rear Camera Replacement



- Identify the ribbon connector attached to the camera and where it connects to the circuit board.
- The two cameras are connected with one ribbon cable.
- Zero insertion force connector.

## Step 11



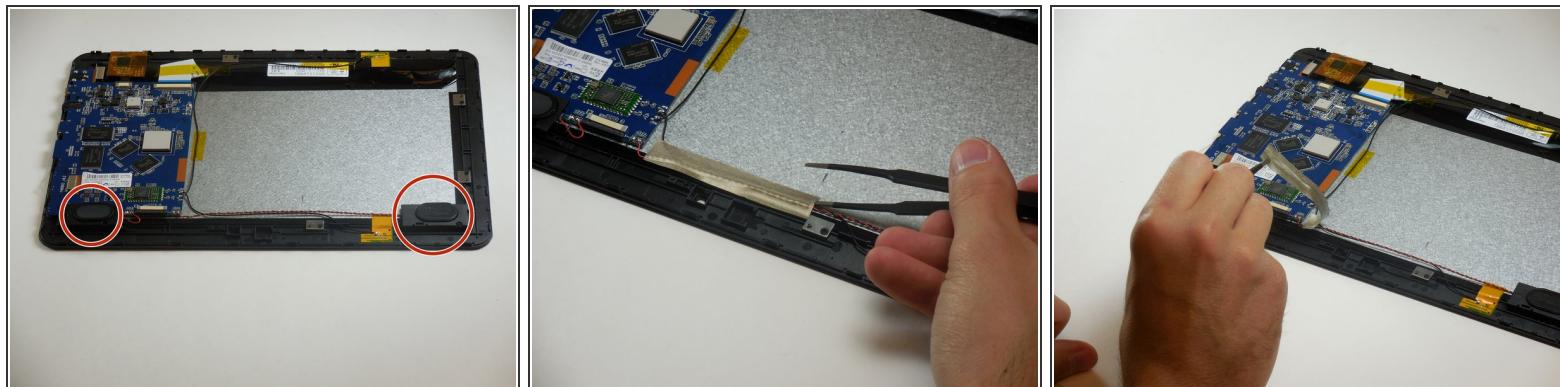
- The sliding zero insertion force (ZIF) connector is easy to disconnect. Use the plastic opening tool or a fingernail to slide the tab out, then pull the cable out.

## Step 12



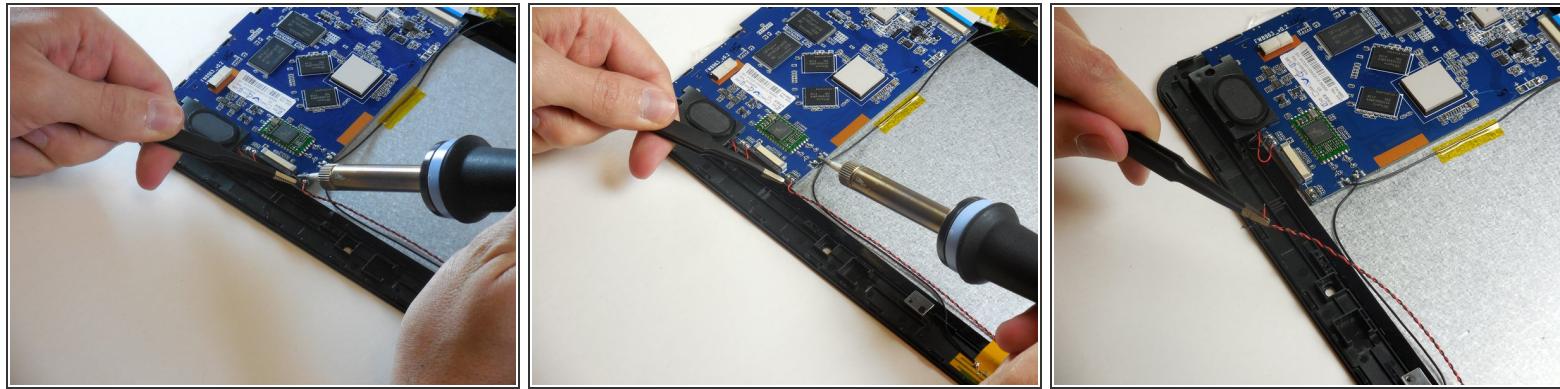
- Pull the cameras out of their resting places in a straight upward motion.

## Step 13 — Left and Right Speaker



- Identify the speakers.
- Use tweezers to peel the adhesive tape holding the speaker's wires down.

## Step 14



- Desolder the red and black right speaker wires.

*(i)* Make sure to note which wire goes where.

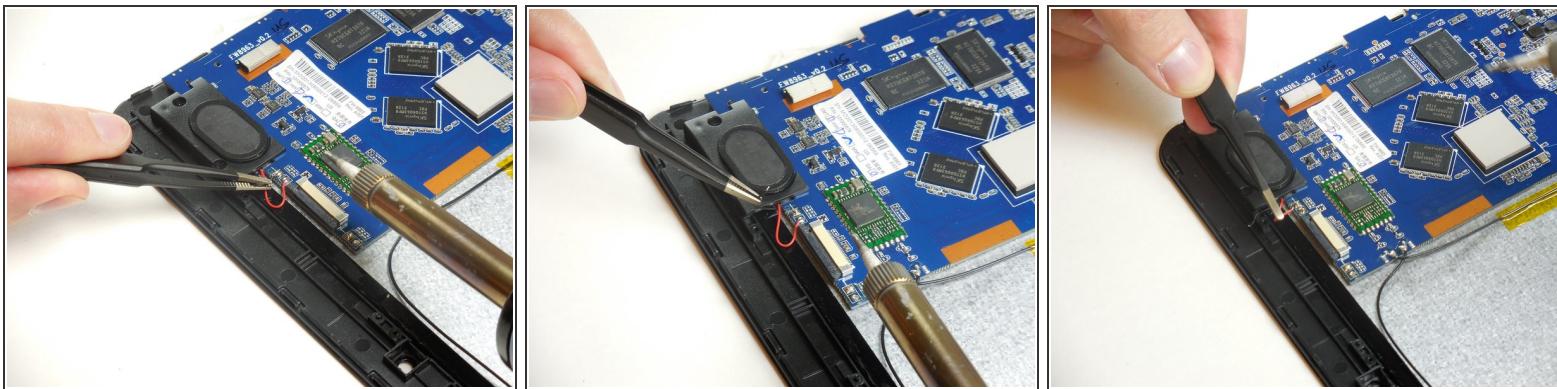
**!** The soldering iron is hot and will make the wire hot.

## Step 15



- Remove the right speaker.

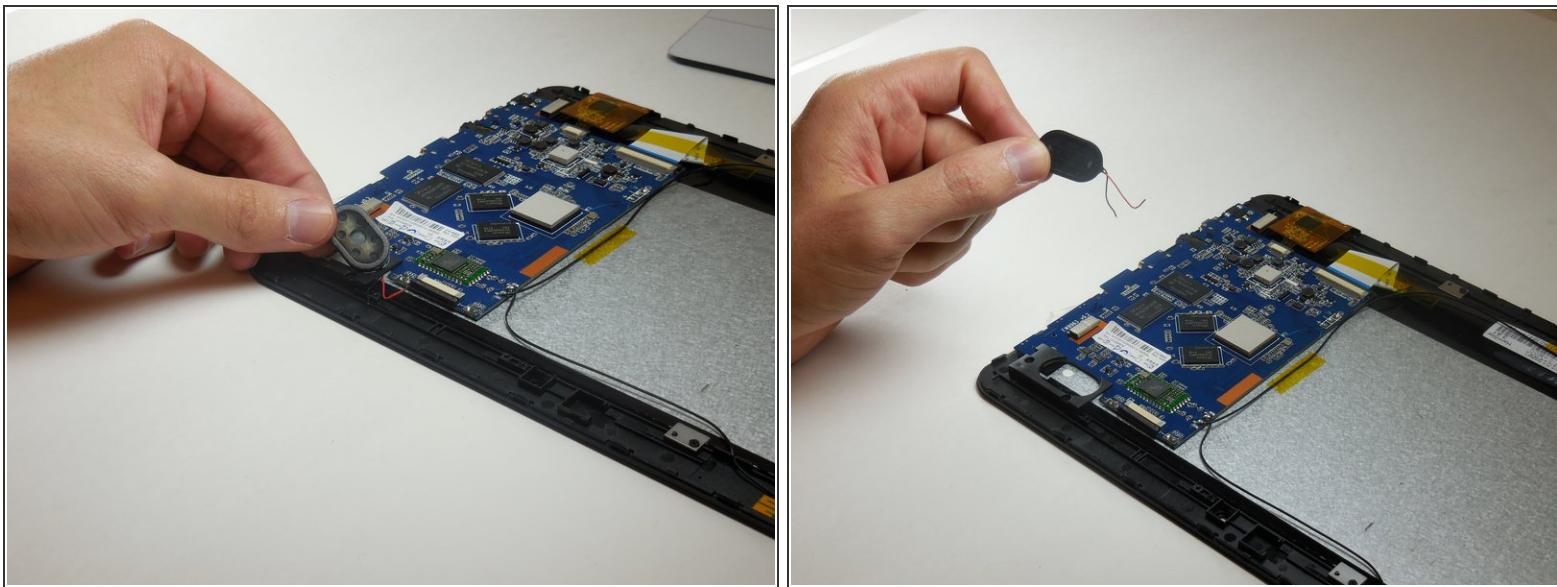
## Step 16



- Desolder the red and black left speaker wires
- Make sure to note which wire goes where.

**⚠** The soldering iron is hot and will make the wire hot.

## Step 17



- Remove the left speaker.

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