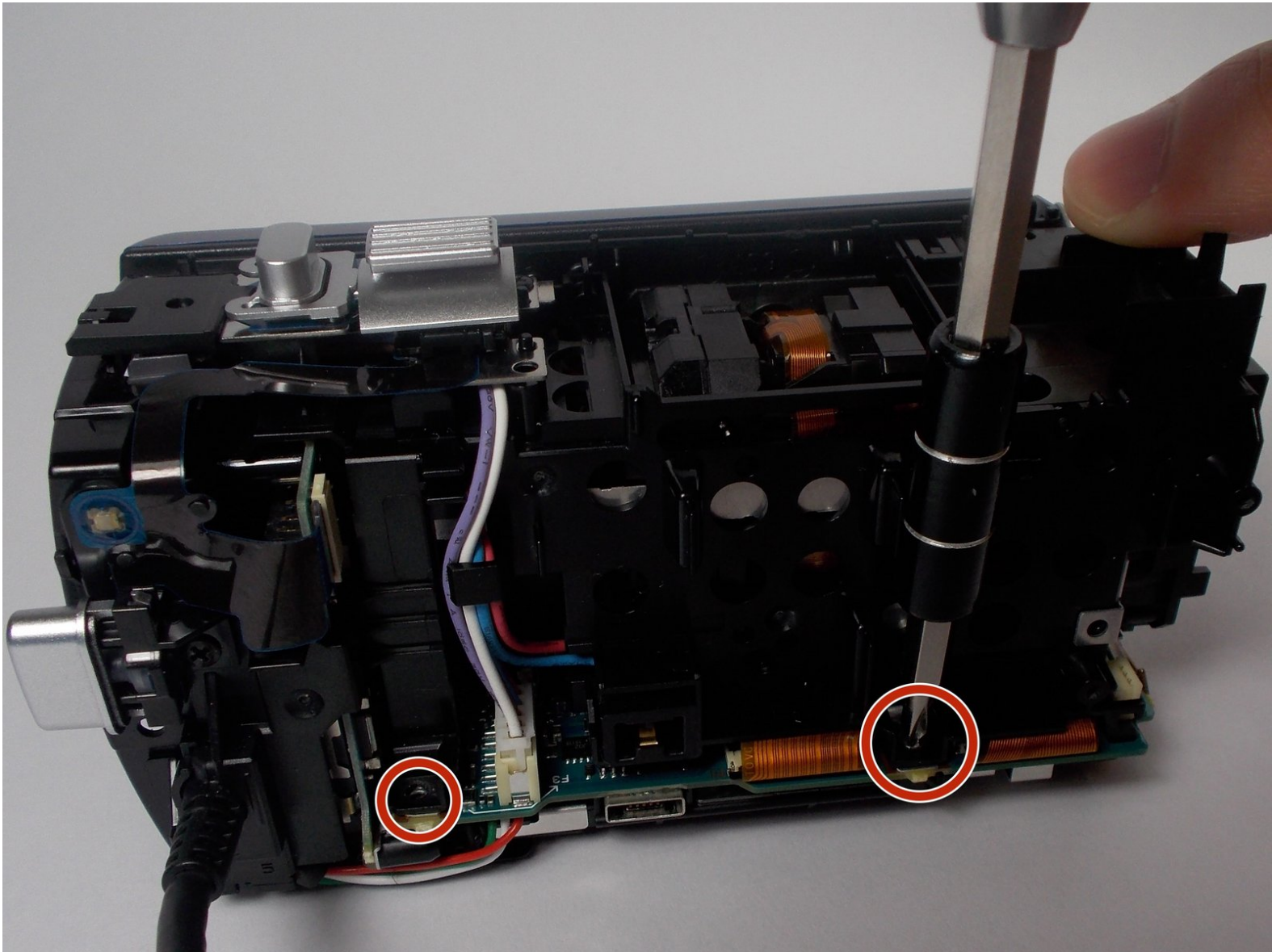




# Sony Handycam HDR-CX220 Motherboard Replacement

Replace the entire motherboard on your camcorder.

Written By: Keven



## INTRODUCTION

Use this guide to help you remove the broken or defected motherboard in your Sony Handycam HDR-Cx220.



### TOOLS:

- [Phillips #0 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
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## Step 1 — Battery



- Push in the battery indicator.

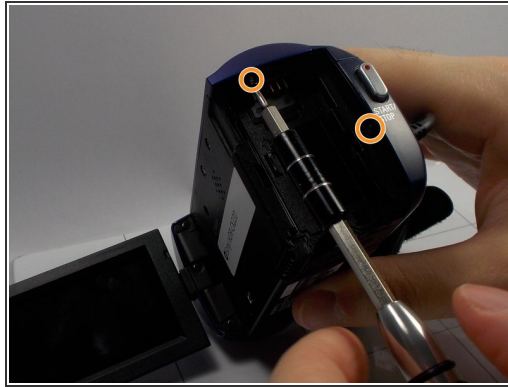
## Step 2



- Slide the battery out of the slot.
- ★ To put the battery back in, line up the battery's metal part with the camera's and slide it in.



## Step 3 — Camera's Body



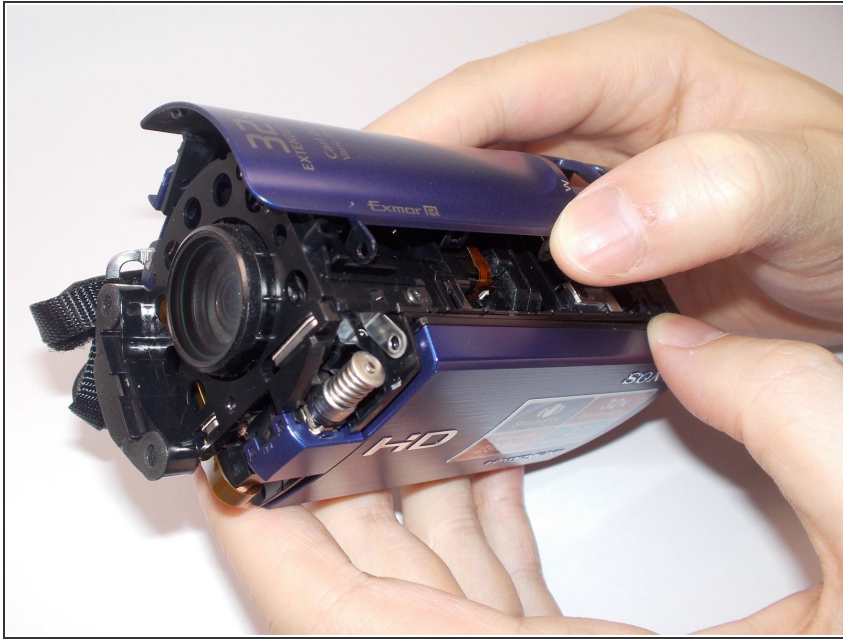
- Use the Phillips #0 screwdriver to remove the two 5mm screws.
- Use the Phillips #0 screwdriver to remove the two 5mm screws.
- Use the Phillips #0 screwdriver to remove the three 5mm screws.

## Step 4



- Use the plastic opening tool to loosen the plastic case of the camcorder.

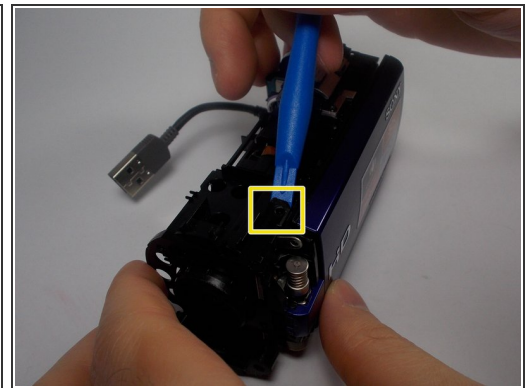
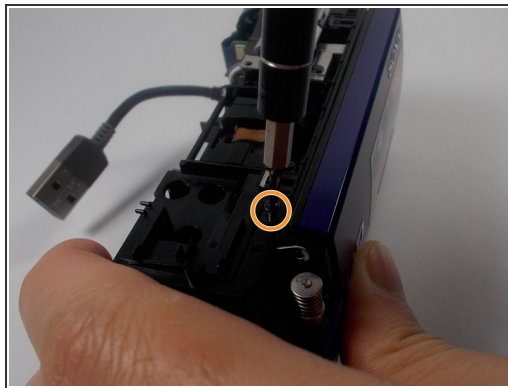
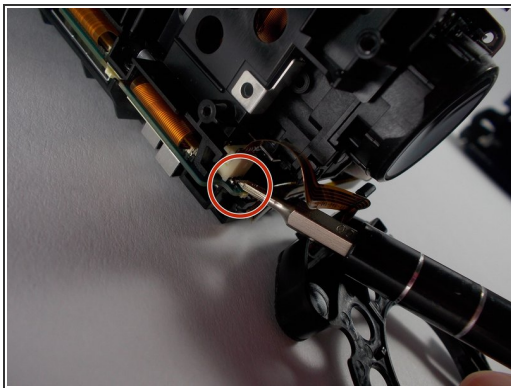
## Step 5



- Use your hands to remove the plastic case.

⚠ Gently pull on the case not to damage anything internally.

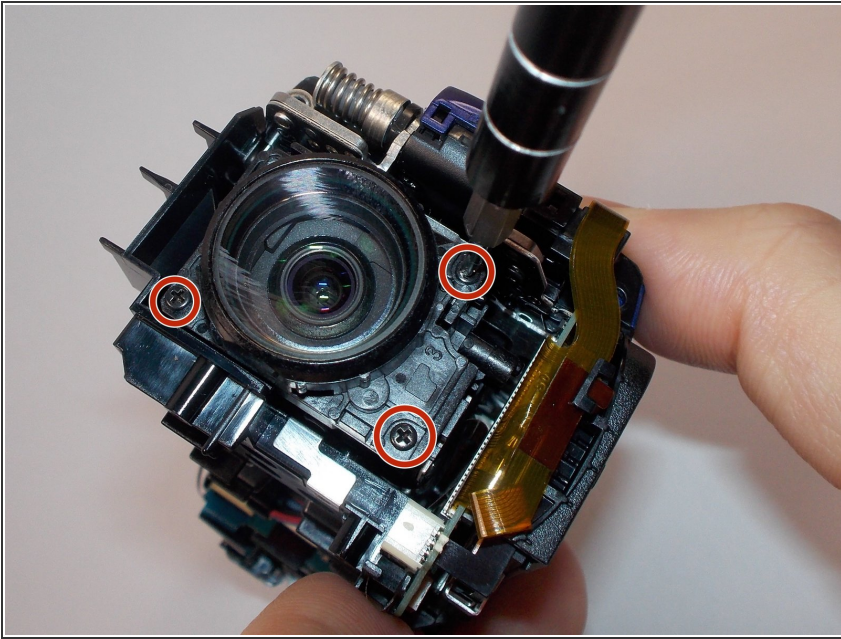
## Step 6 — Lens



- Use the Phillips #0 Screwdriver to remove the 5mm screw
- Use the Phillips #0 Screwdriver to remove the 5mm screw
- Use the Plastic Opening tools to unhook the highlighted area.

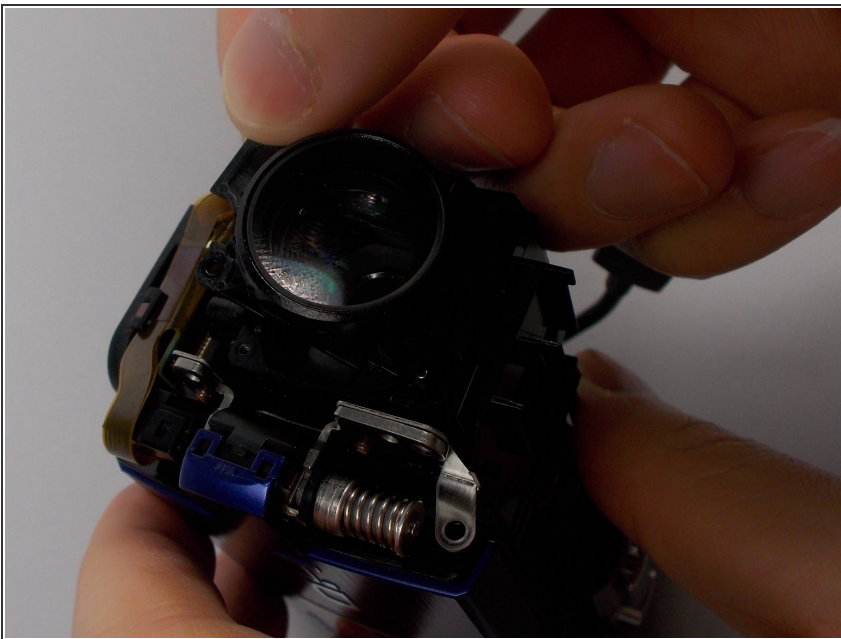


## Step 7



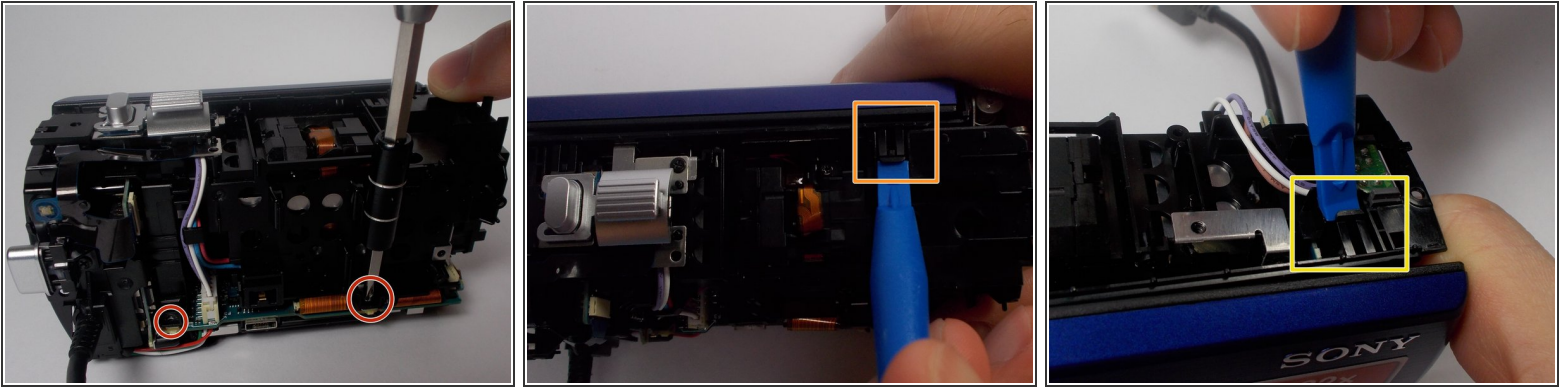
- Remove the 3 (4mm) screws on the front of the lens using the Philips #0 Screwdriver.

## Step 8



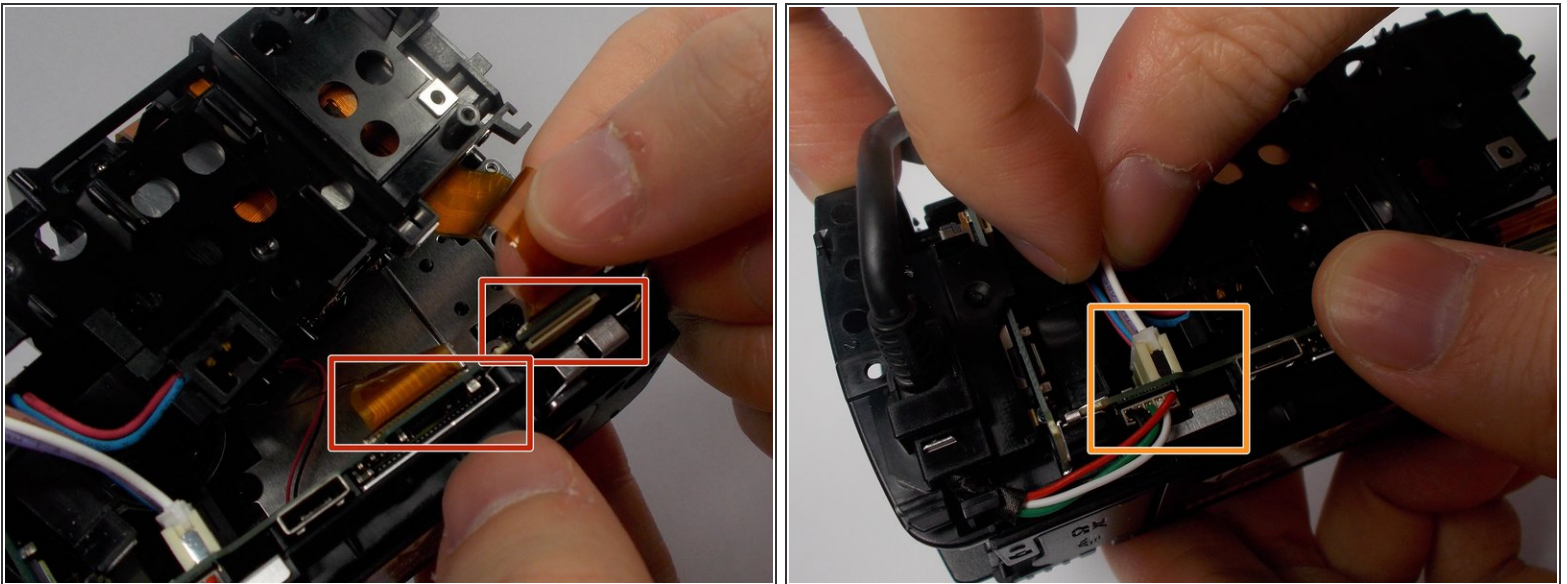
- Remove the lens and clean it if needed.

## Step 9 — Motherboard



- Use the Phillips #0 Screwdriver to remove the shown 5mm screws.
- Use the plastic opening tool to release the front hook.
- Use the plastic opening tool to release the back hook.

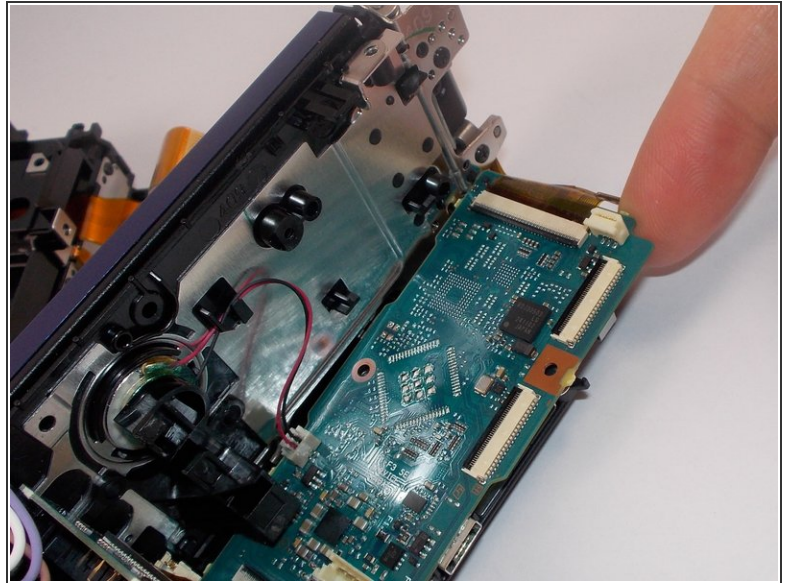
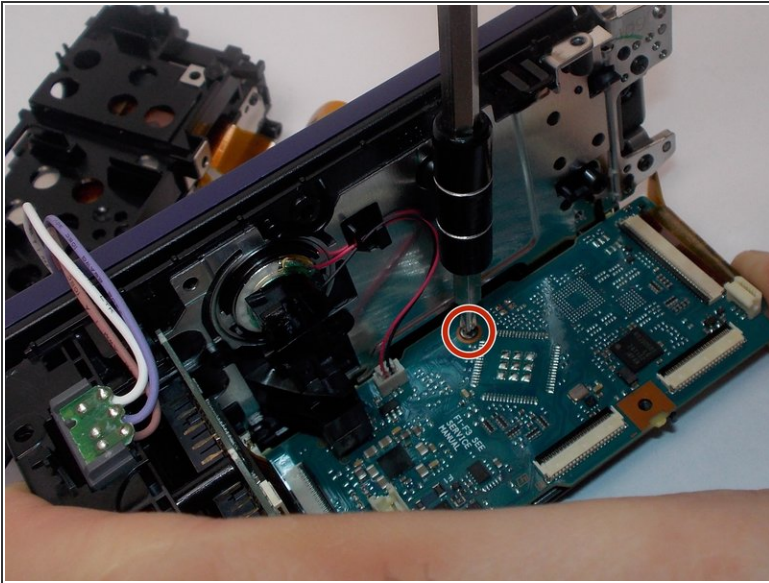
## Step 10



- Gently pull on the 2 wires shown on the bottom of the camcorder.
- Disconnect the wire shows on the second picture.



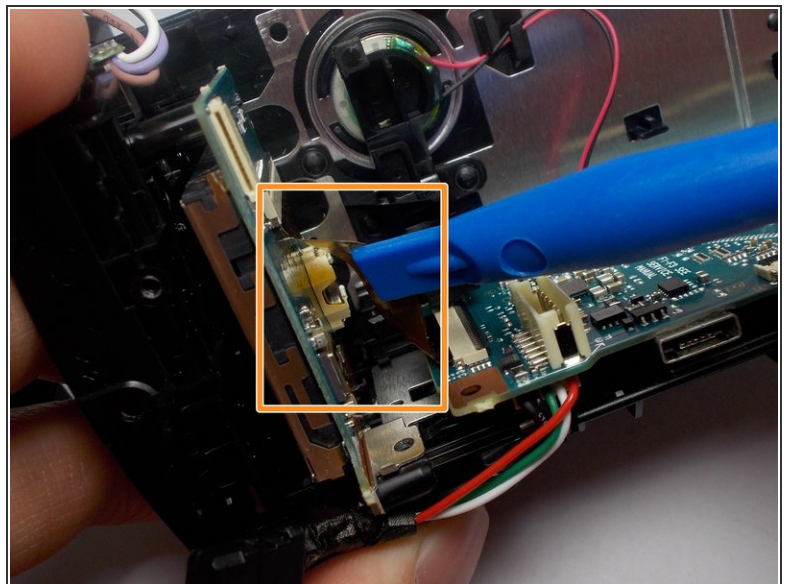
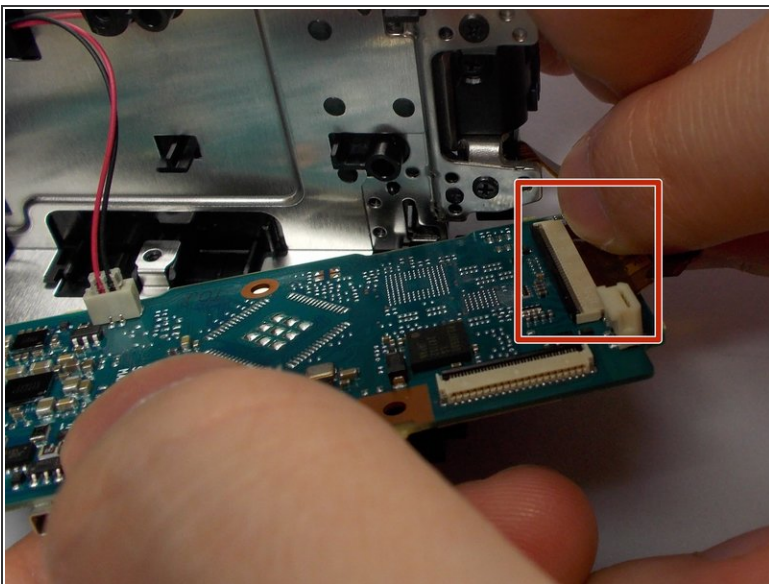
## Step 11



- Use the Phillips #0 screwdriver to remove the 4mm screw shown.

⚠ Gently remove the motherboard with your fingers.

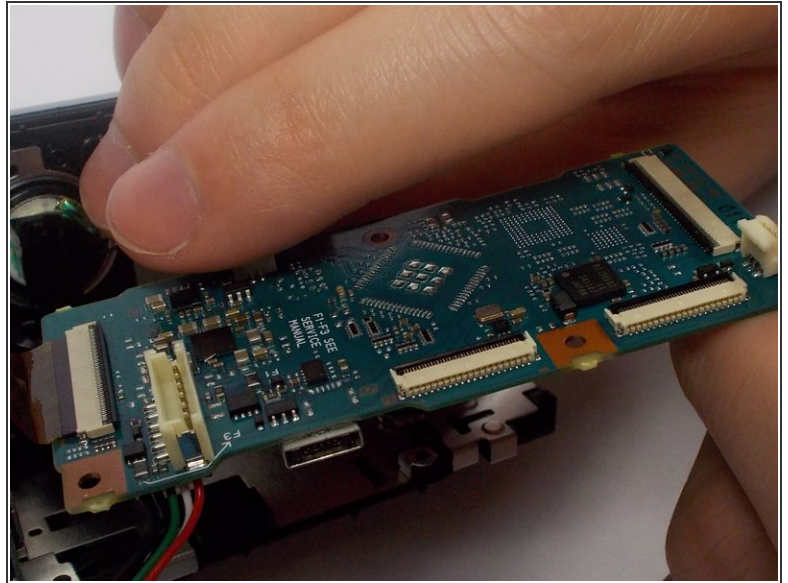
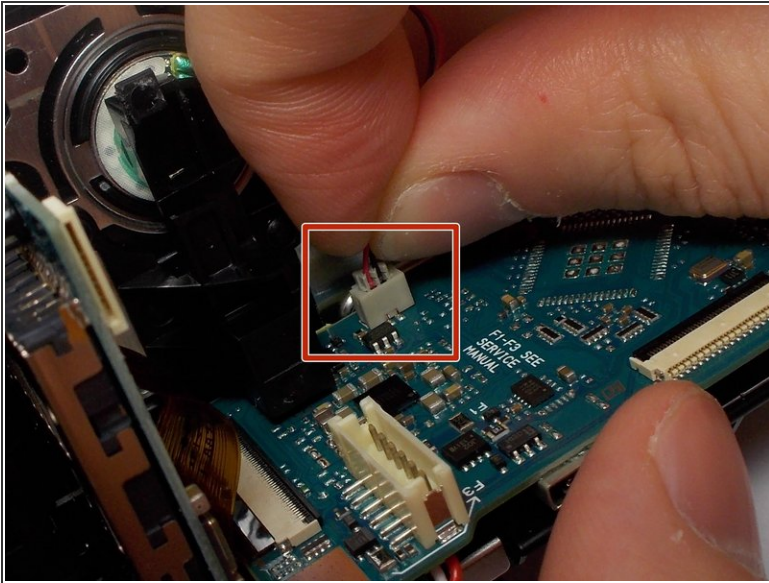
## Step 12



- Remove the side wire from the motherboard as shown on the photo.
- Remove the top wire from the motherboard as shown on the photo.



## Step 13



- Unplug the speaker from the motherboard.

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