



Sony DSC-RX100MA SD Motherboard Replacement

This guide will show you how to replace the motherboard inside the camera.

Written By: Isaiah De Leon



 **TOOLS:**

- [iFixit Opening Tools \(1\)](#)
- [Phillips #0 Screwdriver \(1\)](#)
- [Tweezers \(1\)](#)

Step 1 — Back Cover



- Remove battery by sliding the tab to open the cover

Step 2



- Using the screwdriver, remove all screws (black 2.5mm) from outermost layer of the assembly.

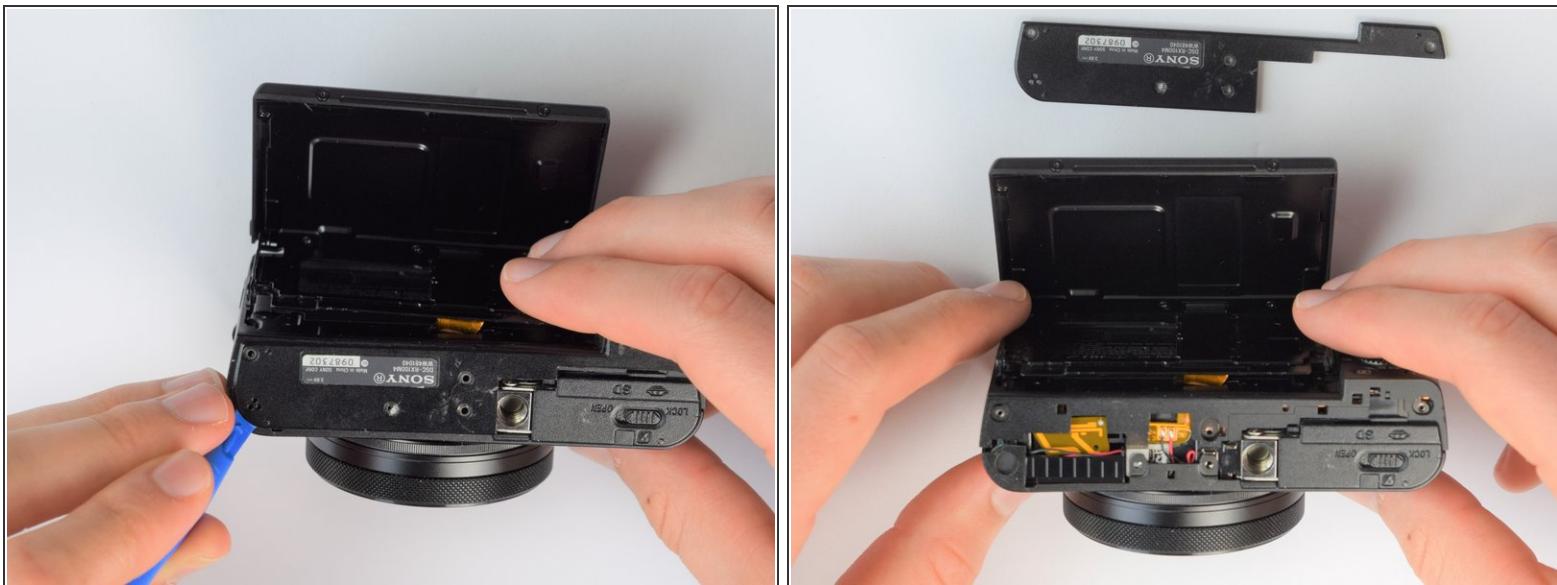
(i) All screws in the camera can be removed with the PH 0 driver head.

Step 3



- Also using the screwdriver, remove screws (black 2.5mm) underneath articulated LCD screen.
- Remove the marked 1 mm screws with the screwdriver

Step 4



- Using the plastic opening tools, carefully pry off the bottom plate.

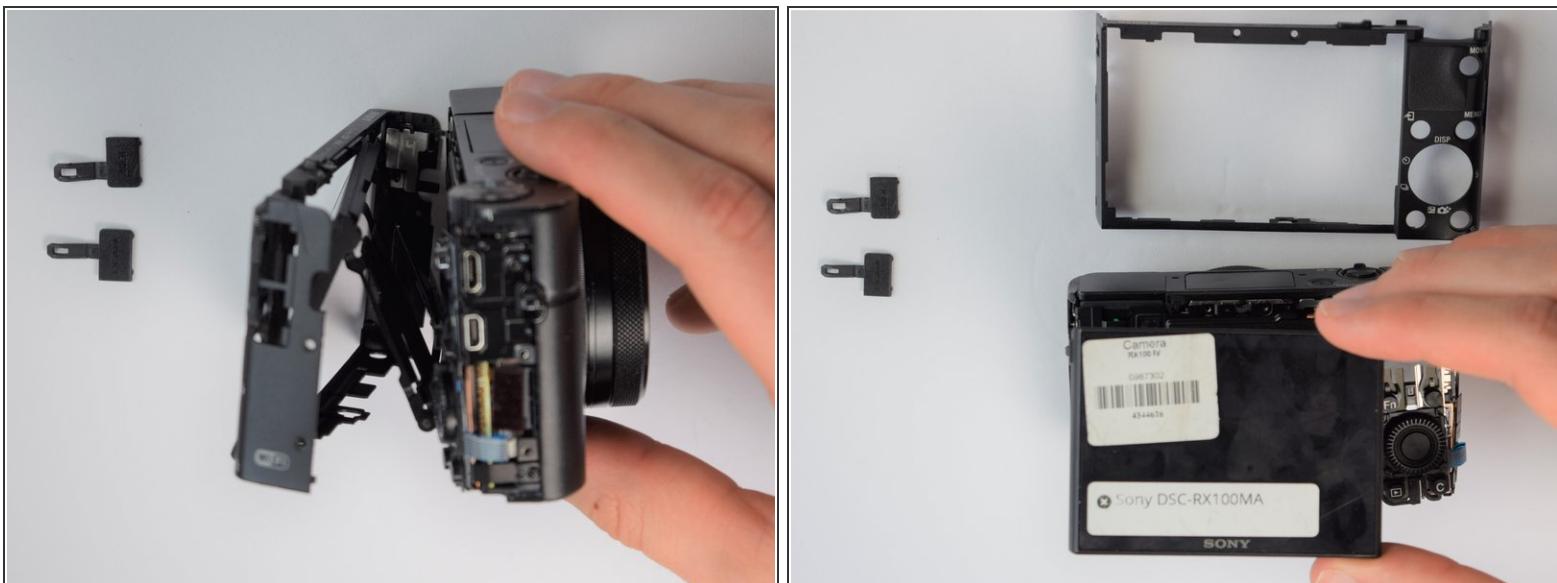
⚠ Do not pull too hard as you may break the plastic casing.

Step 5



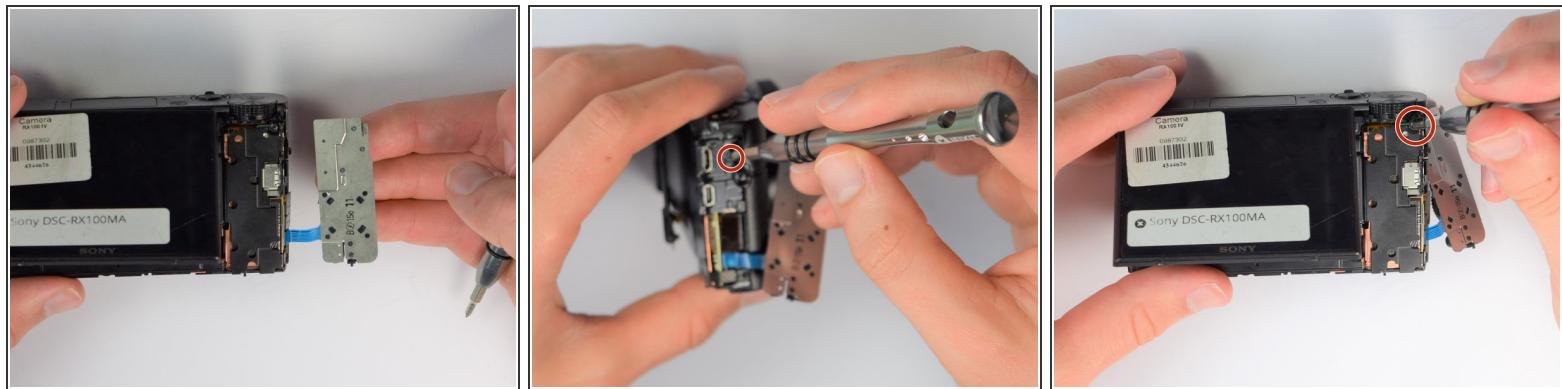
- Using the same plastic opening tools, separate the screen and back assembly from the front portion of the camera
- Once the back assembly is slightly detached, pull the media covers for the HDMI and Multimedia ports

Step 6



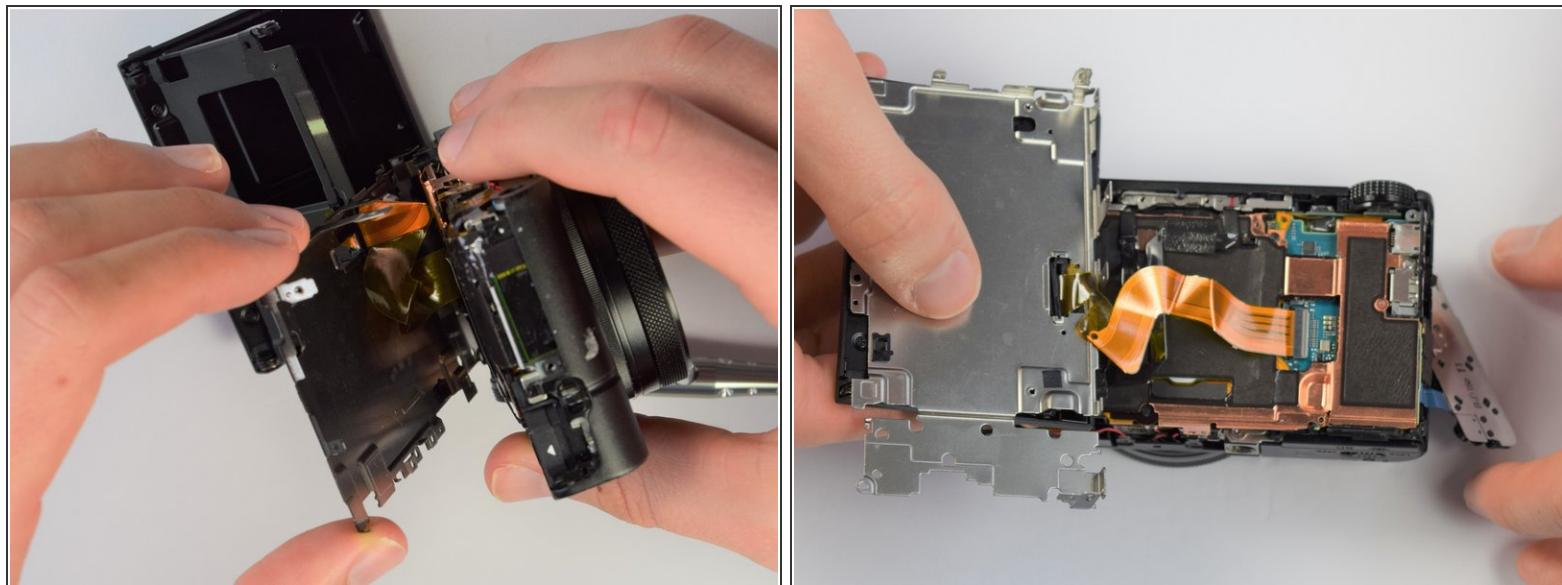
- Remove the back cover

Step 7 — Screen



- Move side panel to get access to screws
- Remove two screws (black 2.5mm) with PH #0 screwdriver

Step 8



- Remove back panel assembly while still keeping ribbon cable attached

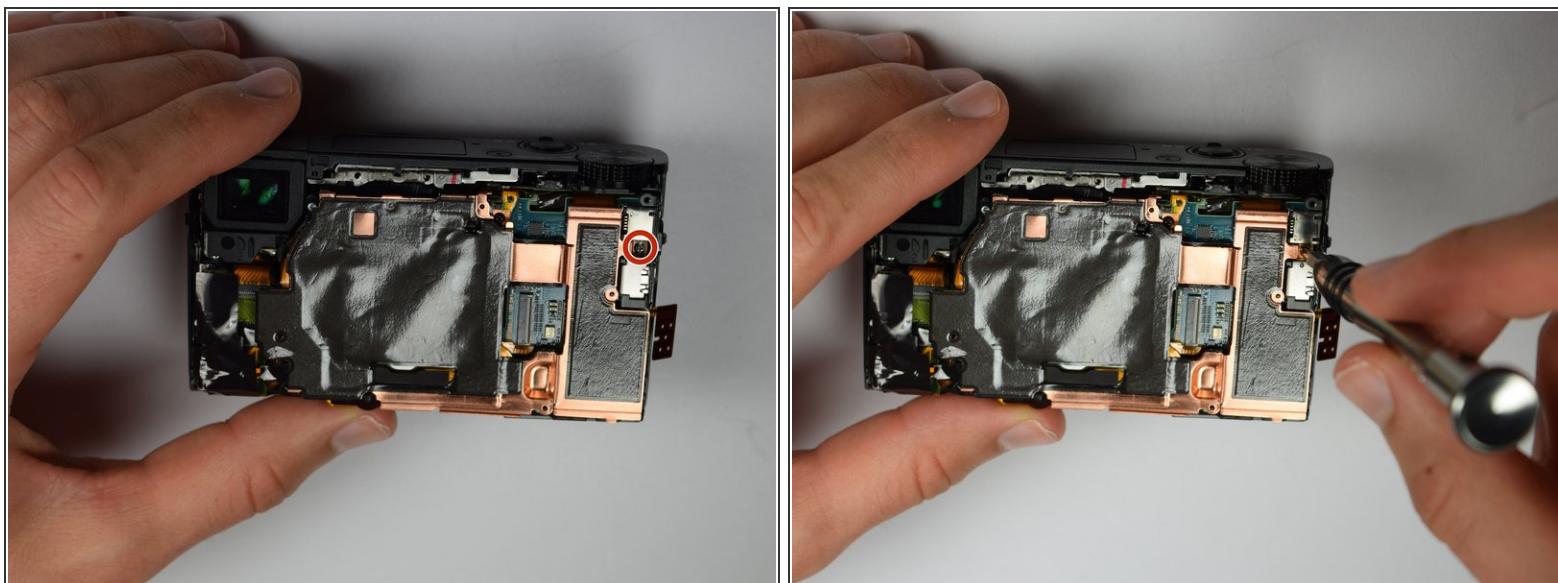
⚠ Be very gentle and care not to tear the gold ribbon cable. This will be a common theme throughout these replacement guides.

Step 9



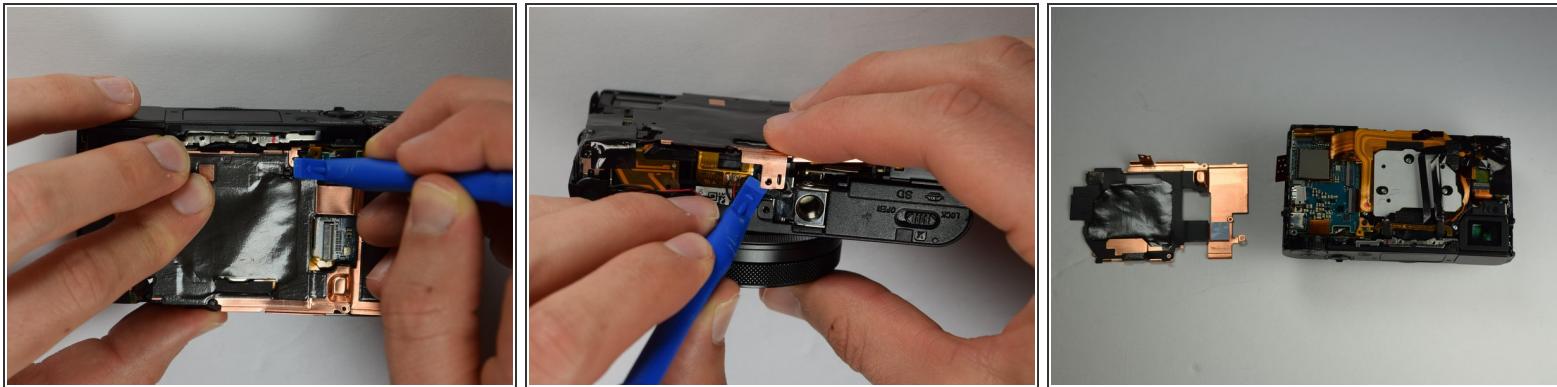
- Carefully unplug ribbon connector to fully detach LCD screen assembly from camera

Step 10 — SD Card Holder



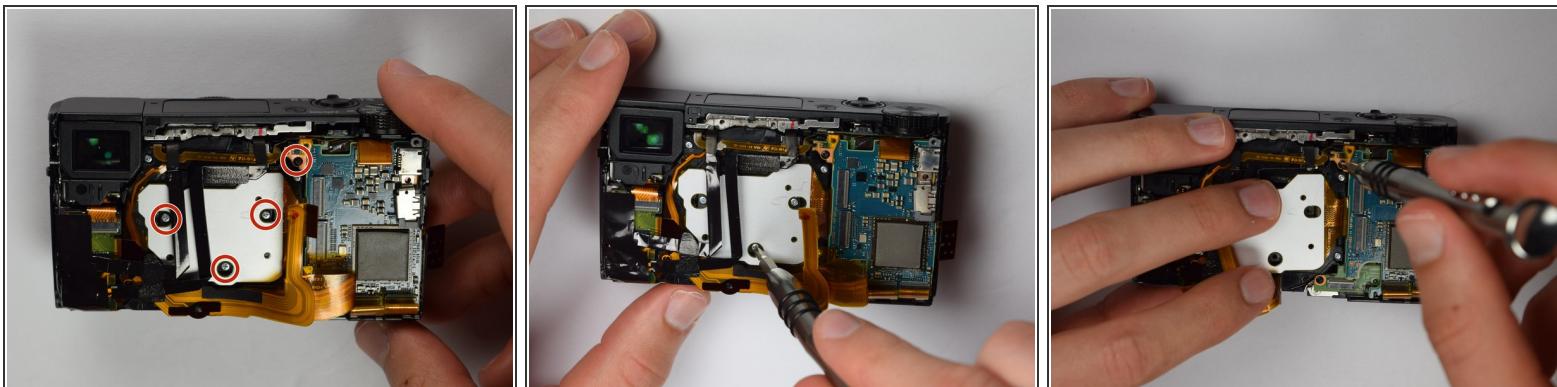
- Remove remaining screw which holds the copper casing in the camera

Step 11



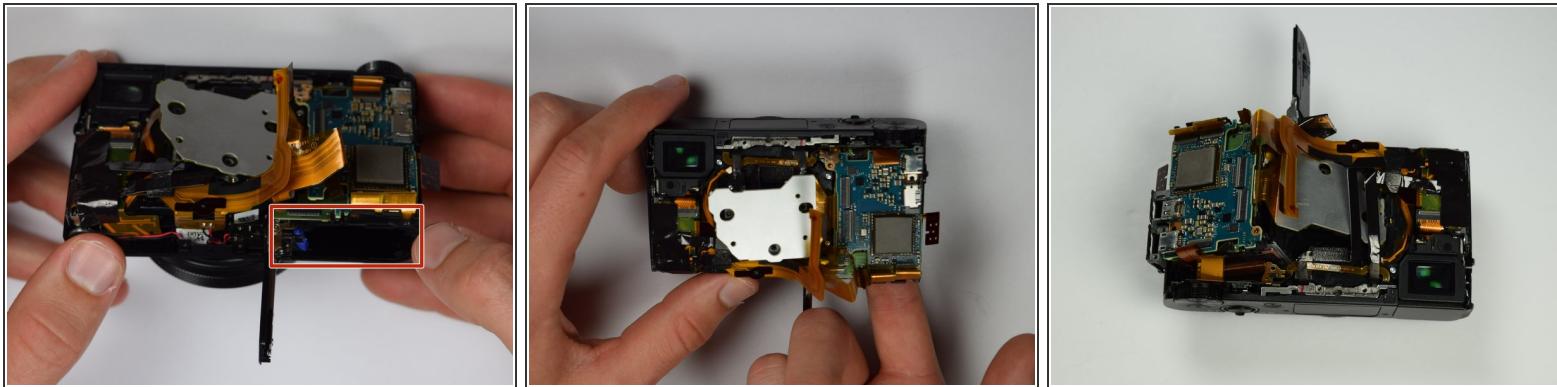
- Using the plastic opening tools, carefully pry off the copper casing at the two pictured points.
- Remove casing

Step 12



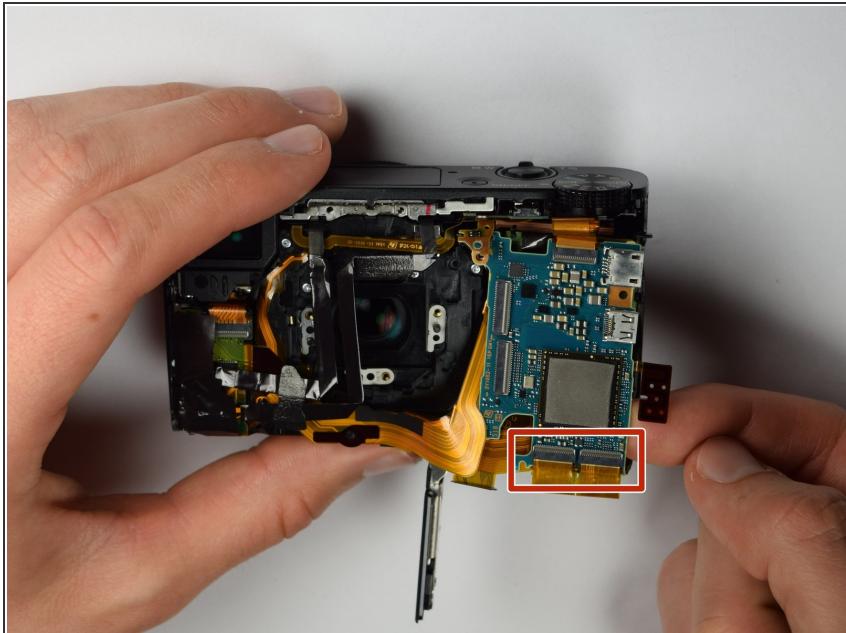
- Using Philips Screwdriver, remove the four screws as marked on the picture

Step 13



- Place your finger into the battery port and push up on the SD card holder to push it out of its socket.
- Give it a little wiggle and you should feel the SD card holder come out.

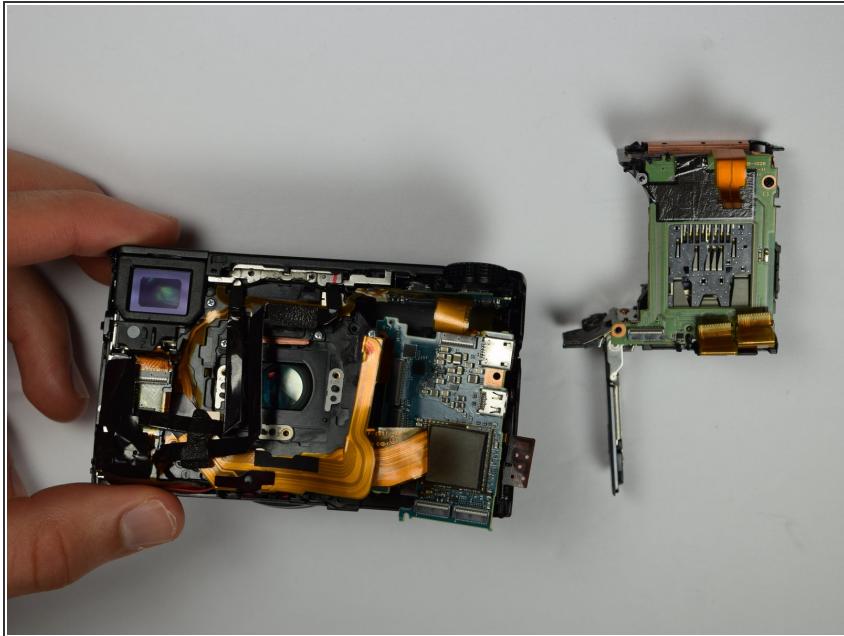
Step 14



- Carefully remove the gold ribbons from the ports of the motherboard by lifting the gray tabs and pulling away the ribbon
- You may want to use tweezers to remove the gold ribbons as a more delicate and safe approach, but this is not required

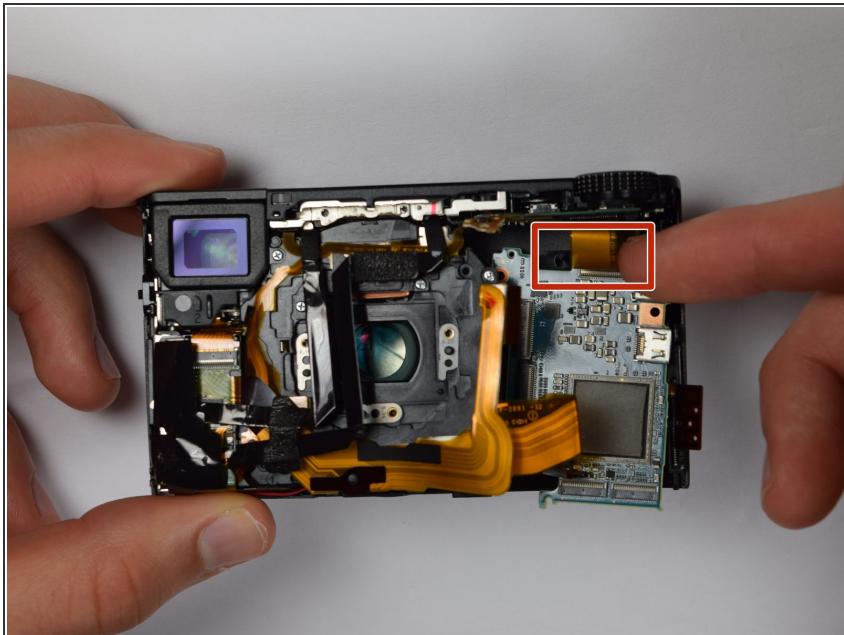
 **Do not pull away motherboard too hard as the ribbons are very fragile**

Step 15



- Remove the SD card holder. It should easily come out because all of the prerequisite screws were already removed.

Step 16 — SD Motherboard



- Carefully remove the last gold ribbon by lifting the gray tab and sliding out the ribbon.

 Be sure to use extreme caution because if this ribbon breaks, you will need to buy a new camera.

Step 17



- Viola! The motherboard is now removed and can be replaced with a new one.

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