



Canon PowerShot SD1200 IS Motherboard

Accessing the motherboard of the Canon PowerShot SD1200 IS.

Written By: Jeff Casper



INTRODUCTION

Use this guide to access the motherboard to reseat connections on the motherboard or to remove the motherboard for replacement.

TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [Tweezers](#) (1)
- [Spudger](#) (1)

Step 1 — Front and Rear Covers



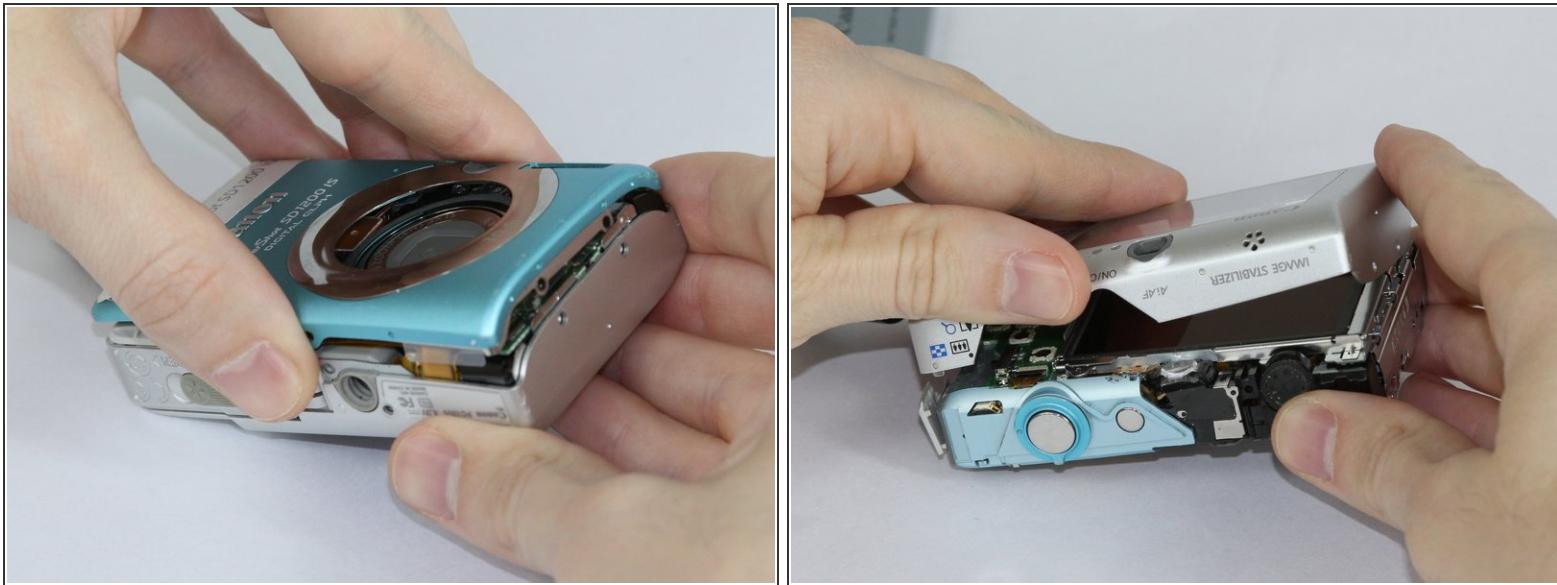
- Remove the battery.

Step 2



- Remove the two screws from the side of the camera casing with the strap. (4mm Phillips 00)
- Remove the two screws from the bottom of the camera. (4mm Phillips 00)
- Remove the two screws from the right side of the camera opposite the strap. (2mm Phillips 00)

Step 3



- Pull off the front cover.
- If the top of the cover sticks, use gentle downward pressure on the retention clips above the lens to release.
- Remove the back cover.

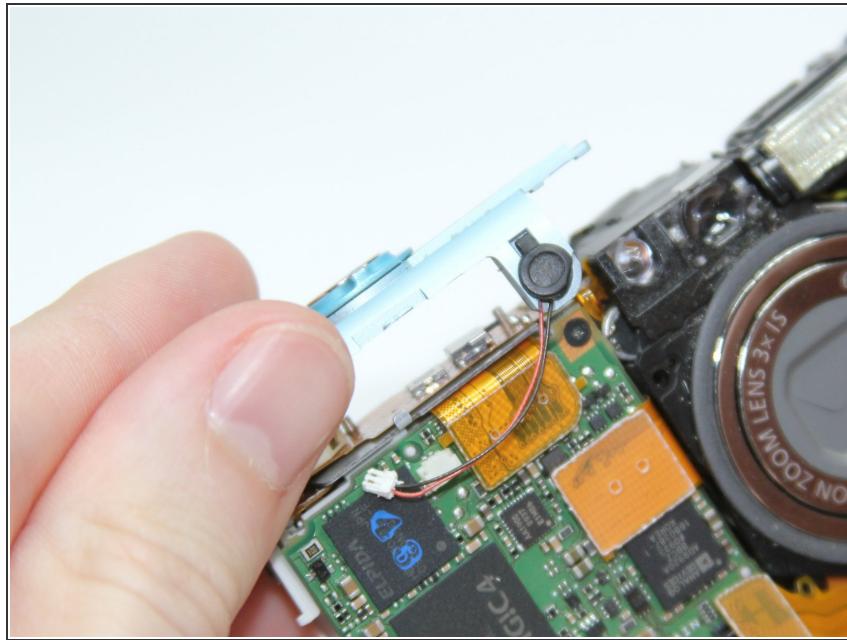
Step 4 — Motherboard



- Remove the microphone connector by gripping it with the tool and gently, with a wiggling motion, pull it out.

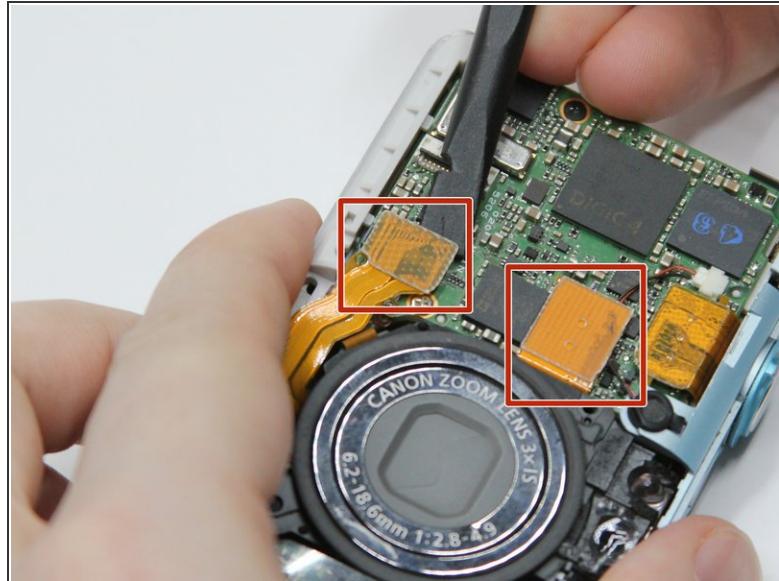
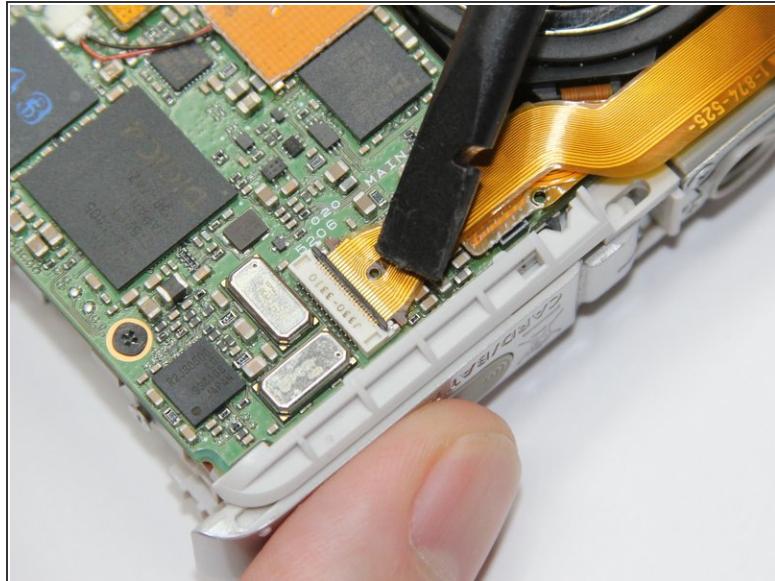
⚠ Pull the connector straight out by the white connector. Pulling on the wires will damage them.

Step 5



- Lift off the mechanical shutter button assembly.

Step 6

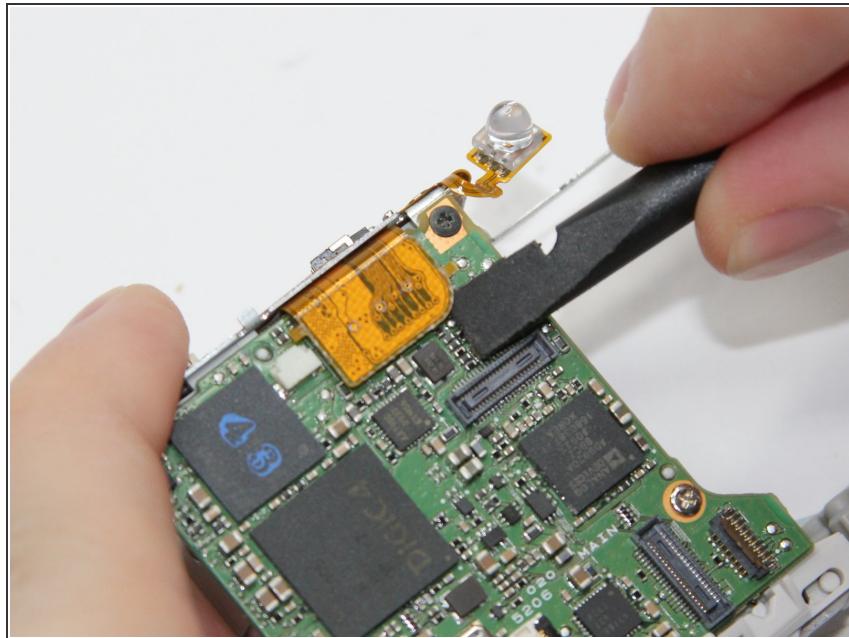


- Use the spudger to lift the tab on the **Zero Insertion Force (ZIF)** connector located at the bottom of the motherboard.

! Be sure you are prying up on the hinged retaining flap, not the connector itself.

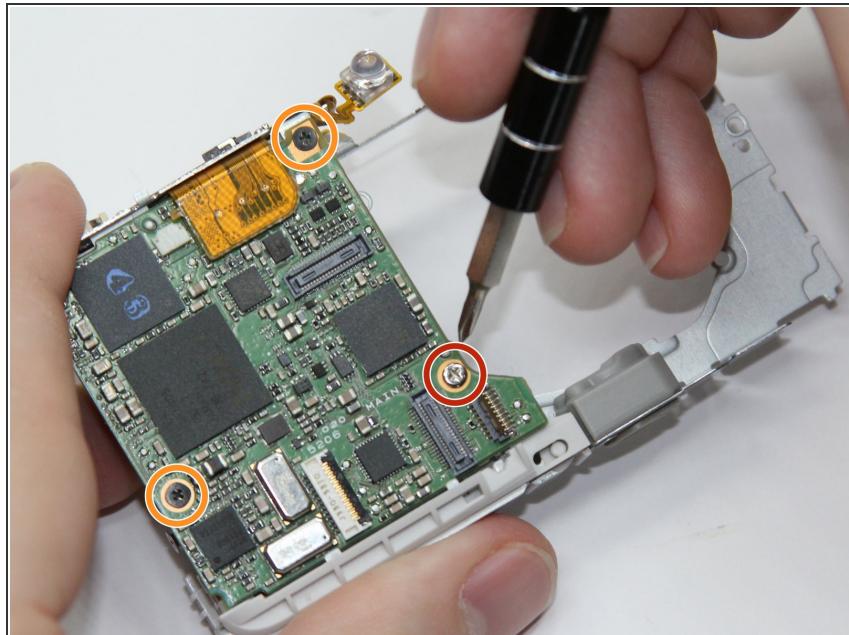
- Slide out the ribbon cable.
- Use the spudger to pry up each side of the **Flat-Topped Connectors**

Step 7



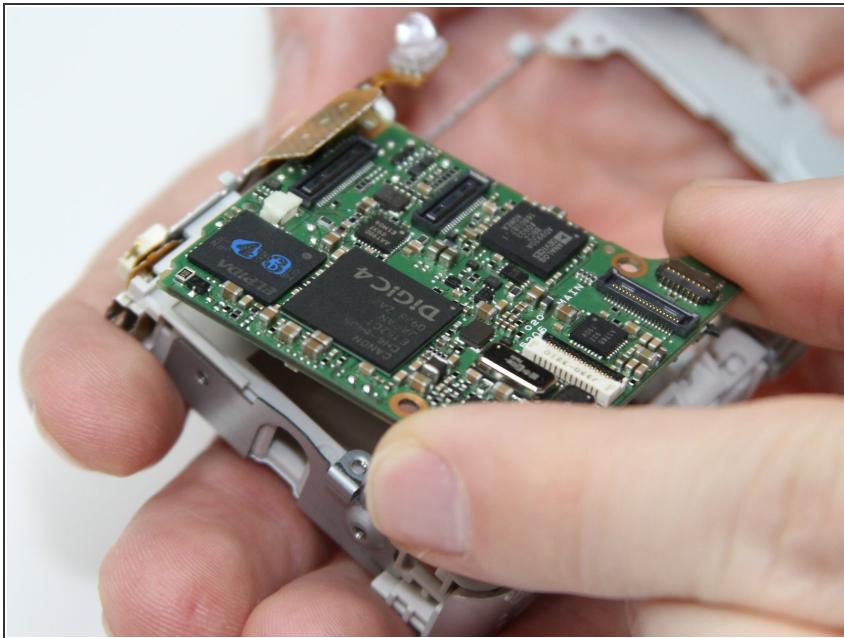
- Remove the press fit ribbon cable by prying upward with spudger tool.
- *(i)* It is not necessary to remove the Lens or Flash Assemblies to remove the motherboard.

Step 8



- Remove the bottom right screw from the motherboard. (4mm Phillips 00)
- Remove top and lower left black screws from the motherboard. (2.5mm Phillips 00)

Step 9



- Lift out the motherboard.

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