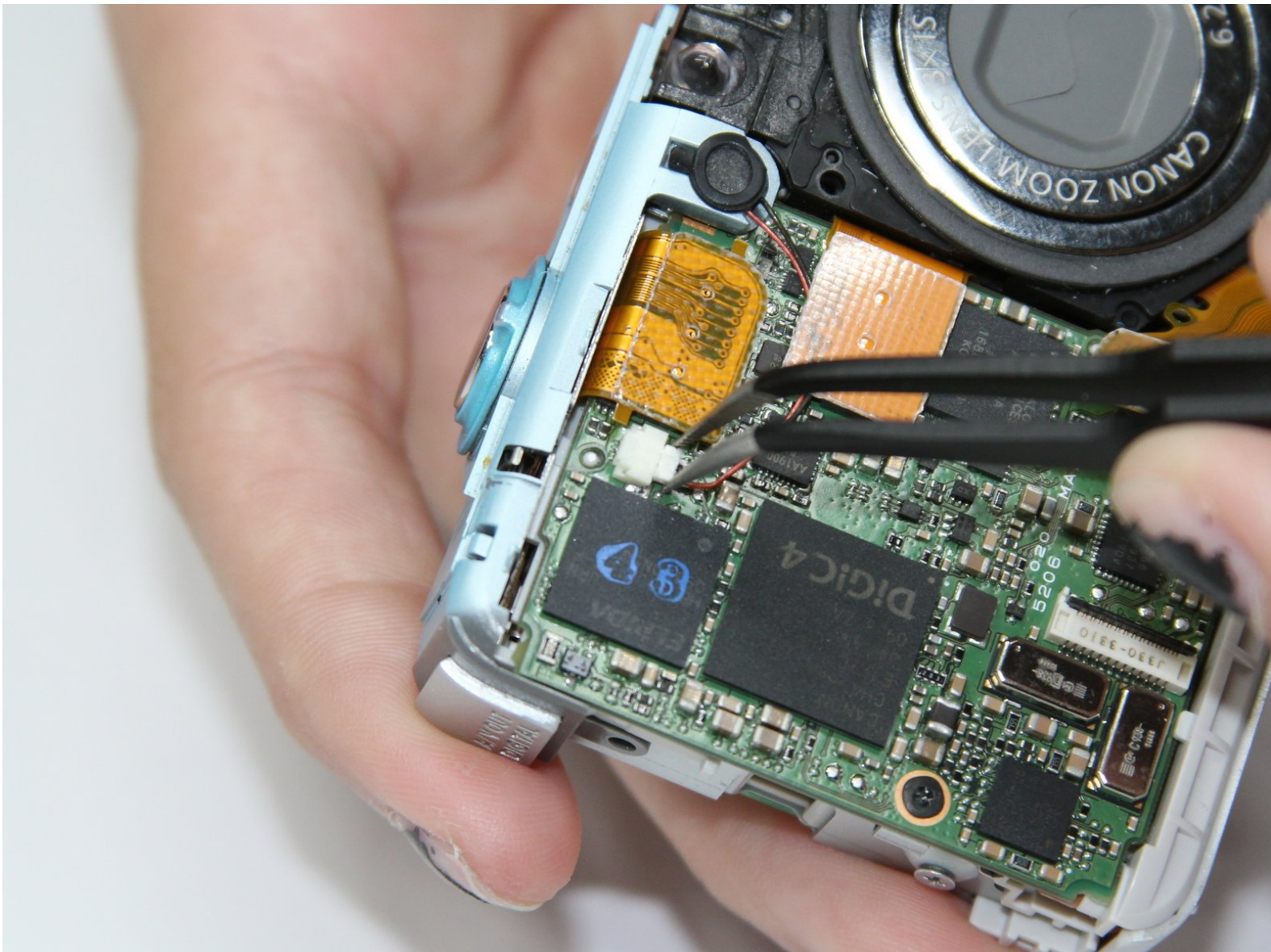# Canon PowerShot SD1200 IS Motherboard

Accessing the motherboard of the Canon PowerShot SD1200 IS.

Written By: Jeff Casper

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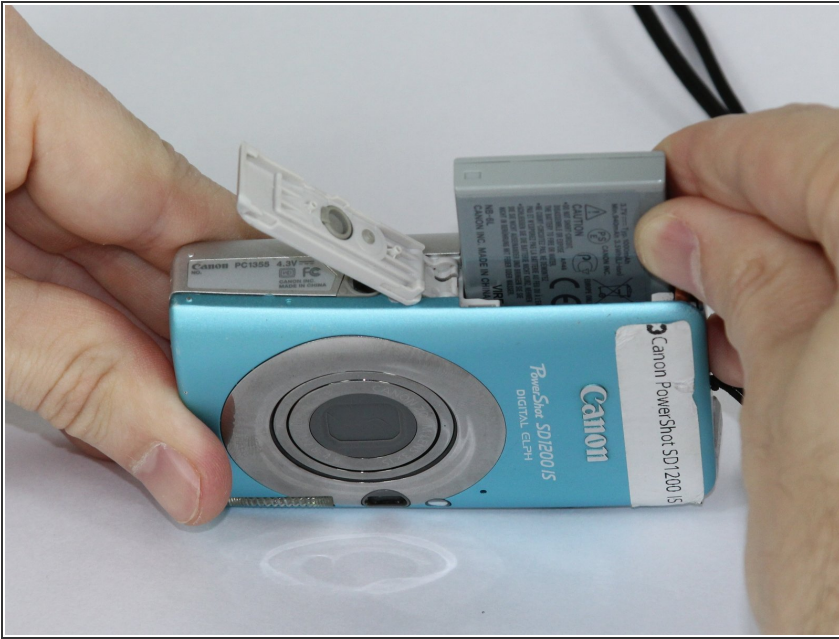
INTRODUCTION

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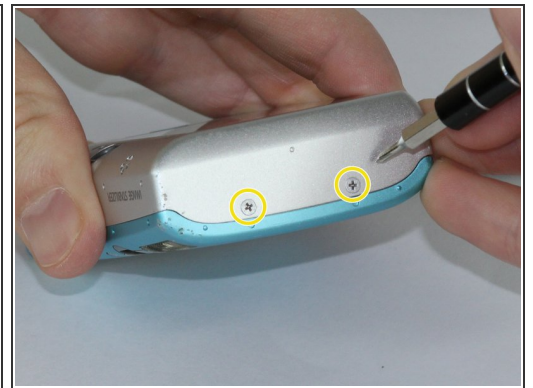
🔧 TOOLS:

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

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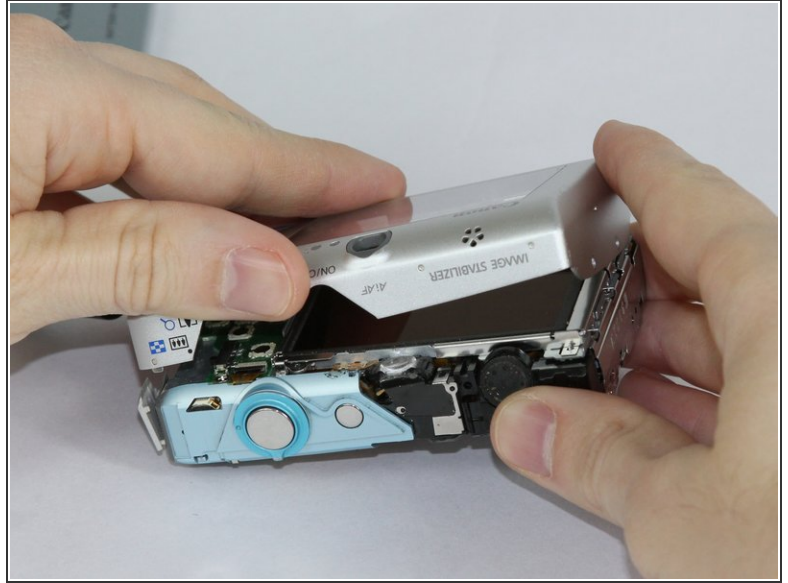## Step 1 — Front and Rear Covers

- 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)
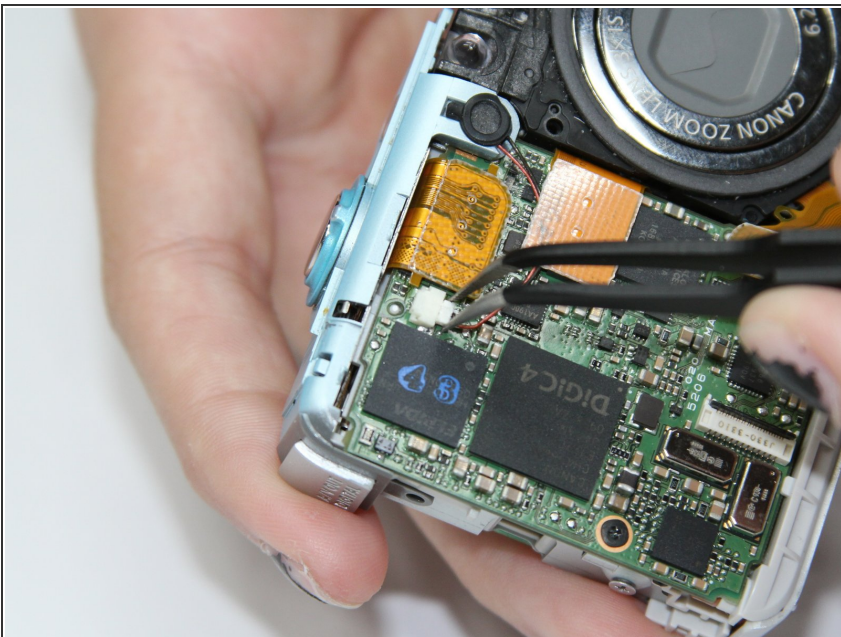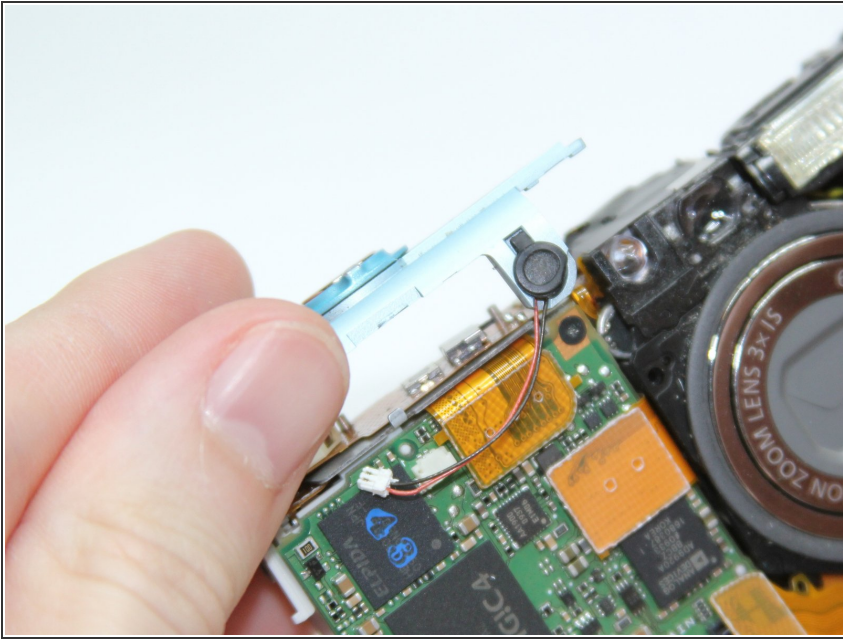
Step 3

- Pull off the front cover.

- (i) If the top of the cover sticks, use gentle downward pressure on the retention clips above the lens to release.

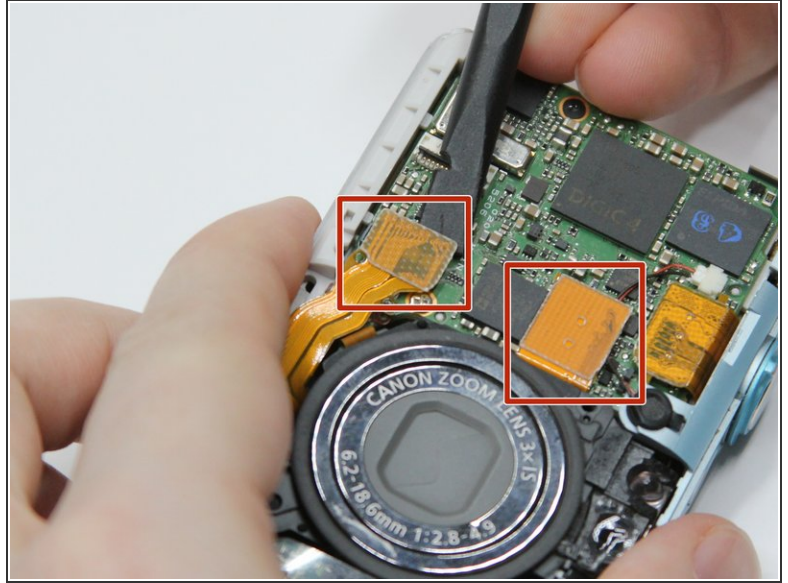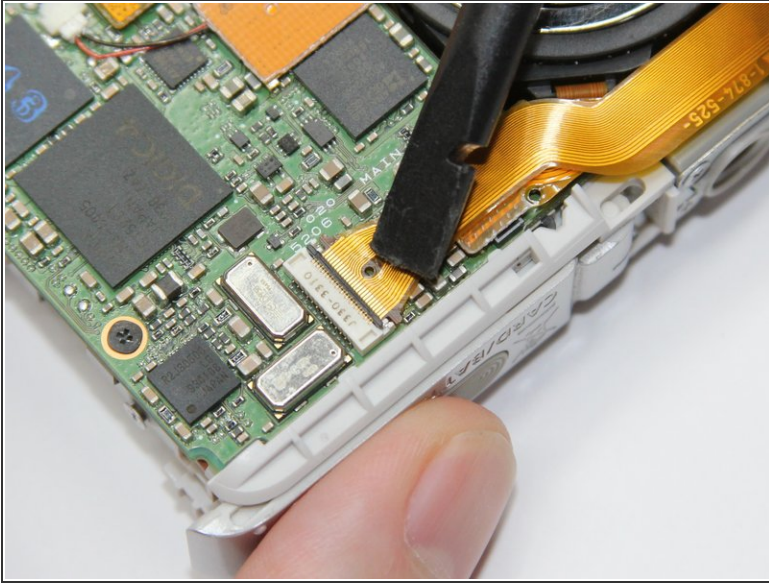- Remove the back cover.

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

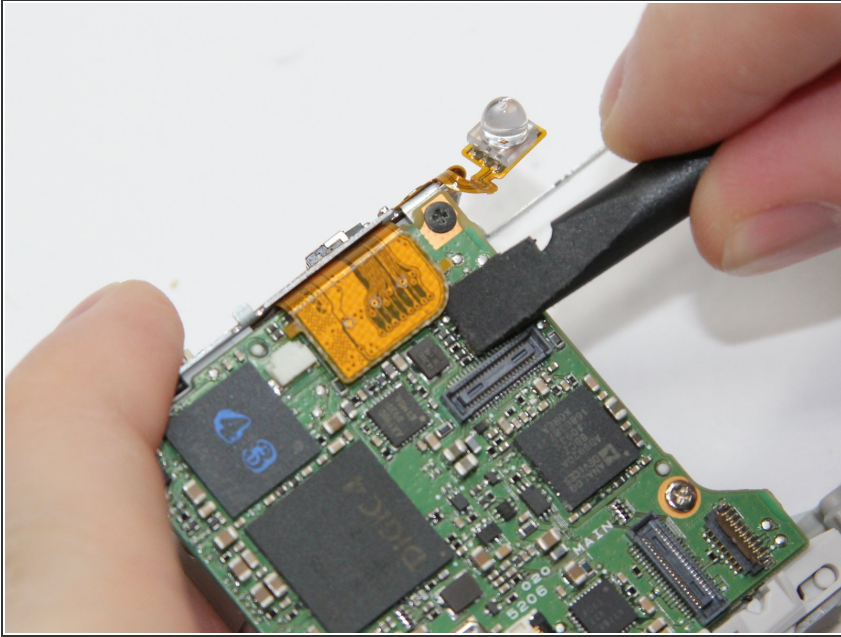- Lift off the mechanical shutter button assembly.

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.

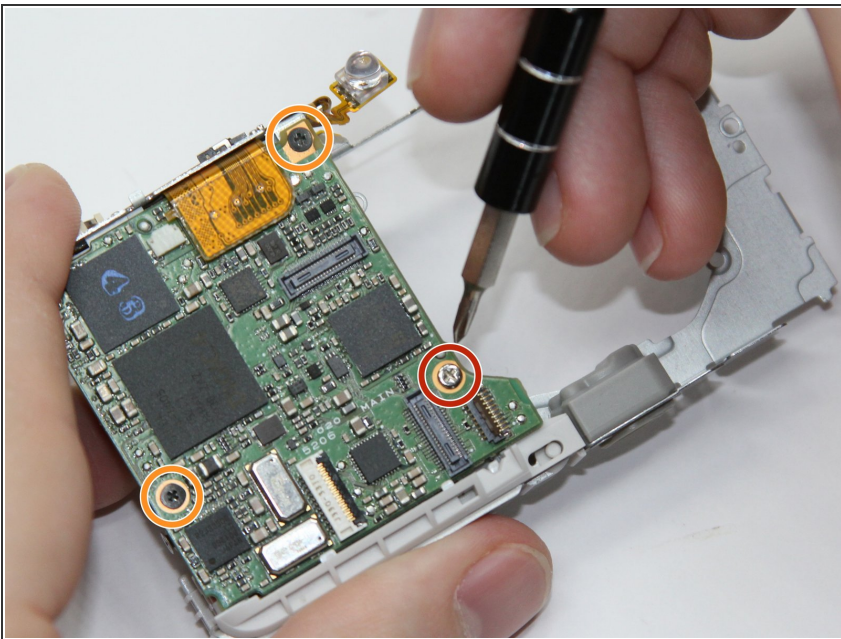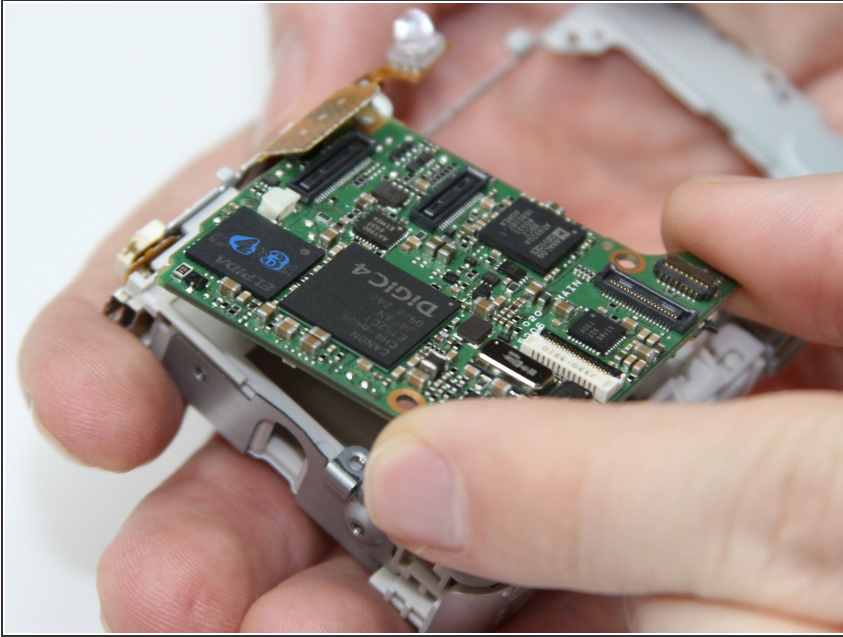- Use the spudger to pry up each side of the **Flat-Topped Connectors**

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.