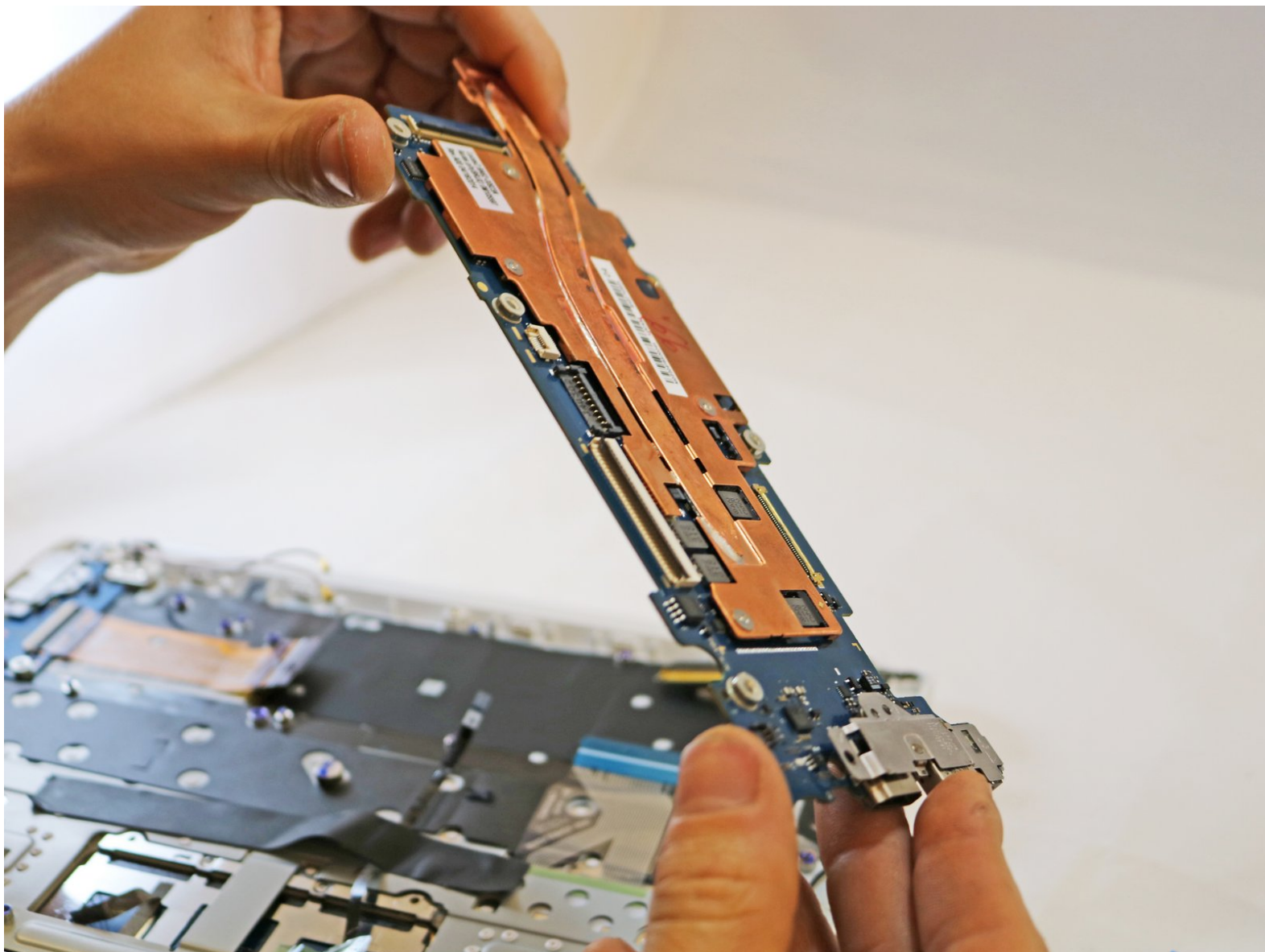# Samsung Chromebook 2 XE503c12 Motherboard Replacement

How to remove the motherboard of the Samsung Chromebook 2 XE503c12.

Written By: Britney Betterman

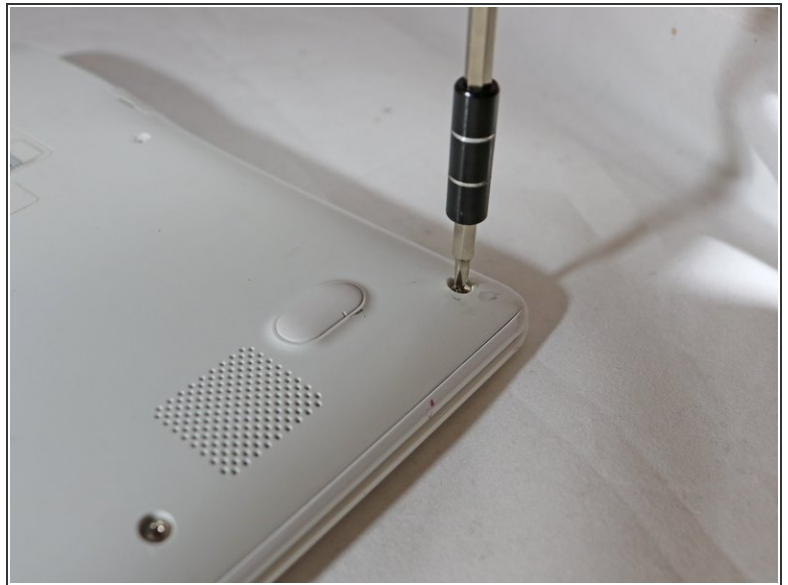This document was generated on 2020-11-28 07:07:17 AM (MST).

INTRODUCTION

Following this guide will help you remove and replace the motherboard on a Samsung Chromebook 2 XE503c12.

🔧 TOOLS:

- Magnetic Project Mat (1)
- Phillips #0 Screwdriver (1)
- iFixit Opening Tools (1)

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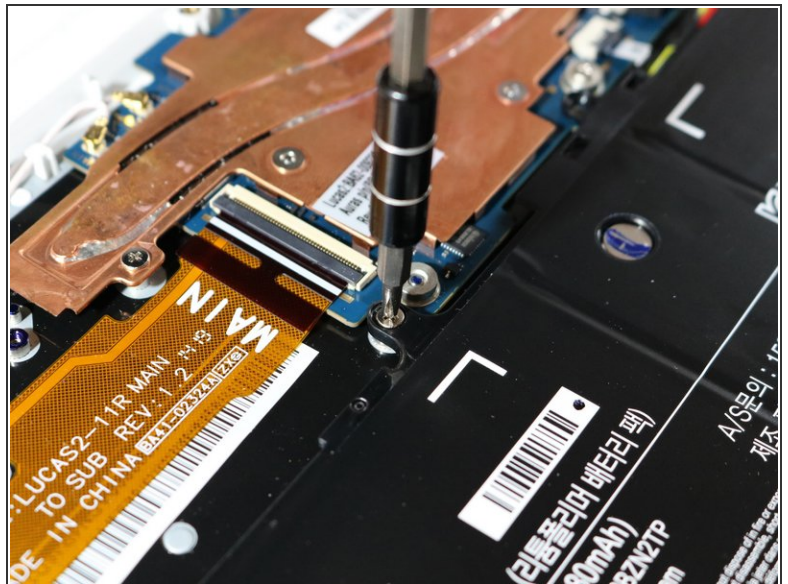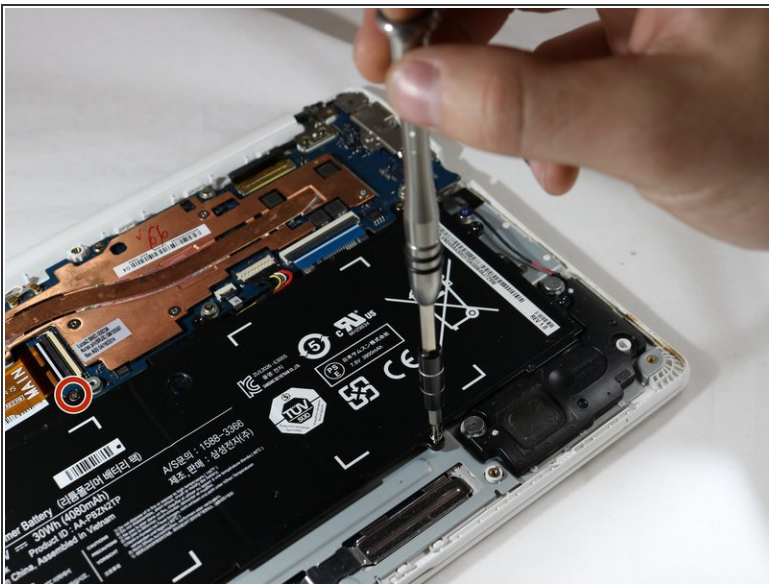   www.iFixit.com

Step 1 — Battery

- Flip device over so that the underside is facing up.

- Remove nine, 7mm PH#0 screws from the bottom.
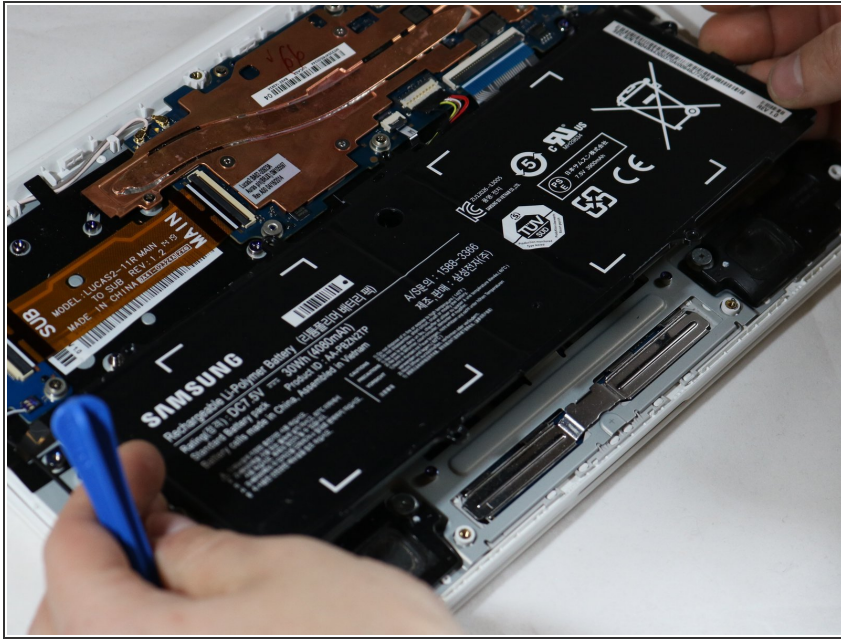
Step 2

- Using the plastic opening tool, pry open the bottom of the Chromebook case, working all around the computer.

- Lift the panel out of the way to reveal the battery.

Step 3

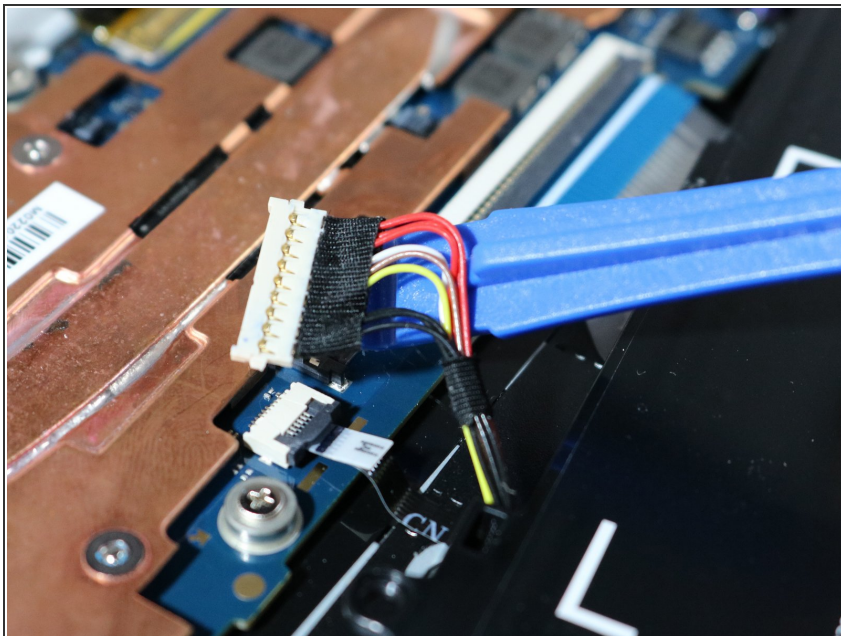- Remove four, 5mm Phillips #0 screws connecting the battery to the laptop

Step 4

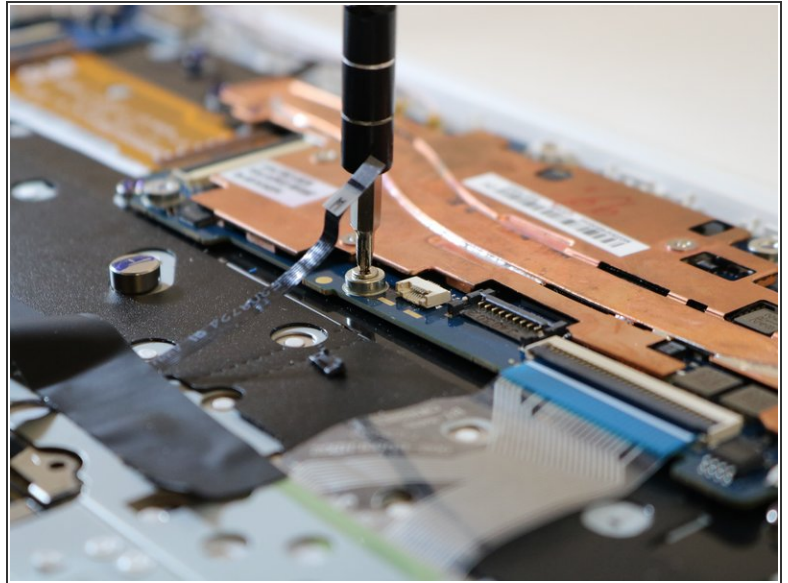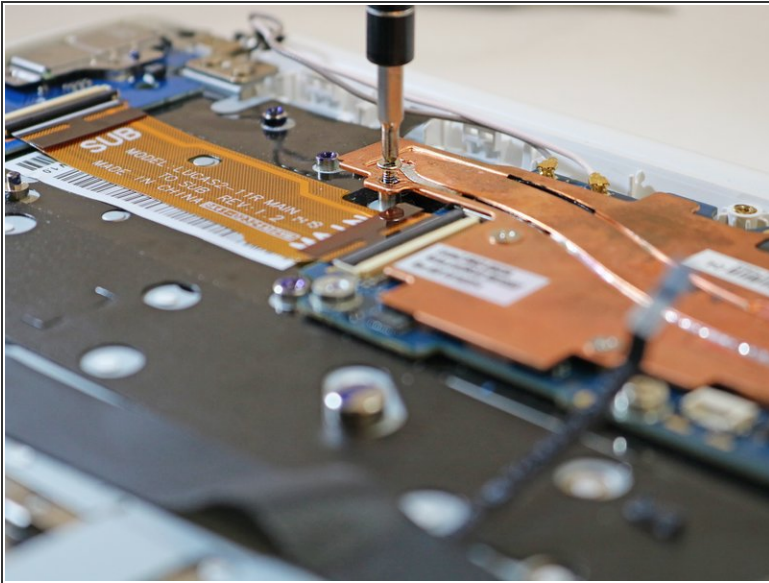- Lift the battery, and pull it up and towards you, away from the connector.

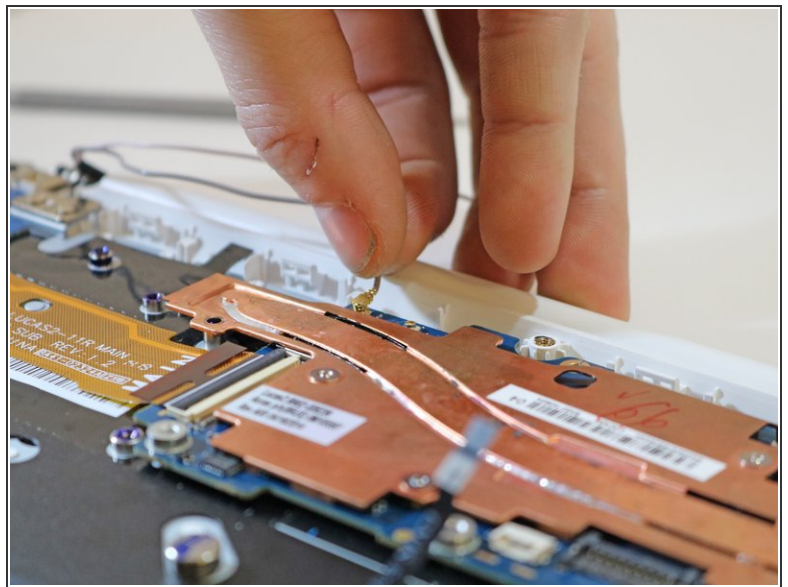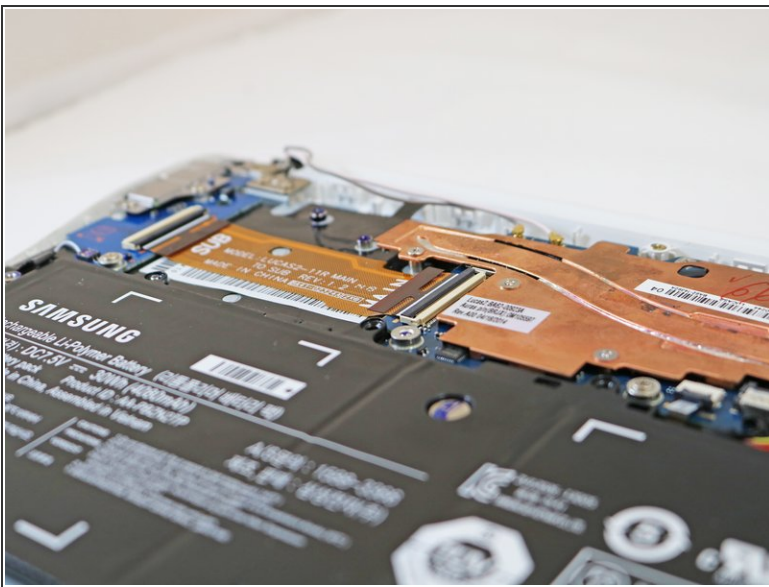- ⚠ Be sure to lift gently to avoid damage to connector

Step 5

- Using a plastic opening tool, pry the connector up from the contact.

- Remove the battery from the device.
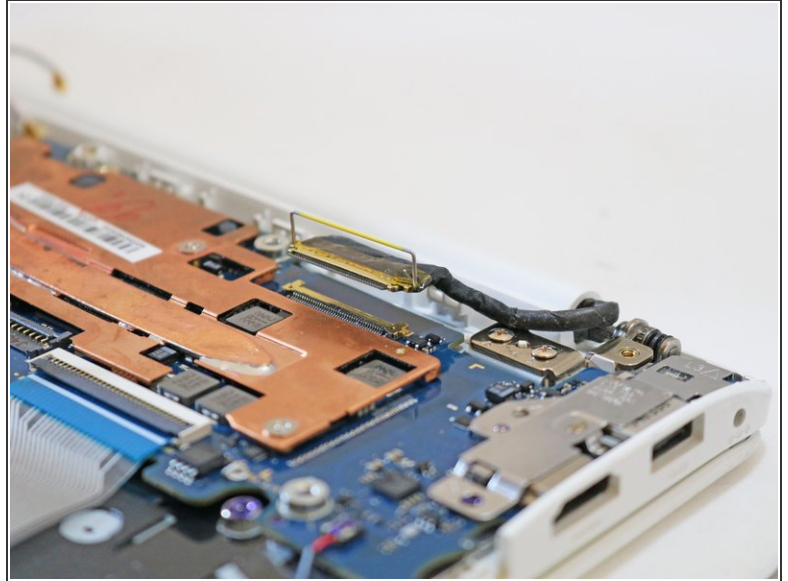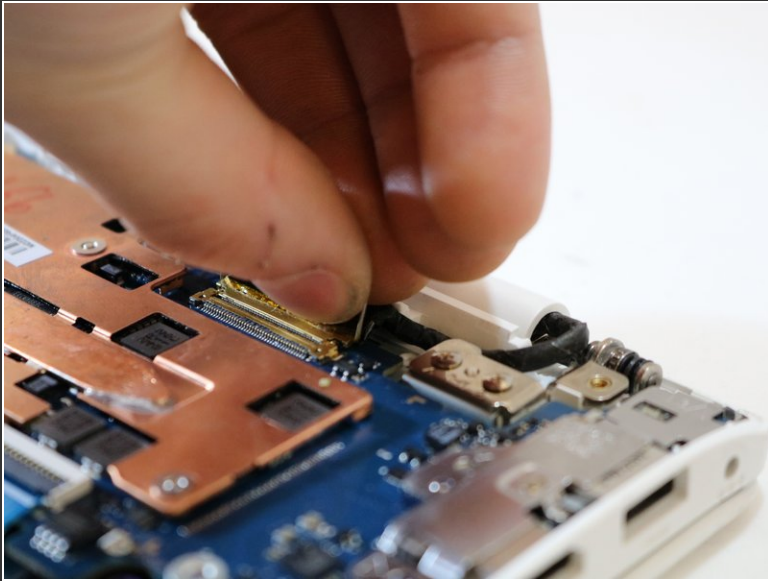
Step 6 — Motherboard

- Locate the motherboard at top right of chromebook.

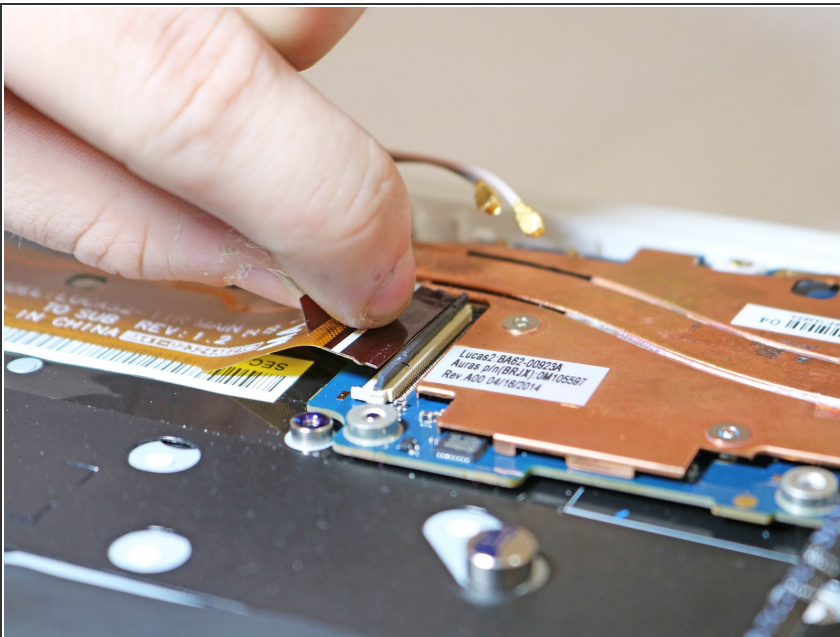- Remove four 9mm Phillips #0 screws and two 7mm Phillips #0 screws.

Step 7
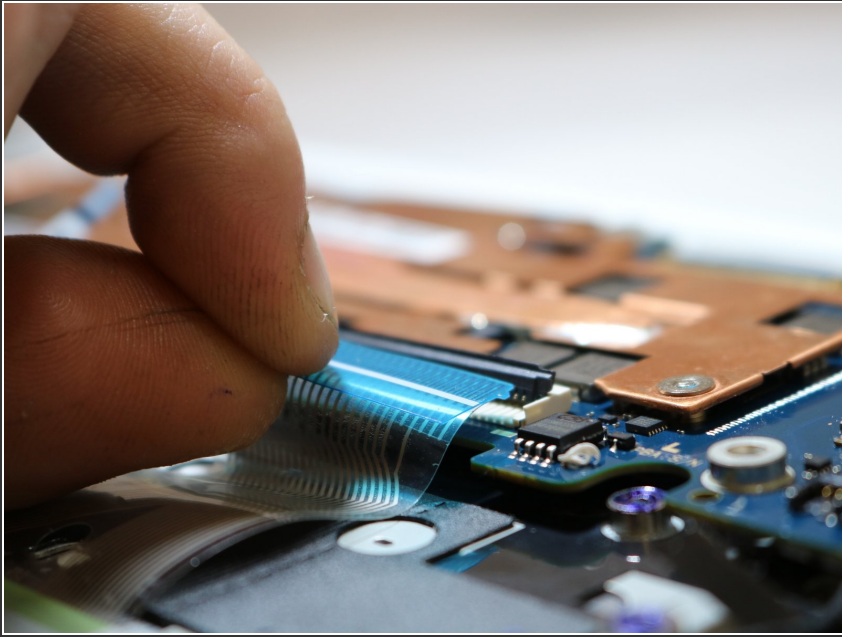

- Remove auxiliary wires for microphone and webcam.

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Step 8

- Lift hinge on connector up and pull the connector away from the device.
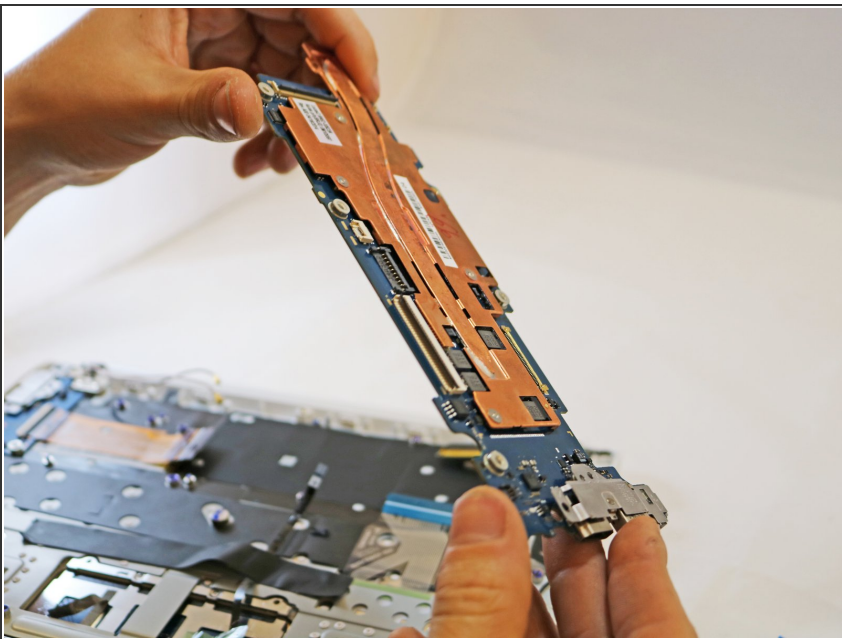
Step 9

- Remove the connector for the motherboard and sub-board.

Step 10

- Remove the connector for motherboard and chromebook.

Step 11

- Remove the motherboard from the device.

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

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