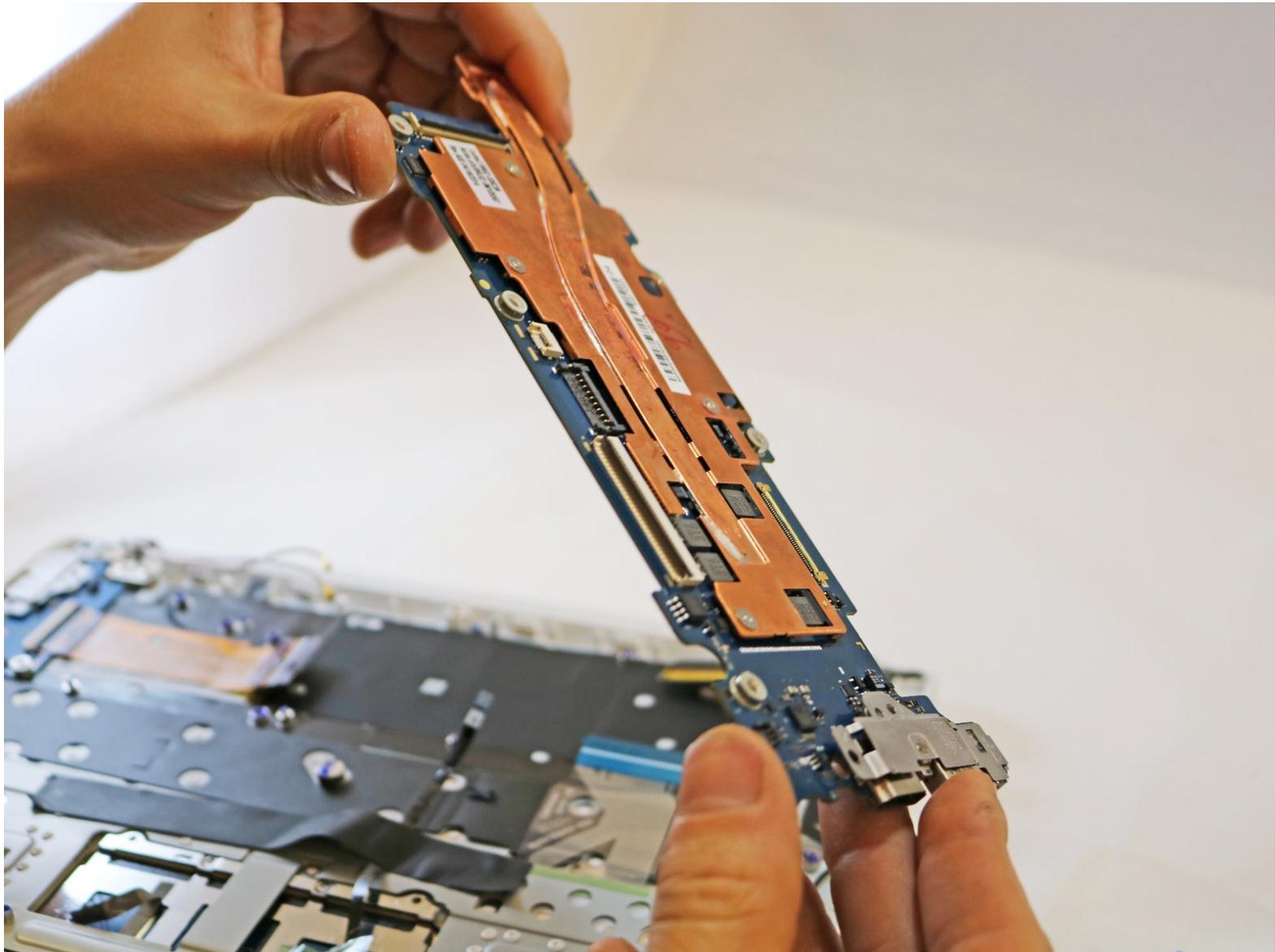




Samsung Chromebook 2 XE503c12 Motherboard Replacement

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

Written By: Britney Betterman



INTRODUCTION

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

TOOLS:

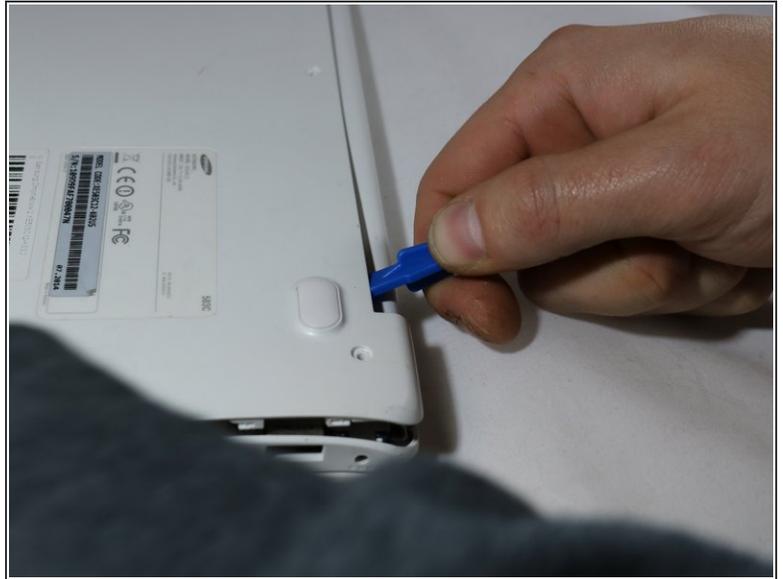
- [Magnetic Project Mat](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
-

Step 1 — Battery



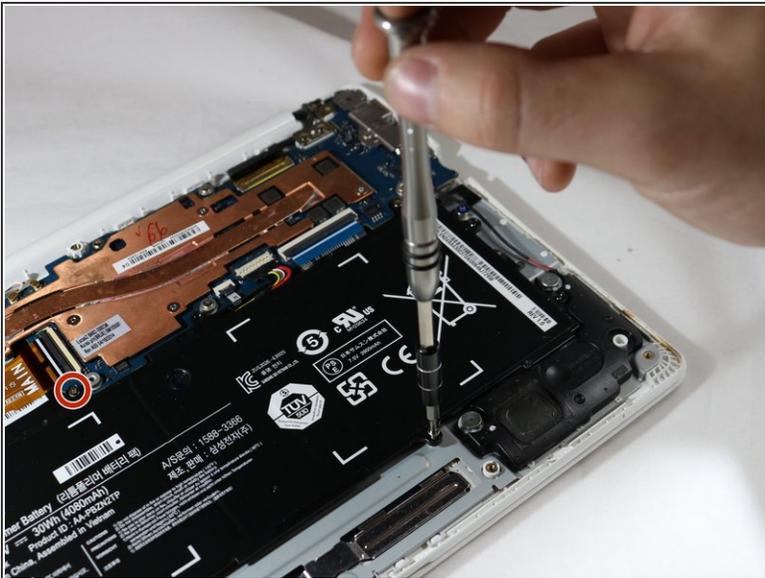
- Flip device over so that the underside is facing up.
- Remove nine, 7mm PH#0 screws from the bottom.

Step 2



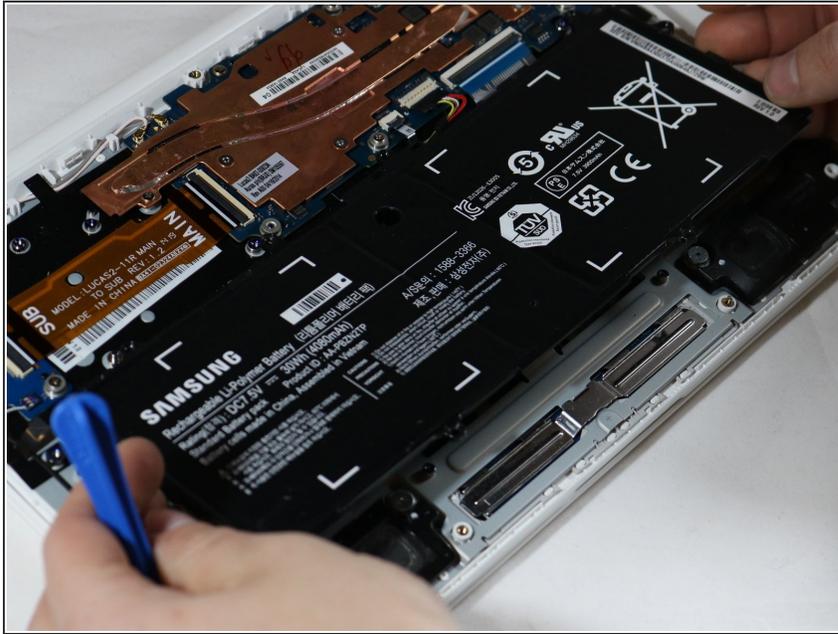
- Using the plastic opening tool, pry open the bottom of the Chromebook case, working all around the computer.
- Lift the panel out of the way to reveal the battery.

Step 3



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

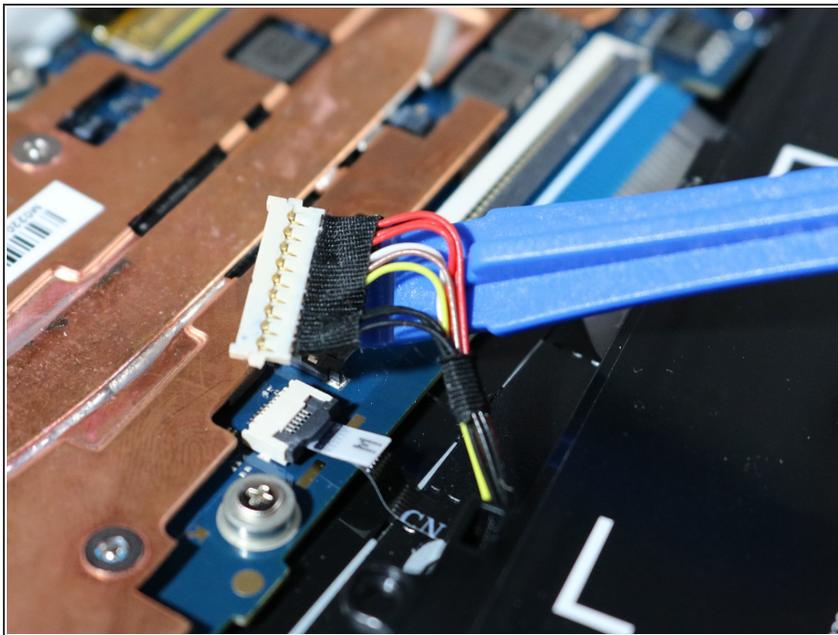
Step 4



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

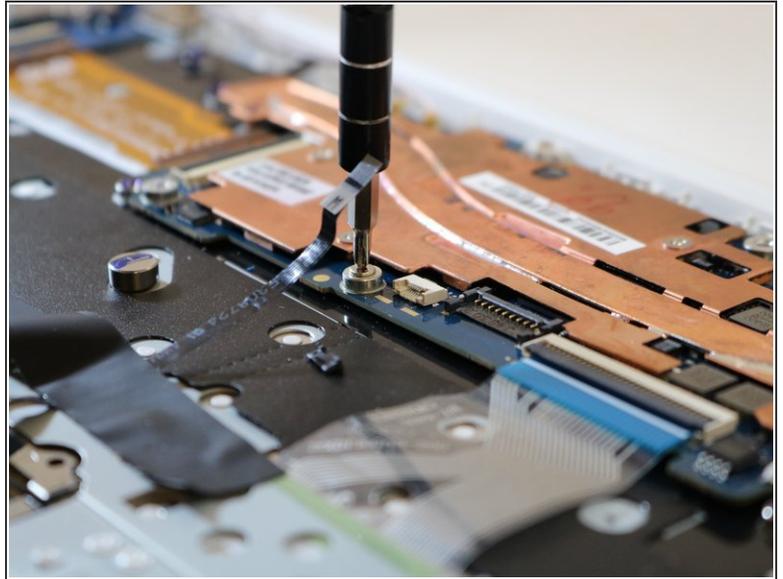
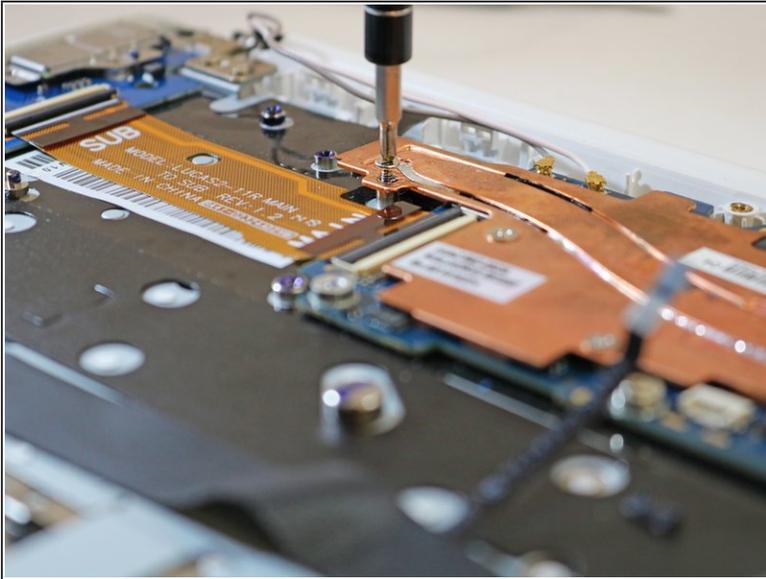
 Be sure to lift gently to avoid damage to connector

Step 5



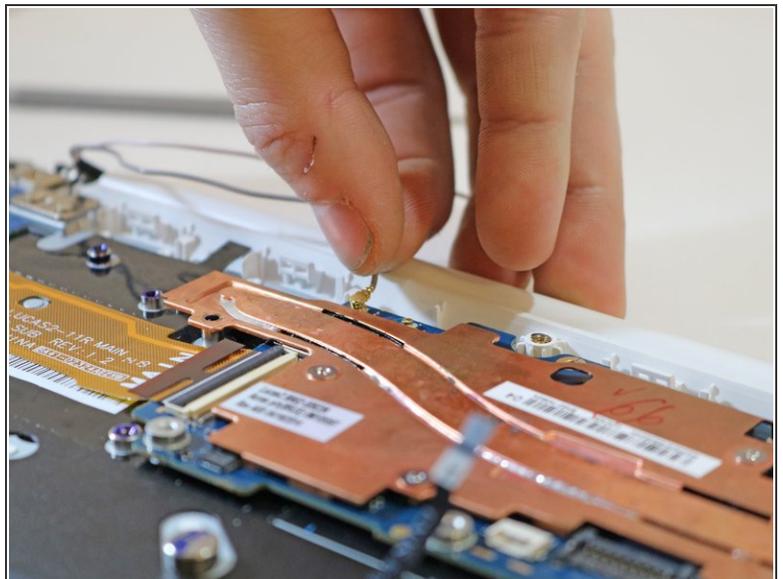
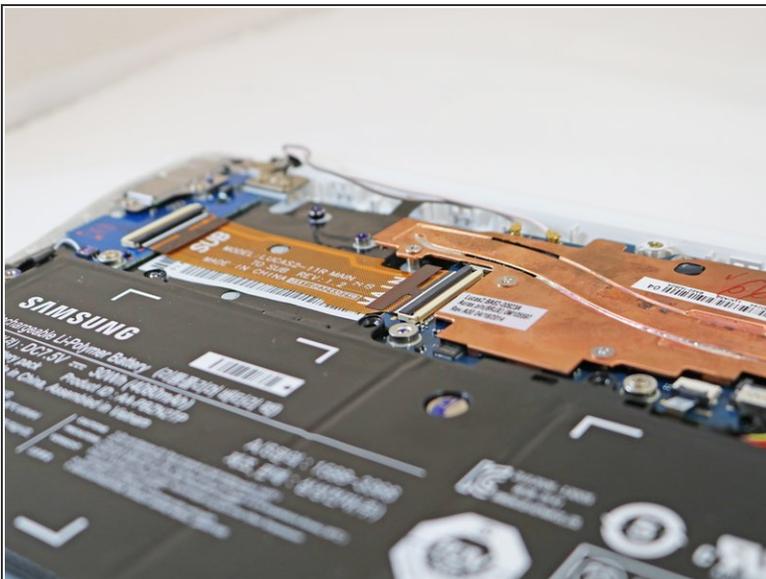
- Using a plastic opening tool, pry the connector up from the contact.
- Remove the battery from the device.

Step 6 — Motherboard



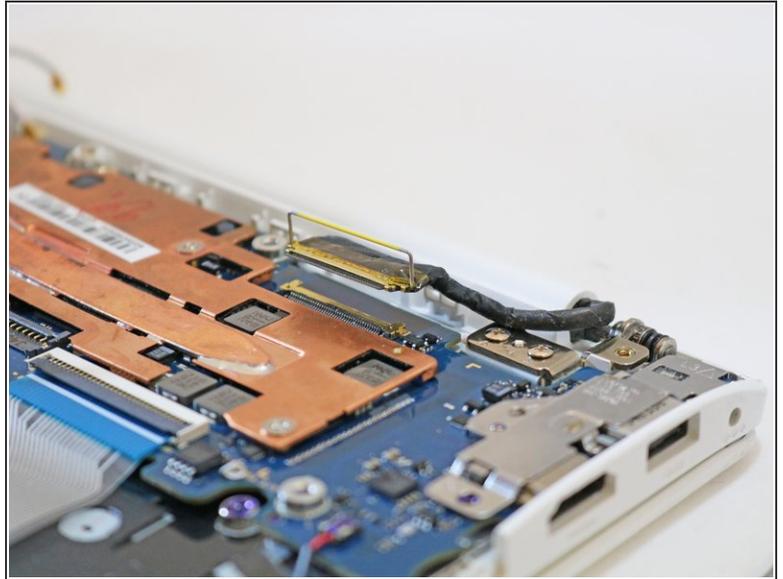
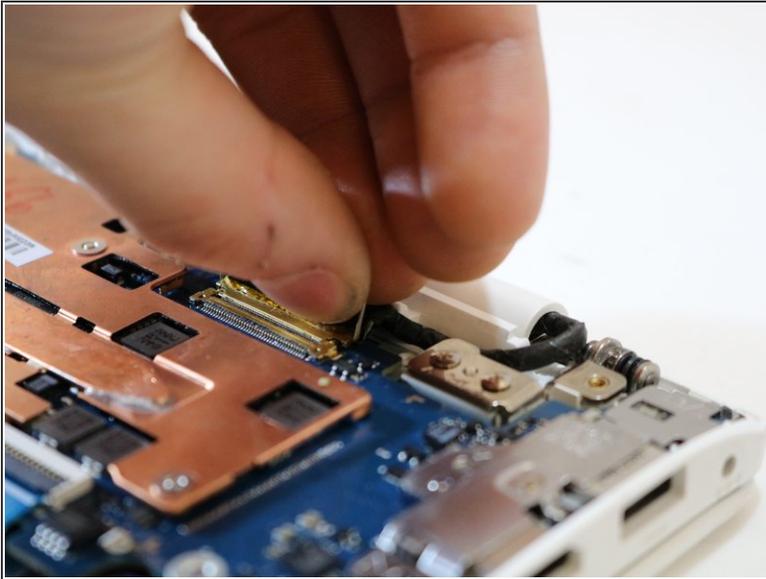
- Locate the motherboard at top right of chromebook.
- Remove four 9mm Phillips #0 screws and two 7mm Phillips #0 screws.

Step 7



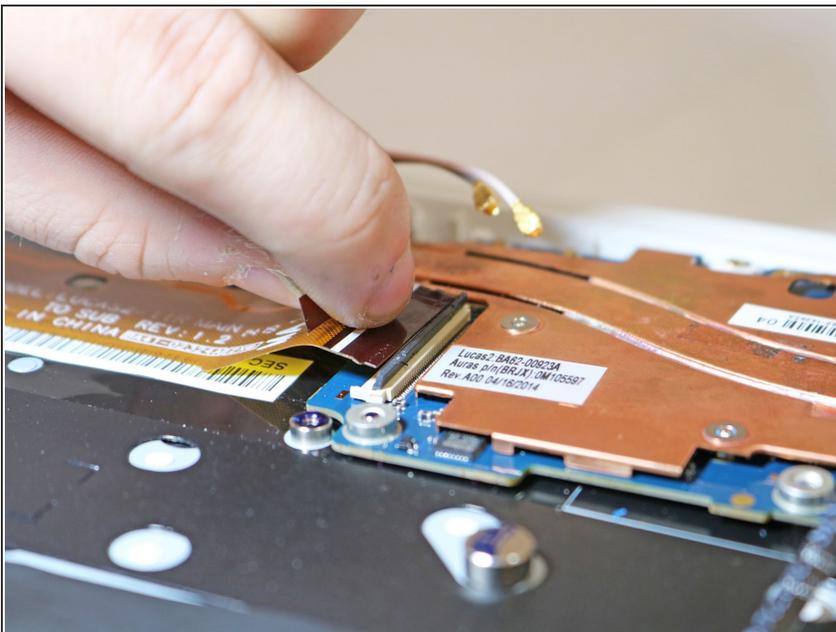
- Remove auxiliary wires for microphone and webcam.

Step 8



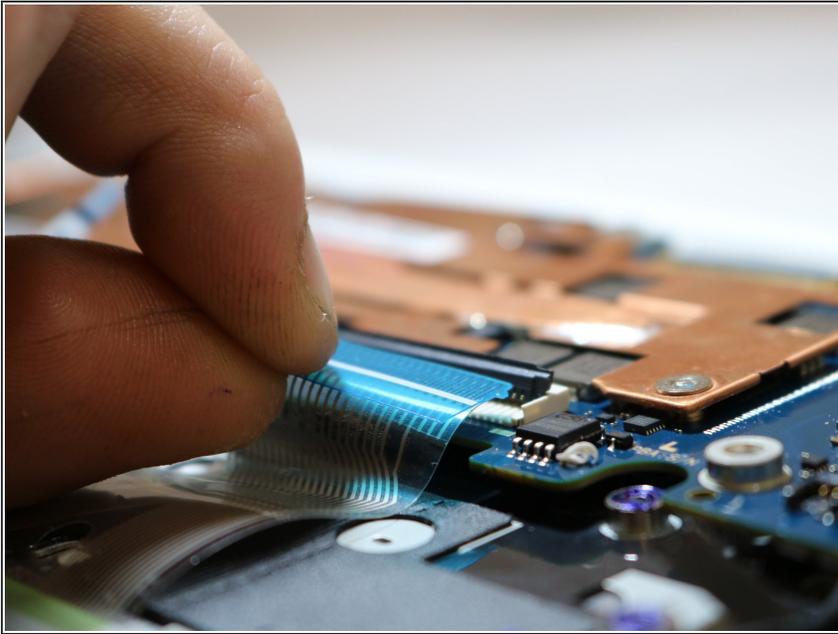
- Lift hinge on connector up and pull the connector away from the device.

Step 9



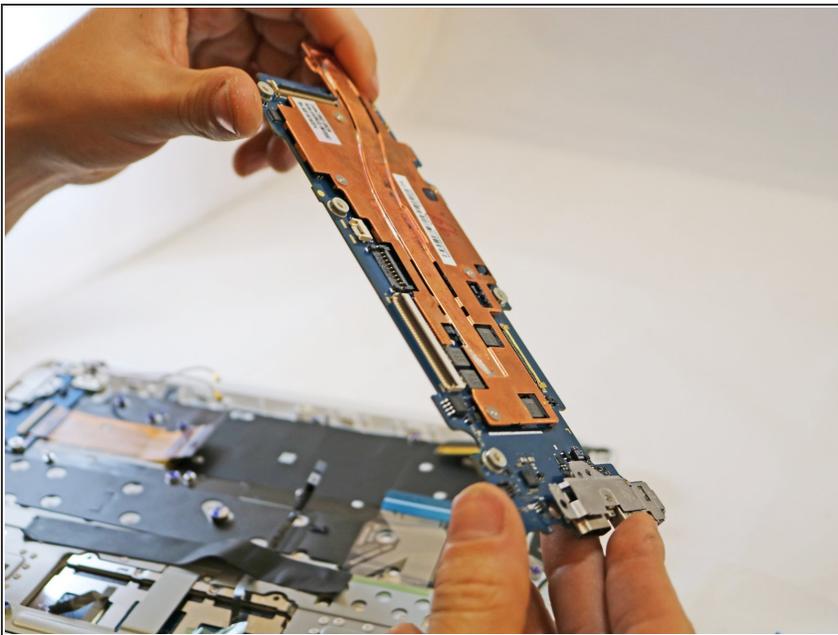
- Remove the connector for the motherboard and sub-board.

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.