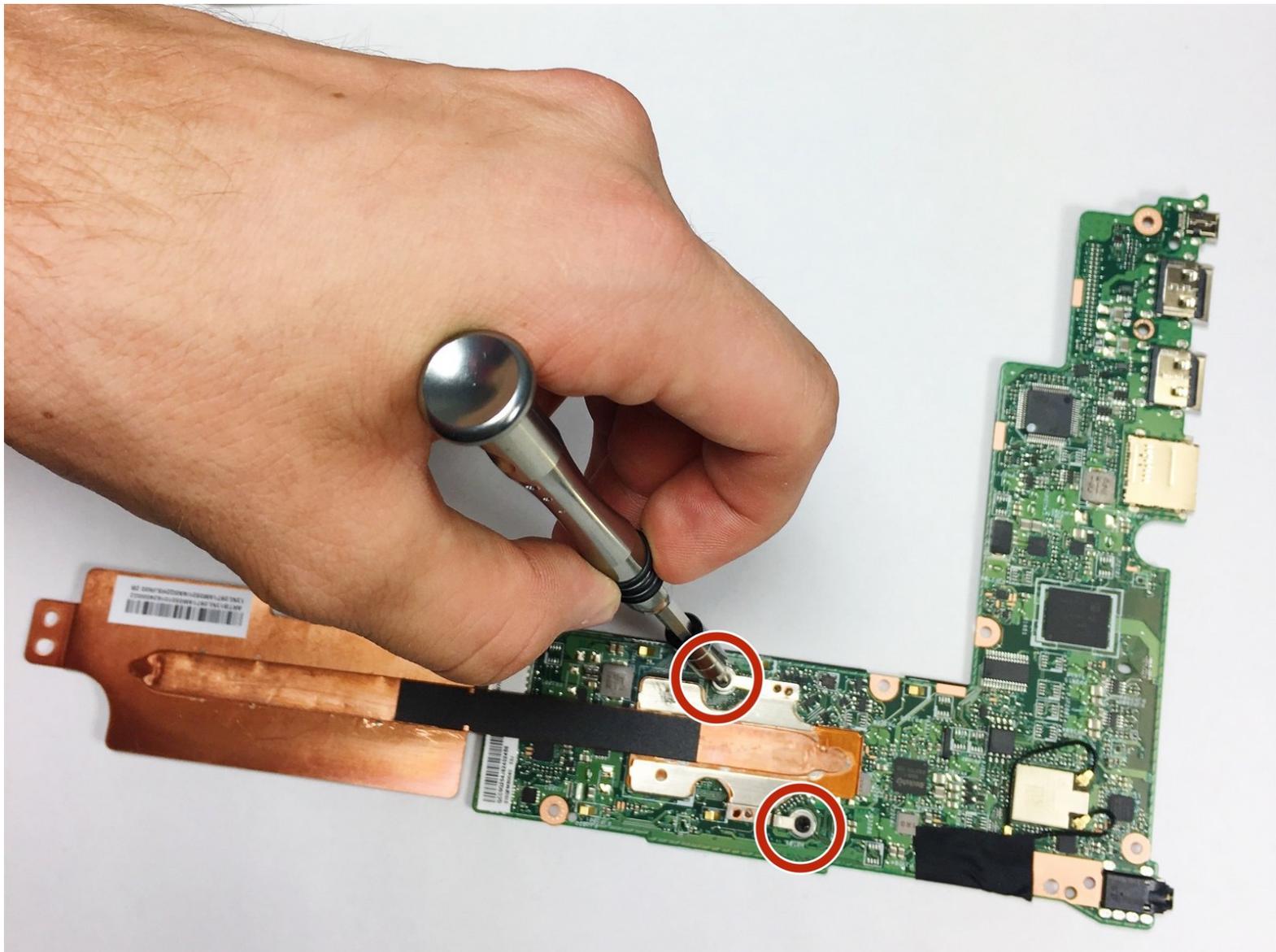




Asus Chromebook Flip C100P Heatsink Replacement

This guide will help you remove the heatsink in your Asus Chromebook Flip C100P.

Written By: Justin Ogihara



INTRODUCTION

This guide contains numerous steps and will require an extensive amount of time. You'll need access to a T5 Torx screwdriver to complete this process. Make sure your device is unplugged and turned off to proceed with the guide.

TOOLS:

- [Anti-Static Project Tray](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
 - [T5 Torx Screwdriver](#) (1)
 - [Spudger](#) (1)
 - [Metal Spudger](#) (1)
 - [Tweezers](#) (1)
-

Step 1 — Motherboard



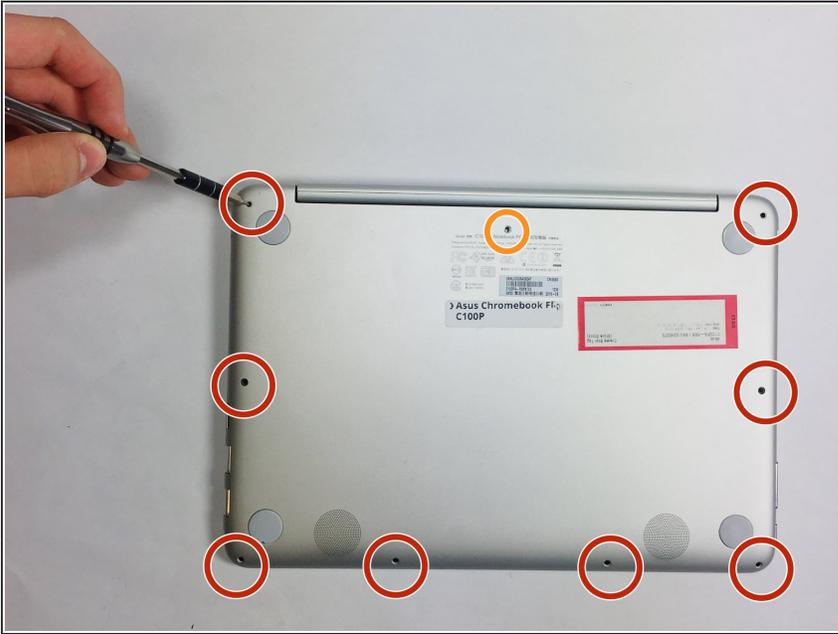
- Remove three of the rubber feet on the bottom cover with a plastic or metal spudger.

Step 2



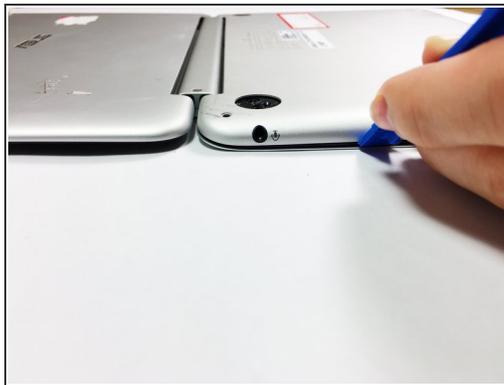
- Remove the five screws from beneath the rubber feet using a Phillips #0 screwdriver.
- ⓘ The first 1.9mm screw is located under the front right foot, the second 1.9mm screw and third 2.3mm screw are located under the rear right foot, and the fourth and fifth 2.3mm screws are located under the rear left foot.

Step 3



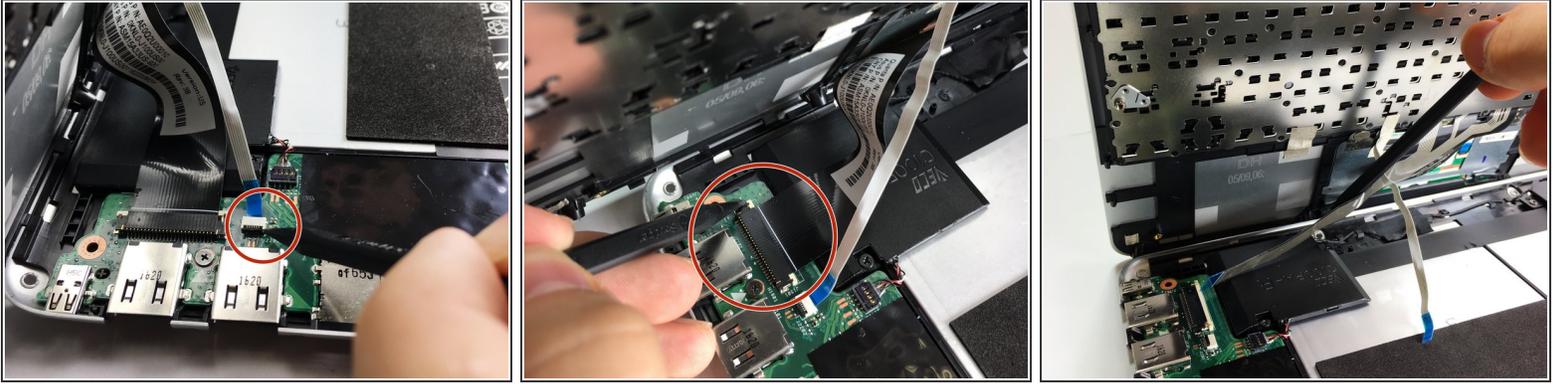
- Remove the nine bottom cover screws using a T5 screwdriver. Set apart the 6mm screw in the rear middle of the bottom cover from the other eight 3mm screws, as it is longer than them.
- Set apart the 6mm screw in the rear middle of the bottom cover from the other eight 3mm screws, as it is longer than them

Step 4



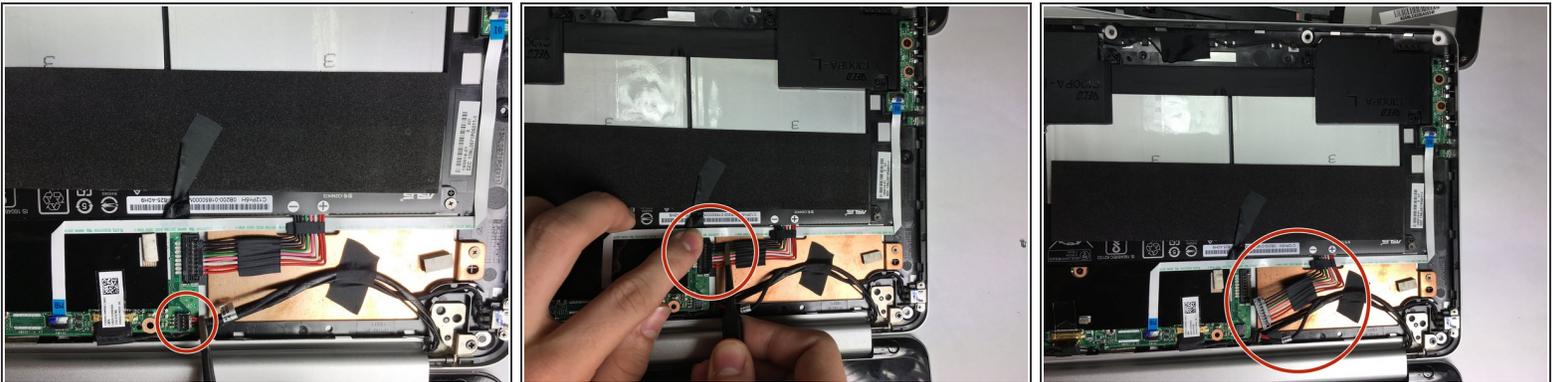
- Pry the palm rest assembly apart from the bottom cover using a spudger. This step may require extra power. Once the palm rest has been separated from the bottom cover, pull it away from the screen, rather than away from yourself.

Step 5



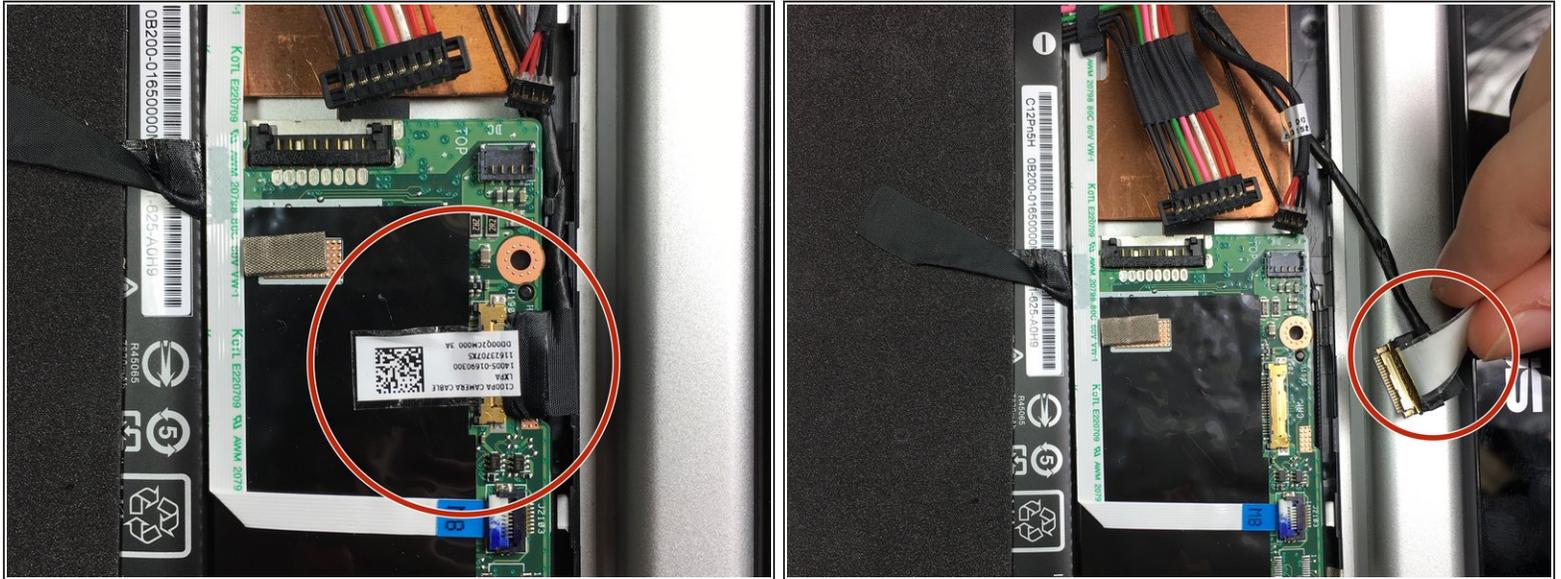
- Disconnect the touchpad cable and the keyboard cable on the palm rest assembly from the motherboard using the pointed end of a plastic spudger.

Step 6



- Disconnect the DC jack cable and the battery cable from the motherboard using tweezers, the pointed end of a plastic spudger, or by simply pulling the cables apart from the motherboard with your fingers.

Step 7



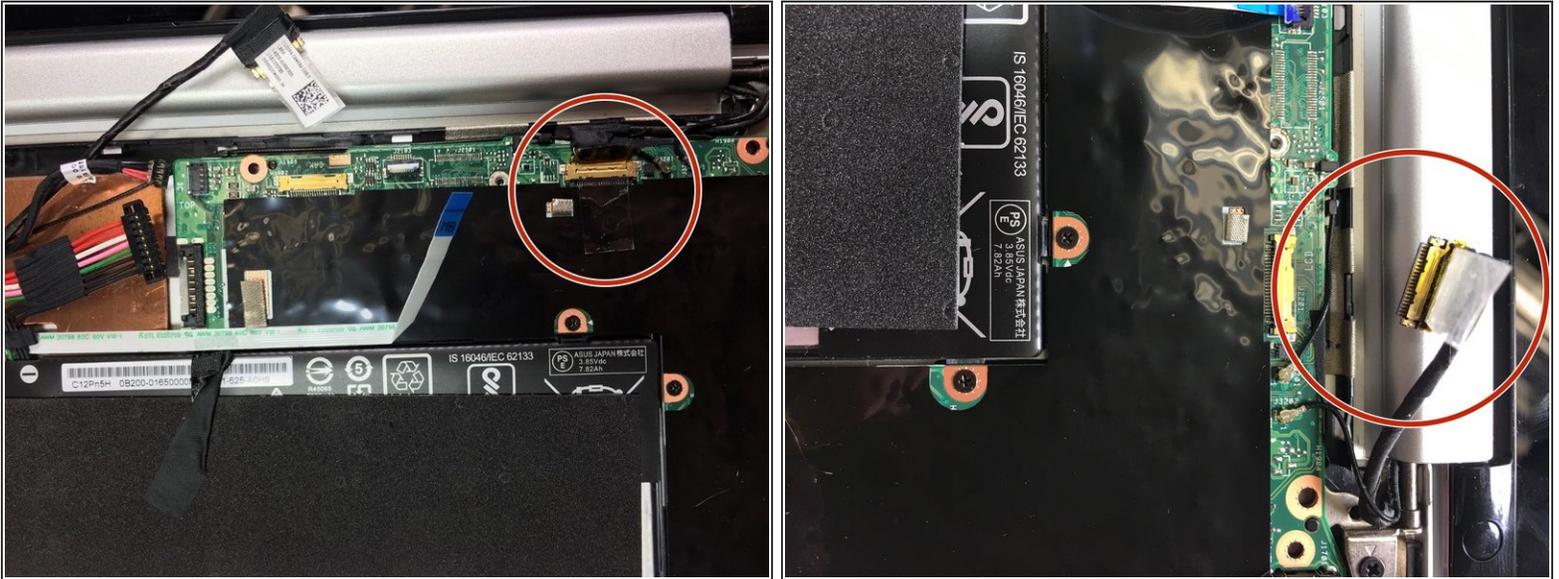
- Disconnect the LCD cable from the motherboard using the pointed end of a plastic spudger.

Step 8



- Disconnect the motherboard to powerboard cable from the motherboard using the pointed end of a plastic spudger.

Step 9



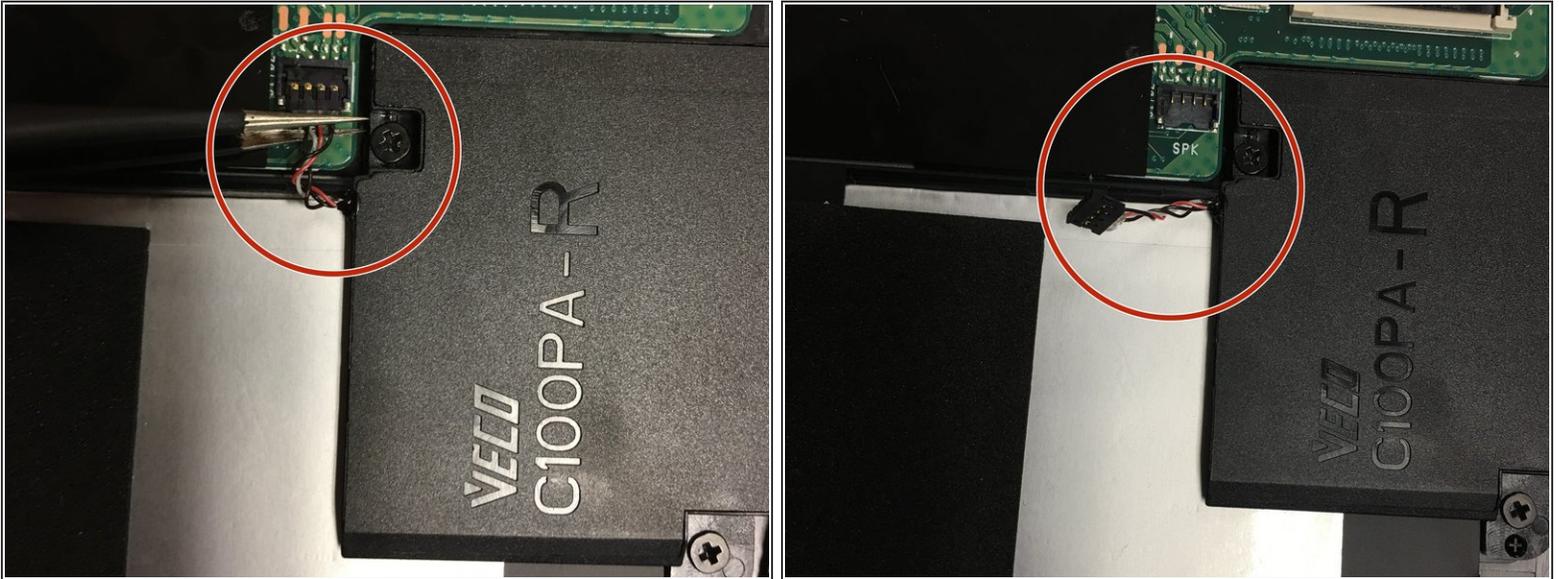
- Disconnect the digitizer board cable from the motherboard using the pointed end of a plastic spudger.

Step 10



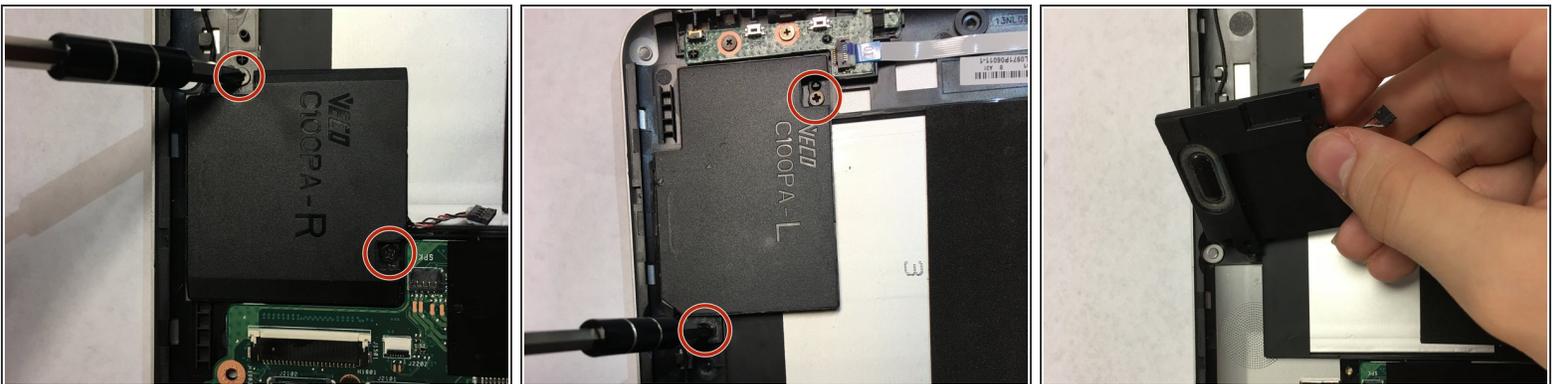
- Disconnect the two WiFi antenna cables from the motherboard using the pointed end of a plastic spudger or simply by pulling the cables apart from the motherboard with your fingers.

Step 11



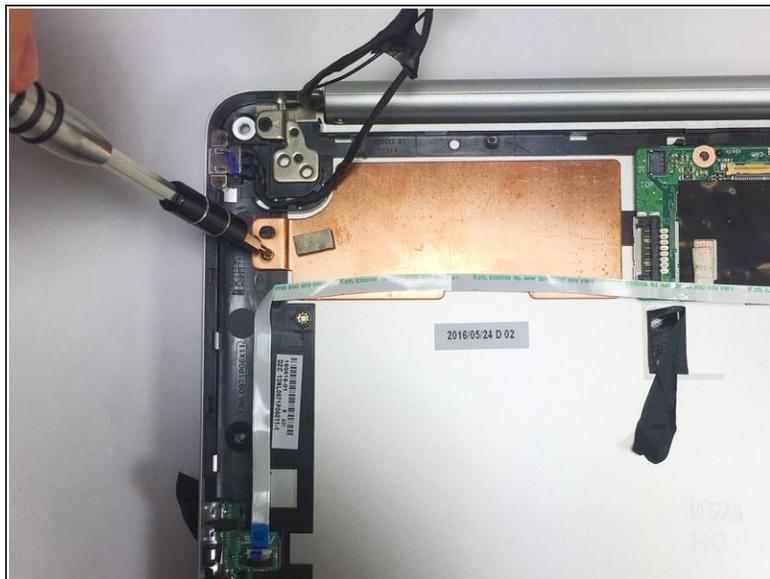
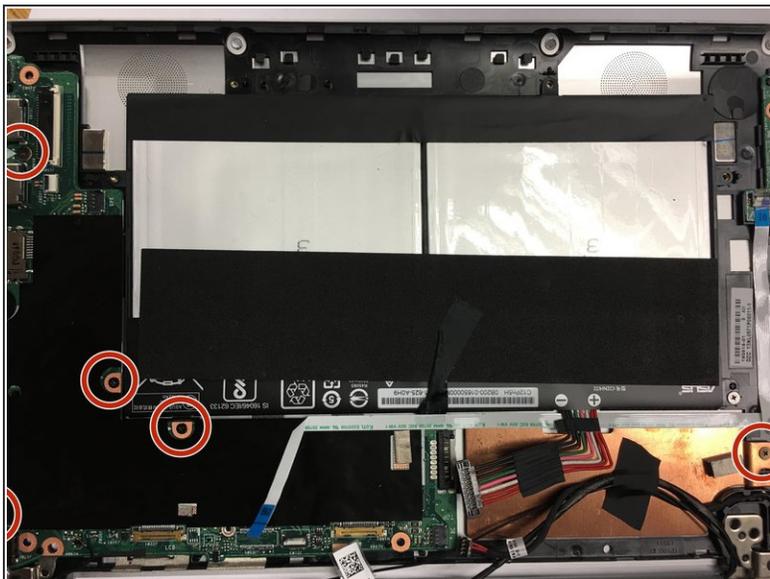
- Disconnect the speaker cable from the motherboard using the pointed end of a plastic spudger.

Step 12



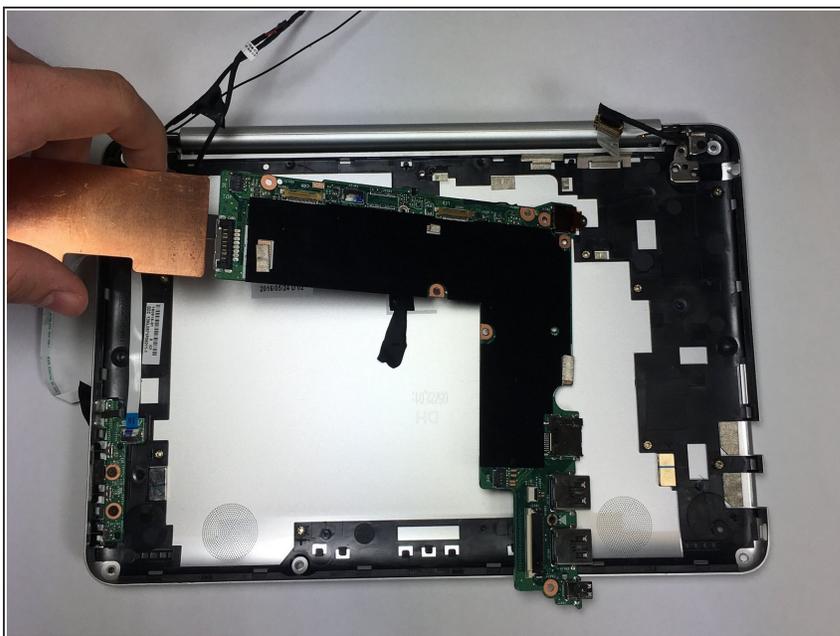
- Remove the four 4.2mm speaker screws, then remove the two speakers using a philips head screwdriver.

Step 13



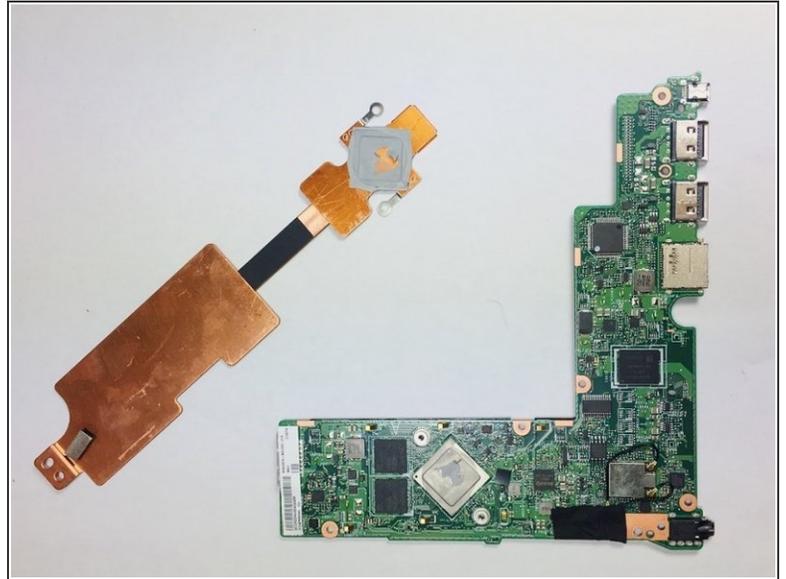
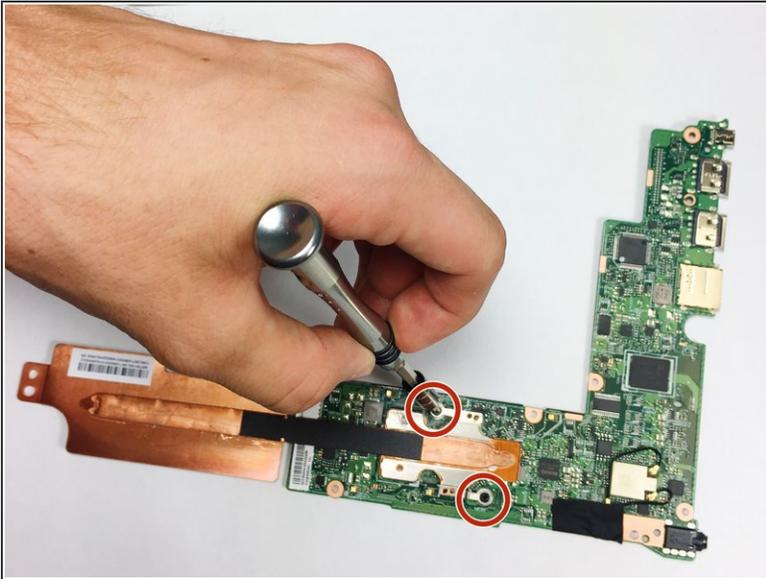
- Remove the five 2.7mm motherboard screws with a T5 screwdriver.

Step 14



- Remove the motherboard.

Step 15 — Heatsink



- Remove the two 2.7mm heat sink screws with a T5 screwdriver, then remove the heat sink from the motherboard.

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