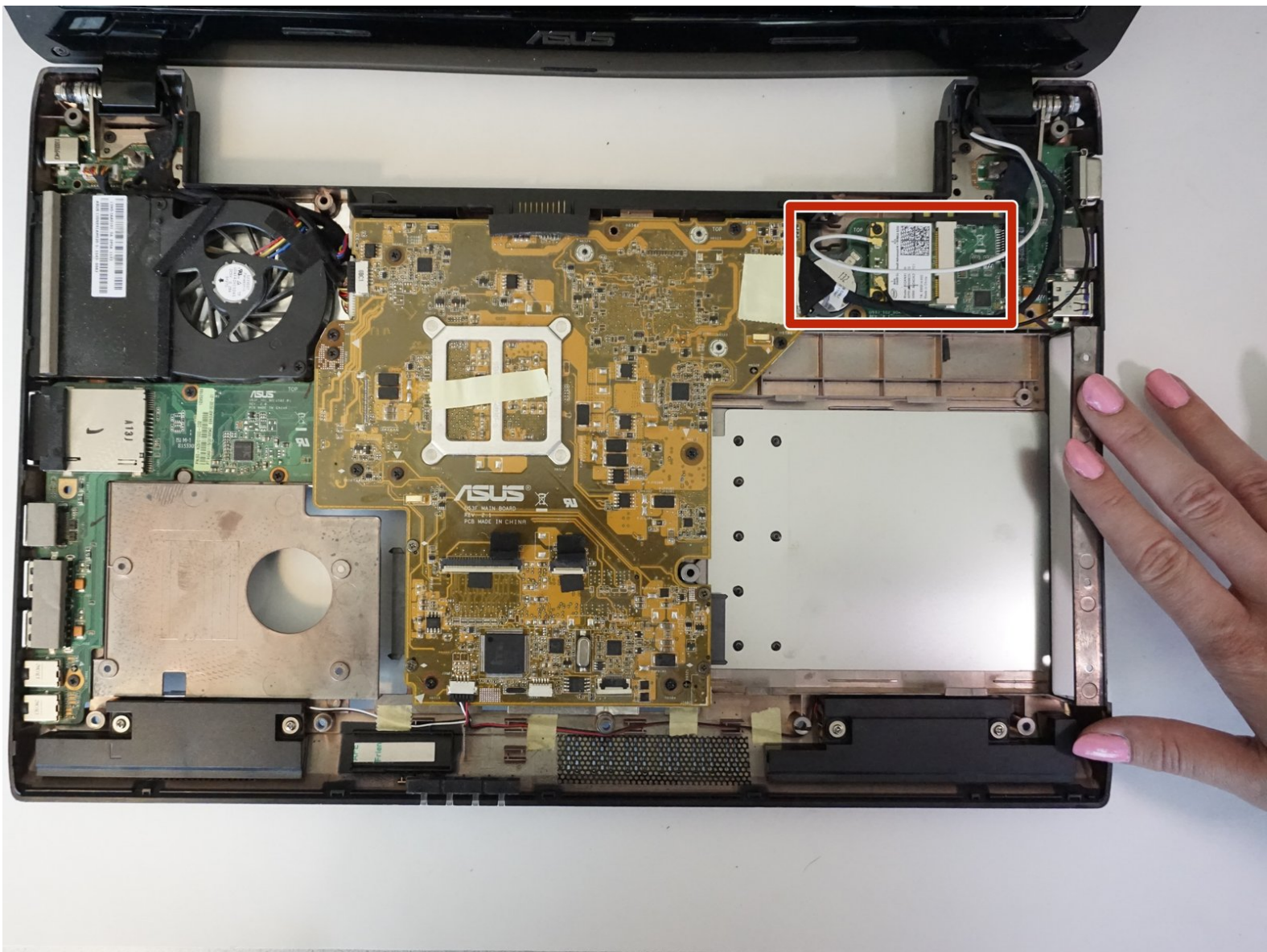# ASUS U52F-BBG6 Wi-Fi Chip Replacement

This is a guide to show you how to replace your Wi-Fi Chip. I would allow yourself at least thirty minutes to complete this guide.

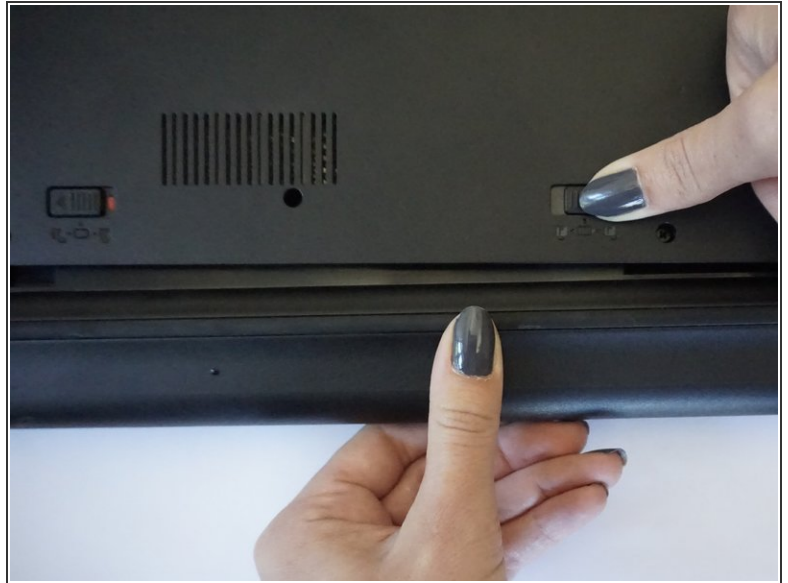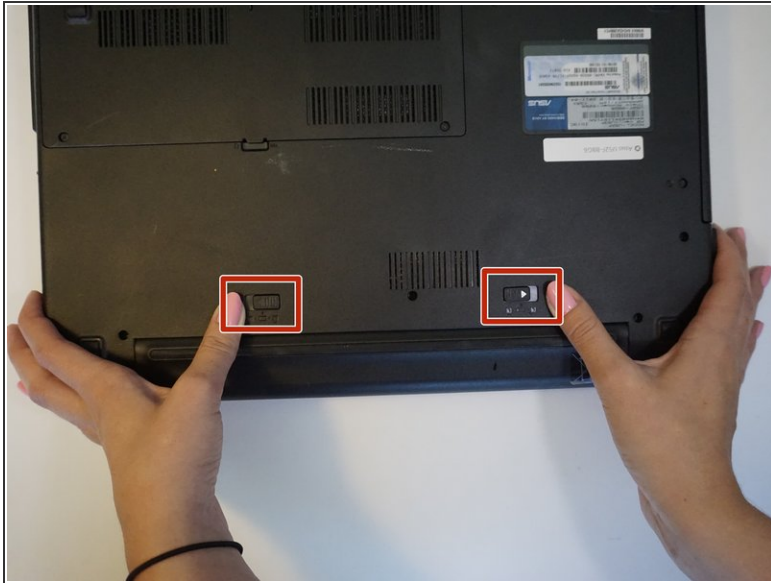Written By: Ashley DeHuff

INTRODUCTION

Use this guide to replace your Wi-Fi chip. Keep in mind it will take a lot of effort when removing the back panel.
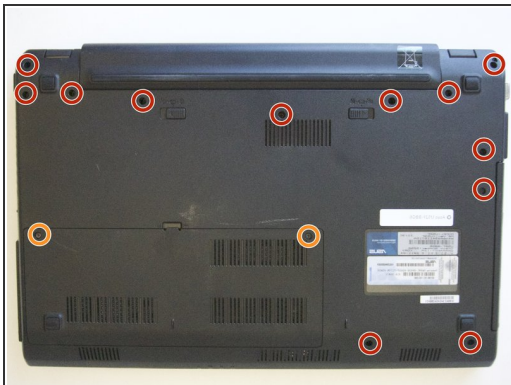
⚙ TOOLS:

- JIS #1 (1)
- Phillips #0 Screwdriver (1)
- Metal Spudger (1)

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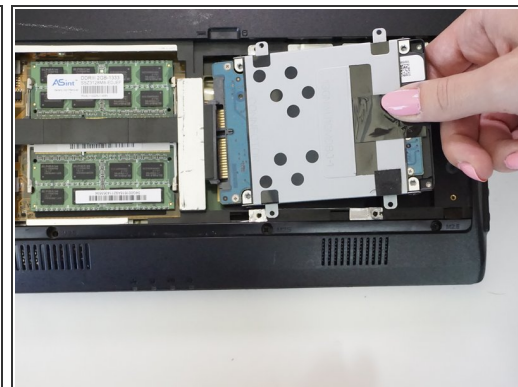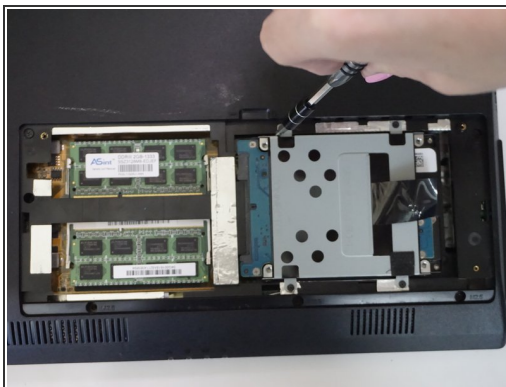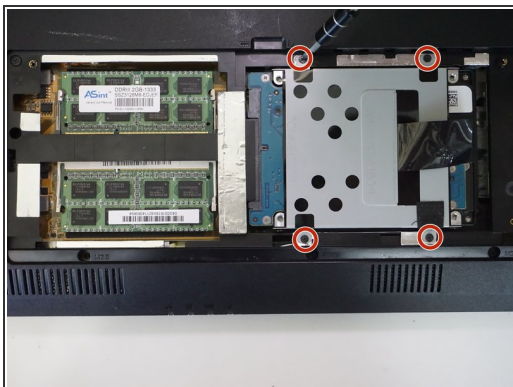
Step 1 — Back Cover

- Flip the laptop over to the back.

- Slide the right latch to unlock, then simultaneously slide the left latch outward while pulling the battery out.
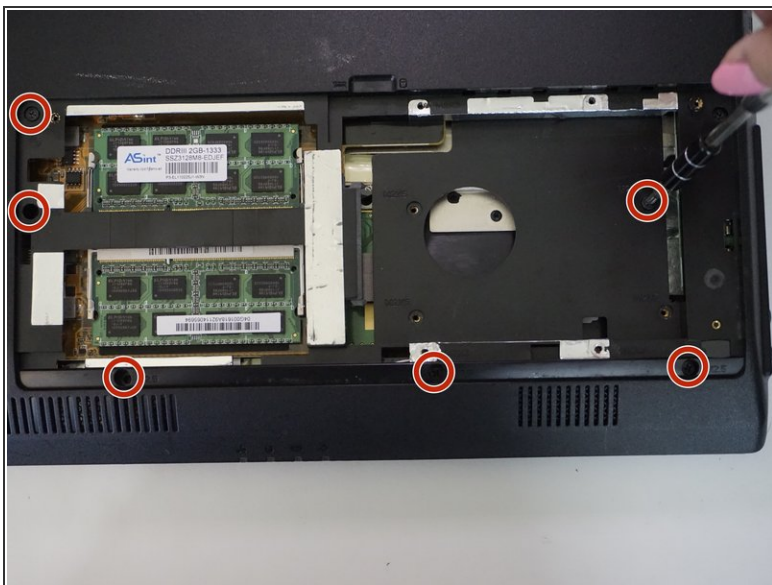
Step 2

- Unscrew all twelve 3mm Phillips screws with the J1 screwdriver.

- Unscrew two 3mm Phillips screws on the black panel using the PH0 screwdriver.

- Lift the black panel upward by inserting your fingernail in the space provided.

Step 3

- In the RAM and hard drive compartment, unscrew the four 3mm Phillips screws using the J1 screwdriver.
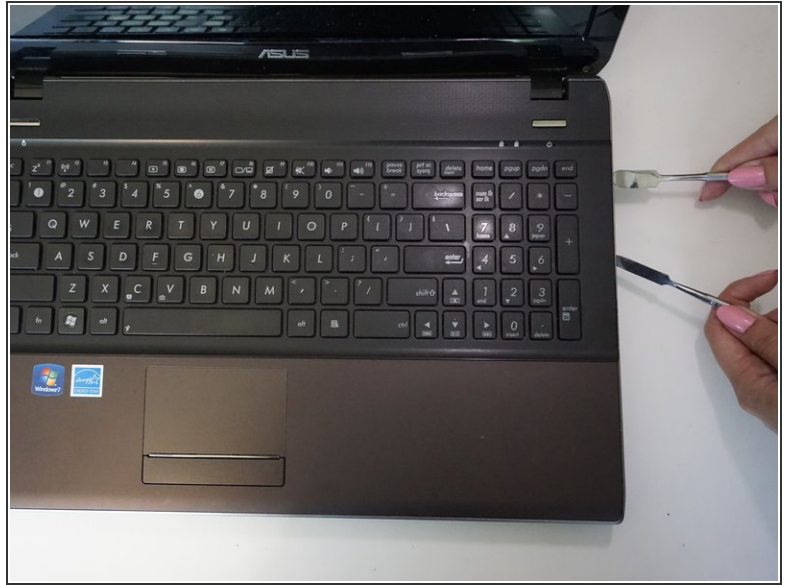
- Gently pull out the hard drive.
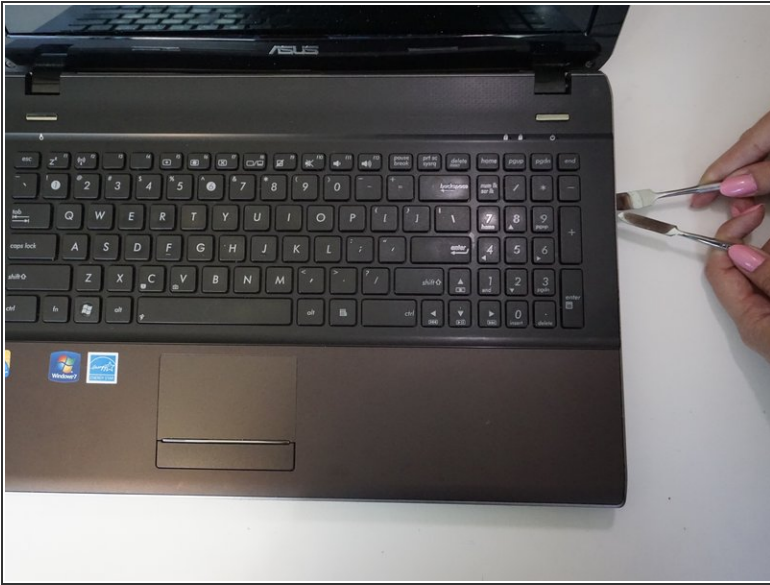
Step 4

- Unscrew six 3mm Phillips screws in the RAM and hard drive compartment with the J1 screwdriver.

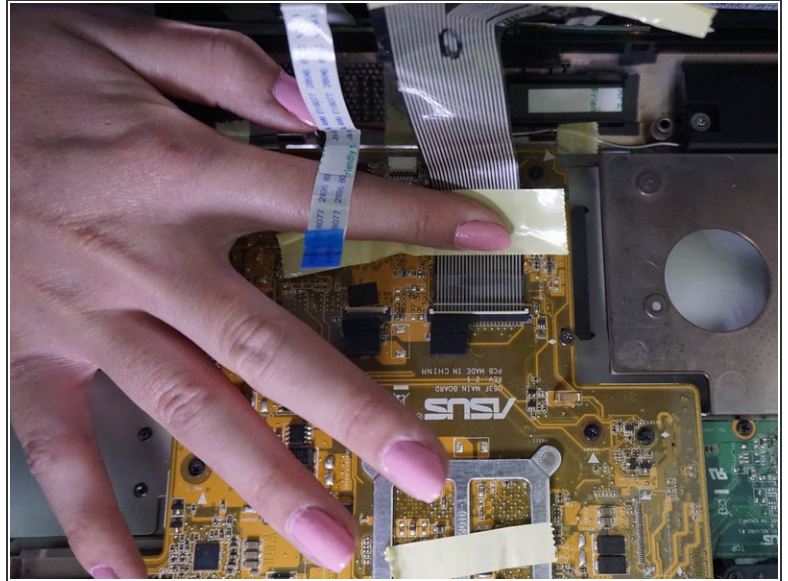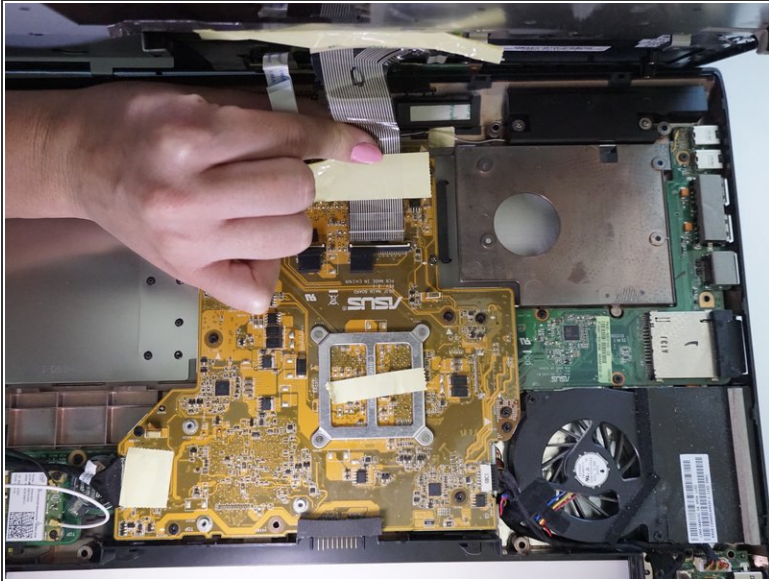This document was generated on 2019-10-14 01:06:56 AM (MST).

Step 5

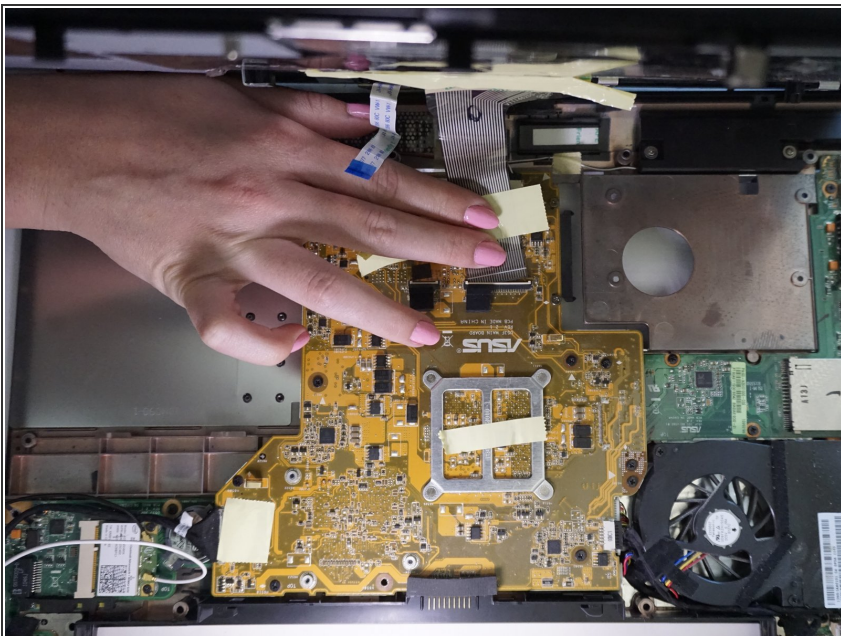- Pull the CD drive outward with your left hand.

Step 6

- Insert and gently twist the flat metal spudger between the keyboard assembly and the bottom plastic cover so that a small seam is opened.

- Put in the metal spudger in the seam to hold its place while twisting and levering the flat metal spudger along the whole keyboard.

- ⚠ Be careful not to hit any of the internals with the metal spudger. The regular black nylon spudger should be used whenever possible, especially around batteries or sensitive internal components.

- ⓘ You will need add a lot of pressure to open the laptop. Expect to hear snaps as the clips holding the two pieces are released.

- Slowly pry off the back
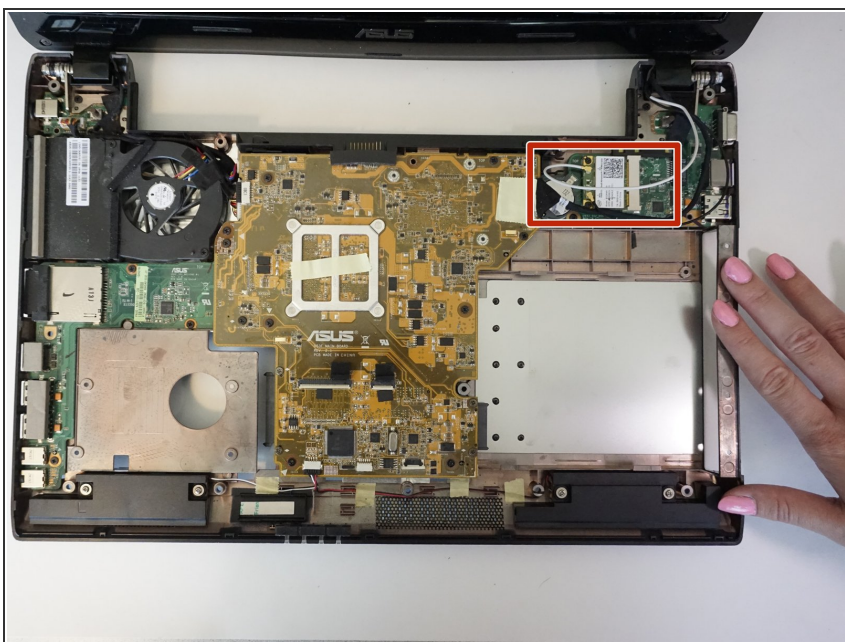
Step 7 — Keyboard

- Unlatch the clip attaching the white flattened flexible cord with a blue tip to the circuit board with your thumb.
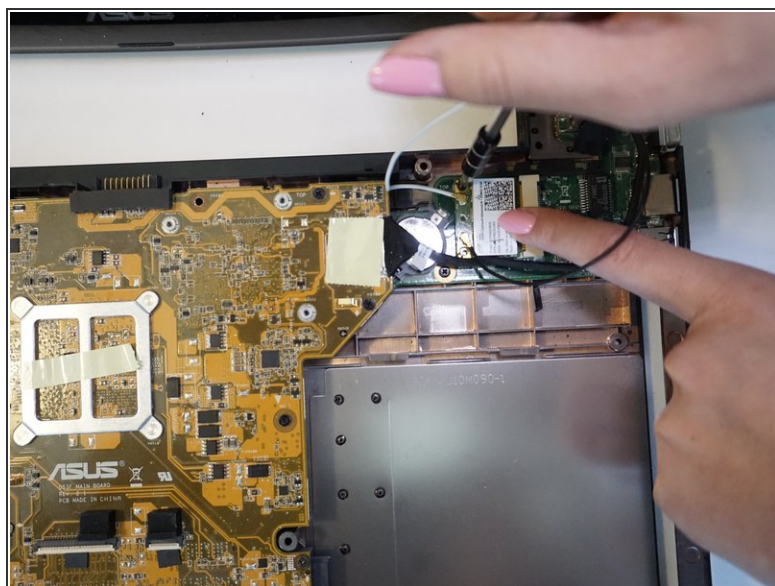
- Pull out the white flattened cord.
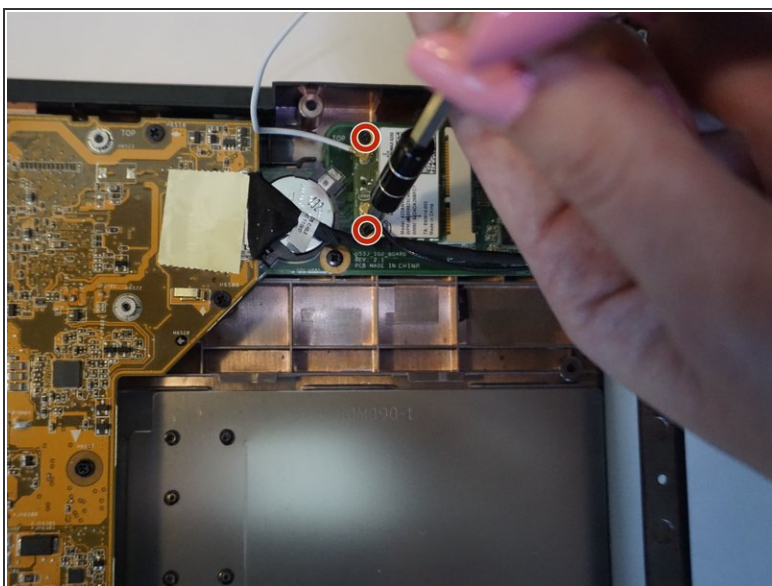
Step 8

- Pull back yellow tape attaching the metal colored flexible flattened cord to the circuit board.

- Lift up the latch at the end of the cord.

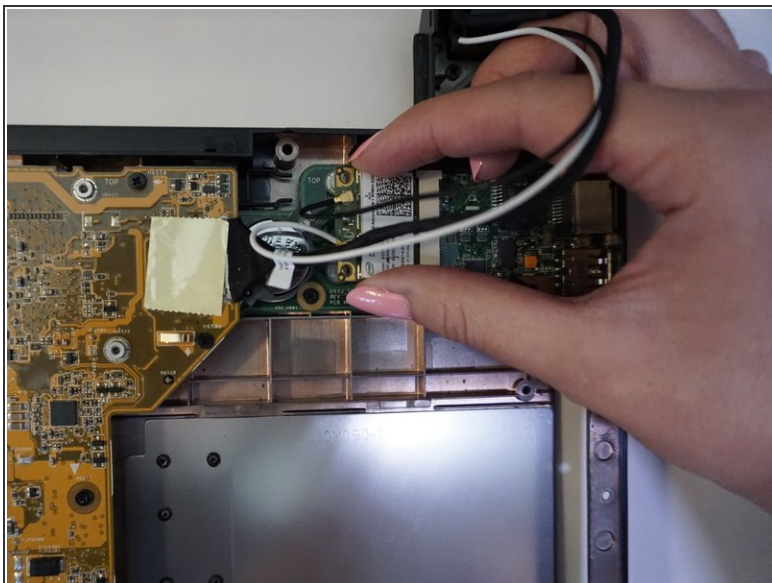- Pull out the cord to release the keyboard.

Step 9 — Wi-fi Chip

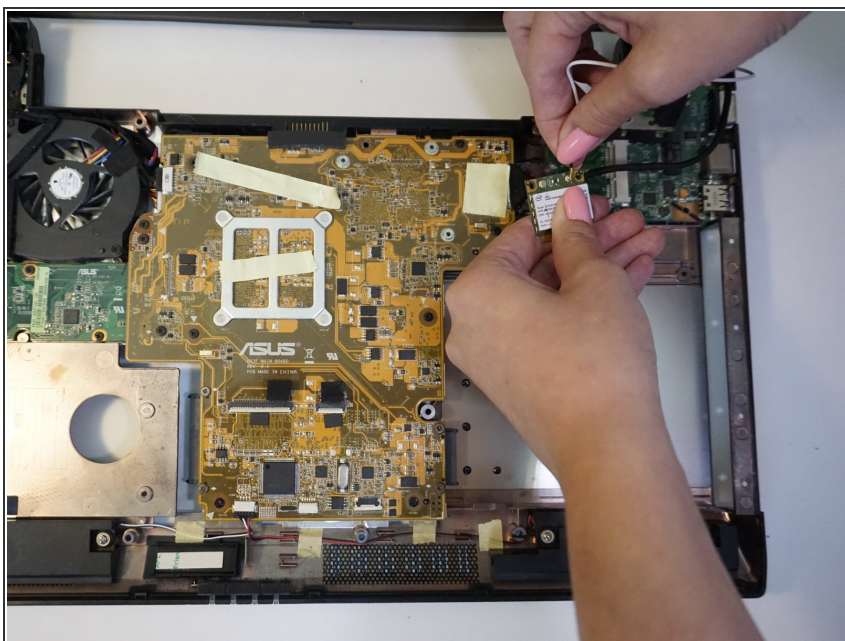● Find the Wi-Fi chip circuit board, which has a white sticker on it and is connected to a black and white wire.

Step 10

● Unscrew the two 3mm Phillips screws using a J1 screwdriver to release the Wi-Fi chip.

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Step 11

- Pull out the Wi-Fi chip

Step 12

- Pull off both wires from the chip.

- ⓘ It's advised to label the wires to remember where each colored wire connects to on the circuit board.

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

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