



Asus Q502LA-BSI5T14 Keyboard Replacement

Replace the full keyboard.

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INTRODUCTION

The keyboard allows communication between the user and the laptop. If your keyboard is not responding, follow this guide to learn how to replace it.

TOOLS:

- [Spudger](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Battery



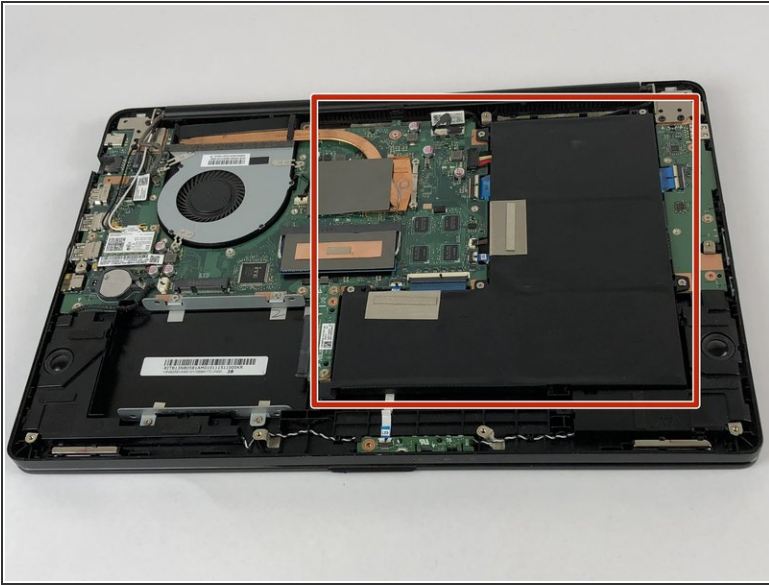
- ⓘ Ensure your device is powered off before starting.
- Flip the laptop over and remove the ten 10 mm Phillips #1 screws securing the back panel.

Step 2



- Carefully insert a plastic opening tool under one corner of the back panel.
- Slide the tool along the seam to gently pry the panel up and away from the device.

Step 3



- The battery is the large L-shaped block.
- Remove the five 5.5 mm Phillips #1 screws securing it.

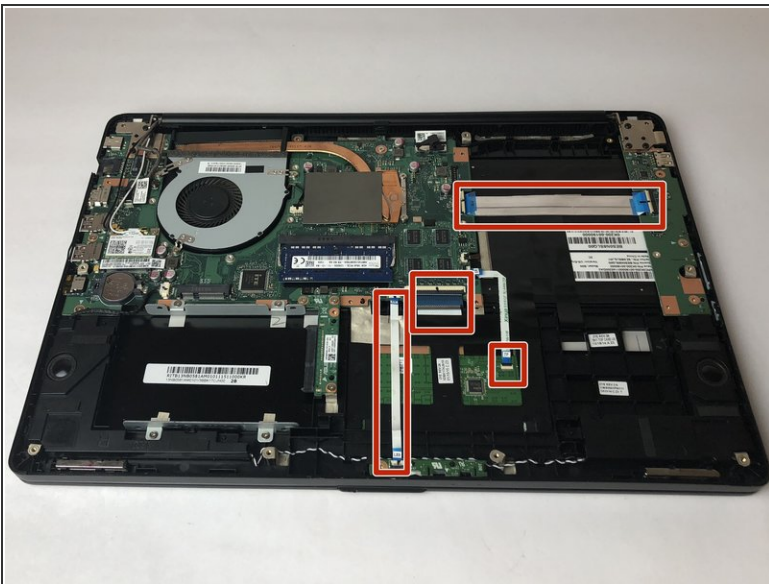
Step 4



- Using a plastic opening tool, lift the battery straight upward to remove it.

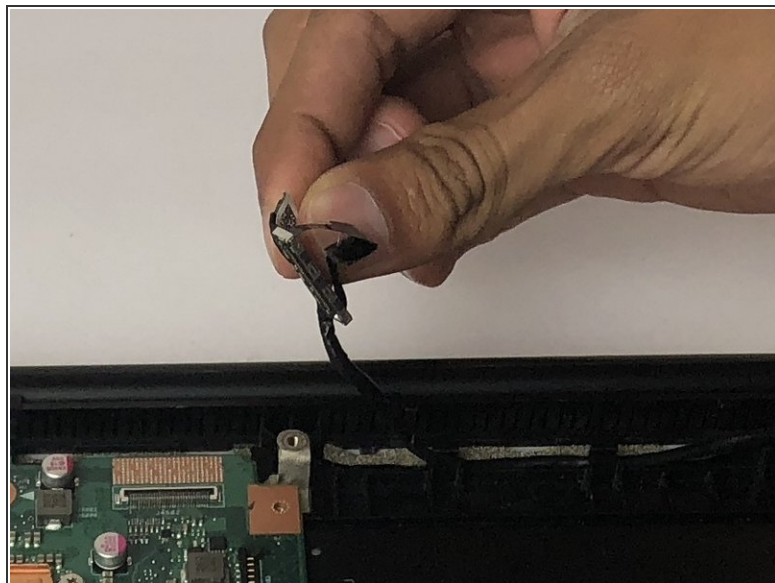
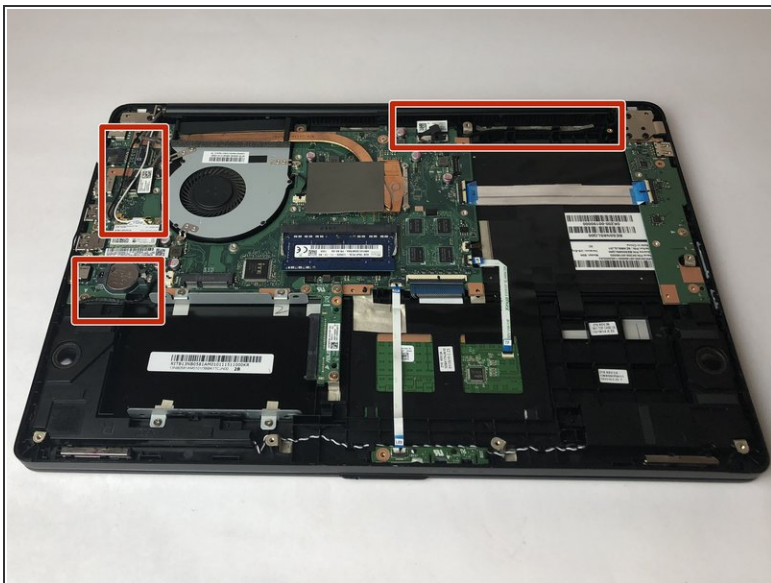
⚠ There are a series of eight small wires connecting the battery to the motherboard. Make sure you gently lift the battery straight up to disconnect these wires and prevent damage.

Step 5 — Motherboard



- Remove the four ribbons connected to the motherboard.

Step 6



- Disconnect the five wires attached to the motherboard by pulling gently. There are three thin wires in the upper left corner.

Step 7



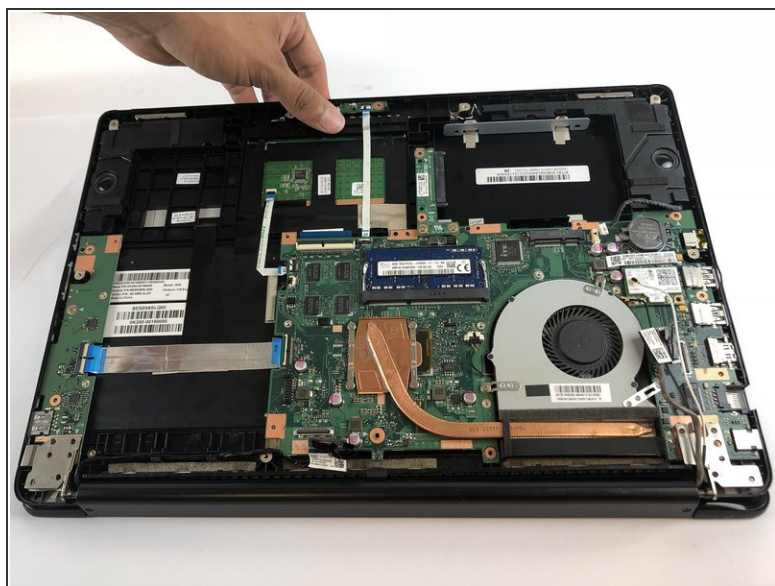
- Remove the two 5 mm Phillips #1 screws attaching the stabilizer to the motherboard

Step 8



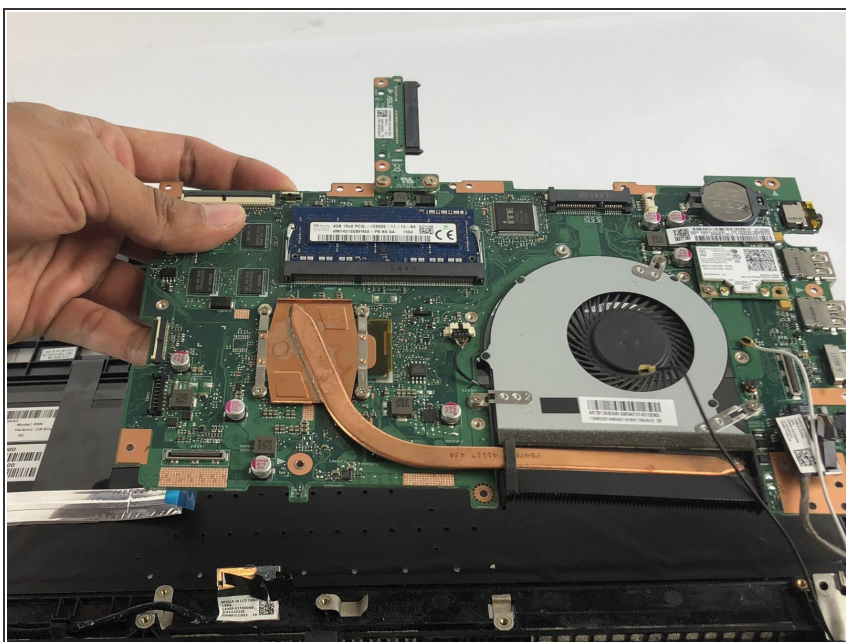
- Remove the four 5 mm Phillips #1 screws around the perimeter of the motherboard.

Step 9



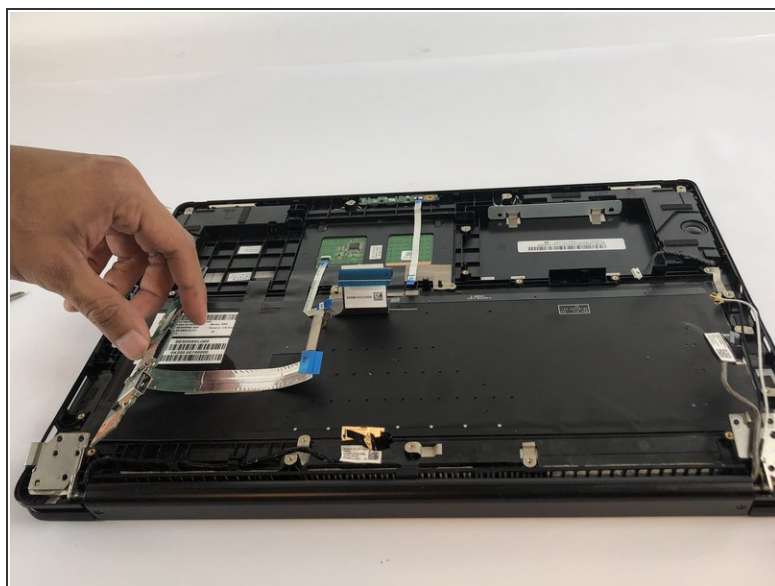
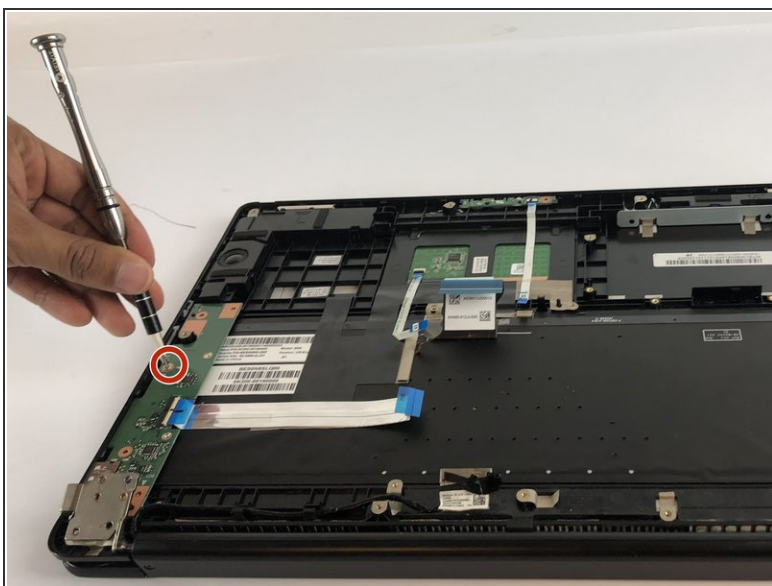
- Remove the six 5 mm Phillips #1 screws securing the silver plates to the motherboard.
- Open the laptop approximately 1/2" to loosen the hinge and release the motherboard.

Step 10



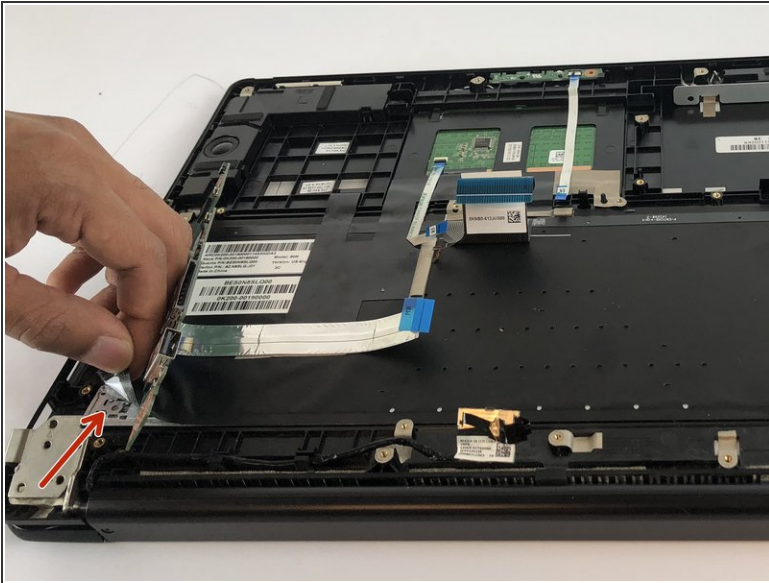
- Gently lift the motherboard out and away from the laptop.

Step 11 — Keyboard



- Remove the one 5 mm Phillips #1 screw.
- Pull out the green plastic in order to free the keyboard underneath.
- ⓘ It is not necessary to unattach the green plastic completely .

Step 12




- Start peeling the black cover from the bottom left corner gently.
- Continue until the black cover is fully removed.

Step 13

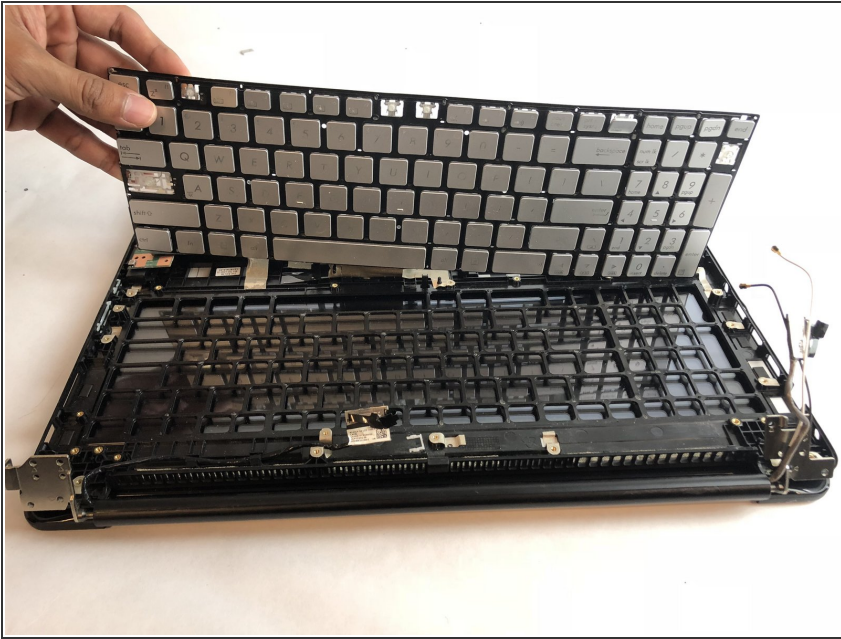


- Insert black Spudger in bottom left corner and lift the keyboard up.
- Slide the black Spudger underneath the keyboard to loosen it.

 Little black pieces that hold the keyboard in place will pop out while you lift the keyboard up.

 This part is difficult and requires a gentle but forceful movement.

Step 14



- Lift up the keyboard once it is loosened to remove it.

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