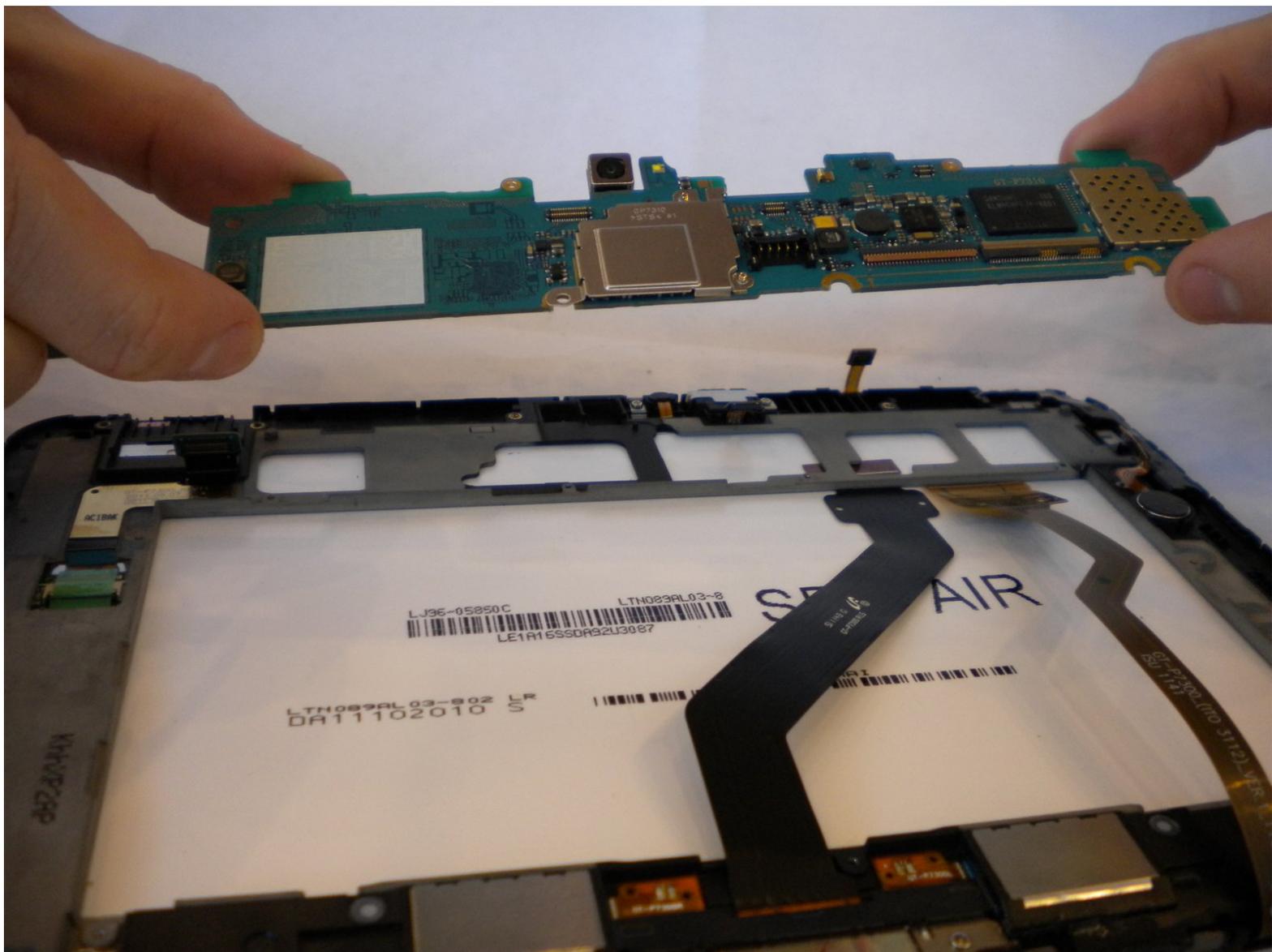




Samsung Galaxy Tab 8.9 Motherboard Replacement

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INTRODUCTION

Use this guide for replacing the motherboard on a Samsung Galaxy Tab 8.9. The guide shows how to disassemble the device to replace the motherboard.

TOOLS:

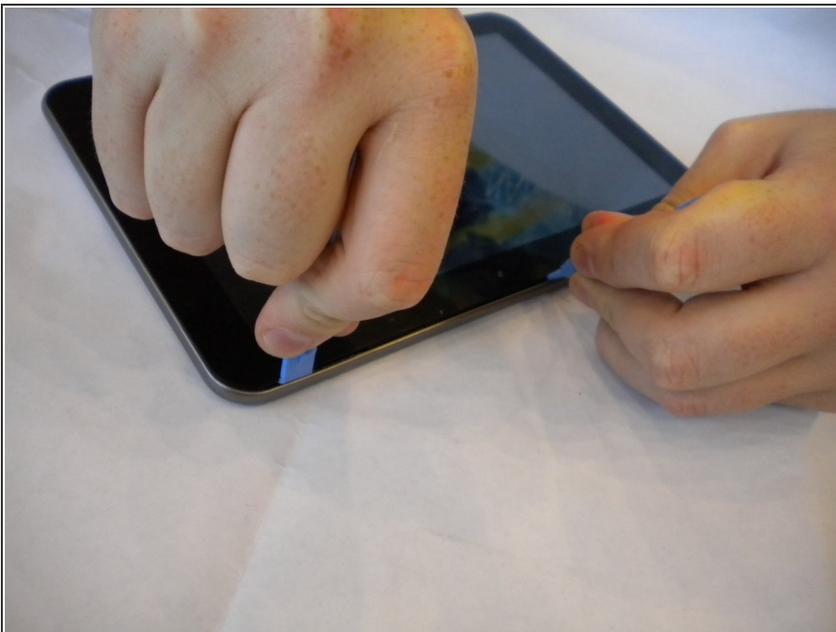
- [Phillips #00 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (2)
 - [Spudger](#) (1)
 - [Tweezers](#) (1)
-

Step 1 — Battery



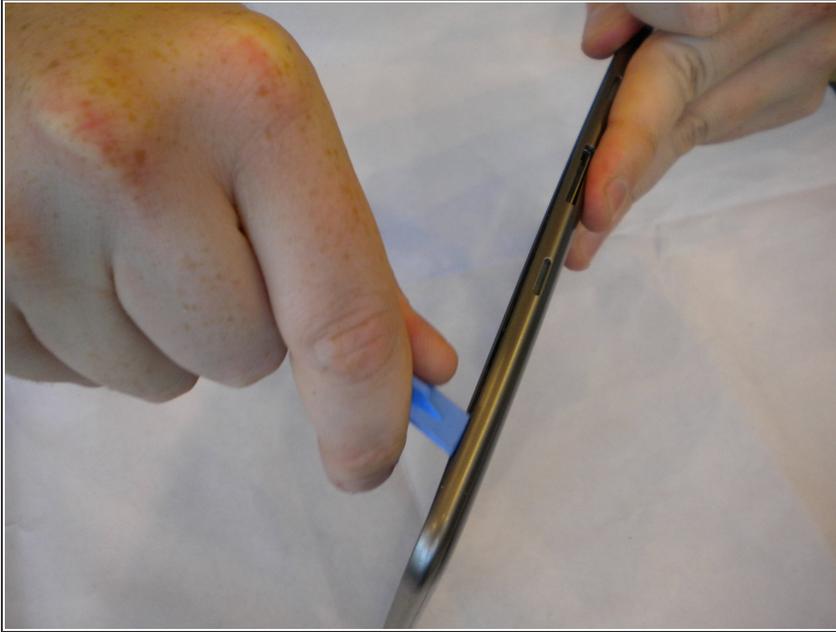
- Insert a plastic opening tool between the back cover and the screen of the Samsung Galaxy Tab 8.9.

Step 2



- 6 cm [2 in] away from the first plastic opening tool, insert a second plastic opening tool between the back cover and the screen.

Step 3



- Slide the second plastic opening tool along the edge of the device to separate the back cover from the screen.

Step 4



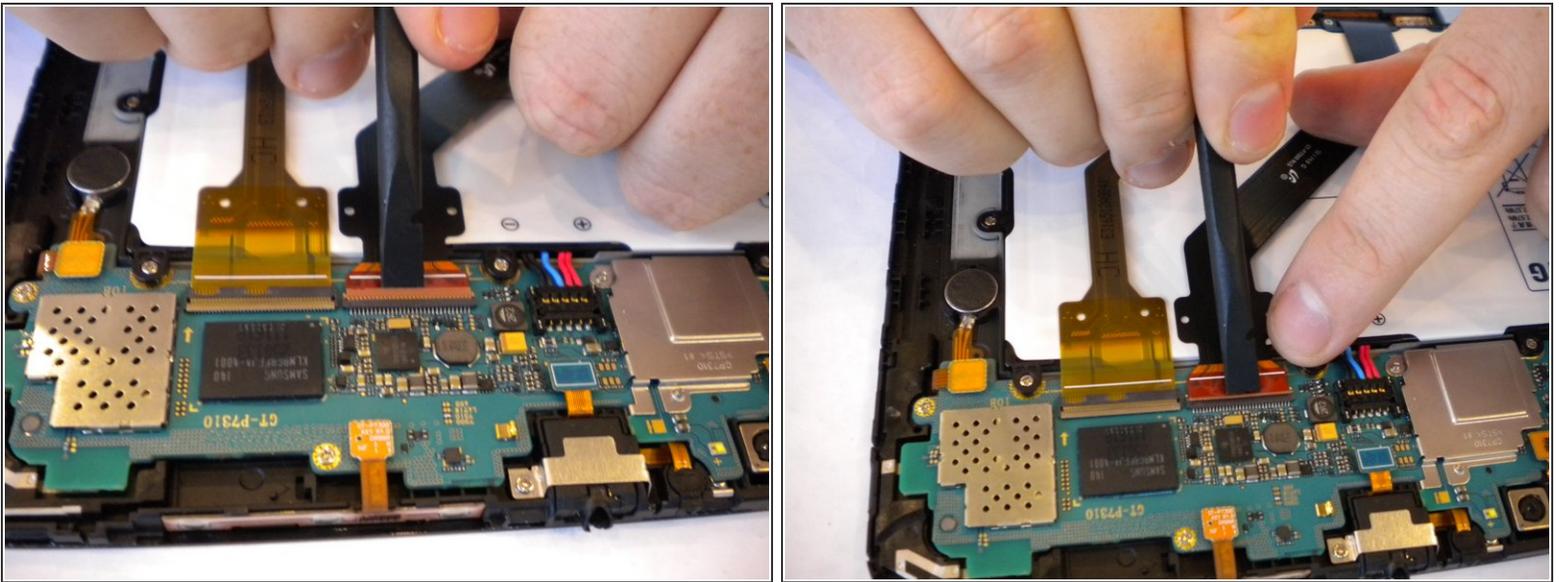
- Use your hands to open the back cover.

Step 5 — Remove Green Tape



- Use tweezers to peel up the green tape located on top of the two flexible ribbon cables.

Step 6



- Insert a spudger under the orange tab.
- Gently pry up the tab to disconnect the black flexible ribbon cable from the motherboard.

Step 7



- Carefully pull out the yellow flexible ribbon cable to disconnect it from the motherboard.

Step 8 — Disconnect Battery from MotherBoard



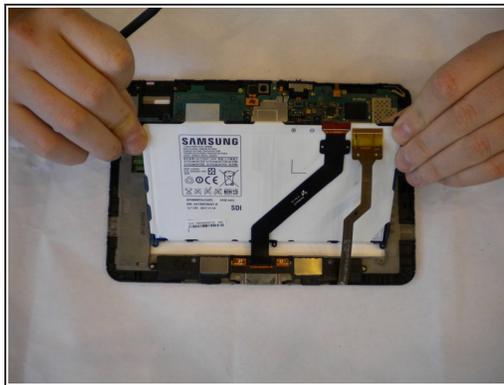
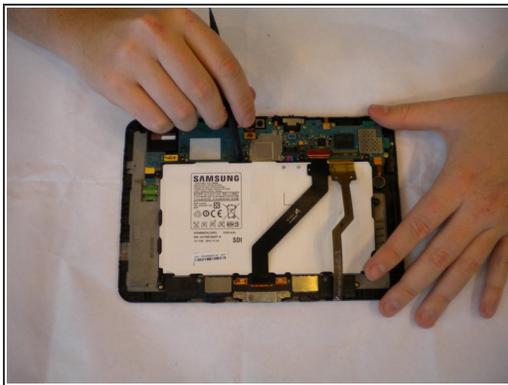
- Insert the spudger under the red, black, and white cables.
- Pry up and detach the battery from the motherboard.

Step 9



- Use a Phillips #00 screwdriver to remove the nine 1 mm screws located around the battery.

Step 10 — Remove the Battery



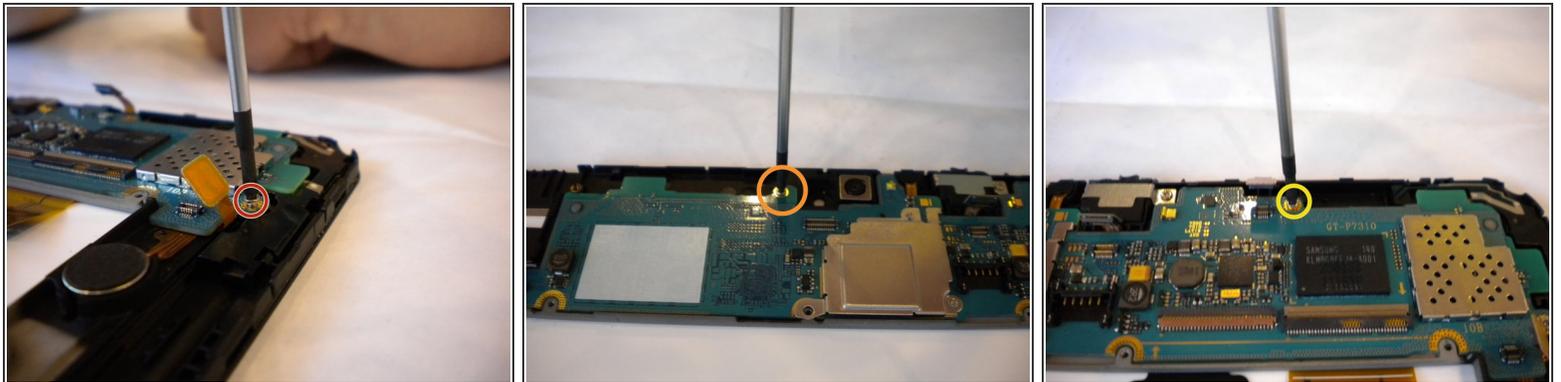
- Use a spudger to lift up and separate the battery from its housing.

Step 11 — Motherboard



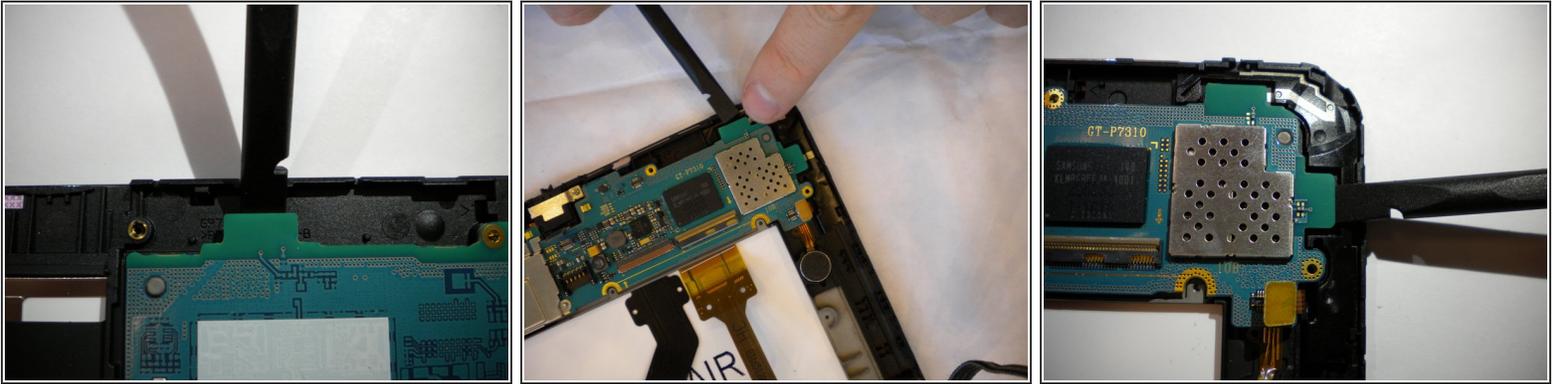
- Locate the motherboard and 5 connectors on it.
- Pry up and detach the connector from the motherboard using the flat edge of the spudger.
- Repeat for the 4 remaining connectors.

Step 12



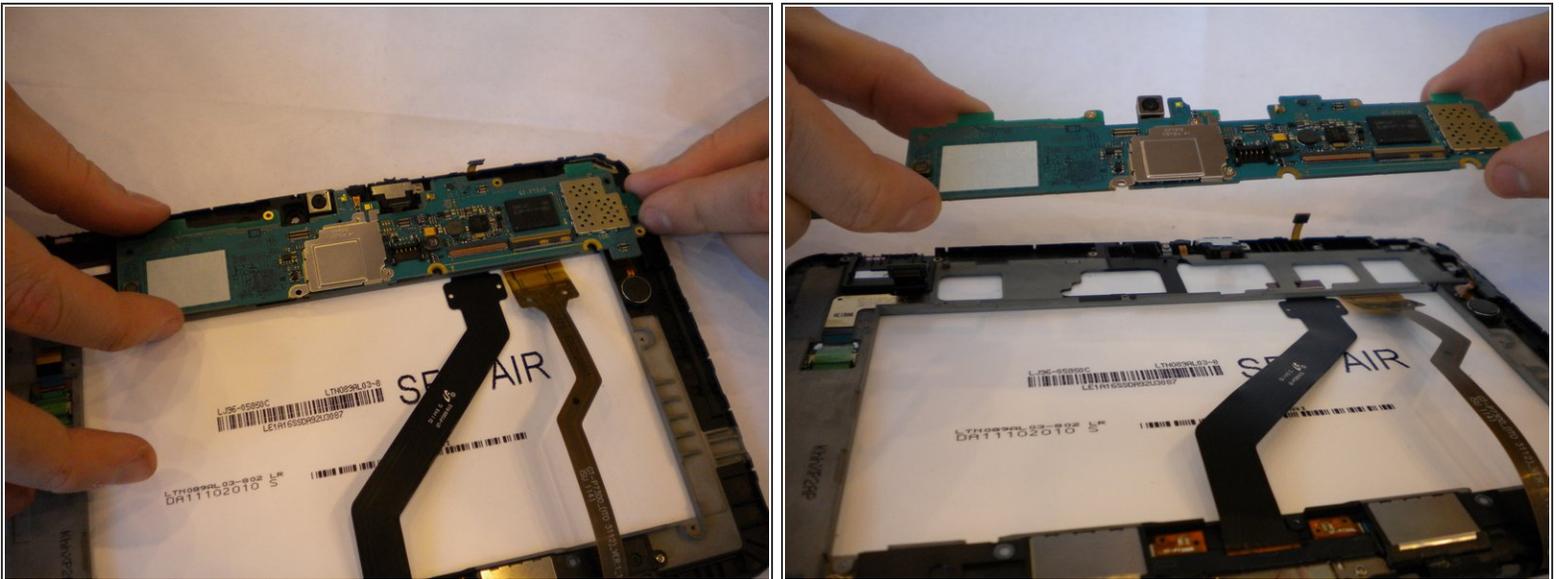
- Using the Phillips #00 screwdriver, unscrew the 3 screws (1mm) that are located near:
 - Camera
 - Power and volume buttons
 - Tilt sensor

Step 13



- Using the flat edge of the spudger, pry and lift up the motherboard.

Step 14



- Pull away the motherboard from the housing.

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