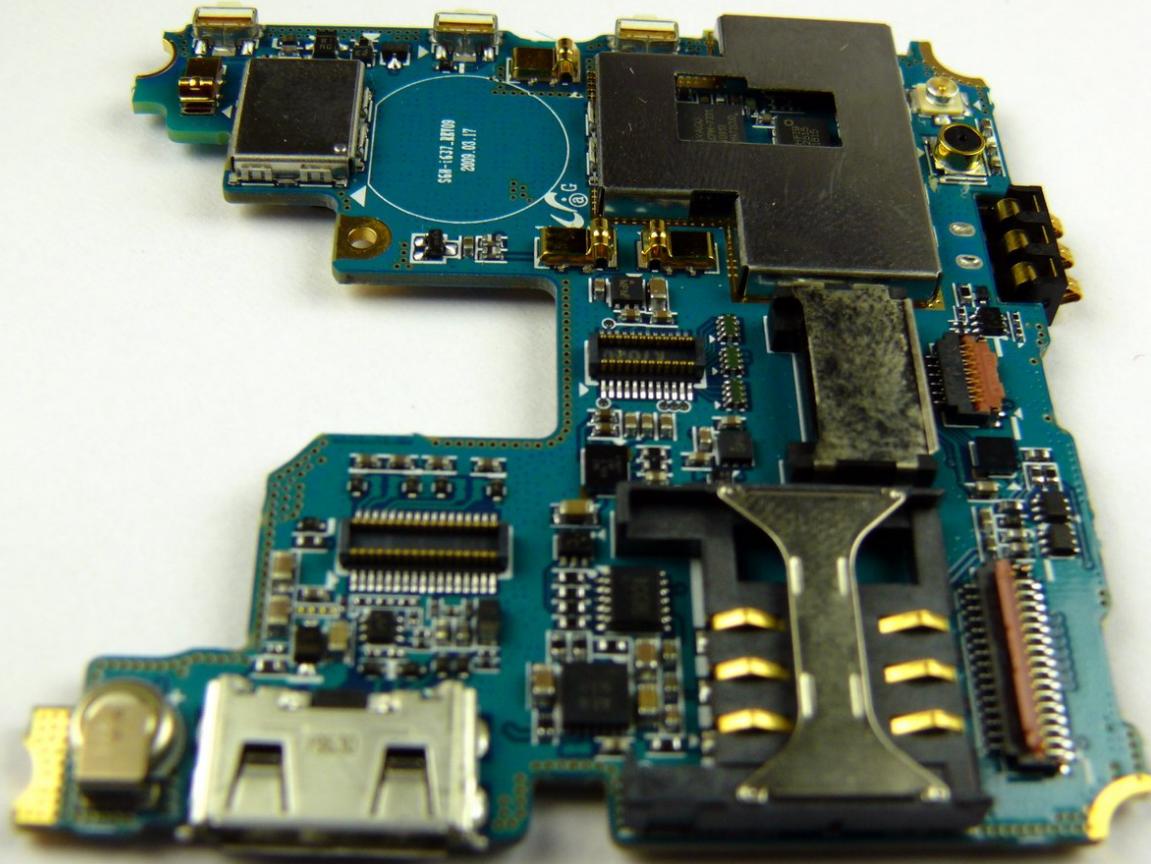




Samsung Jack Motherboard Replacement

Installing the Samsung Jack's Motherboard

Written By: Jaime Serrano



INTRODUCTION

Use this repair guide to replace the Motherboard.

TOOLS:

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

Step 1 — Battery



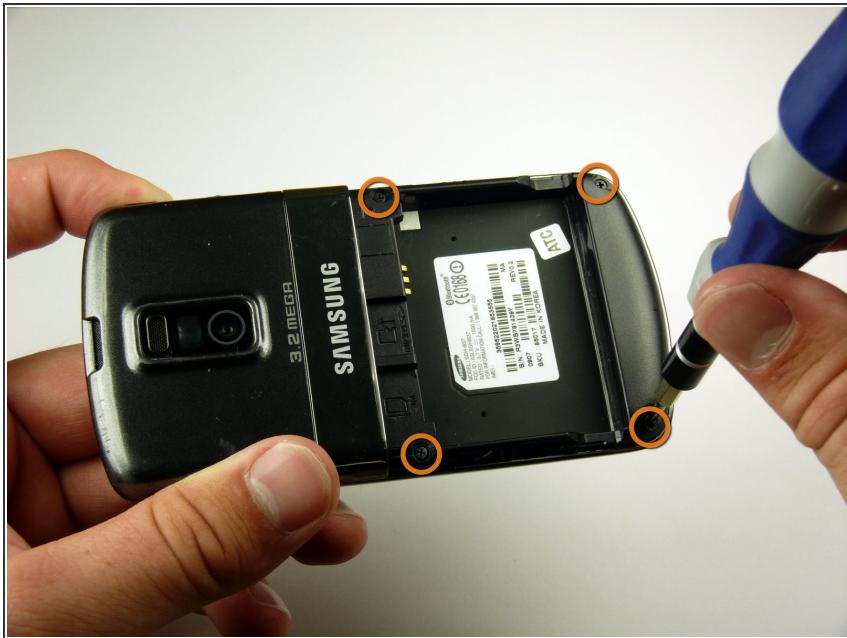
- Slide the battery cover downwards with pressure focused on the center of the cover.
- Lift the cover off of the phone.

Step 2



- Grasp the bottom left and right corners of the battery and lift it from its housing.

Step 3 — Rear Case



- Remove the four black 7.30 mm screws surrounding the battery housing using a Phillips #00 Screwdriver.

Step 4



(i) The rear case is firmly attached to the phone with clips. Do not be afraid to use a little extra force.

- Insert the Plastic Opening Tool in between the front and rear cases.
- Pry with the Plastic Opening Tool around all edges of the phone until you free all the clips.

Step 5



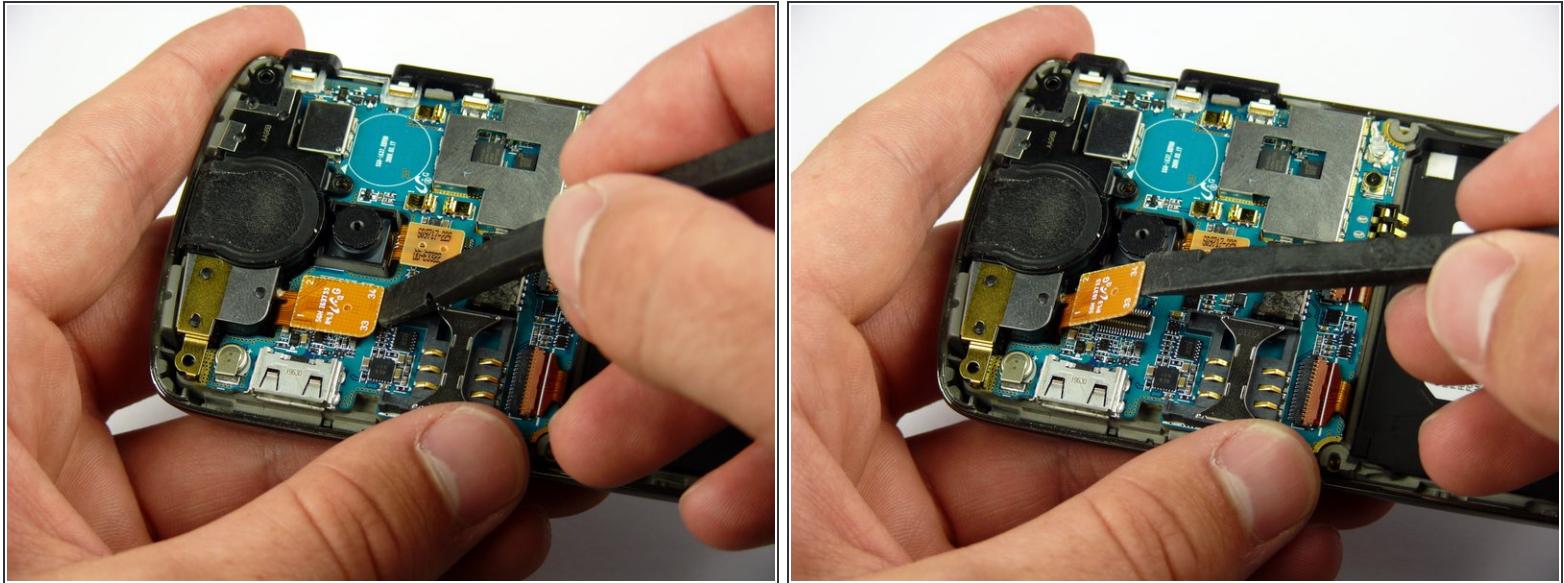
- Lift the rear case off of the phone.

Step 6 — Speaker



- Remove the two black 7.30 mm screws on the top right and left corners of the Motherboard using a Phillips #00 Screwdriver.
- Remove the silver 4.50 mm screw located below the speaker using a Phillips #00 Screwdriver.

Step 7



- Use the spudger to detach the speaker ribbon cable.

Step 8



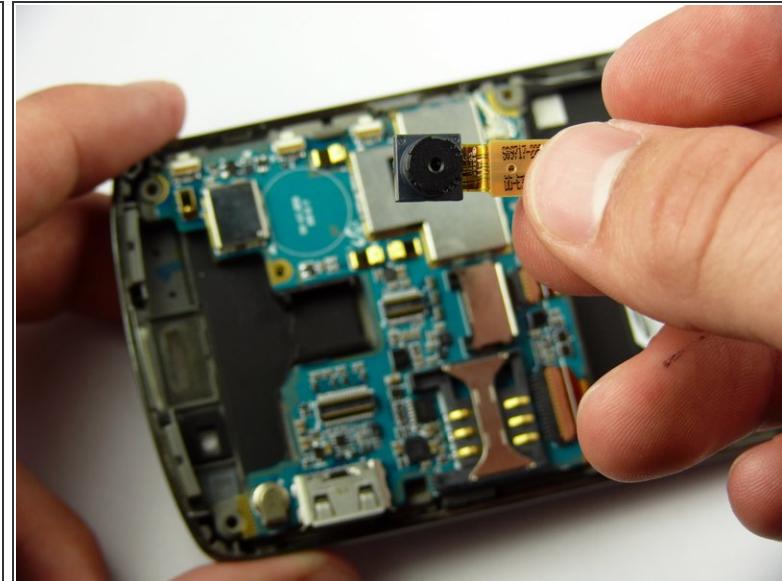
- Lift the speaker out of its compartment.

Step 9 — Motherboard



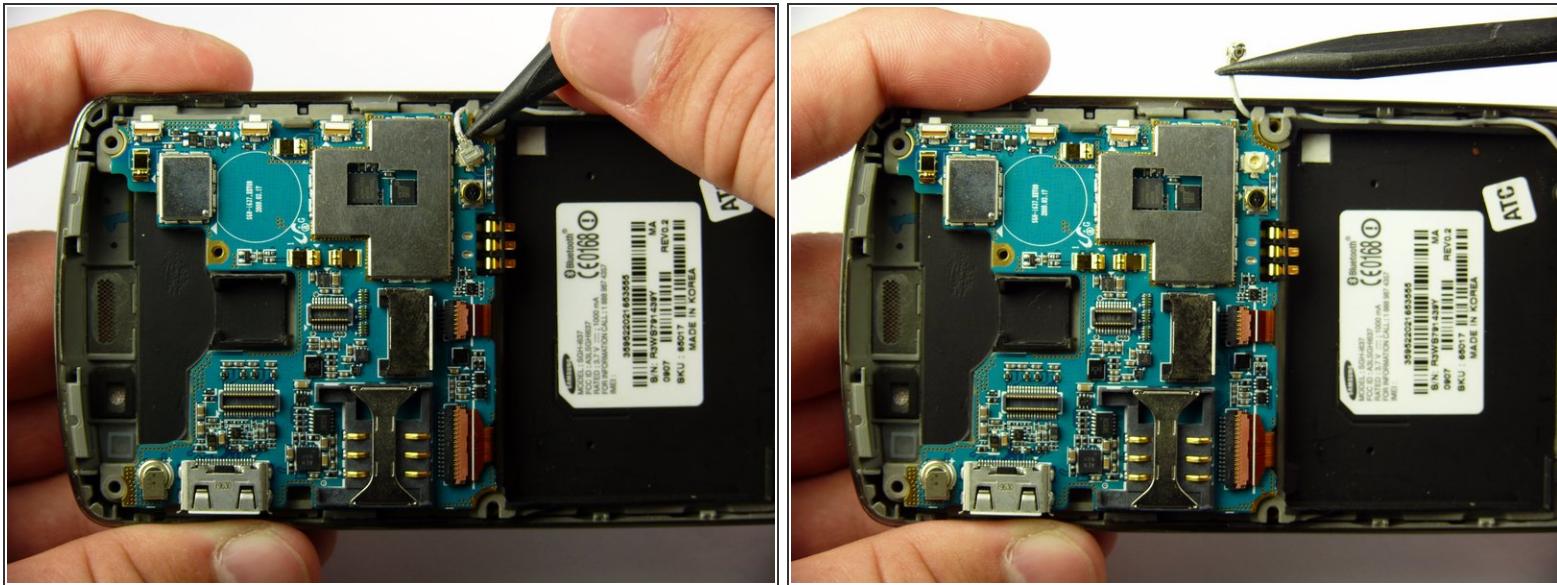
- Remove the power and volume buttons on the right side of the Motherboard.

Step 10



- Use a spudger to detach the camera ribbon cable.
- Lift the camera off of the Motherboard.

Step 11



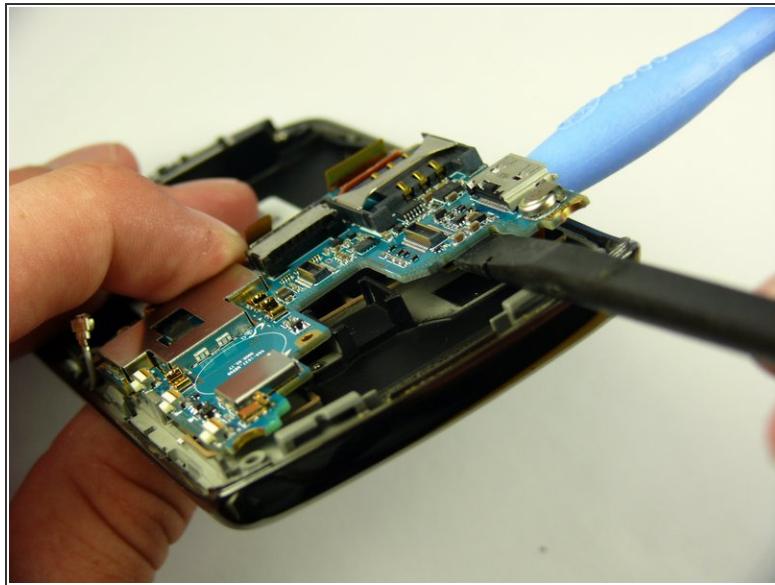
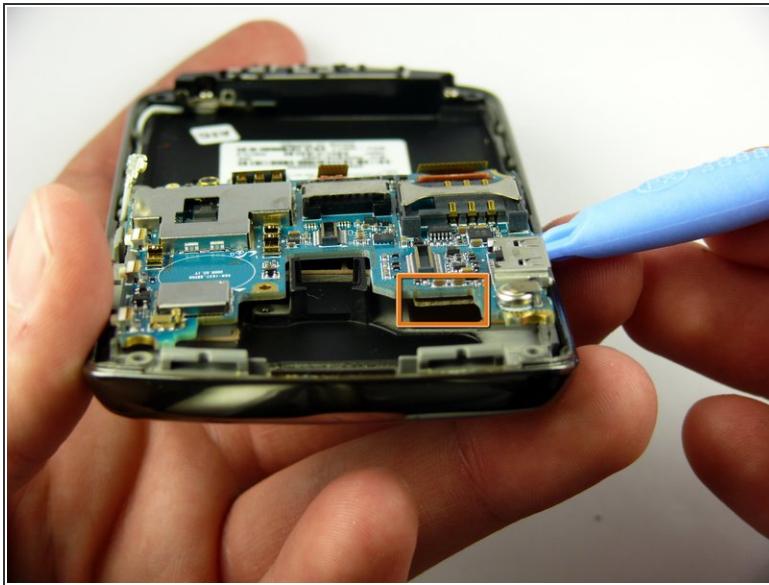
- Use a spudger to disconnect the white antenna wire on the bottom right corner of the Motherboard.

Step 12



- Use a Plastic Opening Tool to lift the flaps of the ZIF connectors to release the ribbon cables near the bottom of the Motherboard.
- Use a spudger to carefully pull the ribbon cables away from the ZIF connectors.

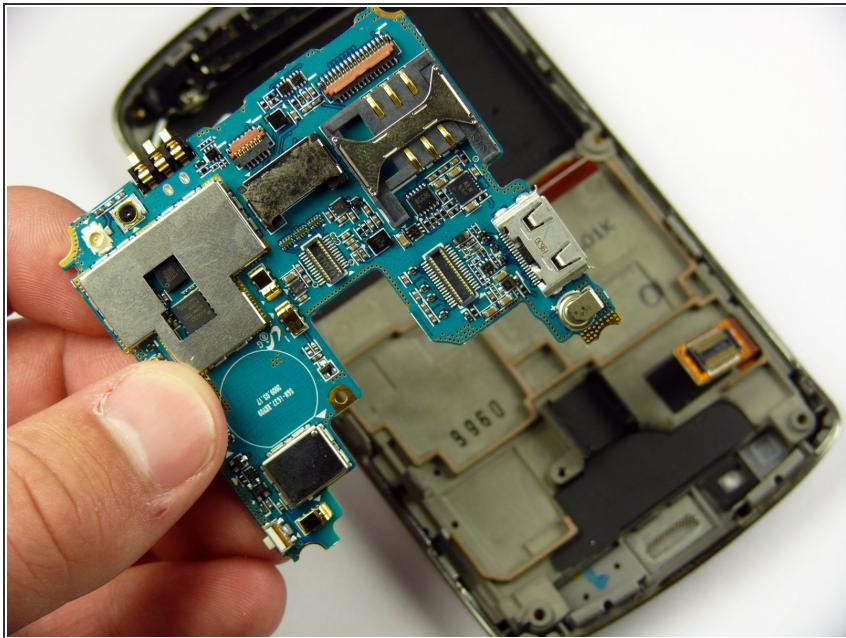
Step 13



⚠ There is a ribbon cable under the Motherboard connecting it to the LCD. Do not pull off the Motherboard just yet.

- Insert the Plastic Opening Tool under the upper left corner of the Motherboard to help reveal the ribbon cable.
- Use a spudger to disconnect the Motherboard ribbon cable.

Step 14



- Lift the Motherboard off of the phone.

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