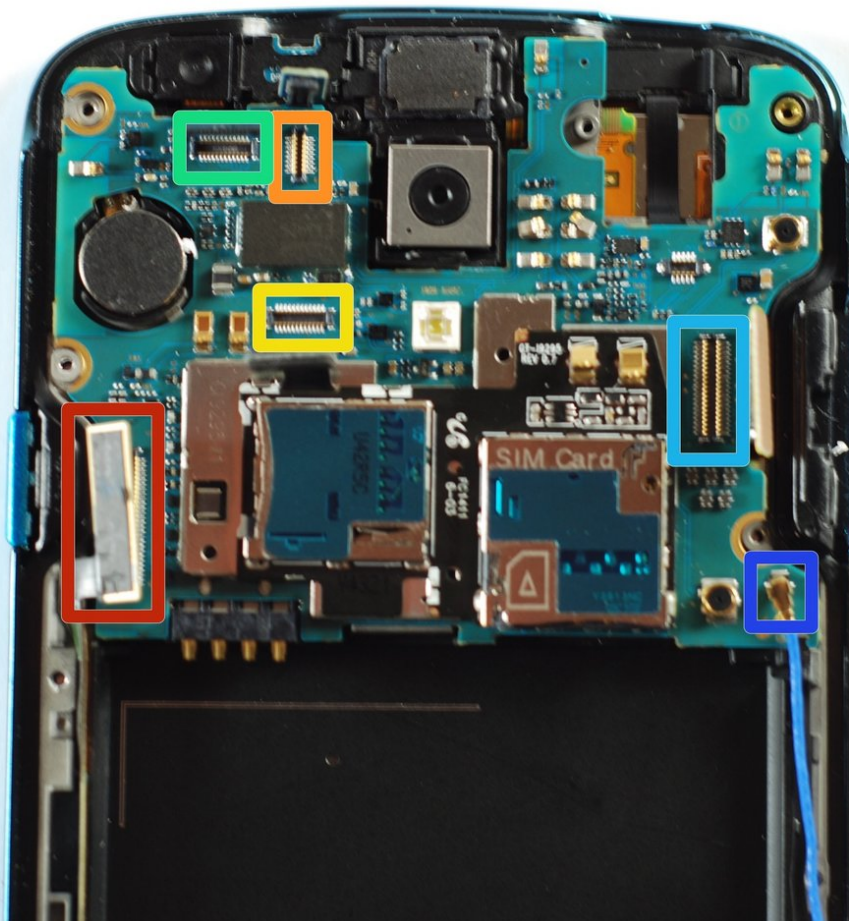




Samsung Galaxy S4 Active Motherboard Replacement

Replace the motherboard.

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INTRODUCTION

Use this guide to replace a defective motherboard in your Samsung Galaxy S4 Active.



TOOLS:

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



PARTS:

- [Samsung Galaxy S4 Active Wi-Fi Antenna](#) (1)

Step 1 — Rear Case



- Pry with a plastic opening tool, or your fingernail, in the divot to the left of the rear-facing camera, near the power button.
- Lift the rear case by the corner nearest the divot and remove it from the phone.

Step 2 — MicroSD Card



- Use a plastic opening tool, or your fingernail, to press the microSD card slightly deeper into its slot until you hear a click.
- After the click, release the card and it will pop out of its slot.
- Remove the microSD card.

Step 3 — Battery



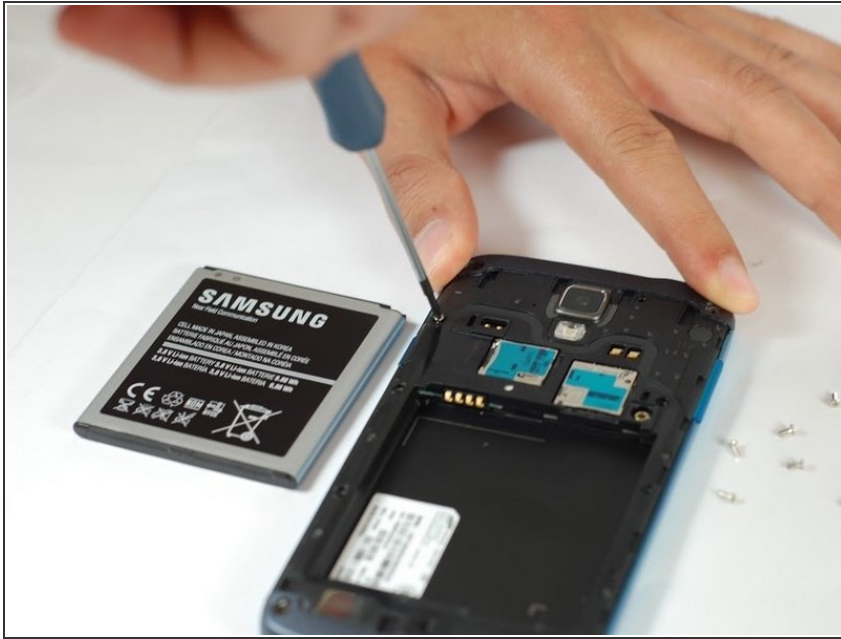
- Insert a plastic opening tool, or your finger, into the notch of the battery compartment and lift the battery upward to remove it.

Step 4 — SIM Card



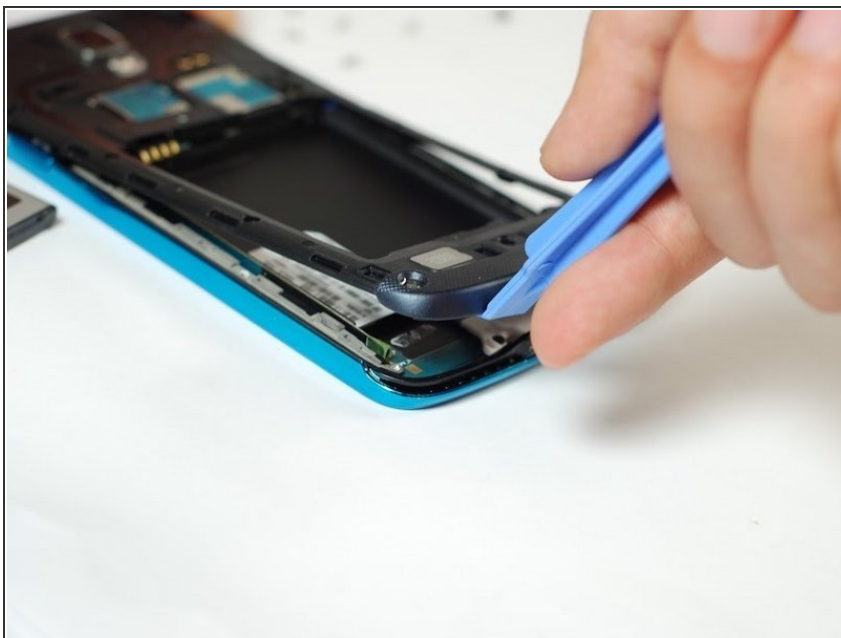
- Use a plastic opening tool, or your fingernail, to press the SIM card slightly deeper into its slot until you hear a click.
- After the click, release the card and it will pop out of its slot.
- Remove the SIM card.

Step 5 — Midframe



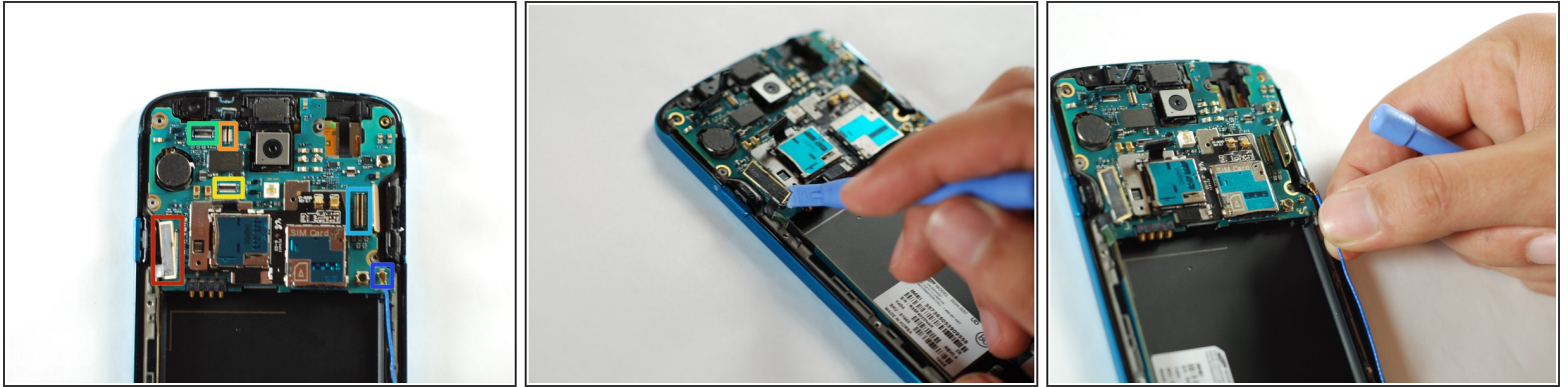
- Use the tip of a spudger to remove the four metallic pads located in each corner of the device.
- Using a Phillips #00 screwdriver, remove the 12 screws connecting the midframe to the device.

Step 6



- Use the plastic opening tool to pry around the entire edge of the midframe now to release it from the front case.

Step 7 — Motherboard



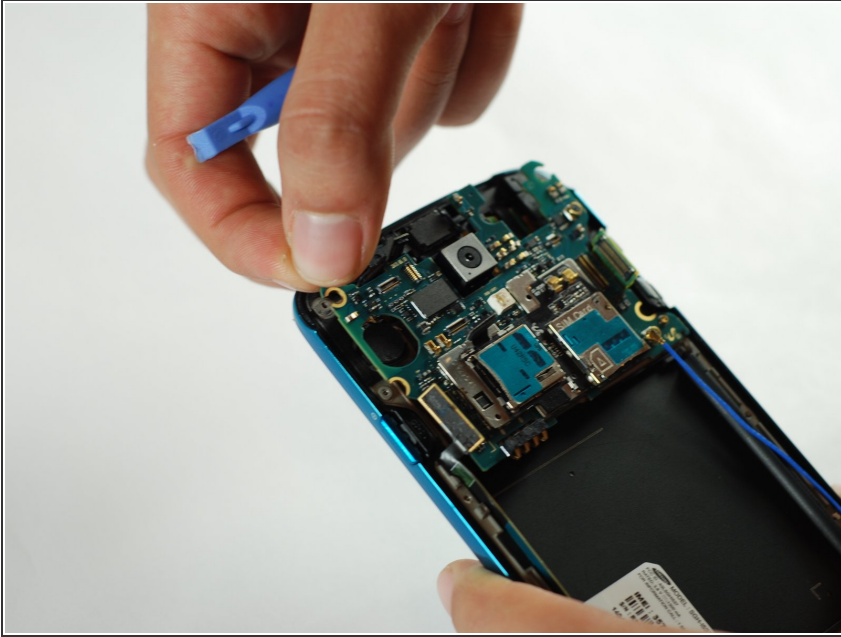
- Use the flat end of a plastic opening tool to disconnect the USB board connector.
- Disconnect the front-facing camera cable connector.
- Disconnect the earpiece speaker assembly cable connector.
- Disconnect the headphone jack assembly cable connector.
- Disconnect the display/digitizer cable connector.
- Disconnect the antenna cable connector.

Step 8



- Remove the single 2.4 mm Phillips #00 screw from the motherboard assembly.

Step 9



- Remove the motherboard.

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