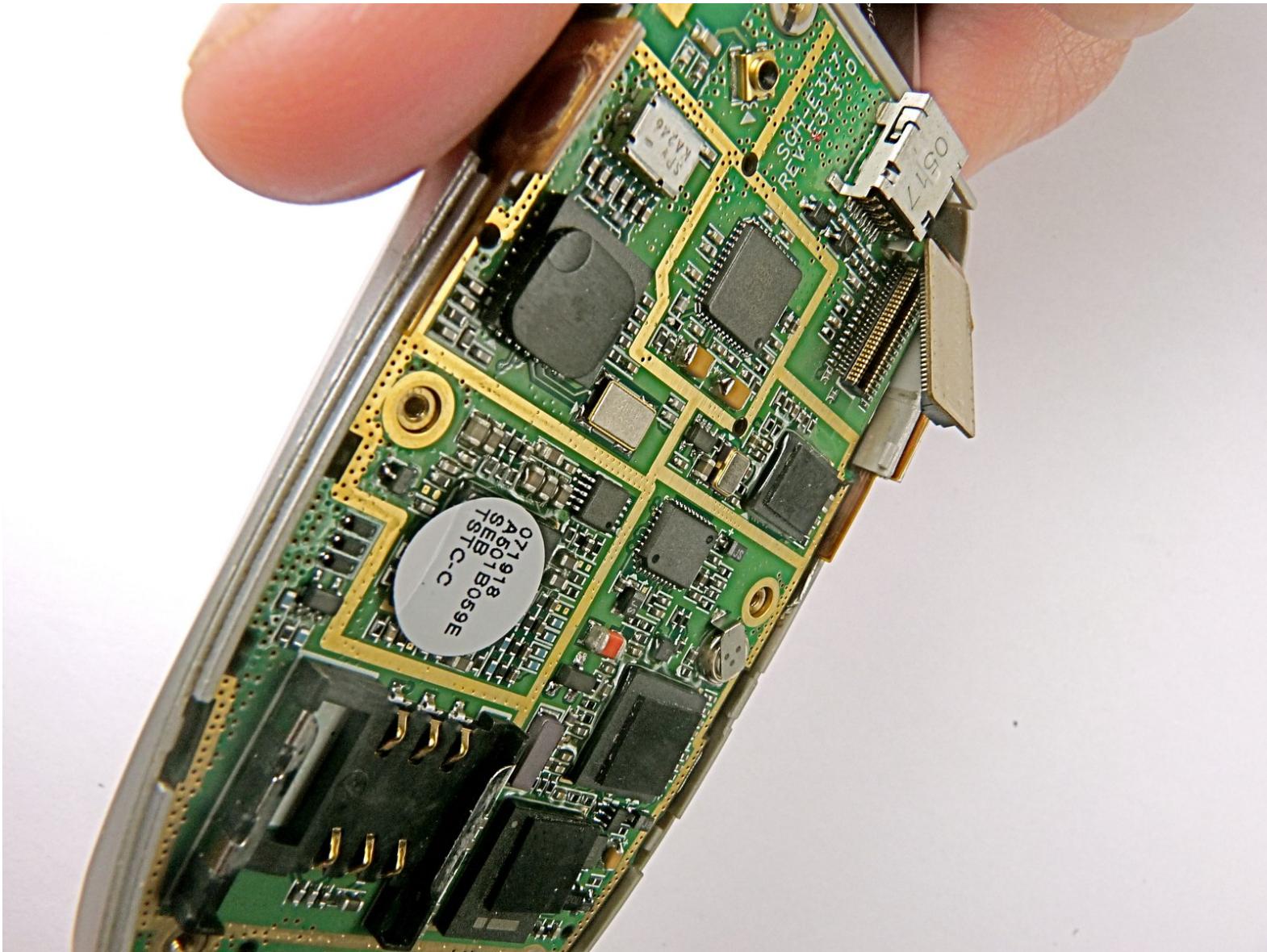




Samsung SGH-E317 Motherboard Replacement

So, you've tried everything and your phone still isn't working? Your motherboard most likely needs to be replaced.

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INTRODUCTION

The motherboard is the main electronic "heart" of the phone. Only proceed with this replacement if you have tried all other options to no avail.

TOOLS:

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

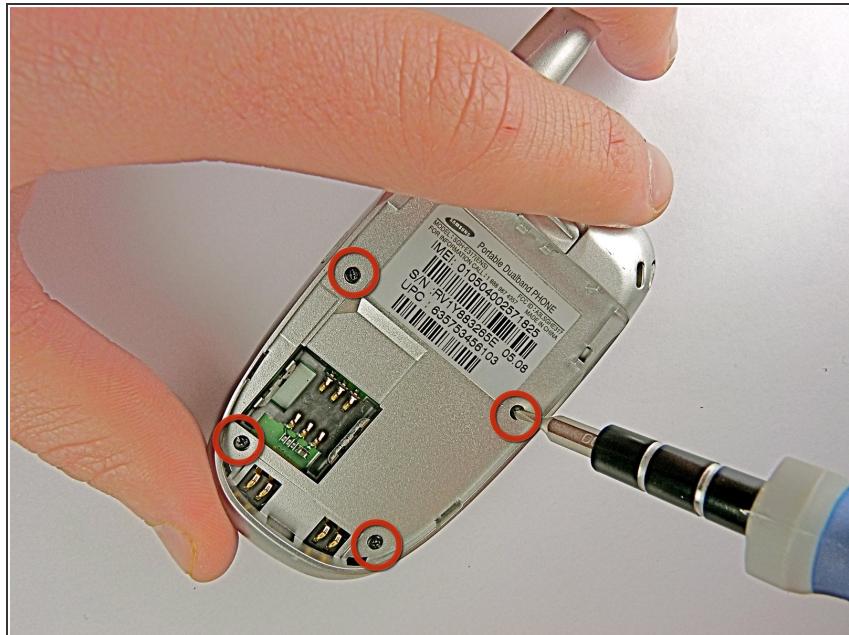
Step 1 — Battery



- Remove the back panel by pressing up on switch, located at the top on the back of the phone.

(i) You may want to use a plastic opening tool to help pry the back panel off.

Step 2 — Motherboard



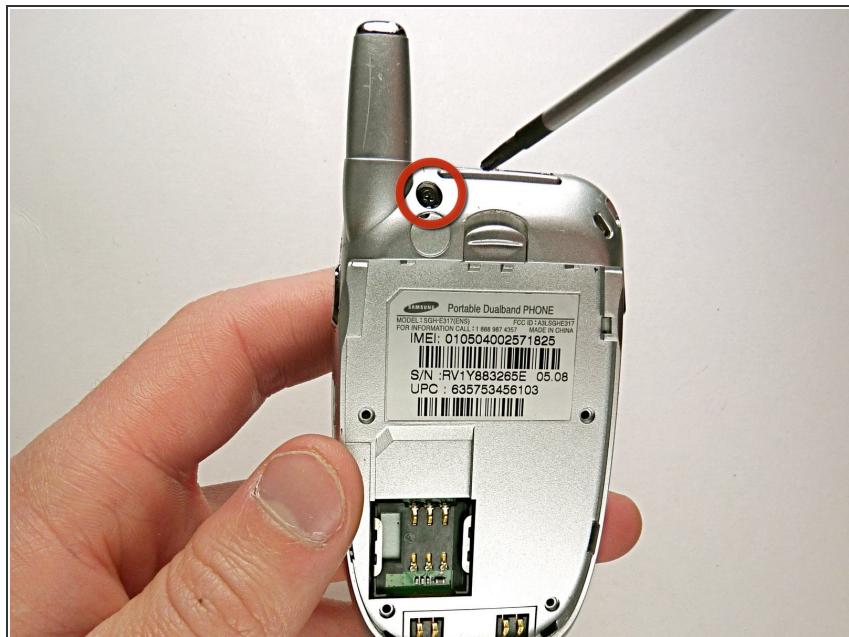
- Unscrew the four 4.5mm screws located on the back plate.

Step 3



- Remove the rubber screw cover using your fingernail.

Step 4



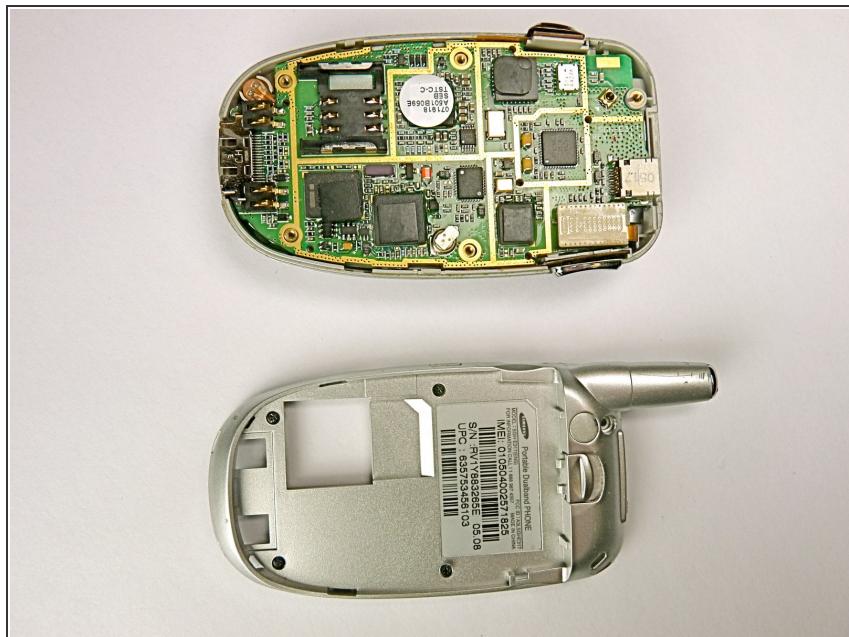
- Unscrew the 4.5mm screw located underneath the rubber cover.

Step 5



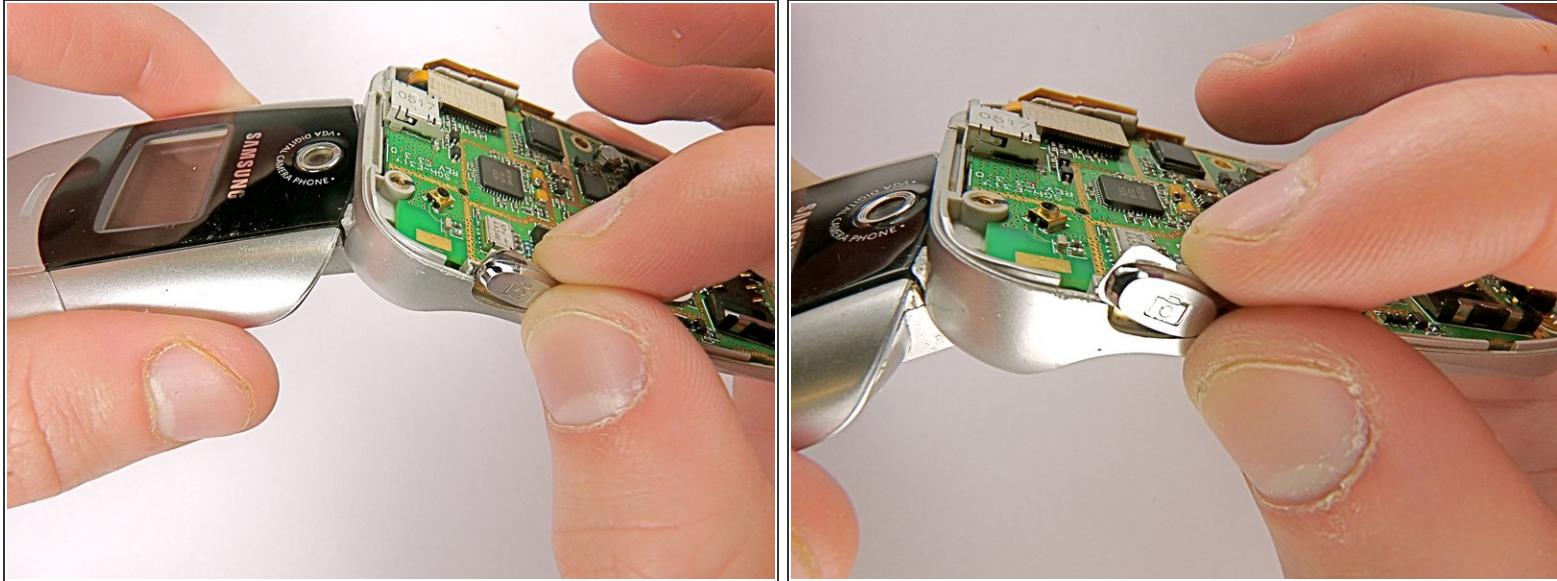
- Wedge the end of a plastic opening tool into the crack between the back panel and the phone.
- *(i)* The panel should come off without much effort.

Step 6



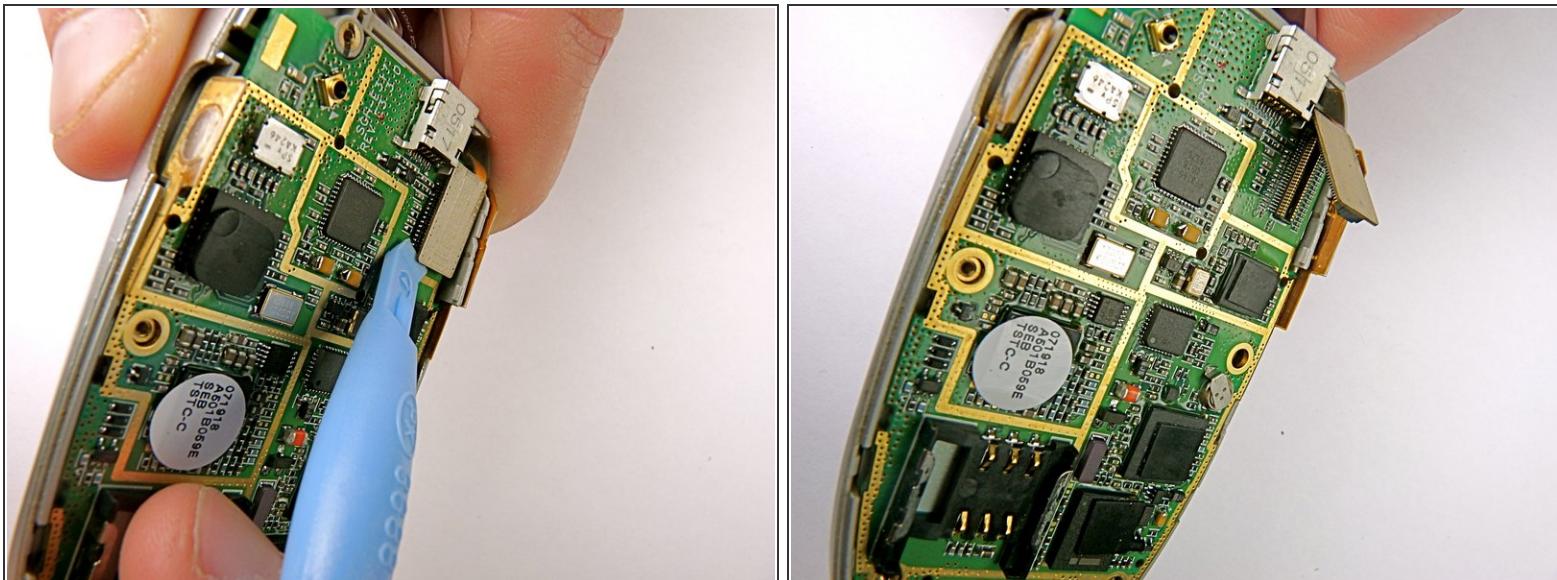
- With the back panel removed, the motherboard should be fully exposed.

Step 7



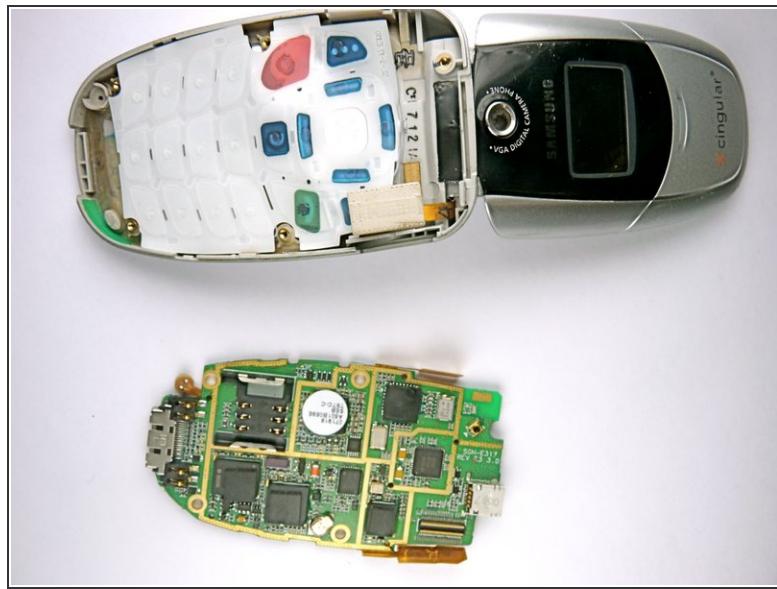
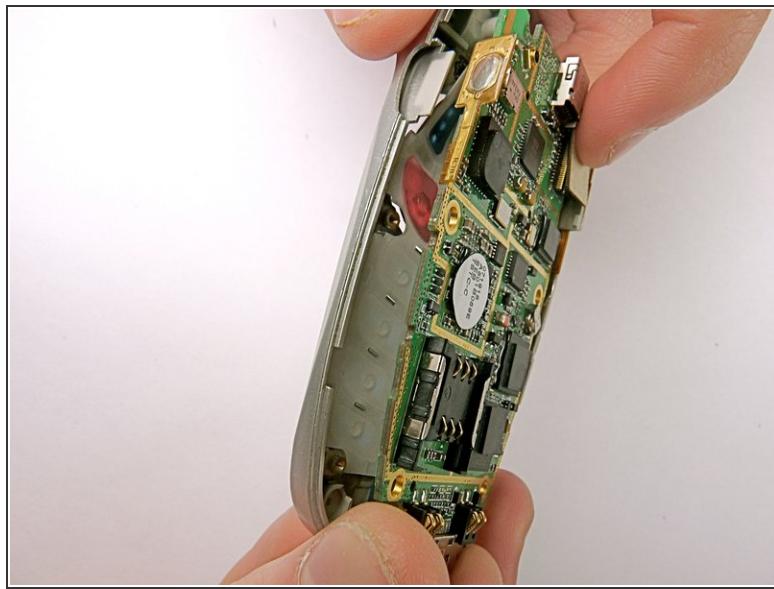
- Remove the camera and volume buttons and place them in a safe spot until reassembly.

Step 8



- Using a plastic opening tool, unplug the ribbon cable connecting the front LCDs to the motherboard.

Step 9



- Detach the motherboard by grabbing the edges of it and lifting it straight out of the phone.

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