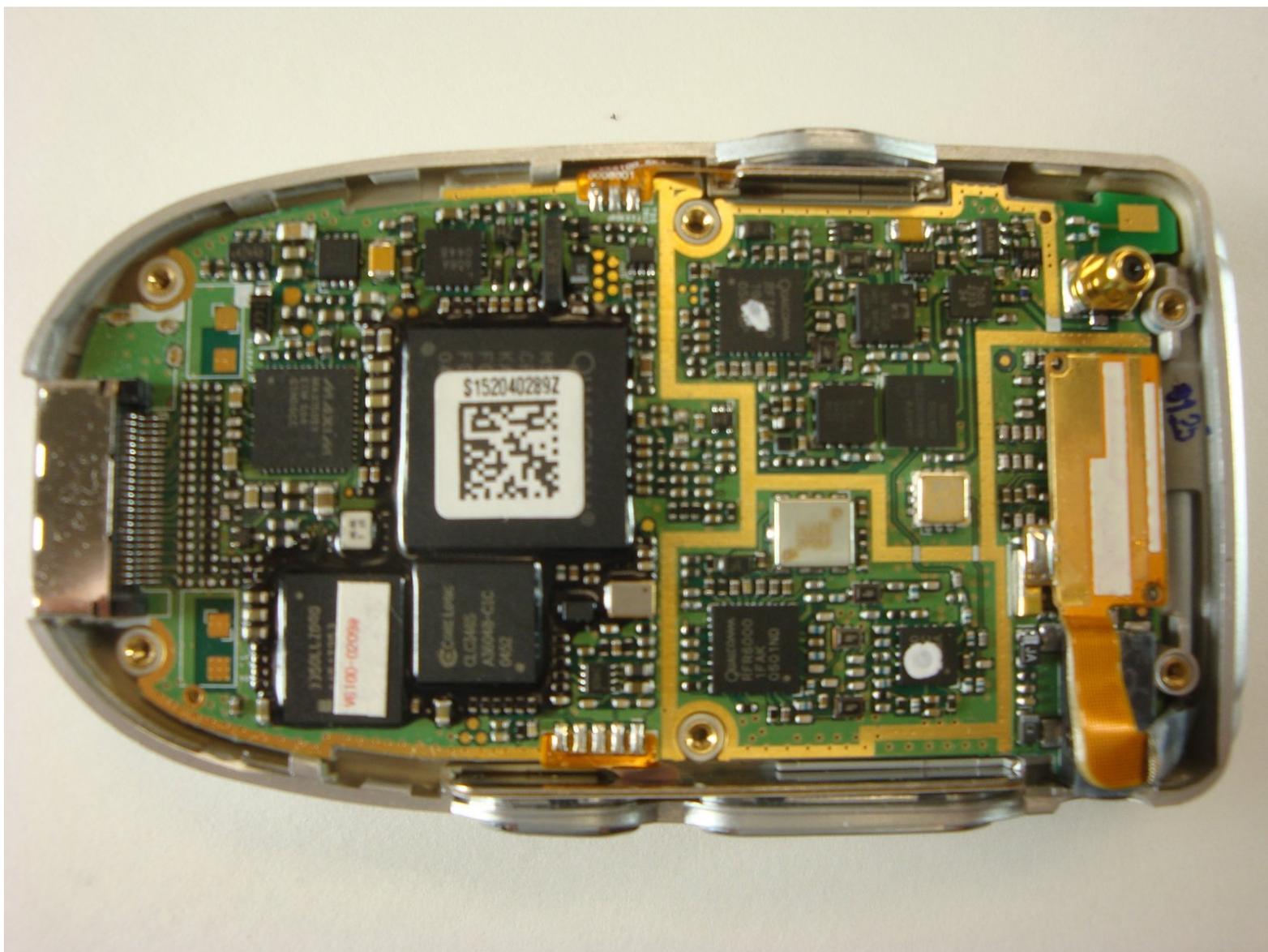




# LG VX6100 Logic Board Replacement

This guide will show you how to remove and replace the logic board.

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## INTRODUCTION

This guide goes step-by-step through the process of accessing the logic board. Each step in the guide is accompanied with clear pictures and instruction.

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### TOOLS:

- [Desoldering Braid](#) (1)
  - [Phillips #00 Screwdriver](#) (1)
  - [Large Needle Nose Pliers](#) (1)
  - [Push Pin](#) (1)
  - [Soldering Iron](#) (1)
  - [iFixit Opening Tools](#) (1)
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## Step 1 — Back Cover



- Push down on the gray "PUSH" button on the back side of the phone.
- Slide the back case downward. Then, lift and remove the case.

## Step 2



- Lift up on the battery to remove it from the case.

### Step 3



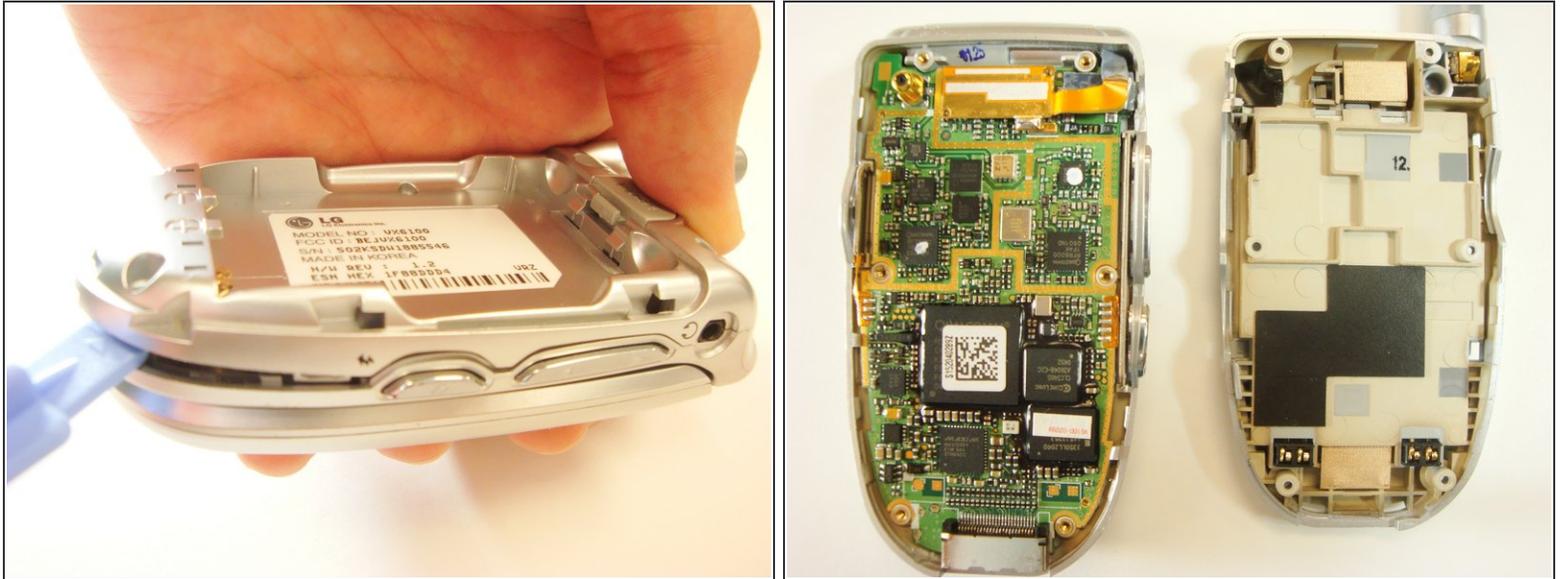
- Use a push-pin or tweezers to pry both of the tear-shaped screw covers out of the top of the phone.

### Step 4



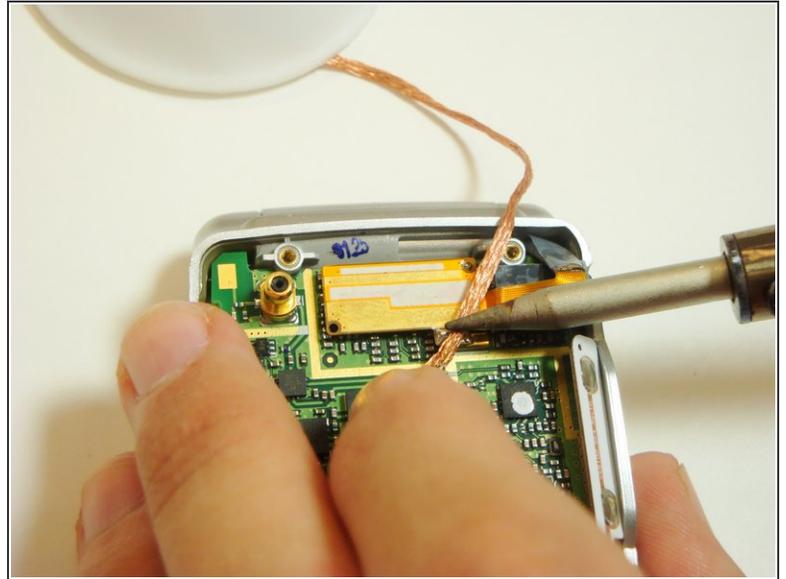
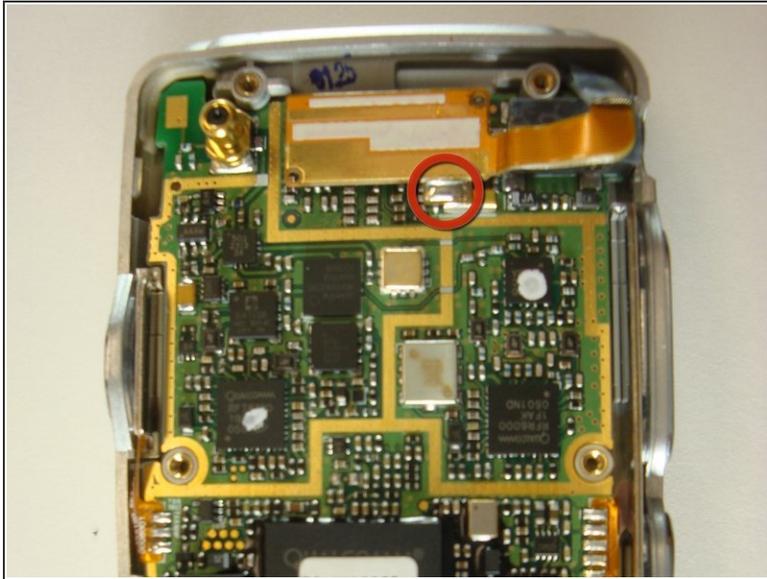
- Use a Phillips #00 screwdriver to unscrew the six case screws from the back of the phone.

## Step 5



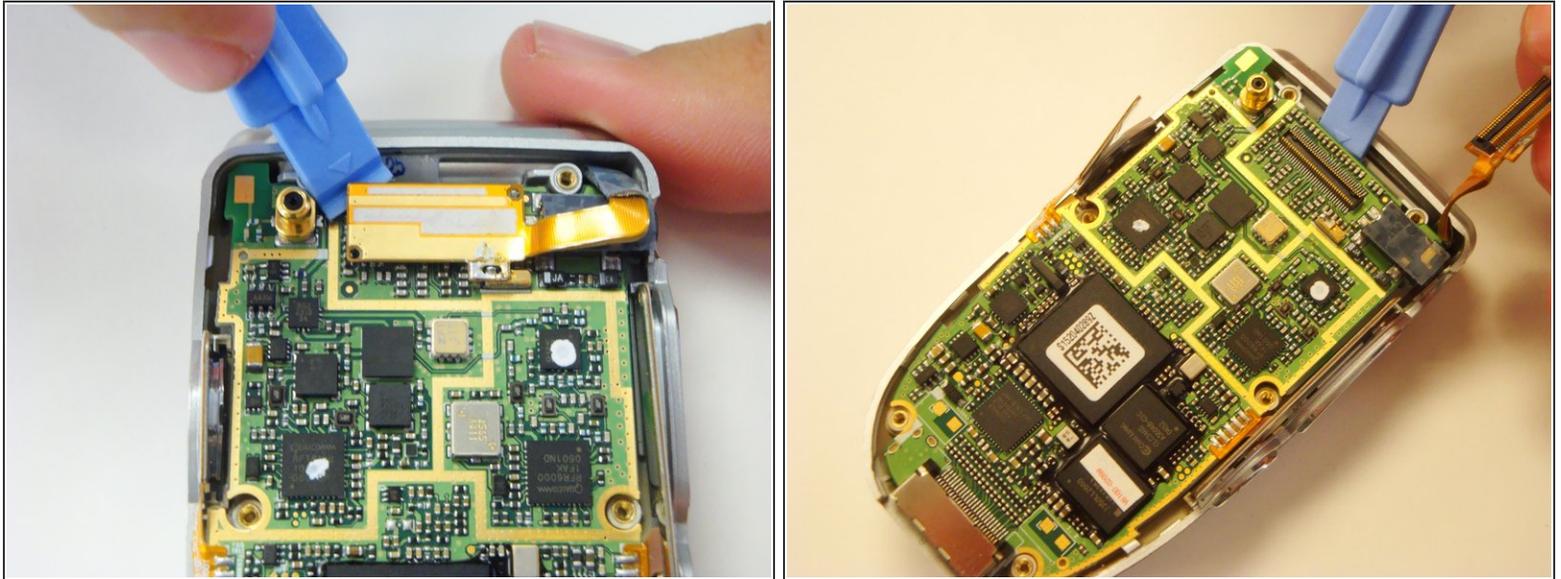
- Insert a plastic opener tool through the seam between the back case and the rest of the phone.
- Slowly slide the tool along the seam. Lift up on the back case while you do this until the back case comes apart.

## Step 6 — Logic Board



- Locate the solder joint on the top portion of the logic board. It will appear as a shiny silver bead of metal.
  - Place a piece of solder wick on top of the solder.
  - To [desolder](#) the connection, very carefully place the tip of the soldering iron on top of the solder wick. Hold it steady until the solder is soaked up into the solder wick.
- ⚠ The soldering iron will damage circuitry if held down for too long.
- Cut off the used solder wick with pliers and repeat above steps if any solder remains.

## Step 7



- Once the solder is gone, pry the copper piece off the logic board.
- You can then remove the logic board from the case.

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