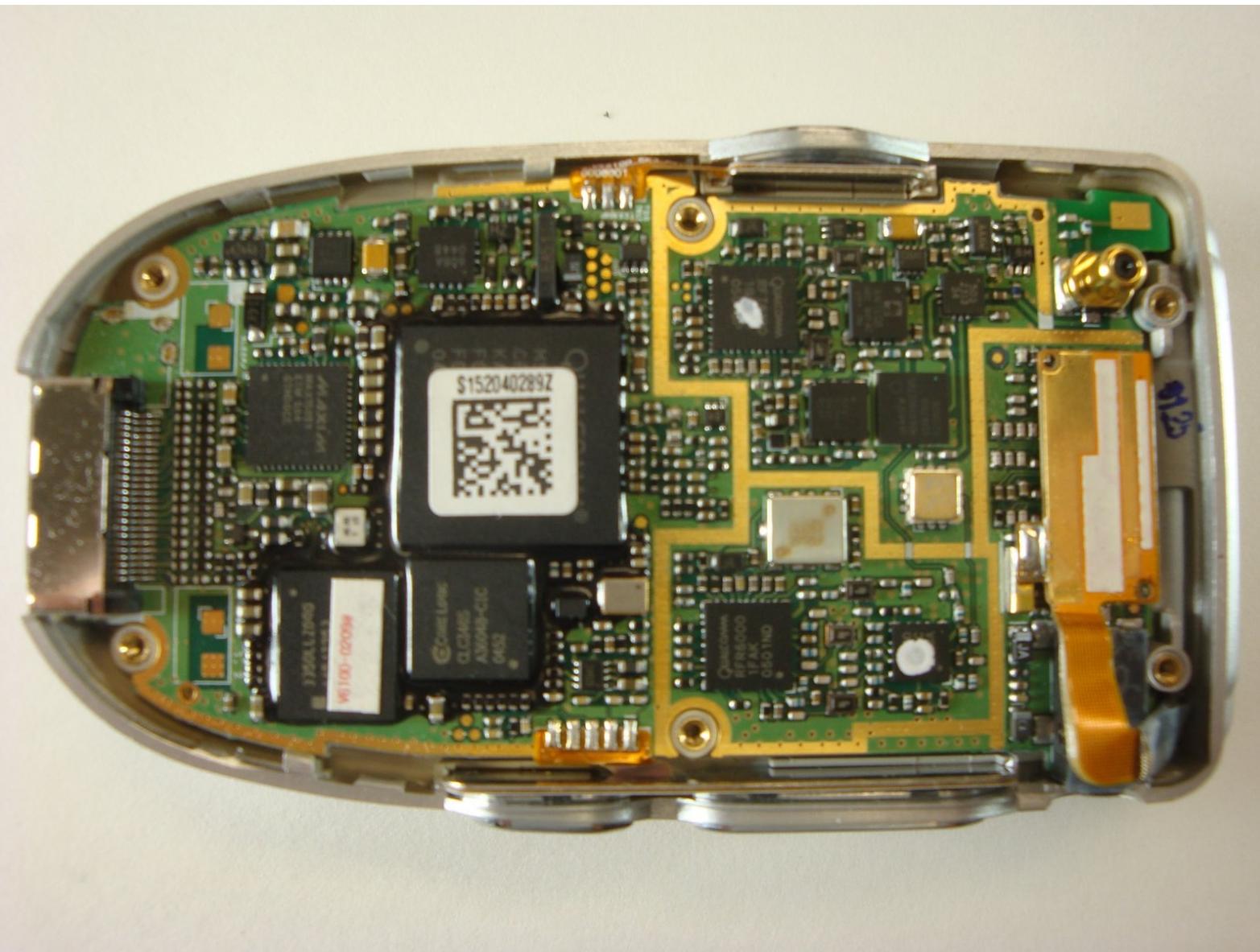




# LG VX6100 Logic Board Replacement

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.

### TOOLS:

- Desoldering Braid (1)
- Phillips #00 Screwdriver (1)
- Large Needle Nose Pliers (1)
- Push Pin (1)
- Soldering Iron (1)
- iFixit Opening Tools (1)

## Step 1 — Back Cover



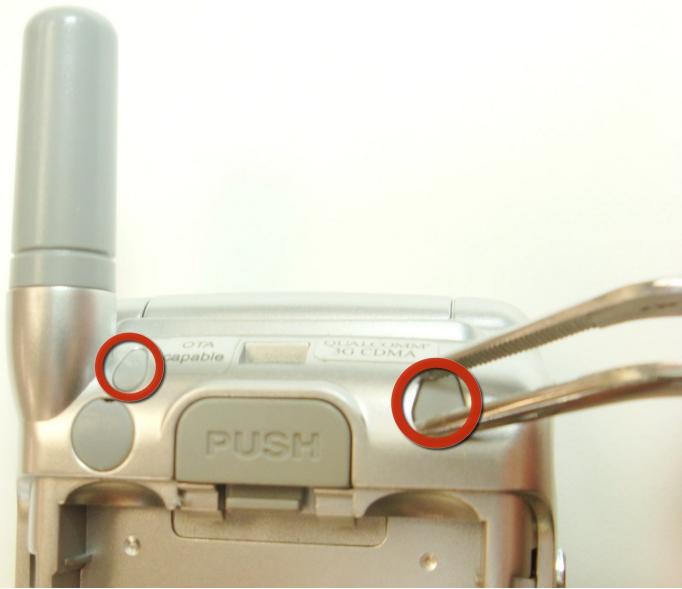
- Push down on the gray "PUSH" button on the back side of the phone.
- Slide the back case downward. Then, lift and remove the case.

## Step 2



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

## Step 3



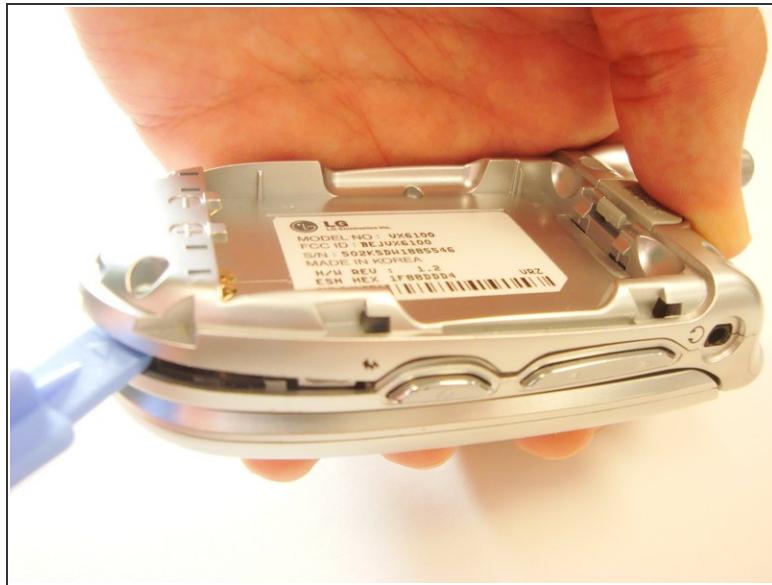
- Use a push-pin or tweezers to pry both of the tear-shaped screw covers out of the top of the phone.

## Step 4



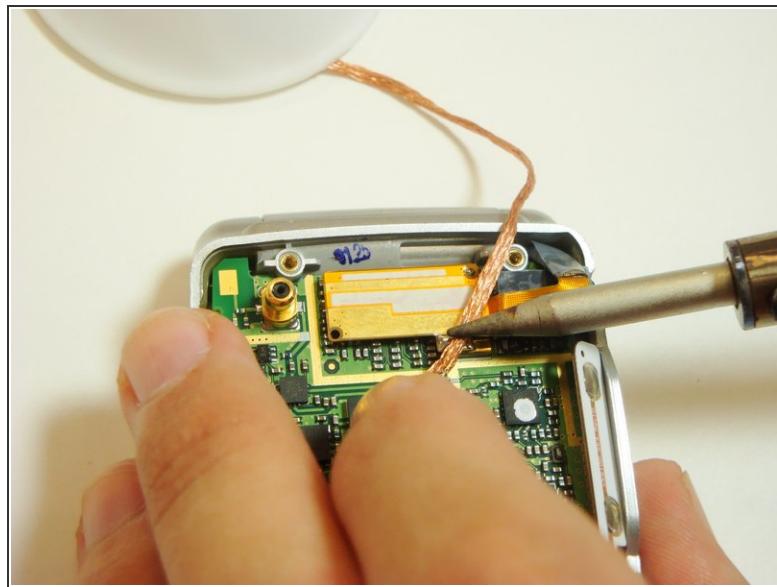
- Use a Phillips #00 screwdriver to unscrew the six case screws from the back of the phone.

## 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

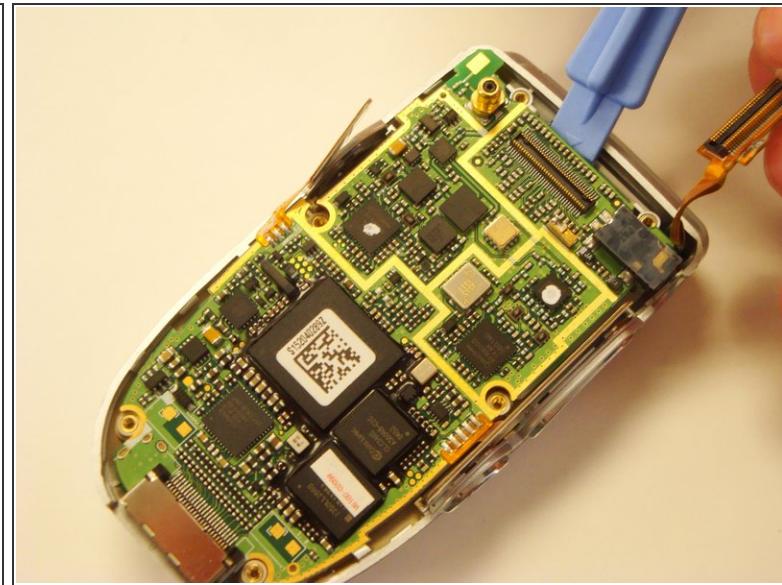
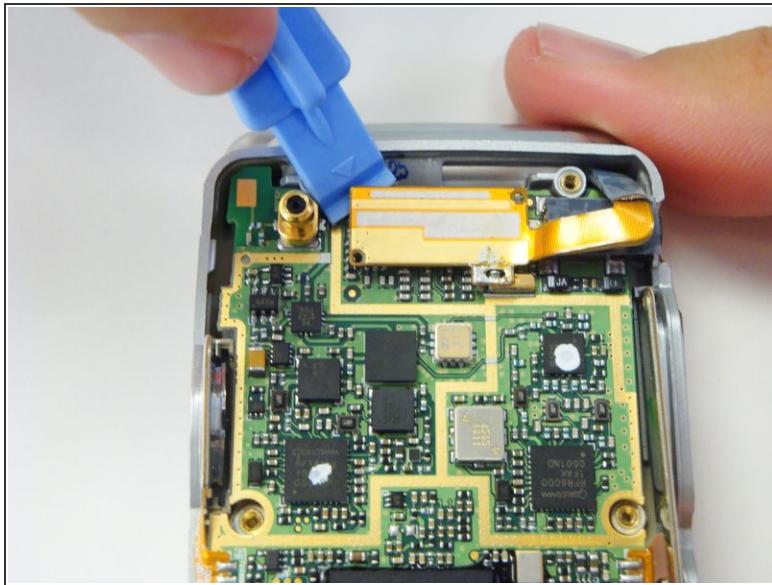


- Locate the solder joint on the top portion of the logic board. It will appear as a shiny silver bead of metal.
- Place a piece of solder wick on top of the solder.
- To [desolder](#) the connection, very carefully place the tip of the soldering iron on top of the solder wick. Hold it steady until the 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.