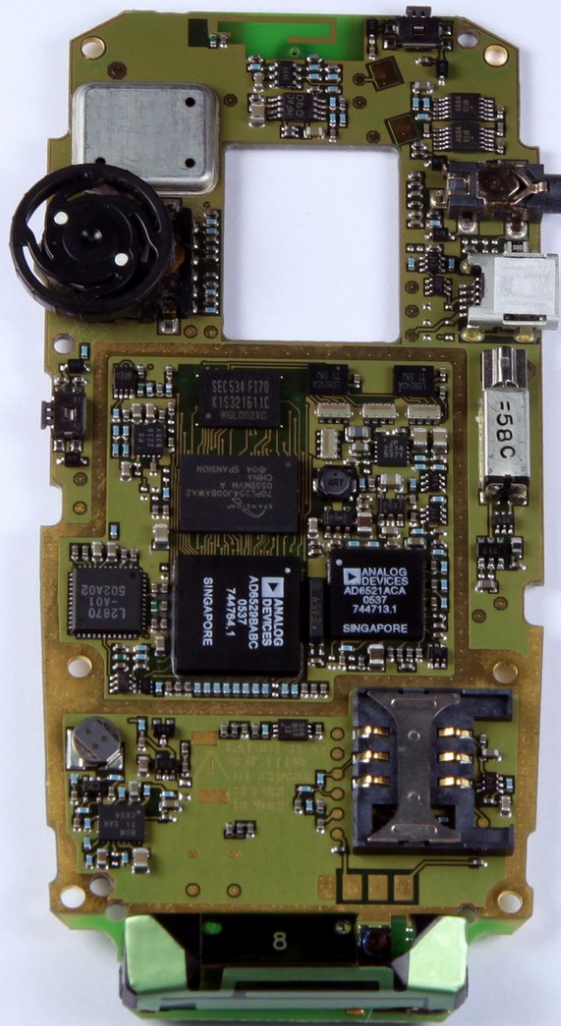




# BlackBerry 7100g Motherboard Replacement

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# INTRODUCTION

This guide explains how to replace the motherboard for your BlackBerry 7100g.

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## TOOLS:

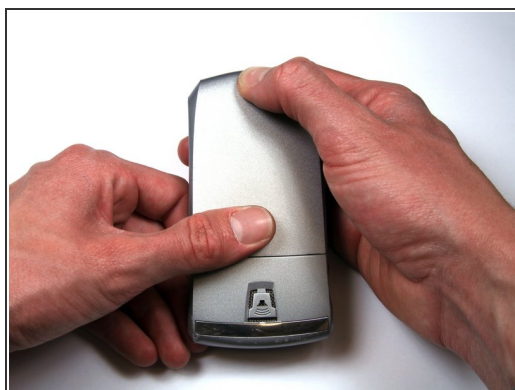
- [Spudger](#) (1)
  - [T6 Torx Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
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## Step 1 — Battery



- Turn over your BlackBerry 7100g so that the back cover is facing up.
- Locate the battery cover release button near the bottom of the back panel.

## Step 2



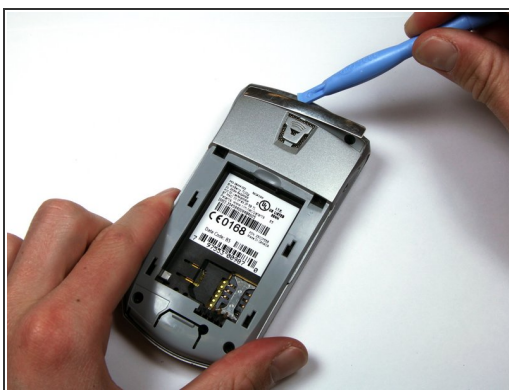
- Push down on the release button with one thumb.
- Slide the battery cover off with the other thumb.

### Step 3



- Remove the battery from the battery housing by flipping up the top of the battery.

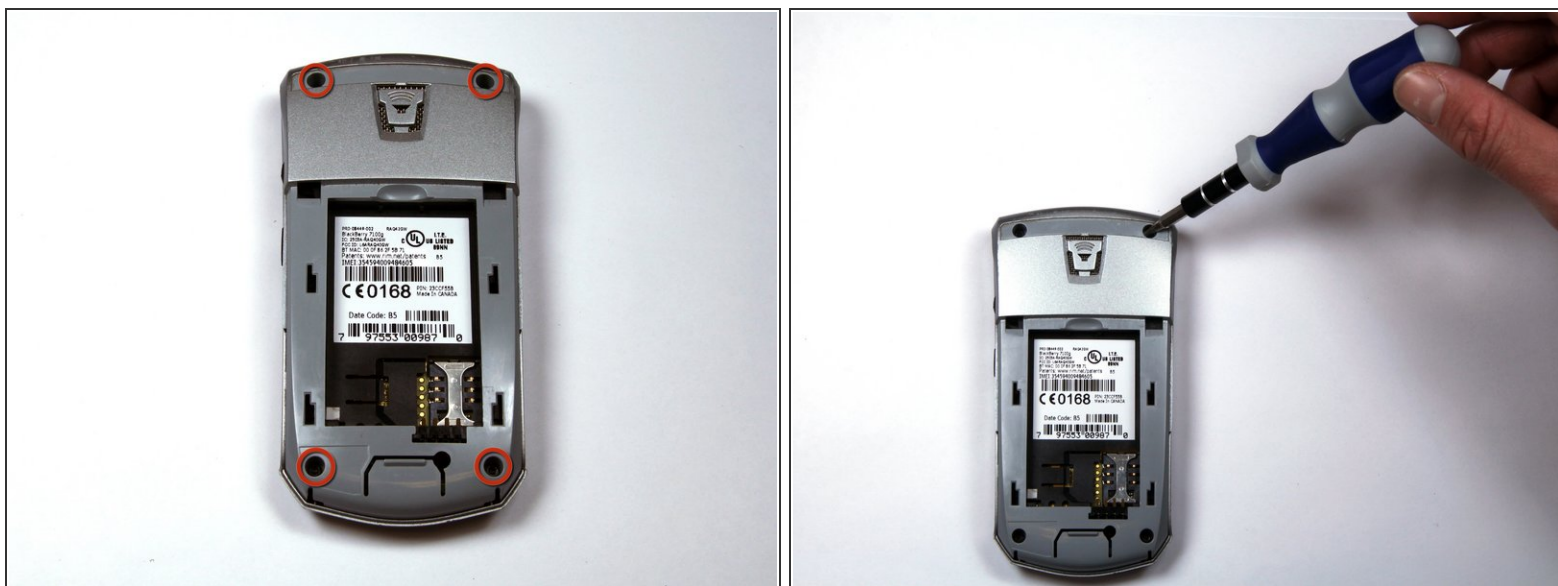
### Step 4 — Housing



- Locate the silver strip near the top of your BlackBerry.
- Use a plastic opening tool to pry off the edge of the silver lining.
- Slide the tool along the length of the silver strip to completely remove it.



## Step 5



**i** Do not lose the screws. They are quite small and can easily be misplaced.

- Locate and unscrew the four (4) screws using a T6 screwdriver.

## Step 6



**i** The keypad cover may fall out of the housing when prying the housing apart.

- Tightly pinch the top of the front and back halves of the housing.
- Carefully pry the two halves of the housing apart.

## Step 7



- You can now easily remove the "guts" of the phone from the housing.

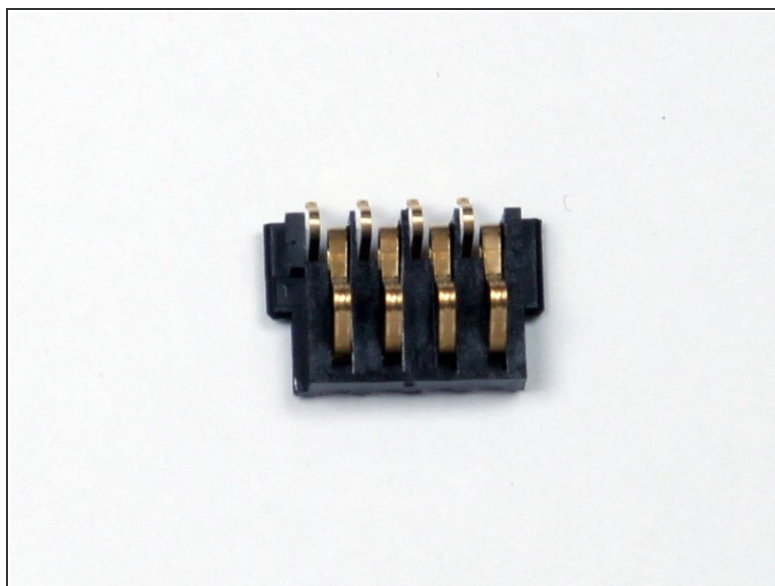
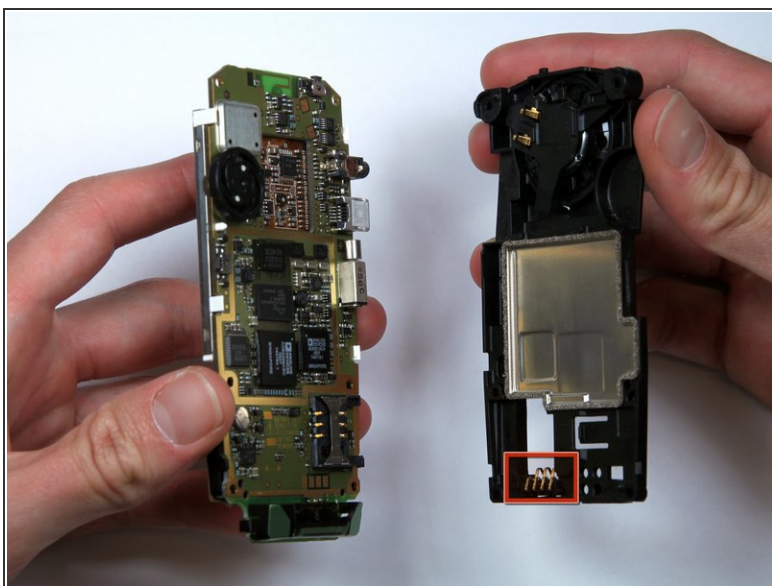
## Step 8 — Battery Housing / Speaker



- Turn over the motherboard so that the speaker is facing up.
- Locate and unscrew the four (4) screws near the bottom of the motherboard, using a T6 screwdriver.

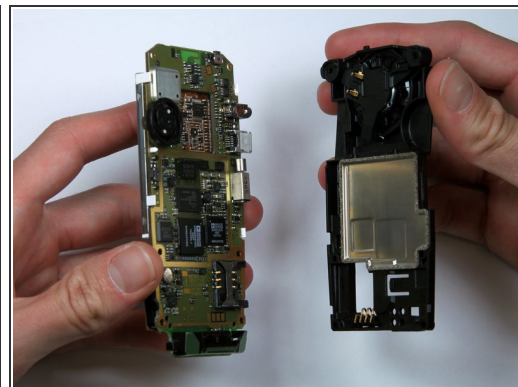


## Step 9



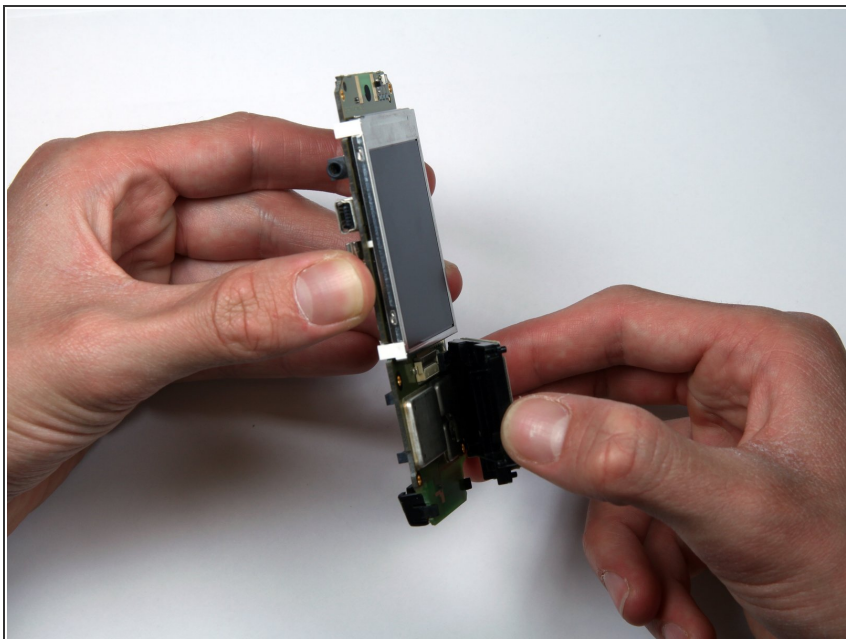
- i** The battery terminal is separate from the battery housing.
- Do NOT get rid of the terminal if replacing the battery housing and/or the speaker.
  - The terminal will slide out of the housing.

## Step 10 — Keypad



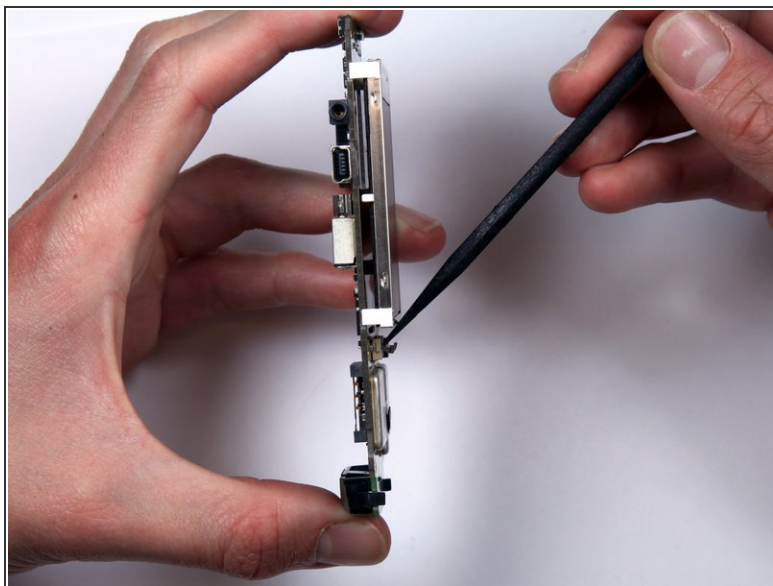
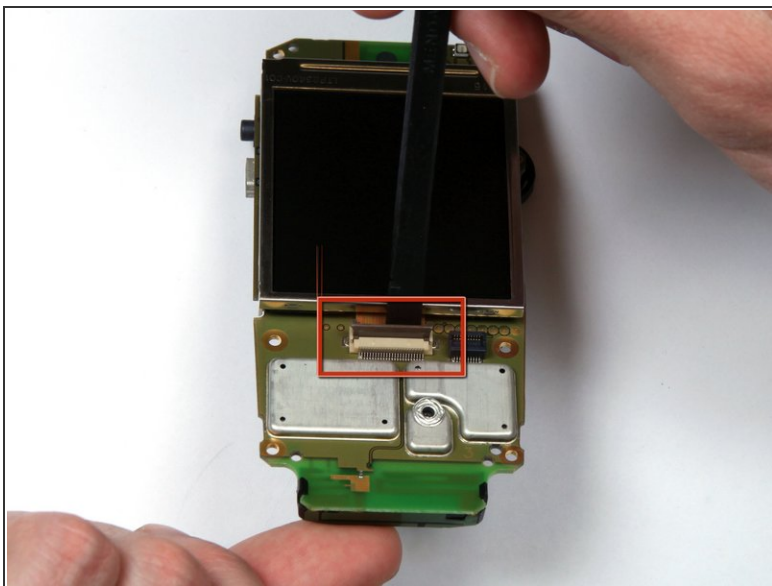
- Turn the "guts" over so the speaker is facing up.
- Locate and unscrew the four (4) screws near the bottom of the motherboard, using a T6 screwdriver.
- Separate the battery housing from the motherboard.

## Step 11



- Pull the keypad off of the motherboard.
- ⓘ It should come off with little effort. If not, there are several tabs that can be released on either side of the keypad.

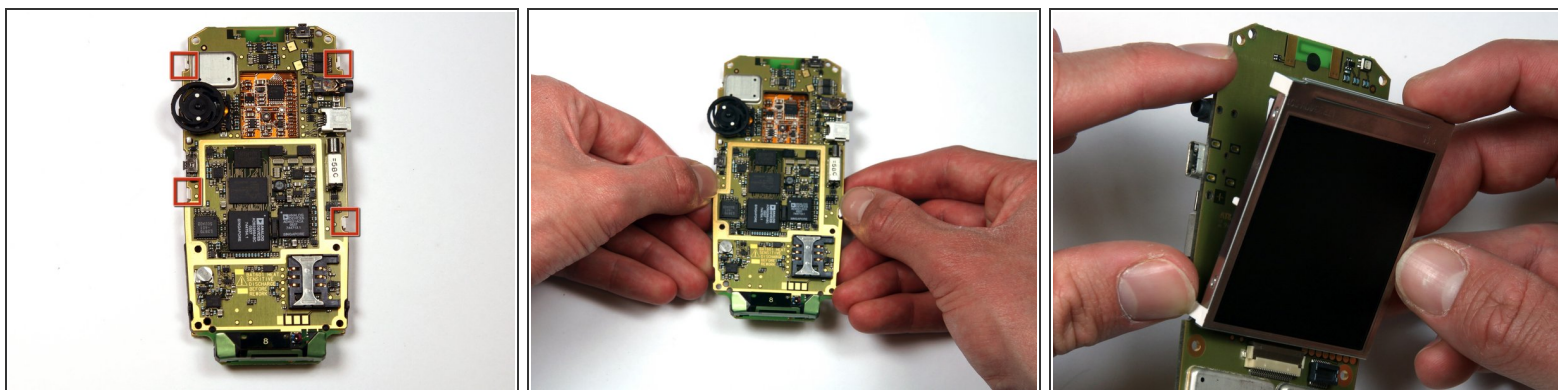
## Step 12 — Screen



- Locate the ribbon connector below the bottom of the screen.
- Use a spudger to flip up the connector.

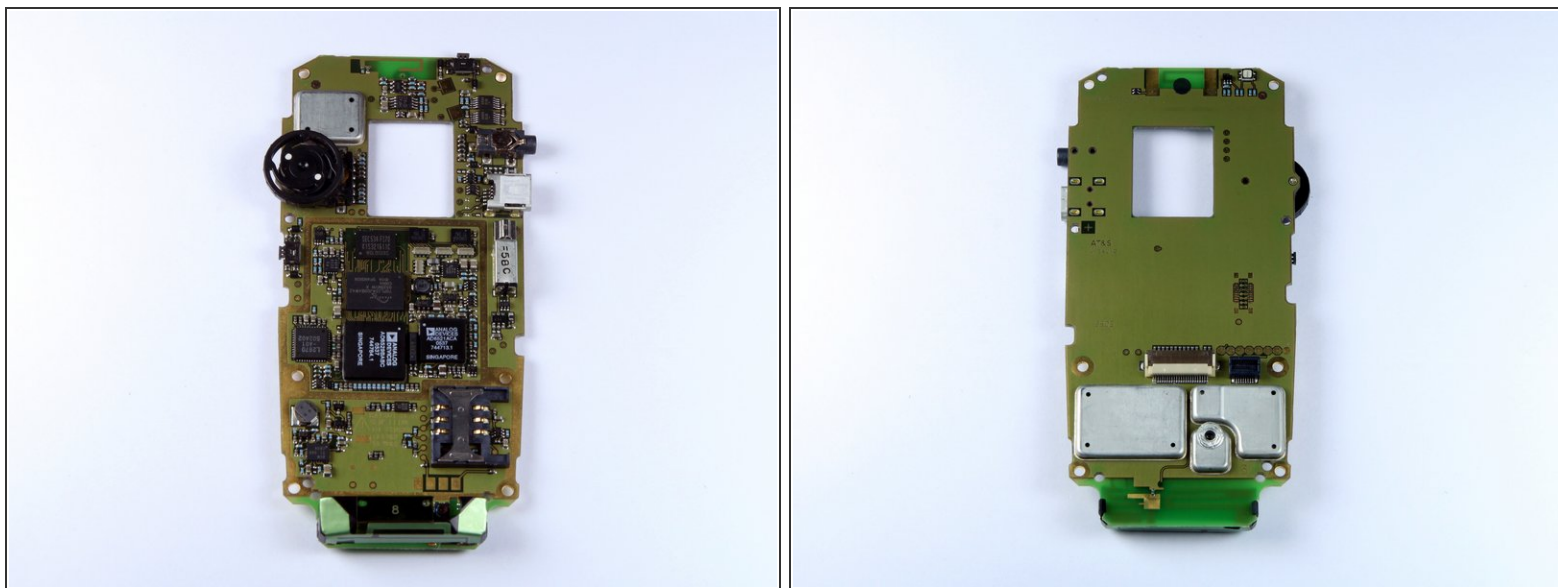


## Step 13



- Locate the four (4) white tabs that attach the screen to the motherboard.
- Carefully detach the tabs from the motherboard.
- The screen can now be removed from the motherboard.

## Step 14 — Motherboard



- You have successfully removed the motherboard.

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