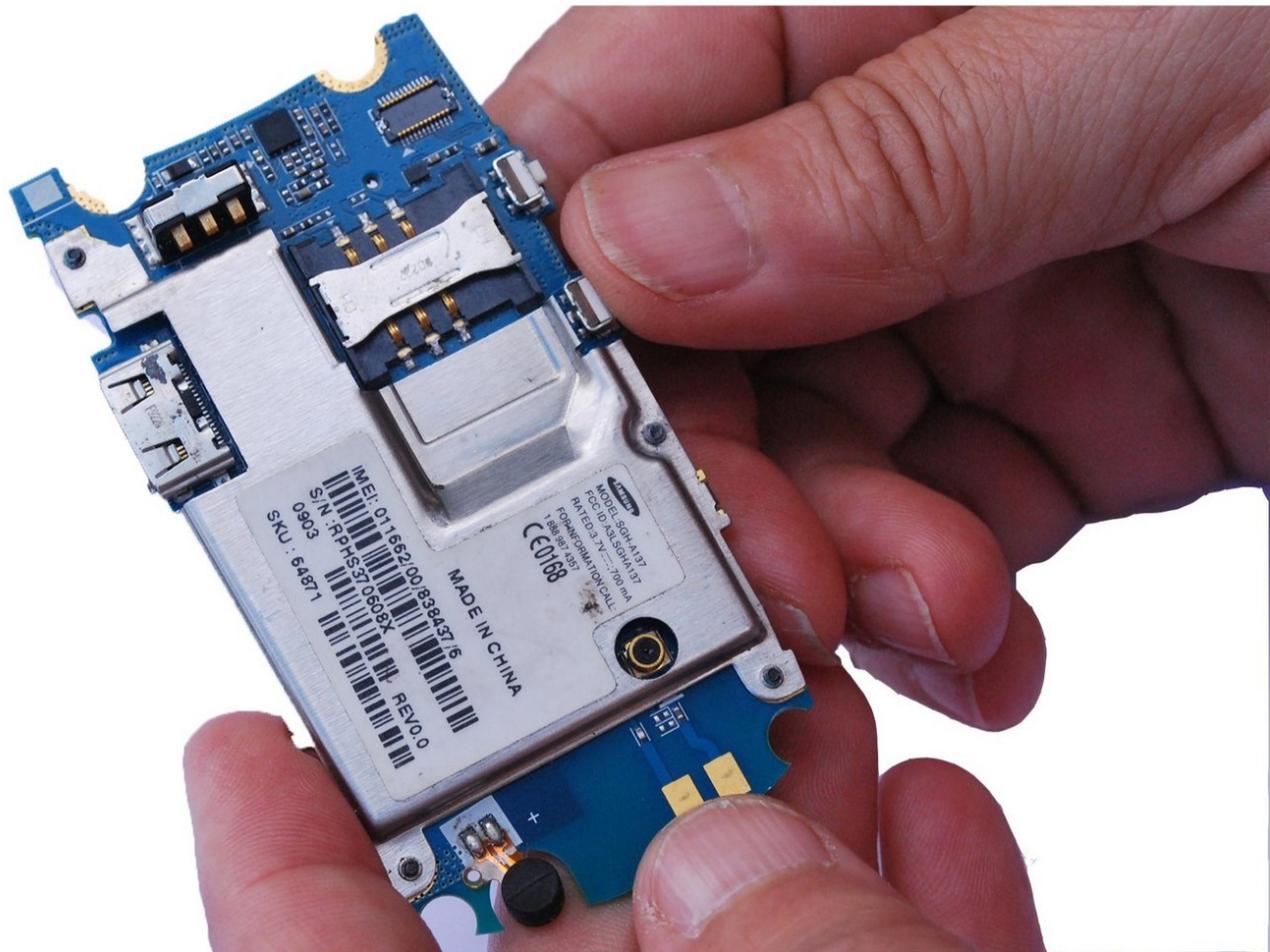




# Samsung SGH-A137 Motherboard Replacement

This guide will provide step-by-step instructions on how to replace the motherboard of a Samsung SGH-A137 flip phone.

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## INTRODUCTION

In rare occurrences the motherboard of a phone can malfunction and will need to be replaced. This can happen for a variety of reasons but most common are dropping the phone or allowing dirt and debris to compromise the device. This replacement is relatively easy, but you might encounter some resistance when removing the back casing. Take your time and don't rush through the steps as you don't want to break anything.

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### TOOLS:

- [iFixit Opening Tools](#) (1)
  - [Phillips #000 Screwdriver](#) (1)
  - [Spudger](#) (1)
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## Step 1 — Battery



- Use your thumbs to pull down on the back cover to remove it and expose the battery.

## Step 2



- Locate the indent in the case below the battery. (see red square)
- Place your finger at the indent and pull up on the battery to remove it.

### Step 3 — Motherboard



- Locate the 4 screw holes and remove the 0.4 mm Phillips head screws using a #000 Phillips head screwdriver. (See red circles)

### Step 4



- Using a plastic opening tool, gently pry open the back of the phone at the seam.
- ⚠ Carefully work the tool all the way around the opening while prying up to avoid breaking the plastic retaining clips.

## Step 5



- i Smaller press-fit connectors may require a simple flick with a plastic opening tool or spudger.
  - Place the flat edge of a spudger under the edge of the press-fit connector and , gently pry the connector straight up from its socket. (Highlighted by the red square)

## Step 6



- Using a plastic opening tool, gently pry up the motherboard.
- i You might need to pry from several different locations to get the motherboard loose enough to remove.

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