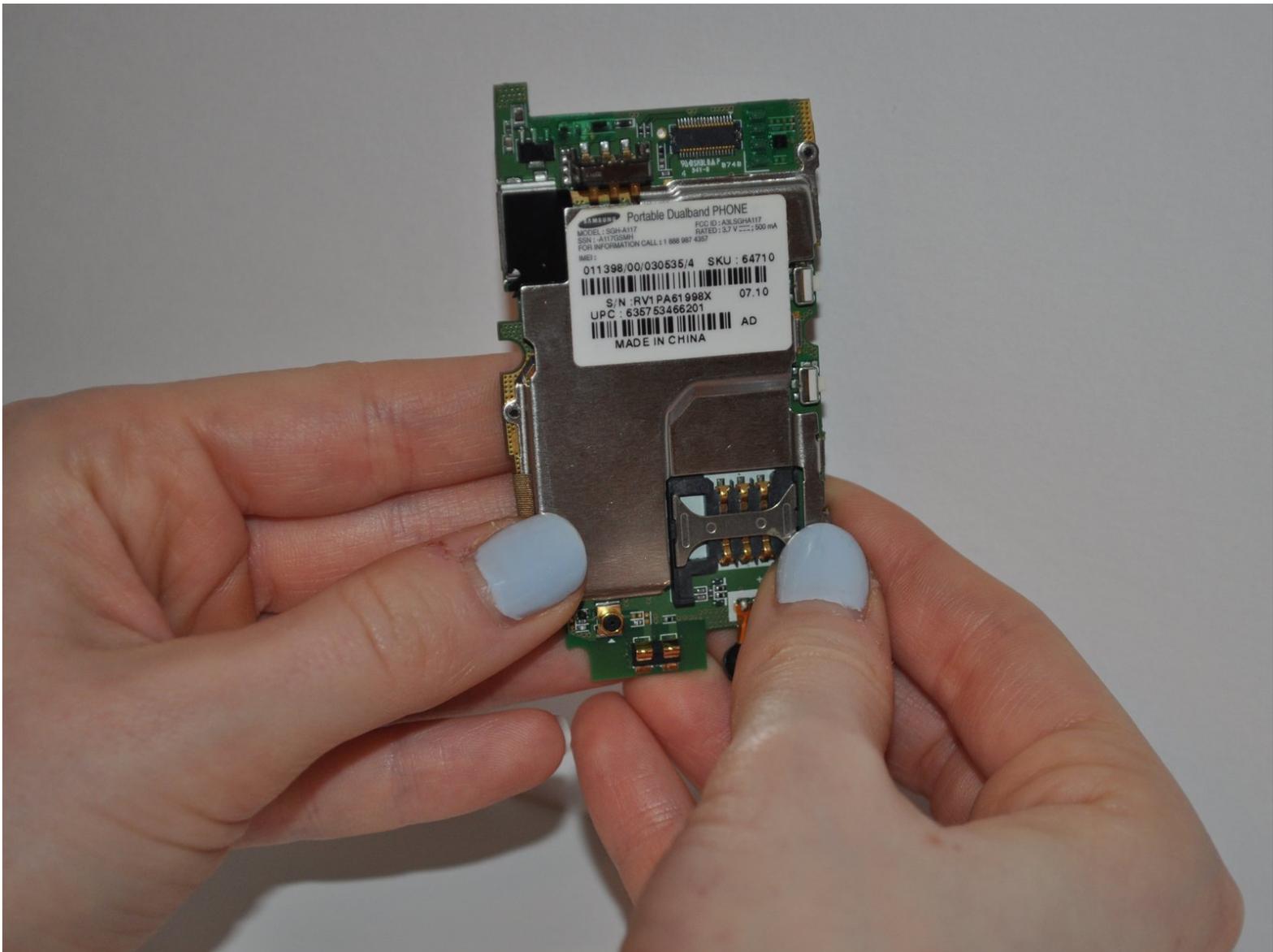




# Samsung SGH-A117 Motherboard Replacement

This guide will provide step-by-step instructions on how to replace the motherboard of a Samsung SGH-A117 flip phone.

Written By: Stephanie Isaac



This document was generated on 2020-11-17 05:06:57 PM (MST).

## INTRODUCTION

The motherboard of this flip phone can become faulty for no reason at all, other than just becoming old over time. Sometimes, dirt and debris can creep its way under the motherboard causing it to malfunction. The process of replacing the motherboard is not too challenging but does require patience and focus.



### TOOLS:

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



### PARTS:

- [Samsung SGH-A117 Motherboard](#) (1)

## Step 1 — Battery



- Remove the battery by pressing the battery lock down and slide the battery cover away.

## Step 2



- Lift the bottom of the battery and then move it up and away.

### Step 3 — Motherboard



- Locate the 4 screws holes on the phone and remove them with the #000 Philips Head screwdriver. (See red circles)

### Step 4



- Using the plastic opening tool, gently pry open the back piece of the phone.
- ⚠ Make sure to do this very carefully, as the back part of the phone is very thin and fragile.

## Step 5



- i Use the metal prying tool to gently flick up the rectangular connector. (Because this device is on the smaller side, the rectangular connector may only need a simple flick with the prying tool)
- Simply flick the rectangular connector up from its socket. (Highlighted by the red square)

## Step 6



- Use the plastic opening tool to gently pry up the motherboard.
- i You may need to pry the motherboard up from several angles in order to remove it.

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