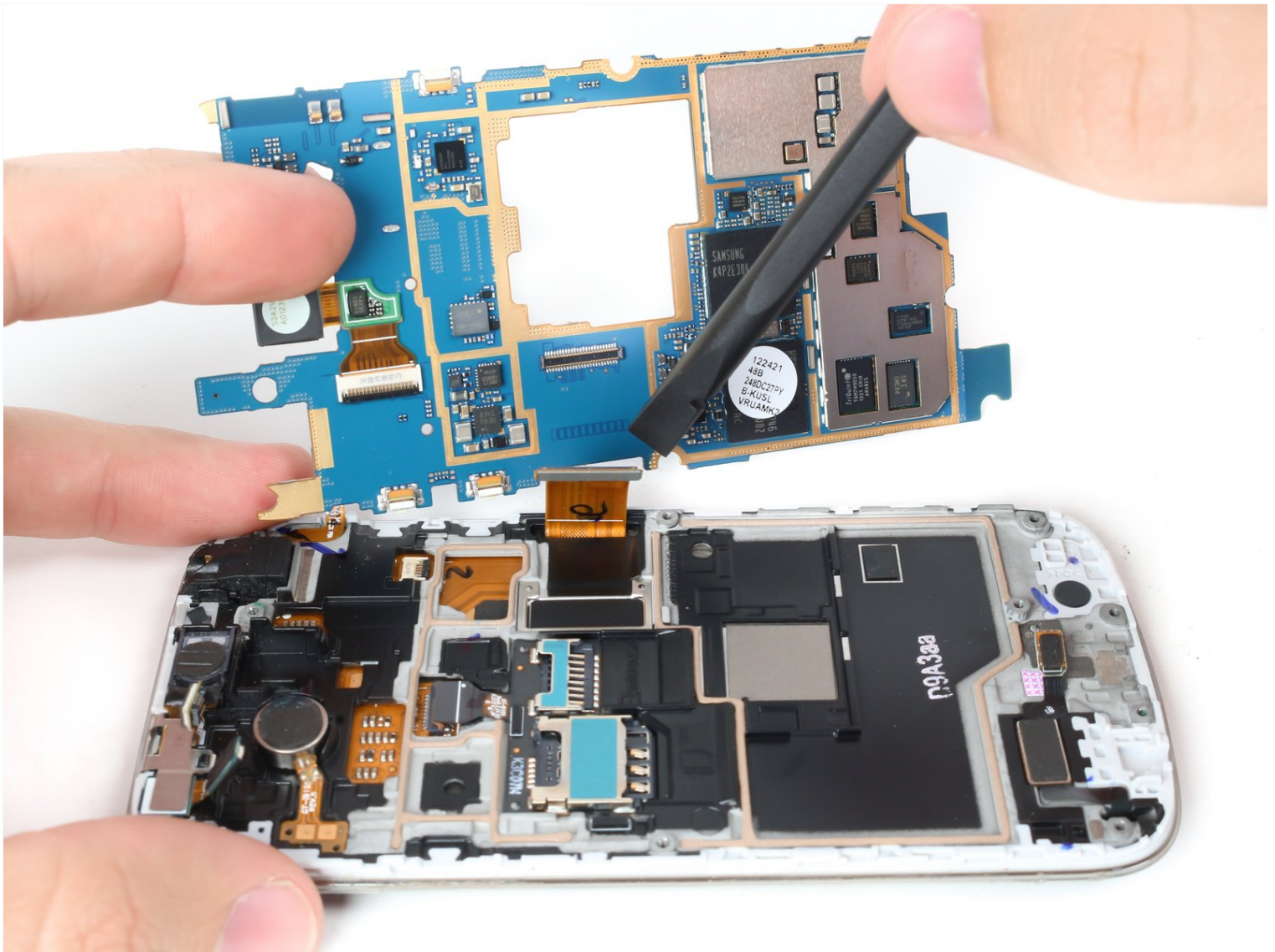




# Samsung Galaxy S4 Mini Motherboard Replacement [Verizon]

This motherboard replacement guide applies to...

Written By: Richard



# INTRODUCTION

This motherboard replacement guide applies to the Verizon Samsung Galaxy S4 Mini, model number SCH-I435.



## TOOLS:

[iFixit Opening Tool](#) (1)  
[Spudger](#) (1)  
[Phillips #00 Screwdriver](#) (1)  
[Tweezers](#) (1)



## PARTS:

[Galaxy S4 Mini Motherboard \(Verizon\)](#) (1)

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## Step 1 — Battery



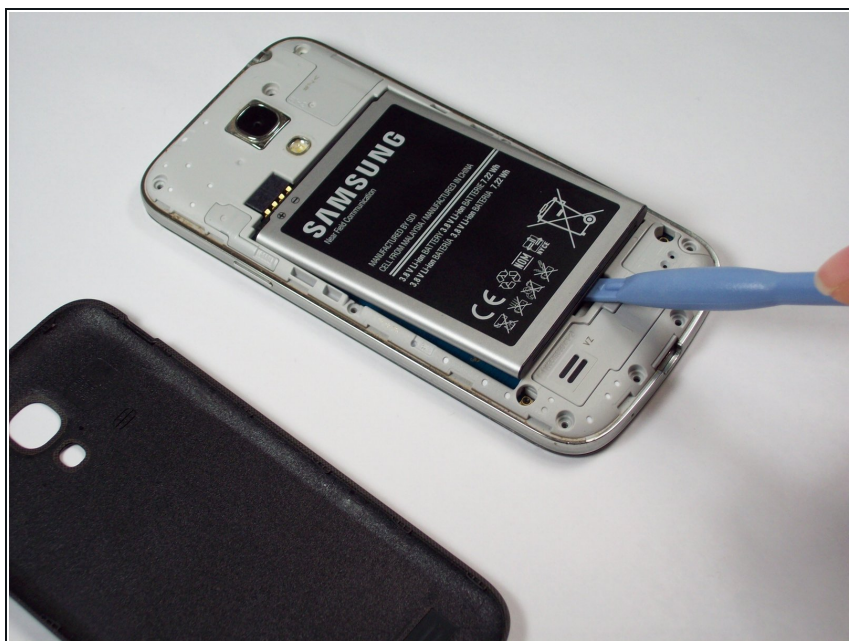
- Press and hold the END key to power the phone down.

## Step 2



- Remove the back cover of the cell phone using a plastic opening tool.

## Step 3



- Pry the battery out using a plastic opening tool.

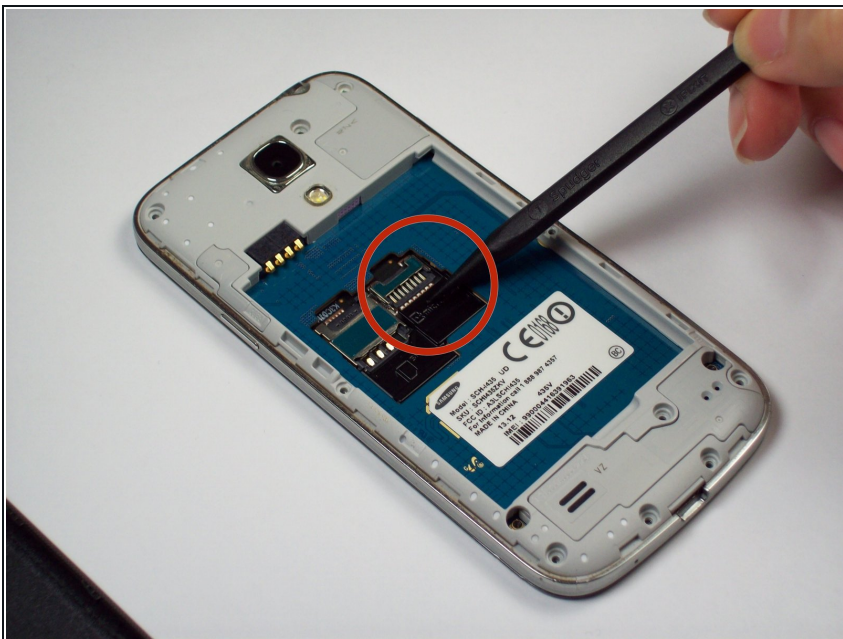


## Step 4 — SIM Card



- Using tweezers, remove the SIM card by sliding it towards the bottom of the device.

## Step 5 — SD Card



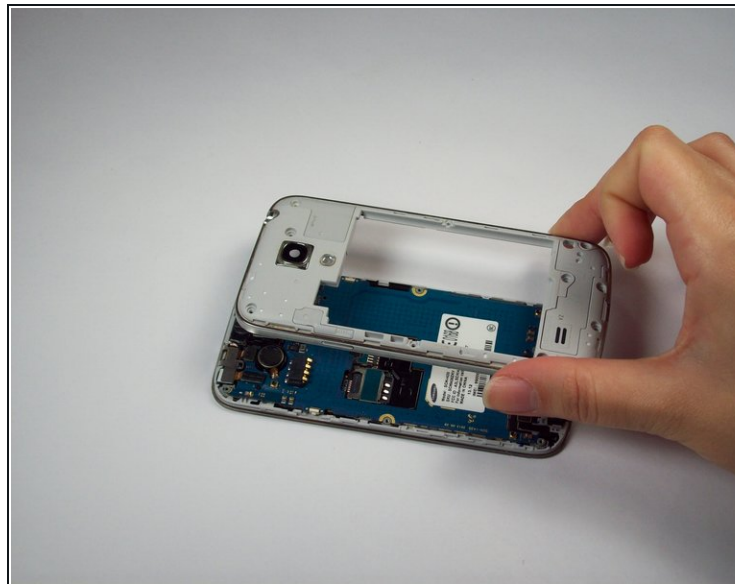
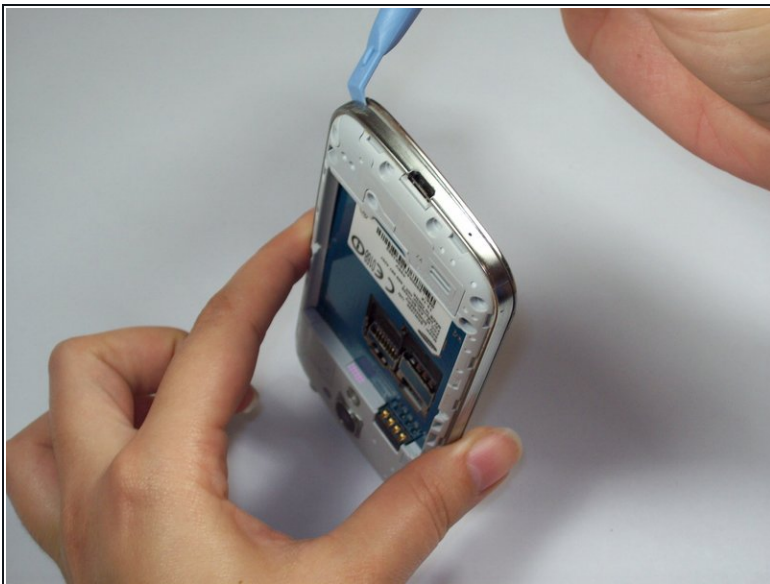
- Using a nylon spudger, push through the hole at the top of the memory card holder to slide it out.

## Step 6 — Motherboard [Verizon]



- Remove the ten 4.0 mm screws on the back of the phone using the #00 Phillips screwdriver.

## Step 7



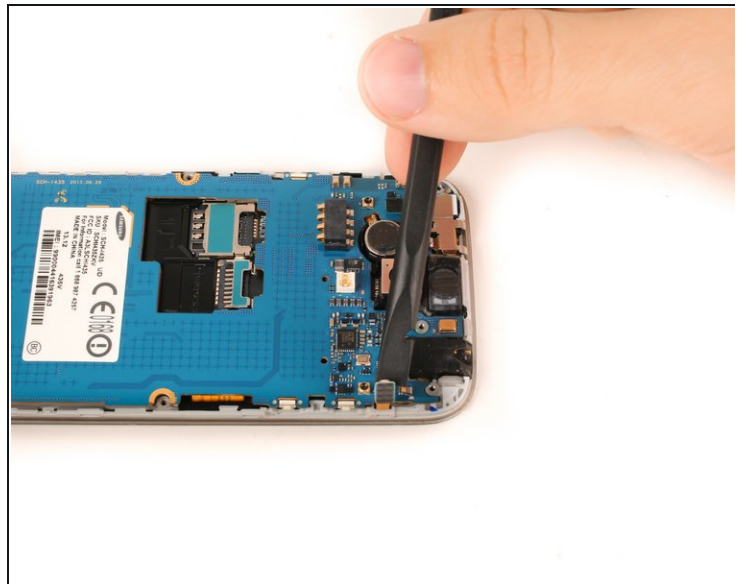
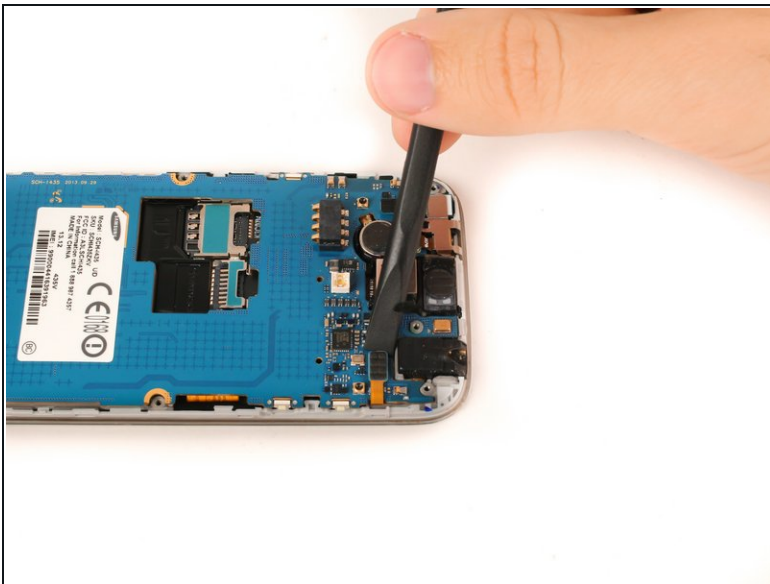
- Starting at the USB port, slide a plastic opening tool around the perimeter of the phone between the rear housing and frame. As you work your way around the edge, you will feel the clips release.
- Carefully separate the rear housing and the mid-frame to reveal the inside of the phone.

## Step 8




- Use a pair of tweezers to lift the two charging assembly press fit connectors free.

## Step 9

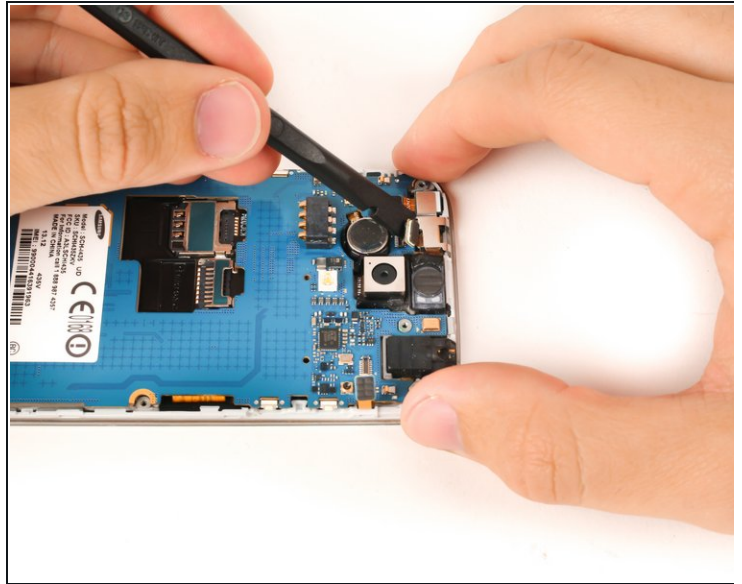
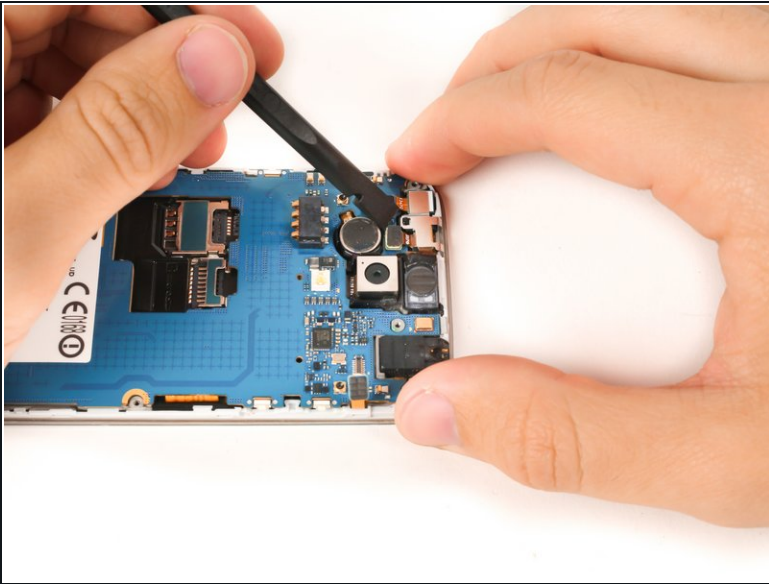


- Use the flat end of a nylon spudger to lift the headphone jack press-fit connector up to release the ribbon cable.

 This part might be different if your device is using duo SIM

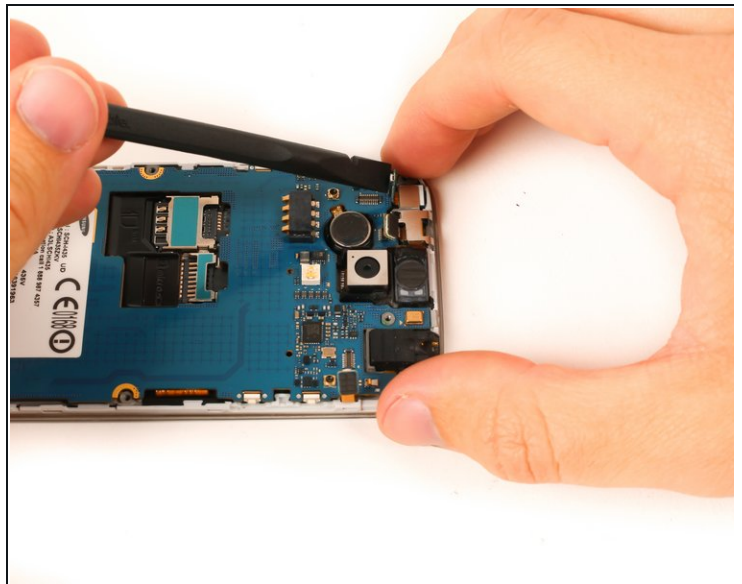
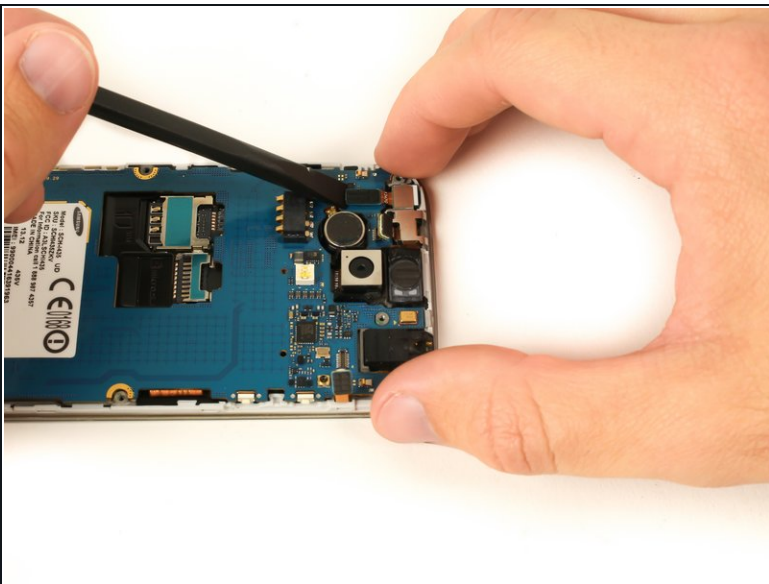


## Step 10



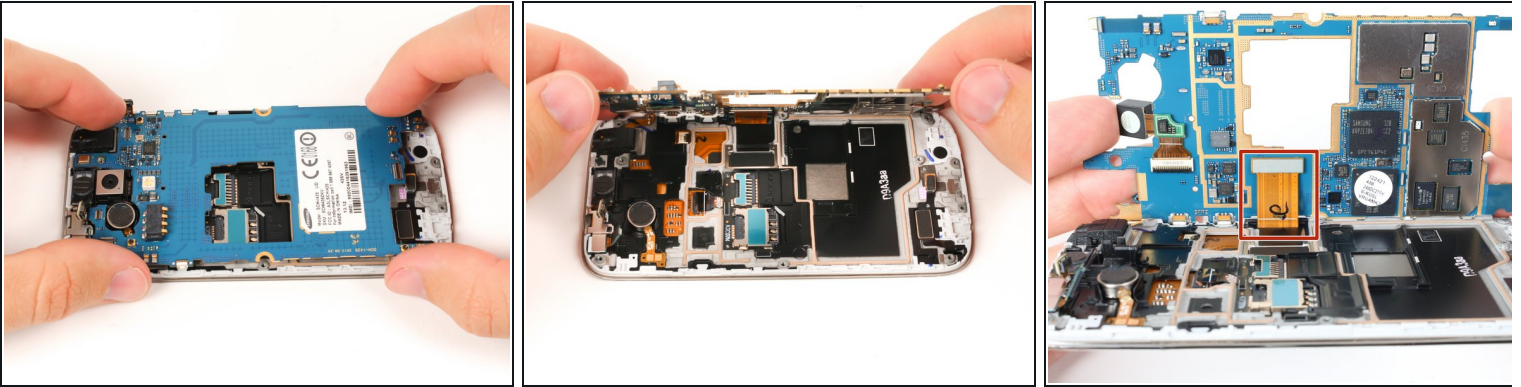
- Use the flat end of a nylon spudger to lift the infrared sensor press-fit connector up to release the ribbon cable.

## Step 11



- Use the flat end of a nylon spudger to lift the front-facing camera press-fit connector up to release the ribbon cable.

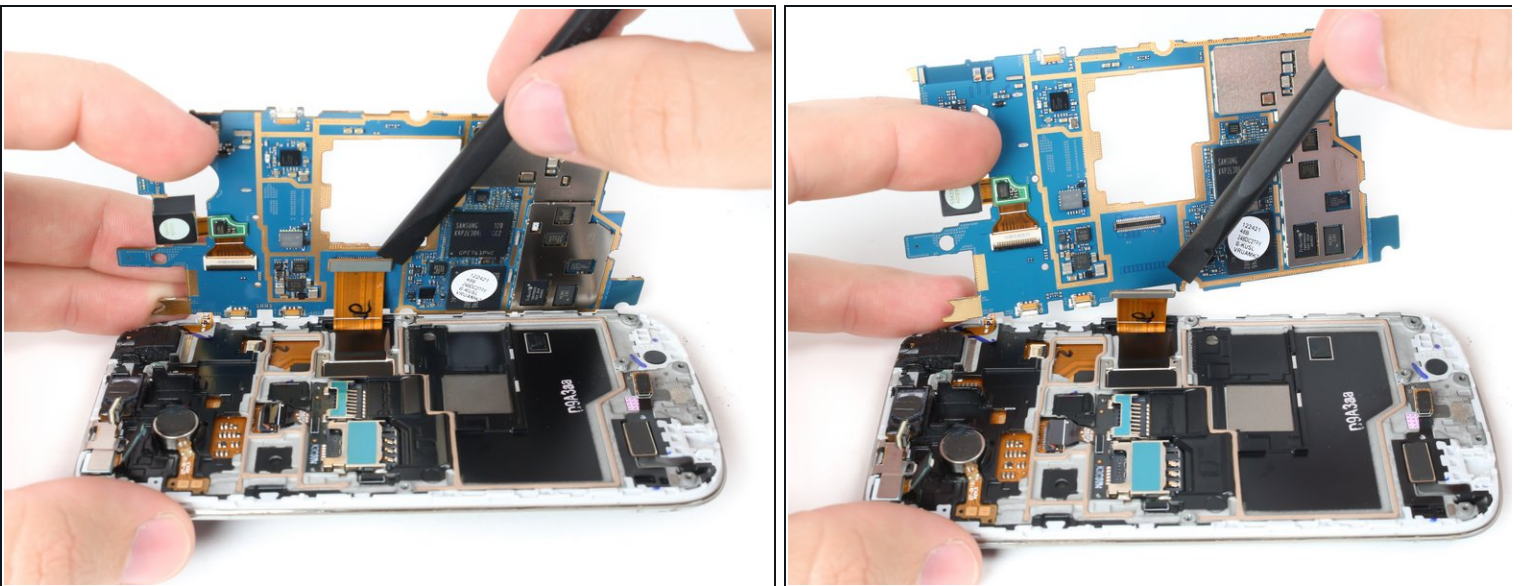
## Step 12



- Gently lift the motherboard up and partially away from the device.

⚠ The digitizer ribbon cable is still attached to the underside of the motherboard.

## Step 13



- Put the flat end of a nylon spudger under the lip of the digitizer press-fit connector and lift up to release the connector and free the motherboard.

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