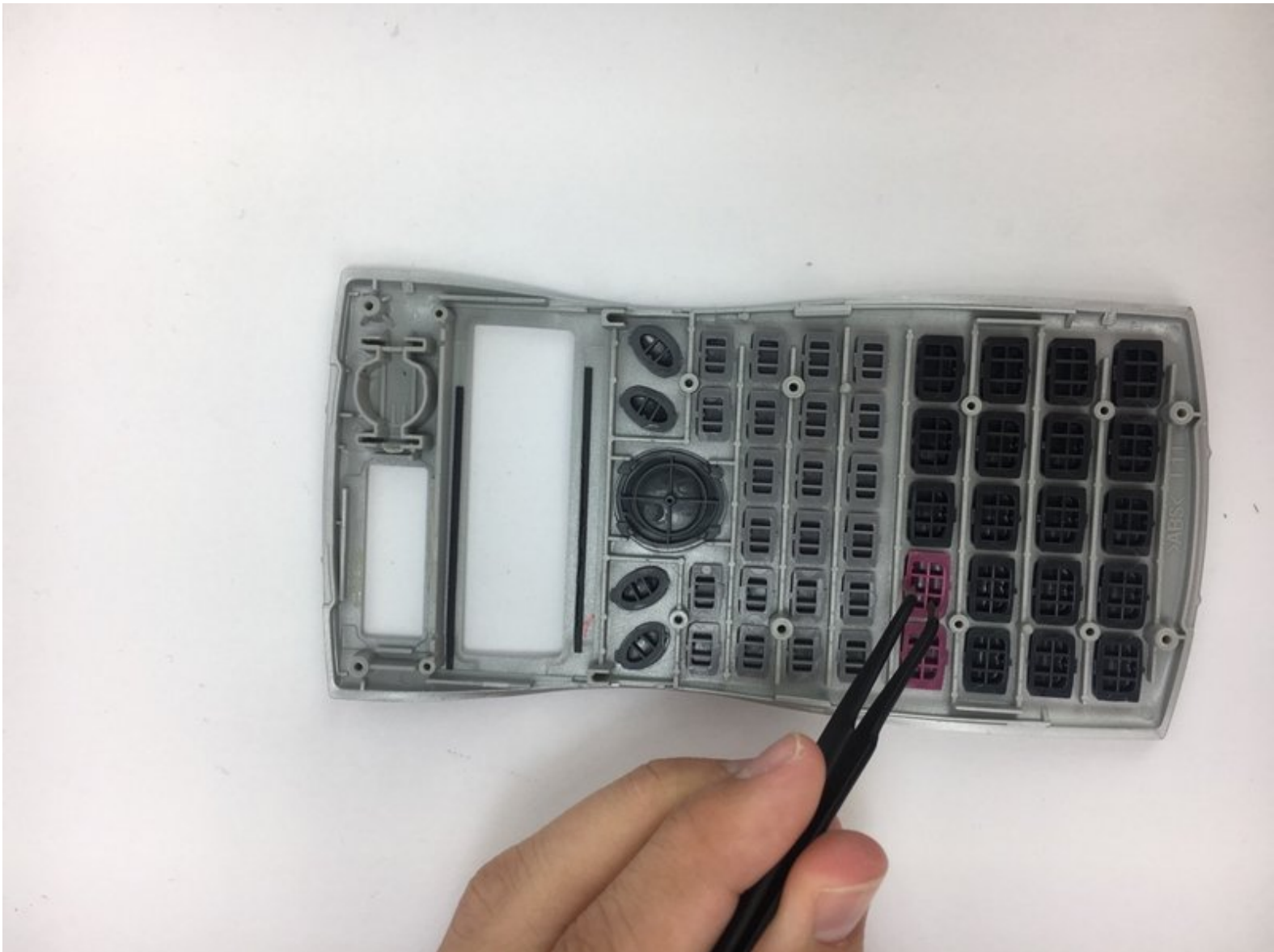




# Casio FX-115MS Individual Keys Replacement

In this guide, you will replace your keyboard keys for your Casio calculator. In this guide the hardest part is identifying the key that needs to be removed. Be sure to grab the right one, because they are a pain to place back in perfectly.

Written By: Fady Baskharoun



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## INTRODUCTION

In the event, the keyboard keys are not working properly and you will need to replace them individually. This guide will be showing you how to fix it.

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### TOOLS:

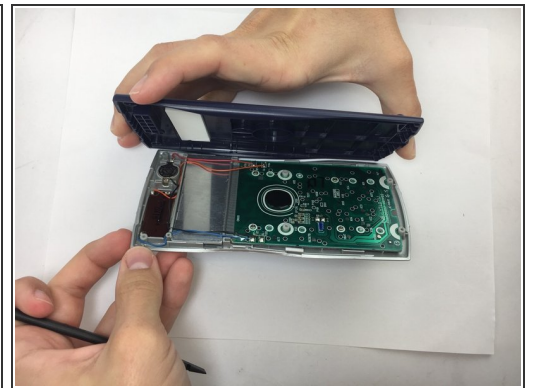
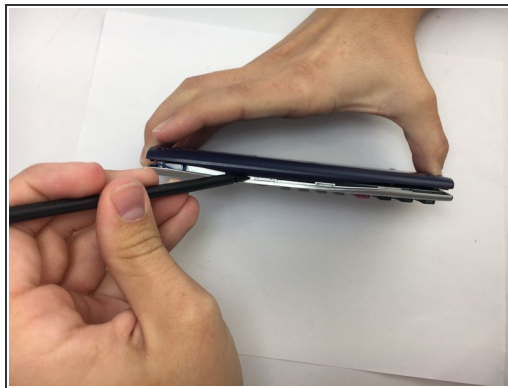
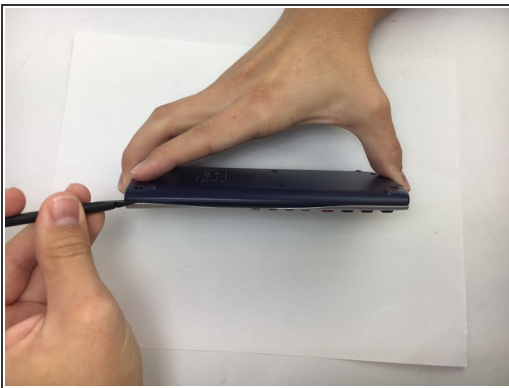
- [Heavy-Duty Spudger](#) (1)
  - [Tweezers](#) (1)
  - [Phillips #0 Screwdriver](#) (1)
  - [Phillips #1 Screwdriver](#) (1)
-

## Step 1 — Back Plate



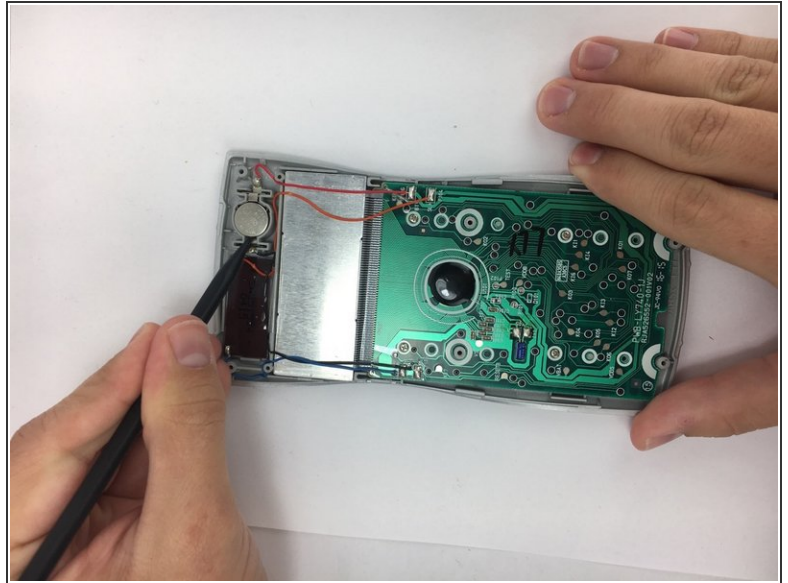
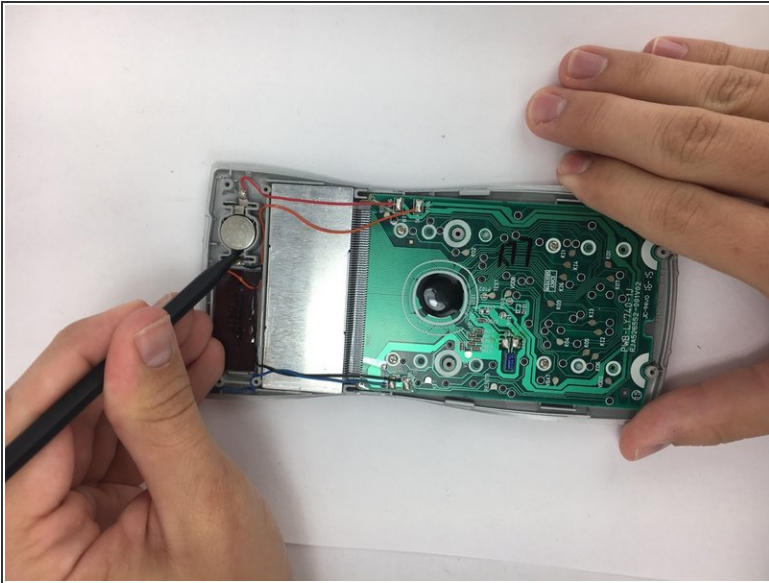
- Remove the 6 screws, which are 5mm long, using a PH1 screwdriver.

## Step 2



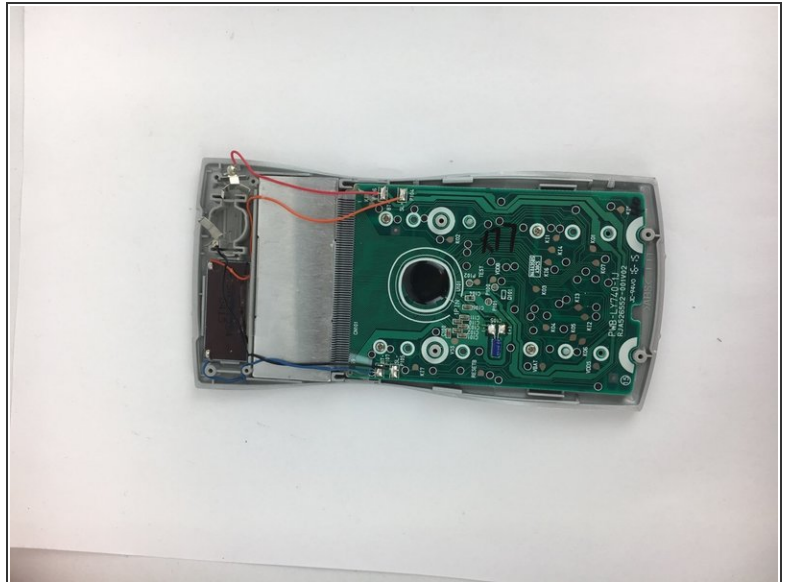
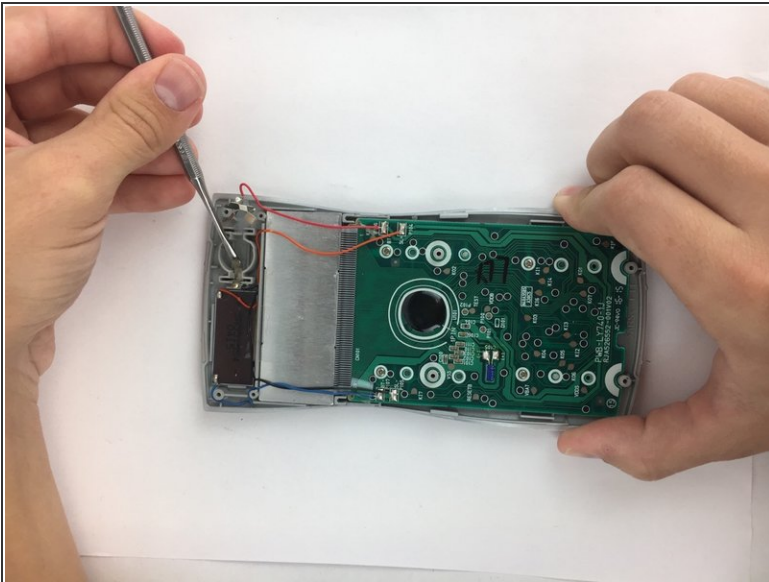
- Use plastic spudger to separate backplate from the front-plate. Place the flat end of the spudger in the seam between the front and back, near one end of the calculator. Then slide the spudger towards the calculator's center. The two sides will pop free from each other as you go through it with the spudger.

### Step 3 — Battery



- Using the pointed end of the nylon spudger, carefully pry an edge of the battery, and lift the battery from its socket.

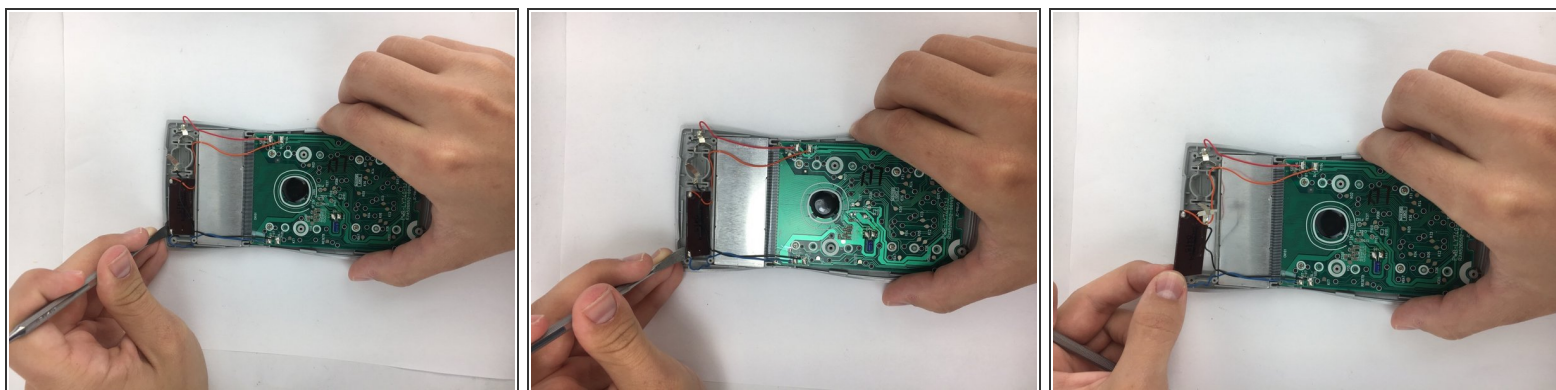
### Step 4 — Motherboard and Screen



- Using the plastic spudger, carefully pry the battery terminals from the front plate. If the plastic spudger is too weak for prying out the terminals, use the small metal spudger. By Carefully bending and/or prying the little teeth on the terminals upwards you can easily remove them.

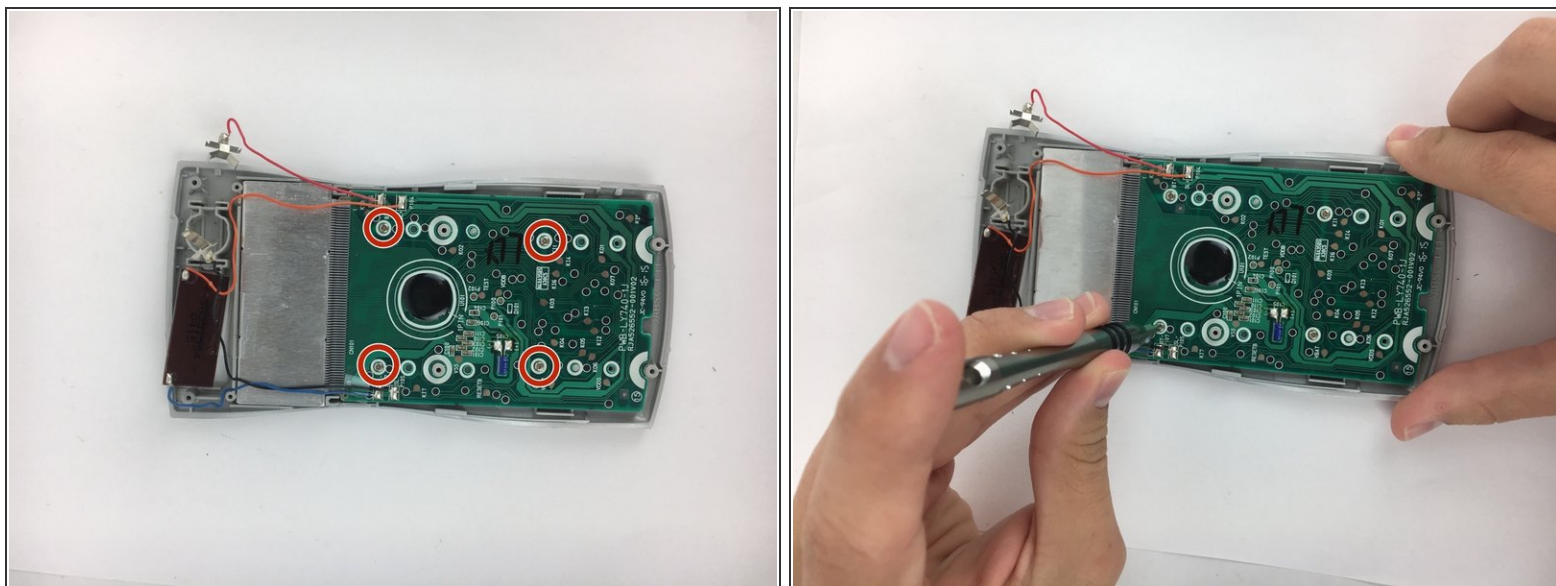


## Step 5



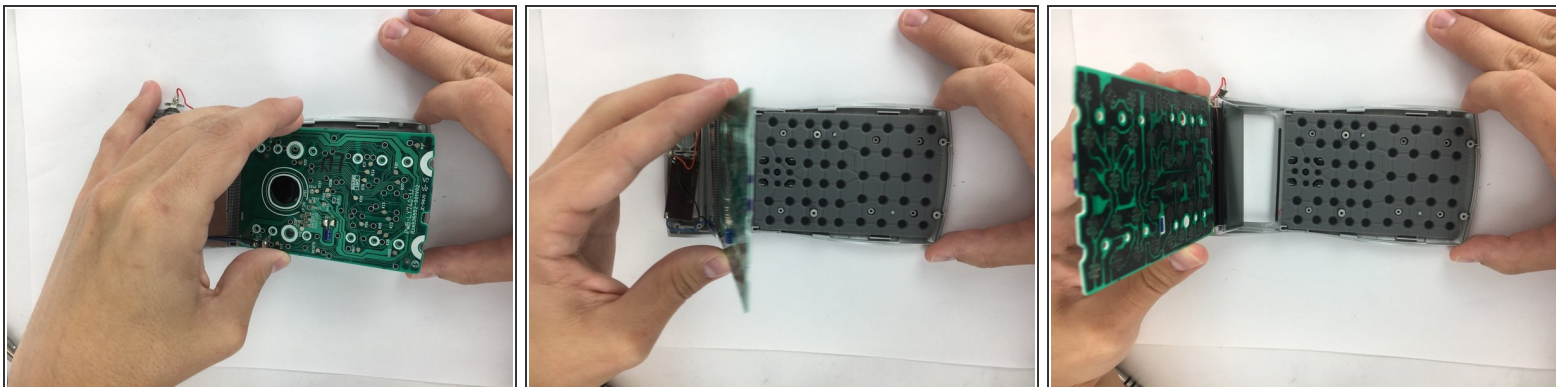
- Using the small metal spudger. Carefully pry around the edge of the solar panel until it becomes loose. Then simply pull it from its socket using your hands.

## Step 6



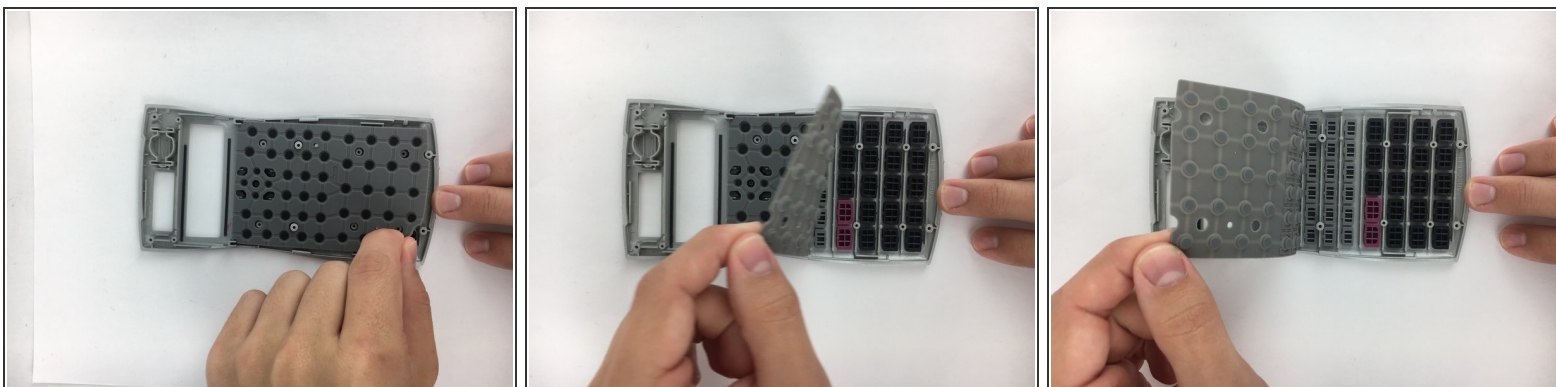
- Using a PH0 phillips screwdriver, unscrew the four, 4mm, pan head screws from the motherboard.

## Step 7



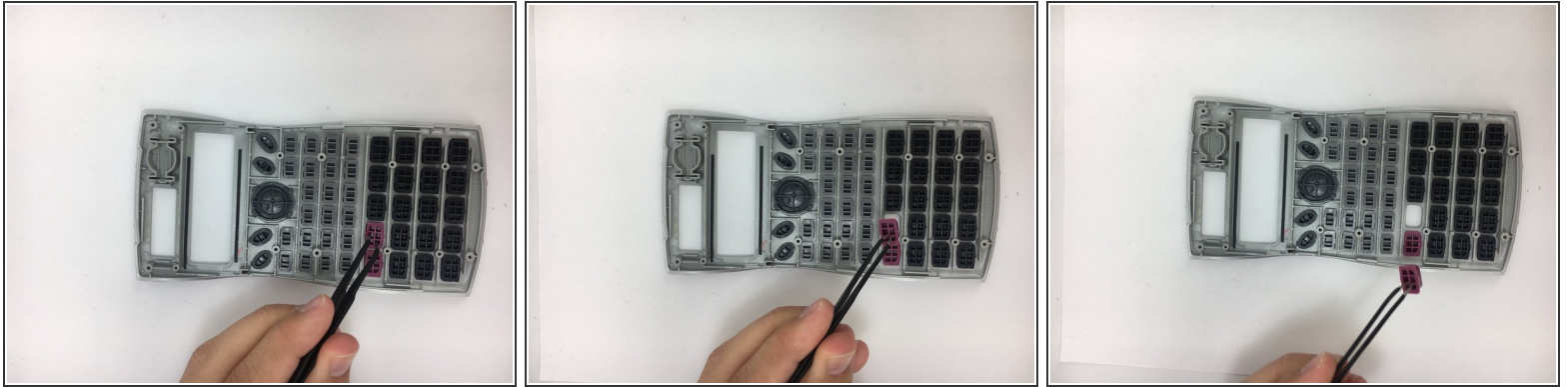
- Carefully lift the motherboard, screen, solar panel, and battery terminal combination from the front plate. Start from the motherboard and lift at an angle toward the solar panel.

## Step 8 — Keyboard Mat



- Starting from one corner of the keyboard mat, slowly peel the mat from the front plate and individual keys.

## Step 9 — Individual Keys



- Select which key you need to remove, then using the Angled ESD Tweezers pick up the key, and pull it free from the face plate.

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