



# GeeksPhone Keon Motherboard Replacement

This guide shows how to replace the motherboard on a GeeksPhone Keon

Written By: Yanni Worthington



---

## INTRODUCTION

If the motherboard is not operating correctly, use this guide to replace the motherboard.

---

### TOOLS:

- [iFixit Opening Tools](#) (1)
  - [Tweezers](#) (1)
  - [64 Bit Driver Kit](#) (1)
-

## Step 1 — Battery



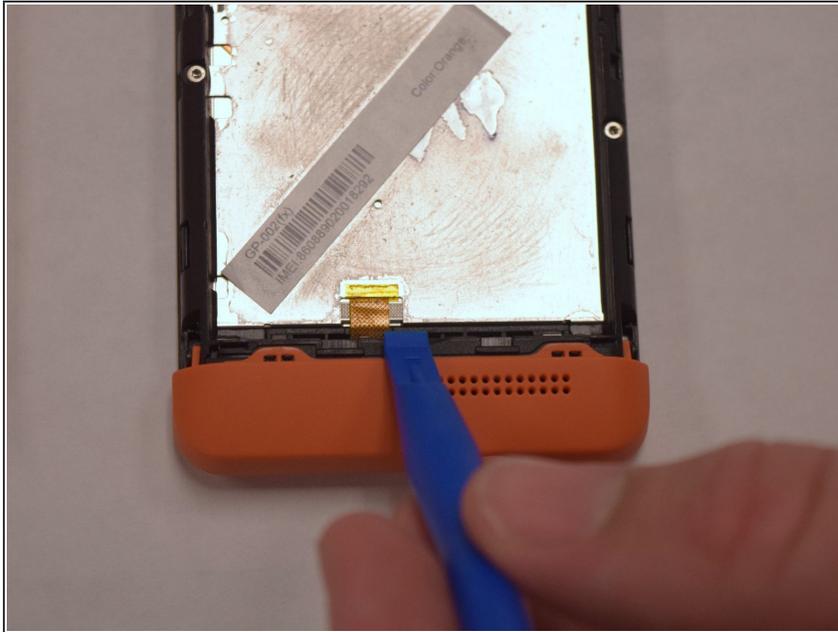
- Insert the plastic opening tool into the seam between the front of the device and the rear cover.
- Slide the plastic opening tool from the bottom of the phone to the top.
- Use the plastic opening tool to free all the clips attached to the phone.

## Step 2



- Lift the cover away from the phone.

### Step 3



- Insert the plastic opening tool into the groove between the bottom of the phone and the battery.
- Lift the battery with the plastic opening tool and finish removing battery by hand.

### Step 4 — Back Plate



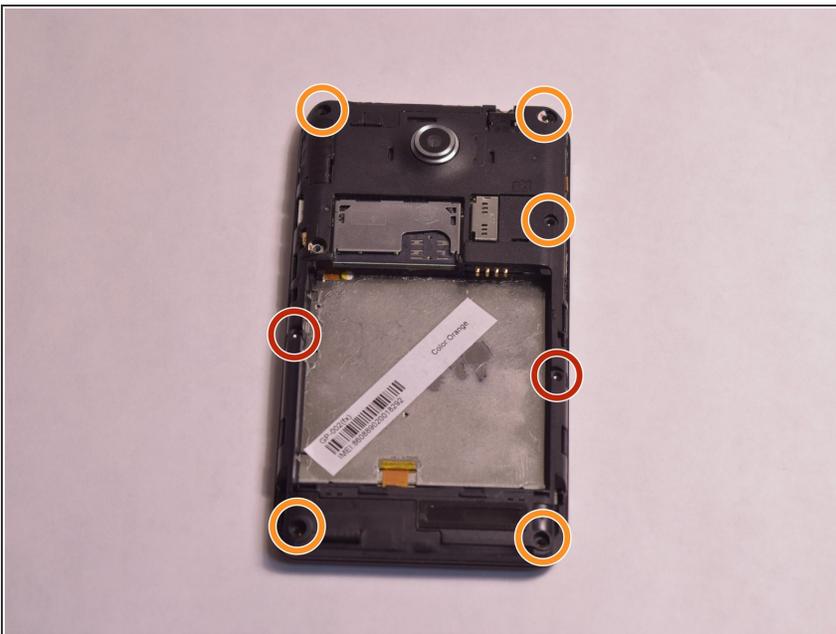
- Remove the two 5mm T4 screws on the sides of the small orange plate.

## Step 5



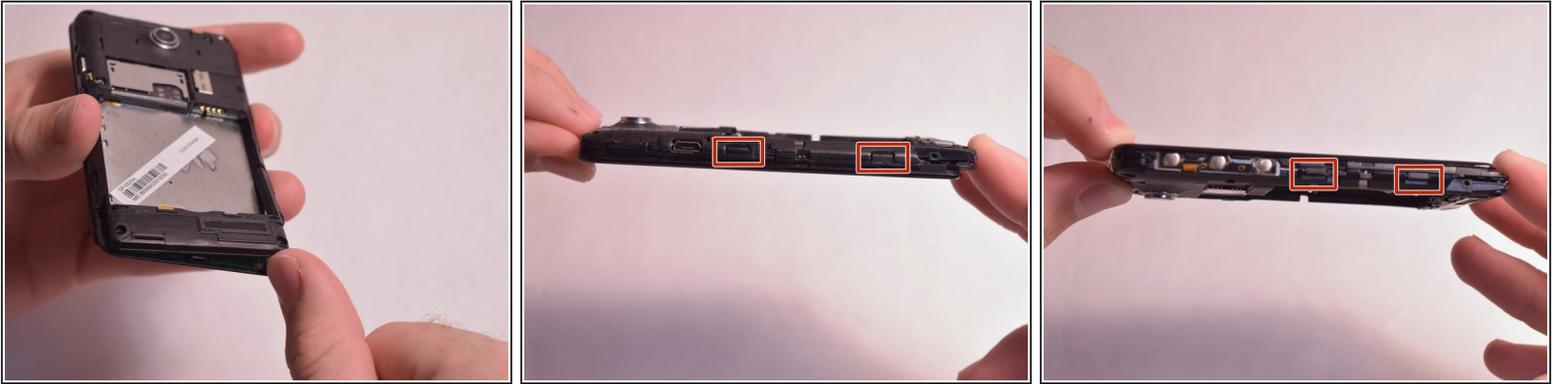
- Gently remove the small orange plate by pulling it down.

## Step 6



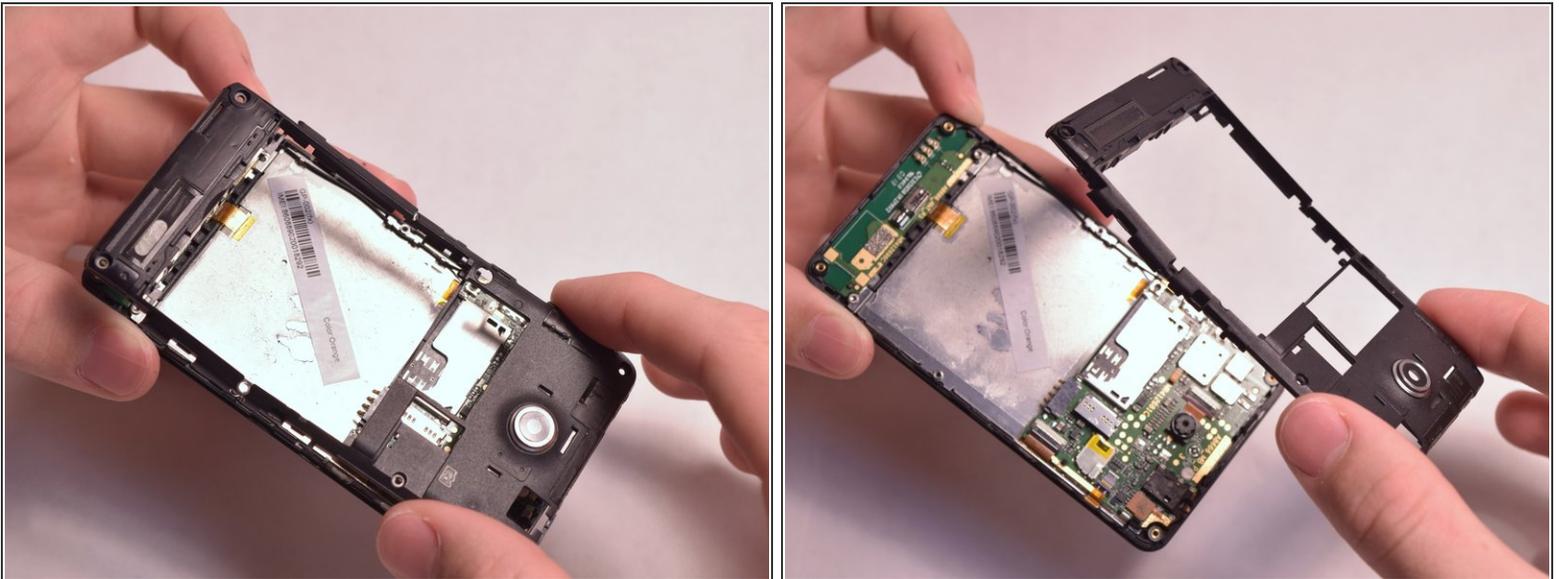
- Remove the following screws securing the back plate to the device:
  - Two silver 2mm T3 screws
  - Five black 3mm T3 screws

## Step 7



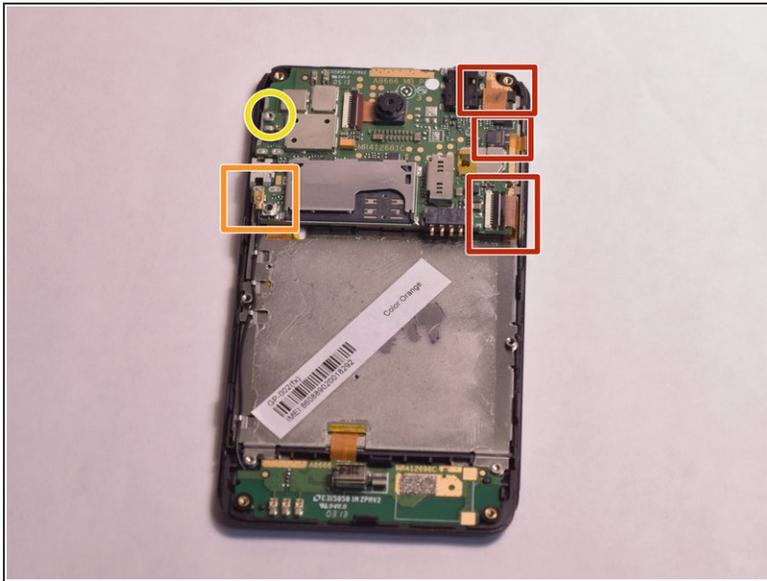
- Slightly lift up the bottom corner of the backplate.
- Release the four clips on both sides by pulling them away from the device.

## Step 8



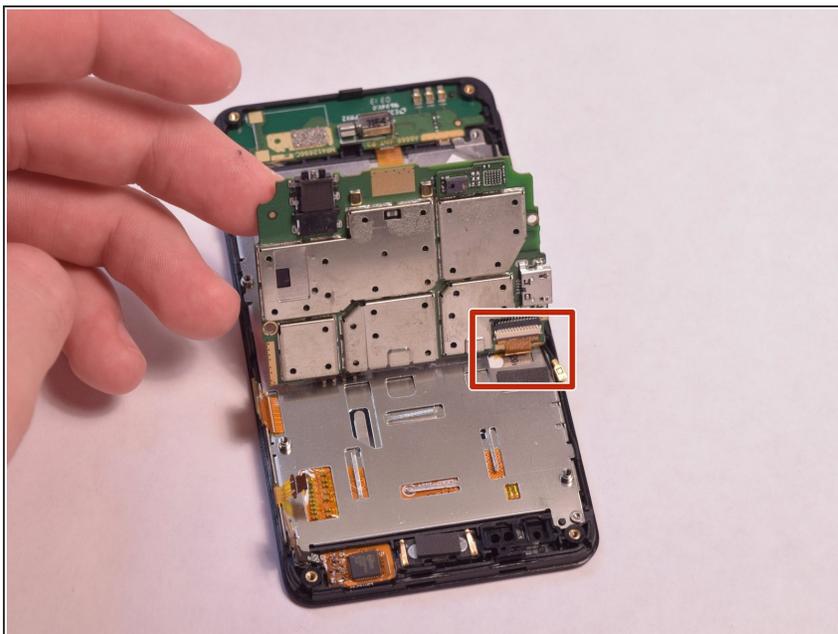
- Lift the backplate away from the device.

## Step 9 — Motherboard



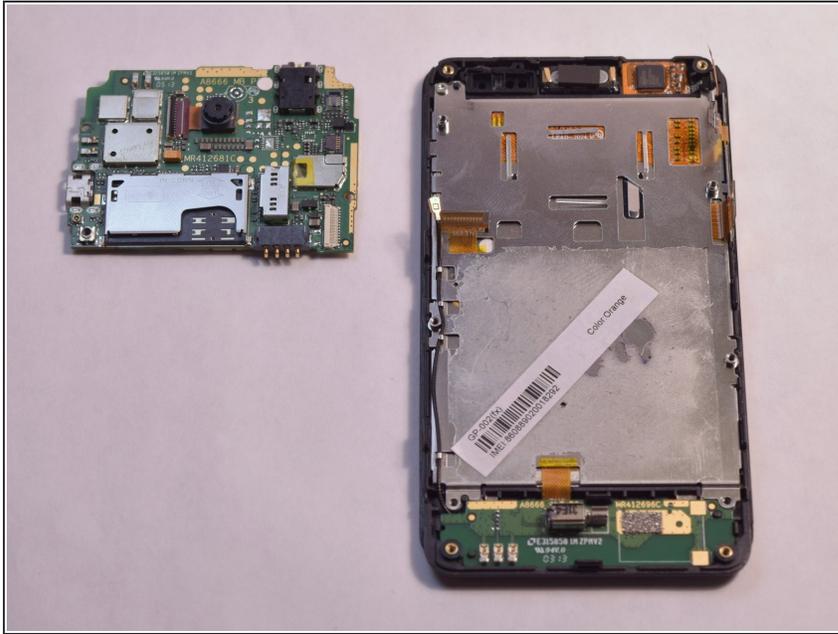
- Remove the three connections from the back of the motherboard by using the tip of a spudger or your fingernail to flip up the small retaining flap. Then pull the ribbon cable out.
- Remove the wire from the bottom left of the motherboard by lifting it away from the device.
- Remove the 2mm T3 screw in the upper left corner of the motherboard.

## Step 10



- Lift the motherboard and remove the connector on the back by using the tip of a spudger or your fingernail to flip up the small retaining flap. Then pull the ribbon cable out.

## Step 11



- Remove the motherboard from the device.

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