



# Emerson EM744 Motherboard Replacement

Use this guide to replace the circuit board on your EM744 tablet.

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## INTRODUCTION

This guide will show you how to replace motherboard on a Emerson EM744. The tools need for this replacement are a #00 screwdriver, opening tools, spudger, and soldering kit.

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### TOOLS:

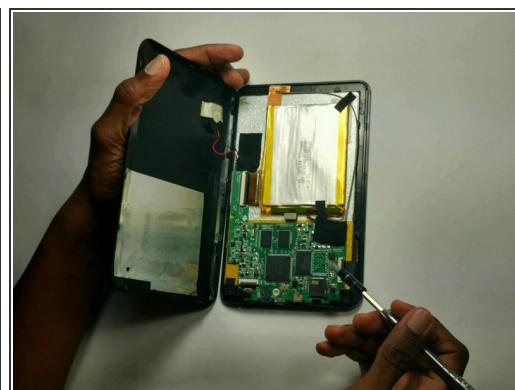
- [Phillips #00 Screwdriver](#) (1)
  - [Spudger](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Soldering Iron](#) (1)
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## Step 1 — Back Plate



- Use a Phillips 00 bit to remove two 3mm screws from the bottom of the tablet.

## Step 2



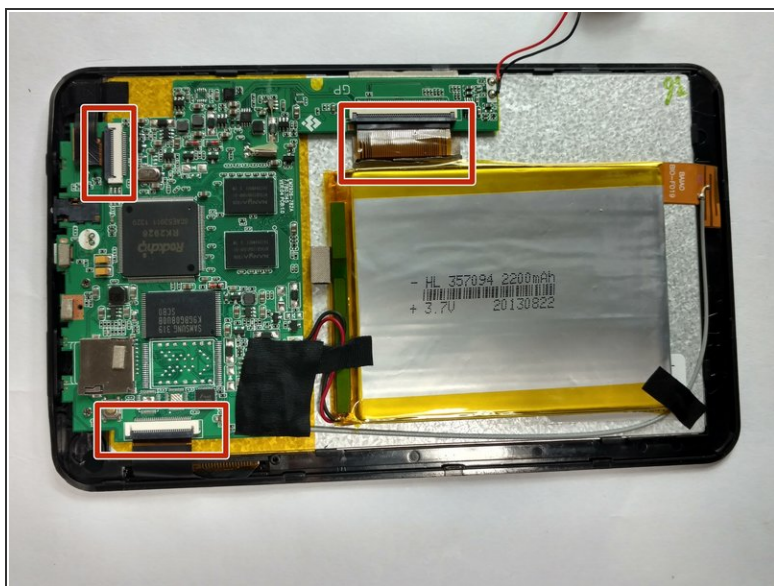
- Insert the nylon spudger into the bottom of the tablet, and gently slide it up the side.
- Pull apart the two sides of the tablet, exposing the circuit board, battery, and other components of the tablet.

## Step 3 — Motherboard



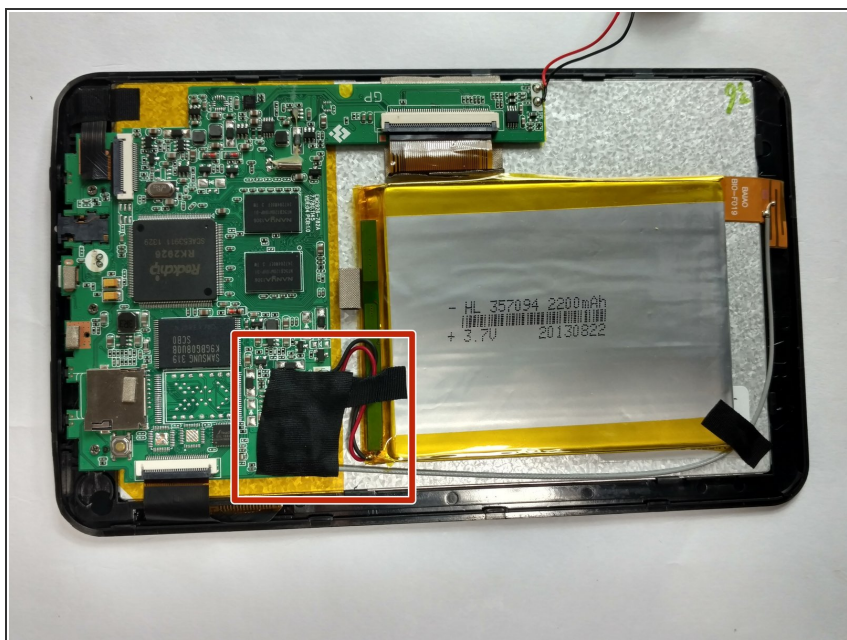
- Use a Phillips 00 bit to remove 3 screws from the top of the tablet.

## Step 4



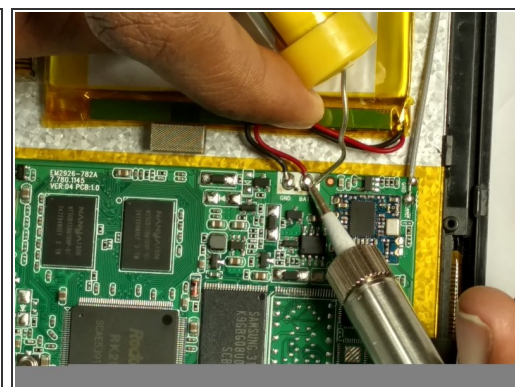
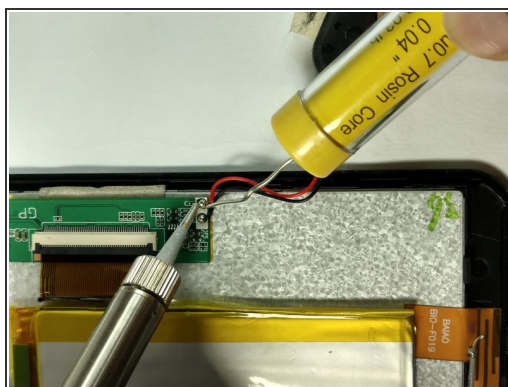
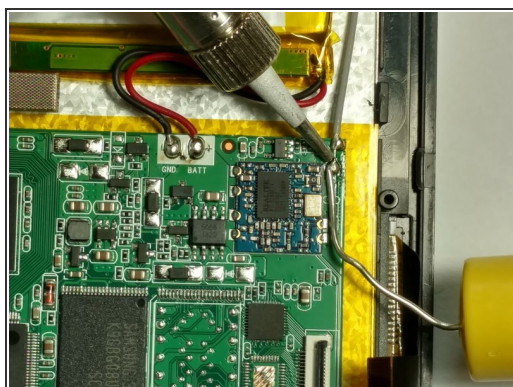
- Disconnect three ribbon connectors from the circuit board with the nylon spudger.

## Step 5



- Remove tape from the motherboard.

## Step 6



- Desolder the positive (red) wire to the positive (+) lead, followed by desoldering the negative (black) wire to the negative lead.
- Refer to the [solder technique guide](#).

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