



HTC Droid Eris Motherboard Replacement

This guide will teach you how to replace/install the motherboard in an HTC Droid Eris.

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INTRODUCTION

This guide will teach you how to replace/install the motherboard.



TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [T4 Torx Screwdriver](#) (1)
- [Tweezers](#) (1)



PARTS:

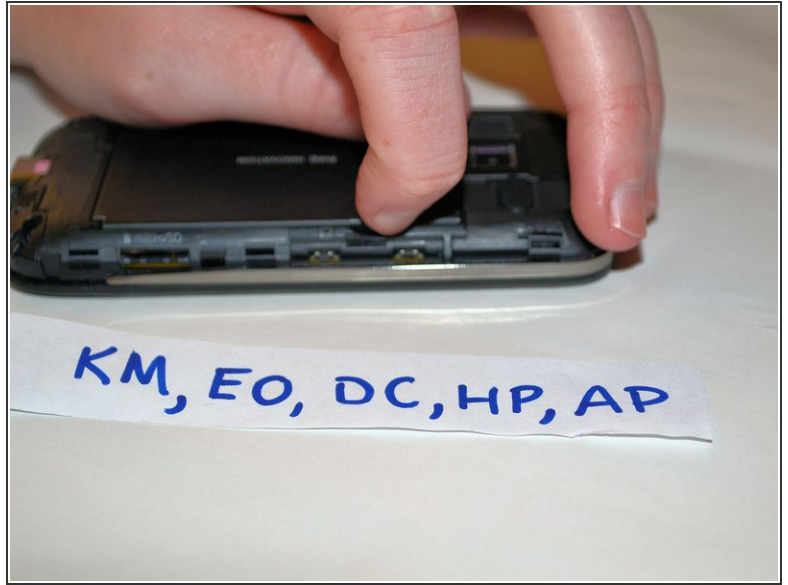
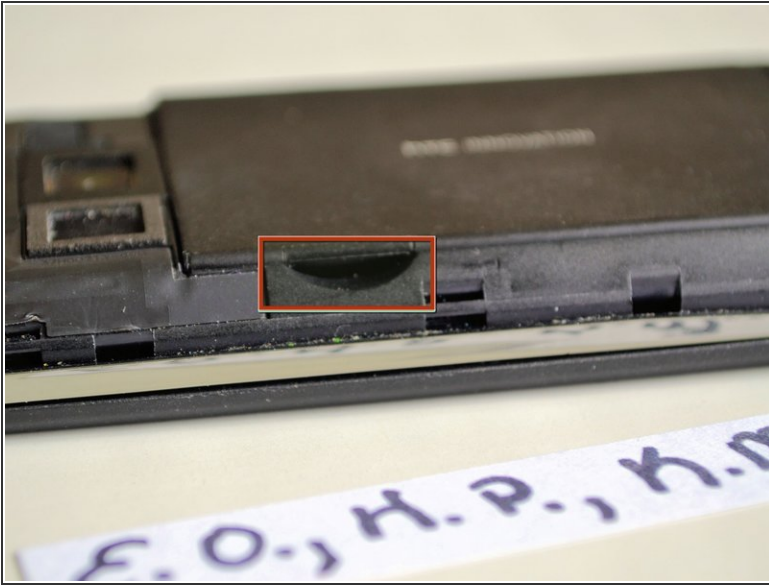
- [HTC Droid Eris Logic Board](#) (1)

Step 1 — Battery



- Place the device on a flat surface (with the headphone outlet facing you). Using one of your fingers, place the tip of your finger over the highlighted spot (as shown in the second picture). Next, pull the back cover upwards.
- If the first method is too difficult, use the plastic opening tool in order to complete this step. Stick the plastic opening tool inside of the gap. (The gap is located on the top of the device which is highlighted in the second photo). Using the plastic opening tool pull the back cover upwards until the back cover pops off.

Step 2



- Lay the device on a flat surface with the screen facing downward. Use one hand to hold the device down in place. With your free hand use one of your fingers and stick it in the gap (as highlighted in the photo) and pull it up towards you.
- The gap is located on the left side of the device in the upper left hand corner and the on the right side of the device in the upper right hand corner.
- If the battery is not coming out with this technique, use the plastic opening tool to stick it in the gap and pry it up towards you.
- The battery will pop out.

Step 3 — Midframe



- At the lower right hand corner of the phone (as highlighted in the picture as shown) use one hand to hold the device in place and use your finger (on your free hand) to push the micro SD card inwards until you hear a "click" sound and it pops out.
- If that method is difficult, use the plastic opening tool to push the micro SD card inwards and it will make a "click" sound and pop out.

Step 4



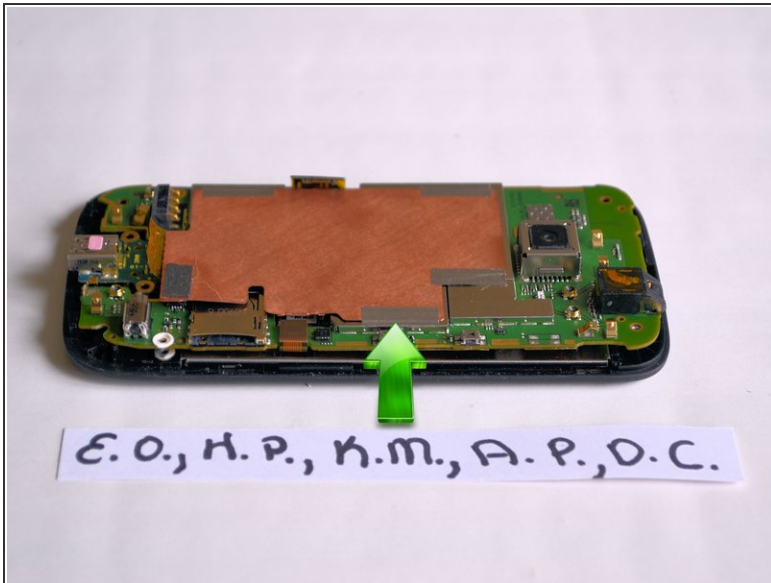
- Use the T-4 screwdriver to remove the three .050 mm screws from the back cover.
- ⓘ *Place the screws in a safe place. The screws are extremely small and easy to lose. You will need to use the screws in order to put the device back together again.*

Step 5



- Use the plastic opening tool and place it in the gap by the chrome bezels which are located on both sides of the device. Pull the plastic opening tool downward so that the plastic case will pry open. Start prying open the device and work clockwise.
- ⚠ **DON'T BREAK THE CLIPS** (you can damage the frame this way). Pry it gently until you hear it click and start to see it open.
- ⓘ "After the clips are disengaged, there are no cables holding the back panel in its place, you should be able to pull the midframe out easily.."

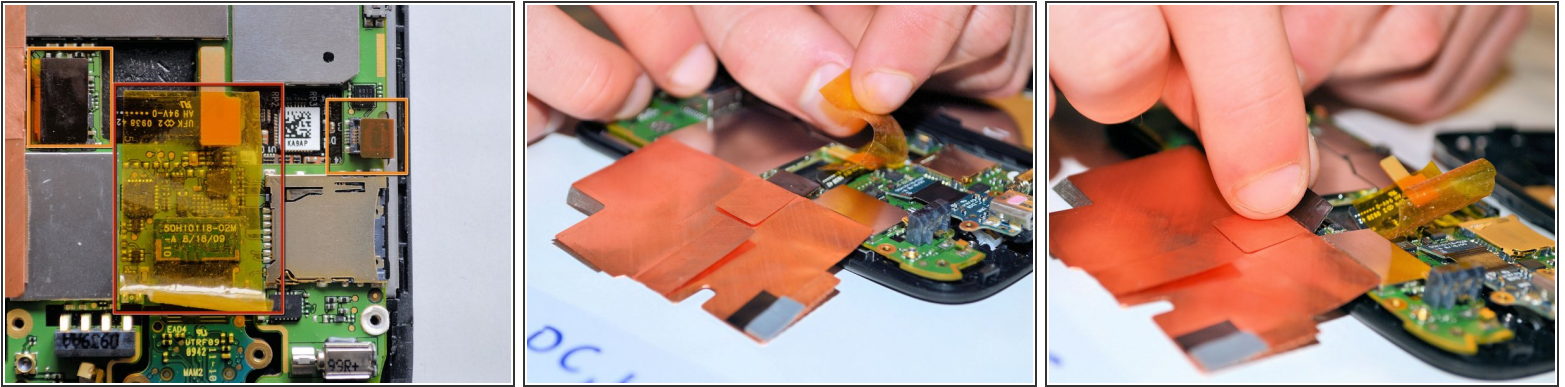
Step 6 — Motherboard



- With one hand holding the device in place, use your free hand to flip open the RF shield.
- Peel the three pieces of silver metallic tape off of the logic board.
- Do not peel off the two pieces of tape, that are located on the straightest edge of the RF shield closest to the edge of the phone.

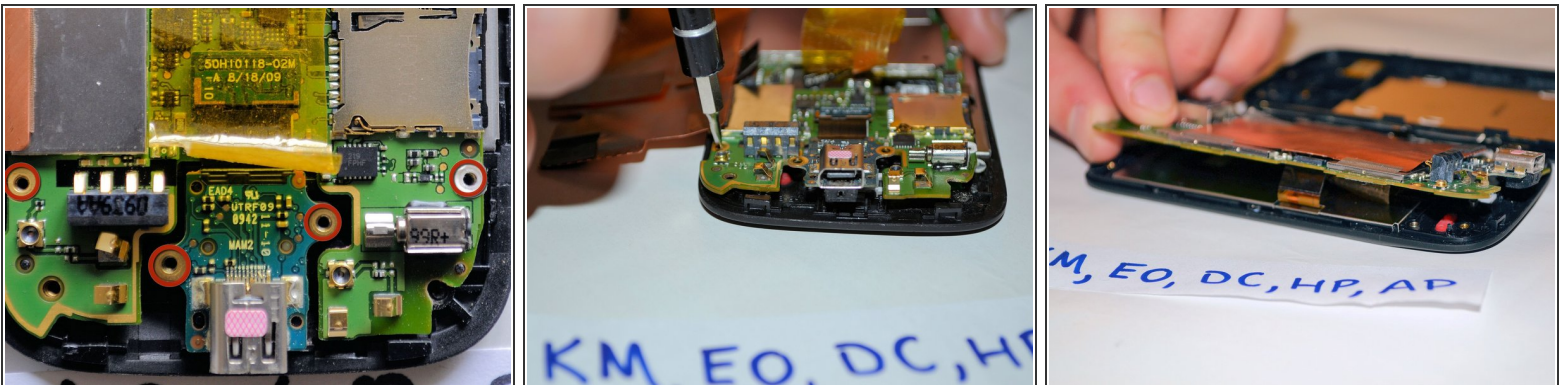
⚠ *Try not to damage the tape or the RF shield because they will need to be reused when reassembling the device.*

Step 7



- Peel back the yellow tape. (located in the middle red highlighted box as shown)
- ⚠ *When pulling off the tape make sure that you use your fingers to pull it up gently it has a connector attached to it (which is the light brown square on the top of the yellow tape) and the tape will be reused when reassembling the device.*
- Use your fingers to peel the two connectors on the sides away from the motherboard.

Step 8



- Unscrew the four 1.2mm Phillips screws with the Phillips #00 screwdriver from the motherboard.
- Place the four screws in a safe place and then carefully lift up and remove the motherboard, then set it aside.
- ⓘ *Take a note of the moisture indicator located in the yellow rectangle on the bottom of the device in the second picture. If the moisture indicator is red then the device has water damage.*

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