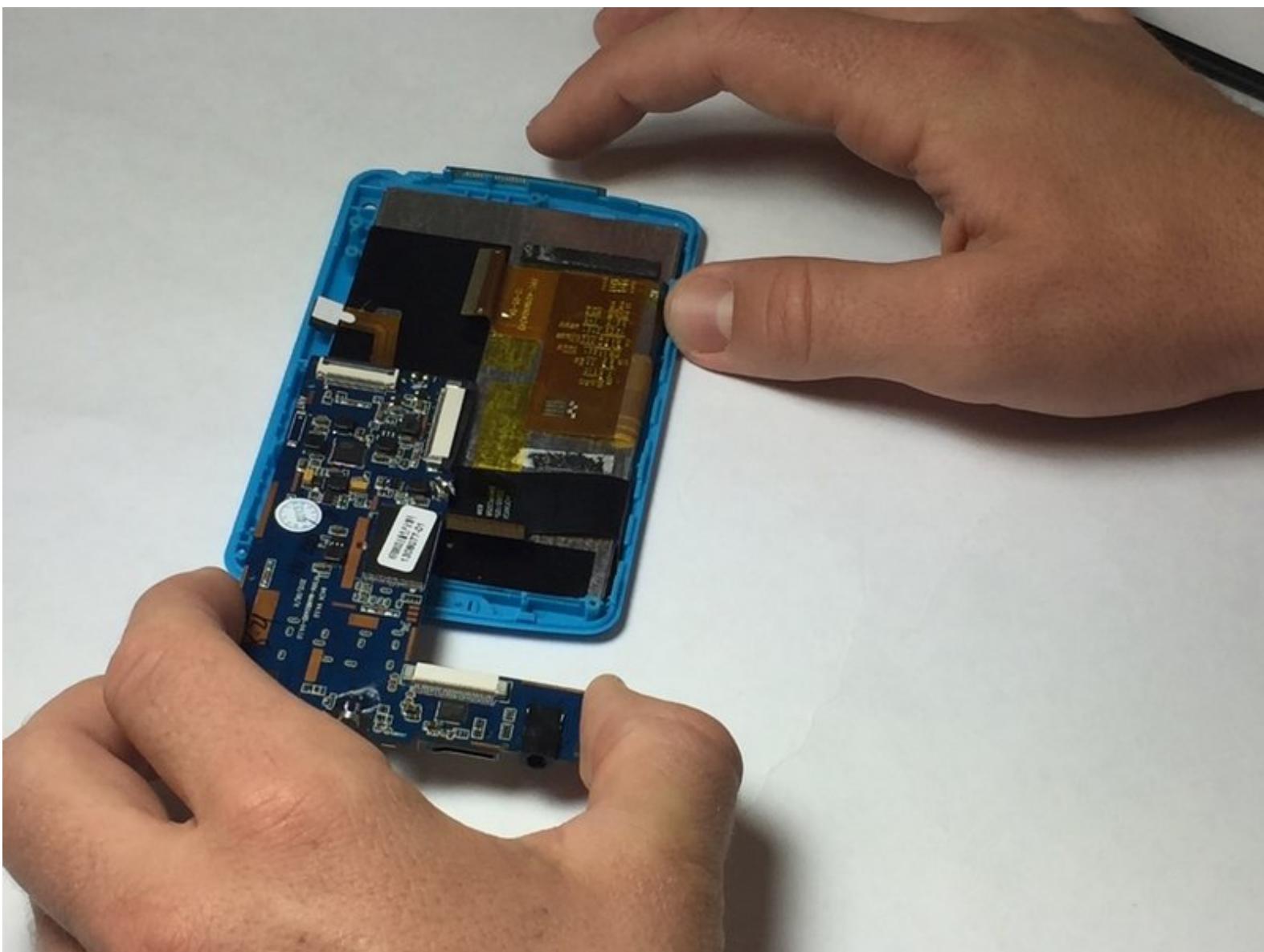




Polaroid PMID4312 Motherboard Replacement

This guide will cover the steps required to remove the motherboard from a Polaroid PMID4312 tablet.

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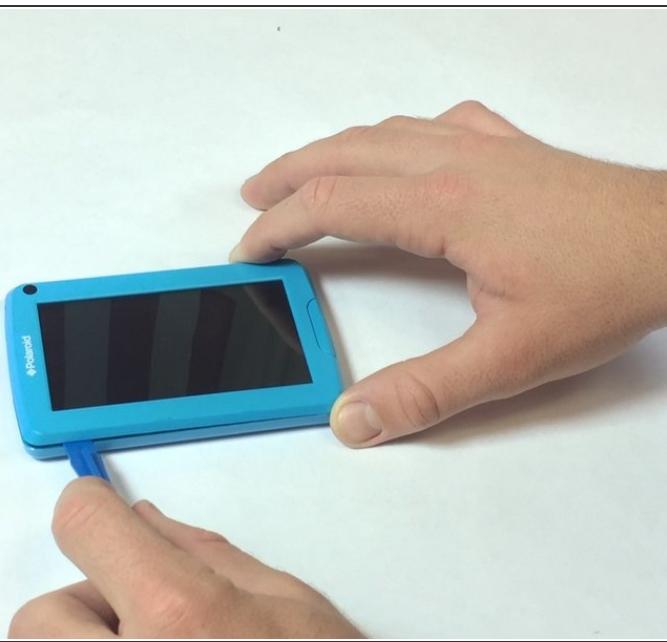
INTRODUCTION

The motherboard contains most of the electrical components of the device. It is a delicate piece of hardware but can easily be removed.

TOOLS:

- [Plastic Cards \(1\)](#)
- [Phillips #00 Screwdriver \(1\)](#)
- [Tweezers \(1\)](#)
- [Soldering Iron \(1\)](#)
- [iFixit Opening Tools \(1\)](#)

Step 1 — Battery



- Pry the seam between the screen and the case and slide it on all four sides with a large plastic opening tool until the plastic case comes off.

Step 2



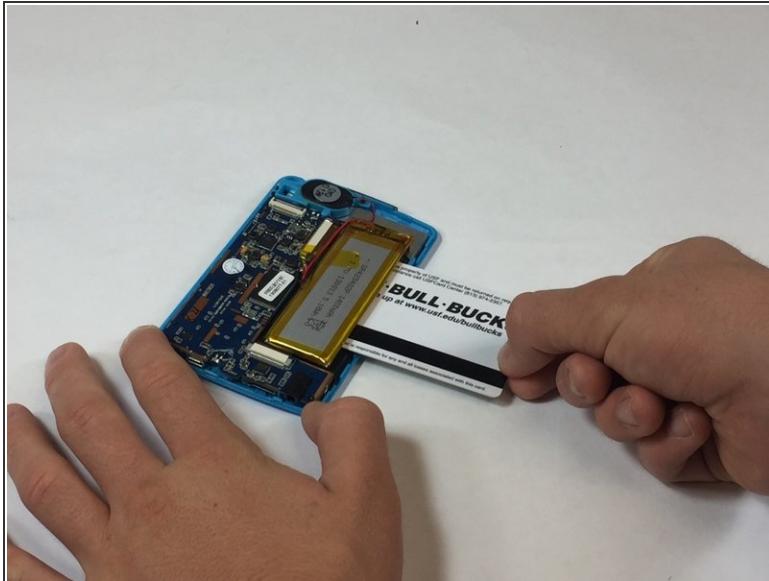
- Lift the device off of the case and flip over the device so that it sits screen side down.

Step 3



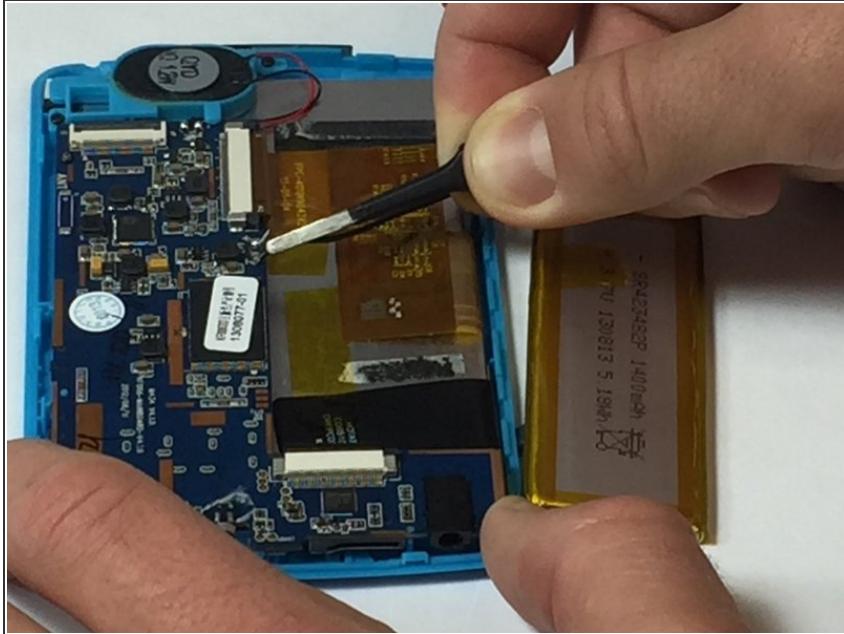
- The device is now free from the plastic case.

Step 4



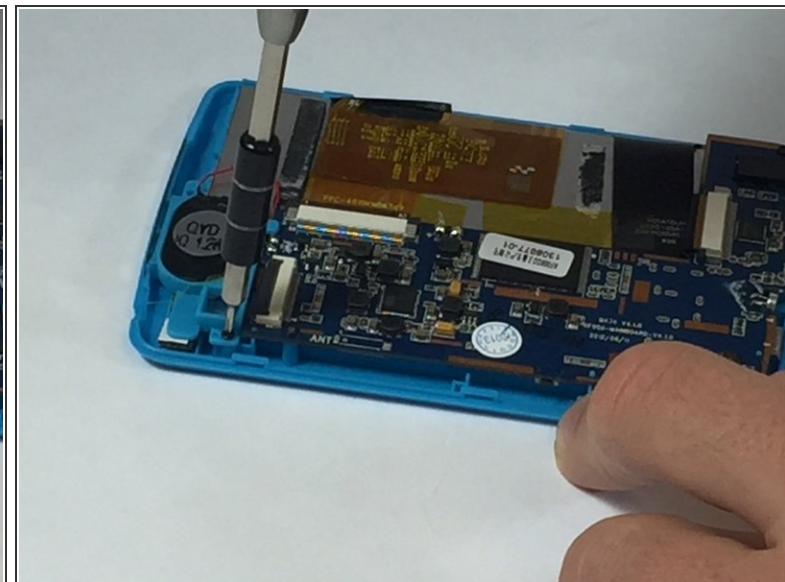
- Wedge a plastic card beneath the battery unit and wiggle the card side to side and up and down gently until the glue sealing the battery to the device is broken.

Step 5



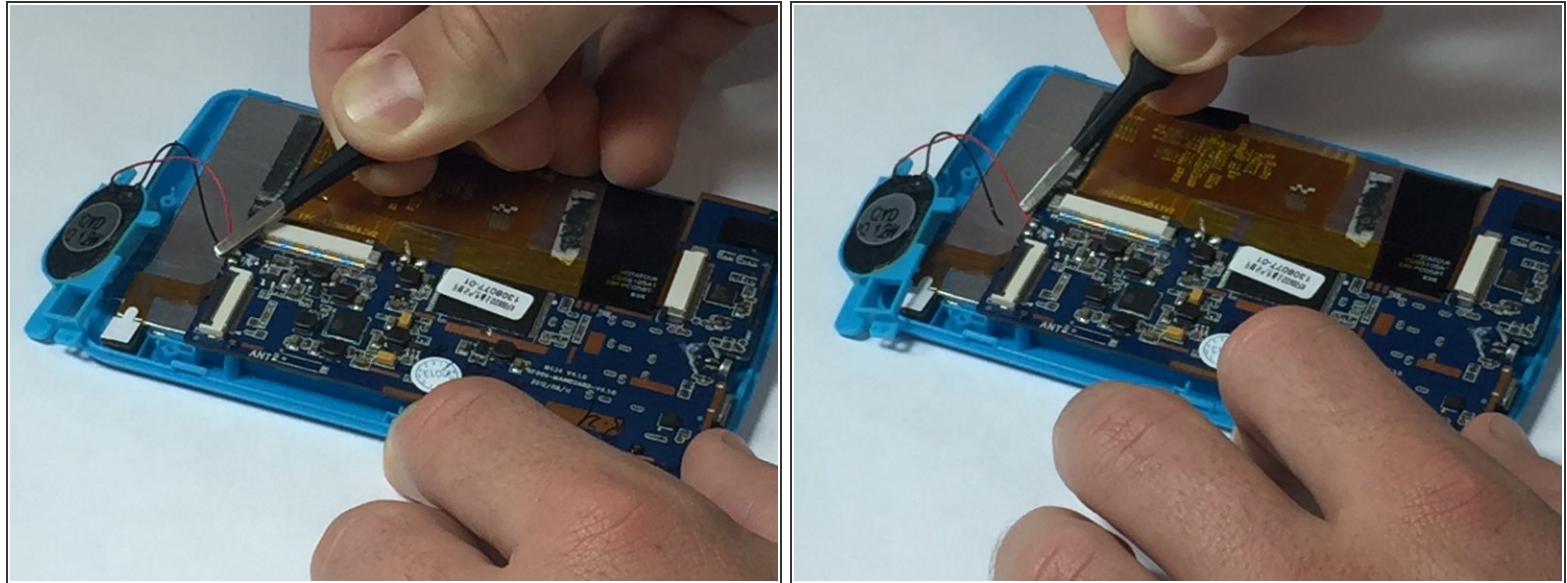
- Peel back any yellow tape not directly attached to the battery.
- Using a soldering iron, desolder the two wires that connect the battery to the motherboard.

Step 6 — Speaker



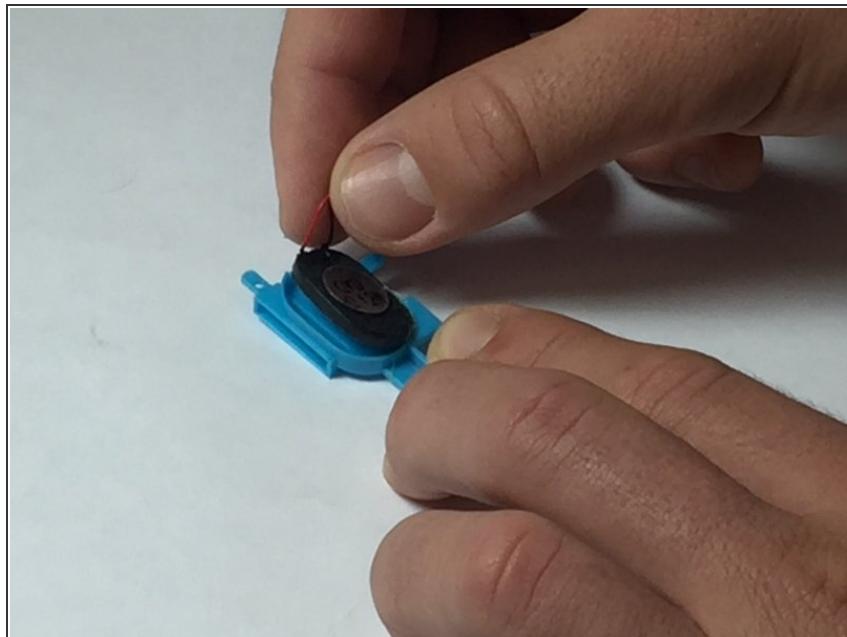
- Remove the two 5mm screws attached to the top right and bottom left corners of the speaker

Step 7



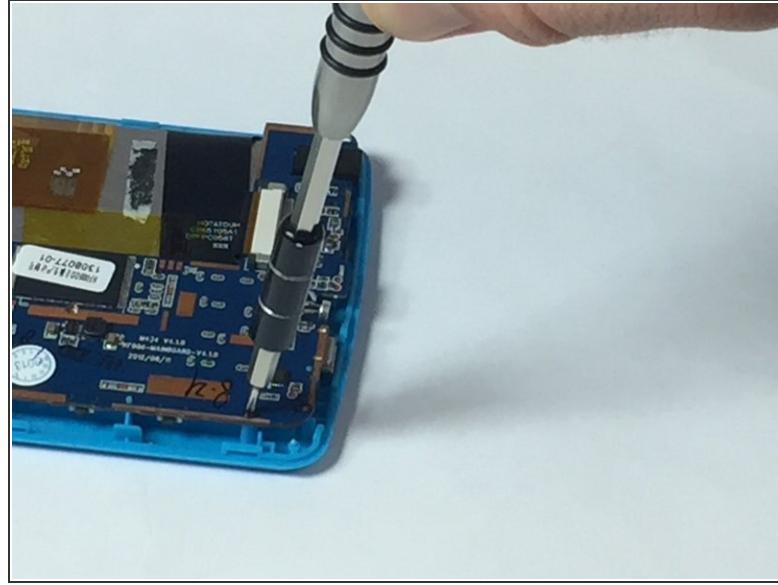
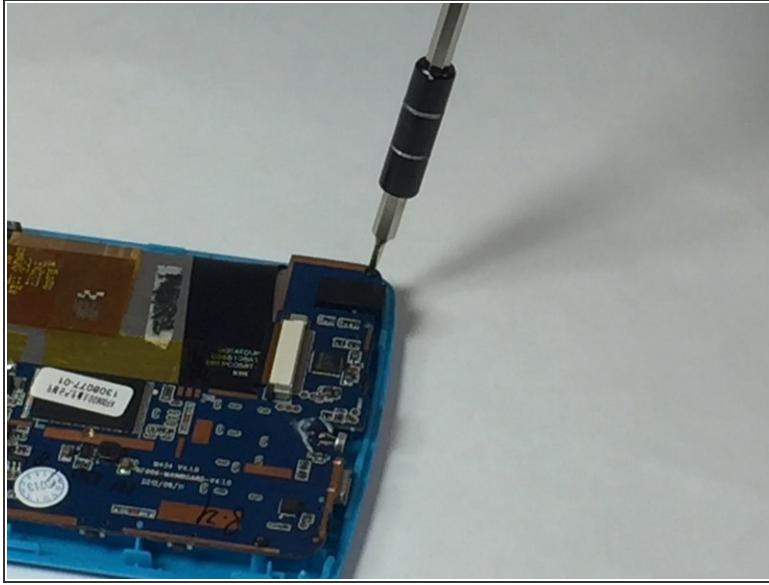
- Solder off the wires connecting the speaker to the device

Step 8



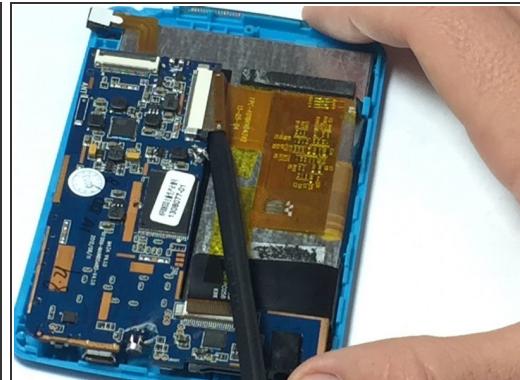
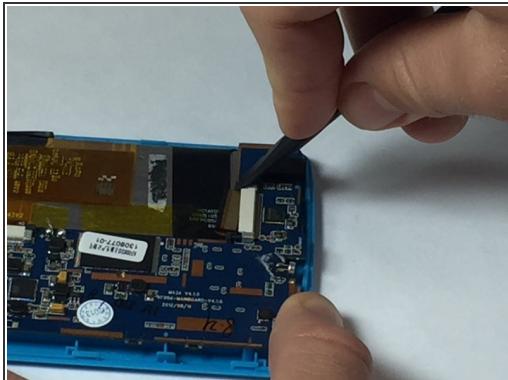
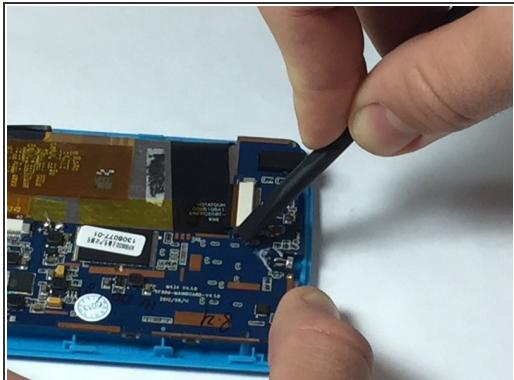
- Pull the speaker out of the casing to release it.

Step 9 — Motherboard



- Using the ph#00 screwdriver, remove the four 5mm screws connecting the motherboard to the casing.

Step 10

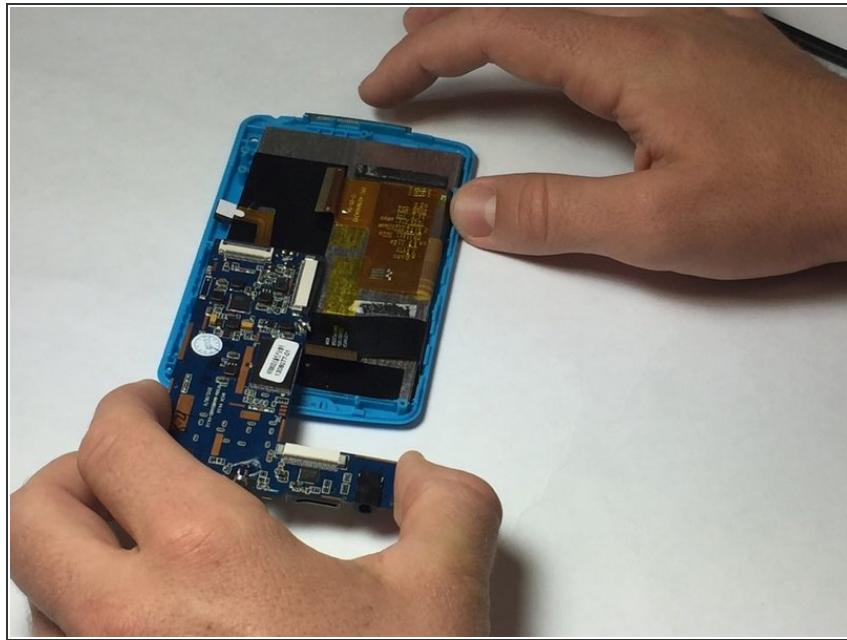


- Using a spudger or a fingernail, detach the two ribbons from the motherboard by pushing the plastic tab away from the Zero Insertion Force connectors.

ⓘ As the name implies, no force is needed to plug in or remove the cable.

⚠ Be sure you are prying the plastic tabs connected tab and not the connector itself.

Step 11



- Now carefully remove the motherboard.

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