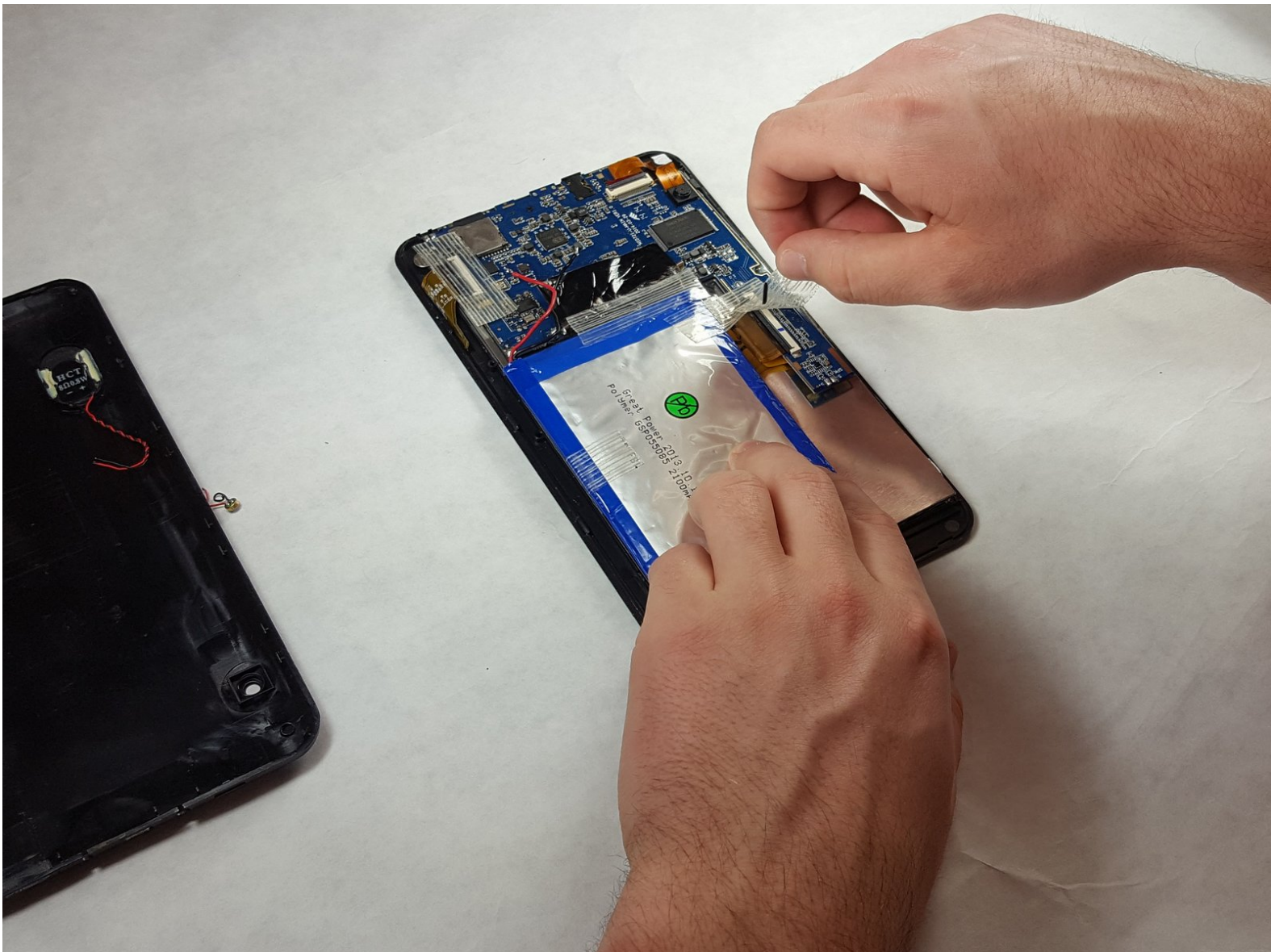




DigiLand DL700D Motherboard Replacement

How to replace a motherboard in the Digiland DL700D.

Written By: Justin Edwards



INTRODUCTION

This guide will show how to replace the mainboard in the event of failure. The process is relatively simple, though some soldering will be required. It is advised to review soldering techniques [here](#).



TOOLS:

- [Desoldering Braid](#) (1)
- [Solder](#) (1)
- [Soldering Iron](#) (1)
- [Spudger](#) (1)
- [Portable Soldering Iron](#) (1)
- [iFixit Opening Tools](#) (1)



PARTS:

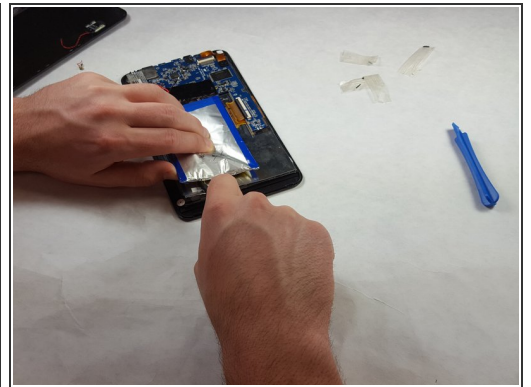
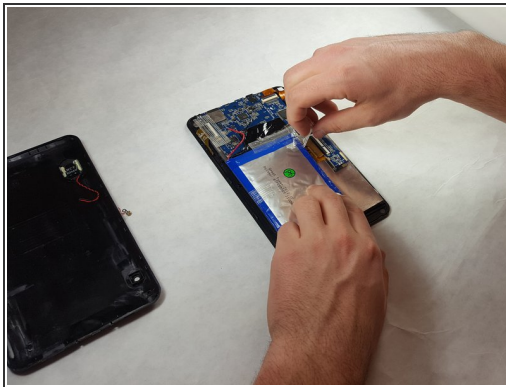
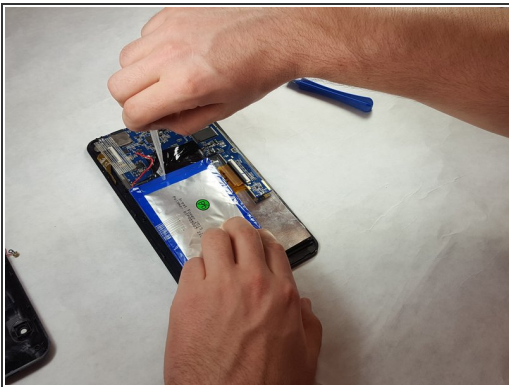
- [Kapton Tape](#) (1)
- [1xDigiland DL700D Mainboard](#) (1)

Step 1 — Battery



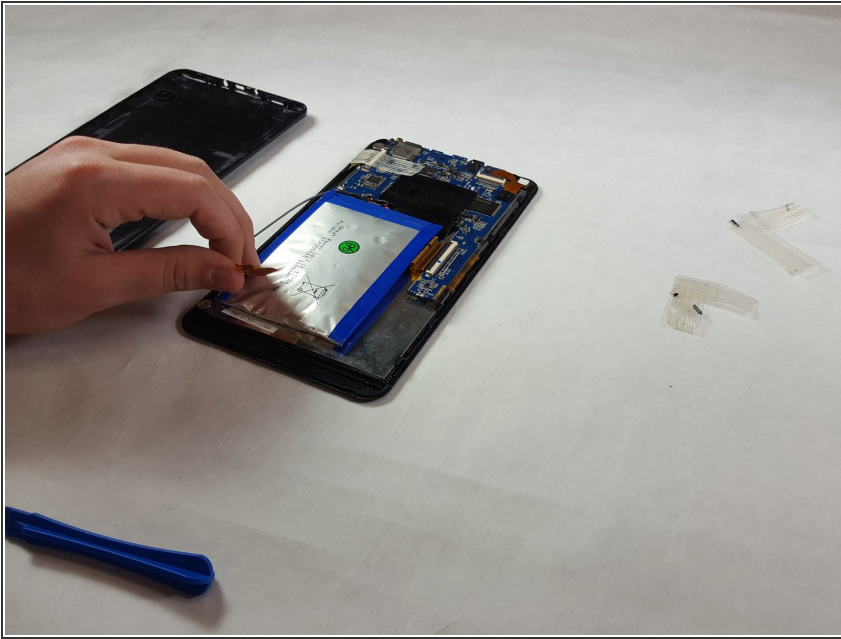
- Remove the device's back cover using the plastic opening tool.

Step 2



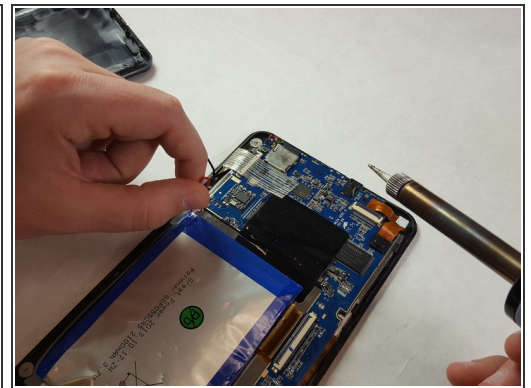
- Remove the three pieces of adhesive placed over the edges of the battery.

Step 3



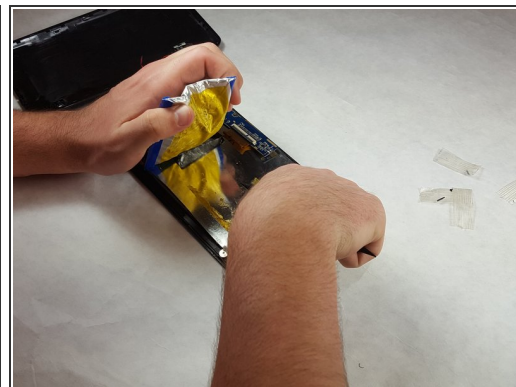
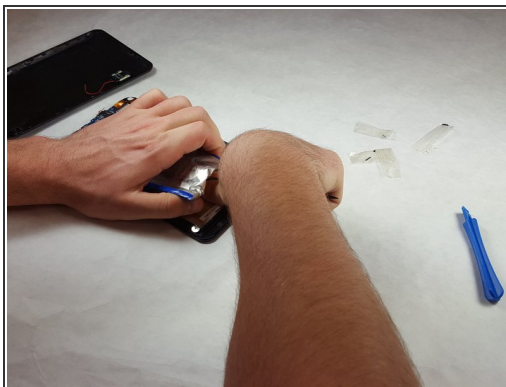
- Remove the wifi antenna from the bottom of the battery.

Step 4



- Heat up the soldering iron, proceed to desolder and remove the battery connections.

Step 5

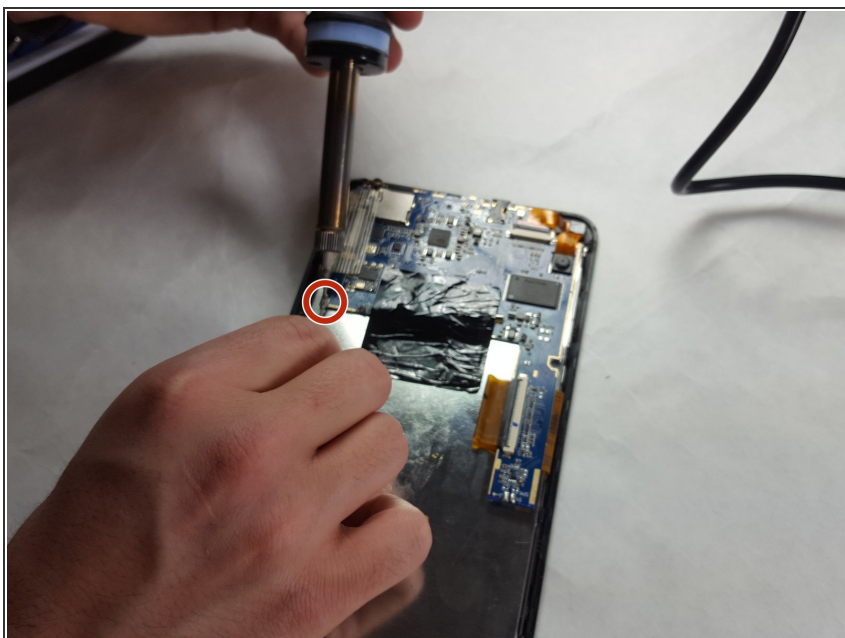


- Remove the battery from the casing using a nylon spudger.

⚠ Be careful not to puncture the battery casing.

- Carefully peel the battery free from the casing.

Step 6 — Motherboard



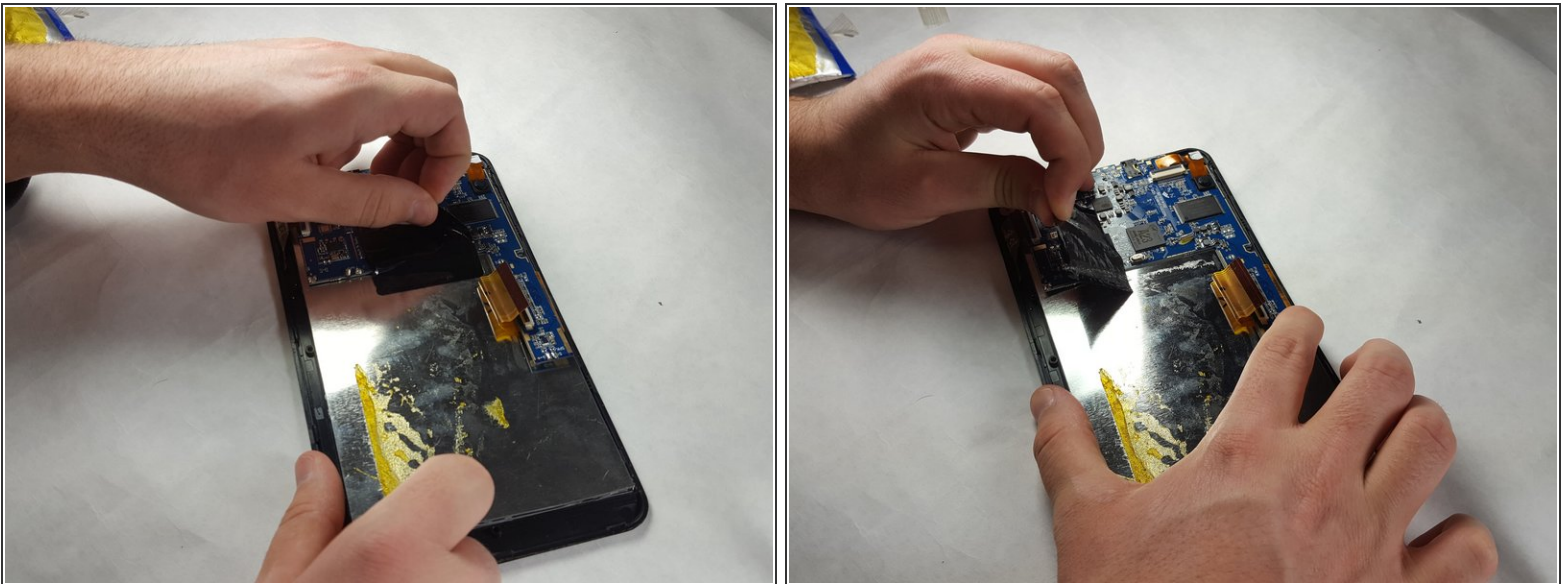
- Desolder the WiFi antenna from the motherboard.

Step 7



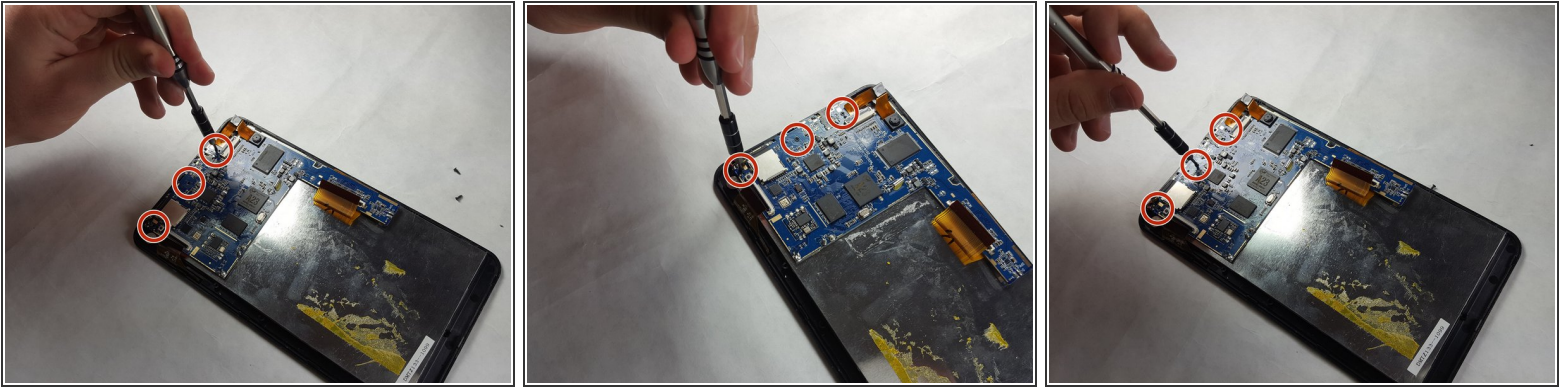
- Remove 3 ribbon cables attached to the motherboard by lifting the plastic retainer, then pulling the cable out.

Step 8



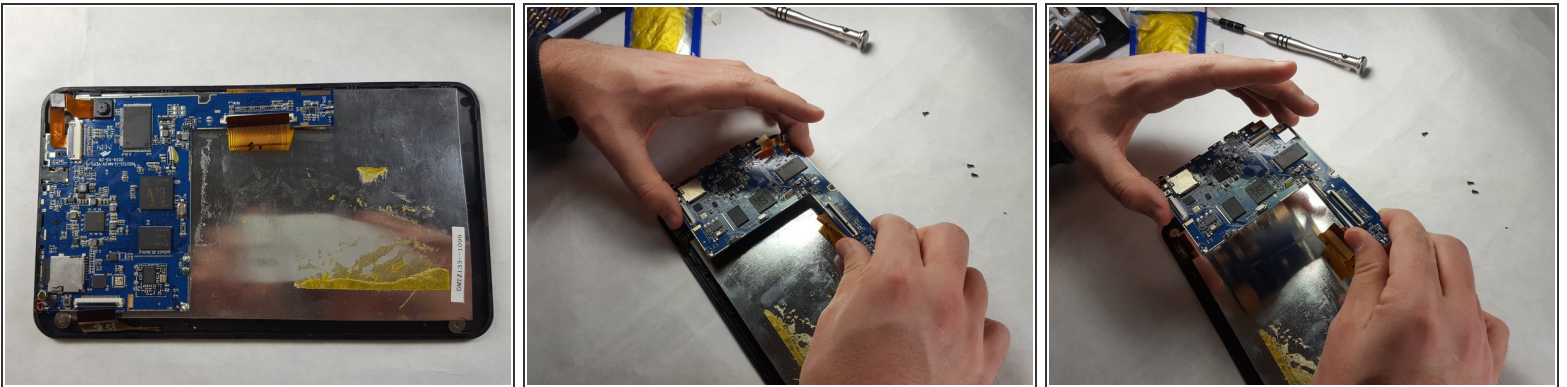
- Remove adhesive attaching the motherboard to the casing.

Step 9



- Remove the three 2.5 mm Phillips #1 screws holding the motherboard to the case.

Step 10



- Remove motherboard from the case and replace.

To reassemble, follow these instructions in reverse order.