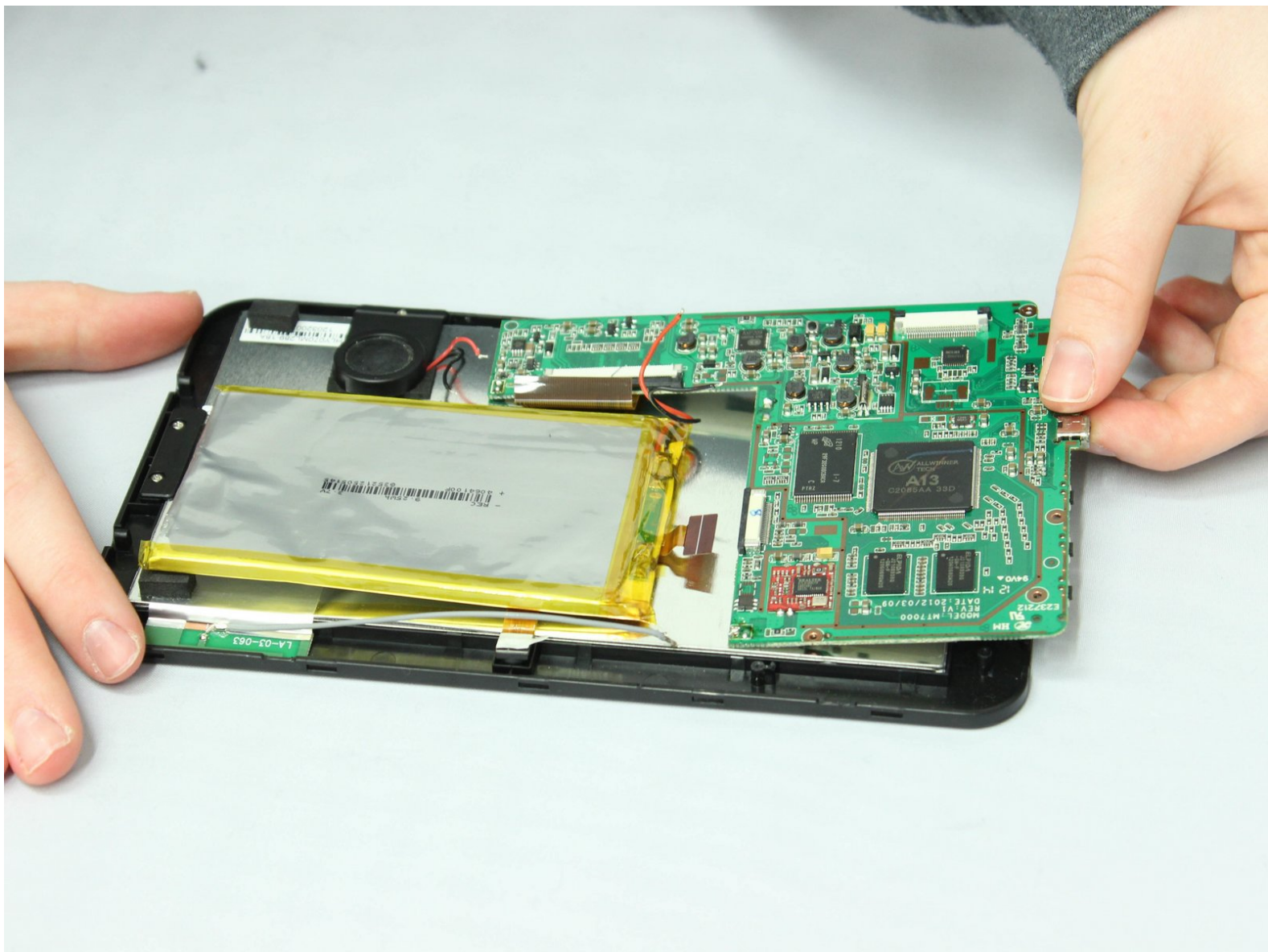




# Polaroid PTAB7XC Motherboard Replacement

Have you tried everything and your device still does not respond as it should? Replacing the motherboard can help re-establish necessary connections for a smoothly running tablet.

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## INTRODUCTION

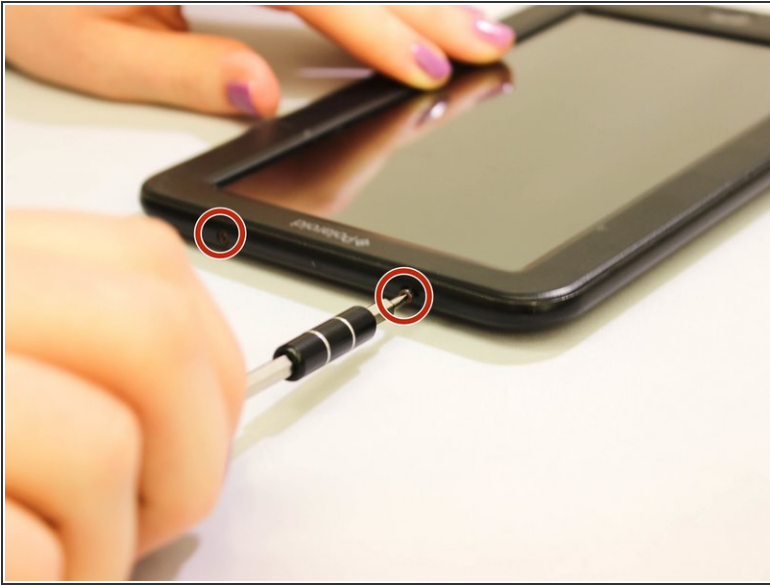
This replacement process calls for soldering electronic components and smelly adhesive. Attempt if comfortable working with a soldering gun and fine details. For more information about desoldering, see [this helpful guide](#).

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### TOOLS:

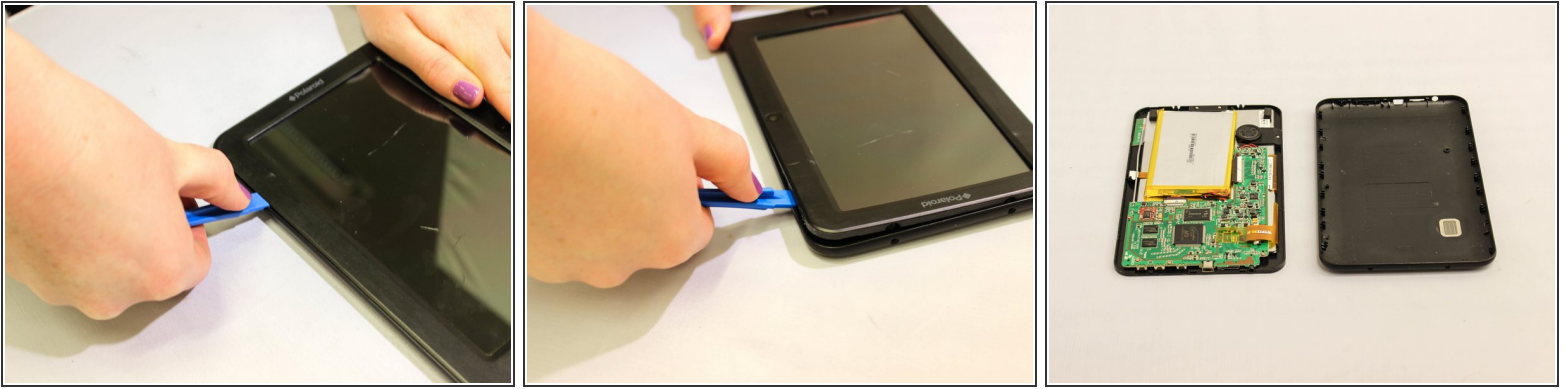
- [Tweezers](#) (1)
  - [Soldering Iron](#) (1)
  - [Solder Vacuum](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [64 Bit Driver Kit](#) (1)
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## Step 1 — Motherboard



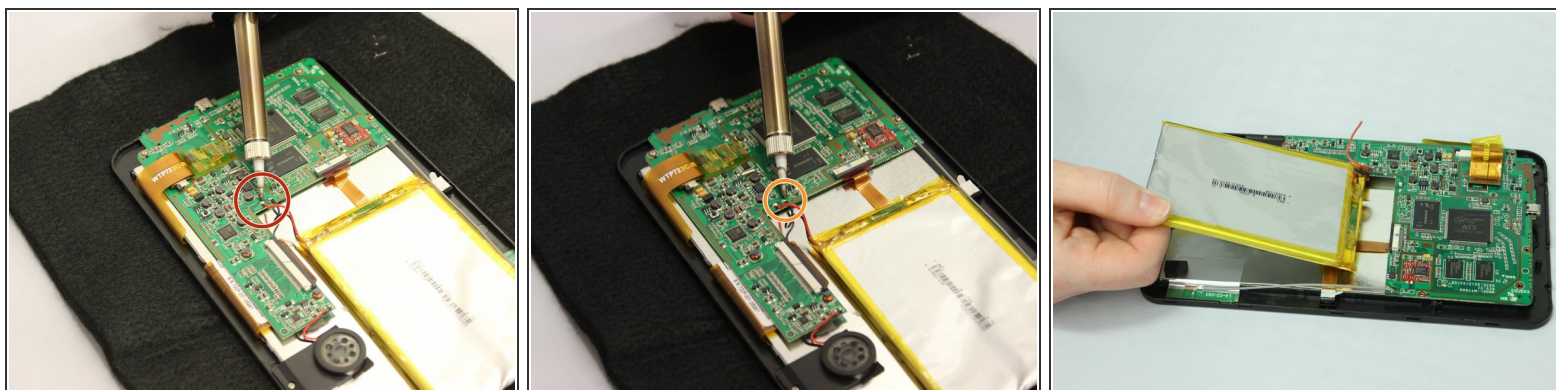
- Remove the two 7 mm screws on the top of the device using a J00 Phillips screwdriver to turn them counterclockwise.
- ⓘ If the screw heads have corroded or been stripped, it may be necessary to use a larger screwdriver head, such as the J0.

## Step 2



- Pry the seam between the screen and the case on all four sides with a large plastic opening tool until the plastic case comes off.
  - Lift the device off of the case and flip over the device so that it sits screen side down.
  - The device is now free from the plastic casing.
- i** The power and/or volume buttons may fall out at this point. There is no problem with this; however, be sure to remember to reinstall them when reassembling the device.

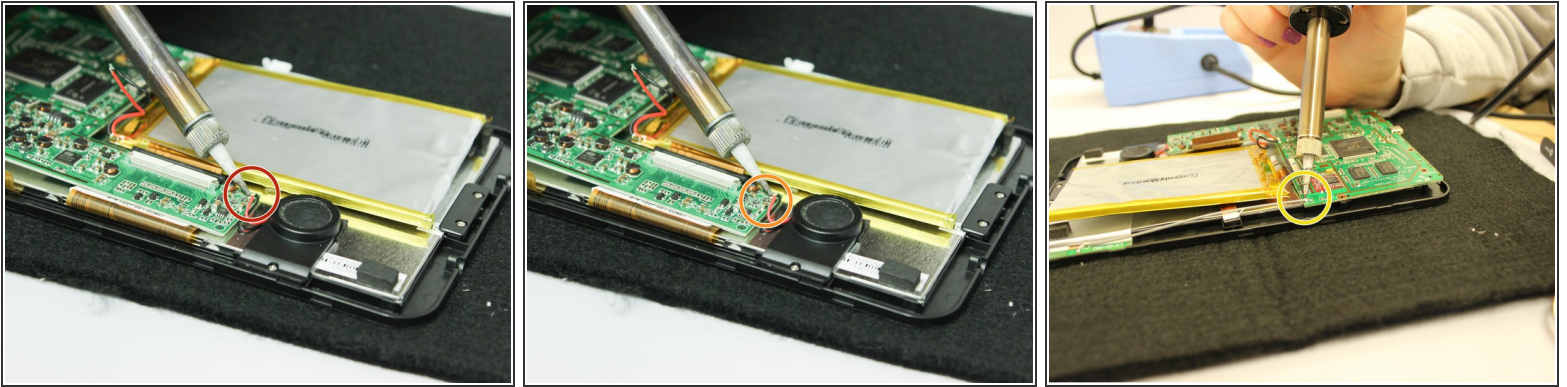
## Step 3



- Set the device on a heat safe surface.
  - [Desolder](#) from the motherboard the red wire that connects to the battery unit.
  - Desolder from the motherboard the black wire that connects to the battery unit.
- i** If either of the wires do not come completely free when desoldering, use tweezers to gently pull them free.

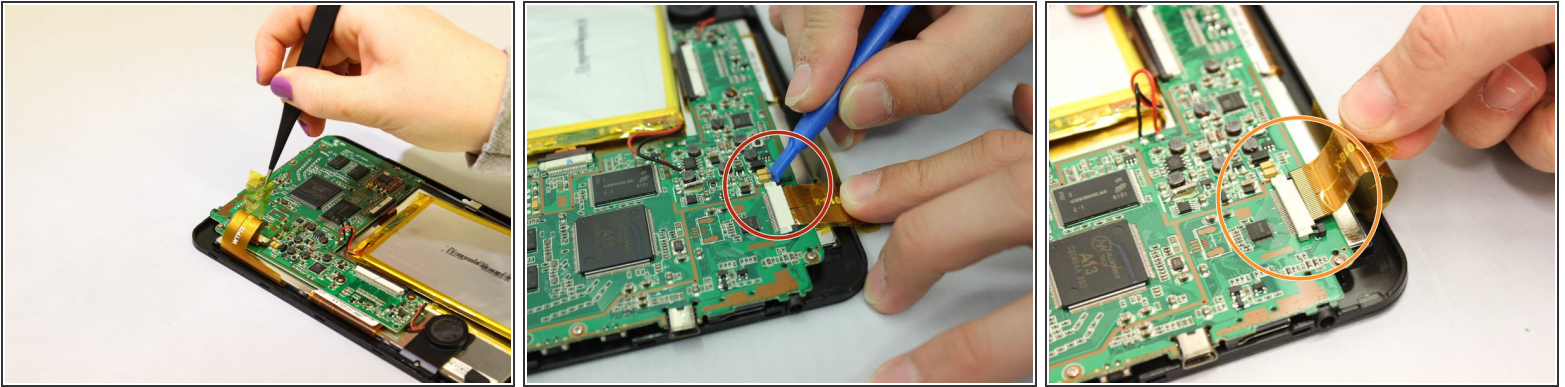


## Step 4



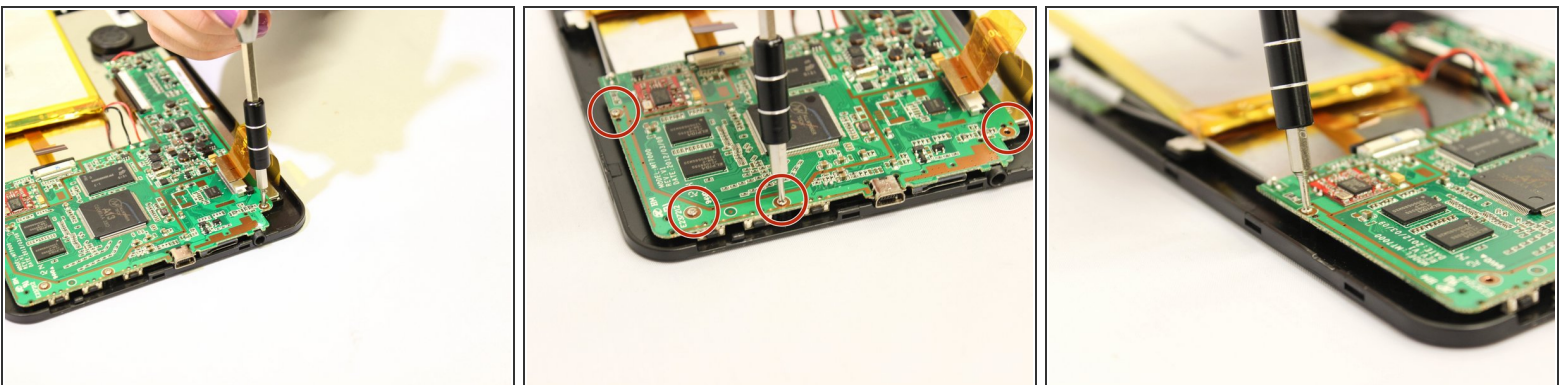
- [Desolder](#) the following components from the motherboard.
  - Desolder from the motherboard the red wire that connects to the speaker unit.
  - Desolder from the motherboard the black wire that connects to the speaker unit.
  - Desolder from the motherboard the gray wire that runs along the edge of the device.
  - The motherboard will now be detached from any wires connecting to the device.
- i** If any of the wires do not detach completely during the desoldering process, then gently pull them off using tweezers.

## Step 5



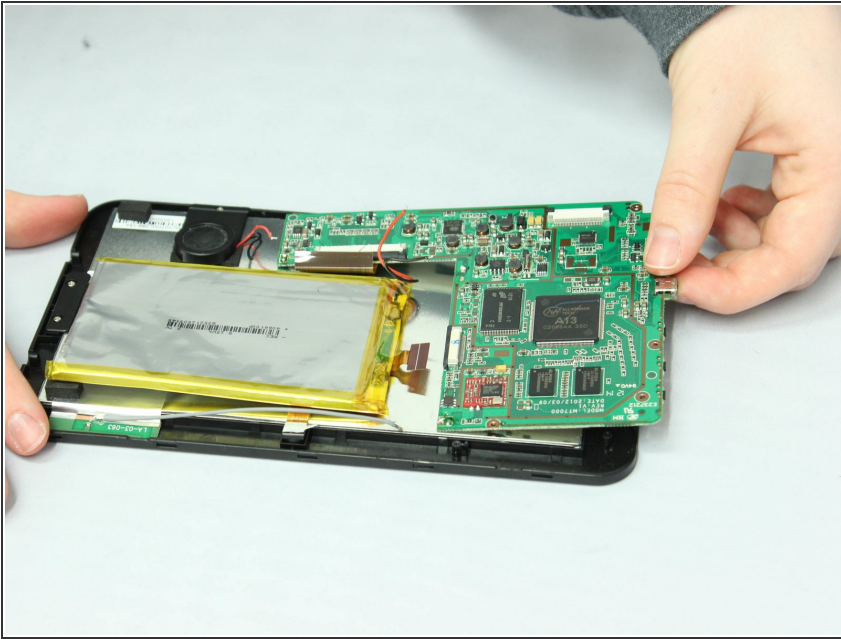
- Use tweezers to unstick the medium width yellow ribbon cable from the motherboard
- Use a small plastic opening tool to slide the two small black holding clips off of the white connector to which the medium width yellow ribbon cable is attached.
- Use your fingers to gently pull the medium width yellow ribbon cable out of the white connector.
- Repeat the last two actions to disconnect the narrower yellow ribbon cable **and** the wider yellow ribbon cable from the motherboard.
- The motherboard will now be detached from any ribbon cables connecting to the device.

## Step 6



- Use the PH000 screwdriver remove the four 5 mm screws along the bottom edge of the motherboard, turning them counterclockwise.

## Step 7



- Using your index finger and thumb, lift the motherboard out of the device.

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