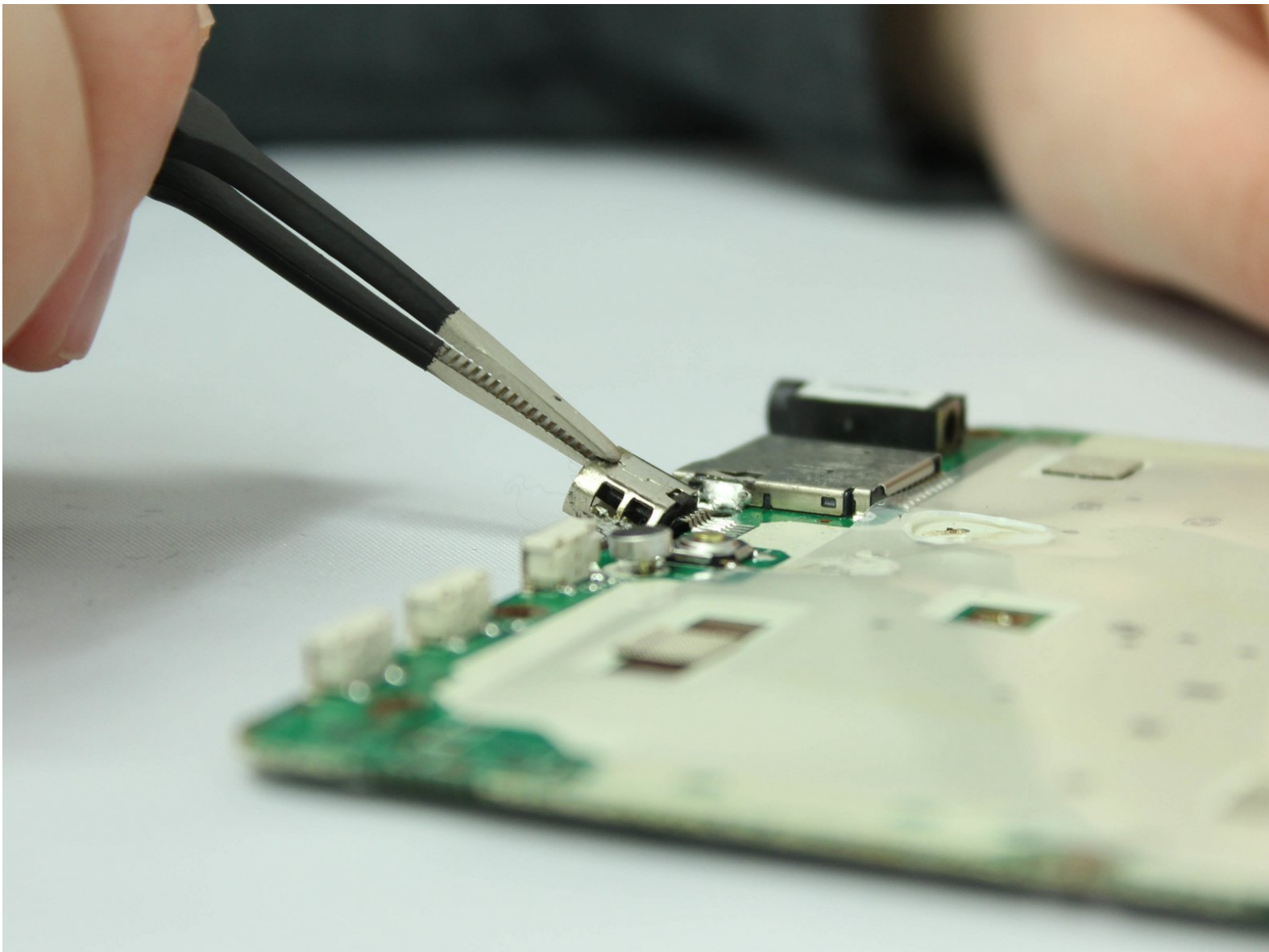




Polaroid PTAB7XC USB Port Replacement

A loose USB port or a port that won't respond to other devices can be swapped out for a functional port.

Written By: Meg Lybbert



INTRODUCTION

This replacement process calls for soldering electronic components and very steady hands. For more information about desoldering, take a look at [this helpful guide](#).



TOOLS:

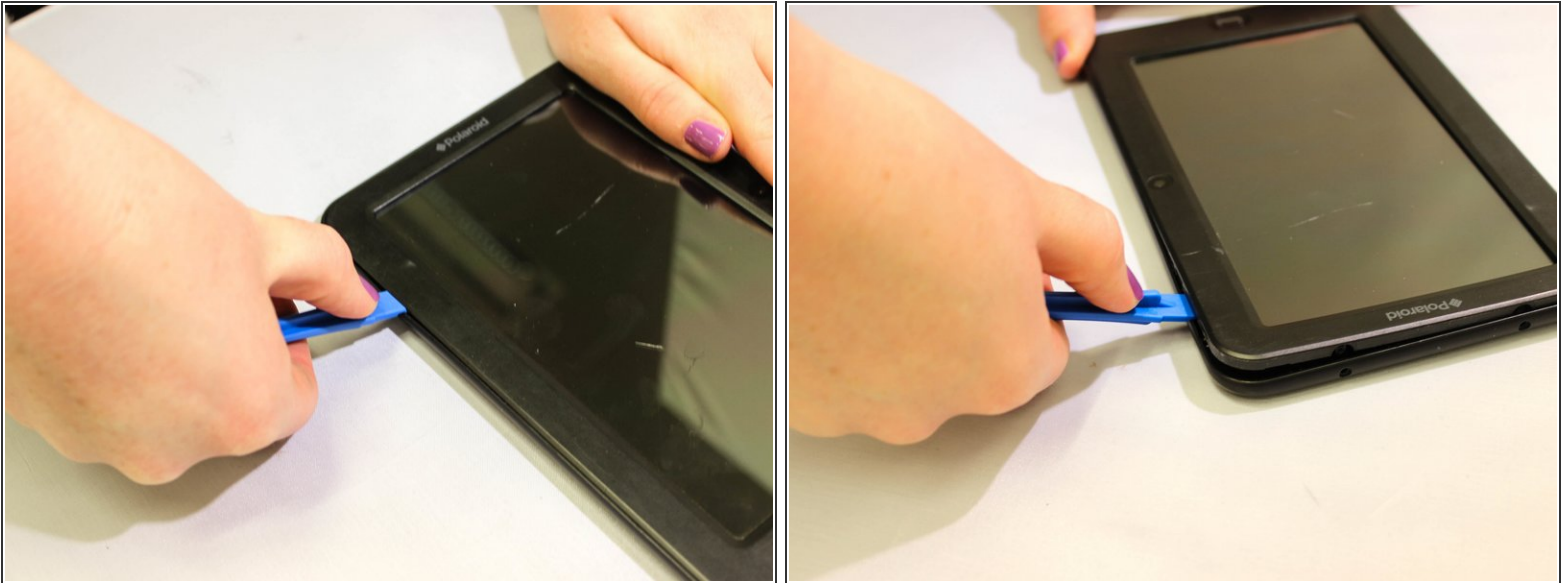
- [Tweezers](#) (1)
 - [Soldering Iron](#) (1)
 - [Solder Vacuum](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [64 Bit Driver Kit](#) (1)
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Step 1 — USB Port



- Remove the two 7 mm screws on the top of the device using a J00 Phillips screwdriver, turning the screws 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



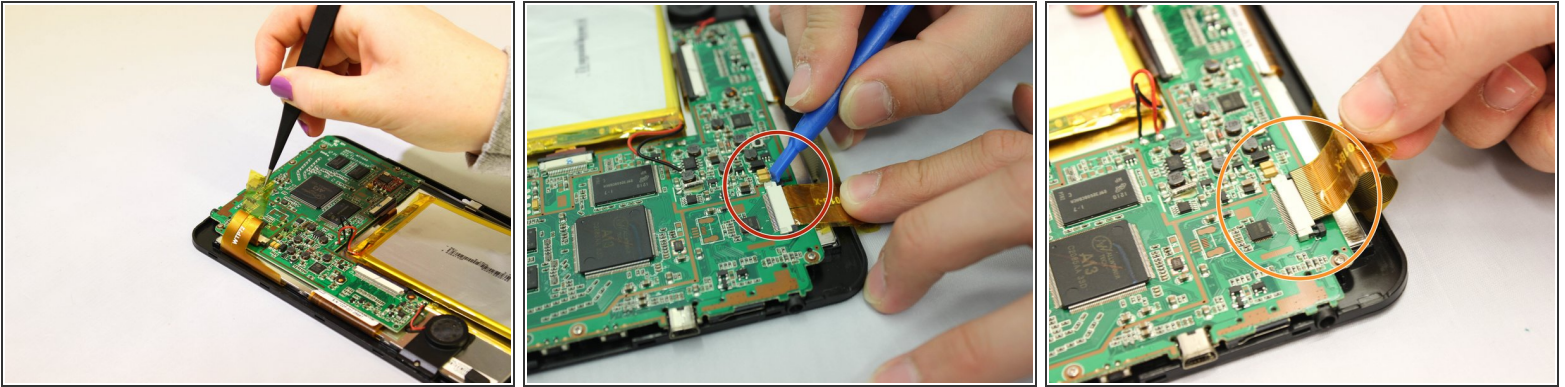
- Pry the seam between the screen and the case on all four sides with a large plastic opening tool until the plastic case comes off.
- Lift the device off of the case and flip over the device so that it sits screen side down.
- The device is now free from the plastic casing.
- ⓘ The power and/or volume 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



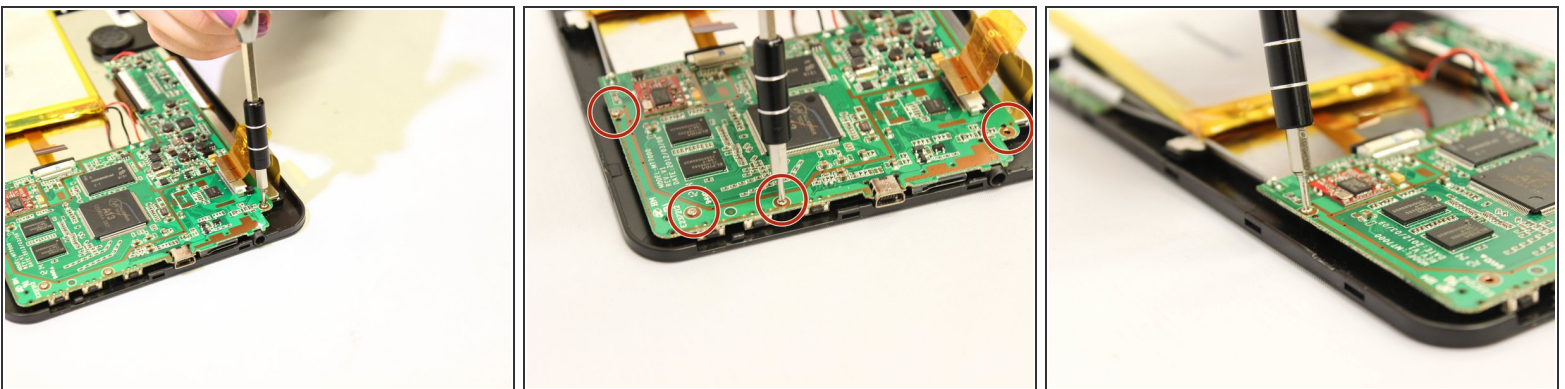
- [Desolder](#) the following components from the motherboard.
- Desolder from the motherboard the red wire that connects to the speaker unit.
- Desolder from the motherboard the black wire that connects to the speaker unit.
- Desolder from the motherboard the gray wire that runs along the edge of the device.
- 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.
- 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 4



- 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 and battery will now be detached from any ribbon cables connecting to the device.

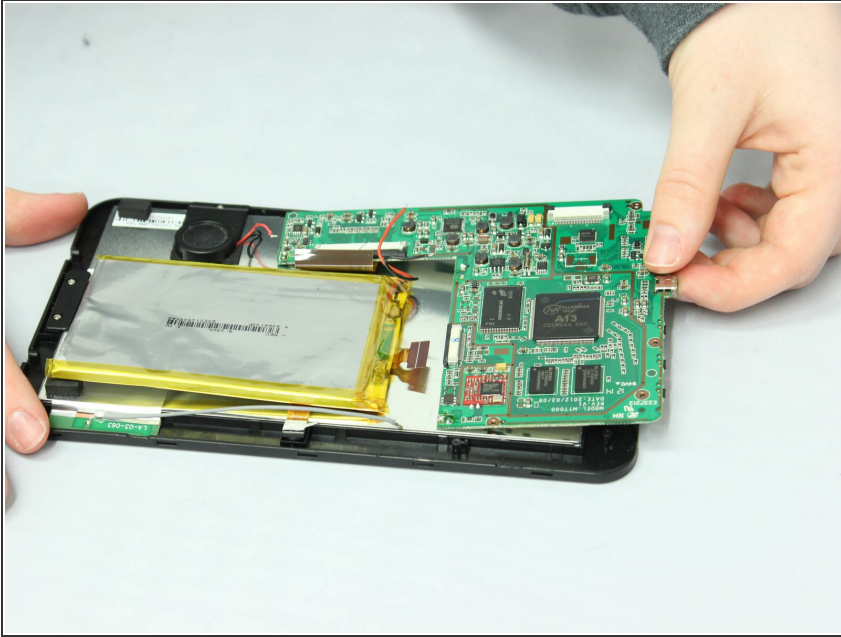
Step 5



- Use the PH000 screwdriver remove the four 5 mm screws along the bottom edge of the motherboard, turning the screws counterclockwise.
- The motherboard is now detached from the device.

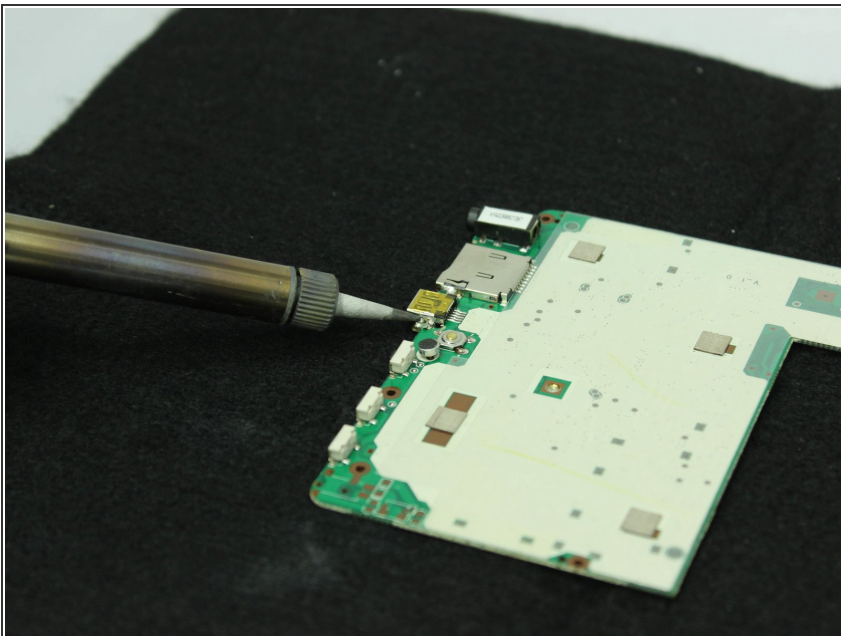
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Step 6



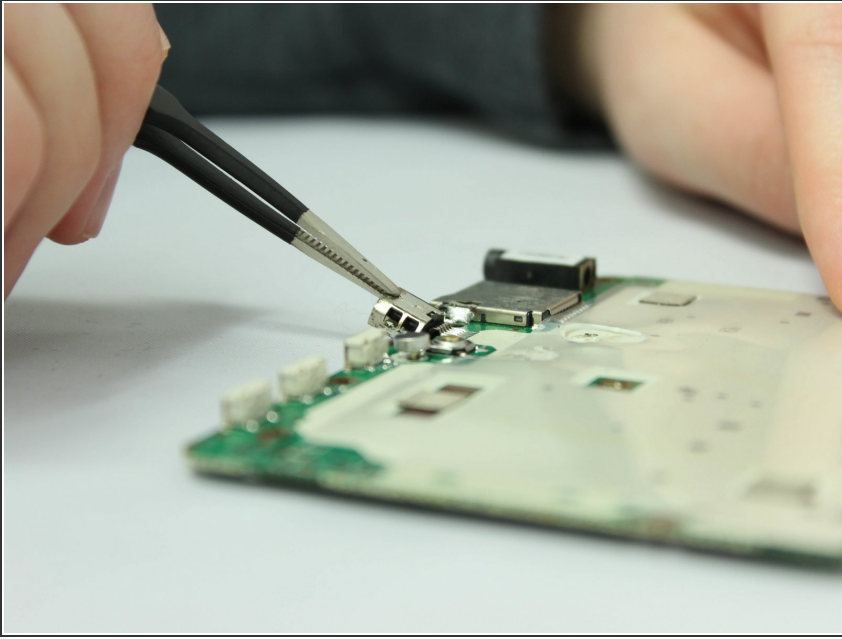
- Lift the motherboard out of the device using your hands.
- Set the motherboard down on a heat safe surface so that the gray side of the motherboard is face up.

Step 7



- [Desolder](#) each side of the USB port where it is attached to the motherboard.
- The USB port will now be loosened from the motherboard.

Step 8



- Using tweezers, pull the USB port straight out from the motherboard without wiggling it up, down, or side to side.
- ⓘ Wiggling the port may break the small connectors that remain attached to the motherboard.
- The USB port is now replaceable.

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