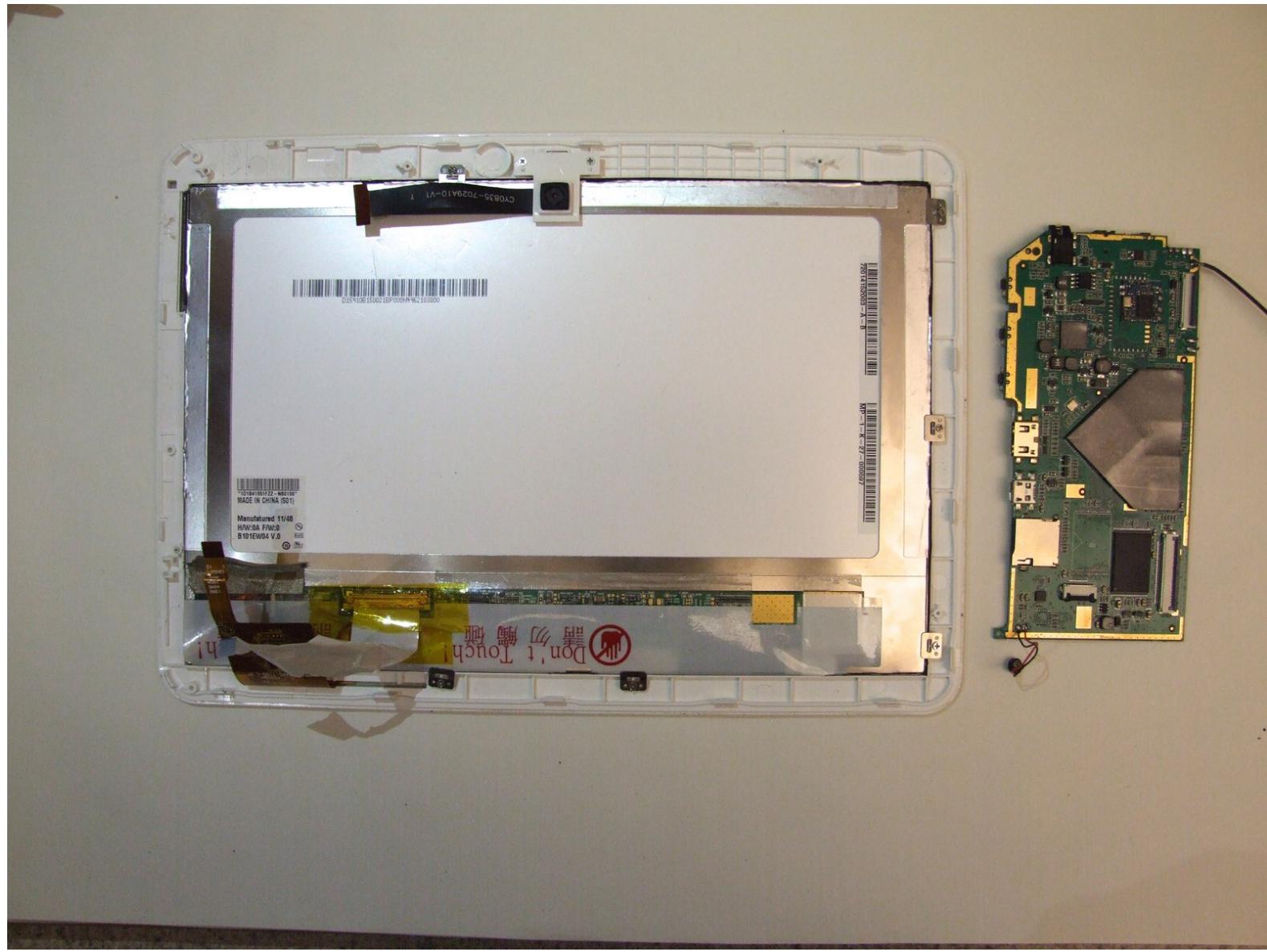




Tivax MiTraveler 10Q-8 Motherboard Replacement

This Guide will show you the steps to taking out the Mother Board.

Written By: Conor Langenbahn



 **TOOLS:**

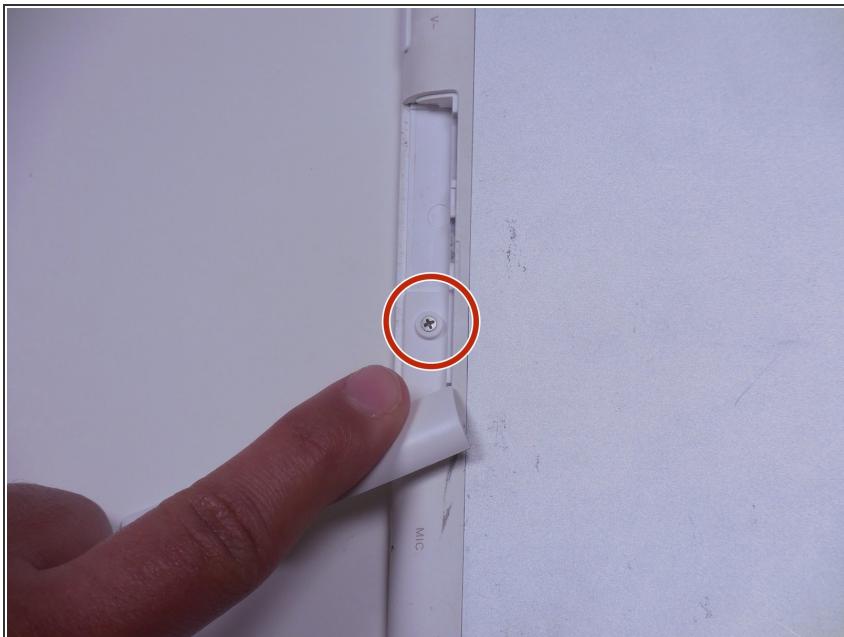
- #00 x 2-1/2" Phillips Head Screwdriver (1)
- PH000 Phillips head screwdriver (1)
- iFixit Opening Tools (1)
- solder kit (1)
- Spudger (1)

Step 1 — Rear Case



- With the device face down, slide the charging port cover off on the left side of device.

Step 2



- A phillips 2.88mm screw will be seen at the charging port.

Step 3



- Use a PH000 Philips head screwdriver to remove screw.
- (i)* Remember lefty loosey, righty tighty

Step 4



- Use the plastic opening tool between the back plate and front plate to pry the back plate off; start at the headphone jack.
- (i)* Make sure the lip of the plastic opening tool is face up.

Step 5



- Move around the device with the plastic opening tool pushing down to release the back plate from clips.

(i) You will hear popping sounds when you work around the device.

Step 6



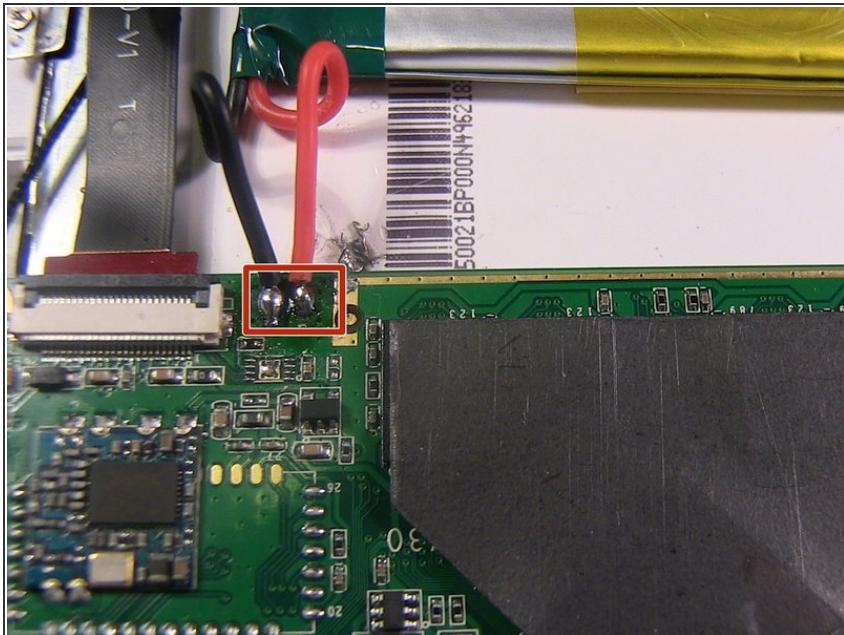
- Once you've moved around the whole device with the plastic opening tool, the back plate will completely release from the rest of the device.

Step 7 — Battery



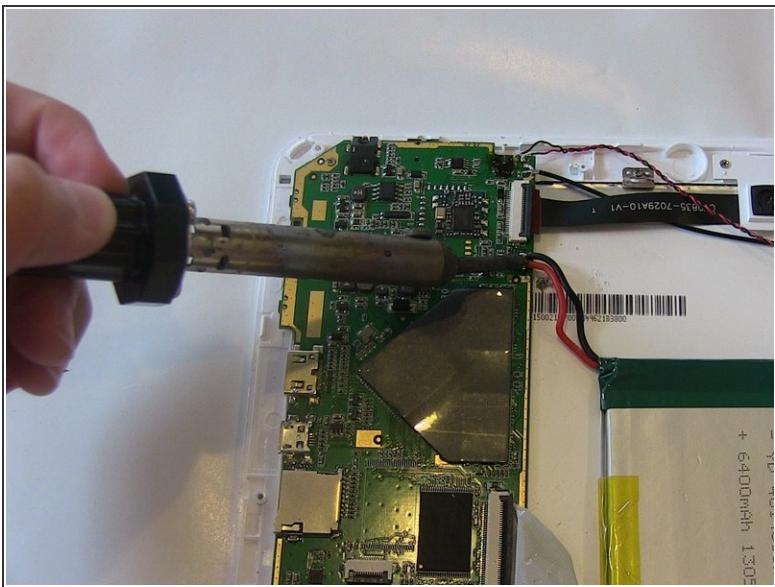
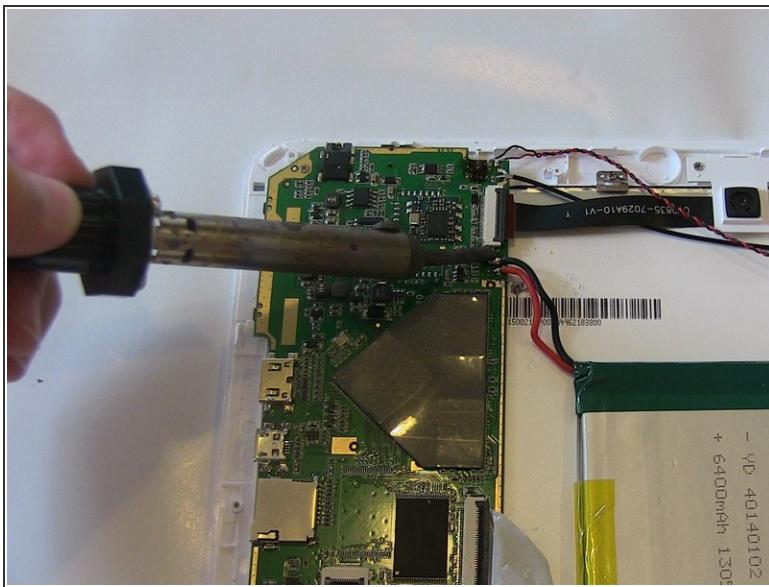
- The battery rests flat on the inside surface of the tablet. It is a rectangular shape and has blue and yellow tape.

Step 8



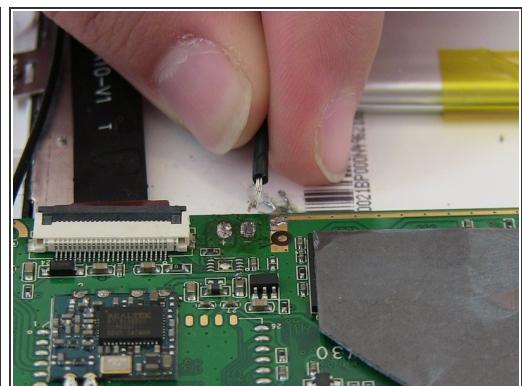
- There are two wires, one red and one black, that need to be desoldered from the motherboard that run to the battery.
- Review how to solder [here](#).

Step 9



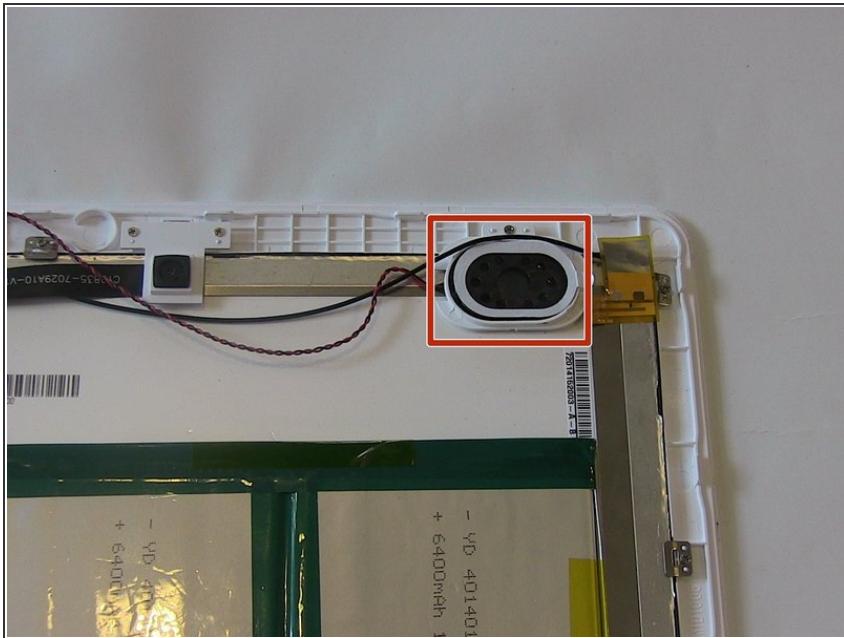
- Work the soldering gun on the red wire where it is connected to the motherboard. It should release from the motherboard.
- Work the soldering gun on the black wire where it is connected to the motherboard. It will release from the motherboard.

Step 10



- Once both wires have been desoldered, the battery can be removed from the device.

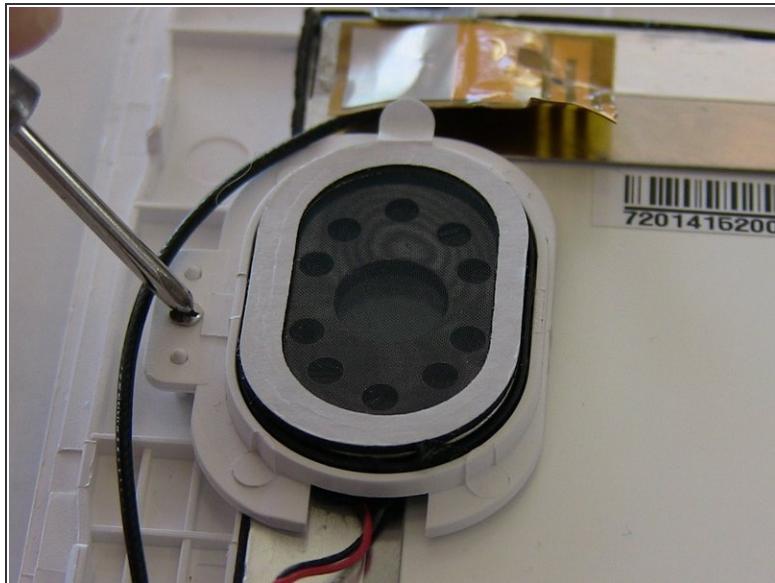
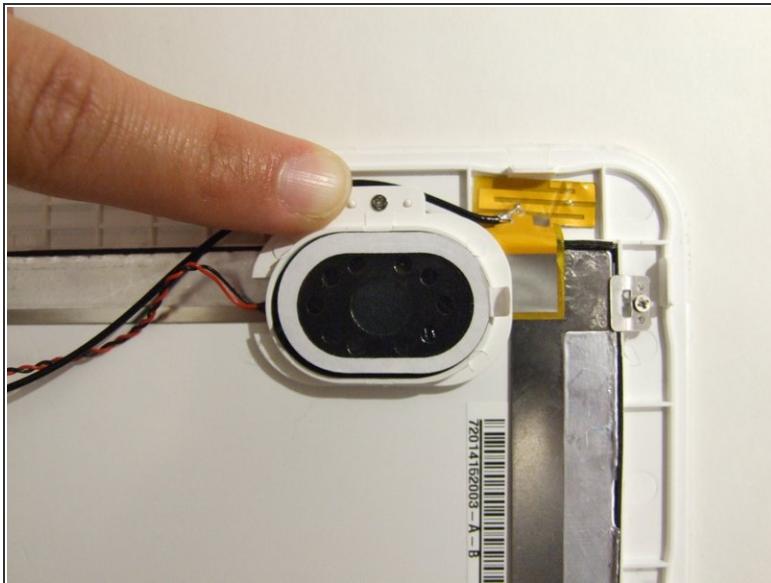
Step 11 — Speaker



- With the face of the device down, the speaker will be in the upper right corner. The black oval shaped object.

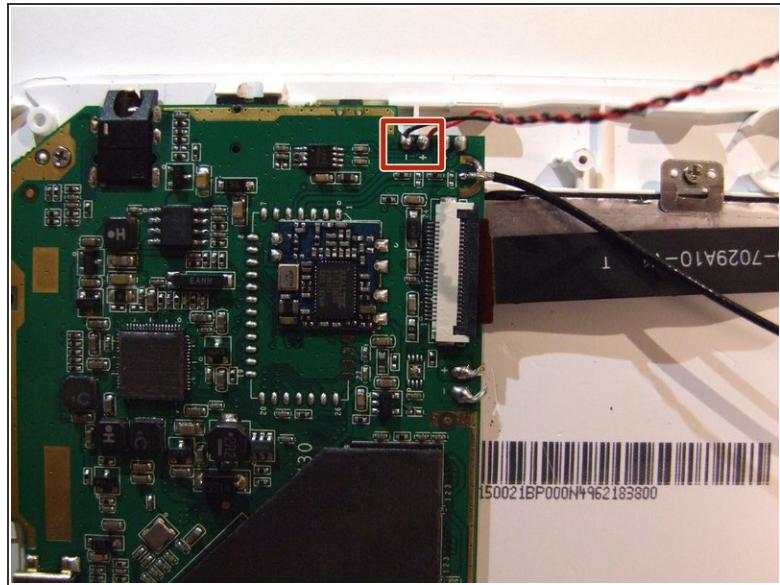
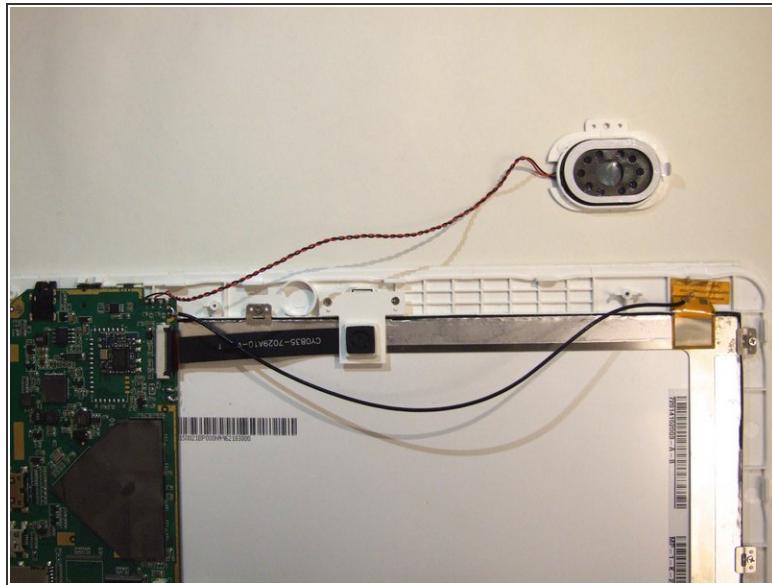
 Make sure Battery has been removed.

Step 12



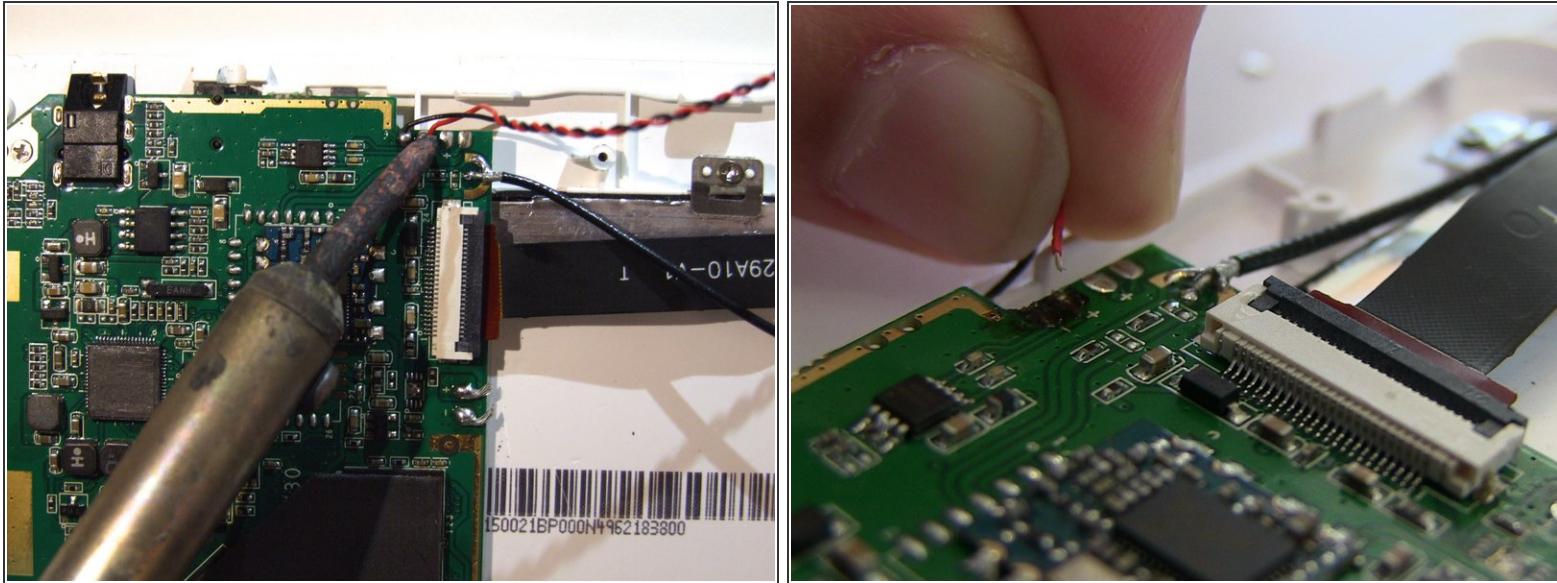
- A phillips 3.88 mm screw will be holding the speaker in place.
- Use a PH000 screwdriver to remove the screw.

Step 13



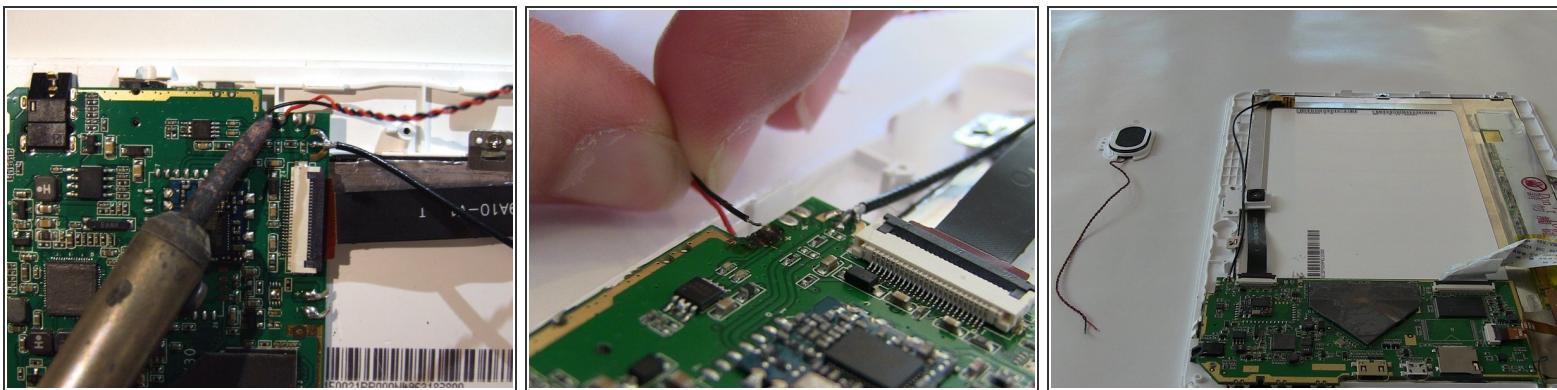
- The speaker will be connected to two wires; one black and one red. Both run to the motherboard.
- The wires will need to be soldered off the motherboard.
- Locate where both wires are soldered to the motherboard.
- Review [How to Solder Here](#)

Step 14



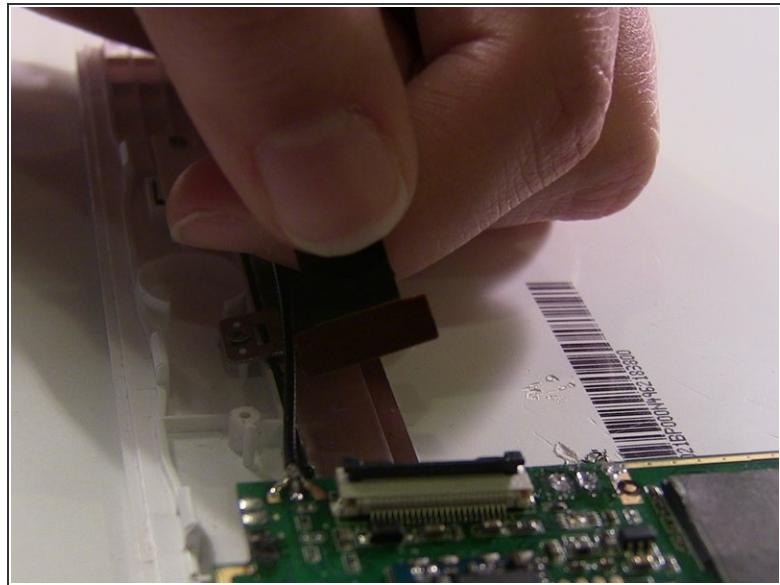
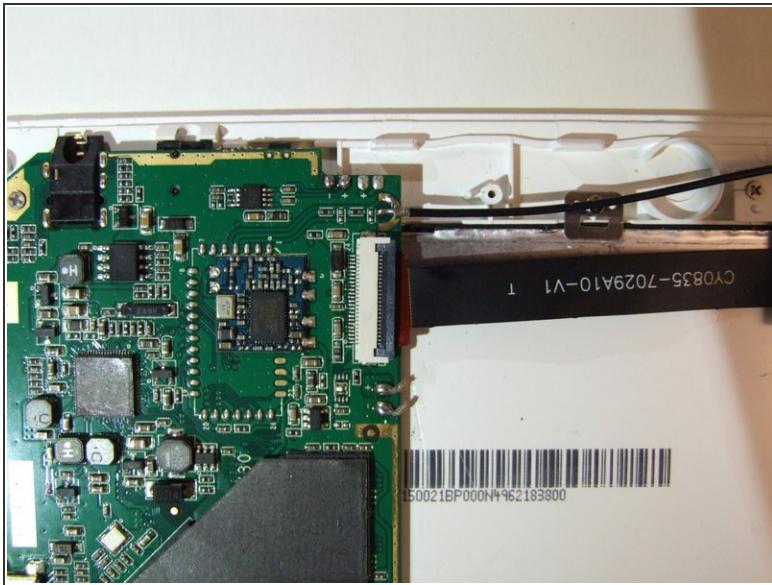
- Work the iron where the red wire is soldered
- The wire will release from the motherboard.

Step 15



- Work the iron where the black wire is soldered.
- The black wire will release from the motherboard.
- After both wires have been soldered off, the speaker will release from the device.

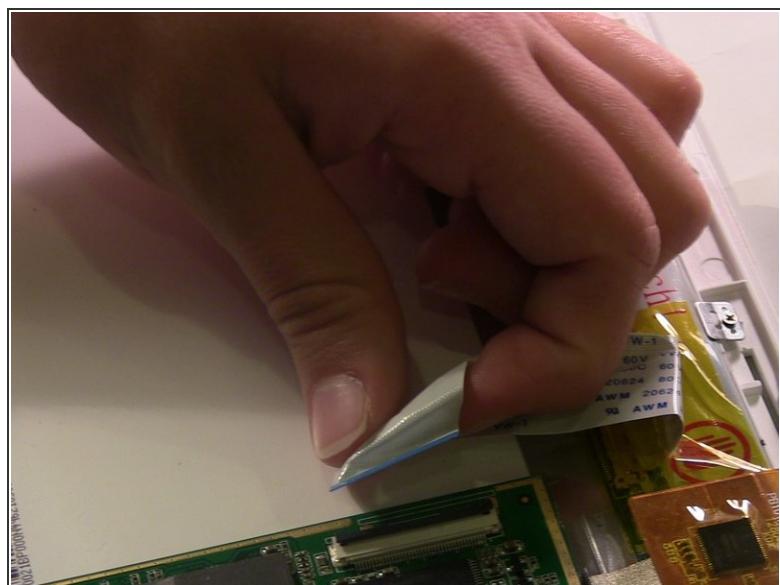
Step 16 — Motherboard



- Remove the black ribbon connector. Flip the black portion of the connector upward.
- Pull on the ribbon to remove from the connector.

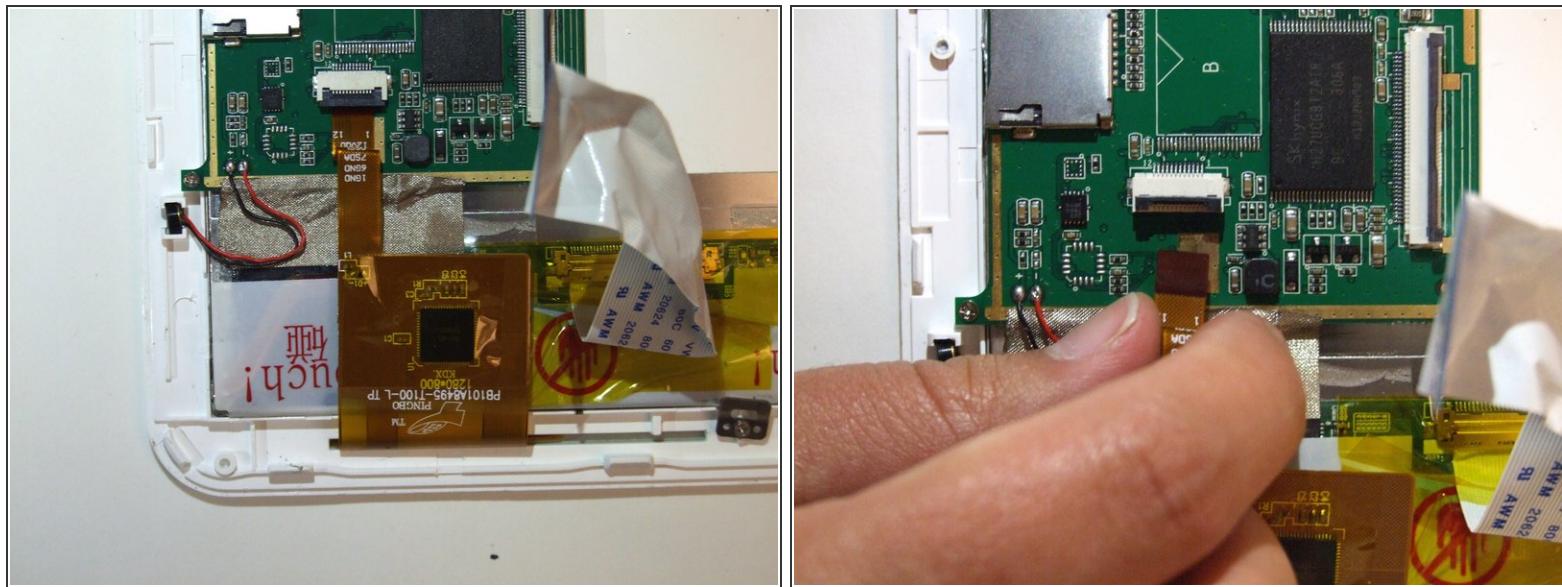
 Make sure battery has been removed.

Step 17



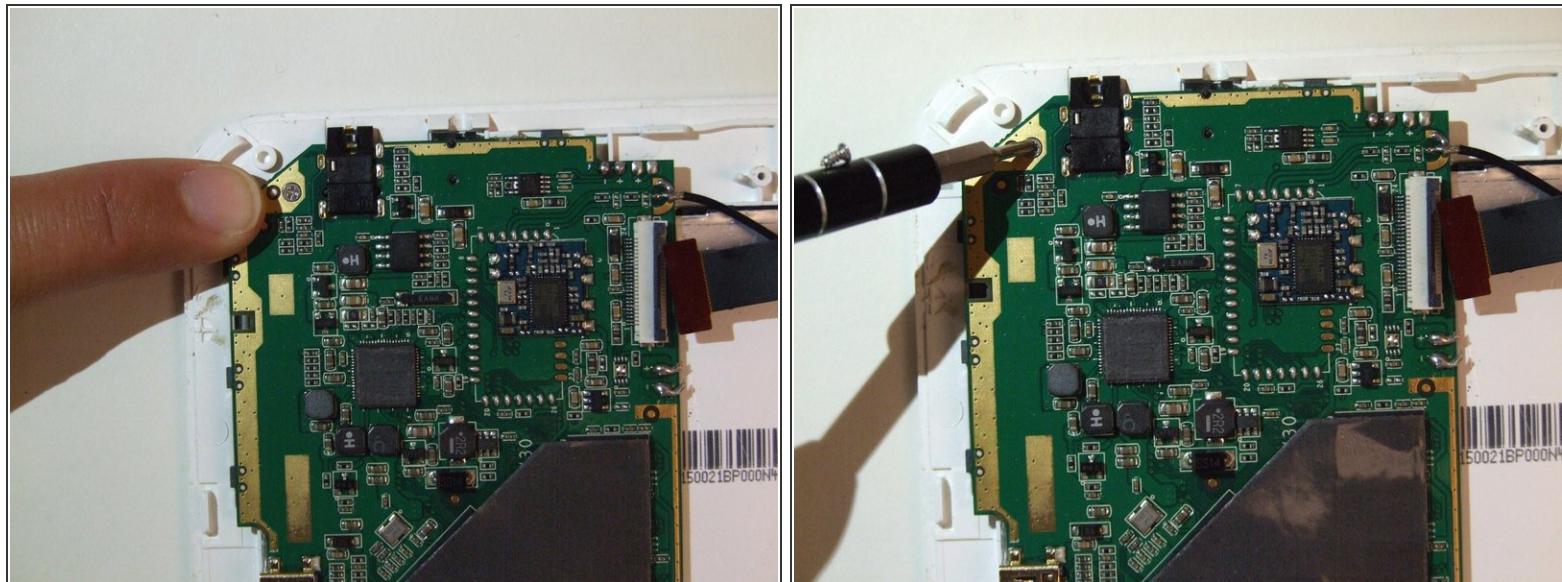
- Remove the White Ribbon Connector from the Mother Board.

Step 18



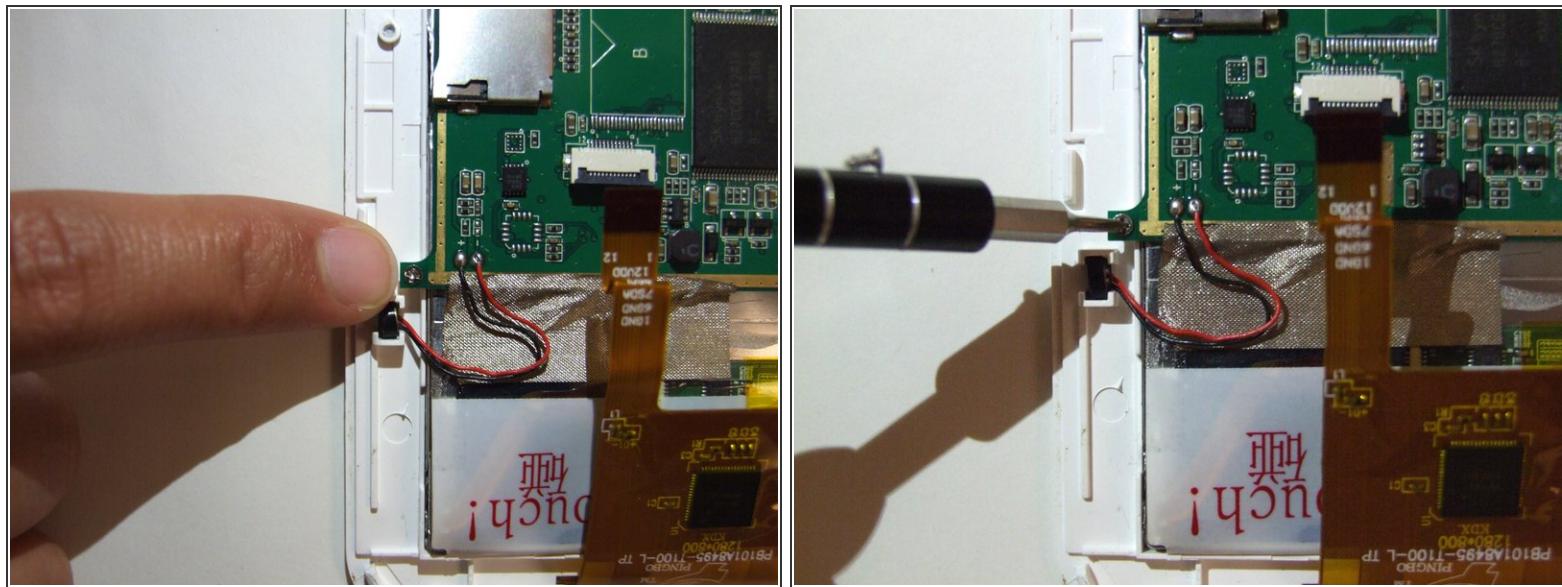
- Remove the Orange Ribbon Connector from the Mother Board.

Step 19



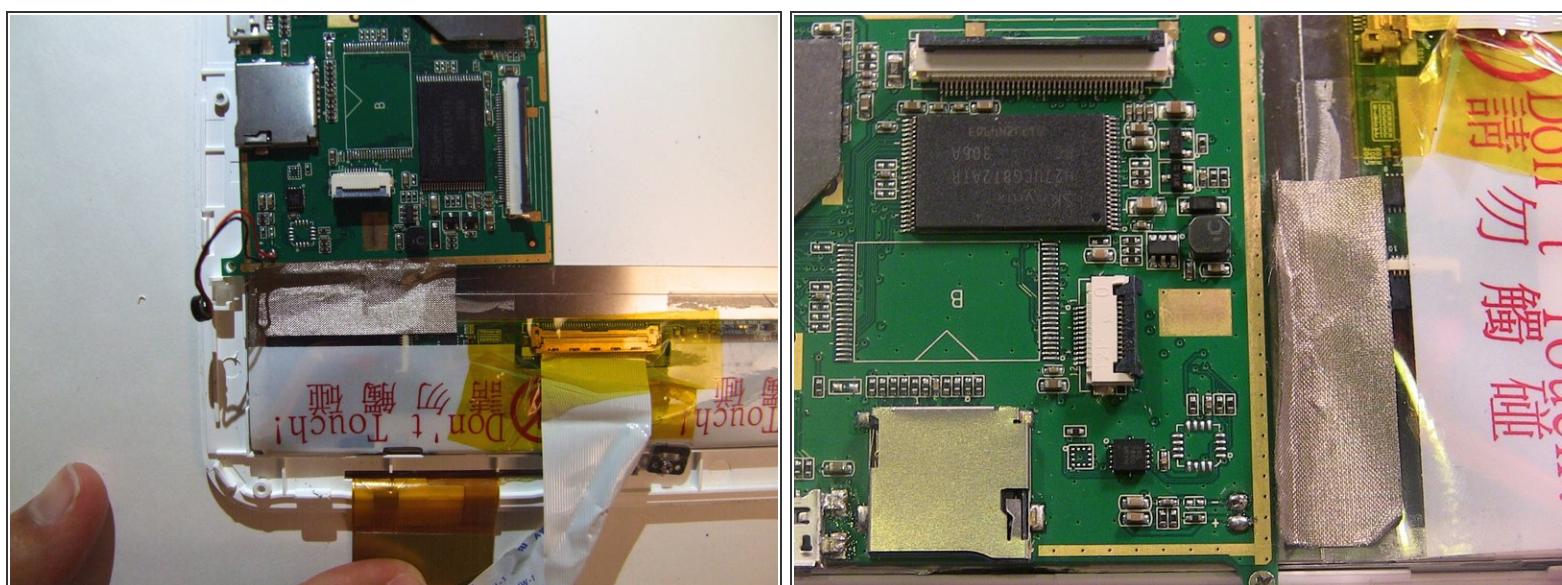
- A 2.88 mm phillips head screw will be located in the upper right hand corner of the mother board.
- Use a #00 screw driver with the PH000 screw head to remove the screw.

Step 20



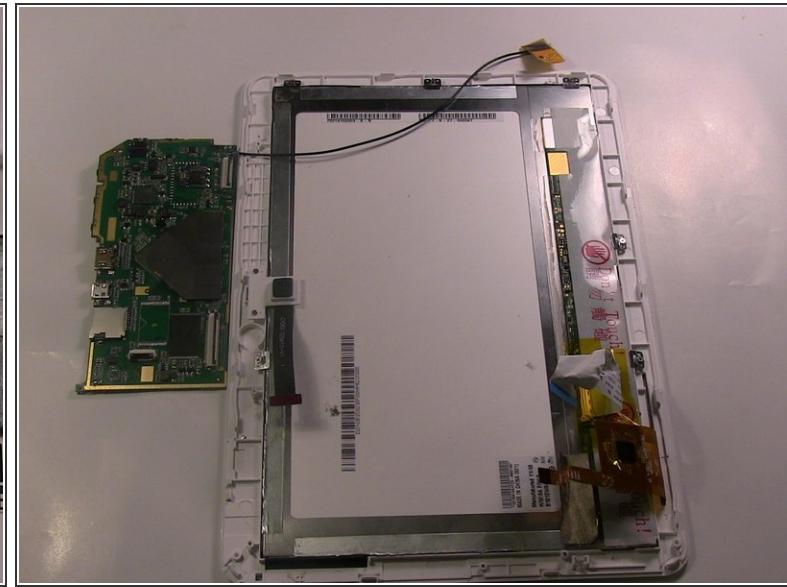
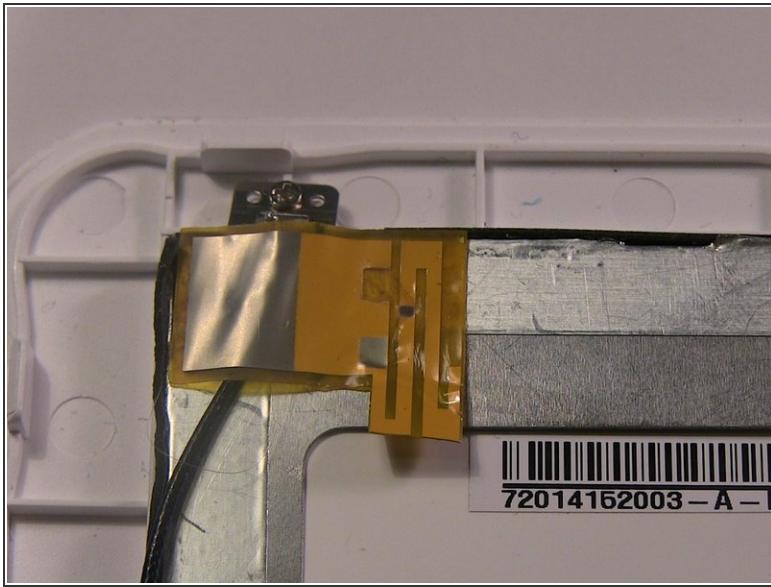
- A 2.88 mm phillips head screw will be seen on the lower left hand corner.
- Use the #00 screw driver with the PH000 screw head to remove the screw.

Step 21



- On the bottom of the motherboard, a strip of gold tape will be seen holding it to the device.

Step 22



- A black wire will be connected to the device and ran to a strip of orange tape on the upper right hand corner of the device.
- Remove the tape that holds the wire down.
- The mother board will remove from the device.

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