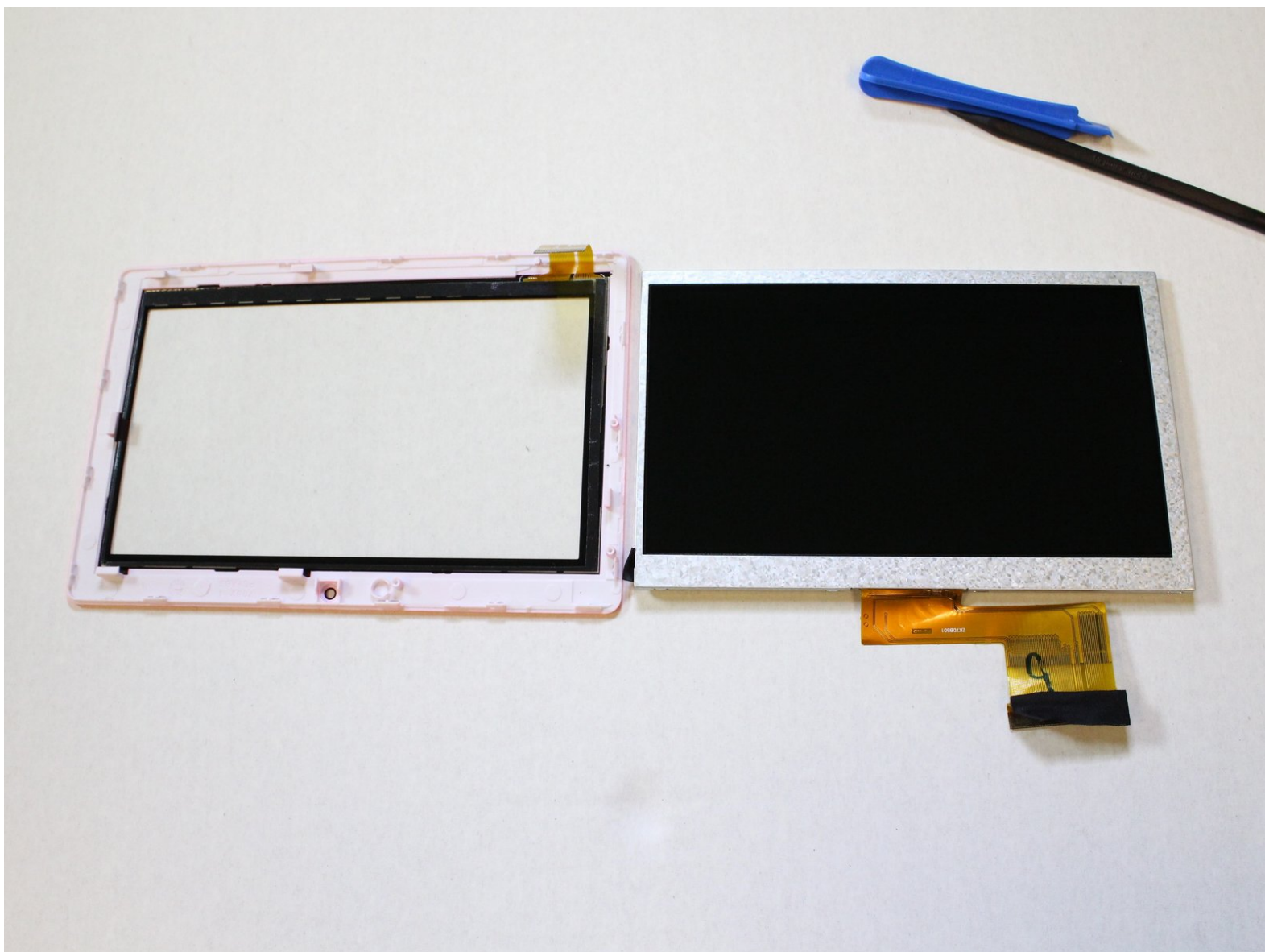




# Tagital T7X Screen/ Digitizer Replacement

Use this guide to replace the screen of your Tagital T7X.

Written By: Garven Dabady



# INTRODUCTION

Before you begin to replace the screen of your Tagital T7X be sure to review the Troubleshooting page to ensure that this is a valid solution. The screen will need to be replaced if the touch screen is not responsive or does not display anything. Some soldering is required. Good luck!

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## TOOLS:

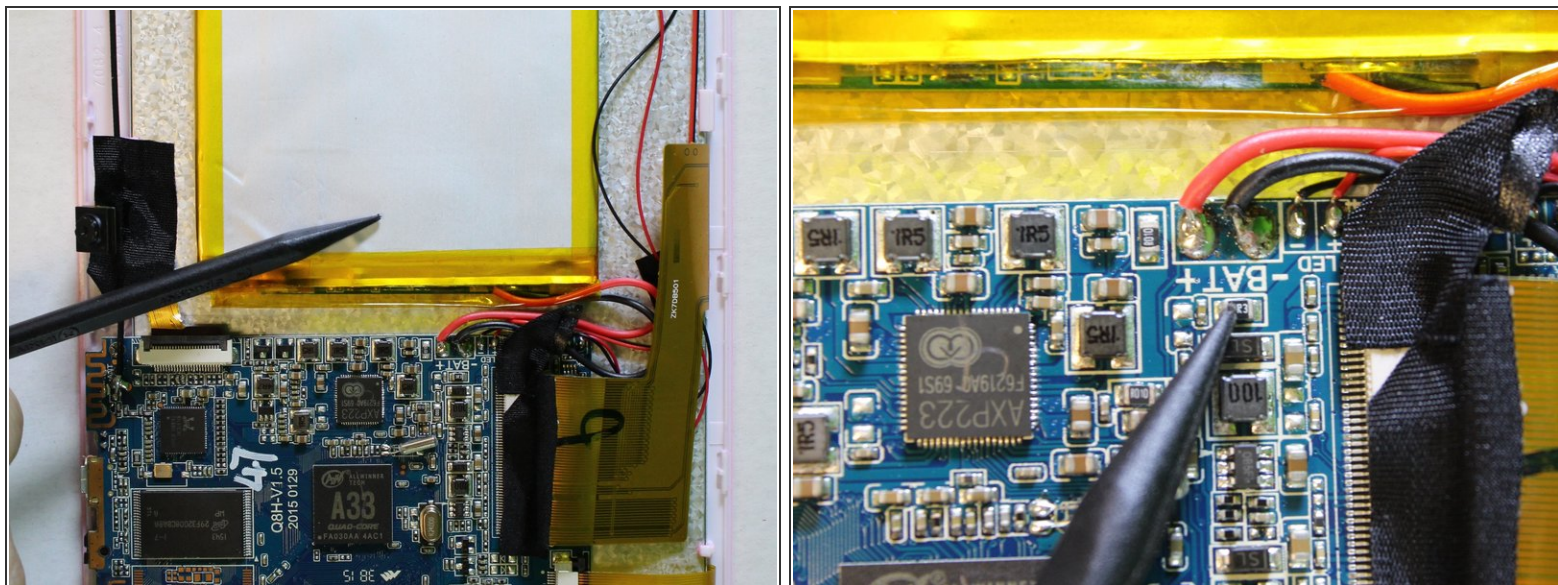
- [Phillips #0 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Solder](#) (1)
  - [Soldering Iron](#) (1)
  - [Spudger](#) (1)
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## Step 1 — Case



- Place the Tagital T7X on a sturdy surface.
- Insert the plastic opening tool into the crack and pry open the tablet. Move the tool along the edge, while continuing to pry up the casing.

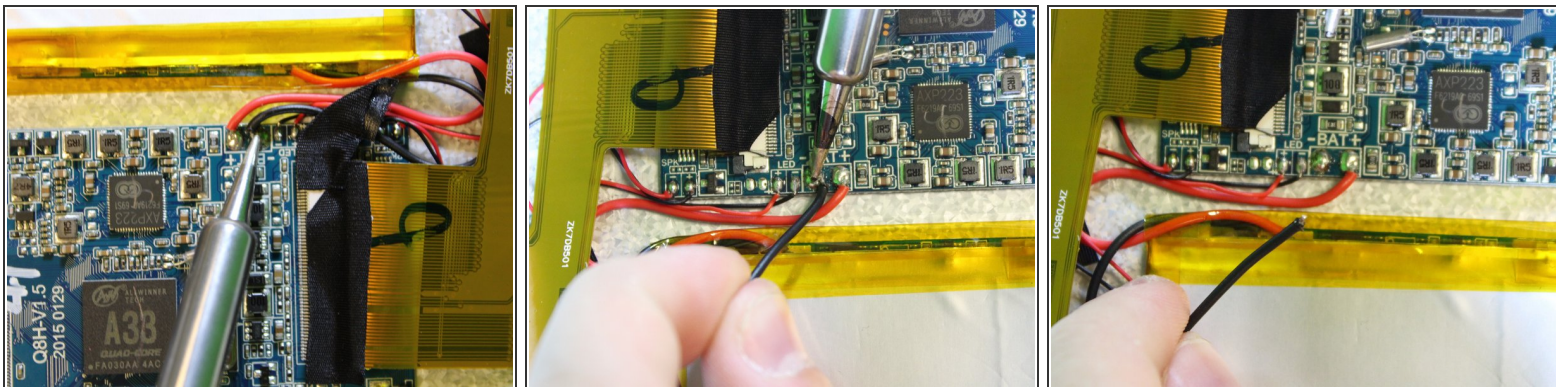
## Step 2 — Battery





- Follow the attached wires to the positive and negative connections.



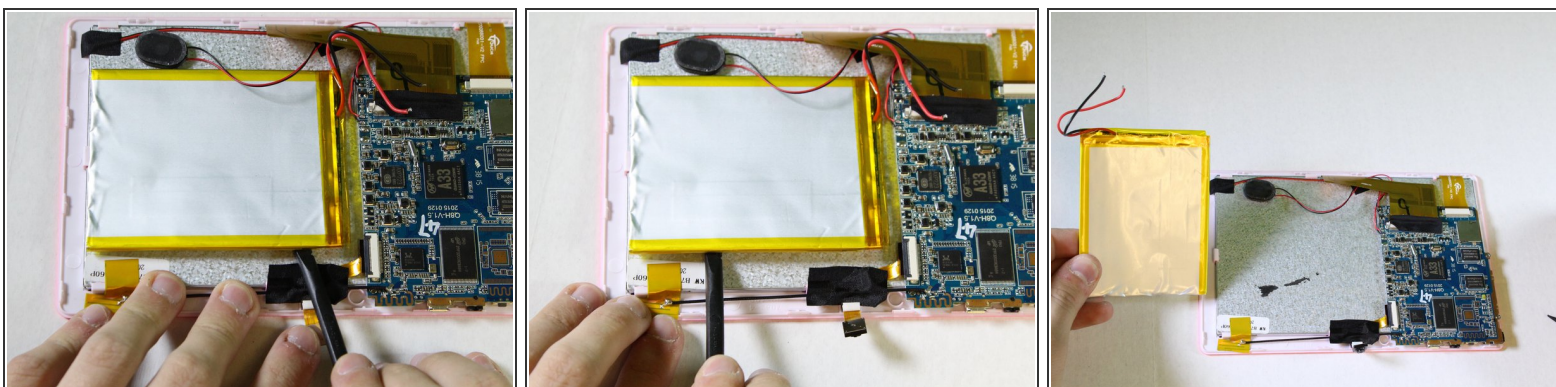
## Step 3




 The soldering iron can destroy components on the motherboard. Only touch the soldering iron to the solder already on the board.

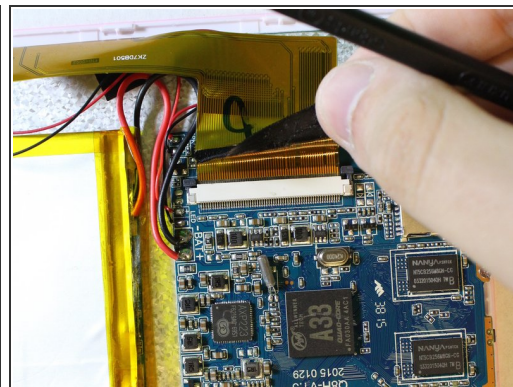
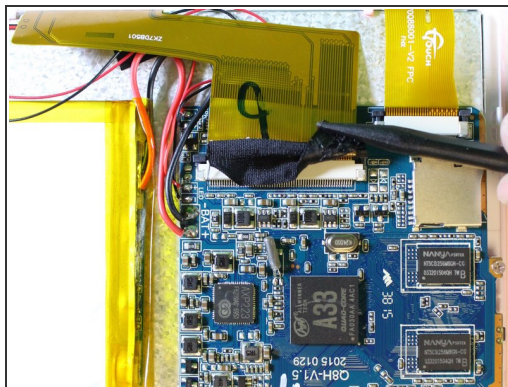
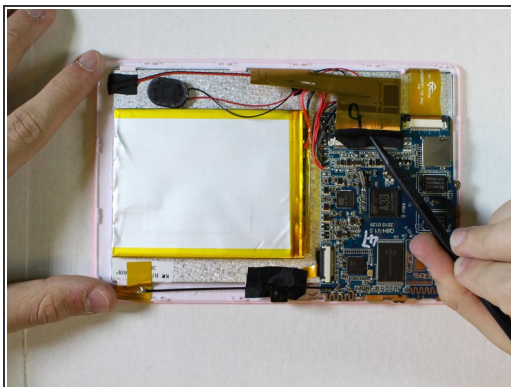
- Touch the tip of the soldering iron to the solder connecting the negative wire.
- Pull back on the wire with the iron in place, removing it from the hot solder.
-  The solder will be melted almost instantly. There is no need to hold the iron on the solder for more than a second or two. Visit [iFixit's soldering guide](https://www.ifixit.com/HowTo/General/How+to+Solder) for more info.
- Repeat this step for the positive wire.

## Step 4



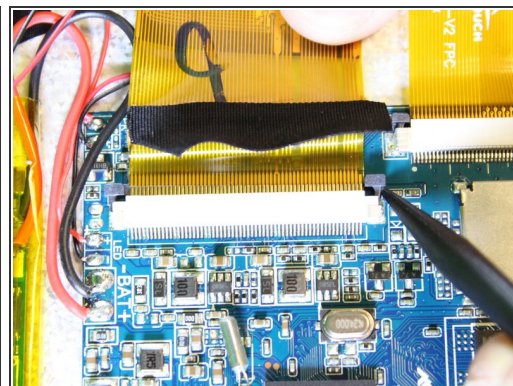
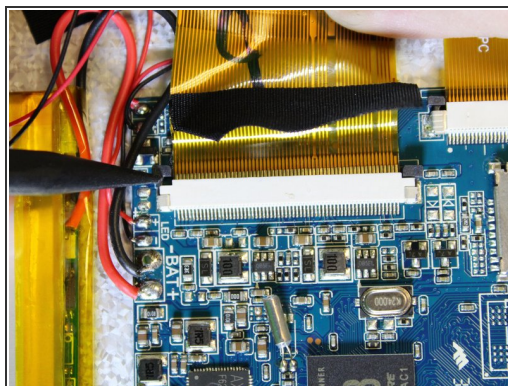
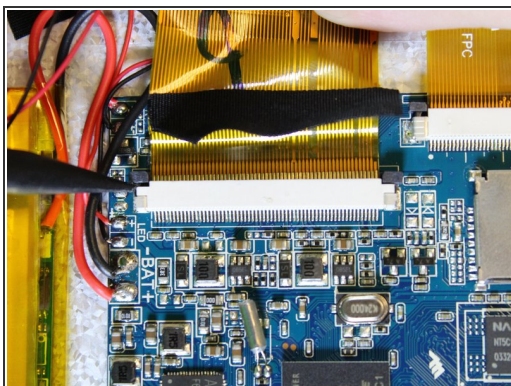
- Use the nylon spudger to pry the battery from the back of the screen. Work your way around the edges, similar to opening the casing.
-  The adhesive used to hold the battery down is very strong. Don't be afraid to use some force.

## Step 5 — Speaker



- Remove the ribbon cable on the top left corner of the mother board.
- Gently lift the black tape up to see the ribbon cable socket.

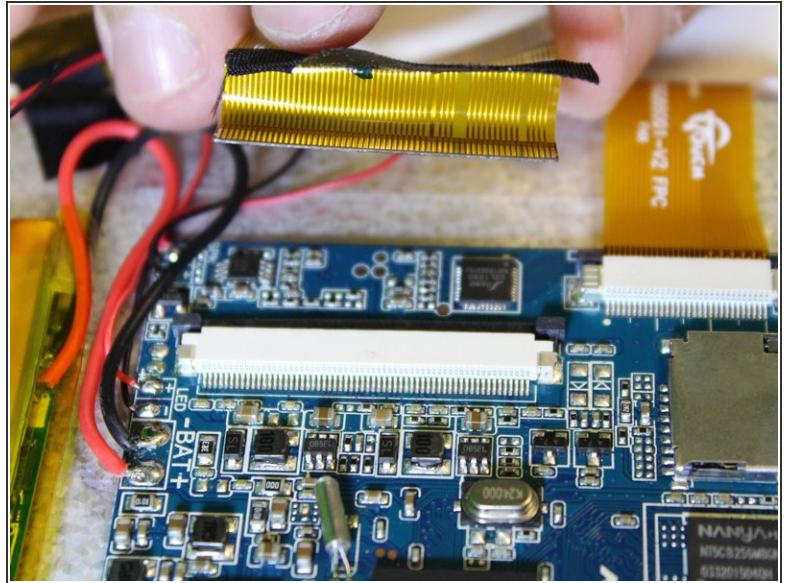
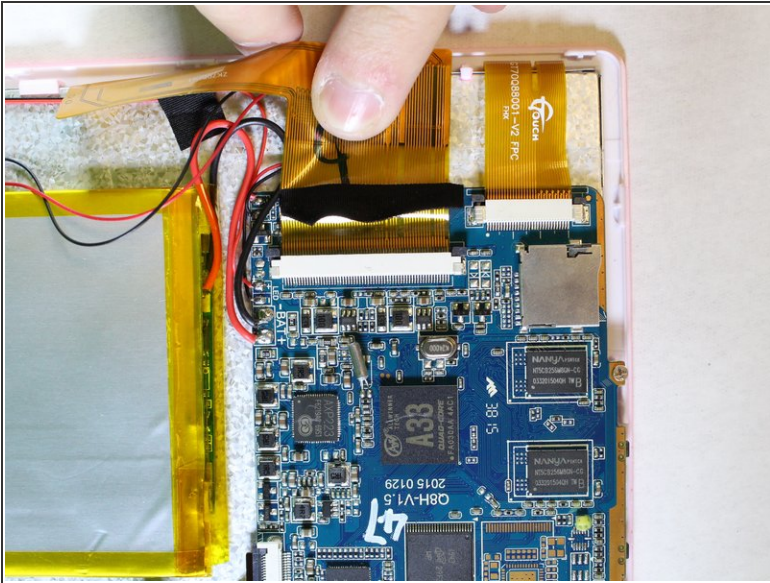
## Step 6



- Push both side buttons away from the socket by using a spudger.

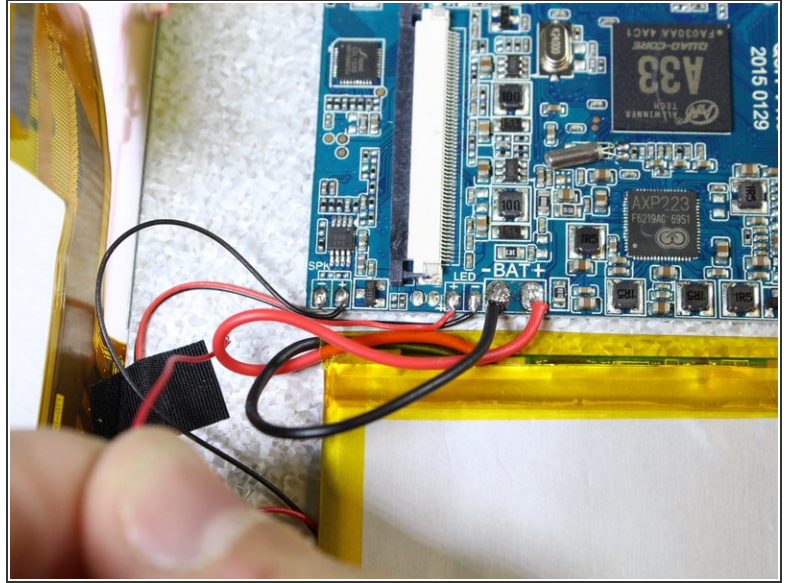
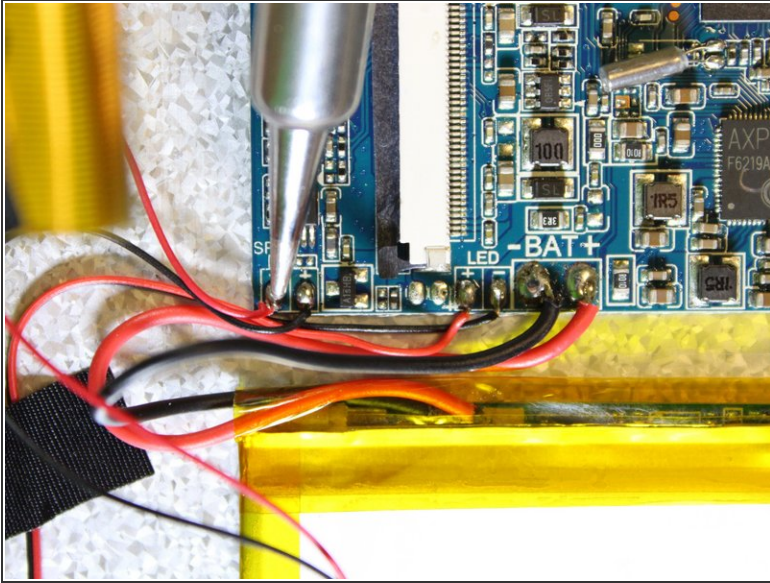



## Step 7




- Gently pull the ribbon cable away from the socket.
- ⓘ Don't be afraid to use some force for this step.

## Step 8

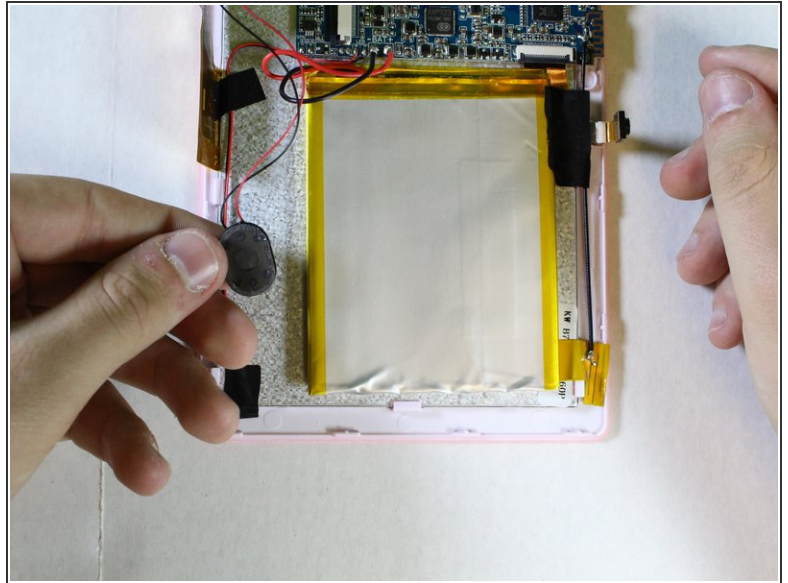
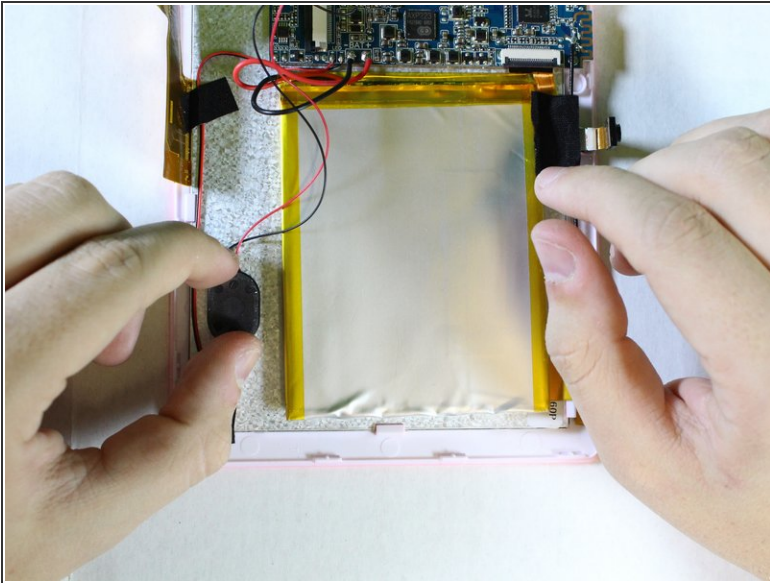


 The soldering iron can destroy components on the motherboard. Only touch the soldering iron to the solder already on the board.

- Touch the tip of the soldering iron to the solder connecting the positive (red) wire.
  - Pull back on the wire with the iron in place, removing it from the hot solder.
  - Repeat this step for the negative wire.
-  The solder will be melted almost instantly. There is no need to hold the iron on the solder for than a second or two. Visit [iFixit's soldering guide](#) for more info.

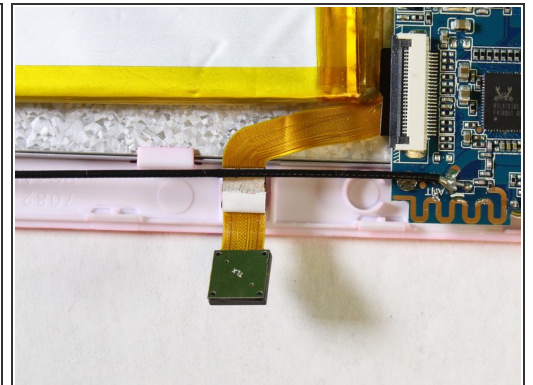
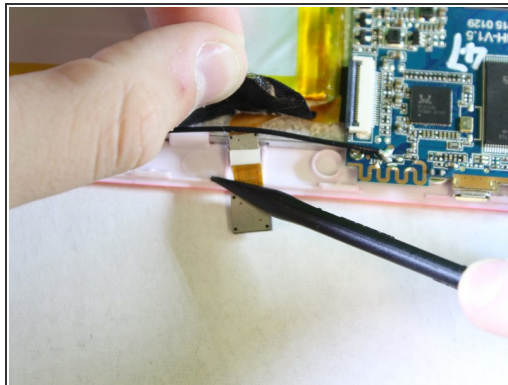
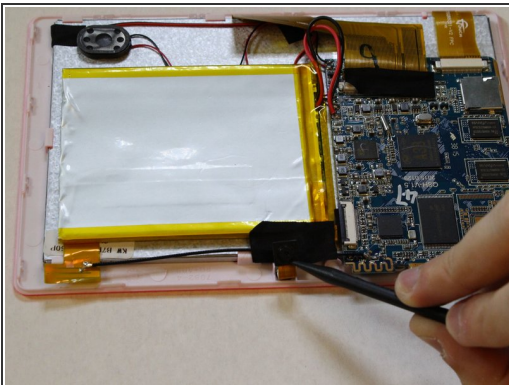


## Step 9



- Remove the speaker from the motherboard.

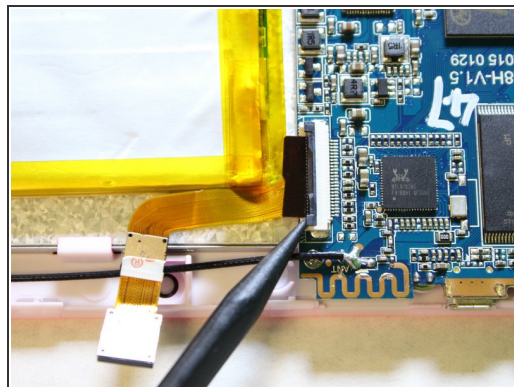
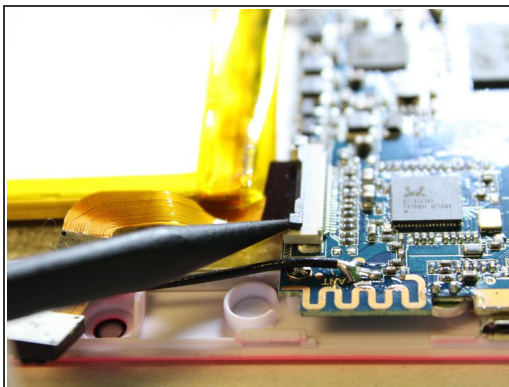
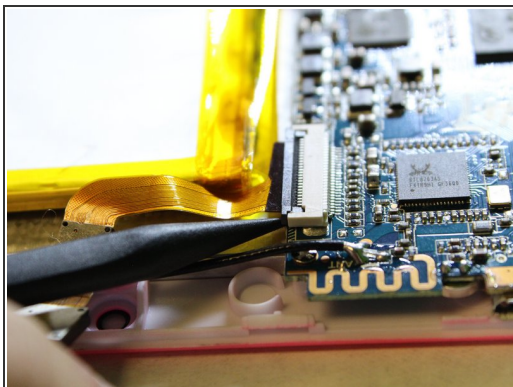
## Step 10 — Camera



- Use a spudger to hold the cameras in place.
- Gently pull the black tape away using your finger.

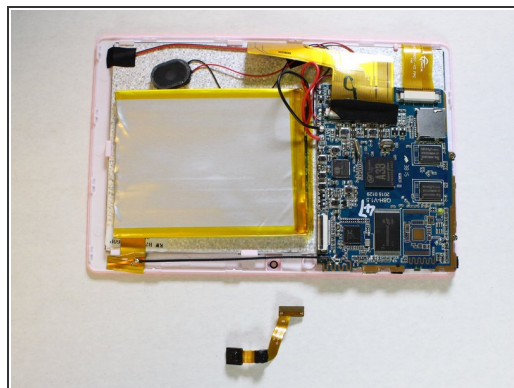
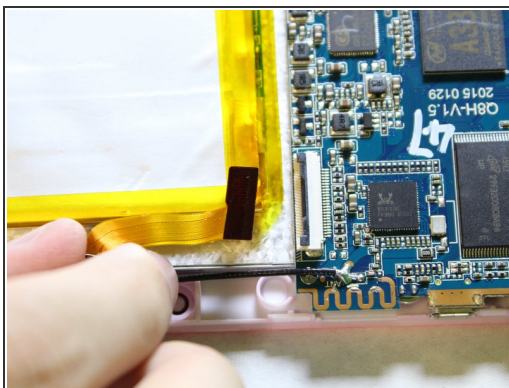
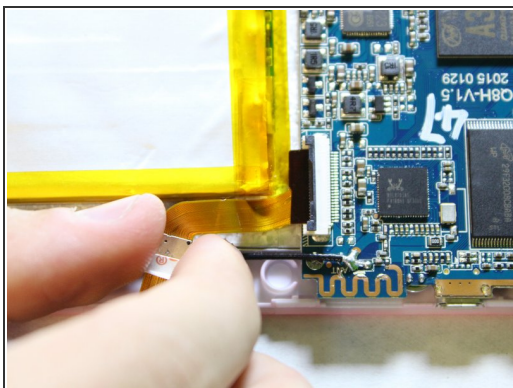


## Step 11



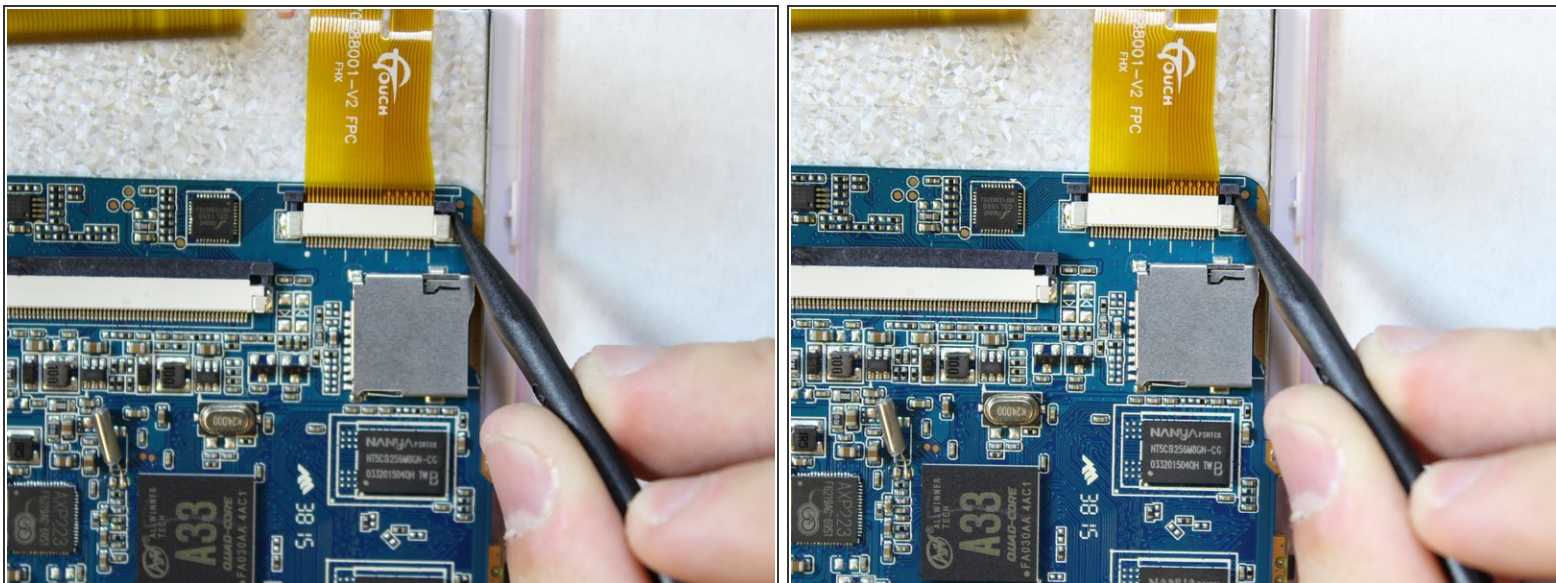
- Remove the ribbon cable from the motherboard.
- Use a spudger to lift the two tabs, freeing the ribbon cable from the socket.

## Step 12



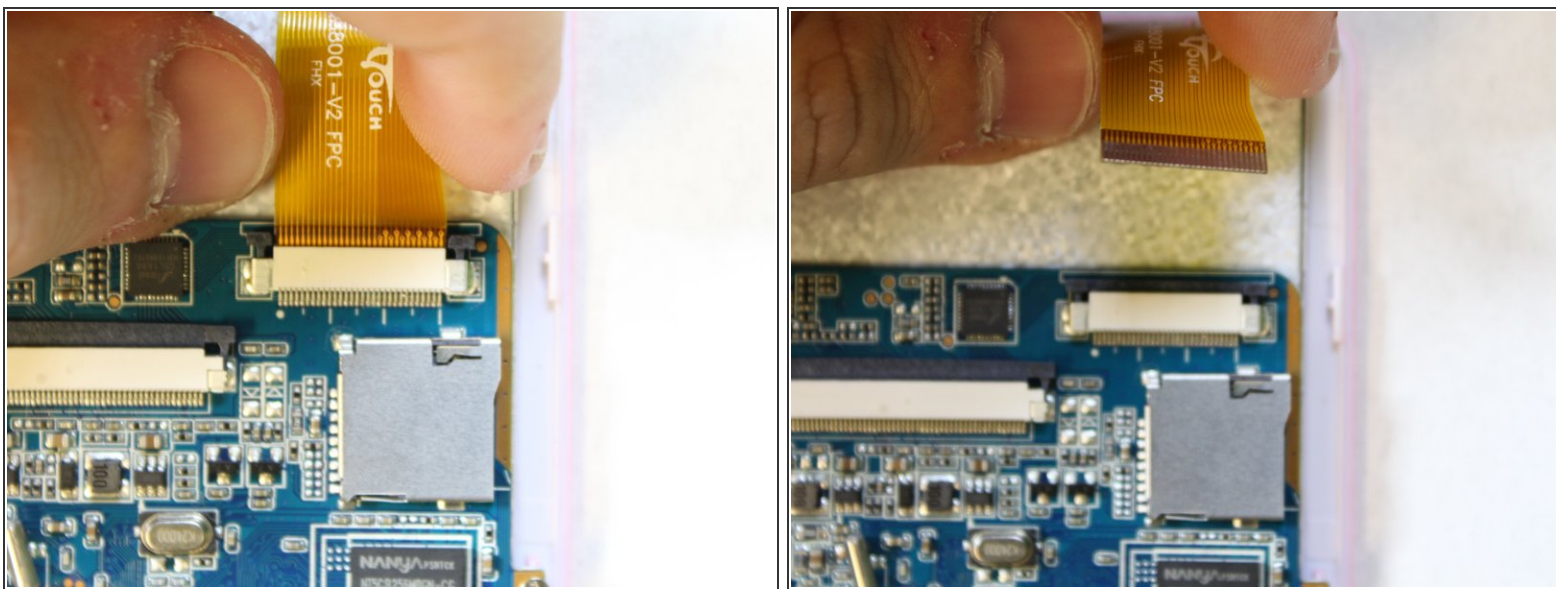
- Gently pull the ribbon cable away from the motherboard.
- ⓘ Don't be afraid to use some force to pull the ribbon cable.

## Step 13 — Motherboard



- Next we will disconnect the digitizer ribbon cable from the motherboard.
- Using the black spudger, gently push the tabs on each side of the socket to free the ribbon cable.

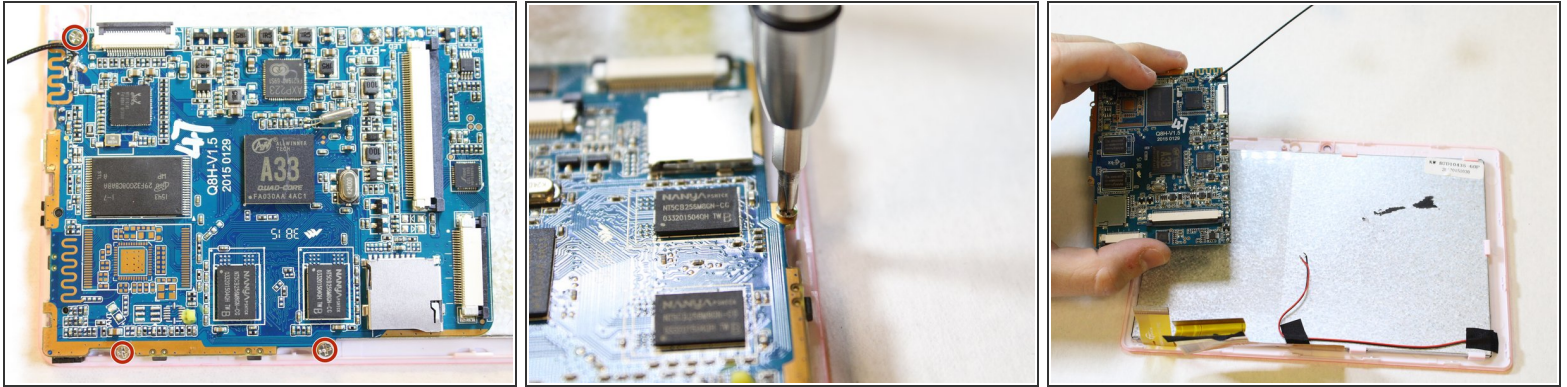
## Step 14



- Gently pull on the ribbon cable, separating it from the socket.

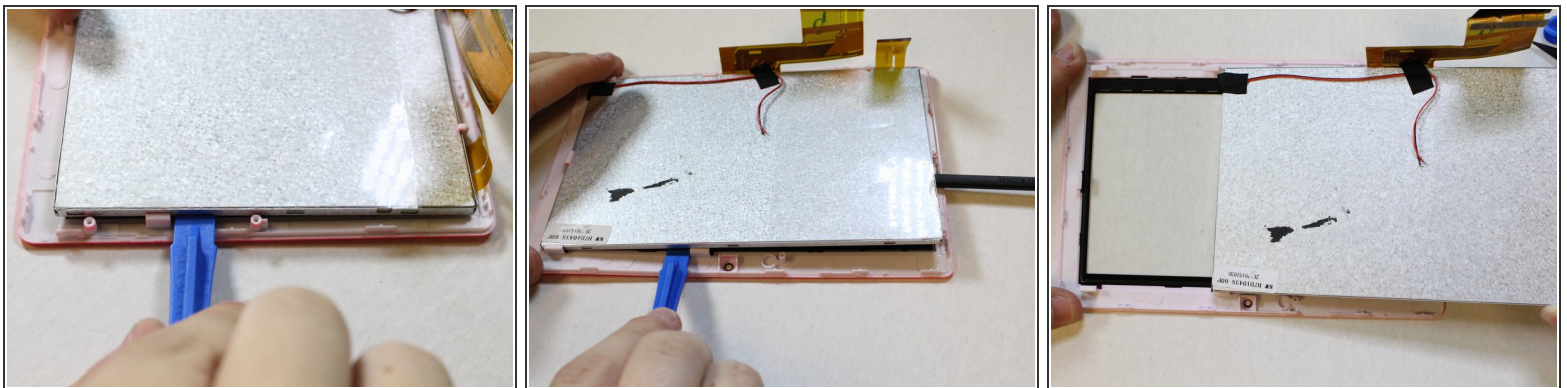


## Step 15



- Next, we will unscrew the three PH#0 screws anchoring the motherboard into the case.
- i** You will need the Phillips Screw #0 to remove the screws of the motherboard.
- Using the screwdriver, with the PH#0 attachment, carefully unscrew the screws of the motherboard in order to remove it from the device.

## Step 16 — Screen/ Digitizer



- Insert a plastic opening tool where the screen connects with the front face of the case.
- i** Use a spudger to keep the screen from falling back into the casing.
- i** The screen will slide out once the connection has been nudged on three sides.

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