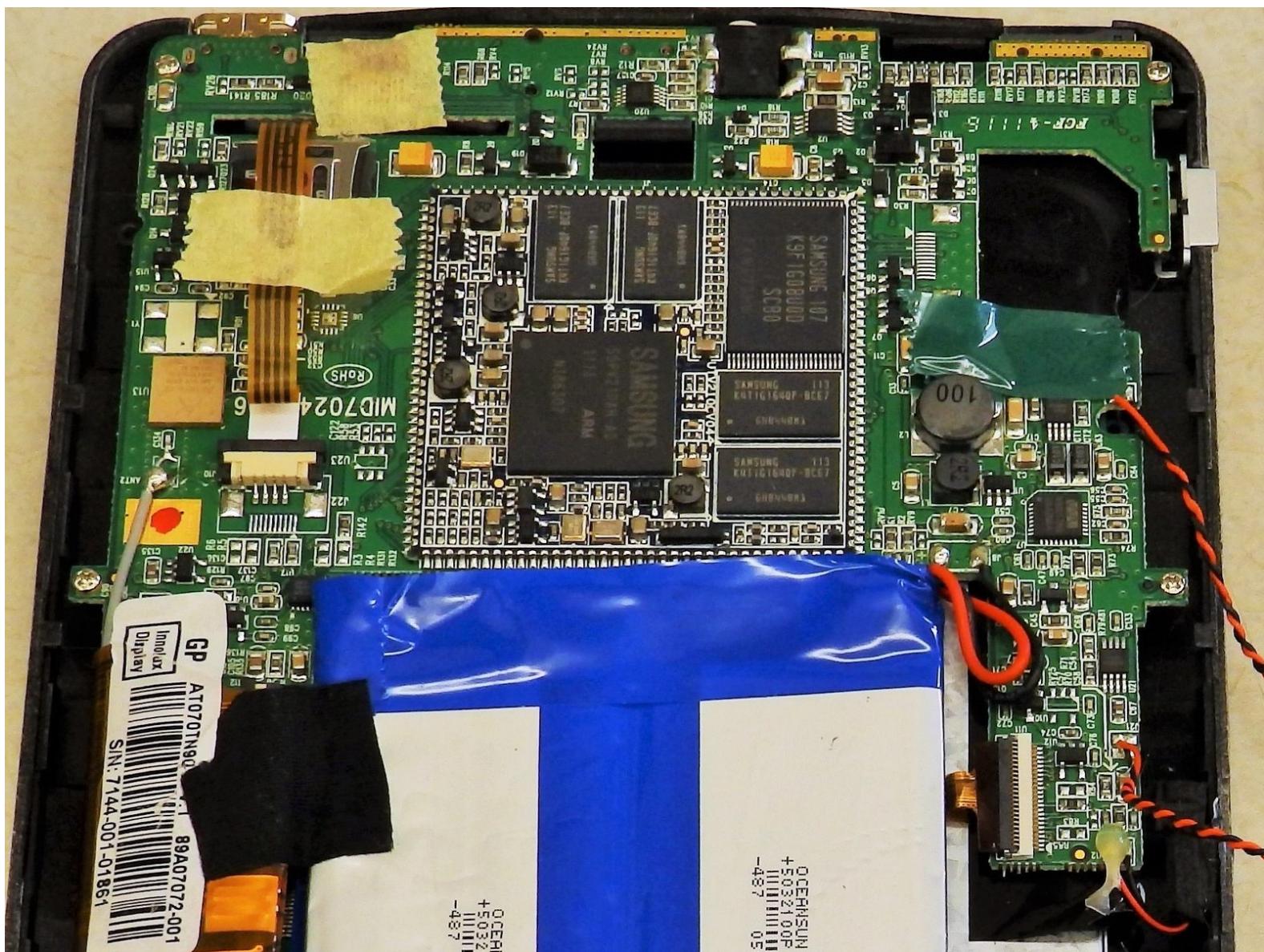




Coby Kyros MID7024 Motherboard Replacement

Replace the motherboard in case of faulty input/output ports.

Written By: Jacob Bartell



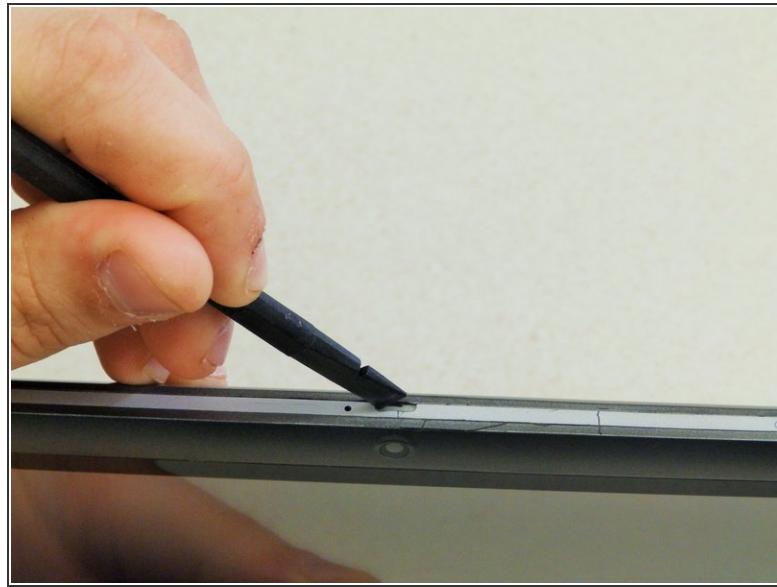
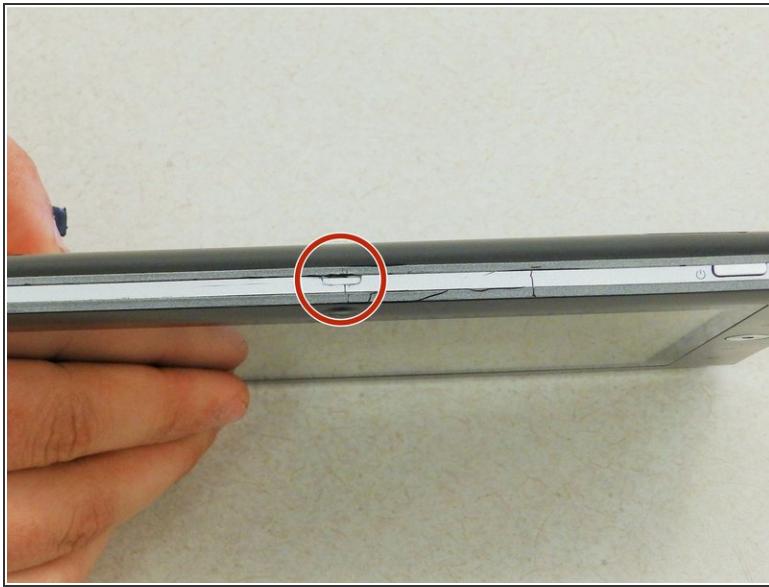
INTRODUCTION

The motherboard is the "brains" of the device. If the device has faulty processing power, memory, or faulty input/output ports then the motherboard will need to be replaced. Be sure to follow all prerequisite guide steps in order to ensure correct removal. Many small screws are holding in the motherboard so be sure to not loose any of them. Be sure to refer to the list of required tools.

TOOLS:

- [Phillips #0 Screwdriver \(1\)](#)
- [Spudger \(1\)](#)
- [Portable Soldering Iron \(1\)](#)
- [Tweezers \(1\)](#)

Step 1 — Back Cover



 Begin by ensuring that the device is powered off.

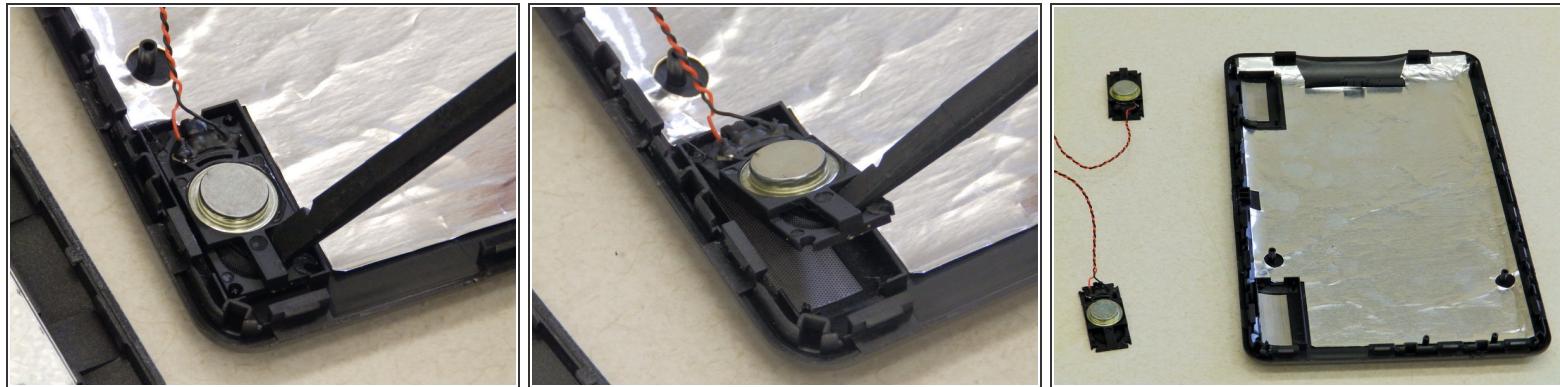
- To replace the back cover of the device you must pry it open using the access points. One is located on the top of the device above the camera and the other is on the bottom left hand side.
- Use the spudger to pry at the access points to open the device.

Step 2



- Once the back cover begins to separate from the body of the device continue working the spudger around the perimeter of the device until the back cover is free.
- ⚠** You will hear some popping and cracking noises as you pry open the device. These sounds are the internal clips coming apart.
- Once the back cover is free from the body of the device, open both sides like a book, placing them flat on the table as shown. Be sure to pay attention to the speaker wires that hold the two pieces together.

Step 3

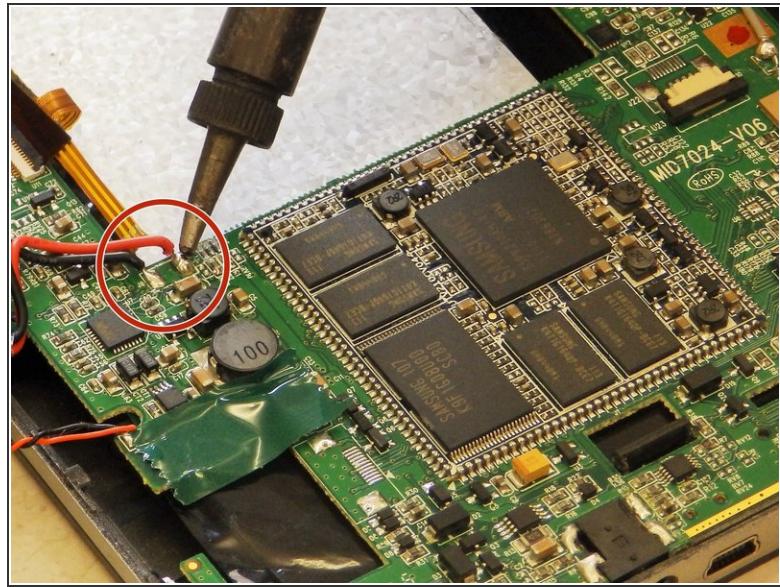
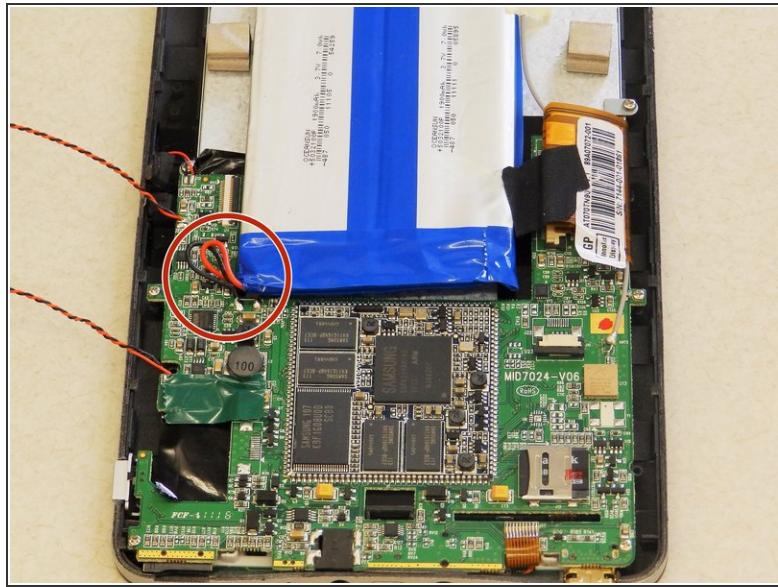


⚠ This step is only necessary if you intend to repair or replace the back cover and/or speakers of the device.

- In order to replace the back cover you must remove the speakers. Place the Spudger under the plastic frame of the speaker as shown. Pry up, popping the corners of the speakers out of their bracket and lift the speaker out.

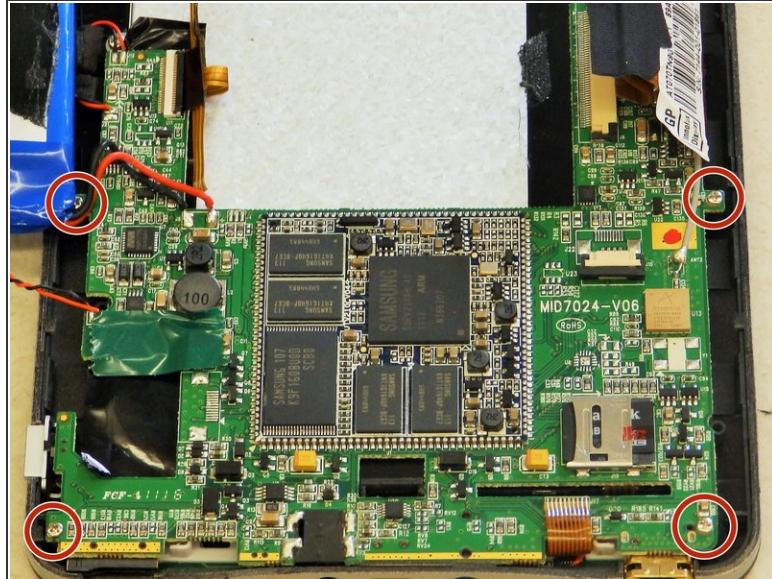
⚠ Be sure not to pull on the speaker's wires or body too hard as you may damage them.

Step 4 — How to Unsolder Coby Kyros MID7024 Battery



- Use a soldering gun to remove the positive and negative wires connecting the battery to the motherboard.
- Follow [the guide on soldering](#) to assist you in removing the battery.

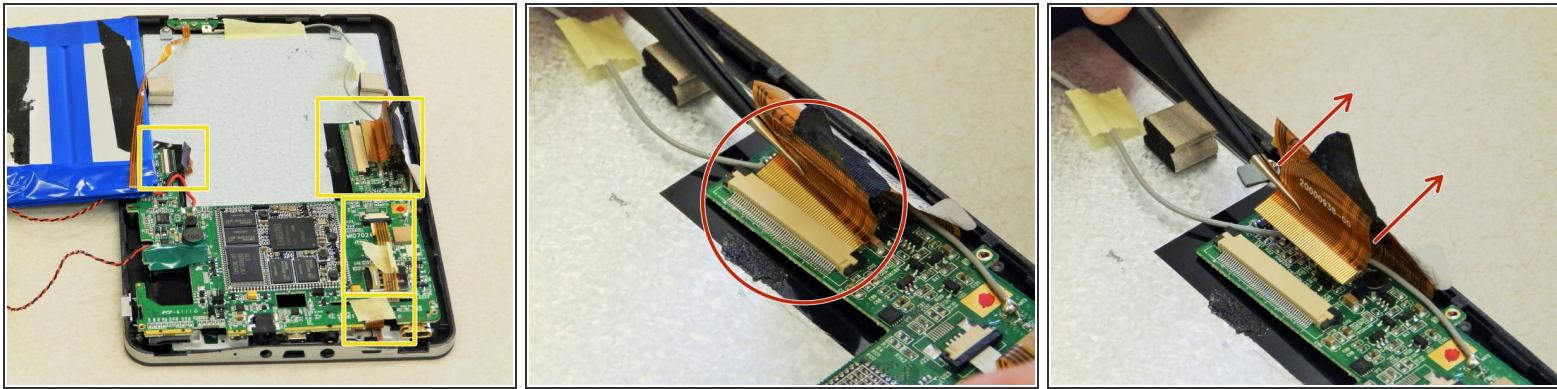
Step 5 — Motherboard



- Locate the four 5mm screws holding the motherboard in place and remove them using the Phillips #0 Screwdriver.

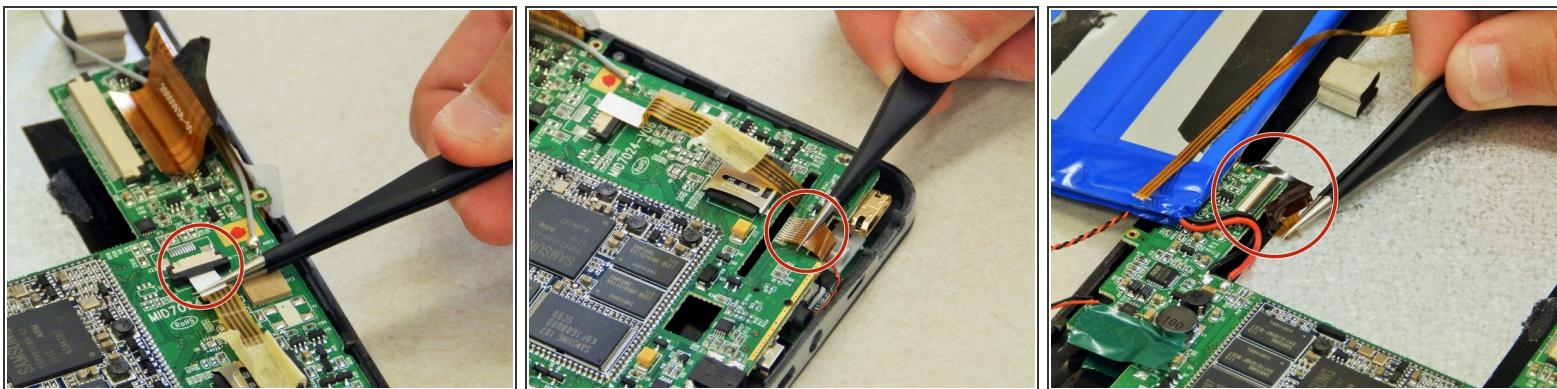
⚠ Upon removal of the screws the motherboard should be able to lift up some. Do not remove it until all of the ribbon cables have been detached.

Step 6



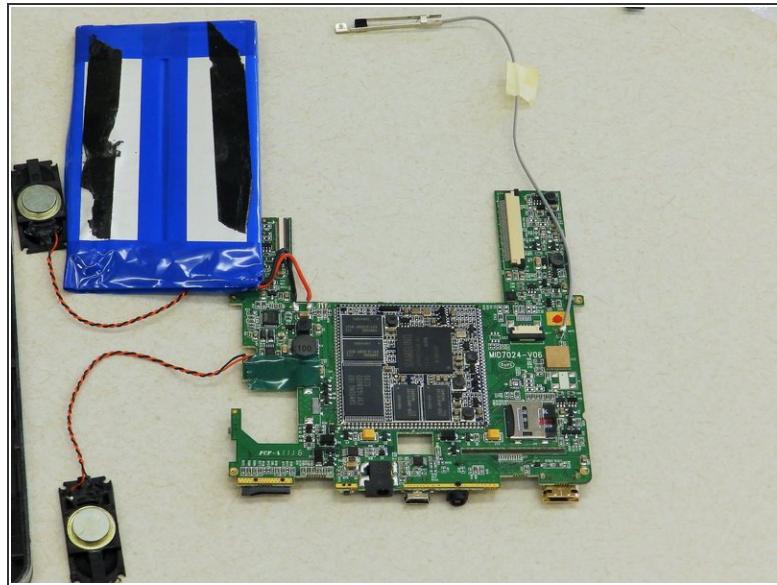
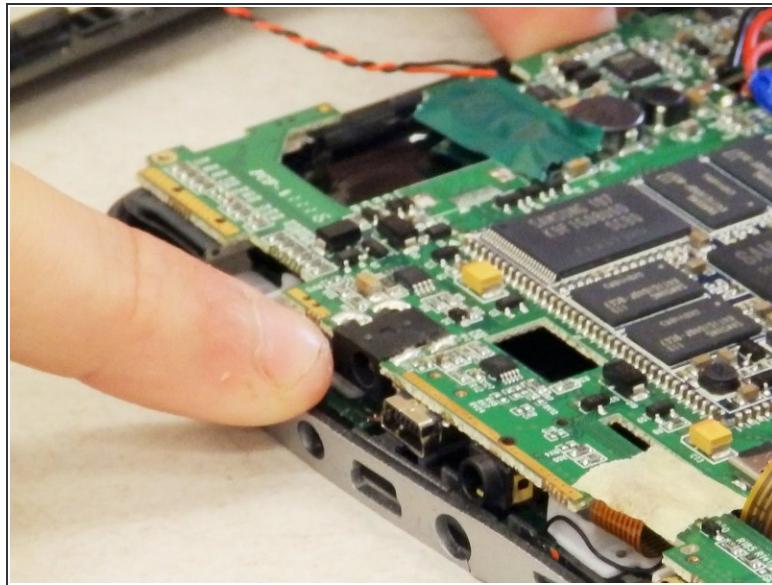
- Locate the four ribbon cables shown in the yellow highlighted areas.
- The digitizer is connected by a ZIF (zero insertion force) connector. The two black pieces on each end need to be pressed in simultaneously before the ribbon cable can be removed.
- While pressing the black pieces, grasp the digitizer ribbon cable (widest one) with the tweezers and pull away from the connector as shown.

Step 7



- Carefully remove the remaining ribbon cables using the tweezers. Make sure that all ribbon cables are detached before attempting to remove the motherboard.

Step 8



- Now gently remove the motherboard from the device.

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