



# Nextbook Ares 10A Digitizer Replacement

Removing the camera will keep it from tearing when removing it from the motherboard.

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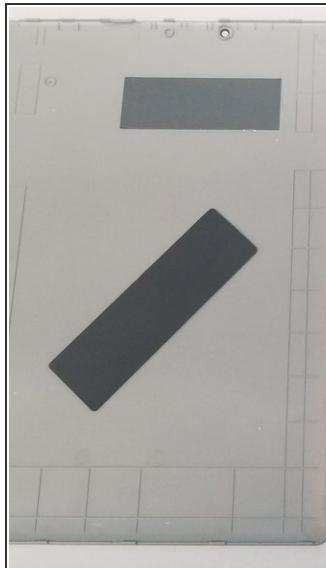
## INTRODUCTION

The Nextbook Ares 10A digitizer replacement is a fairly straightforward job, but a soldering iron will be required if you are to disconnect the battery.

### TOOLS:

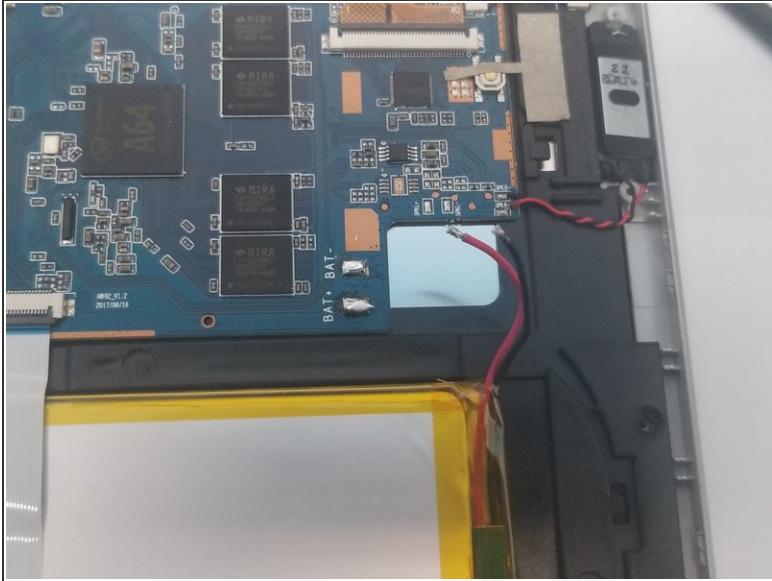
- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Soldering Iron](#) (1)

## Step 1 — Removing the back cover



- There are several retaining clips holding the back cover on the device.
- Use a pry tool to separate the back cover from the device.

## Step 2 — Desoldering the battery

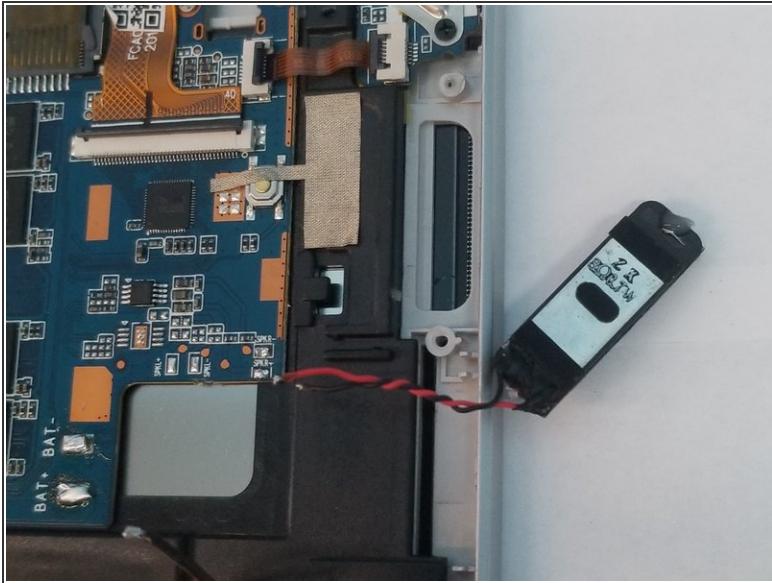
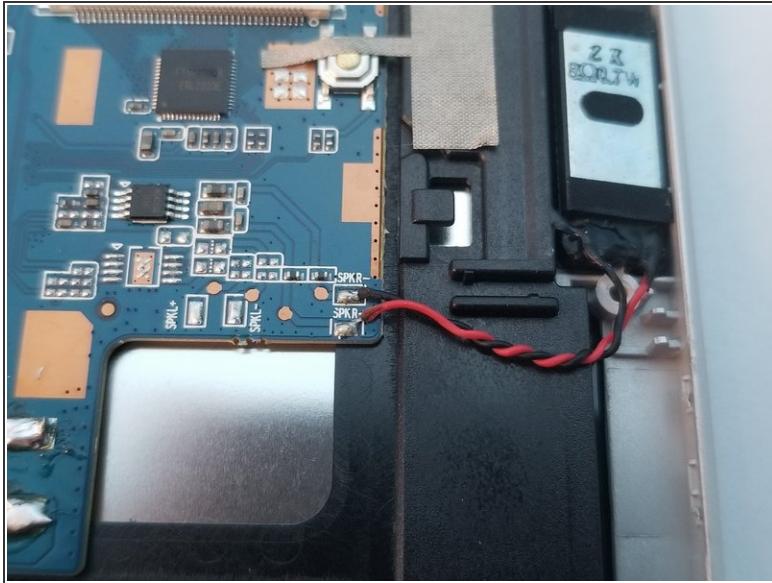


- The battery is connected to the motherboard. We must disconnect it first before proceeding.
- To disconnect the battery we must use a "soldering iron" to disconnect the leads to the motherboard

**⚠** Be very careful not to short the battery wires.

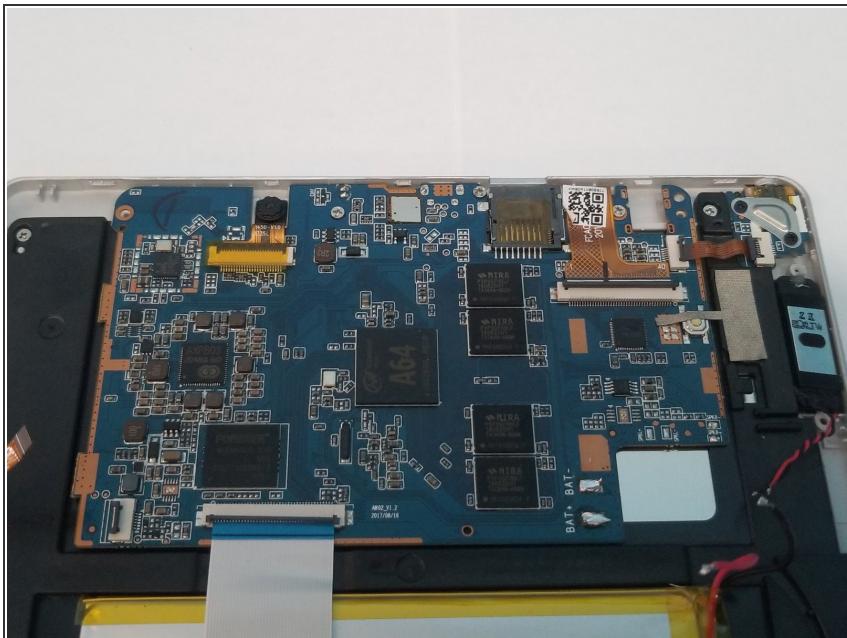
- With the battery successfully disconnected we can move on with the repair while also keeping us and the device safe
- It's a good idea to put tape over the ends of the battery lead to protect it from touching anything.

## Step 3 — Removing the speaker



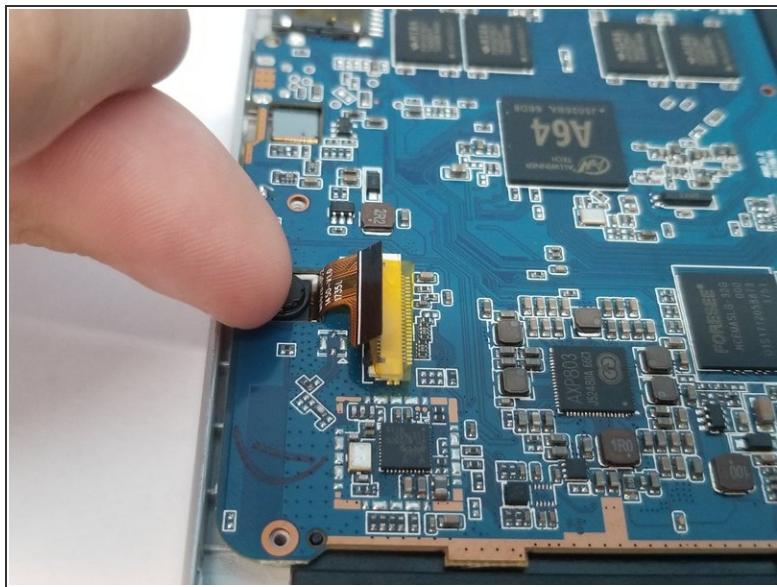
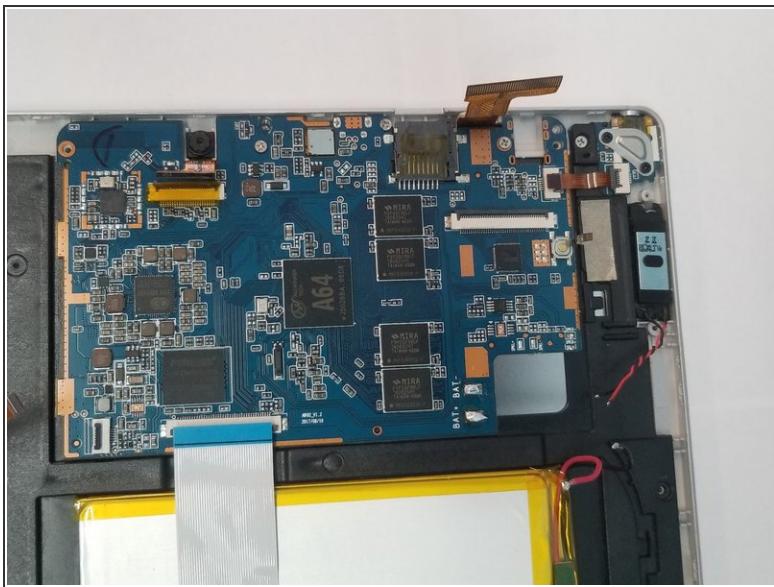
- It may be a good idea to lift out the speaker at this point so the cables don't tear.
- You will be moving the speaker over to the new digitizer and frame combo.

## Step 4 — Disconnecting the ribbon cables



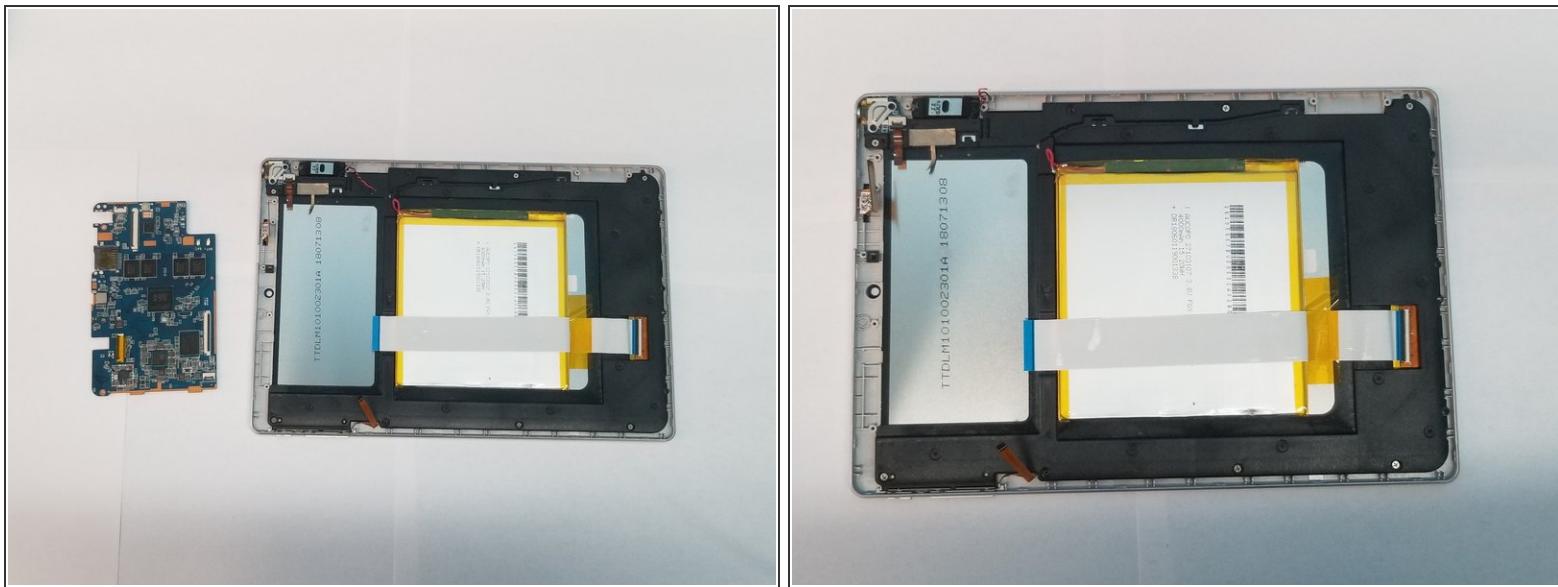
- Flip up the five retaining flaps and pull out the fragile cables for the power and volume button, LCD, camera, digitizer, and daughter board holding the headphone jack.
- It is not necessary to disconnect the camera but not doing so can risk tearing the fragile cable while removing the motherboard.

## Step 5 — Removing the rear camera



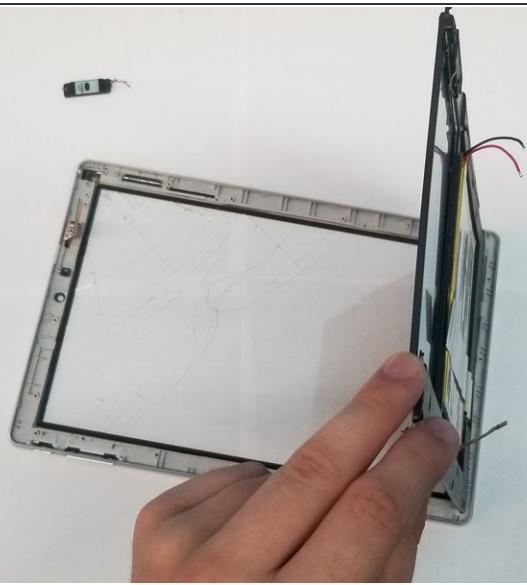
- Remove the 3 Philip's screws holding the motherboard in place along the top.
- Use a finger to lift up the rear camera module from the device, there is a small amount of adhesive under it to keep it secure
- Removing the camera will keep it from tearing when removing it from the motherboard.

## Step 6 — Removing the motherboard



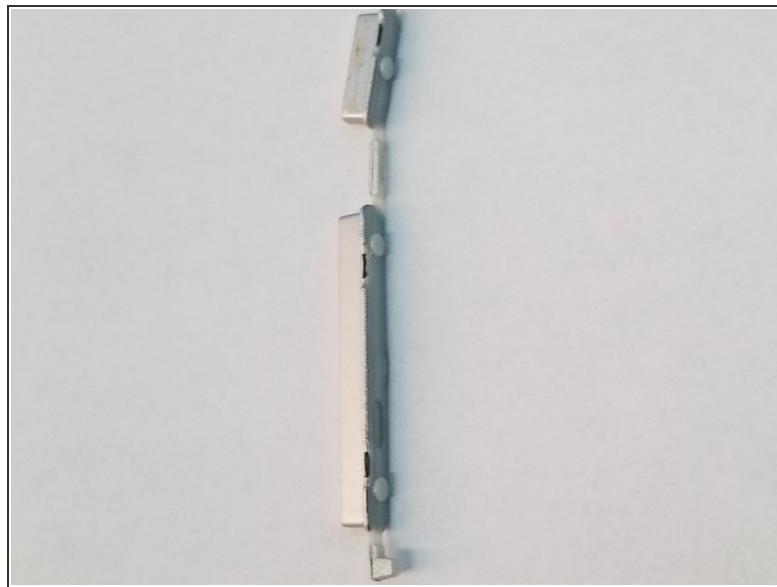
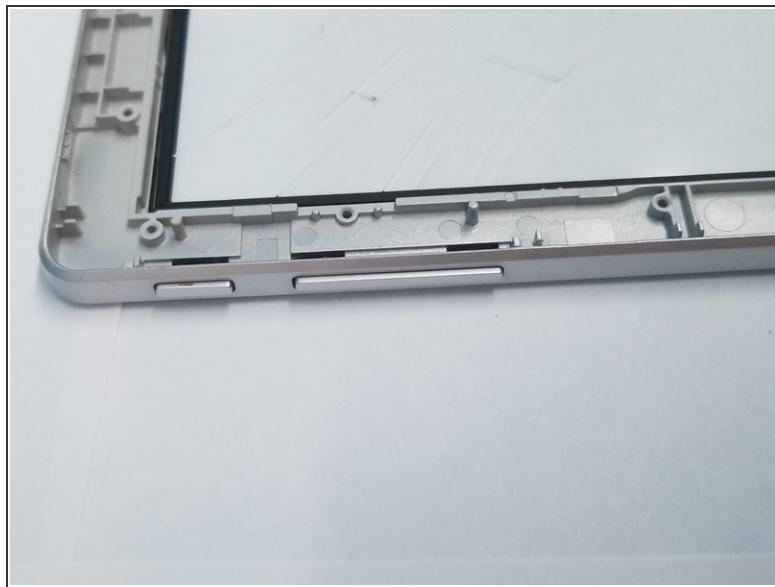
- Lift up the motherboard to remove it from the device, being careful not to rip any cables in the process.
- Remove the 6 silver colored philips screws holding the lcd to the digitizer frame.
- Now remove the 2 black Philip's screws holding the headphone jack in place

## Step 7 — Removing the lcd



- Remove the silver plate over the headphone jack and lift up on the headphone jack to remove it.
- At this point, the lcd can be removed, the battery, power and volume control are both glued onto the assembly.
- While lifting the lcd assembly out, ensure that you do not touch the screen on the other side and that the power controller stays attached to it.

## Step 8 — Removing the power buttons



- Lastly, the power and volume buttons need to be moved over to the new digitizer frame

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