



# Samsung Galaxy Tab 3 10.1 Motherboard Replacement

If your motherboard is faulty or broken, this guide will show you how to replace your broken motherboard with a new one.

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## TOOLS:

- [Spudger](#) (1)
- [Phillips #000 Screwdriver](#) (1)
- [iFixit Opening Picks set of 6](#) (1)
- [Nylon Tipped Tweezers](#) (1)



## PARTS:

- [Galaxy Tab 3 10" Wi-Fi Motherboard](#) (1)

## Step 1 — Rear Case



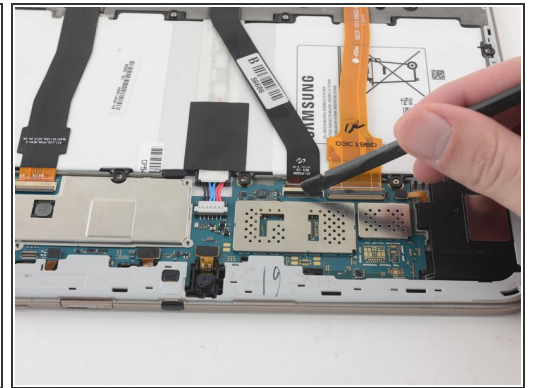
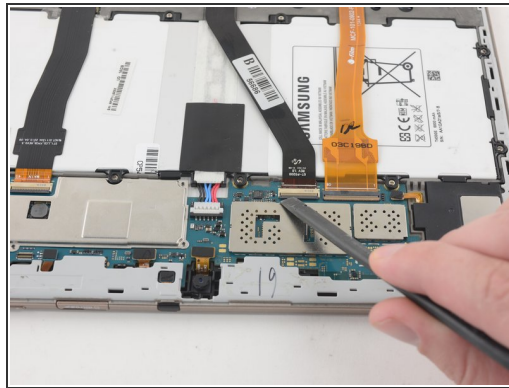
- Insert an opening pick between the rear case and the plastic rim.
- ⓘ You may need to add multiple picks to detach the clips.
- Slide the pick along the edge of the rear case until you release the plastic clips attaching the rear case to the display.
- Continue to slide the pick around the edge of the rear case until all clips are released.

## Step 2



- Lift the case up to remove it.

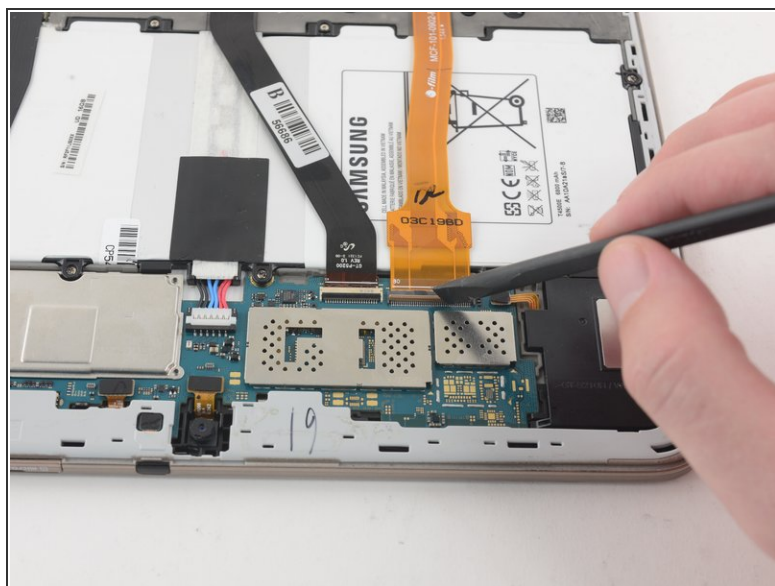
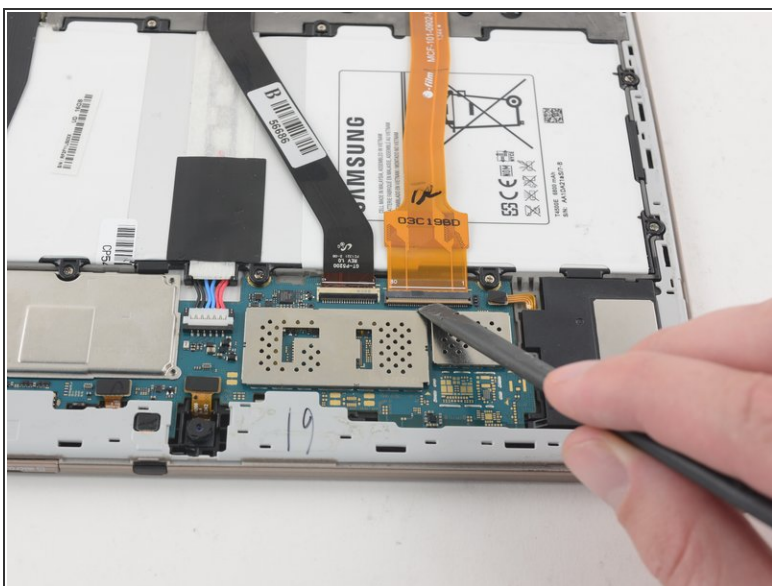
## Step 3 — Battery



- Use the flat end of a nylon spudger to pry up the **black** plastic tabs securing the two ZIF connectors.

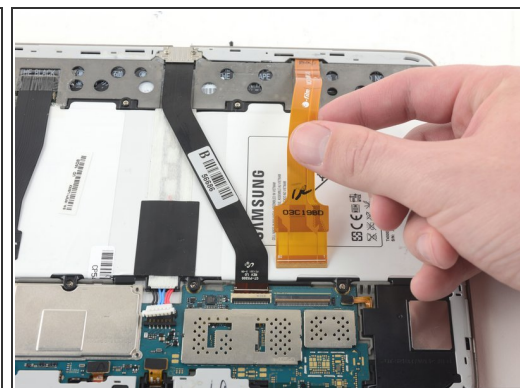
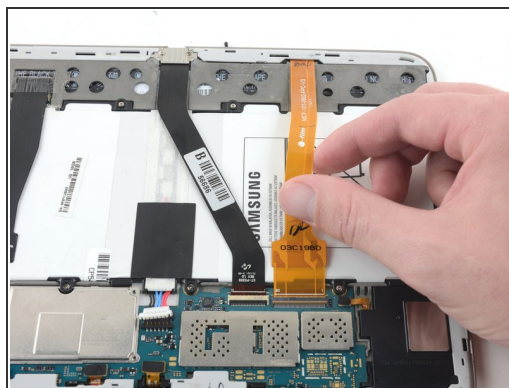


## Step 4



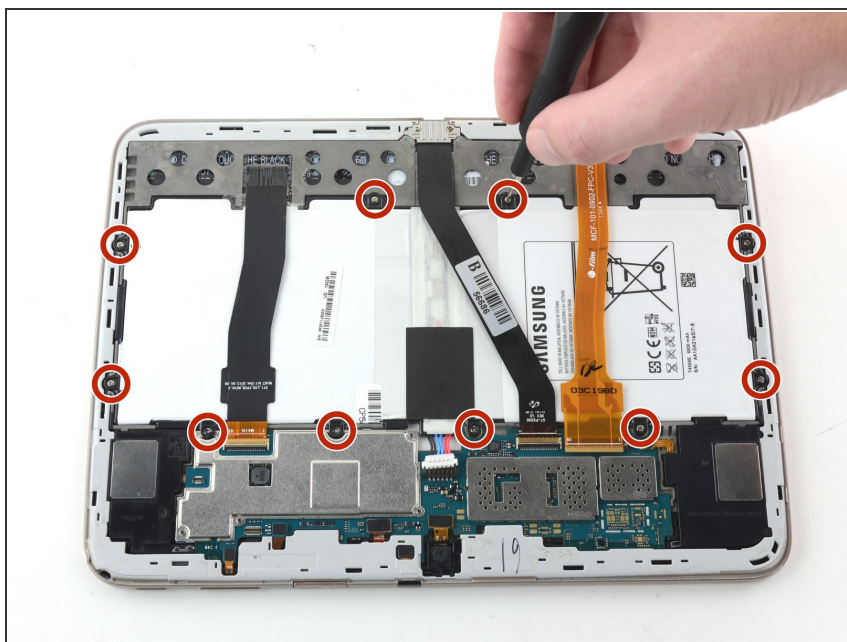
- Use the flat end of a nylon spudger to pry up the **brown** plastic tab securing the orange ribbon cable.

## Step 5



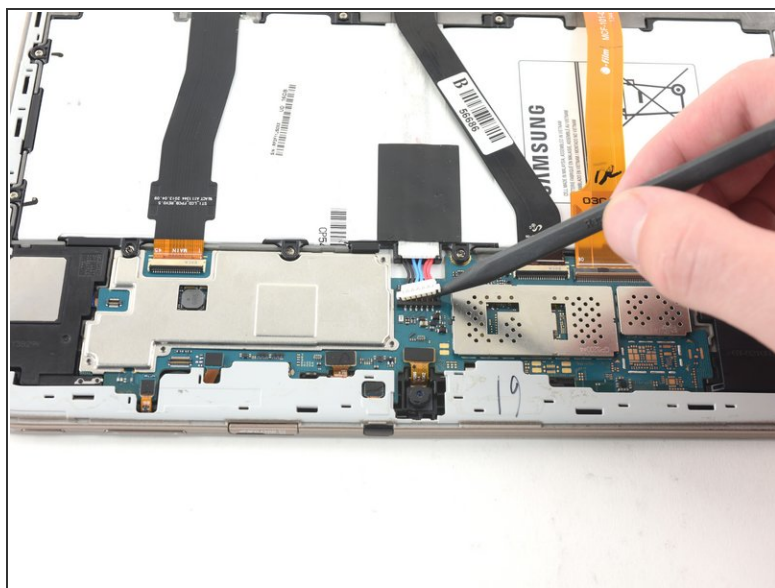
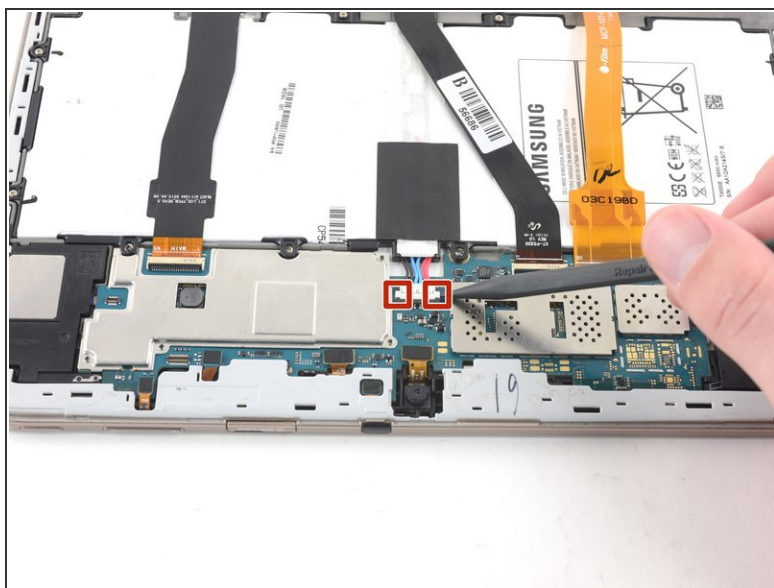
- Remove all three ribbon cables by gently pulling the cables away from the ZIF connectors.

## Step 6



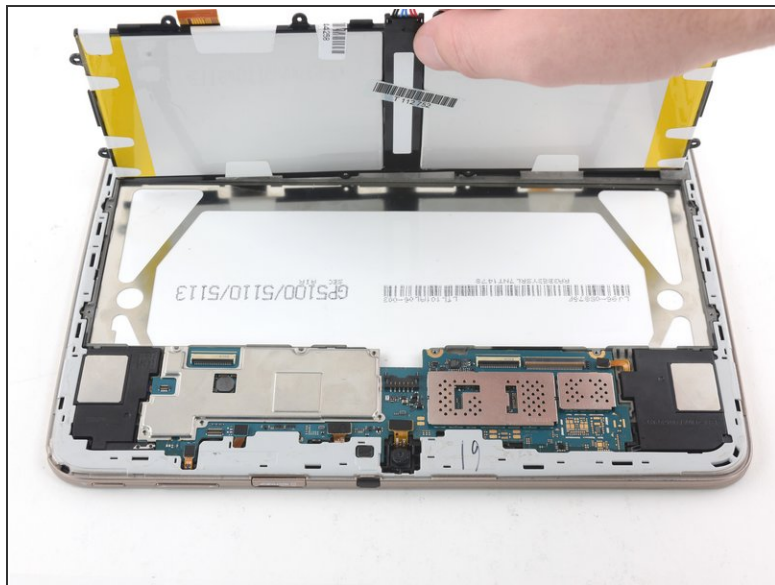
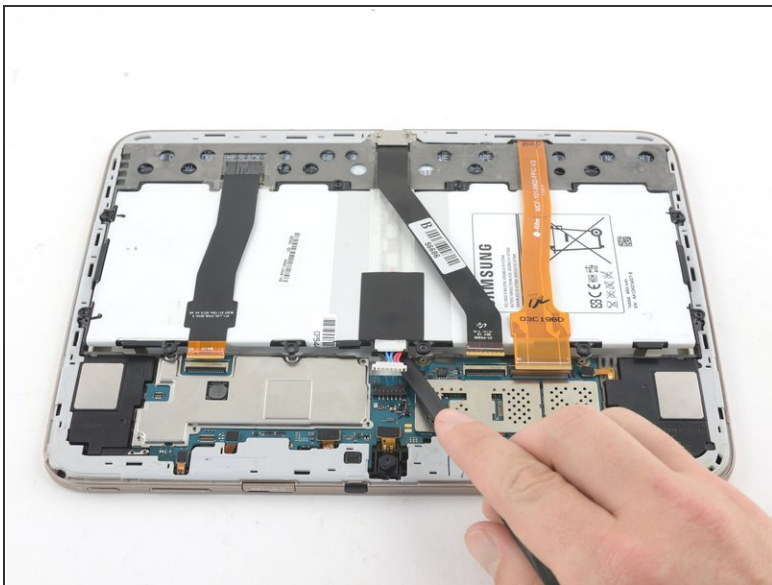
- Use a Phillips #000 screwdriver to remove the ten 3mm screws securing the battery to the chassis.

## Step 7



- Use the pointed end of a nylon spudger to pry the two battery connections away from the motherboard.

## Step 8



- Lift with a nylon spudger to remove the battery.

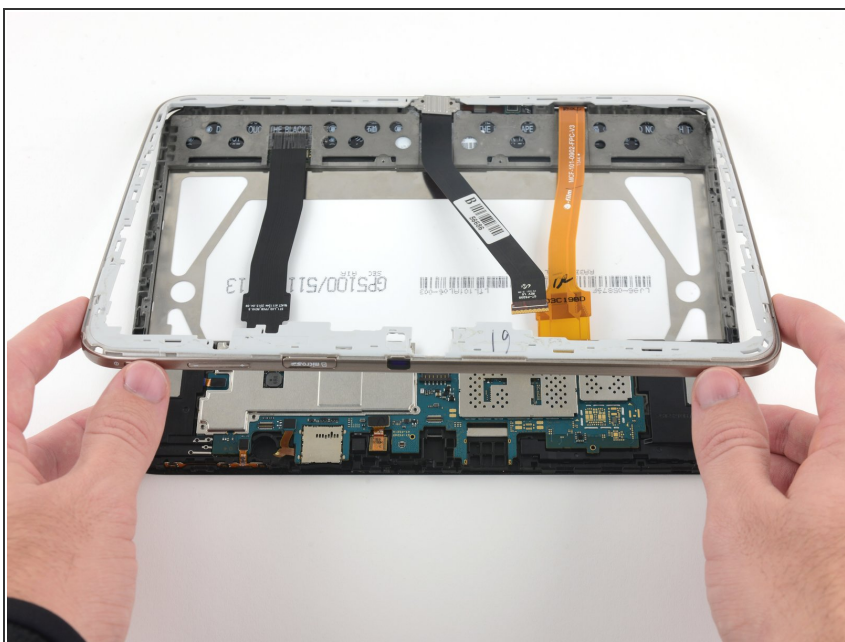
## Step 9 — Motherboard



- Insert an opening pick between the plastic frame and the screen.
- Slide the opening pick around the perimeter of the screen.
- ⓘ You will hear clicking noises as each plastic clip is released from the display chassis.



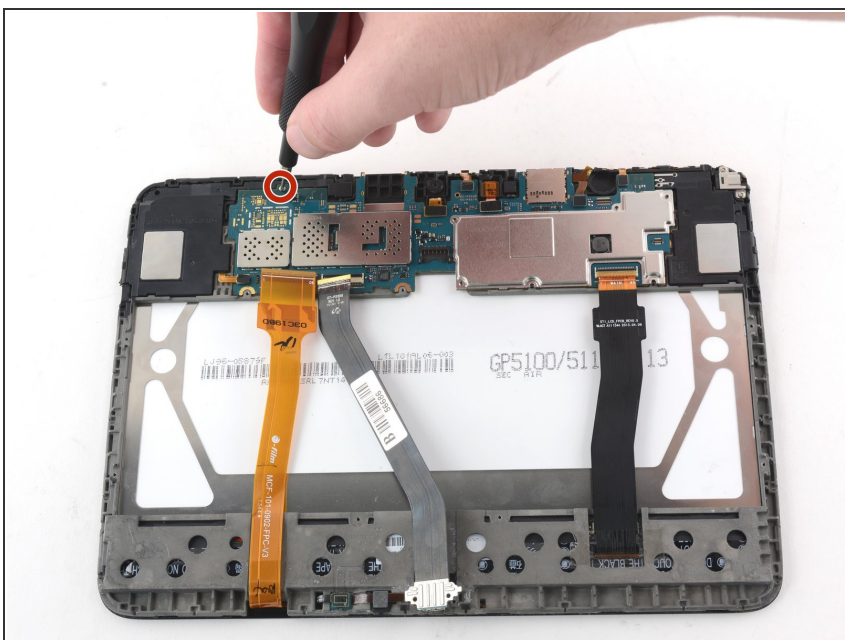
## Step 10



- Lift the plastic frame to remove.

⚠ Avoid the three delicate ribbon cables.

## Step 11



- Use a Phillips #000 screwdriver to remove the 3mm screw attaching the motherboard to the display chassis.



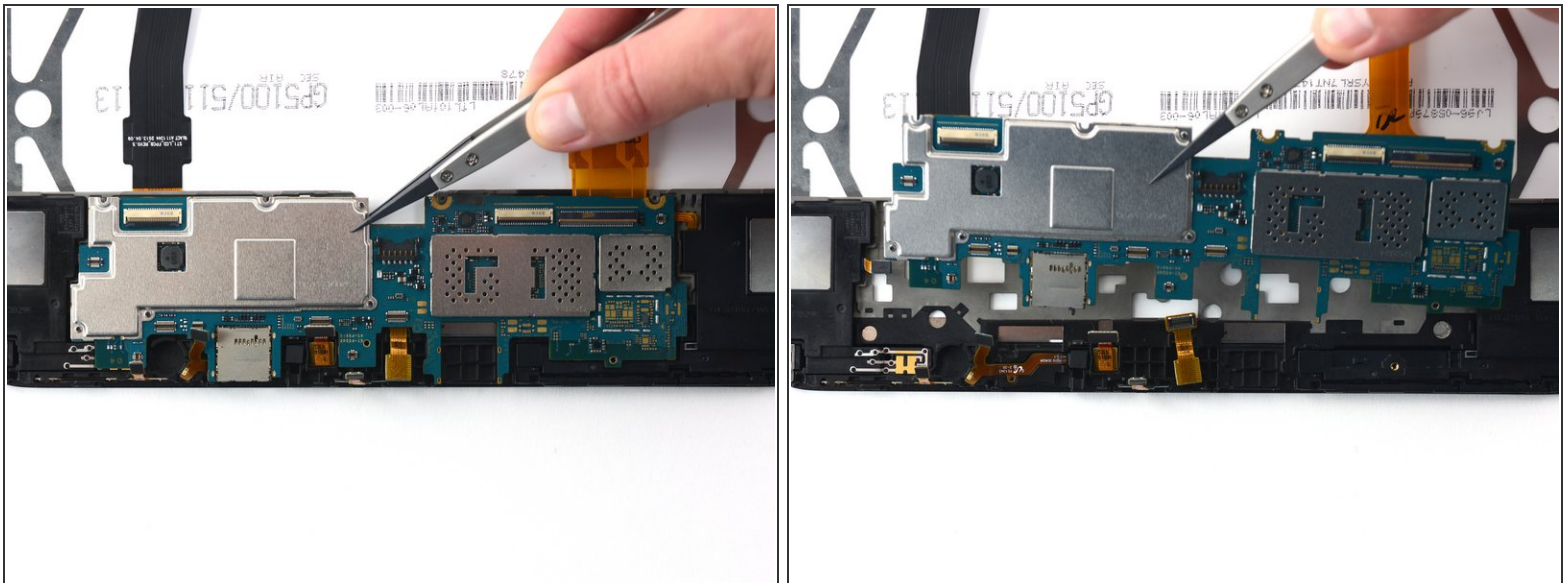
## Step 12



- Use a nylon spudger to flip up the eight press-fit connectors from the motherboard.

ⓘ The vibration motor is missing from these photos.

## Step 13



- Use nylon-tipped tweezers to remove the motherboard.

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