



Samsung Galaxy Note 4 Teardown

This is complete Samsung Galaxy Note 4 teardown.

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INTRODUCTION

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[video: <https://www.youtube.com/watch?v=ZND9Q73wjr8>]



TOOLS:

- [Spudger](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Tweezers](#) (1)
 - [Phillips #000 Screwdriver](#) (1)
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Step 1 — Samsung Galaxy Note 4 Teardown



- Remove the back cover. It comes off easily.

Step 2



- Remove battery, SIM card.
- Don't forget the S Pen.

Step 3



- Remove the 16 screws all together on the middle housing. That is a lot of screws.

Step 4



- Cut the adhesive sticker between the screen and the middle housing. It will be easier if you apply low heat degree less than 85°C. Be careful to avoid breaking touch panel.
- Carefully flip the housing over and loosen the hidden tabs around the battery slot.
- Loosen the middle housing and then push the front assembly--this may take a little extra effort.

Step 5



- Separate front assembly from middle housing successfully.
- The whole front assembly comes with motherboard, USB board, cameras, LCD screen and some other small components.
- The back housing comes with power & volume button, headphone jack and loudspeaker. And except loudspeaker, other parts are easy to remove.

Step 6



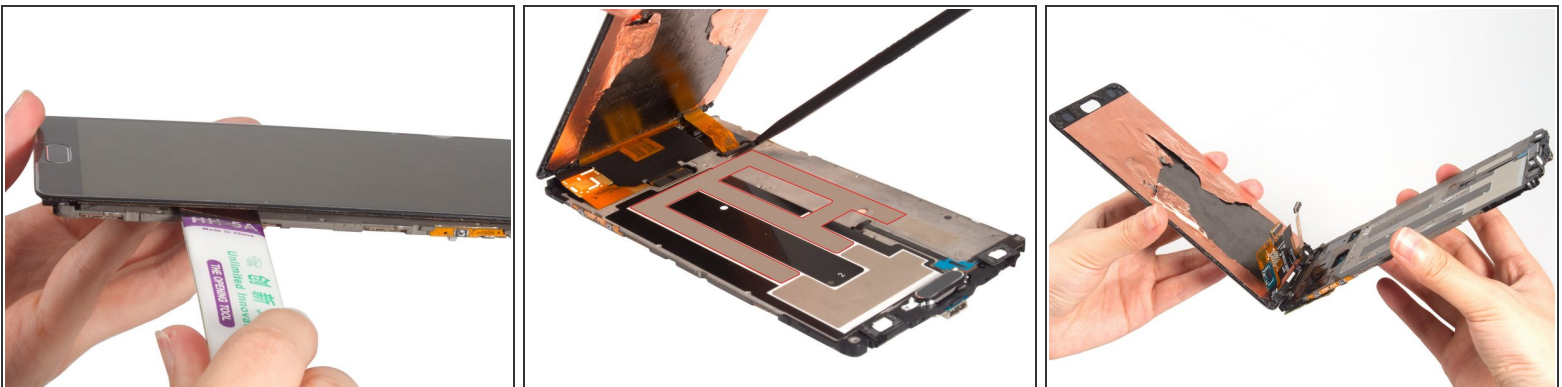
- Get the flex free from the adhesive underneath and remove headphone jack naturally.

Step 7



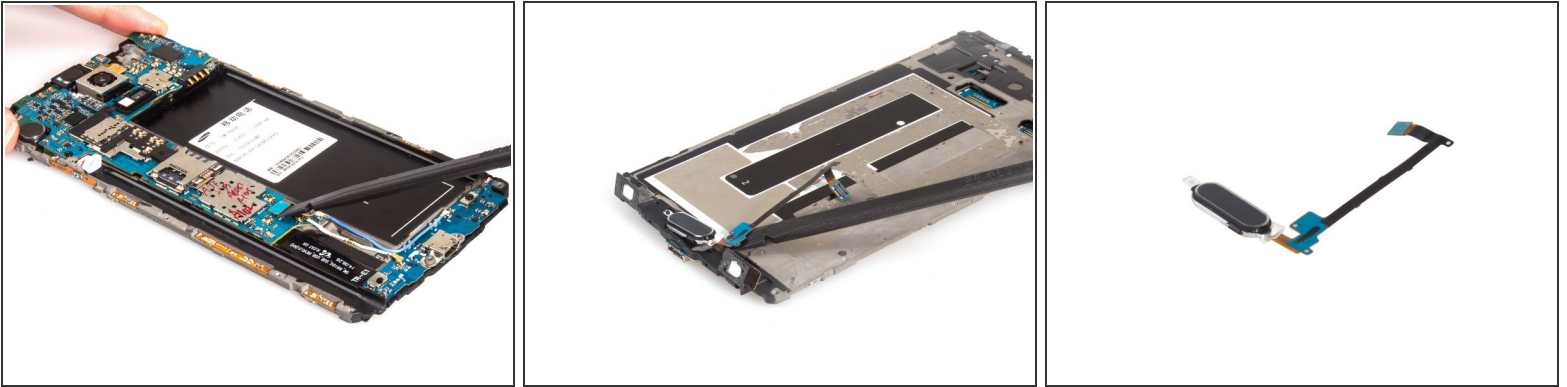
- Unlike the Galaxy S5, the Note 4 power and volume buttons are easy to remove.

Step 8



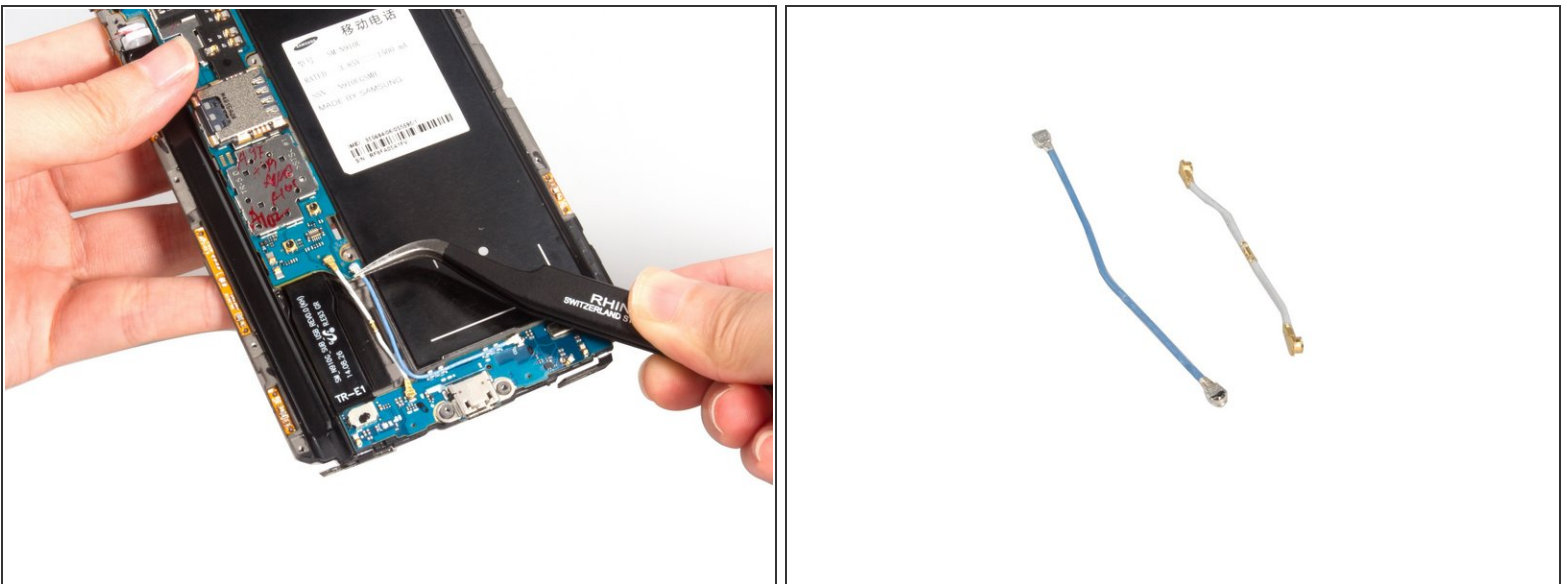
- Cut the adhesive between LCD screen and mid plate carefully. Especially care about the position of the flex very much.
- The adhesive is in the red scale, it's strong and we had damaged the foil film on the back of the screen when cut the adhesive. Heat with a low degree will make easier.
- Release the connectors from motherboard. The right one is S Pen sensor film connector and the left one is LCD screen connector.
- You also can see the soft keys on the bottom side. So be careful when cut the adhesive, don't hurt that part.
- At last, remove LCD screen assembly carefully.

Step 9



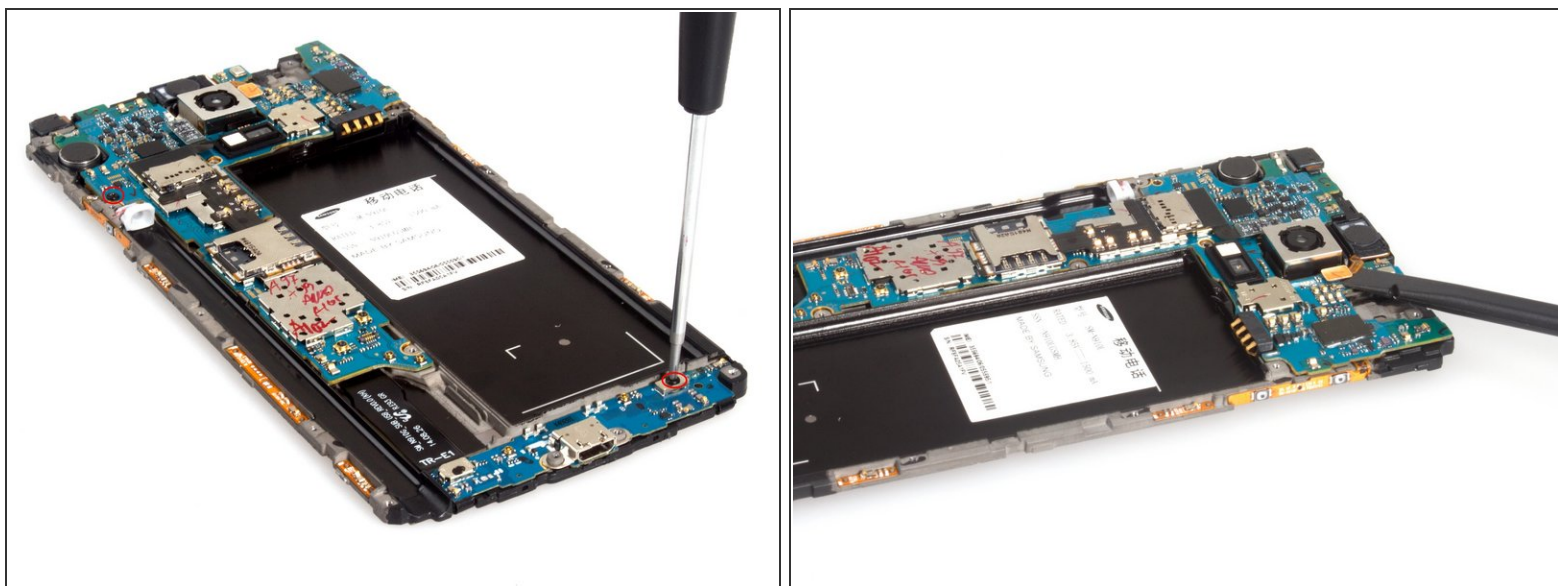
- Release navigation button flex connector ,get it free from the adhesive on the mid-plate and remove it.

Step 10



- Remove 2 pcs of signal flexes. And maybe different versions Galaxy Note 4 comes with different numbers of signal flexes. Possibly one or two.

Step 11



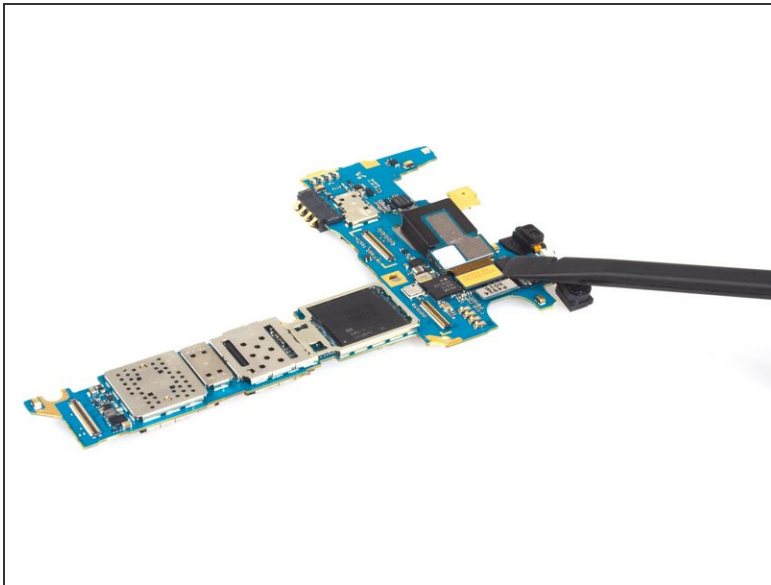
- Twist off two screws securing motherboard and USB board at first.
- Don't forget to release the earpiece speaker connector.

Step 12



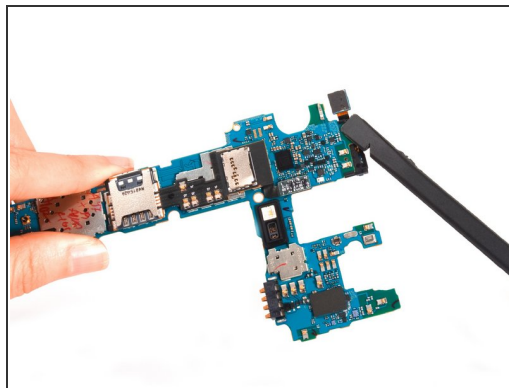
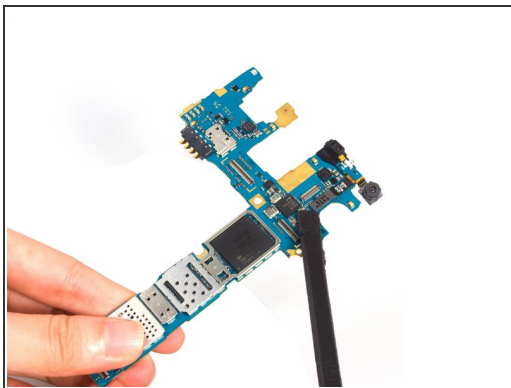
- Pry up the motherboard.
- Release USB charging board from motherboard.
- Finally, remove Galaxy Note 4 motherboard.

Step 13



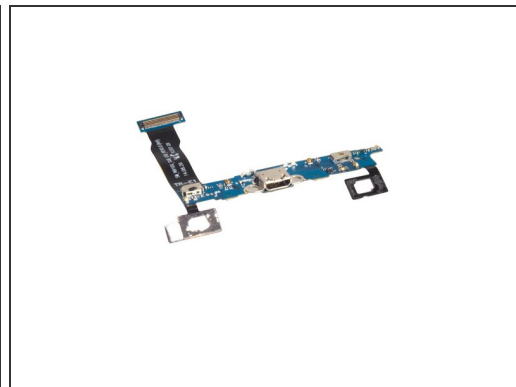
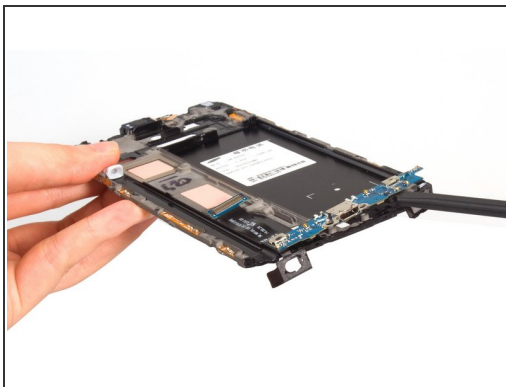
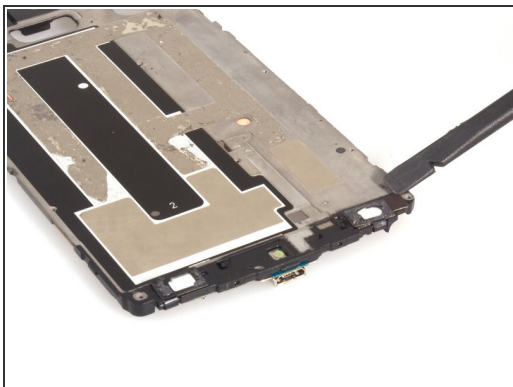
- By the way, remove rear camera from motherboard. Release the connector and can take the camera away easily.

Step 14



- Now, it's the turn of front camera assembly.
- Release the connector at first, and then get free the two clasps, at last remove the front camera with sensors together.

Step 15



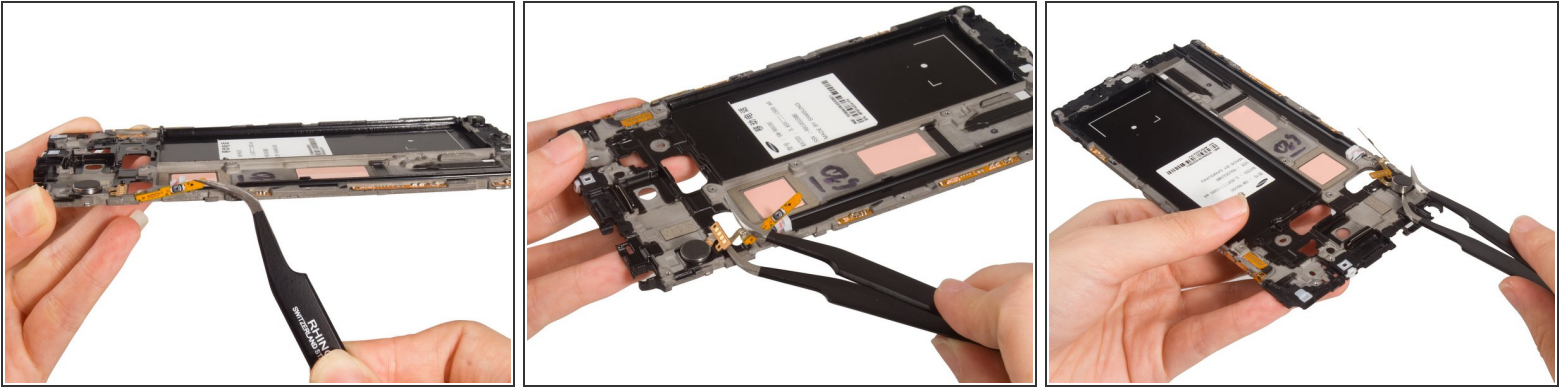
- Get recent apps button and back button free from the adhesive on the mid plate.
- Pry up the USB charging board and remove it.

Step 16



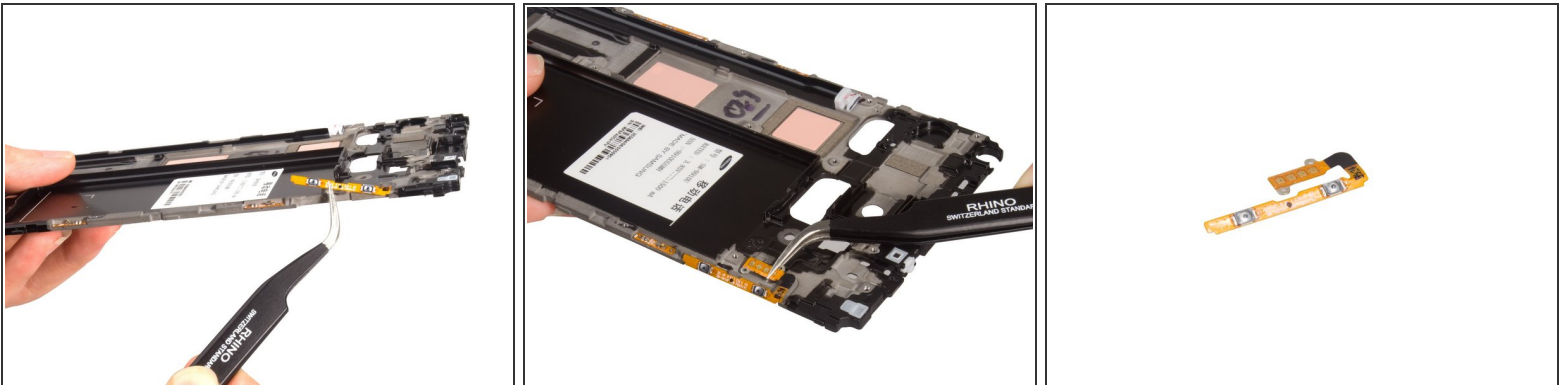
- Pry up and remove earpiece speaker.

Step 17



- Vibrator comes with power button flex together.

Step 18



- Remove volume button flex.

Step 19



● Done.

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