



How to replace Samsung Galaxy Note 5 motherboard

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INTRODUCTION

This is not a full disassembly about how to disassemble Samsung Galaxy Note 5. The author [TechMD](#) stopped until he disassembled the motherboard. Check it out:

[video: <https://www.youtube.com/watch?v=FZQfx26ydGc>]

TOOLS:

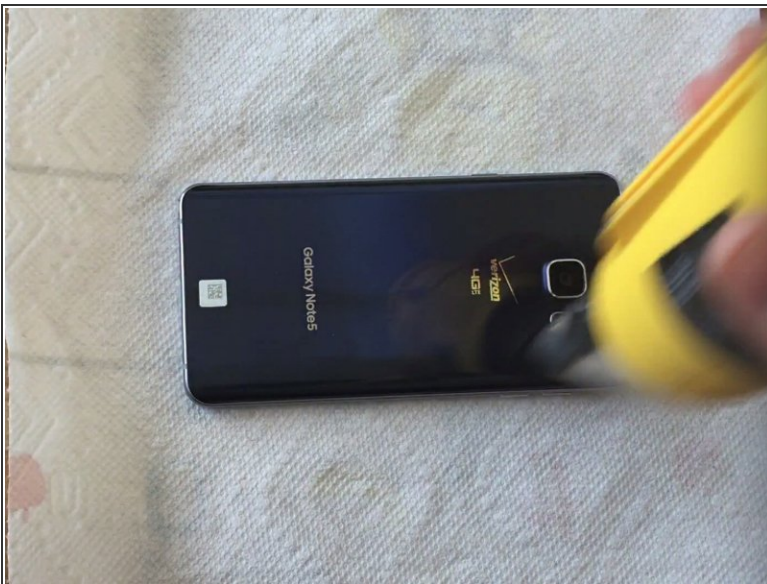
- [Heat Gun](#) (1)
 - [iSesamo Opening Tool](#) (1)
 - [Essential Electronics Toolkit](#) (1)
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Step 1 — Power off the Galaxy Note 5 and remove the S Pen.



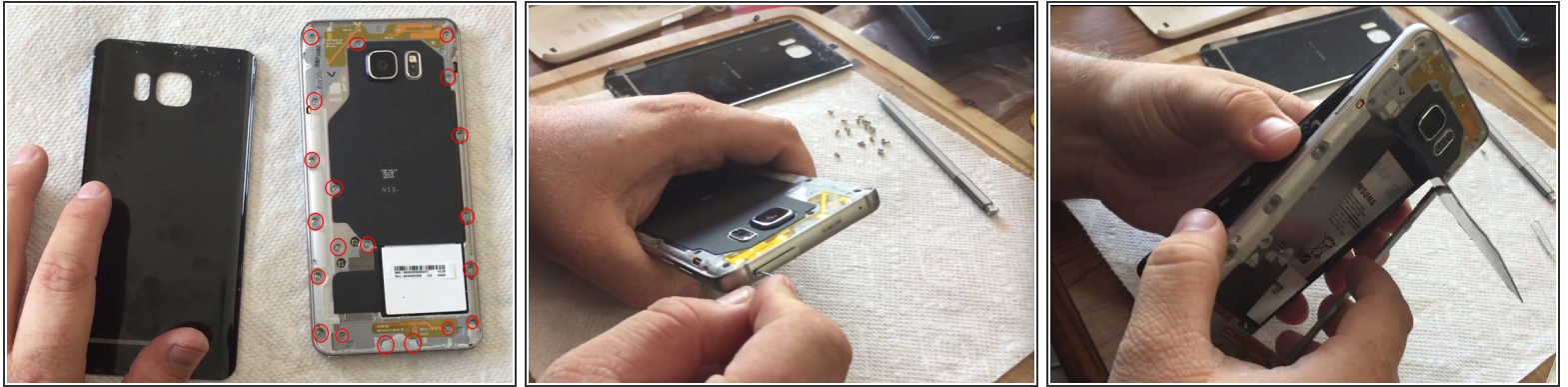
- Power off the Galaxy Note 5 and remove the S Pen.

Step 2 — Remove the Galaxy Note 5 battery door.



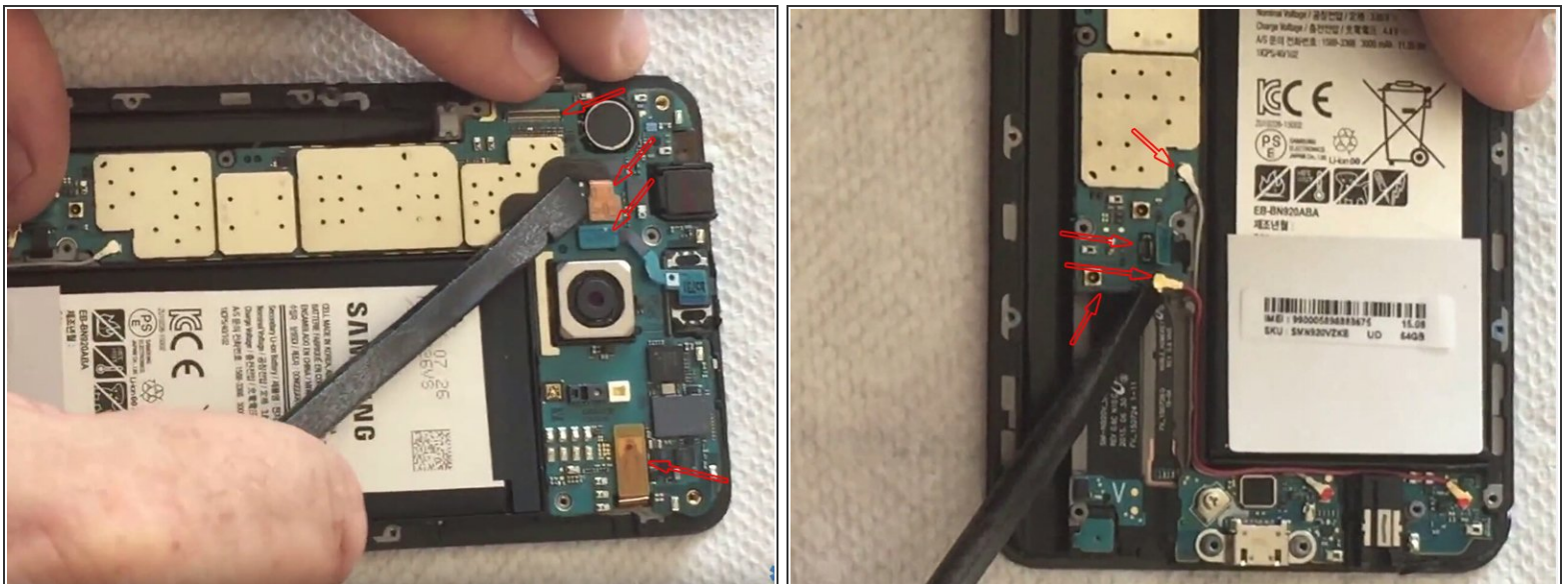
- Run the hair drier or heat gun around the edges of Note 5 on the back to soften the adhesive.
- Gently pry up to release the battery cover. Be patient on this step as the battery cover is glued by strong adhesive.

Step 3 — Release the Galaxy Note 5 rear housing.



- Undo the 20 screws in the rear housing.
- Remove the SIM card tray.
- Pry up the wireless charging chip. Be careful not to damage the fragile flex ribbon. Insert the case opening tool into the gap between rear housing and LCD assembly to release the rear housing.

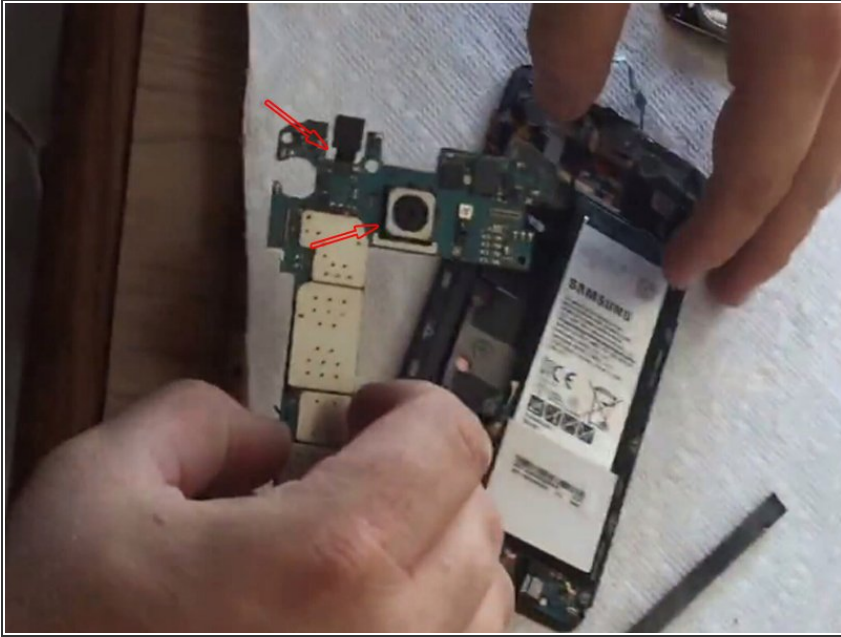
Step 4 — Release the Galaxy Note 5 motherboard.



- Pry up the LCD and digitizer flex connectors, battery flex connector and proximity sensor flex connector.
- Pry up the charging port flex connector, RF signal cable connectors and a connector underneath as shown in the picture to release the motherboard.

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Step 5 — Remove the front and rear facing cameras.



- Remove the connectors of front and rear facing cameras if necessary.

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