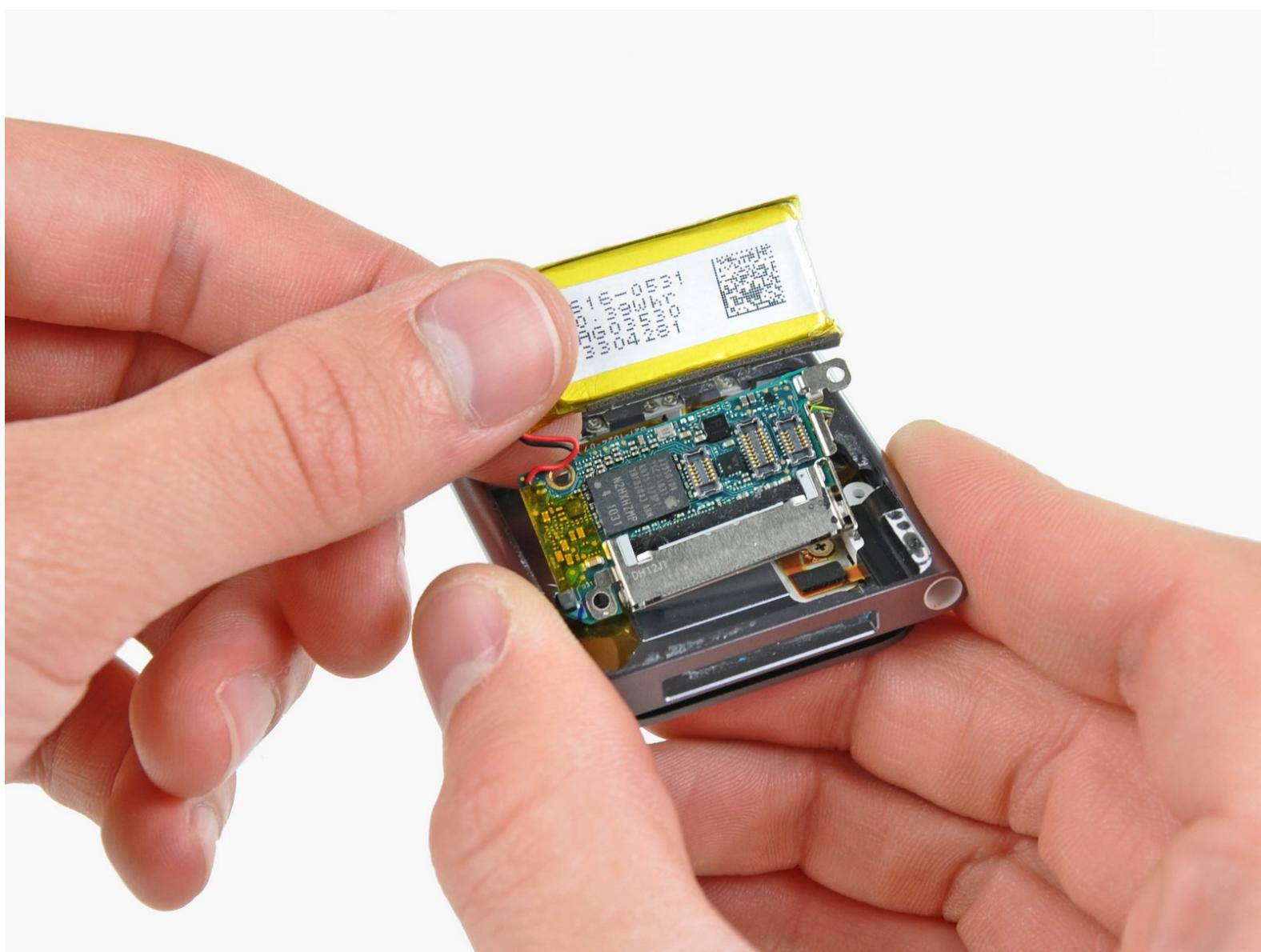




iPod Nano 6th Generation Logic Board Assembly Replacement

Remove your 6th generation Nano's logic board and its attached battery.

Written By: Andrew Bookholt



INTRODUCTION

Use this guide to replace your Nano's logic board assembly.

TOOLS:

- Heat Gun (1)
- Phillips #00 Screwdriver (1)
- iFixit Opening Tools (1)

PARTS:

- [iPod nano \(6th Gen\) Replacement Battery \(1\)](#)

Step 1 — Front Panel Assembly



- Use a heat gun or hair dryer to soften the adhesive securing the perimeter of the front panel assembly to the outer case.

 Be careful not to overheat the front panel assembly, as it may result in damage to the LCD.

Step 2



- While the front panel is still warm, use the edge of an iPod opening tool to pry it from the headphone jack side of the front panel assembly out of the Nano.

⚠ Do not attempt to pry out the front panel assembly from, or insert the opening tool into the left side of the display, as the display data cable is right underneath and may be damaged in the process.

- Continue prying the perimeter of the front panel assembly out of the outer casing, being careful not to damage the display data cable held under its left edge.

i If the front panel is excessively difficult to lift out of the outer case, reheat the area and try again.

Step 3



- Lift the front panel assembly from the headphone jack side of the Nano.
- Pull the front panel assembly slightly away from the left side of the Nano to clear the display data cable.

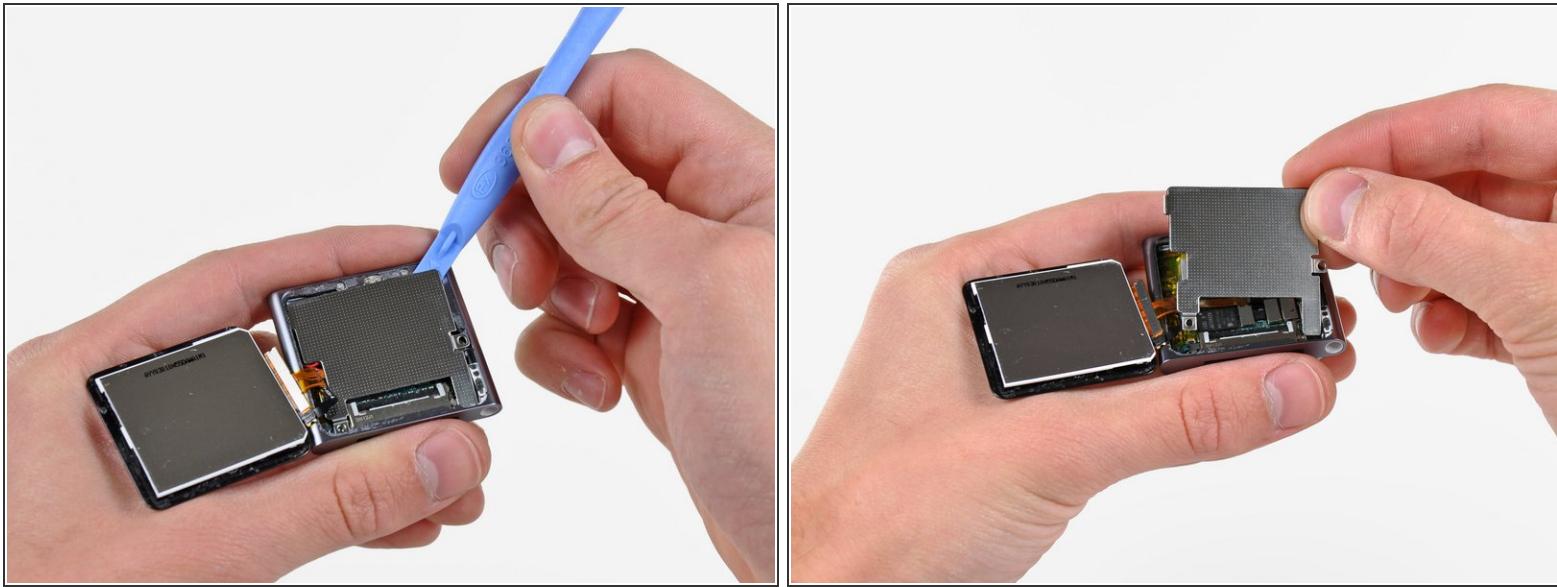
 The front panel assembly is still attached to the Nano by two cables.

Step 4



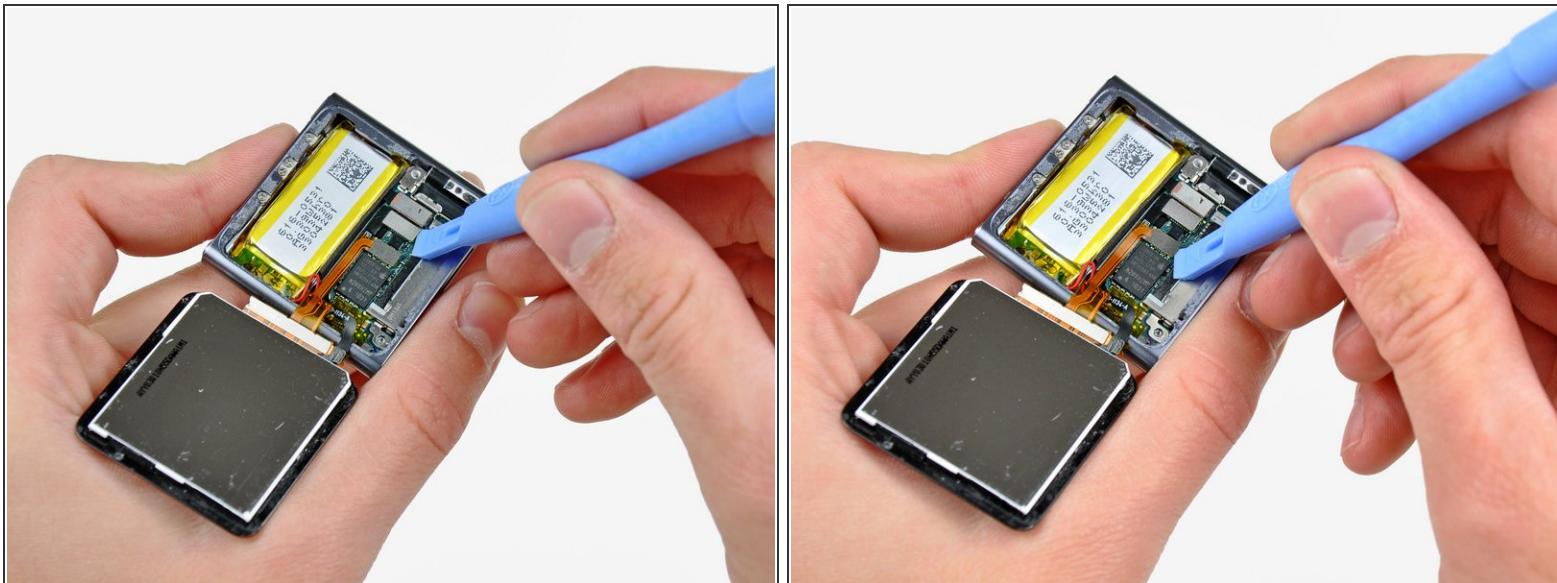
- Lay the front panel assembly next to the Nano.
- Remove the following two screws:
 - One 2.3 mm Phillips screw
 - One 2.6 mm shouldered Phillips screw

Step 5



- Use an iPod opening tool to pry the steel shield out of the Nano by its upper right corner.
- Remove the steel shield from the Nano.

Step 6



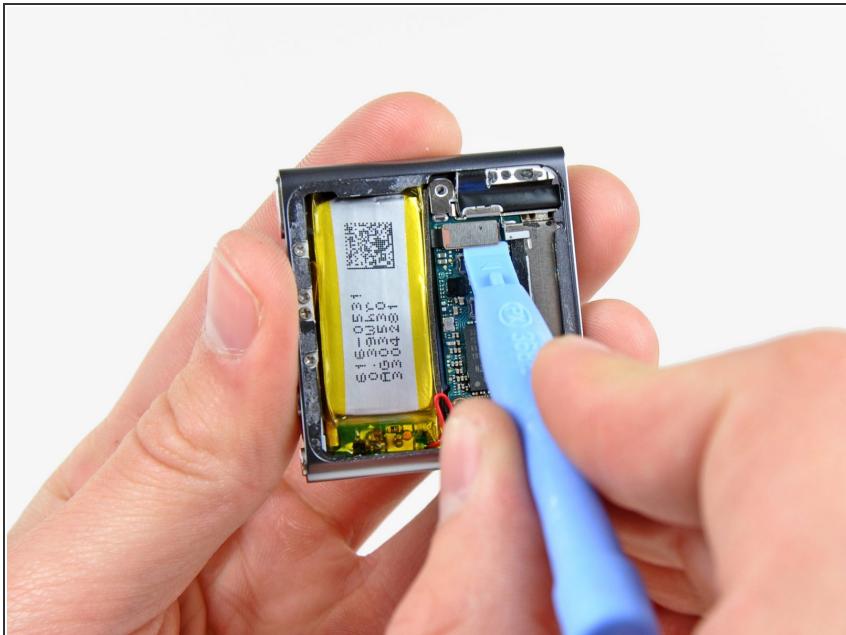
- Use an iPod opening tool to disconnect the display data and digitizer cable connectors up from their sockets on the logic board.

Step 7



- Remove the front panel assembly, minding its two cables that may get caught. To reassemble, you can use the double-sided tape found [here](#).

Step 8 — Logic Board Assembly



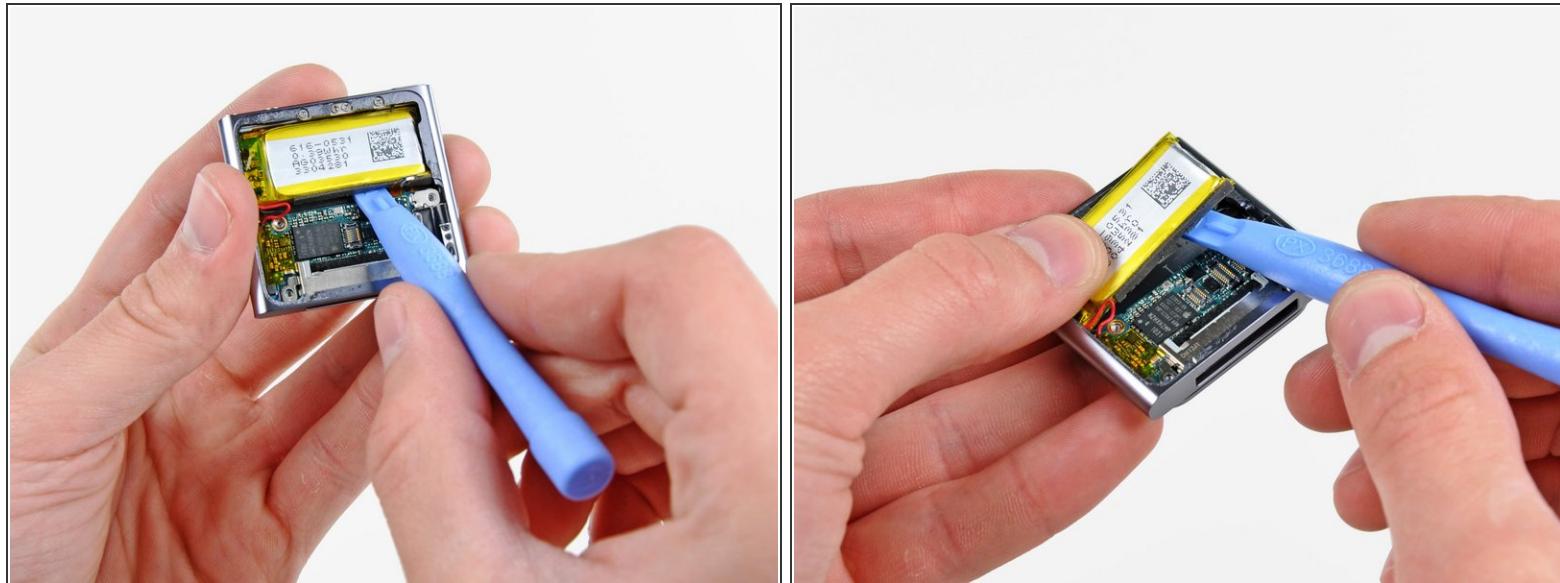
- Use an iPod opening tool to lift the headphone jack assembly connector up and out of its socket on the logic board.

Step 9



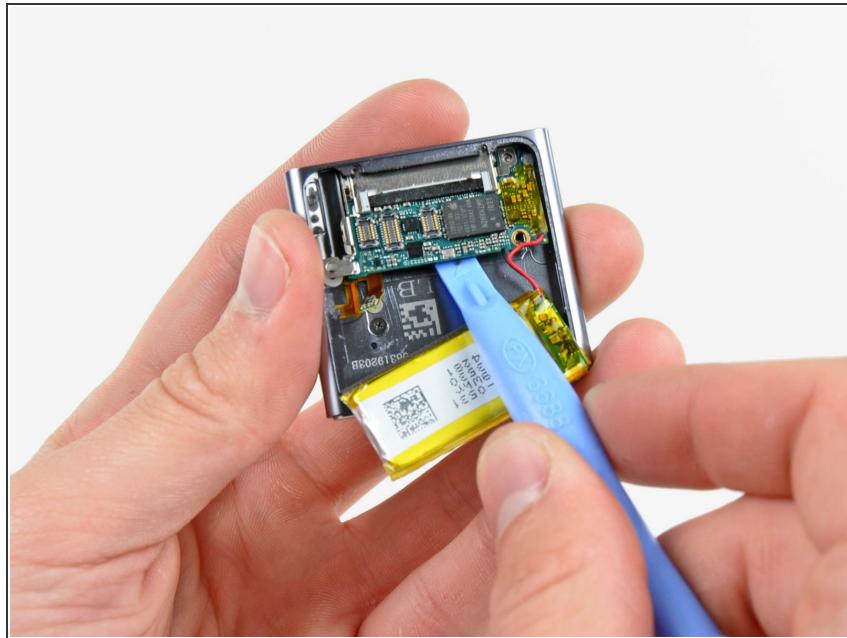
- Remove the single 1.9 mm Phillips screw securing the logic board to the outer case.

Step 10



- Use an iPod opening tool to gently pry the battery up from the adhesive securing it to the outer case.
(i) The adhesive is very strong. Work carefully and slowly, making sure to not slip and break any fragile components.
- Use your thumb to pull the battery toward the left side of the Nano as you pry the battery's other edge out of the outer case.

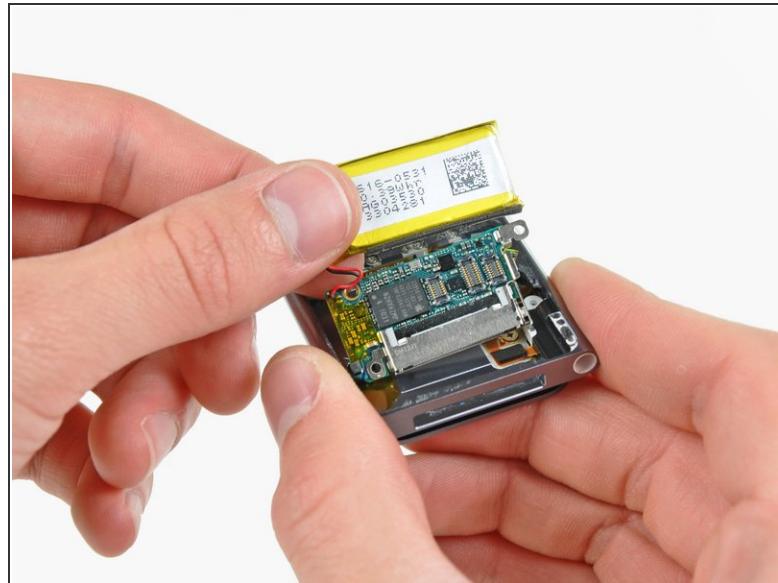
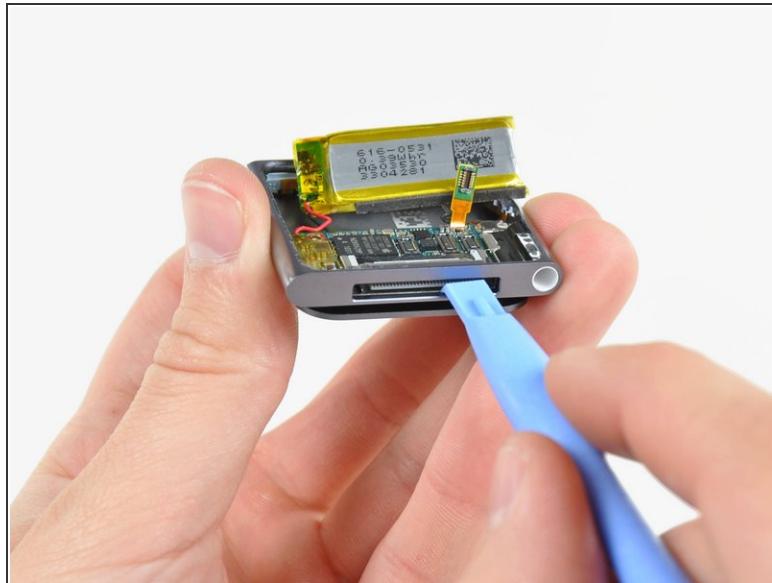
Step 11



- Use an iPod opening tool to gently pry the logic board off the adhesive holding it against the outer case.

 Do not excessively pry the logic board upward.

Step 12



- Use your iPod opening tool to gently push the dock connector toward the center of the Nano.
- Remove the logic board assembly from the Nano, being careful not to damage the headphone jack assembly cable.

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