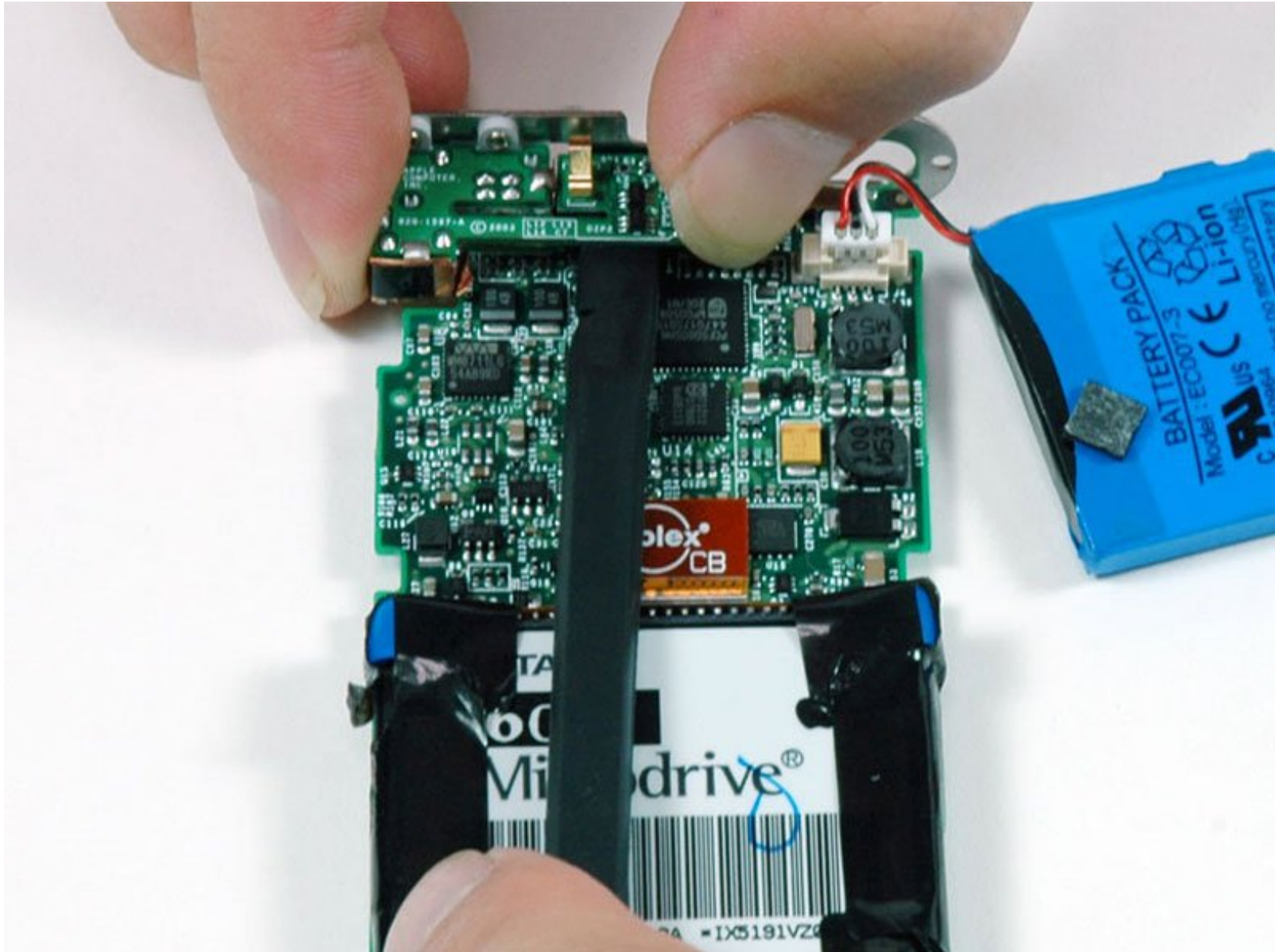




iPod Mini Logic Board Replacement

Written By: iRobot



INTRODUCTION

Your iPod's motherboard controls just about everything on the iPod.



TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [Flathead 3/32" or 2.5 mm Screwdriver](#) (1)
- [Spudger](#) (1)



PARTS:

- [iPod Mini Gen 1 Logic Board](#) (1)
- [iPod Mini Gen 2 Logic Board](#) (1)

Step 1 — Top Bezel



- ⓘ Before opening your iPod, ensure that the hold switch is in the locked position.

Step 2



- Carefully insert a small flathead screwdriver or [Jimmy](#) in the seam between the metal casing and white plastic top. Use the screwdriver to pry up the white plastic top bezel. Be careful not to damage the soft plastic with your screwdriver.
- ⓘ The top bezel is held on with an adhesive, so it may be necessary to pry up in several different locations to free the part.

- To make this job easier, heat up the adhesive with a hairdryer on low heat for a few seconds.

Step 3



- Lift the top bezel off of the iPod.

Step 4 — Bottom Bezel



- Carefully insert a small flathead screwdriver or [Jimmy](#) in the seam between the metal casing and white plastic bottom. Use the screwdriver to pry up the white plastic bottom bezel. Be careful not to damage the soft plastic with your screwdriver.

Step 5



- A small pair of snap ring pliers is the easiest tool to remove the metal retaining bracket.
- You can also use a flathead screwdriver to pry out the metal retaining bracket beneath the bottom bezel as shown. You can free the bracket by first pushing in the metal arms on the corners and then lifting the bracket.

Step 6



- Lift the metal retaining bracket out of the iPod.

Step 7 — Display



⚠ Be careful, this connector is fragile.

- Use a spudger or the tip of your finger to carefully disconnect the orange click wheel ribbon from the logic board.

Step 8



- Remove the two #00 Phillips screws securing the headphone jack to the casing.

Step 9



- Carefully slide the iPod out of its casing by pushing on the logic board near the bottom edge of the click wheel.
- ⓘ Do not pull on the headphone jack board at the top of the iPod, as the connector to the logic board is fragile.

Step 10



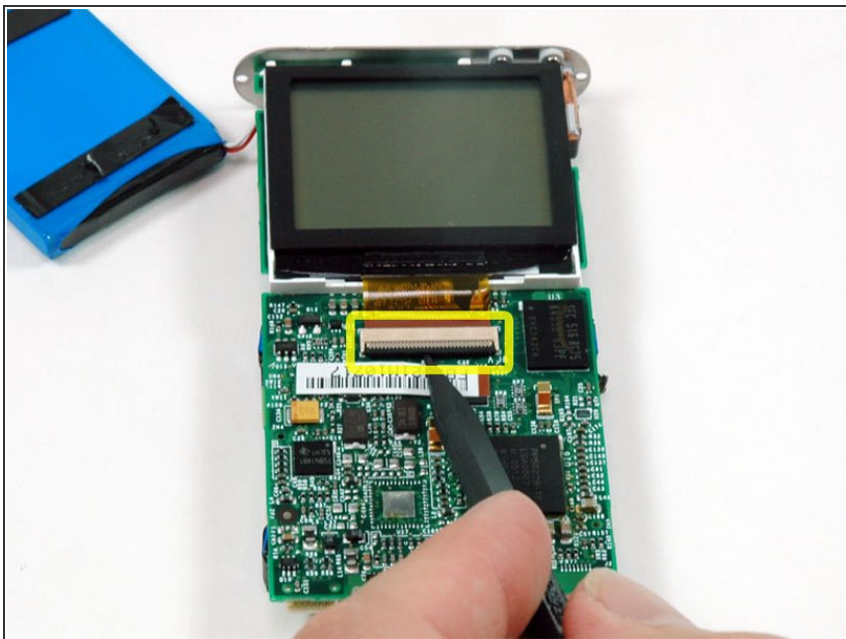
- After pushing the logic board out sufficiently, gently grasp the logic board on either side of the display, and continue to slide the iPod out of its casing.

Step 11



- Lift the battery off of the logic board and lay it to the side of the iPod.

Step 12



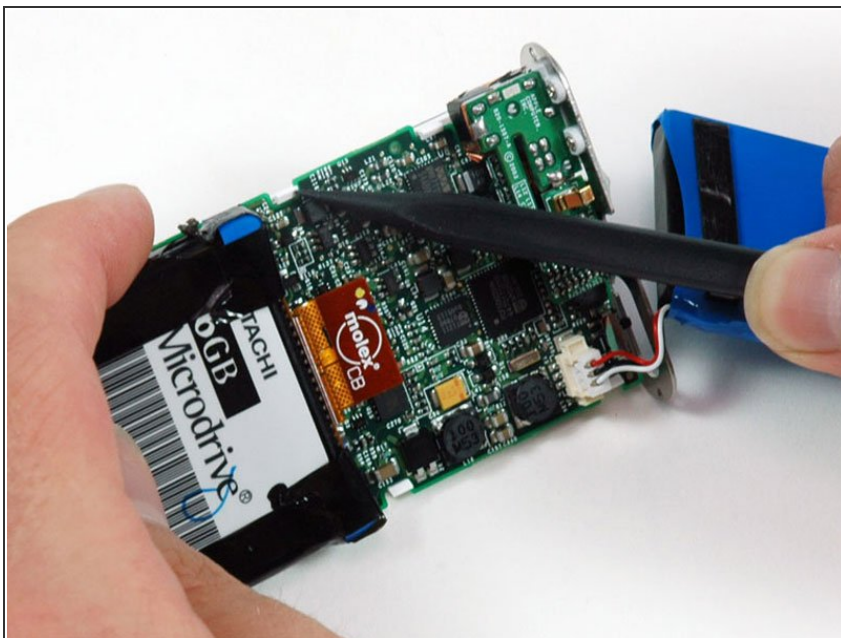
- Use a spudger to flip up the black plastic tab holding the orange display ribbon in place. The black tab will rotate up 90 degrees, releasing the ribbon cable.
- ⓘ This tab is fragile so be careful not to break it.

Step 13



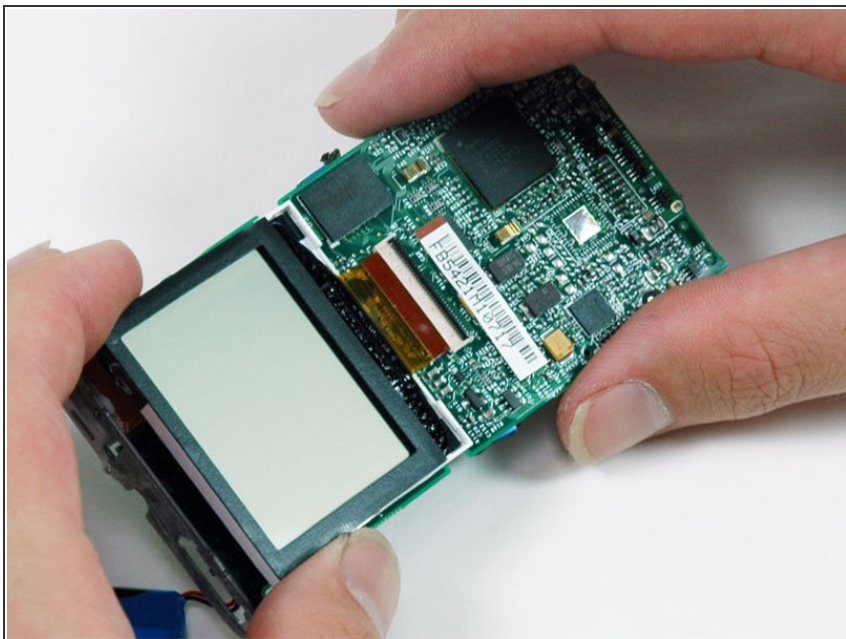
- Note the location of the four white plastic tabs securing the display to the logic board. These tabs must be released before the display can be removed.

Step 14



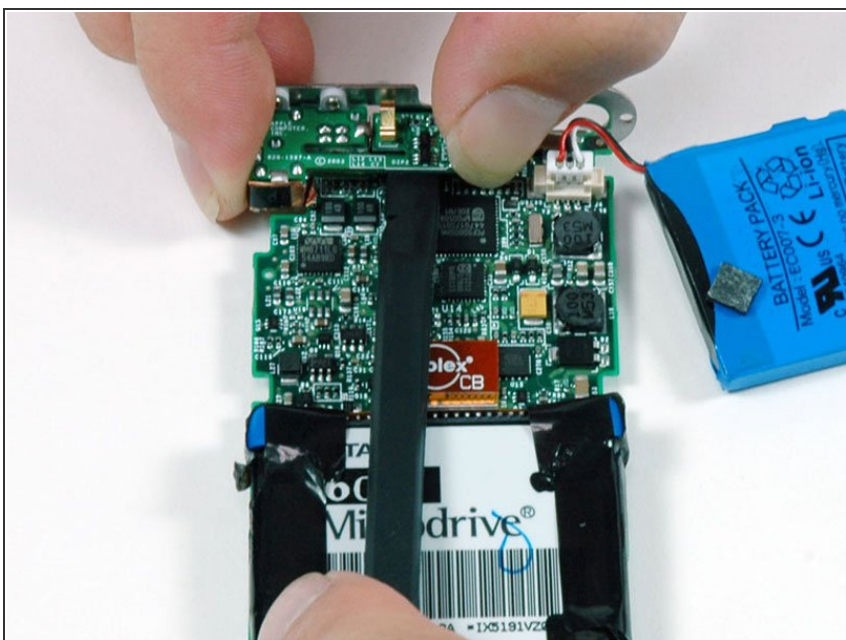
- Use a spudger or your finger to free the four white plastic tabs indicated in the previous picture.

Step 15



- Turn the iPod over.
- Carefully lift the display up and slide it out of its connector.

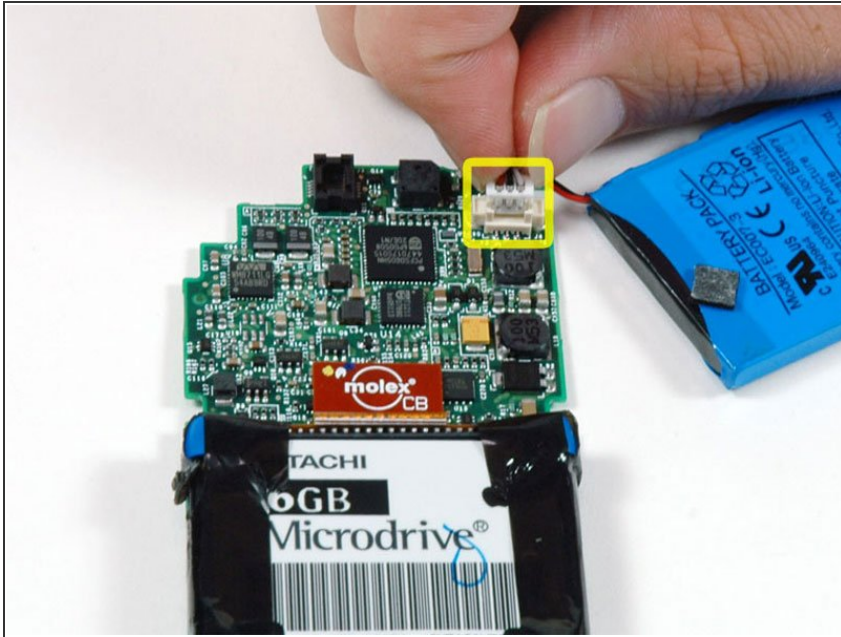
Step 16 — Logic Board



- Use a spudger to carefully pry up the headphone jack board from the logic board. Be careful to pry up

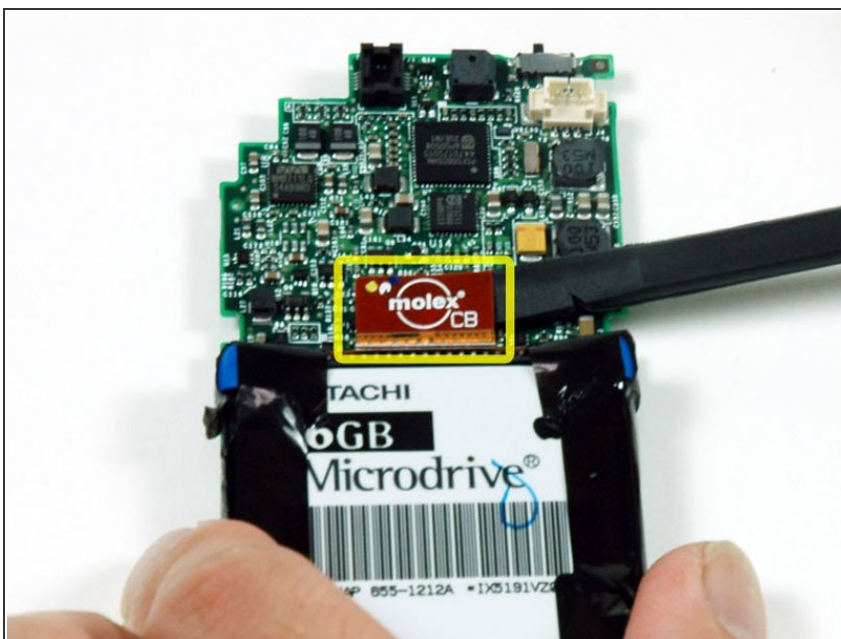
near the connector to prevent unnecessary strain on the board.

Step 17



- Carefully disconnect the battery from the logic board. Make sure to pull only on the connector and not on the battery wires.

Step 18



- Use a spudger or the tip of your finger to carefully disconnect the orange hard drive ribbon from the logic board.
- Lift the hard drive out of the iPod.

Step 19



- Logic board remains.

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