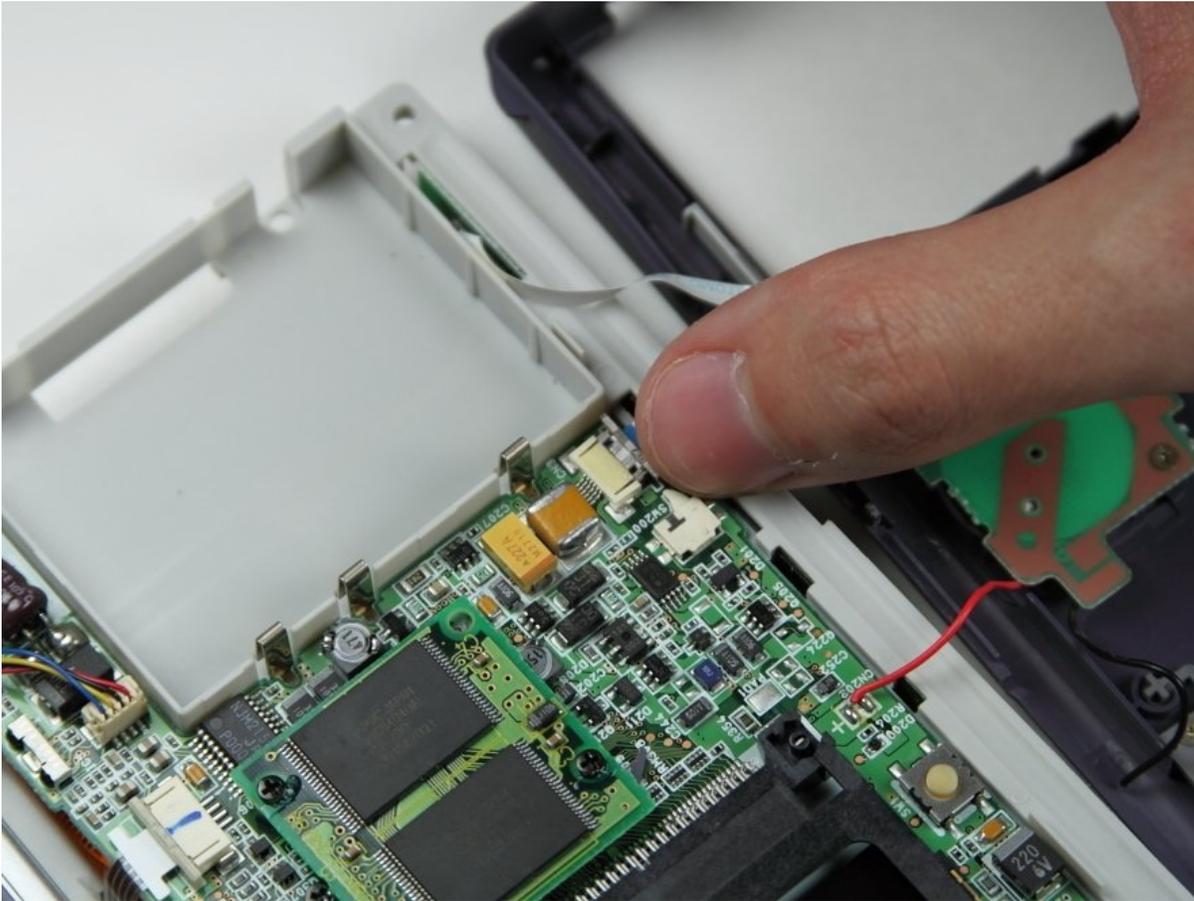




Casio Cassiopeia E-125 Motherboard Replacement

Written By: Ryan Fernandez



TOOLS:

Phillips #00 Screwdriver (1)

Jimmy (1)

For opening the case.

Spudger (1)

Use instead of a conducting metal flathead screwdriver for disconnecting parts and cables.

Flathead 3/32" or 2.5 mm Screwdriver (1)

Step 1 — Battery



- Flip the device over to the back side.

Step 2



- Slide the small switch on the back to "MAIN".

Step 3



- Slide the battery cover downwards.
- Pull off the battery cover.

Step 4



- Pull the black tab to remove the battery.

Step 5 — Touch Screen



- Use the Phillips #00 screwdriver to remove the two screws near the top of the device.

Step 6



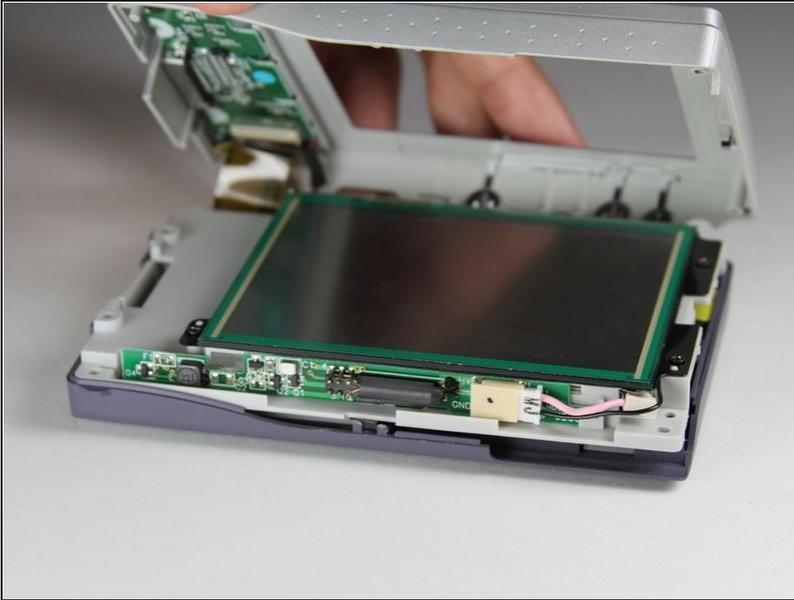
- Use the Phillips #00 screwdriver to remove the two screws located inside the battery compartment.

Step 7



- Use a spudger or opening tool to separate the two halves of the case.

Step 8



- Pry the two halves of the case apart with the opening tool.

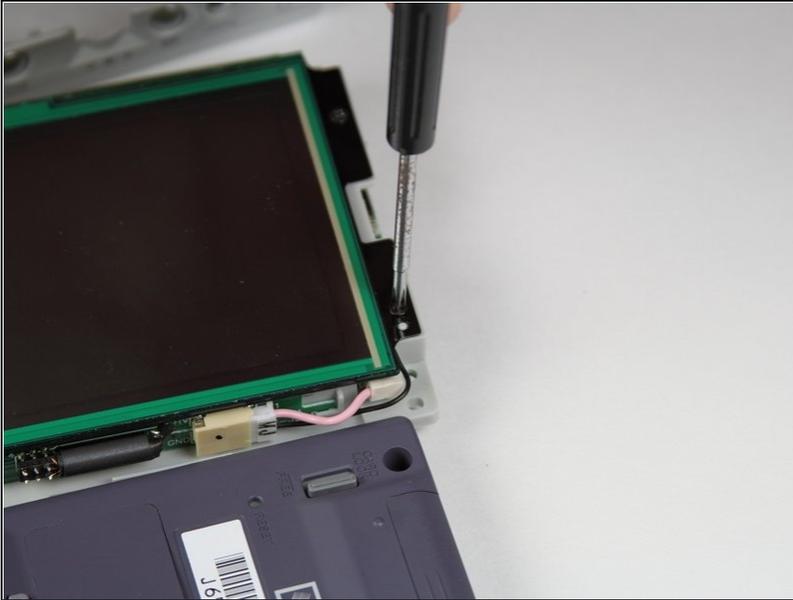
Step 9



⚠ Potential for device damage. Do not pull apart the wires connecting the outer case.

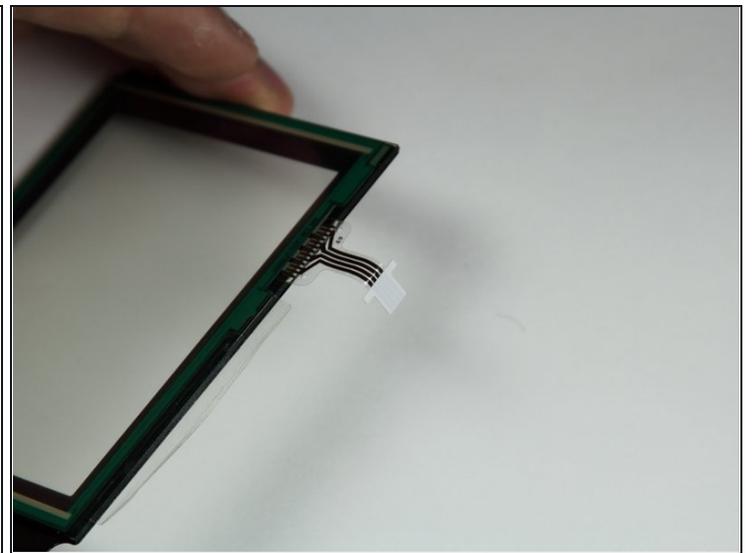
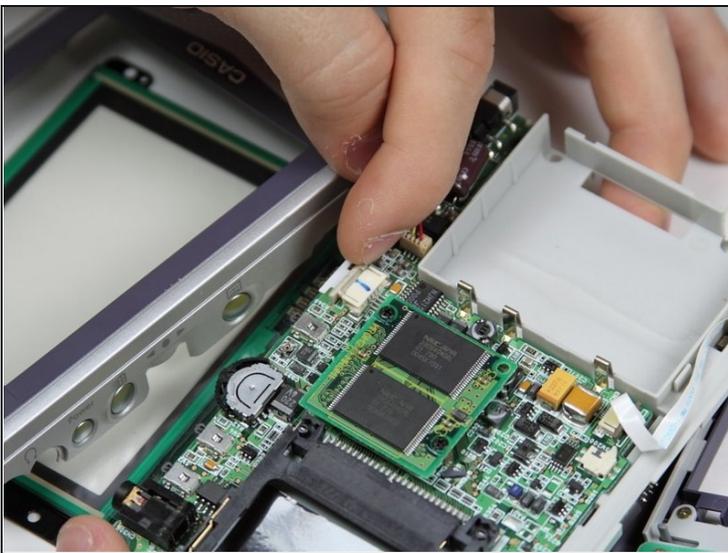
- Lay the two halves of the outer case next to the central components as shown.

Step 10



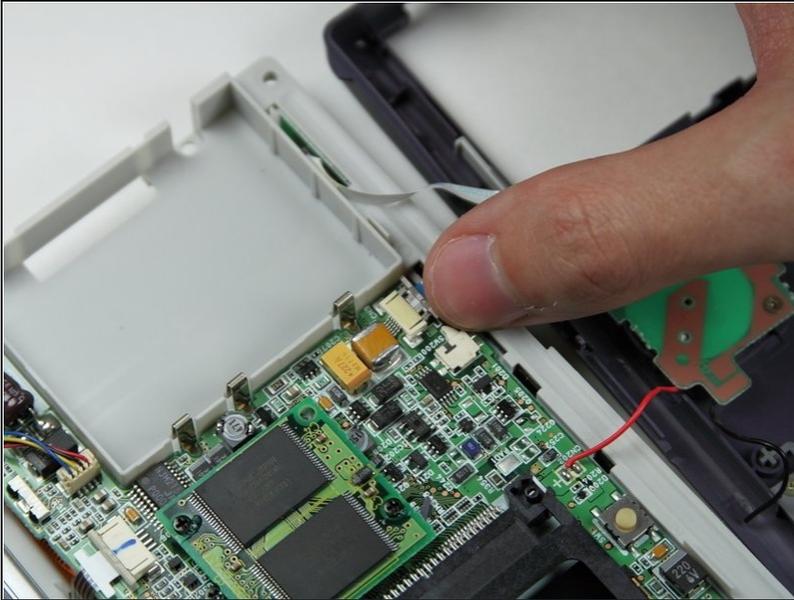
- Use the Philips #00 screwdriver to remove the three screws in the corners of the screen.

Step 11



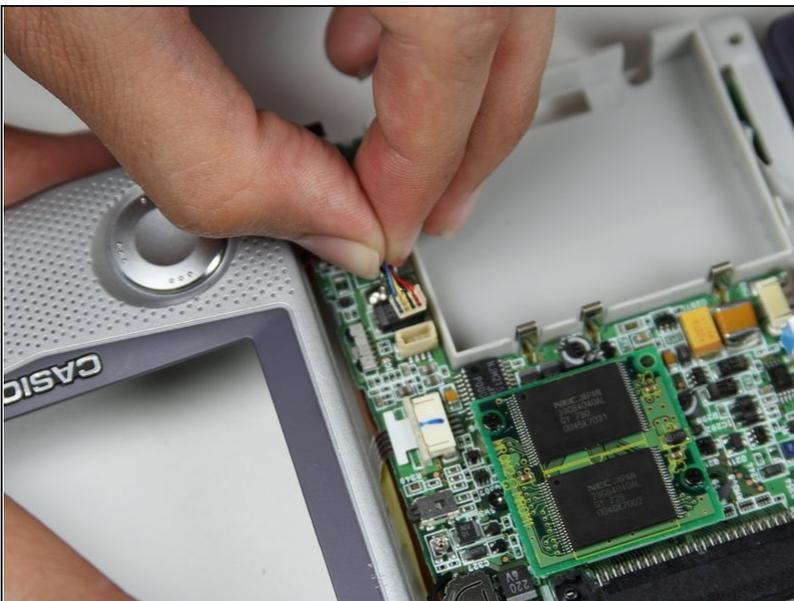
- Lift the tab on the motherboard and pull out the ribbon cable.
- After the ribbon cable is detached from the motherboard, the touch screen is completely separated from the device.

Step 12 — Motherboard



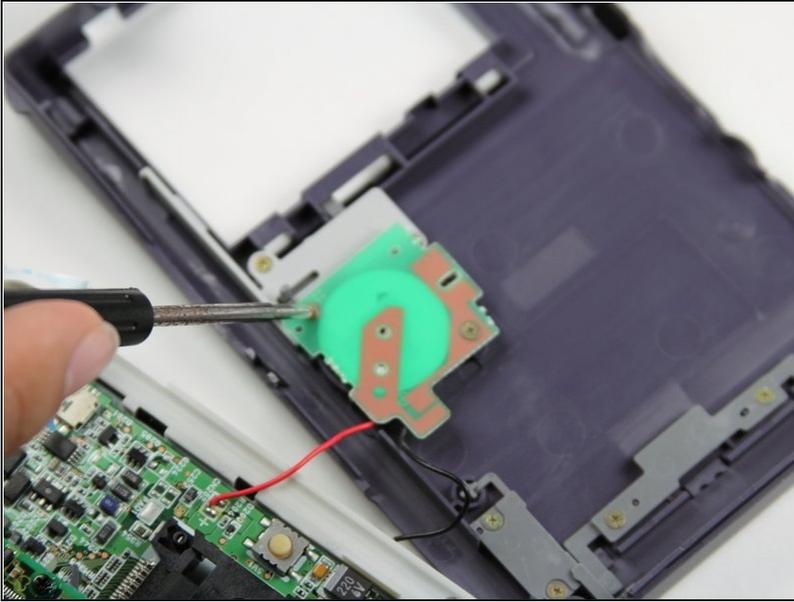
- Locate the small grey ribbon cable towards the bottom of the device. It should be located above the battery slot. Pinch both sides of the ribbon cable and pull it out.

Step 13



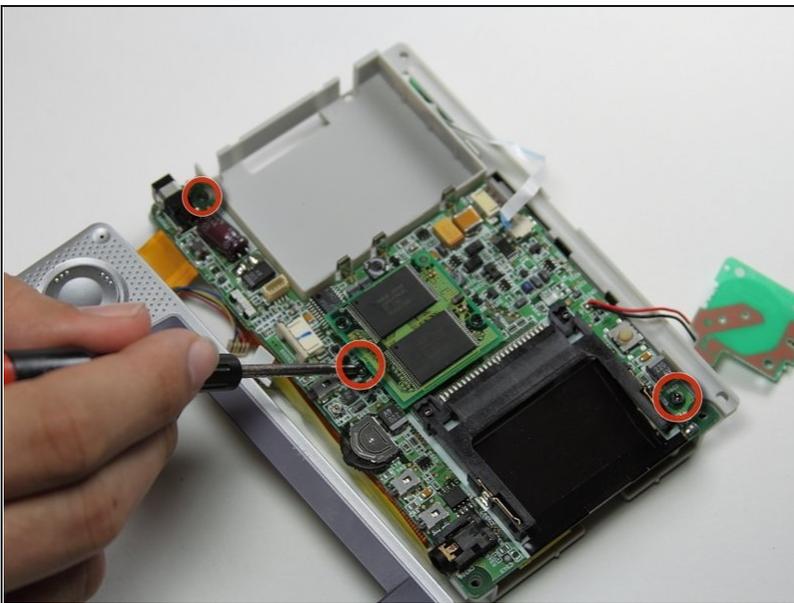
- Locate the multicolored wire on the motherboard near the battery compartment. Pull on the wire by the base and lift to remove.

Step 14



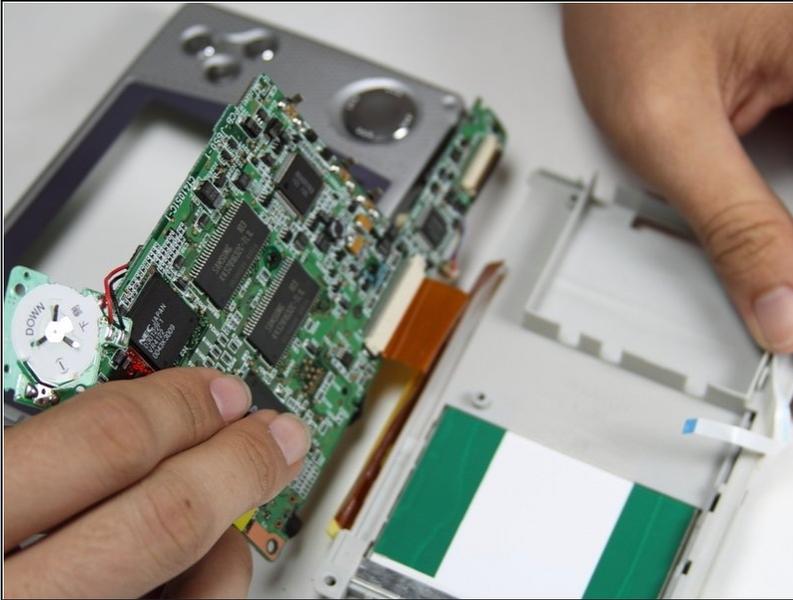
- Use the Phillips #00 Screwdriver to remove the two screws from the green circuit board on the back case.

Step 15



- Remove the the three screws on the motherboard that are shown using the Phillips #00 Screwdriver.

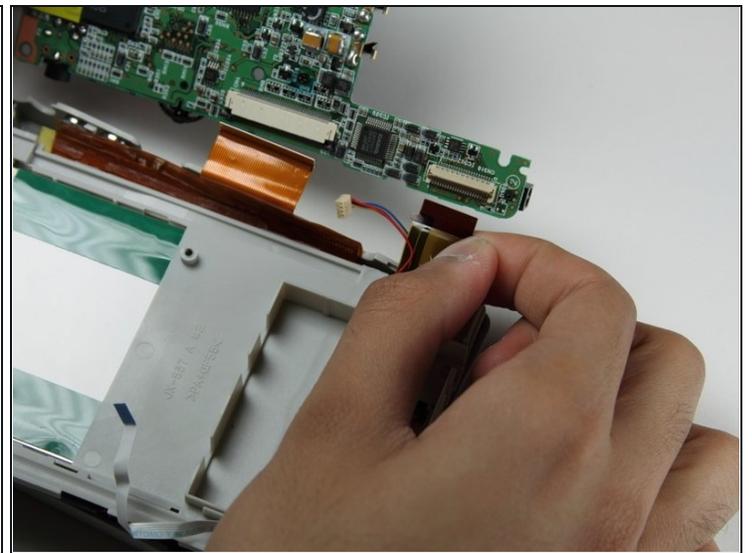
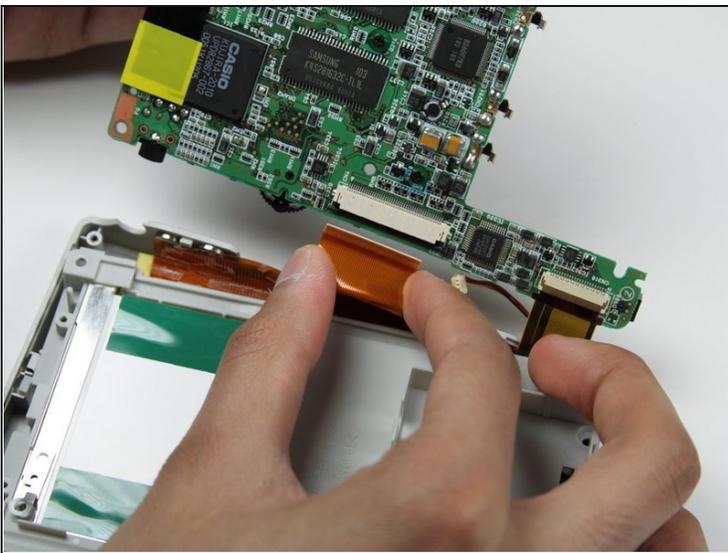
Step 16



⚠ Caution: do not break ribbon cables from the motherboard because this may cause damage to your device.

- Flip the motherboard towards the front cover to expose the ribbon cables underneath.

Step 17



- Locate the two ribbon cables on the motherboard. Select one to remove first and then pinch either side of it and pull out to remove the ribbon cable. Do the same for the second.

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