



Nintendo DSi XL Start/Select Buttons Replacement

Replace or repair faulty or sticky start and select buttons.

Written By: Brett Hartt





TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [Push Pin](#) (1)
- [Spudger](#) (1)



PARTS:

- [Nintendo DSi XL Input Button Pads](#) (1)
- [Nintendo DSi XL Input Buttons](#) (1)

Step 1 — Battery



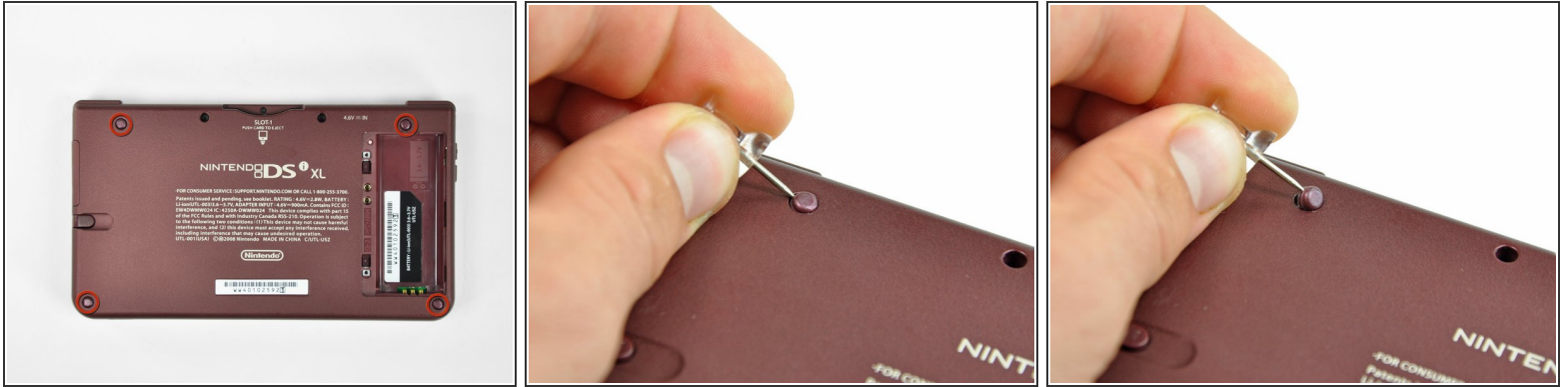
- Remove the two Phillips screws securing the battery cover to the back of the handheld console.
- Lift the battery cover off the back of the DSi XL.

Step 2



- Lift the battery from the DSi XL.

Step 3 — Lower Case



- Remove the four rubber screw covers on the lower case by prying them up with a push pin.

Step 4



- Remove the following seven Phillips screws that secure the lower case to the rest of the DSi XL:
 - Four silver 5.3 mm screws
 - Two black 5.3 mm screws
 - One black 2.5 mm screw

Step 5



 Turn the DSi XL over, and open the display.

- Insert a spudger between the upper and lower case at the bottom left corner of the DSi.
- Slide the spudger along the bottom edge of the upper case to release the latches securing the upper case to the lower case.

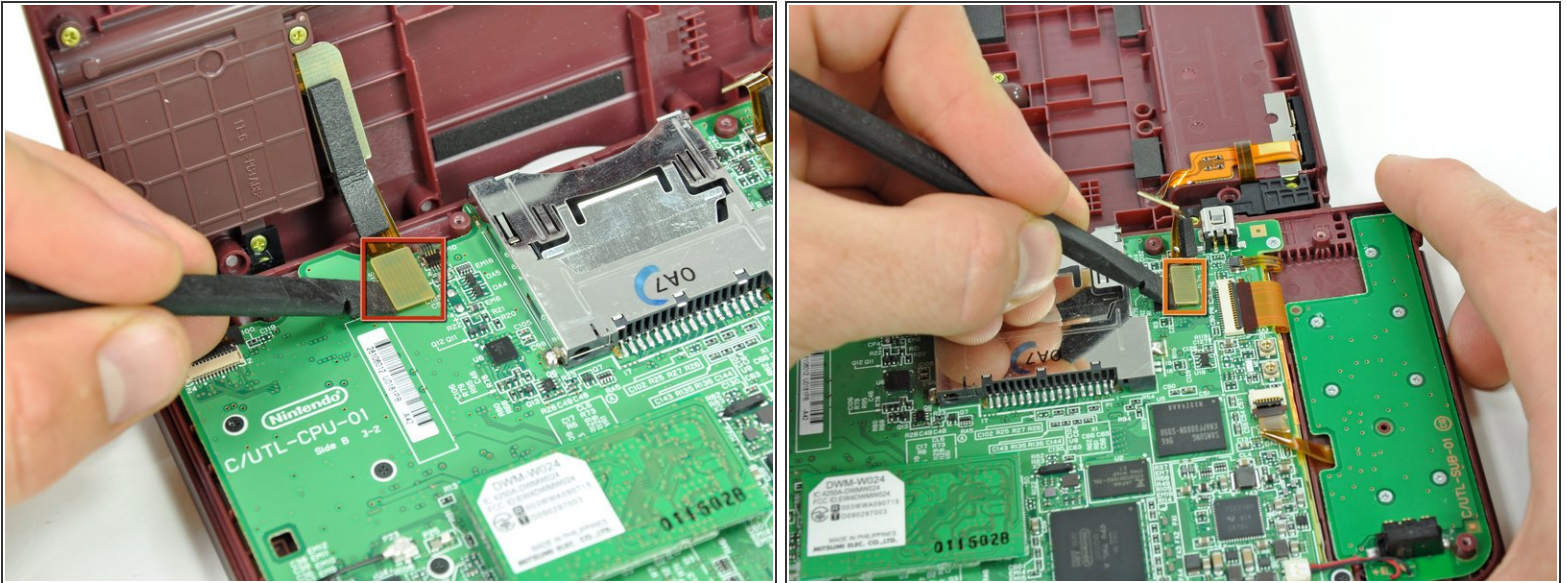
Step 6



- i** Close the display and turn the DSi XL over.

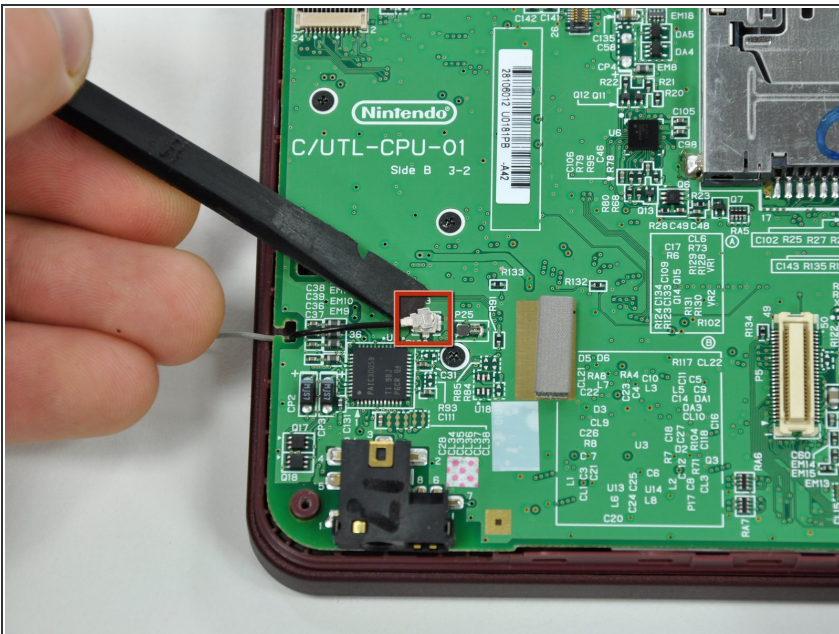
 - Lift the lower case from the front edge.
 - Rotate the lower case away from the DSi.
- i** The lower case cannot be completely removed yet, since it is still connected to the motherboard.

Step 7



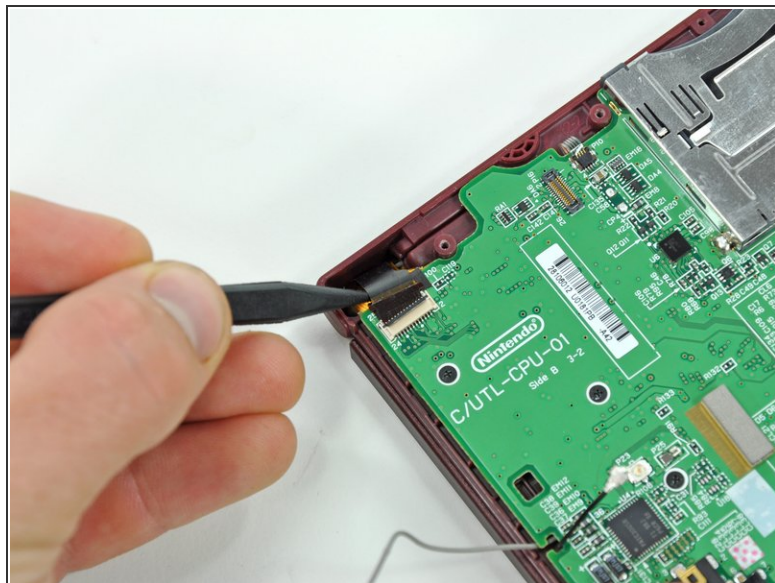
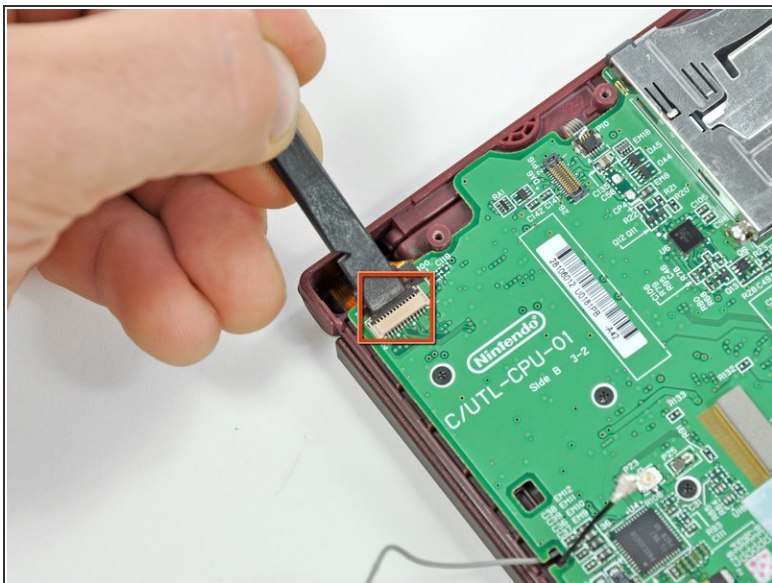
- Using a spudger, pry the SD card/right shoulder button connector off its socket.
- Pry the volume button/left shoulder button connector off its socket on the motherboard with a spudger.

Step 8 — Motherboard



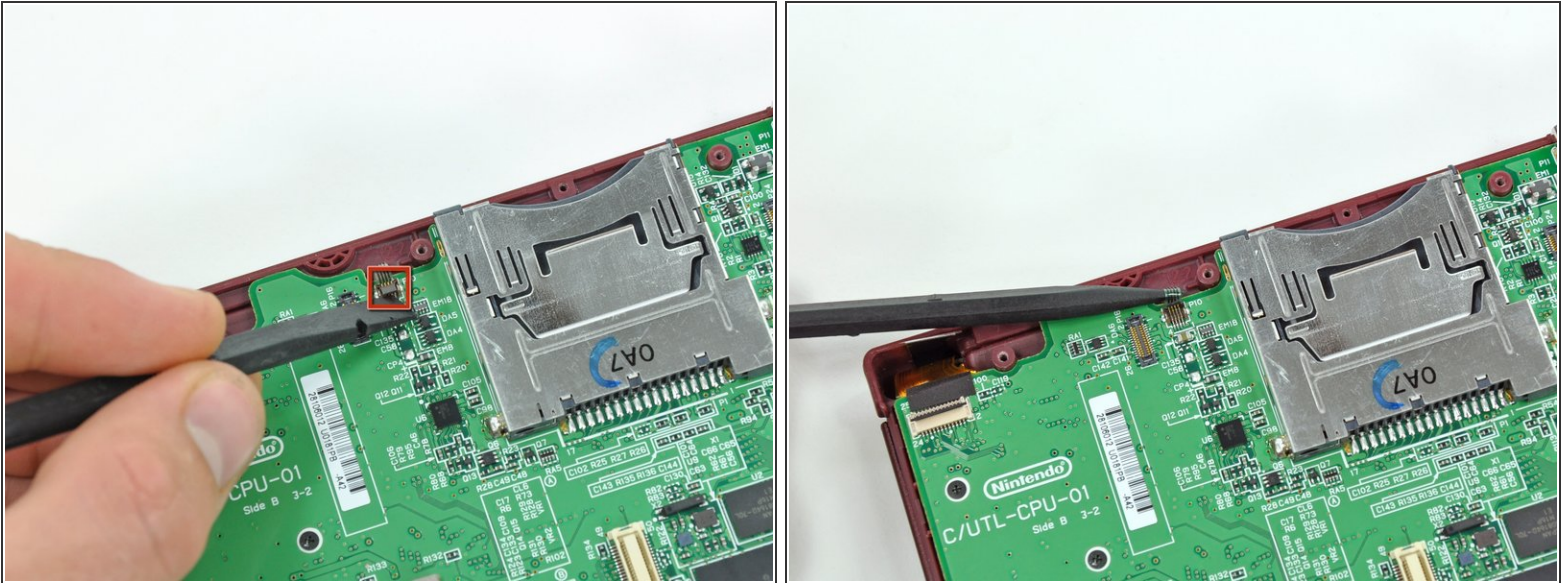
- Use a spudger to pry the microphone cable off the motherboard.
- ① Pry from underneath the cable.

Step 9



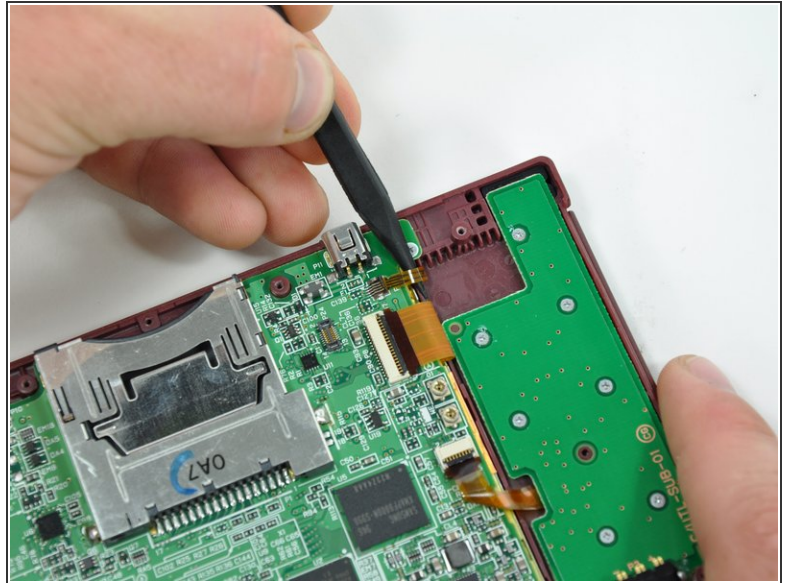
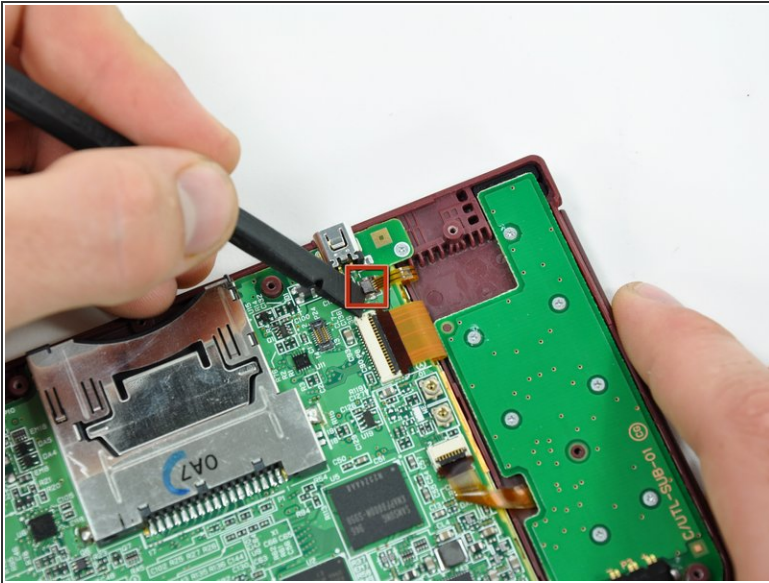
- Using the flat end of a spudger, flip up the retaining flap on the camera ribbon ZIF connector.
- Use the pointed end of a spudger to pull the camera ribbon from the ZIF connector.

Step 10



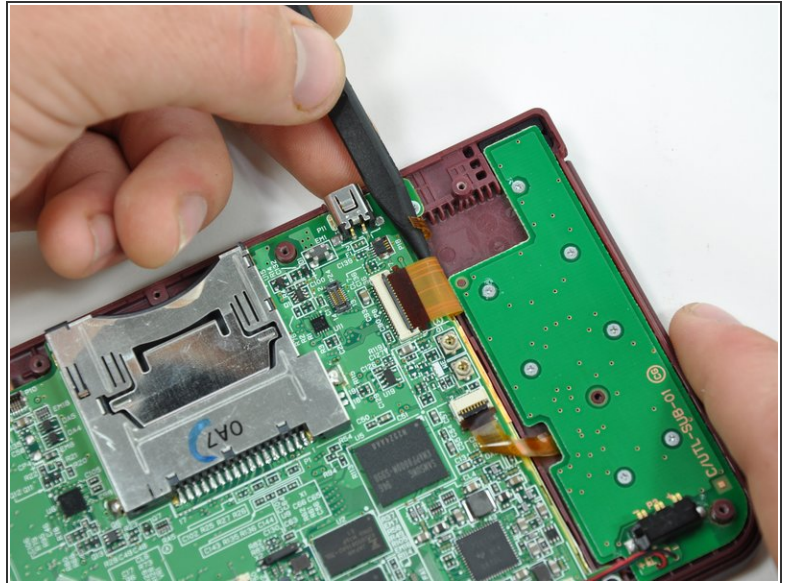
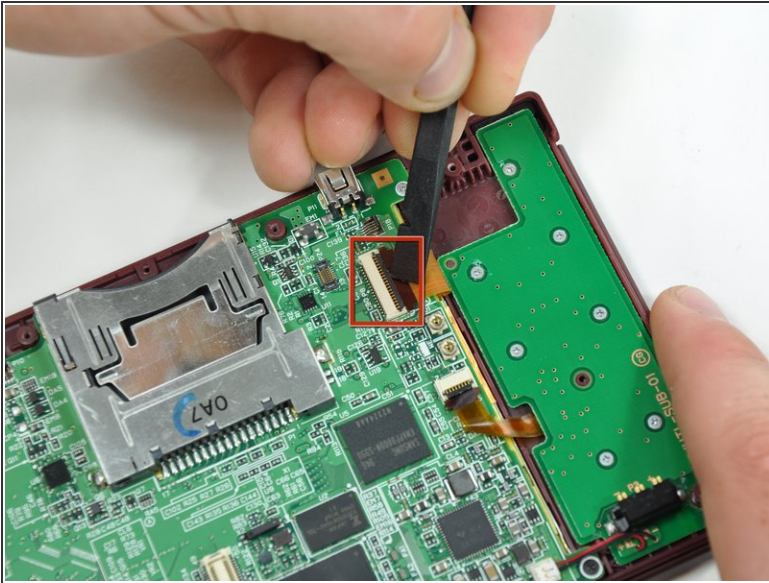
- Using the flat end of a spudger, flip up the retaining flap on the touchscreen cable ZIF connector.
- With the pointed end of the spudger, pull the touchscreen cable from its connector on the motherboard.

Step 11



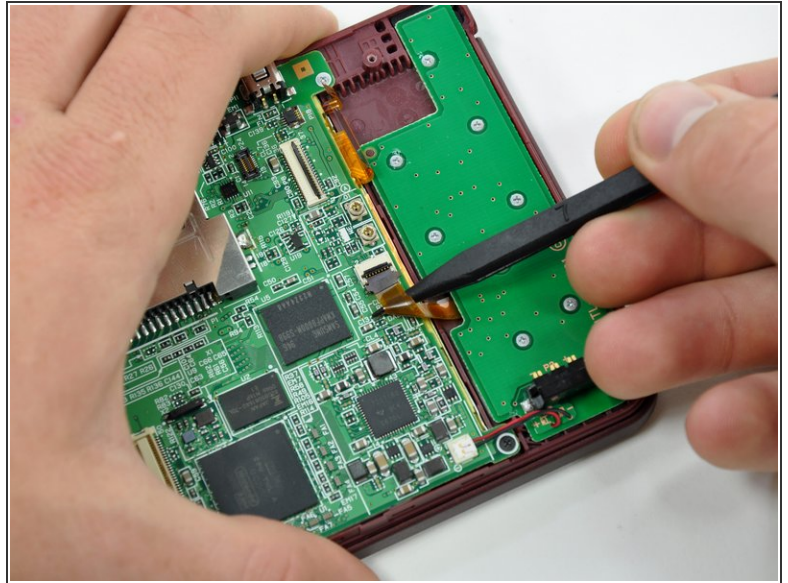
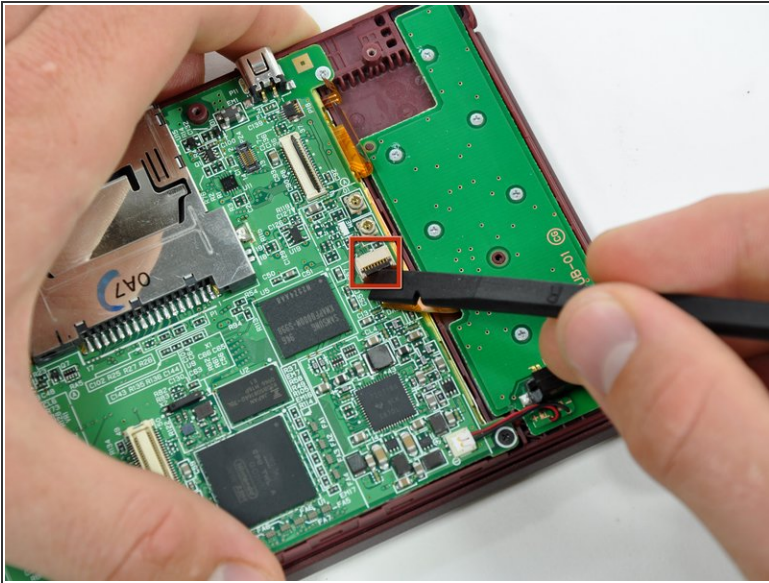
- Using the flat end of a spudger, flip up the retaining flap on the backlight cable ZIF connector.
- With the pointed end of the spudger, pull the backlight cable from its connector on the motherboard.

Step 12



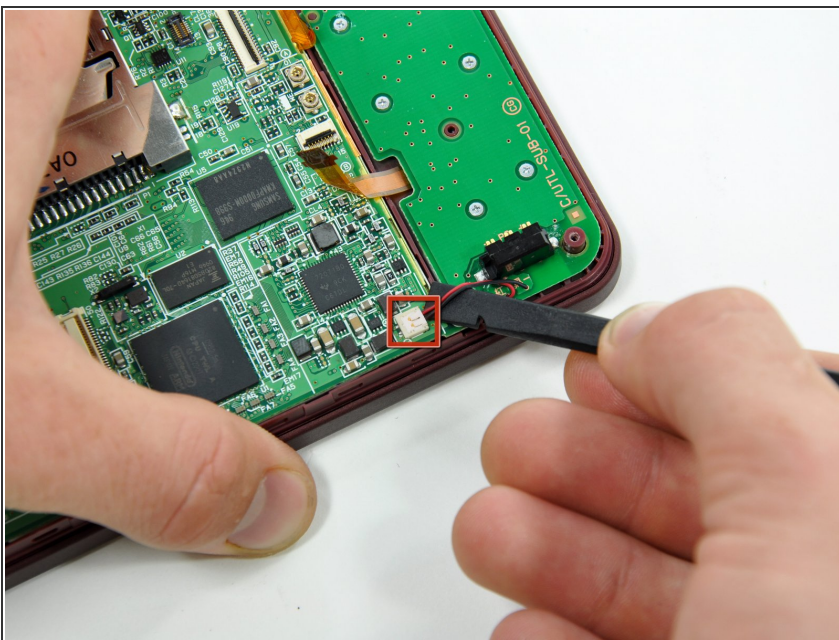
- Using the flat end of a spudger, flip up the retaining flap on the lower display data cable ZIF connector.
- With the pointed end of the spudger, pull the lower display data cable from its connector on the motherboard.

Step 13



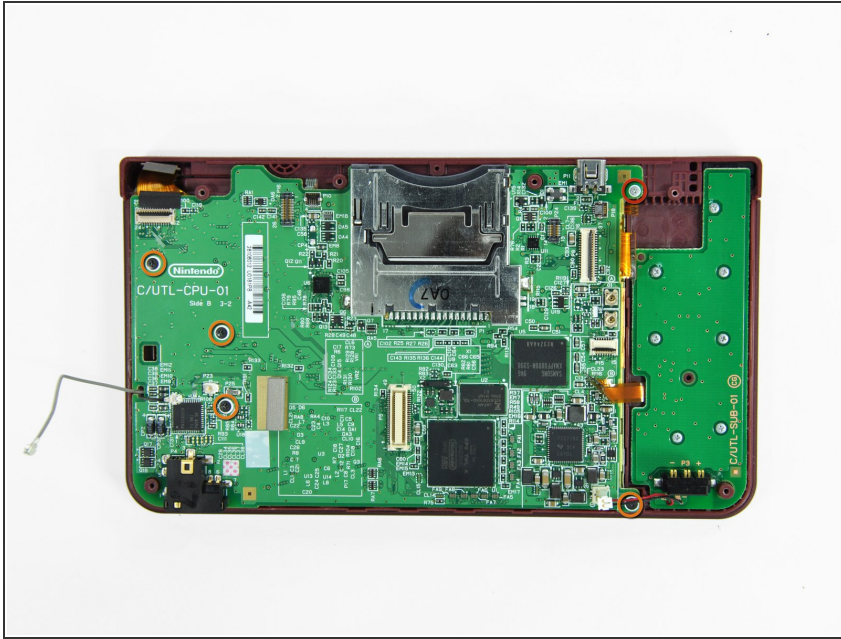
- Using the flat end of a spudger, flip up the retaining flap on the ZIF connector for the D-Pad/power button cable.
- With the pointed end of the spudger, pull the D-Pad/power button cable from its connector on the motherboard.

Step 14



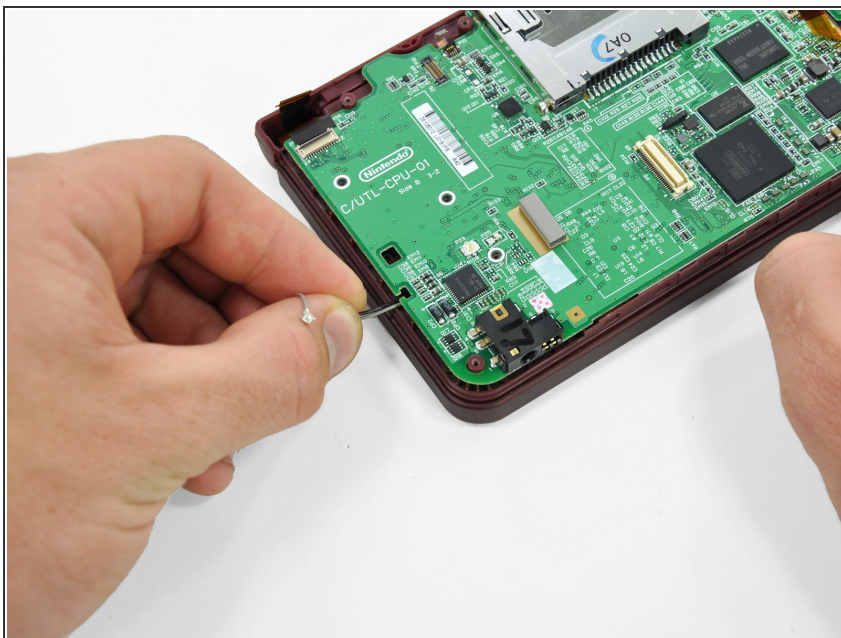
- Using the flat end of the spudger, pry the battery cable up off its socket on the motherboard.

Step 15



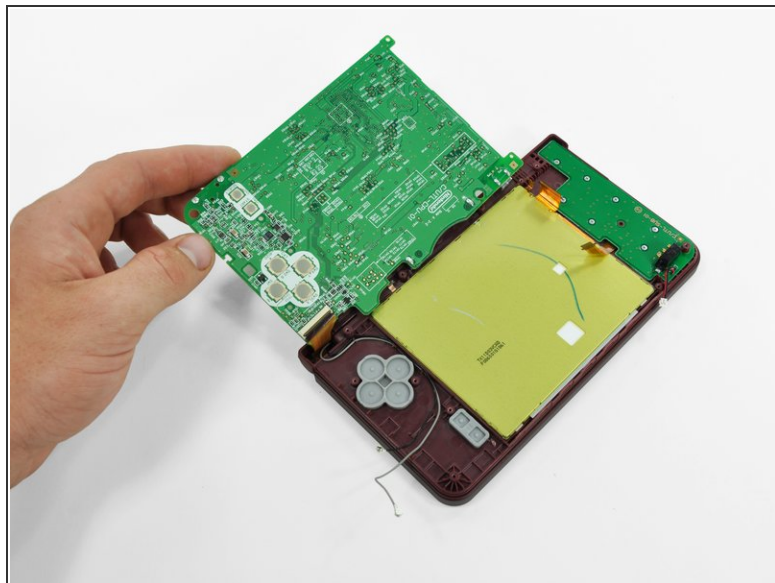
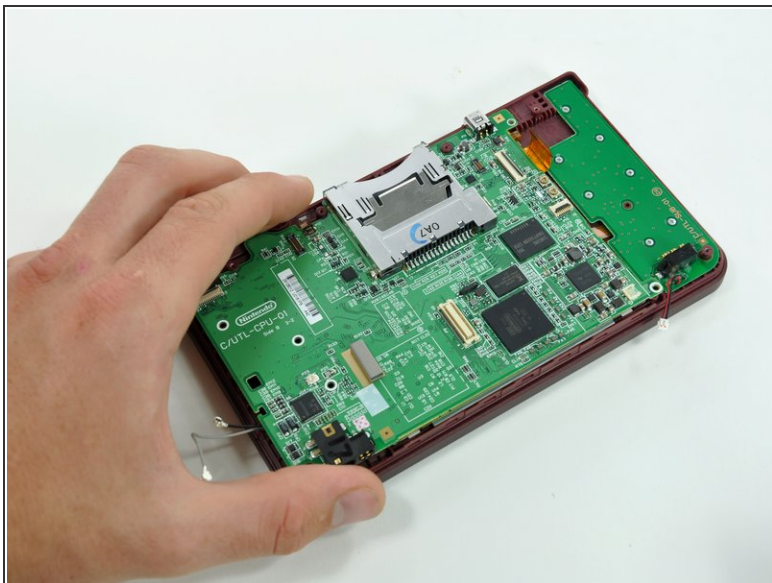
- Remove the screws securing the motherboard to the upper case:
 - A single 2.5 mm silver Phillips screw
 - Four 3.7 mm black Phillips screws

Step 16



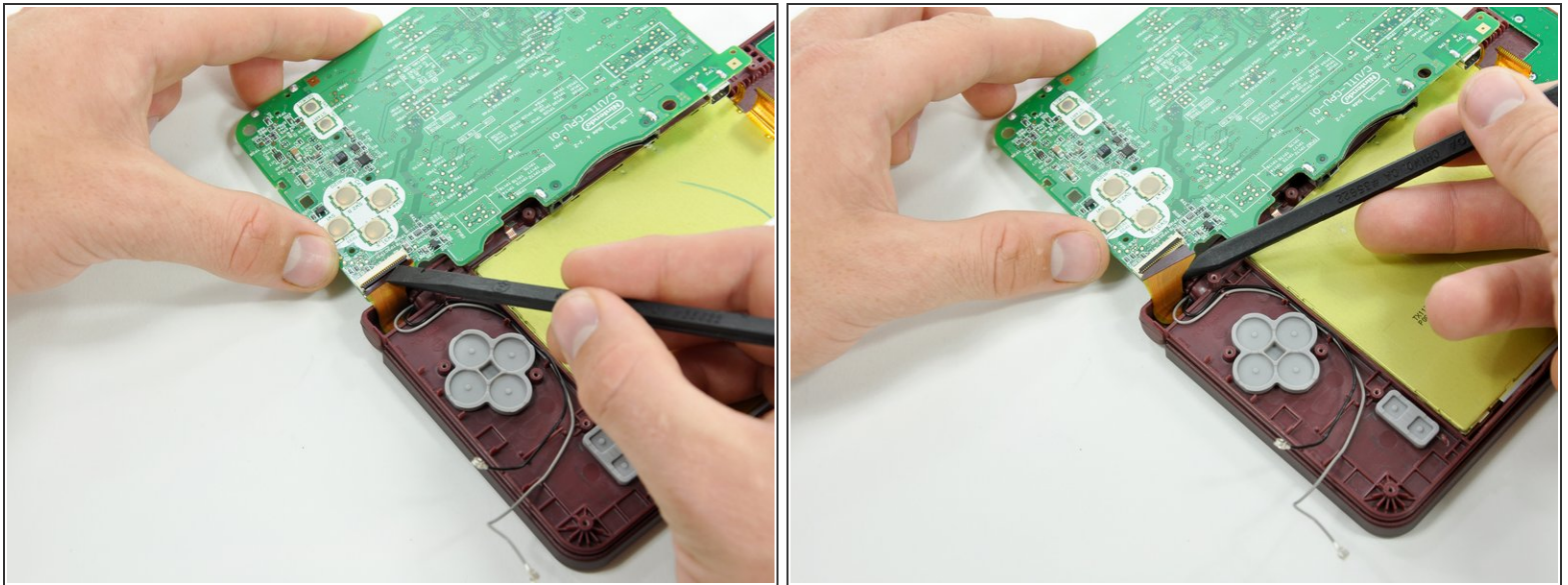
- Deroute the microphone and antenna cables through the slot in the motherboard.

Step 17



- Rotate the motherboard off the lower case.
- ⓘ The motherboard cannot be completely removed yet. It is still attached by the upper LCD's display data ribbon cable.

Step 18



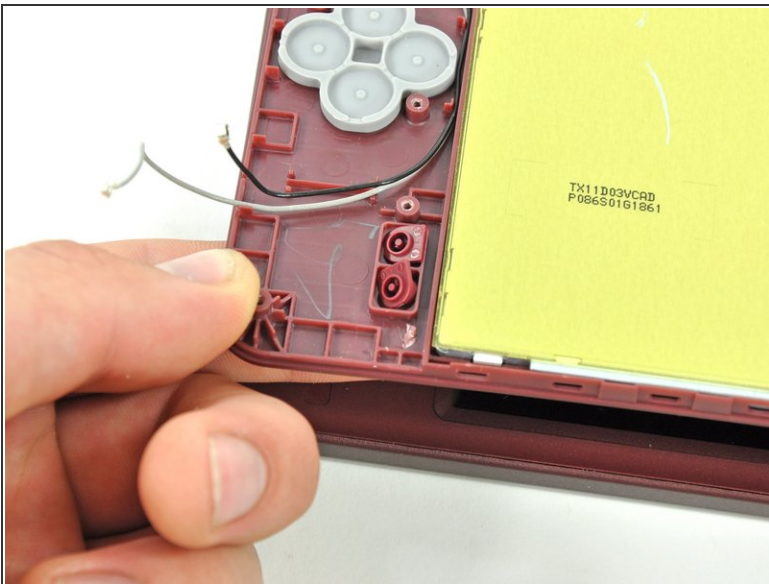
- Using the flat end of a spudger, flip up the retaining flap on the upper display data cable ZIF connector.
 - With the pointed end of the spudger, pull the upper display data cable from its connector on the underside of the motherboard.
- i** The motherboard is now free from the upper case.

Step 19 — Start/Select Buttons



- Lift the rubber pad off the back of the start/select buttons.

Step 20



- Open the display slightly and push the start and select buttons up through the upper case.
- Remove the start/select buttons from the DSi XL.

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