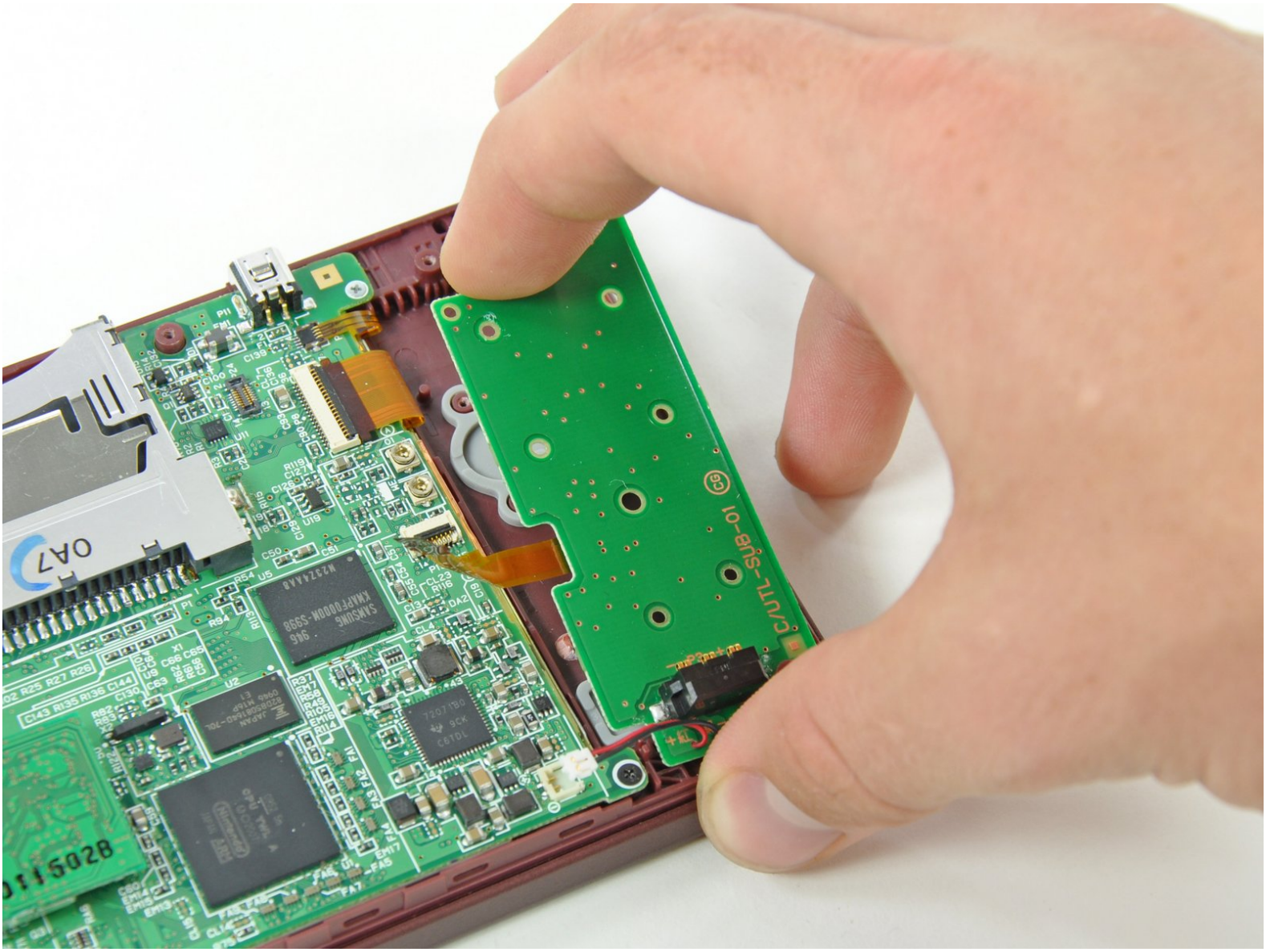
Nintendo DSi XL Power Board Replacement

Written By: Dozuki System



INTRODUCTION

Get the power flowing through your DSi XL by replacing the power board.

TOOLS:

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

PARTS:

- Nintendo DSi XL Power Board (1)
- Nintendo DSi XL Power Board Data Cable (1)

© 2020

Step 1 — Nintendo DSi XL Power Board Replacement





- 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.

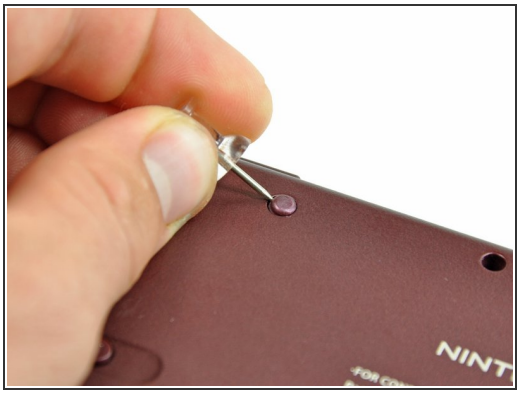
Step 2



- Lift the battery from the DSi XL.

Step 3







- 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





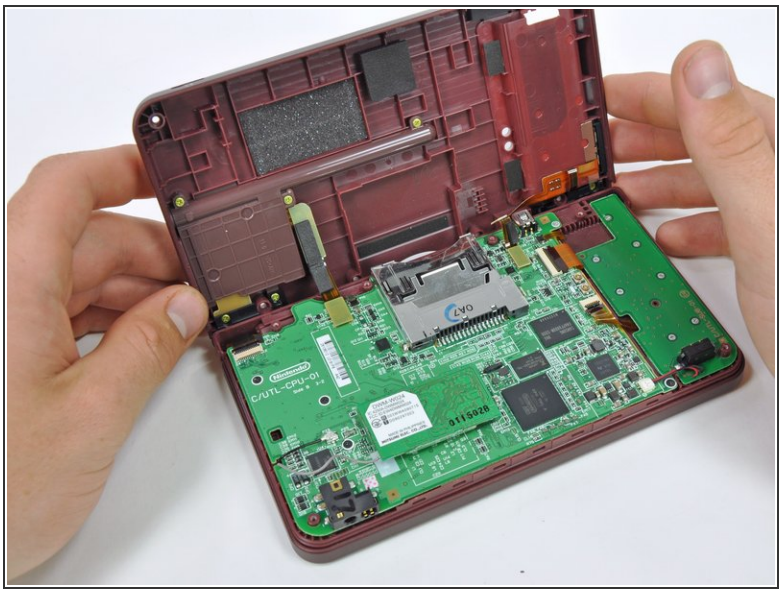
Turn the DSi XL over, and open the display.

- 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.

© 2020

Step 6





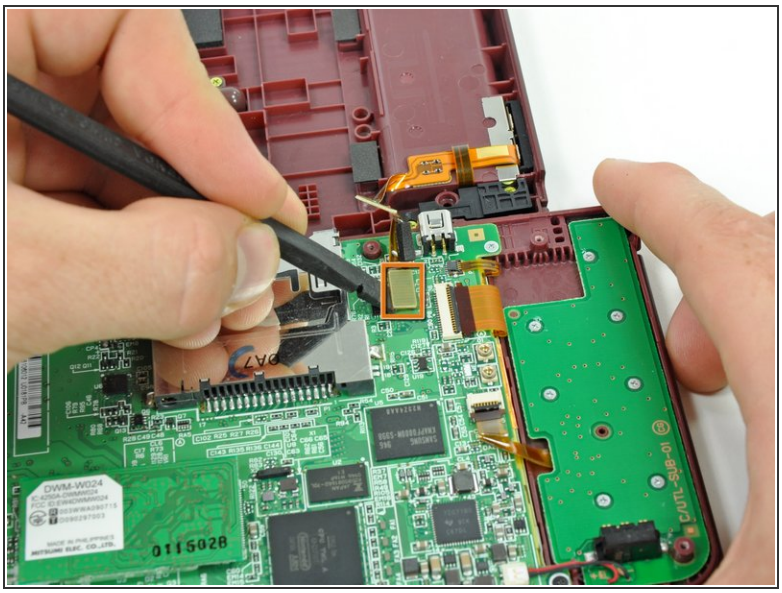
Close the display and turn the DSi XL over.

- Lift the lower case from the front edge.
- Rotate the lower case away from the DSi.

The lower case cannot be completely removed yet, since it is still connected to the motherboard.

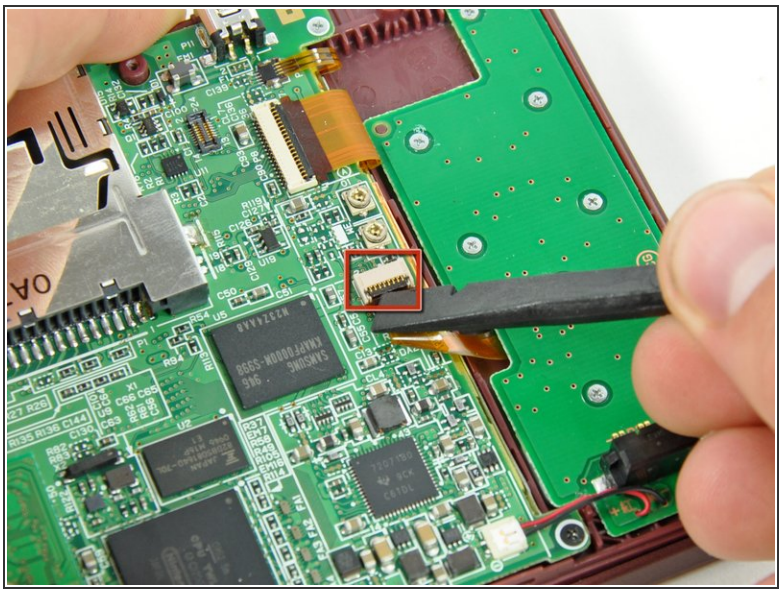
Step 7

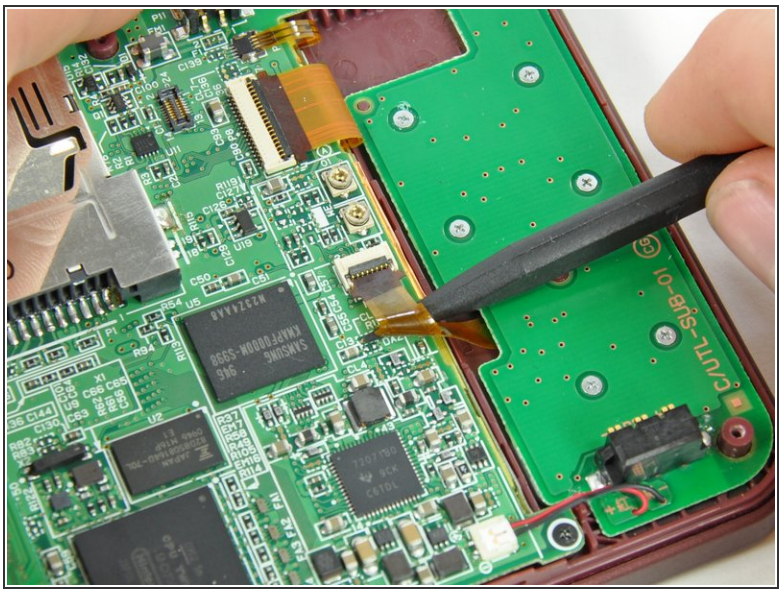




- Using a spudger, pry the SD card/right shoulder button connector off its socket.
- Pry the volume button/left shoulder button connector off its socket on the motherboard with a spudger.

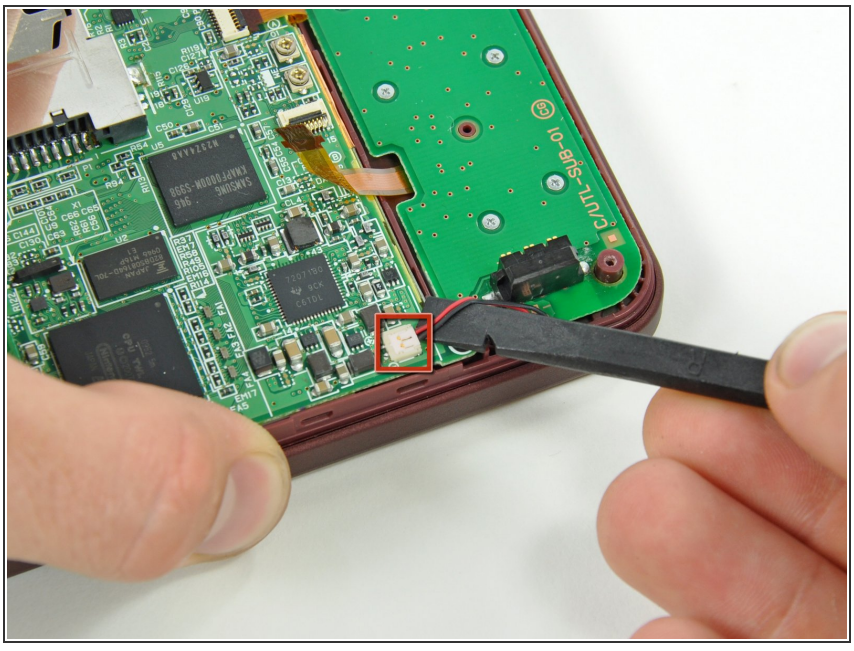
Step 8





- 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.

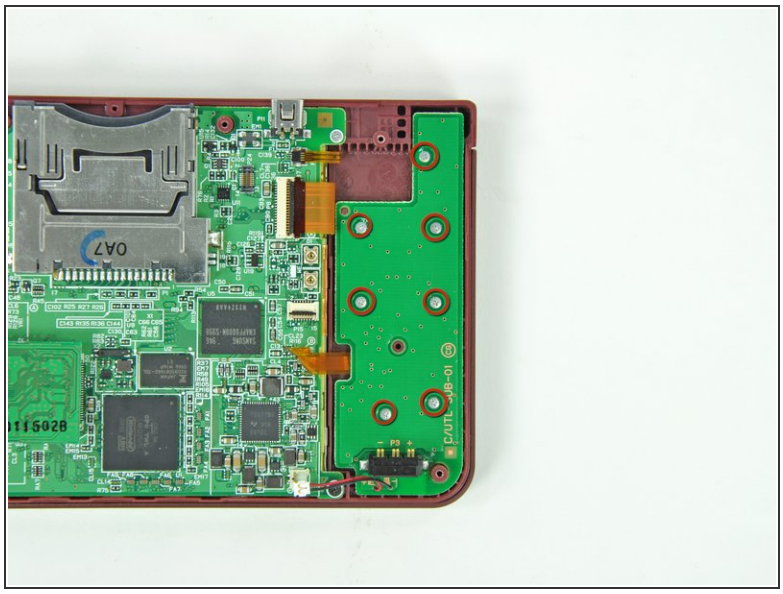
Step 9

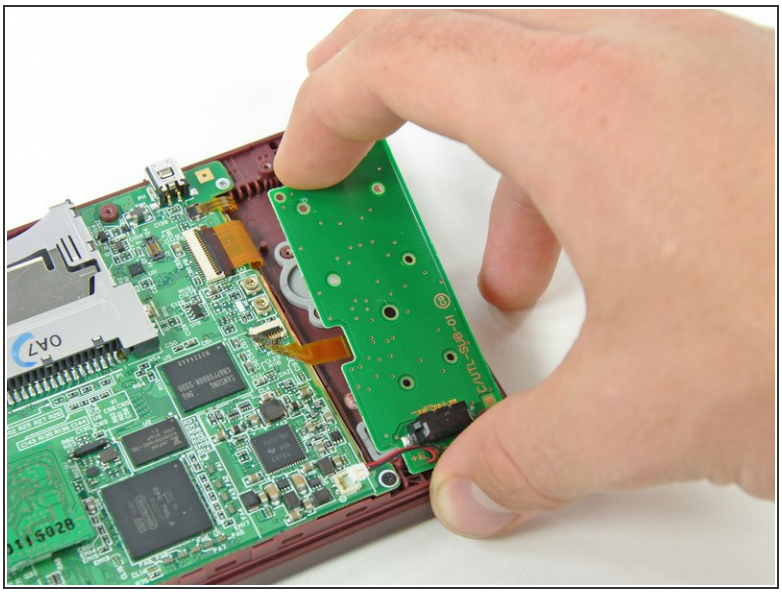


- Using the flat end of the spudger, carefully pry the battery cable out of its socket on the motherboard.

⚠ Use caution, as the wires are very fragile and could come out of the connector if pulled on too hard.

Step 10





- Remove the seven 2.5 mm silver screws securing the power board to the upper case.
- Lift the power board off the upper case.

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