



Sharp Aquos LC13B2UA LCD Replacement

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 **TOOLS:**

- Phillips #2 Screwdriver (1)

Step 1 — Stand



- Place the TV face down on a flat smooth surface as to not scratch the screen.
- Using a Phillips #2 screwdriver remove the four 8mm screws attaching the stand to the TV.

Step 2



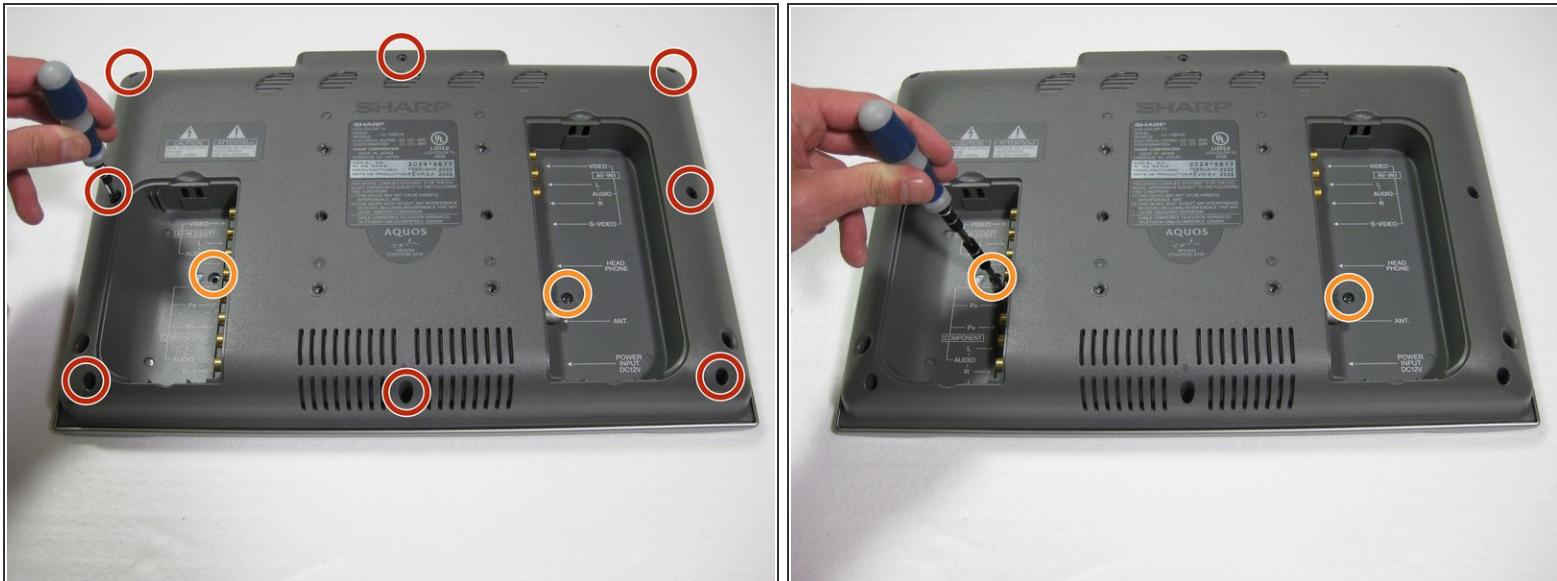
- Lift the stand off the television.

Step 3 — Back Case



- Remove the two back panels by prying them out with your hands.

Step 4



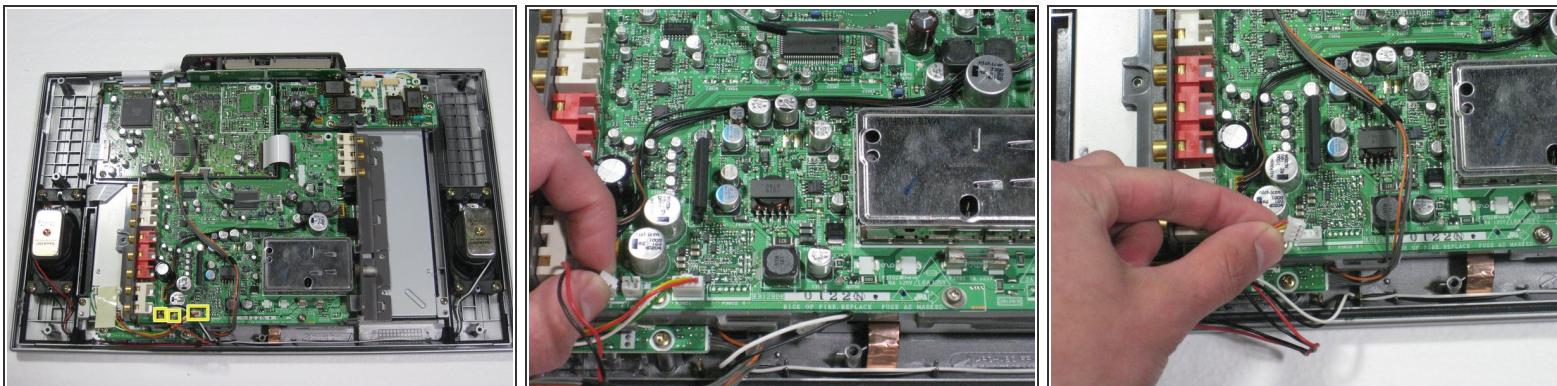
- Using a Phillips #2 screwdriver, remove the eight 6mm Phillips screws located around the edge.
- Using a Phillips #2 screwdriver, remove the two 6mm Phillips screws located near the inputs.

Step 5



- Using your hands, gently lift and remove the back case of the television.

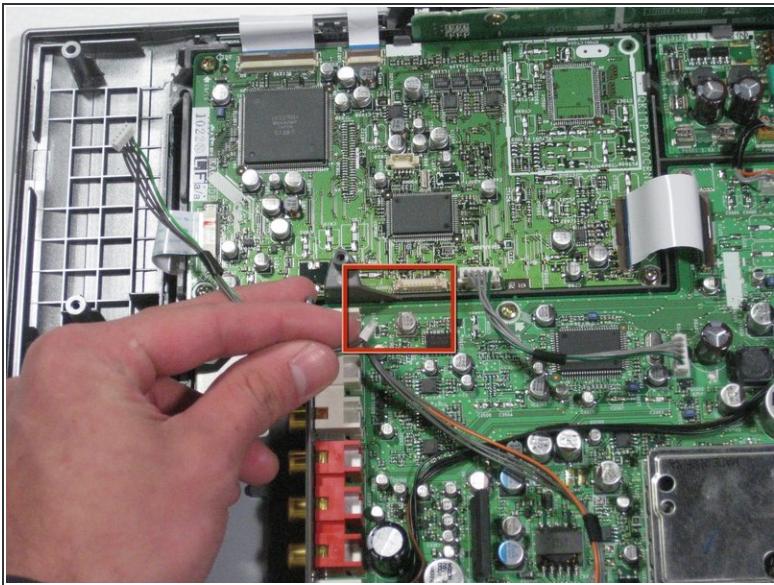
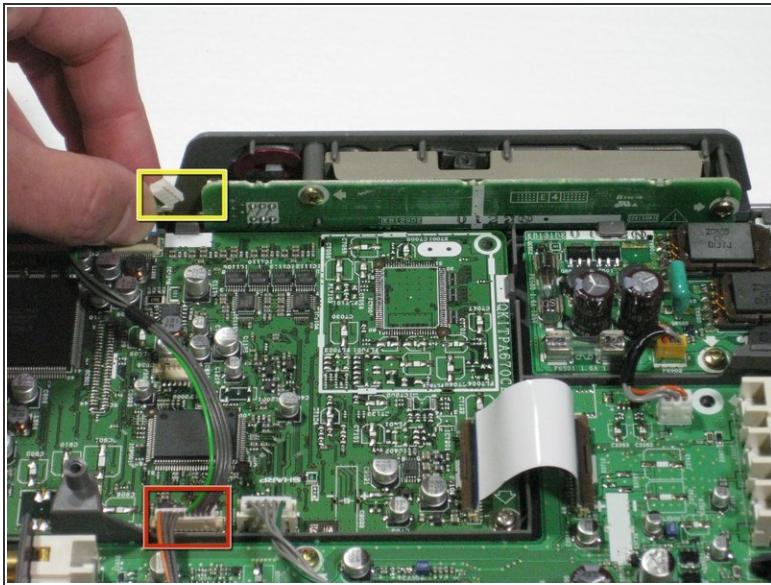
Step 6 — Motherboard



- Remove the two speaker cables and the connector from the circuit board by pinching the plastic connectors and firmly pulling up.

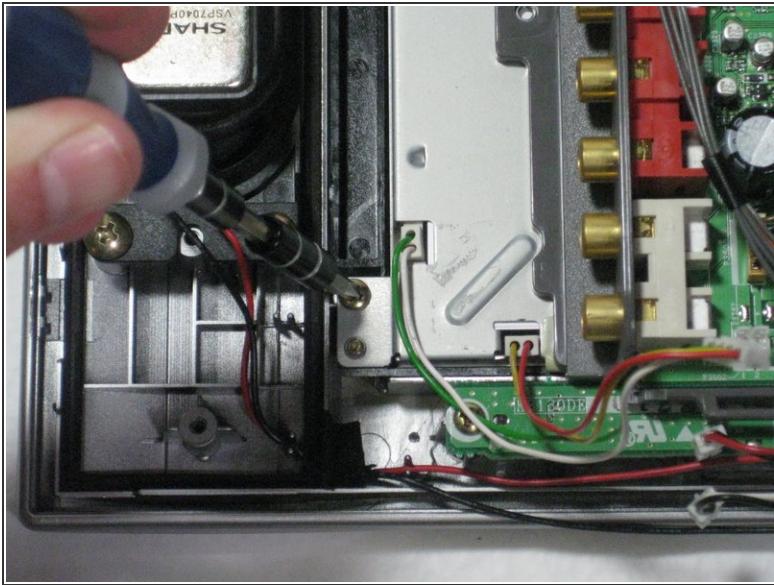
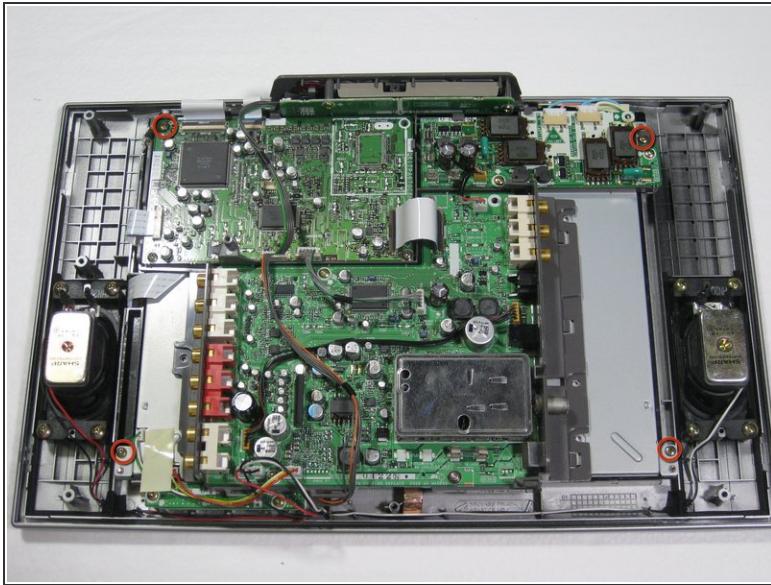
⚠ Pull on the plastic part of the connector, even though it may seem easiest to pull on the wires.

Step 7



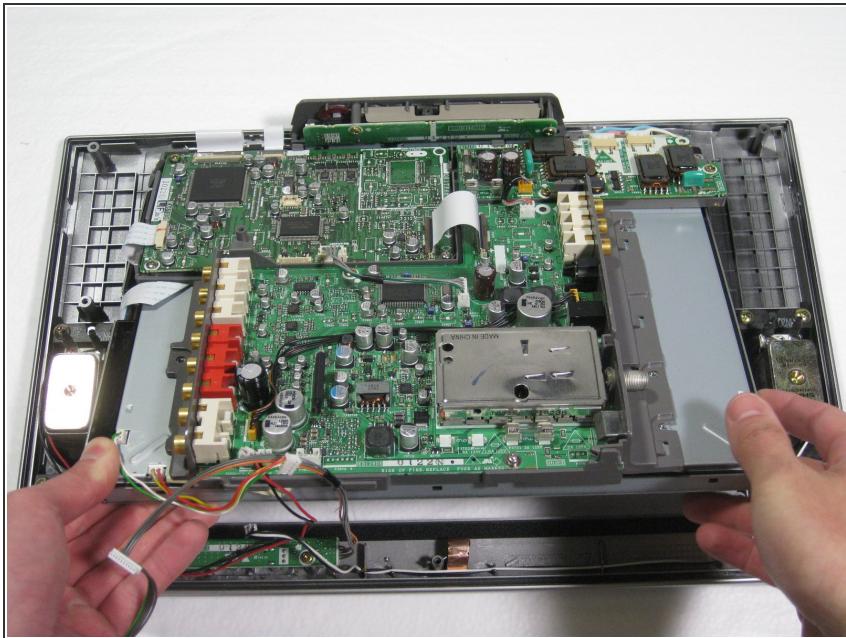
- Remove the green and gray power connector from the side of the buttons panel at the top of the television.
- Remove the green/gray to orange/gray connector from the center of the circuit board.

Step 8



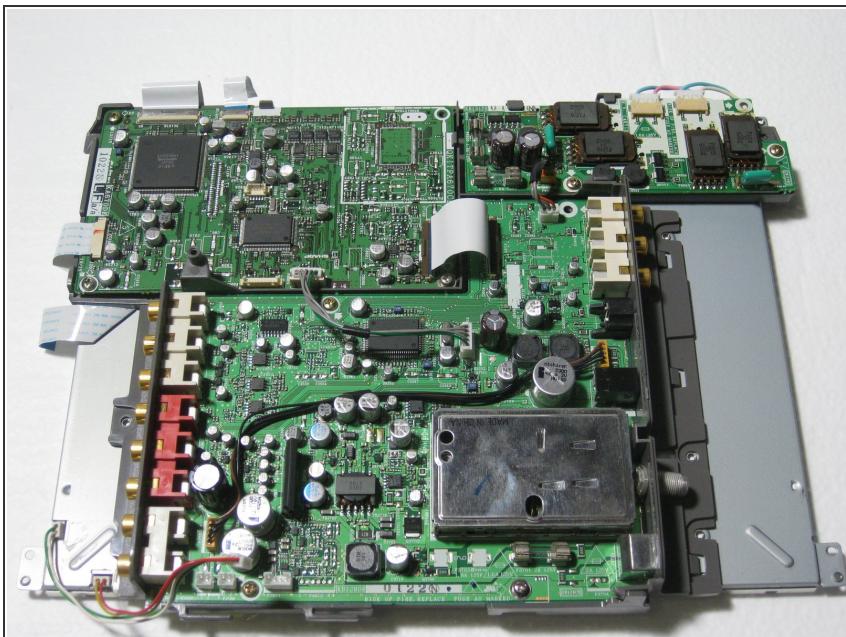
- Remove the four 5mm phillips screws attaching the LCD and circuit board to the front case.

Step 9



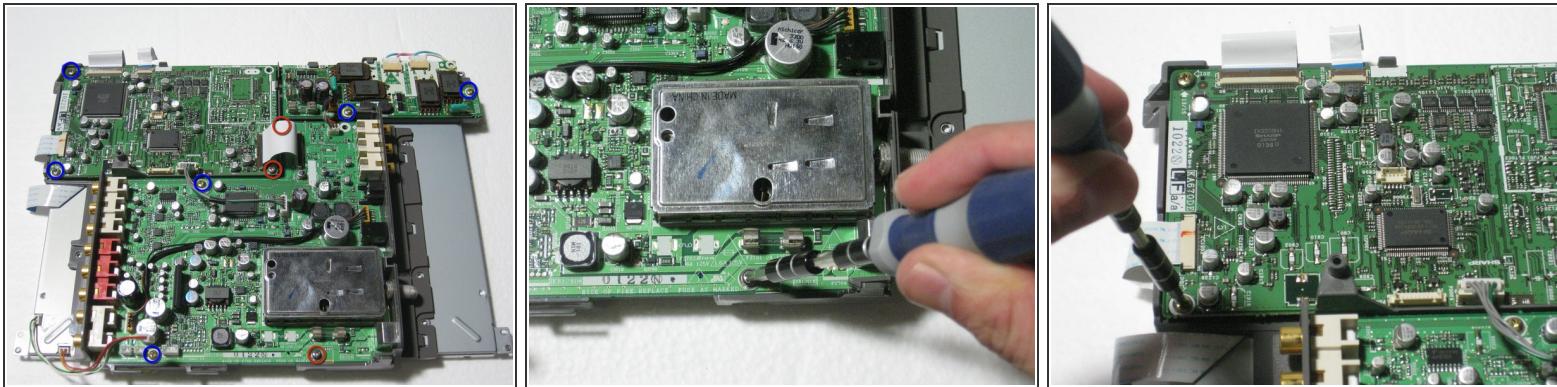
- Lift the circuit board/LCD block from the case by lifting the near side of the circuit board and sliding it under the button frame.

Step 10 — LCD



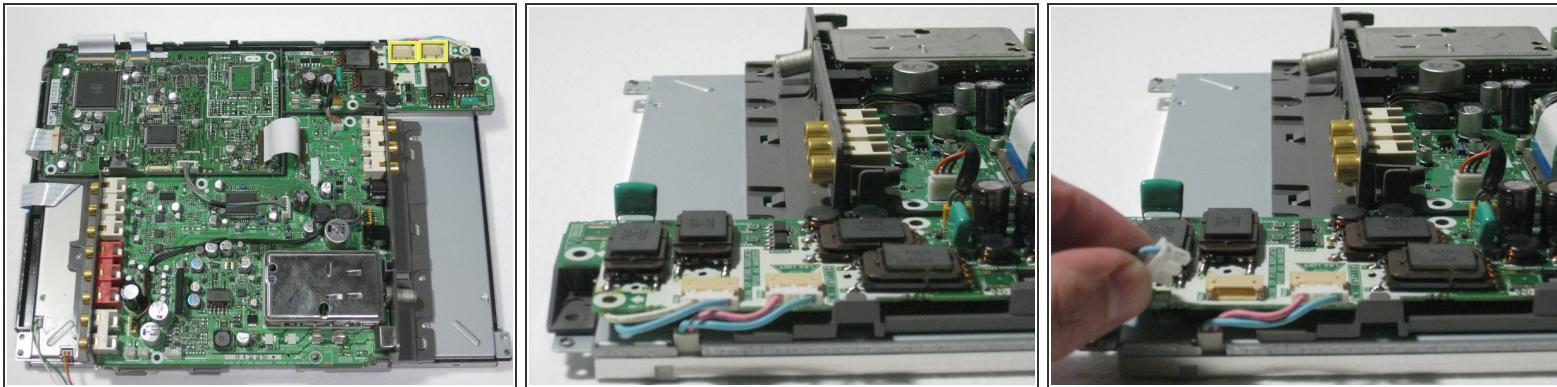
- Flip the LCD/circuit board so that the circuit board faces up.

Step 11



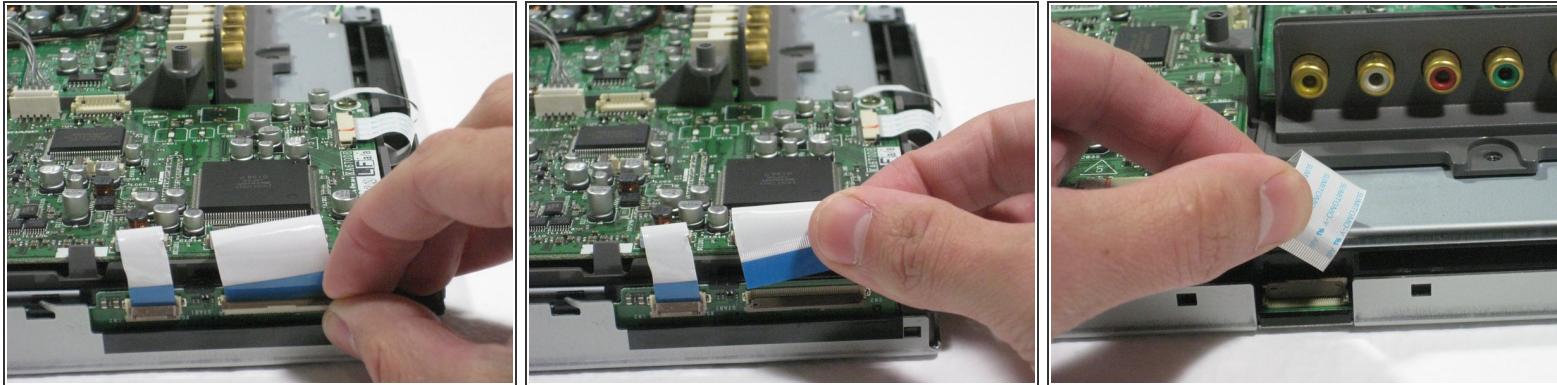
- Remove the three 5mm Philips screws attaching the circuit board to the LCD.
- Remove the five 6mm Phillips screws from the edges of the circuit board attacking it to the LCD.

Step 12



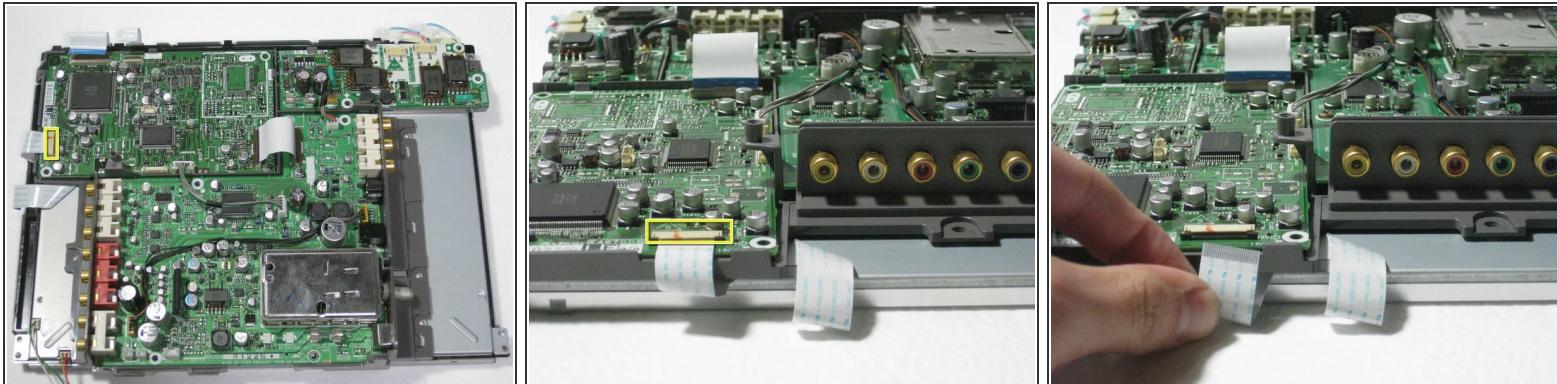
- Turn the circuit board so the blue and pink side cables are facing you.
- *i* Hold the white plastic, squeeze and pull from the sides.
- ⚠ Pull on the plastic part of the connector, even though it may seem easiest to pull on the wires.

Step 13



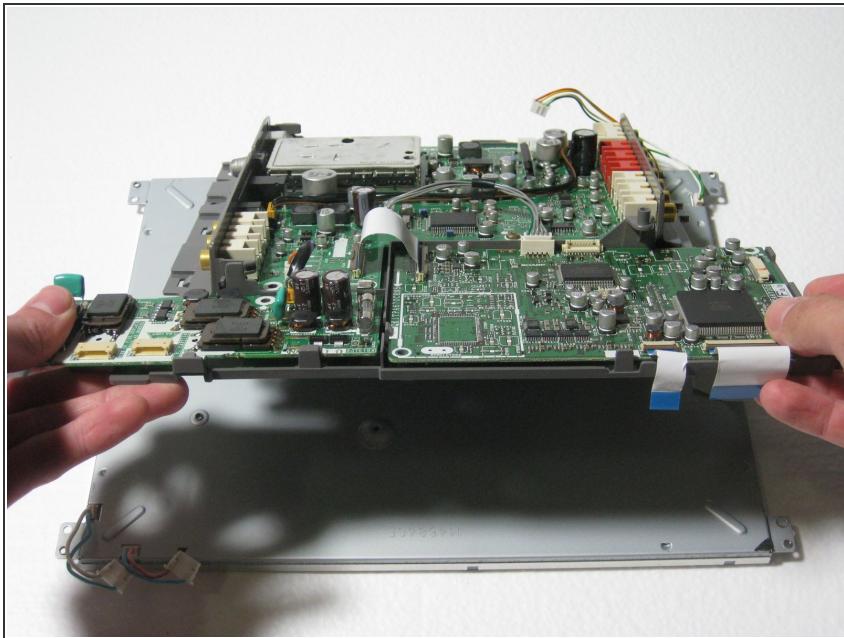
- Turn the television so the right hand side is facing you.
- To remove the ribbon cables, fold the brown casing down and pull directly upward on the ribbon.
- Turn the television so the left hand side is facing you, and remove the ribbon cable in the same manner.

Step 14



- Turn the circuit board so that the left side is facing you.
- Detach the data cable from the circuit board.
- To do this, slide your finger nail from the middle of the connector until the little black tabs rotates down toward the board as shown in the second picture.

Step 15



- Lift and remove the circuit board from the LCD frame.

Step 16



- Now you have your LCD.

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