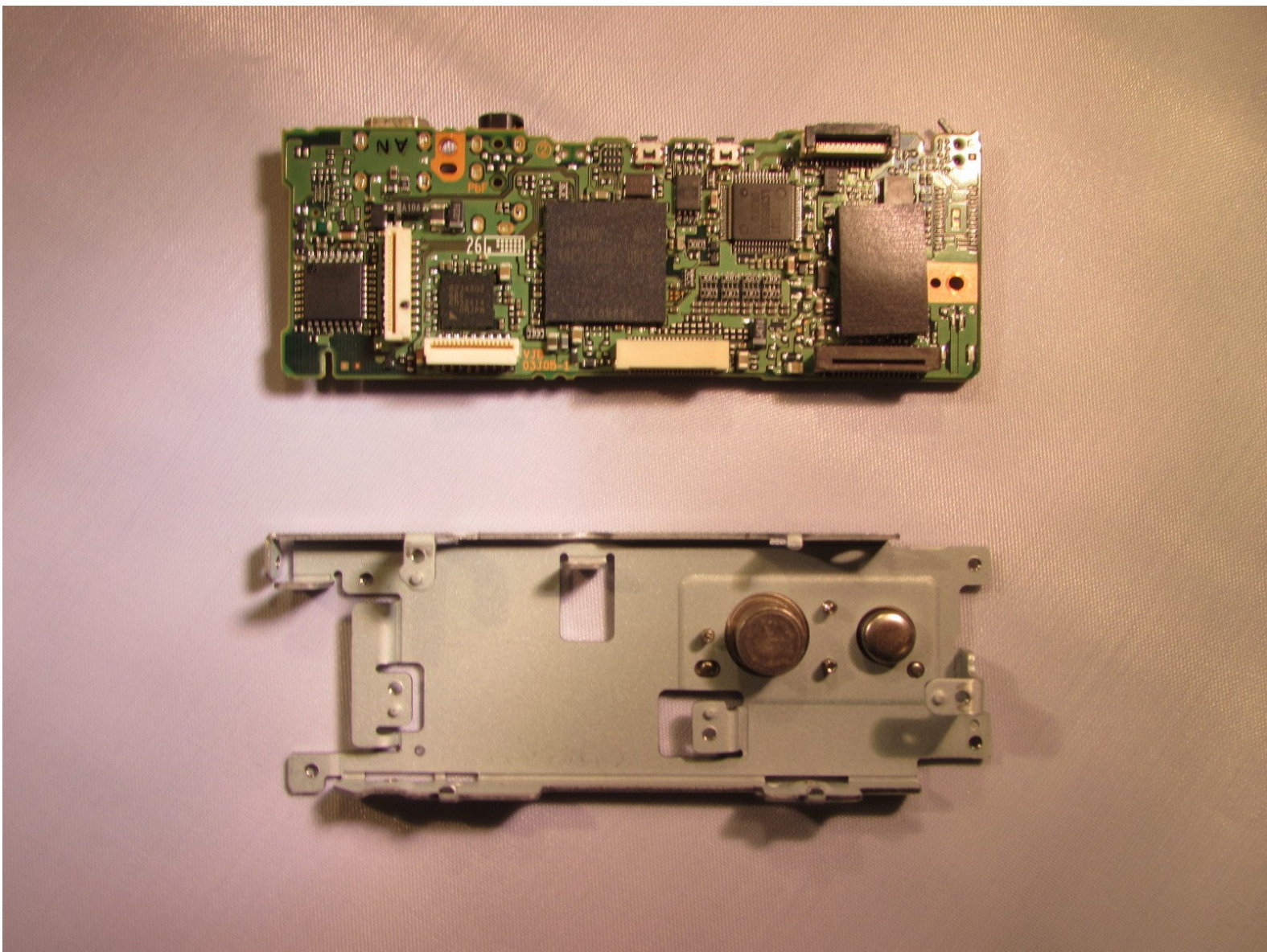




Panasonic SDR H-100 Motherboard Replacement

Written By: Caleb Osborne





TOOLS:

- [iFixit Opening Tool](#) (1)
- [Screwdriver](#) (1)
- [Tweezers](#) (1)

Step 1 — Remove Bottom Screws



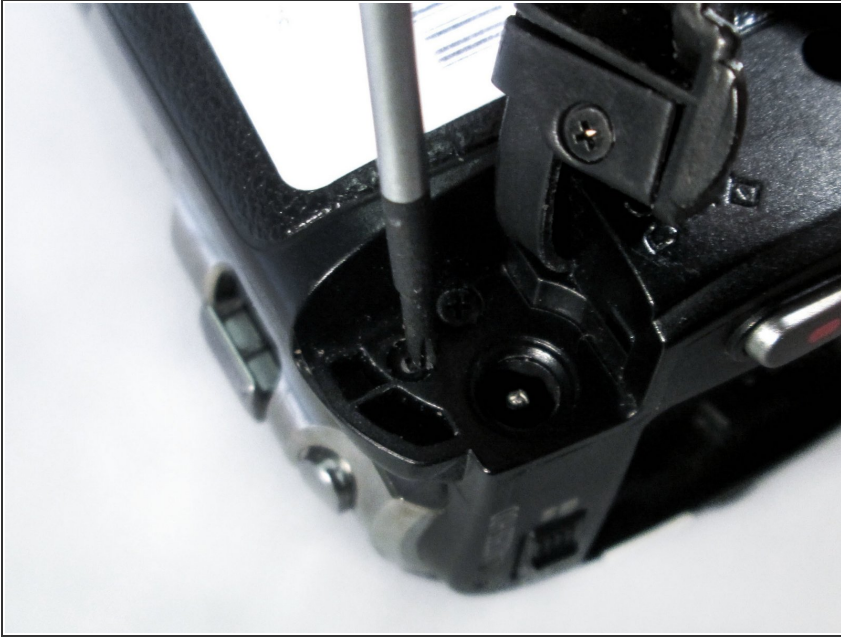
- Remove the four 4-mm screws on the bottom of the camcorder.
- ⓘ The screws are two different colors: three blacks and one silver.

Step 2 — Remove Side Screws



- Remove the three 6-mm screws on the hand-strap side of the camera.

Step 3 — Remove DC Input Terminal Screws



- Pull out the charging port (DC input terminal) cover and remove the 4-mm screw located next to the input terminal.

Step 4 — Remove LCD Monitor Screws



- Flip out the LCD screen to expose the inner screws. Remove the two black 4-mm screws.
 - ❗ One screw is located by the hinge of the LCD screen. The second is close to the upper-right corner of the camcorder body.

Step 5 — Detach Casing from Body

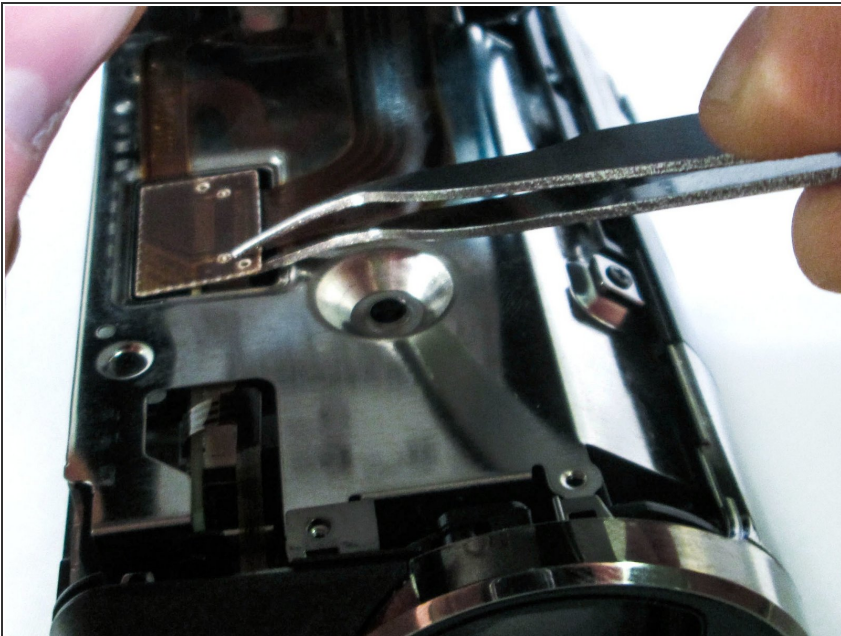


- Using a firm hold on both sides of the camcorder, gently pull apart the casing under the hand strap.

ⓘ Pressure should be evenly distributed across entire device.

⚠ Detach gently so the ribbon cable is not damaged!

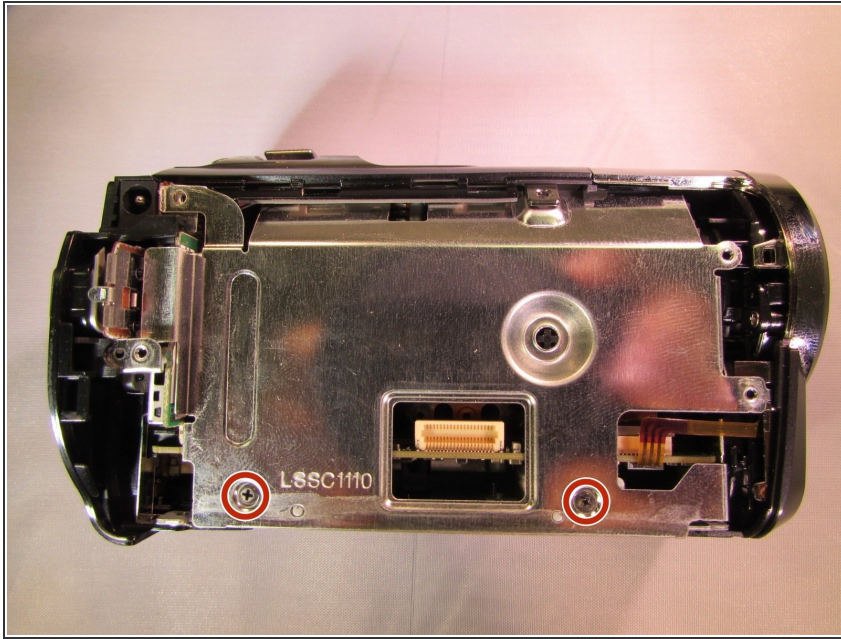
Step 6 — Detach Ribbon Cable from Body



- Use tweezers to grab the ribbon cable at the connection point and slowly lift it away from the connector.

ⓘ This linkage point connects the HDD directly to the motherboard.

Step 7 — Rear Cover



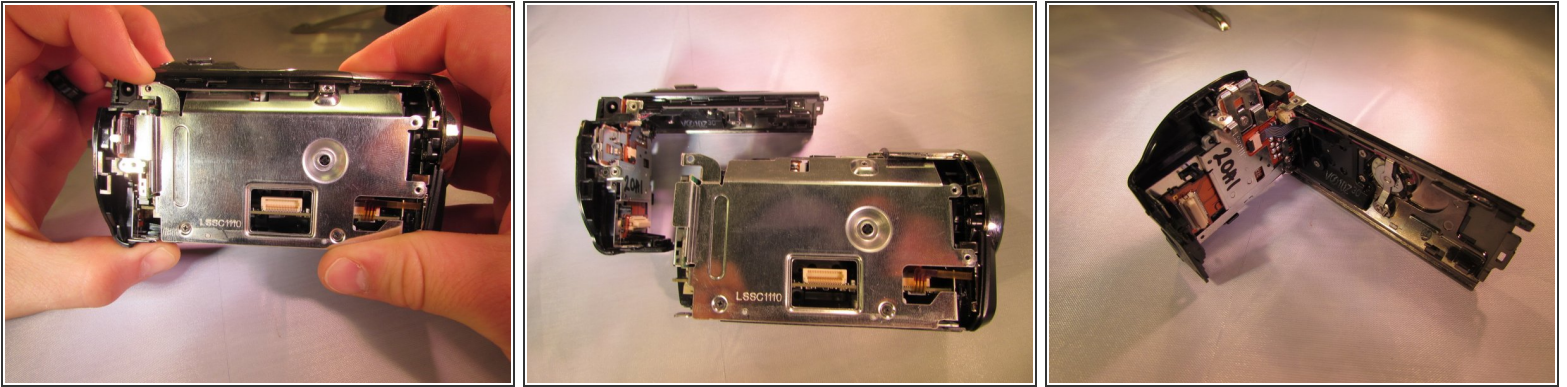
- Unscrew the two black 4 mm screws from metal casing around the motherboard.

Step 8



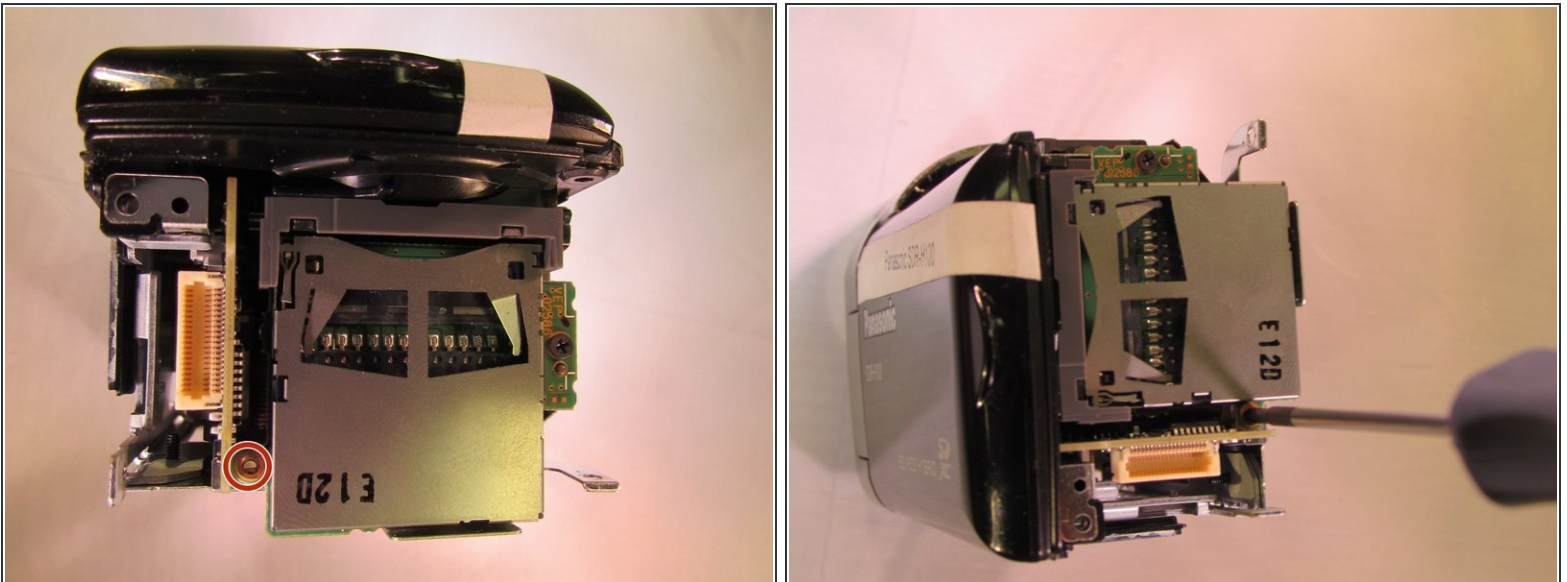
- Remove the black 4 mm screw from the back of the camcorder underneath where the battery would have been.

Step 9



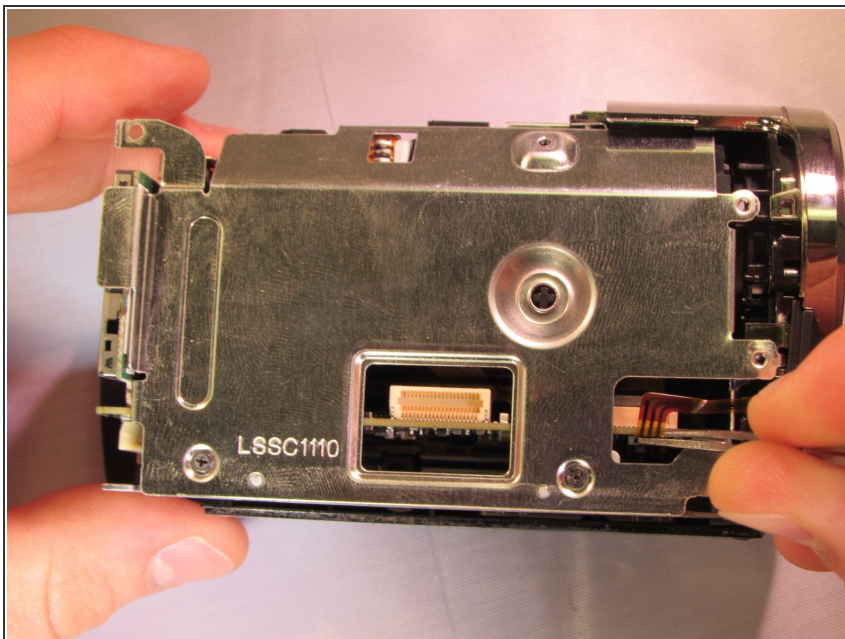
- Pull the plastic cover on the back out and up slightly until the back feels like it's free, then pull back on the plastic (The top cover piece and back will be detached).

Step 10 — Front Cover and Midframe



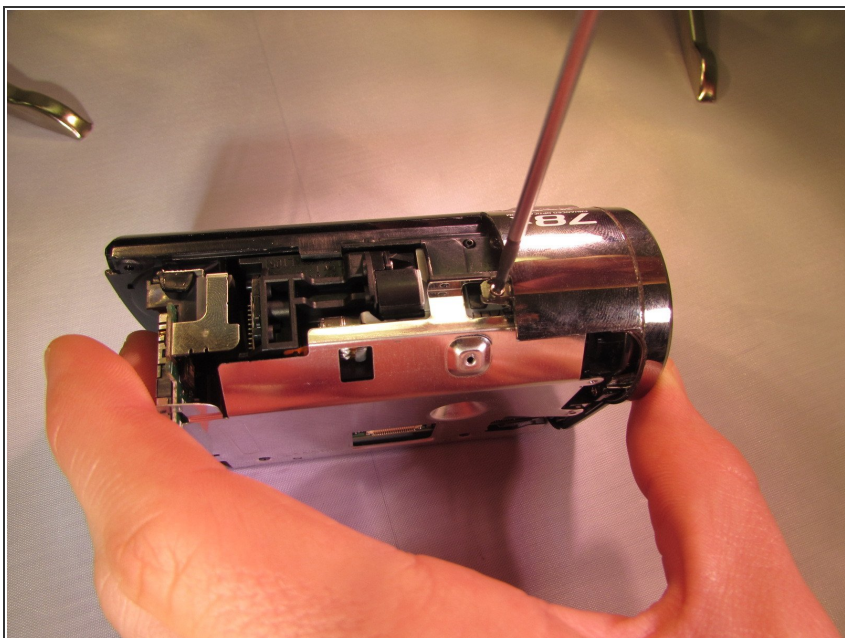
- Remove the black 4 mm screw located on the back of the camcorder under the SD card slot.

Step 11



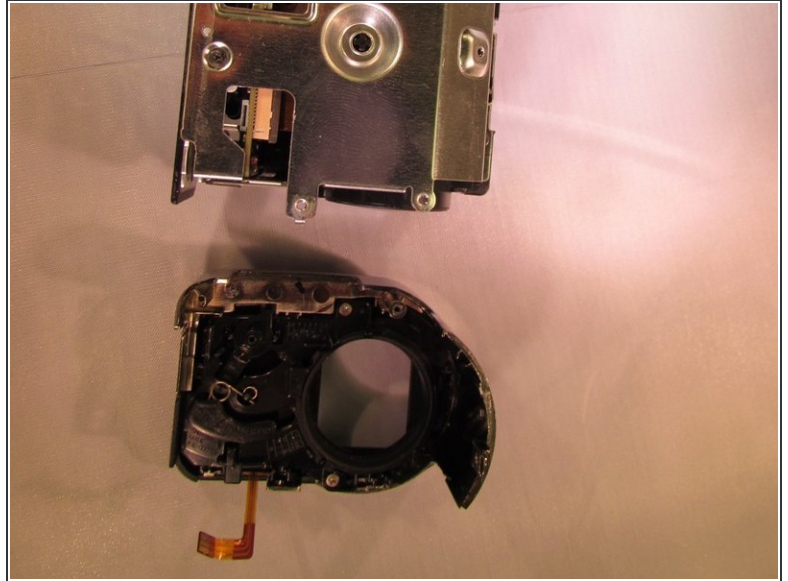
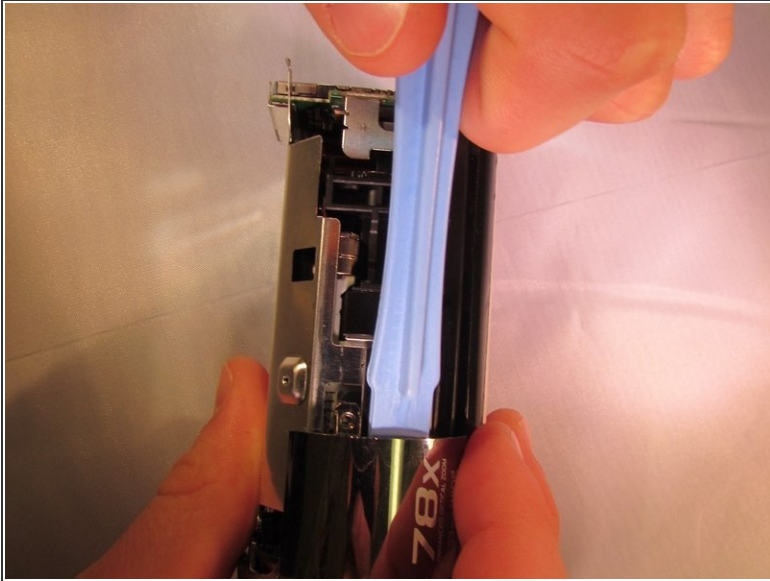
- There is a small copper ribbon on the right side of the device. Pull gently with the tweezers upward from the right side to get the copper ribbon free.

Step 12



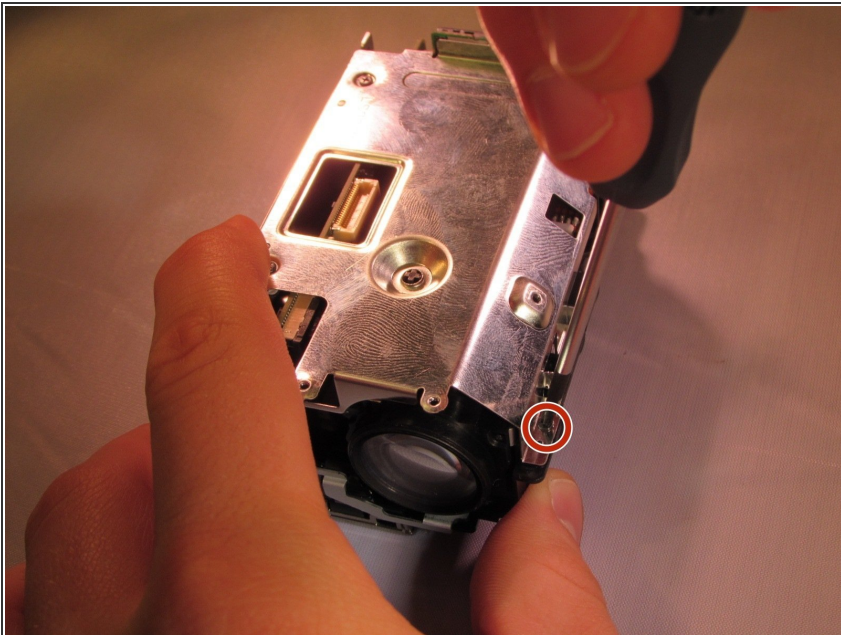
- Unscrew the silver 4 mm screw from on top of the camcorder.

Step 13



- Pry upwards on the front cover from the top of the device and with your other hand pull straight out on the front of the device (The front cover will be detached and free).

Step 14



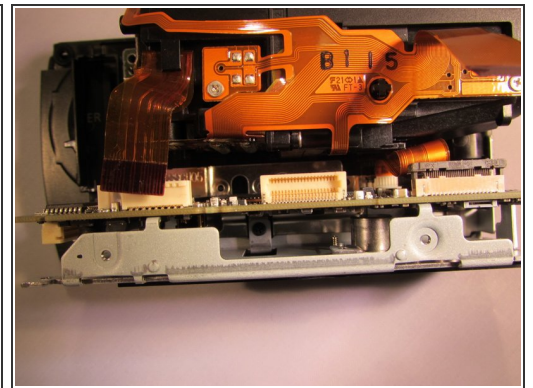
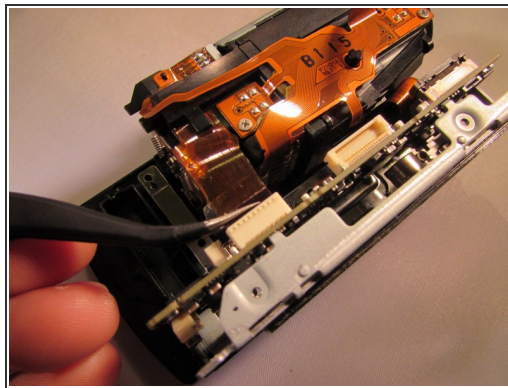
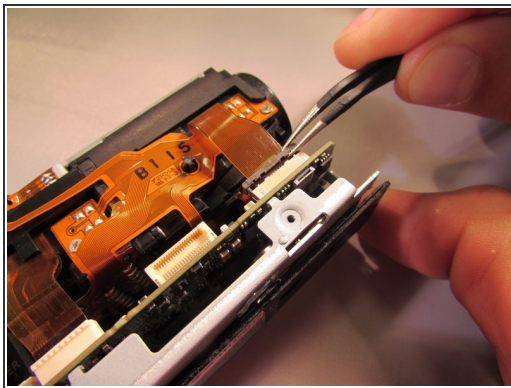
- Remove the 6 mm screw on the top of the metal casing which was under the front cover.

Step 15



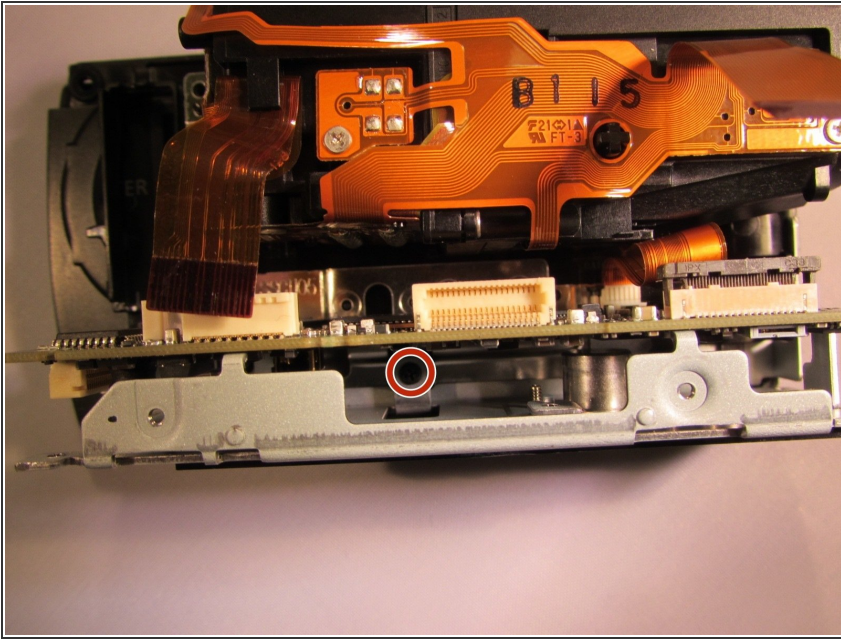
- Pull the metal casing straight off (The metal casing will be detached from the rest of the device).

Step 16 — Motherboard



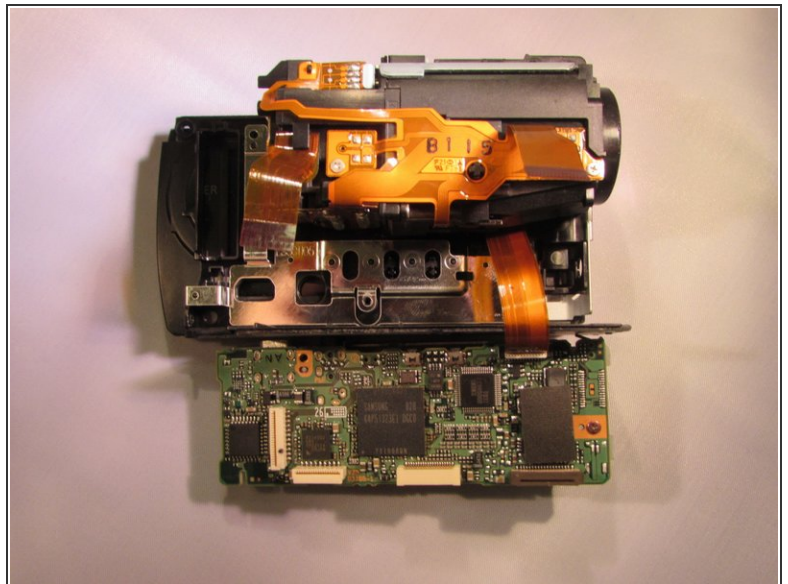
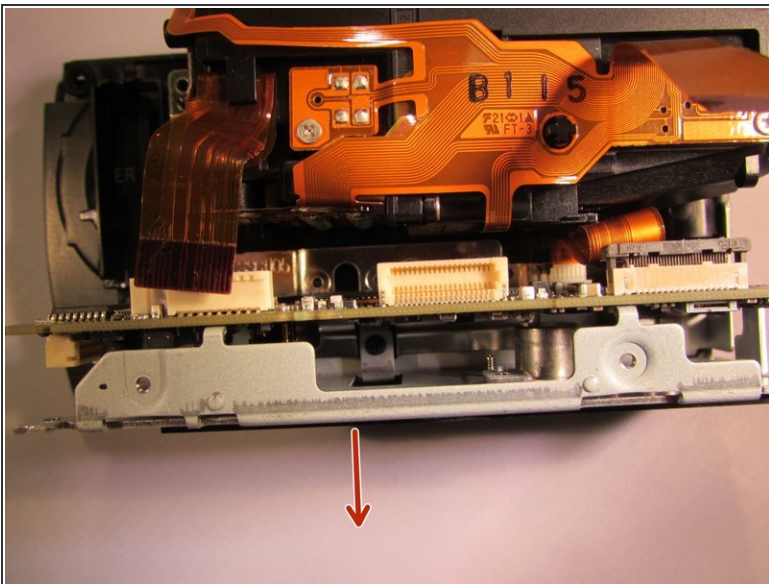
- Unlock the forward most copper ribbon cable using the spudger, then detach the two ribbon cables, either by using your hand or the tweezers.

Step 17



- Remove the black 4 mm screw underneath the motherboard.

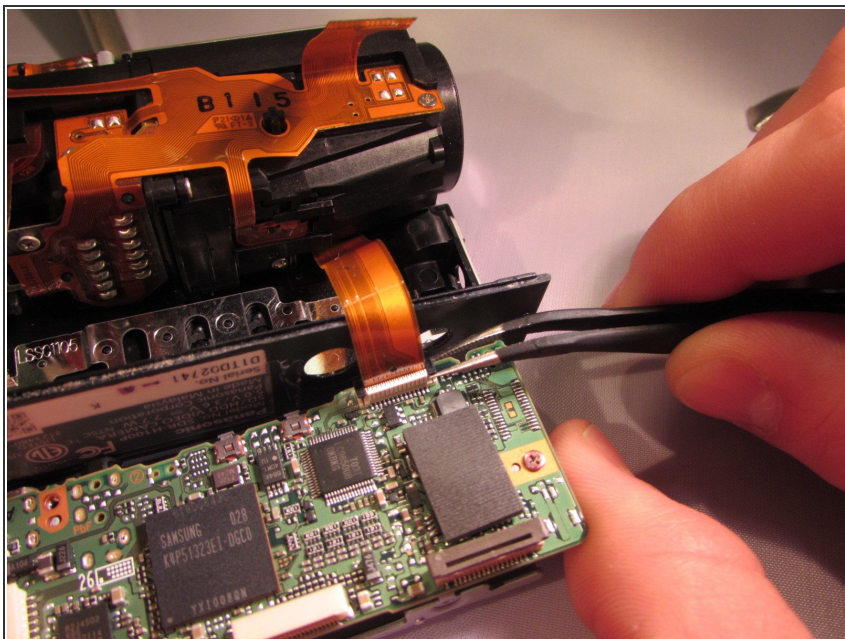
Step 18



- Pull the plastic casing under the motherboard down slightly as you slide the motherboard and metal under the motherboard out slowly.

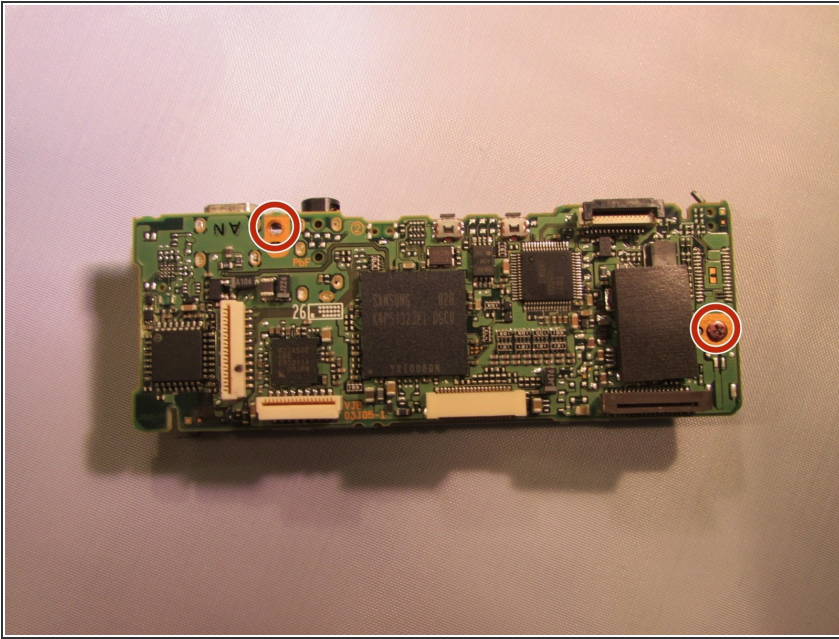
i The copper ribbon cable is still attached.

Step 19



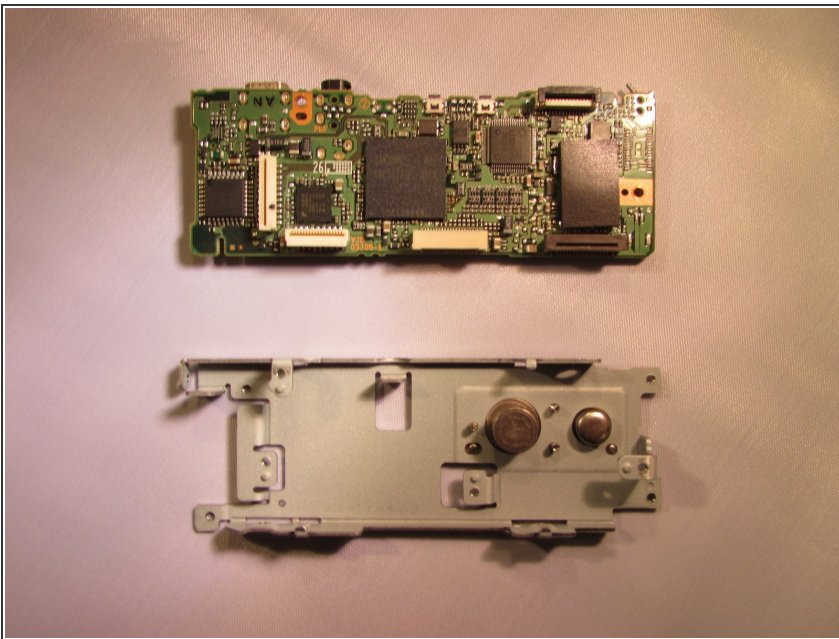
- Unlock the copper ribbon cable using the spudger then gently detach the third copper ribbon cable using your hand that is connected on the motherboard.

Step 20



- The final step to get the motherboard completely free and ready to replace is taking out the two copper colored 4 mm screws that connect the motherboard from the metal piece below it.

Step 21



- The motherboard is free (The motherboard is ready to be replaced).

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