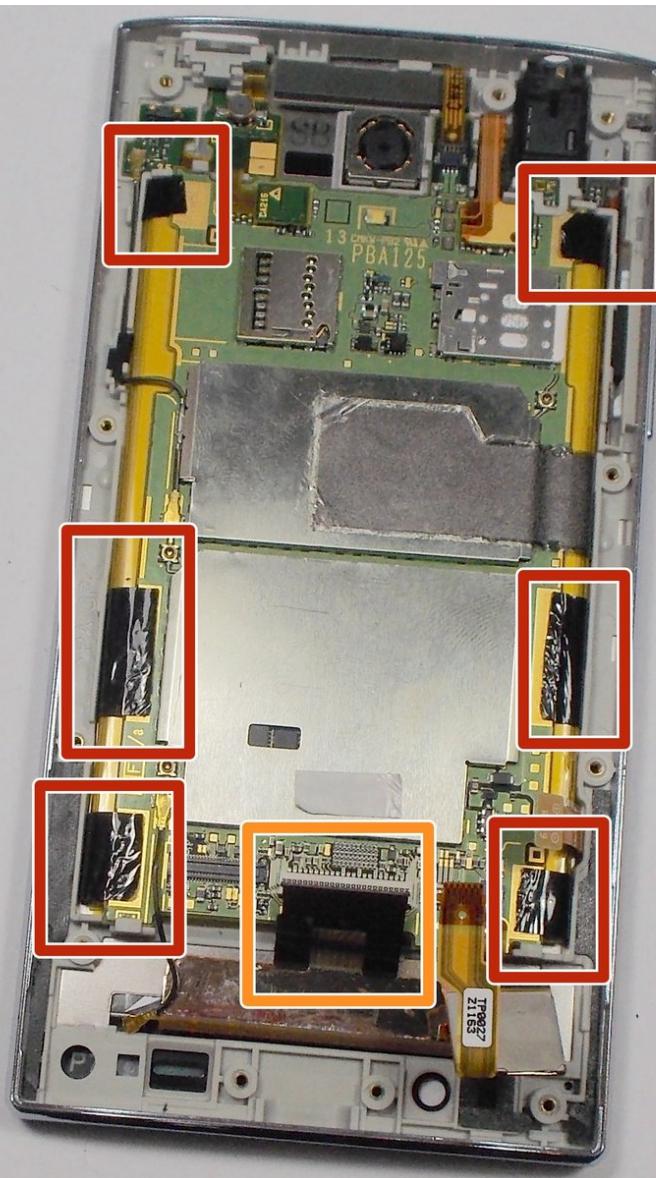




# Sharp Aquos Crystal Motherboard Replacement

Replace the motherboard for your Sharp Aquos Crystal.

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## INTRODUCTION

Dive into your Sharp Aquos Crystal and replace the motherboard to bring your phone back to life.

### TOOLS:

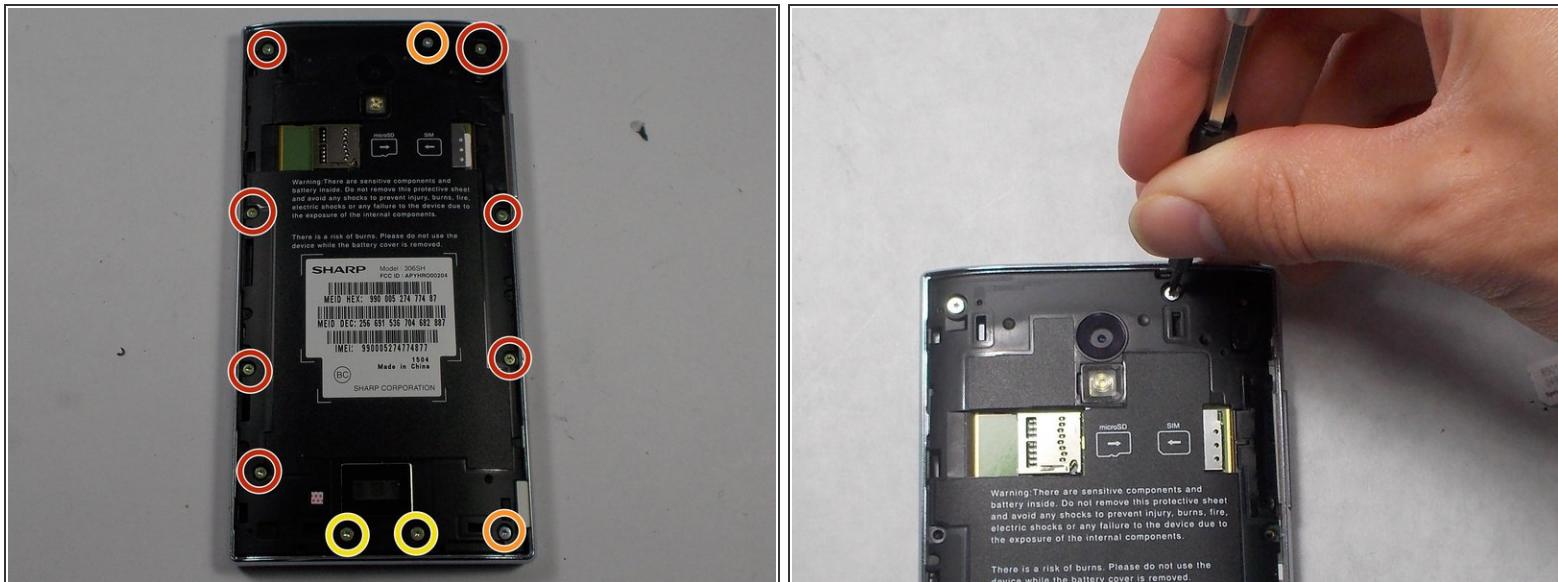
- [iFixit Opening Tools](#) (1)
- [Star Bit Screwdriver](#) (1)

## Step 1 — Back Panel



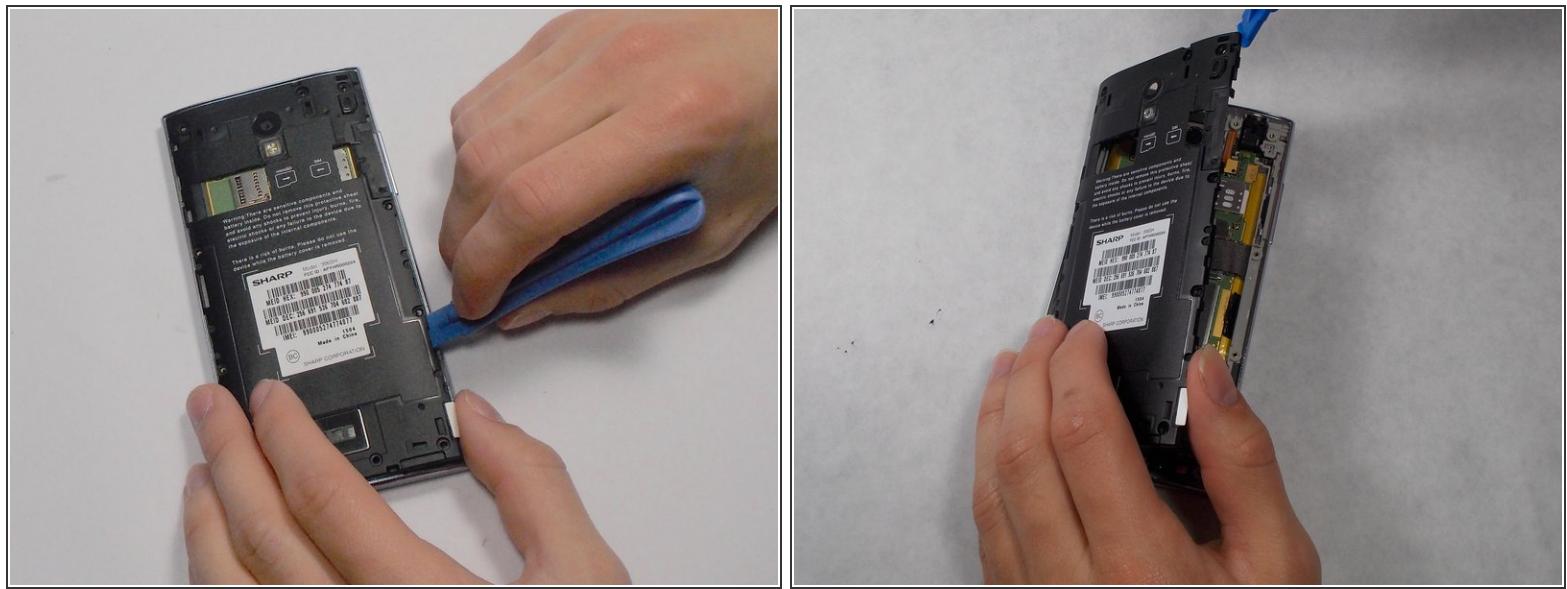
- Peel back the back cover of the phone from the access point to remove it. It should come off easily using your hands.

## Step 2 — USB Port



- Remove seven 3mm Star #5 screws shown in the picture with a screwdriver.
- Remove two 3.5mm Star #5 screws shown in the picture with a screwdriver.
- Remove two 5mm Star #5 screws shown in the picture with a screwdriver.

## Step 3



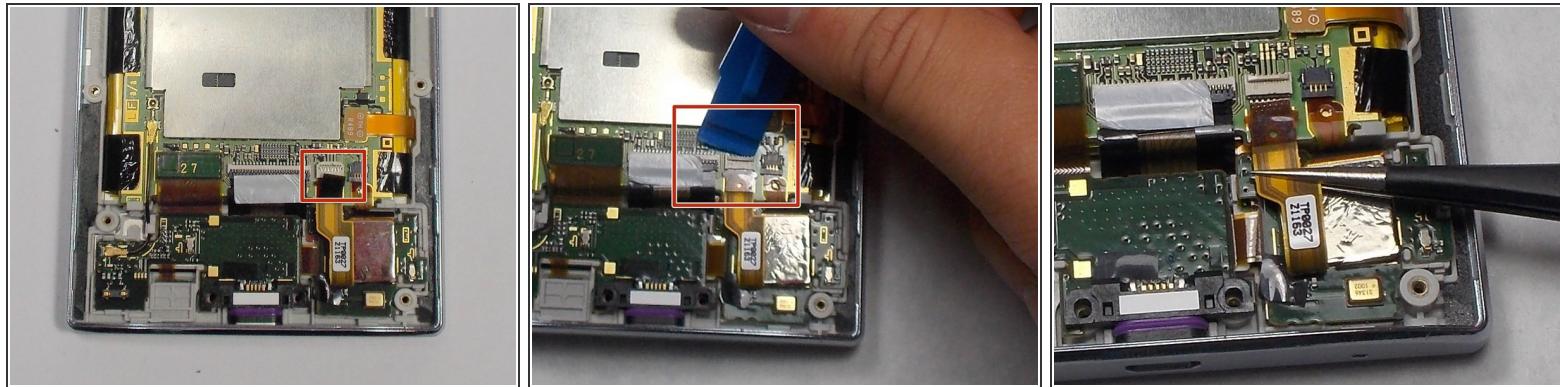
- Pry open the back panel using a plastic opening tool. Do this around the edges until you are able to lift it off.

## Step 4



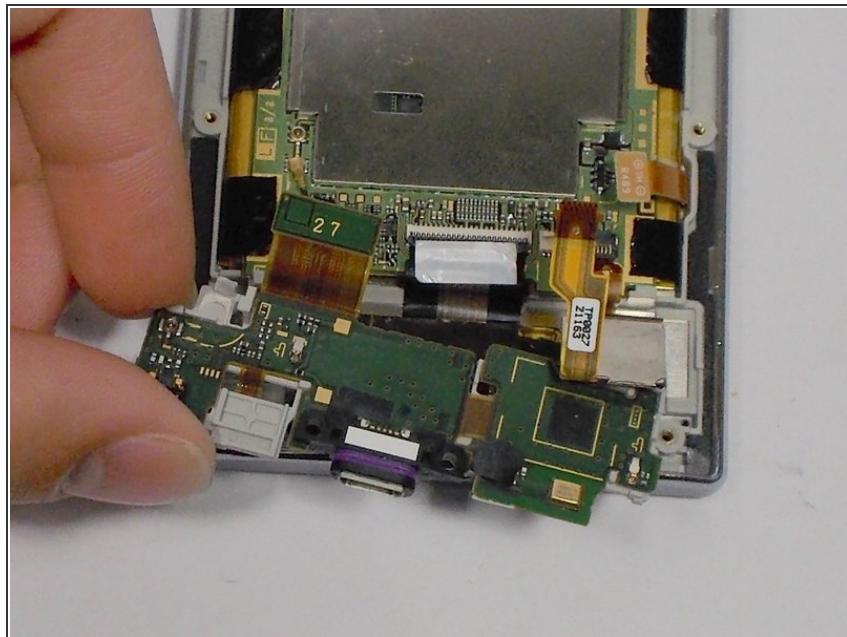
- Disconnect the wire by lifting it up with a plastic opening tool.

## Step 5



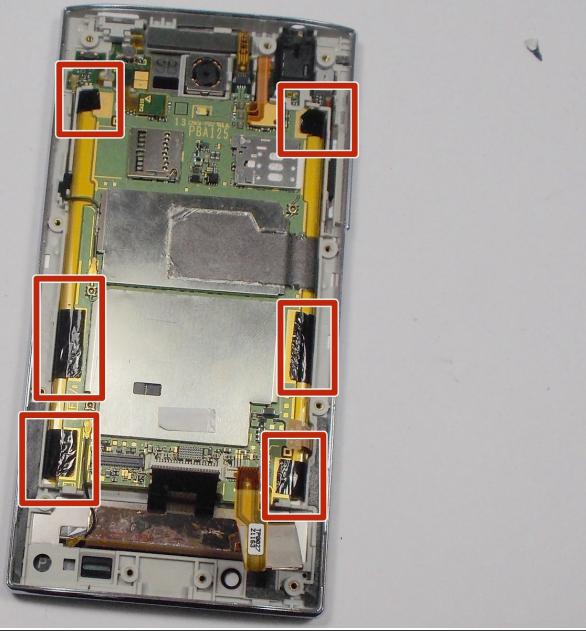
- To disconnect the cable, use the tip of a spudger or your fingernail to flip up the small retaining flap. Then, you can safely pull the ribbon cable out.

## Step 6



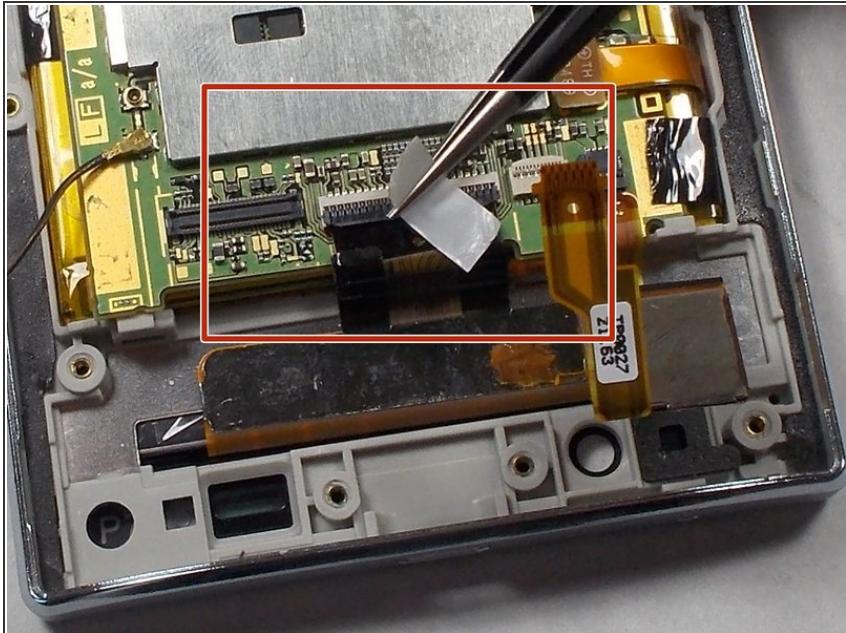
- After removing the wires, carefully snap out the usb port with your hands. It is held down by some plastic clips, so some force may be needed.

## Step 7 — Motherboard



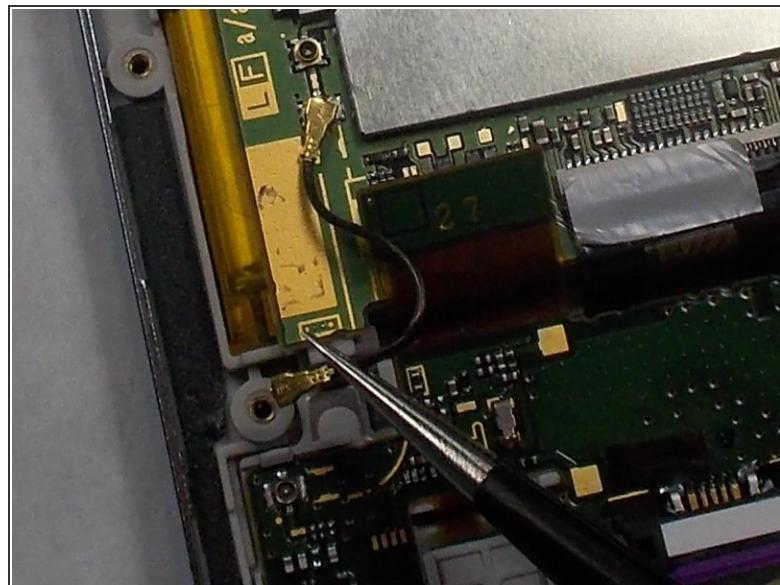
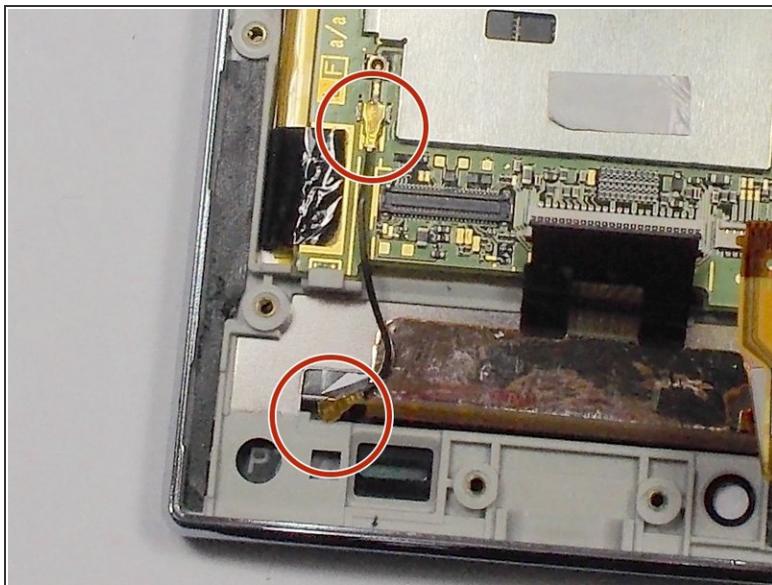
- Peel off the black pieces of tape.

## Step 8



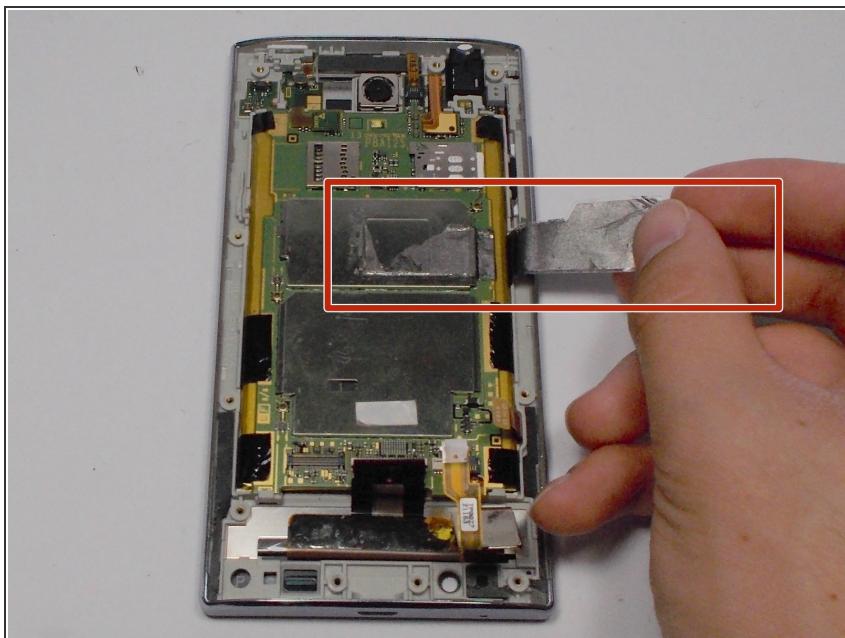
- Use the tip of a spudger or your fingernail to flip up the small retaining flap. Then pull the cable out using tweezers.

## Step 9



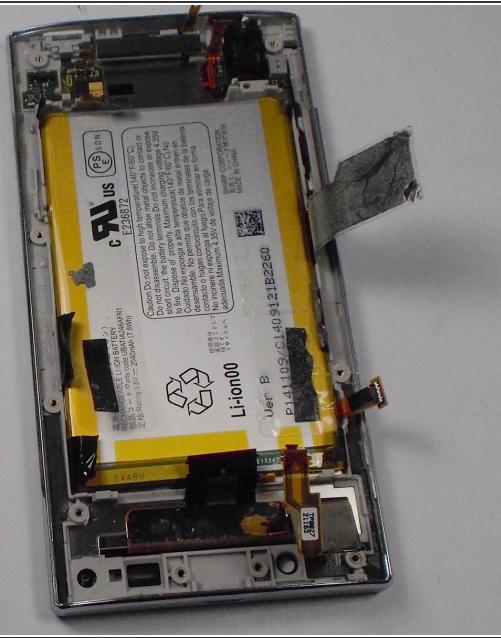
- Remove the wire from the two marked connections using tweezers to pull the wire apart from the device.

## Step 10



- Peel the tape off with your hands.

## Step 11



- Lift the motherboard out with your hands.

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