



Fujifilm FinePix HS30EXR Motherboard Replacement

This guide is meant to be used with the...

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INTRODUCTION

This guide is meant to be used with the intention to replace the Fujifilm FinePix HS30EXR motherboard, which is the central part of the camera.

Warning: As the motherboard plays such a central role in the camera's function, the many wires and cables that connect the many parts to the camera together can be damaged in the replacement process. To avoid any excess damage, treat all wires and cables with care.

TOOLS:

Phillips #00 Screwdriver (1)
Metal Spudger (1)
Soldering Iron 60w Hakko 503F (1)

PARTS:

Fujifilm Finepix HS30EXR Motherboard (1)

Step 1 — Frame



- Flip the camera so that the bottom is facing upwards.
- With the Phillips #00 screwdriver, remove all four screws.

Step 2



- Flip the camera so that it is now on the right side.
- With the Phillips #00 screwdriver, remove all four screws.

Step 3



- Flip the camera so that it is now on the left side.
- Move or remove the flap hiding the camera ports.
- With the Phillips #00 screwdriver, remove all screws.

Step 4



- Flip the camera so that it is now on the top side.
- With a spudger, pry off the highlighted metal piece of the camera.

Step 5



- With the Phillips #00 screwdriver, remove all four screws.

Step 6



- Pull the LCD screen up and out of the way.
- With the Phillips #00 screwdriver, remove the screws.

Step 7



- With a spudger, pry off the frame.
- ⓘ If the frame does not easily dislodge after a few attempts, ensure that all screws are taken out.

Step 8 — Motherboard



- Slowly and carefully pull the frame away to have a better view of the inside.

Step 9



- Peel back (or off) the black tape to expose more of the inside of the camera.
- Flip the white switch of the highlighted chamber up, and that should unlock the ribbon cable from its compartment.
- ⓘ To see if this worked, gently pull the ribbon cable out of the compartment. It should come out without force.

Step 10



- Disconnect the ribbon cable.

Step 11



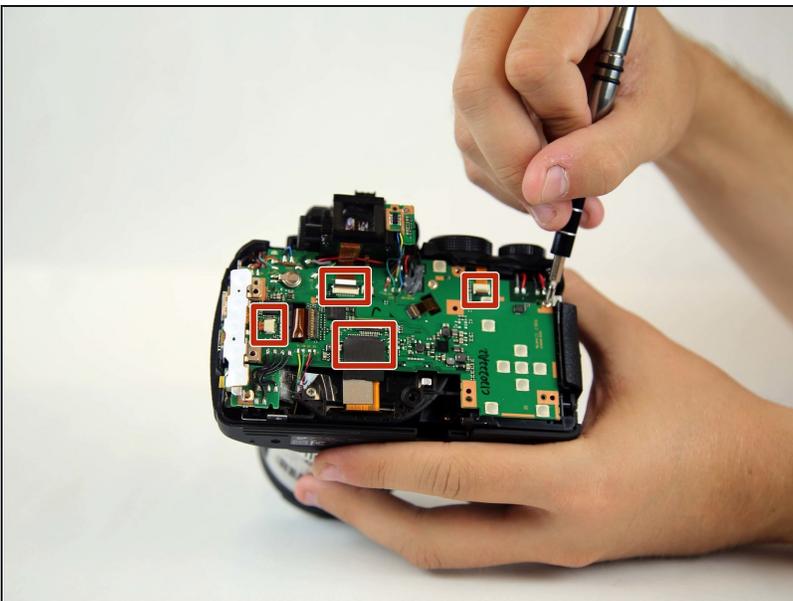
- With the Phillips #00 screwdriver, remove all five screws.
- Remove the metal casing.

Step 12



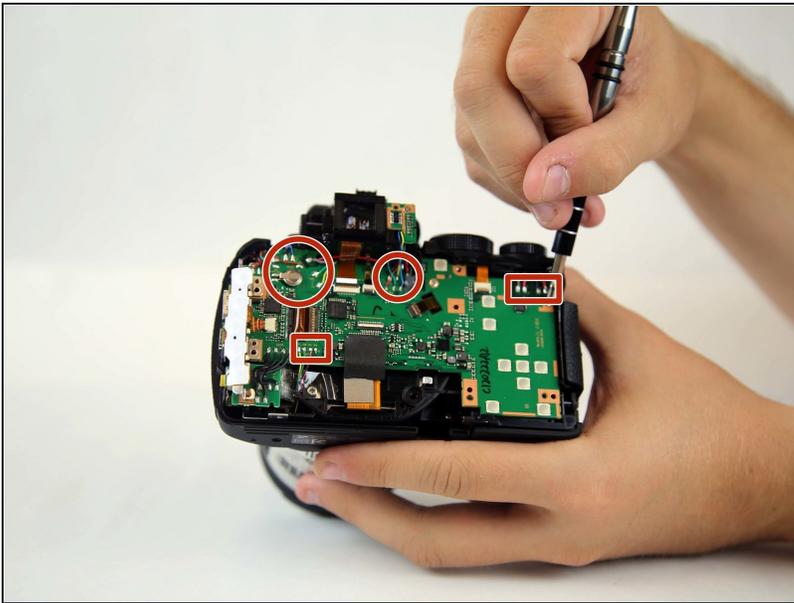
- With the Phillips #00 screwdriver, remove all screws.

Step 13



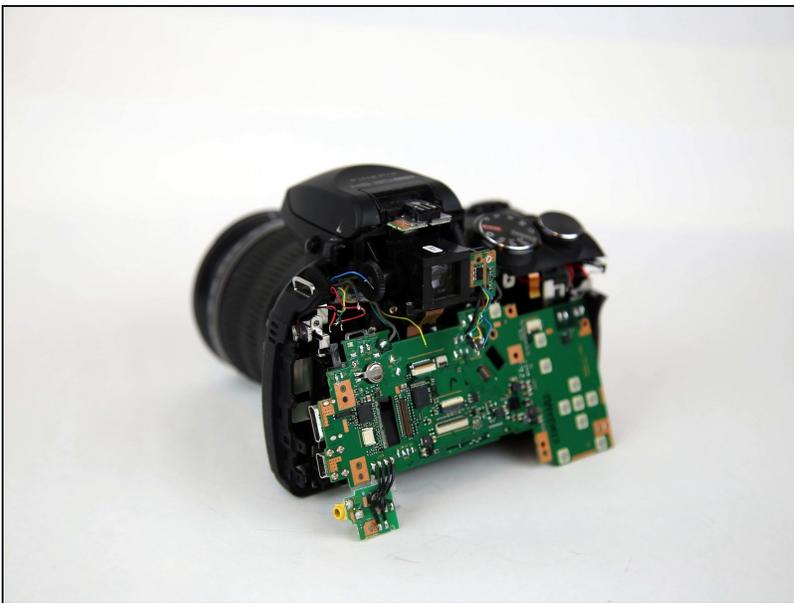
- Ensure the four ribbon cables are disconnected from the motherboard.
- ⓘ Be aware, one is under the black tape.

Step 14



- Begin desoldering all four highlighted areas.

Step 15



- Remove the motherboard.

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