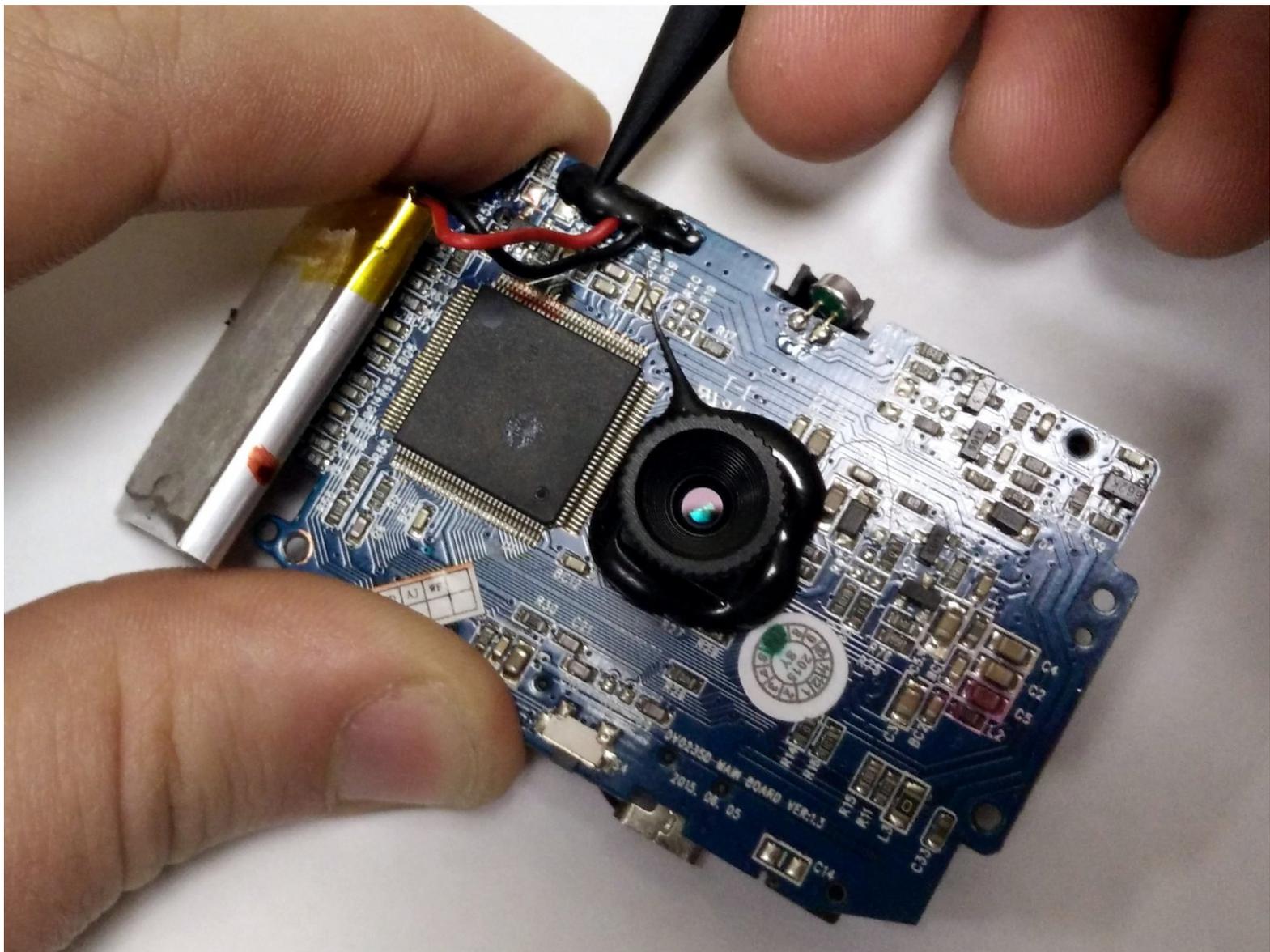




Vivitar DVR 781HD Battery Replacement

The lithium polymer battery in the DVR 781HD isn't really meant to be replaced by the user. Don't let a little soldering stop you, though.

Written By: Nathan McDaniel



INTRODUCTION

This guide provides instructions for removal of the internal battery from the 781HD DVR camcorder. Replacement of the battery requires soldering and removal of potting compound from the terminals. This guide should be followed only if the reader is comfortable with soldering on small electrical boards.

TOOLS:

- [Phillips #1 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Soldering Iron](#) (1)
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Step 1 — Front Case



- Begin with the camcorder lens up on a clear working surface.
- Remove the two 4mm Phillips #1 screws holding the switch plate in place. Rotate the device 180 degrees and repeat for the screws on the opposite side.

Step 2



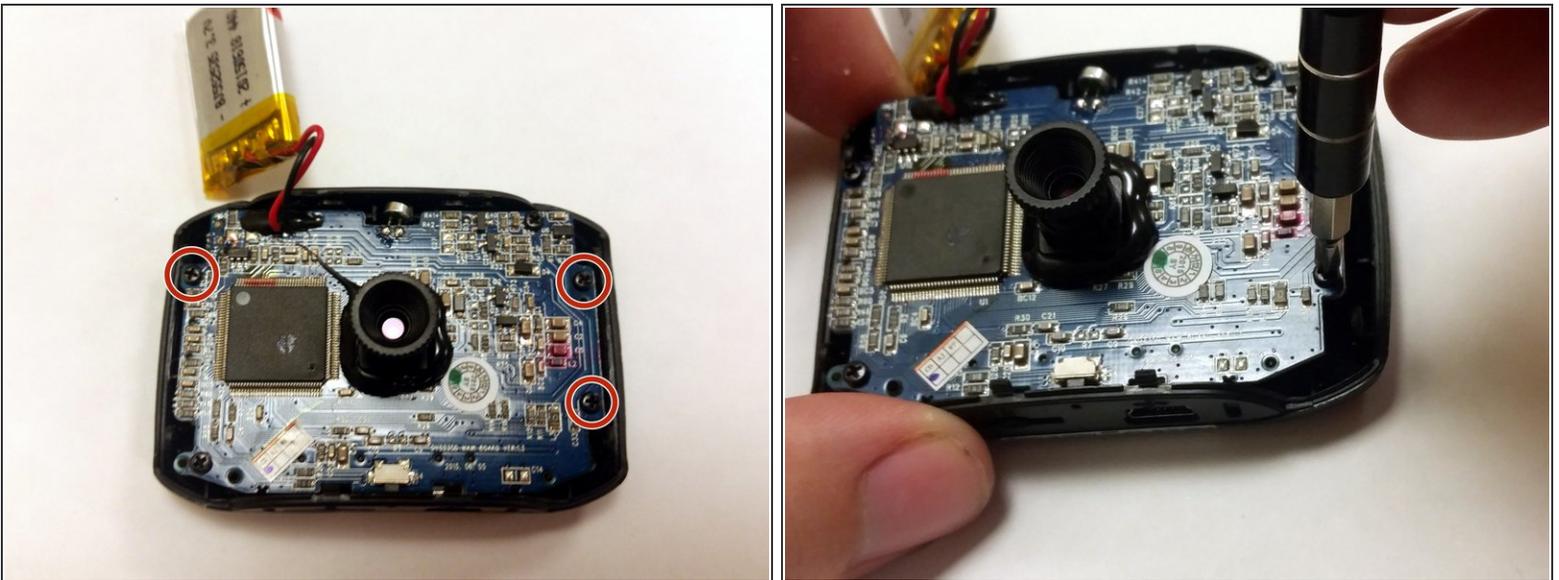
- Slide the plastic opening tool into the seam between the front and back sections of the case and apply a small amount of force to pop the case open.

Step 3



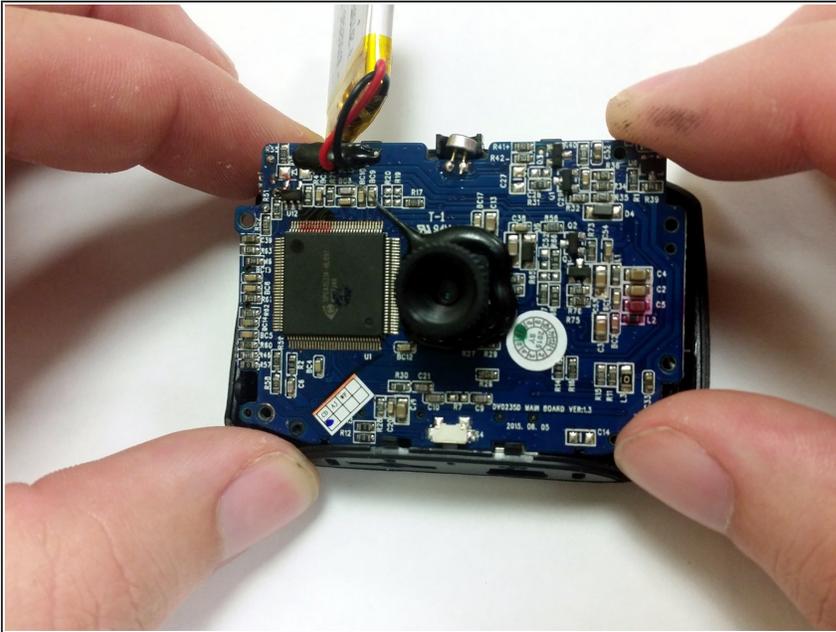
- Move the plastic opening tool around the seam and apply force at each step to separate the front plate from the back plate and motherboard.
- The battery is held to the front half of the case with double-sided tape. Peel it up with a finger, being careful not to damage the battery.

Step 4 — Motherboard



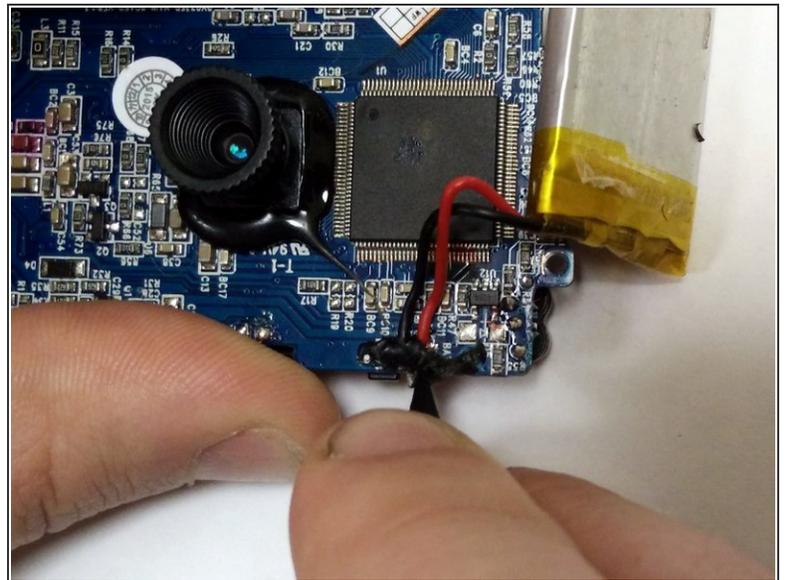
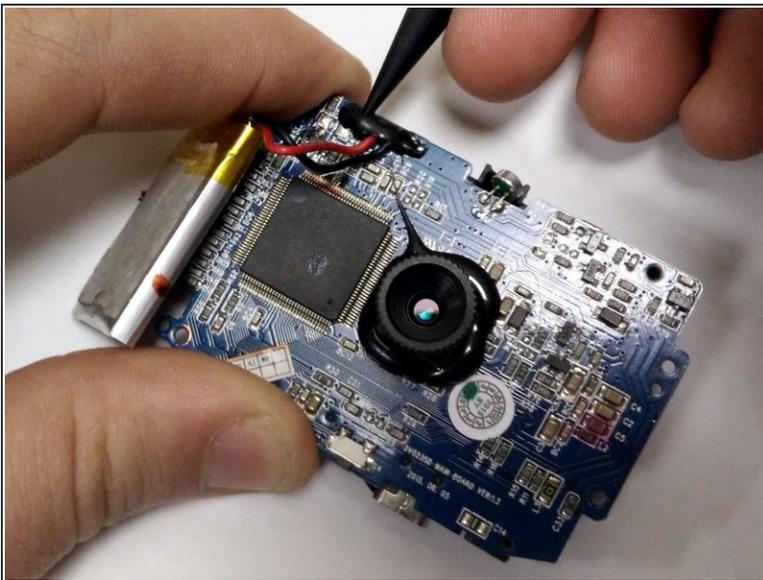
- Using a P1 screwdriver, remove the 4mm screws holding the motherboard into the case.

Step 5



- Gently lift the motherboard, handling it by the edges.

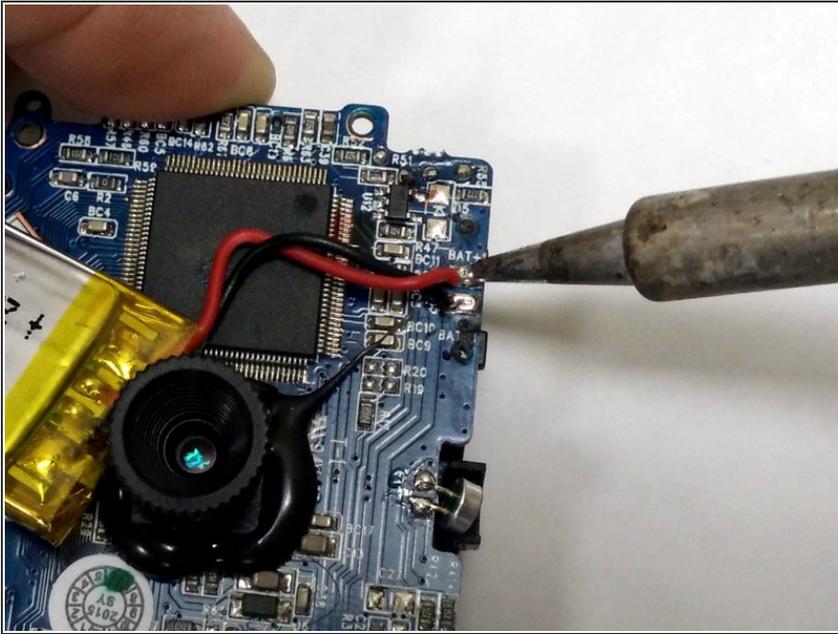
Step 6 — Battery



- The battery connections are reinforced by black potting compound. Gently pry it away with a plastic spudger.

⚠ Be very careful with this step, as applying too much force can damage the motherboard or the components on it.

Step 7



- Melt the soldered battery connections with a soldering iron and gently pull the battery wires away.

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