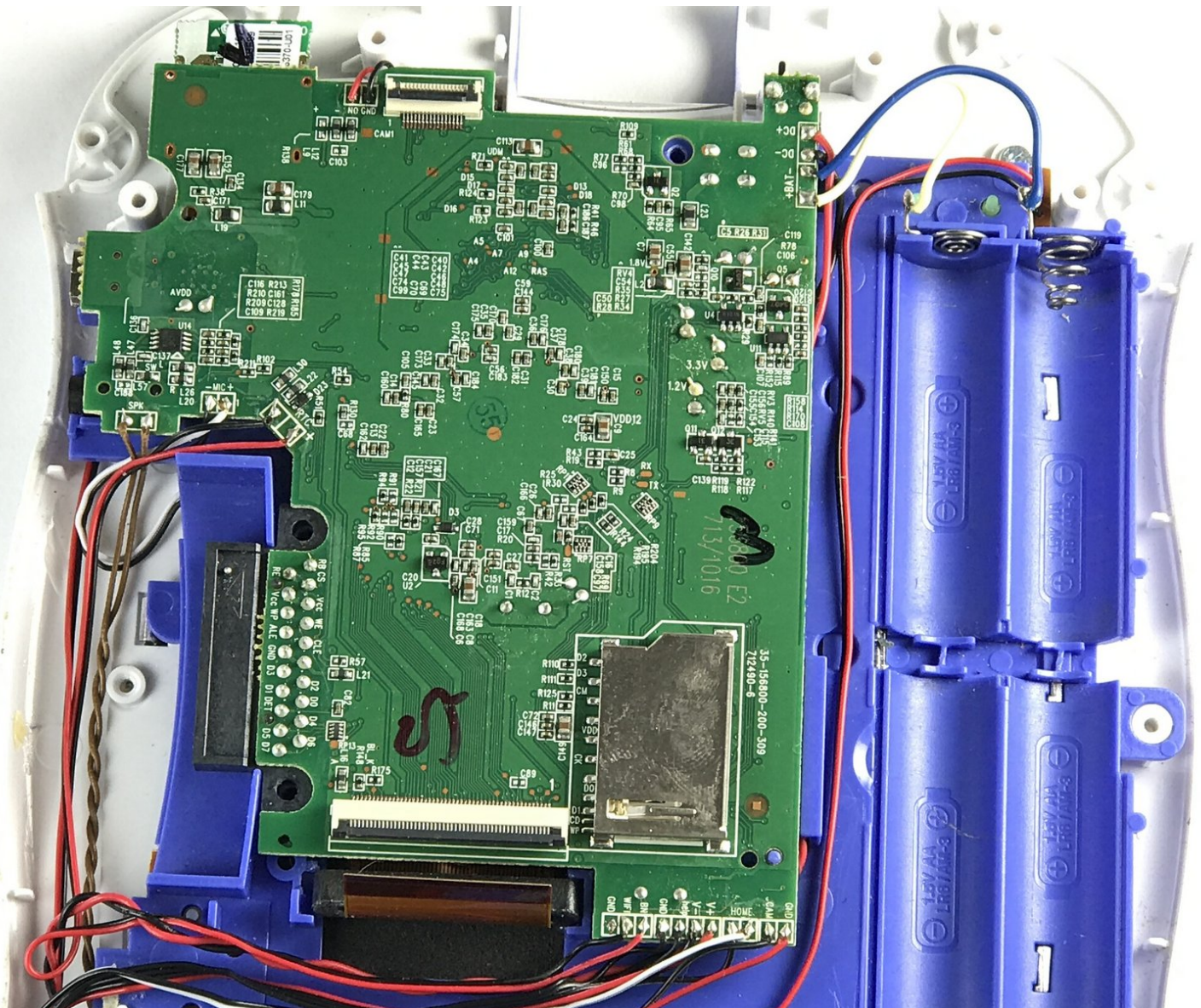




VTech InnoTab 2S Motherboard Removal

In this guide you will learn how to remove the motherboard from the device.

Written By: Ricardo Espinosa



INTRODUCTION

To begin the removal of the circuit board you first need to remove the back cover from the device.



TOOLS:

- [JIS Driver Set](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Metal Spudger](#) (1)
 - [Spudger](#) (1)
-

Step 1 — Back Panel



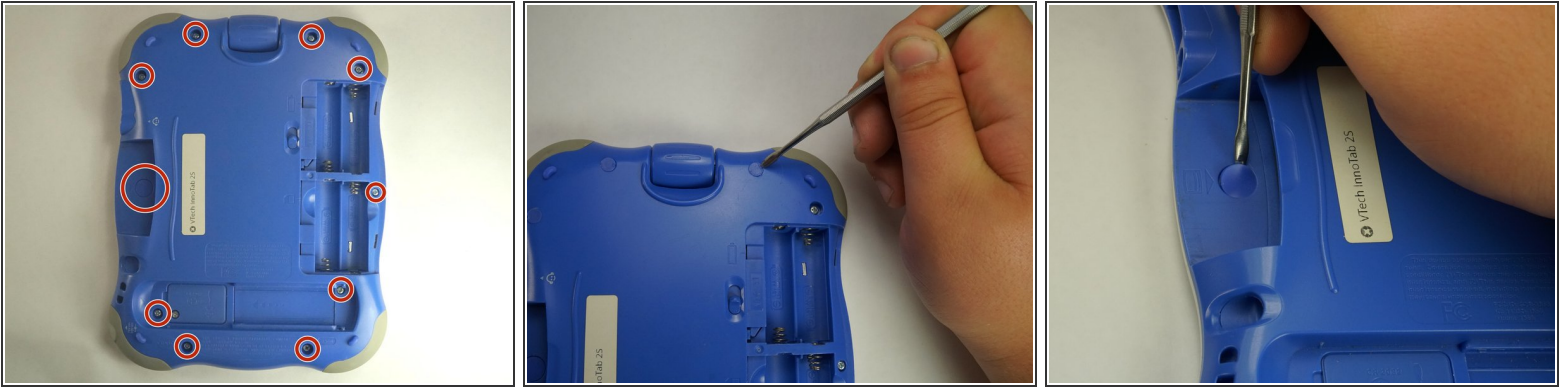
- Turn your device to where the back panel is facing you.

Step 2



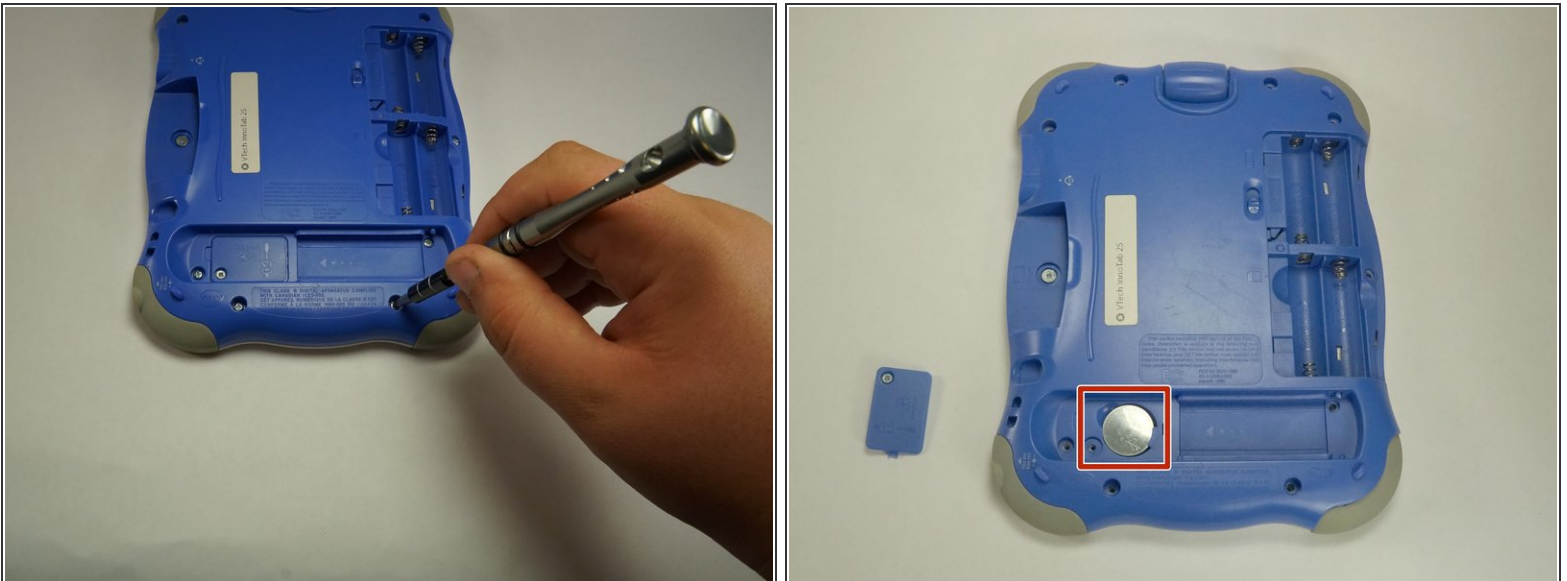
- Lift the Leg all the way up and twist the bottom to remove.
 - Once the bottom part pops out the whole leg should just come off.
 - Remove any game cartridge from the device.

Step 3



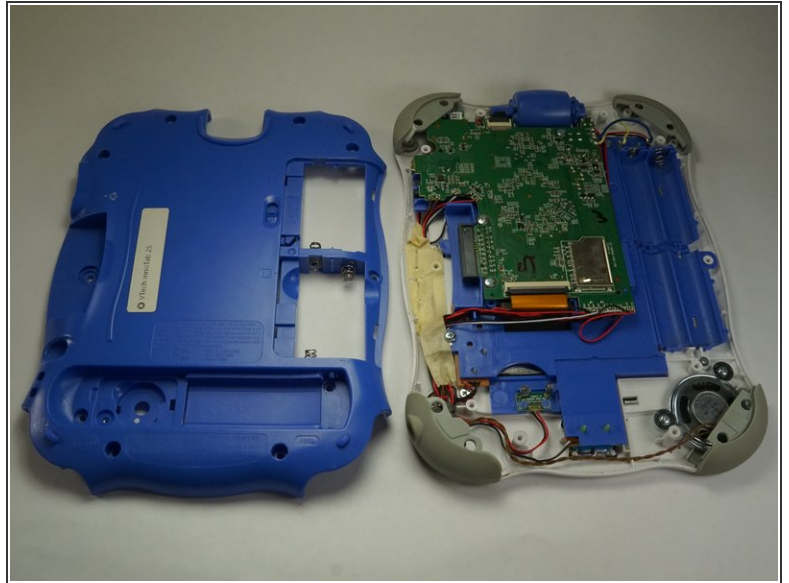
- Remove all of the plastic tabs on the device. These are covering screws that will need to be removed.
- ⚠ These covers are made of hard plastic so they may be difficult to remove.
- There is a special tab in the cartridge cover that is made of rubber, make sure to not break this tab.

Step 4



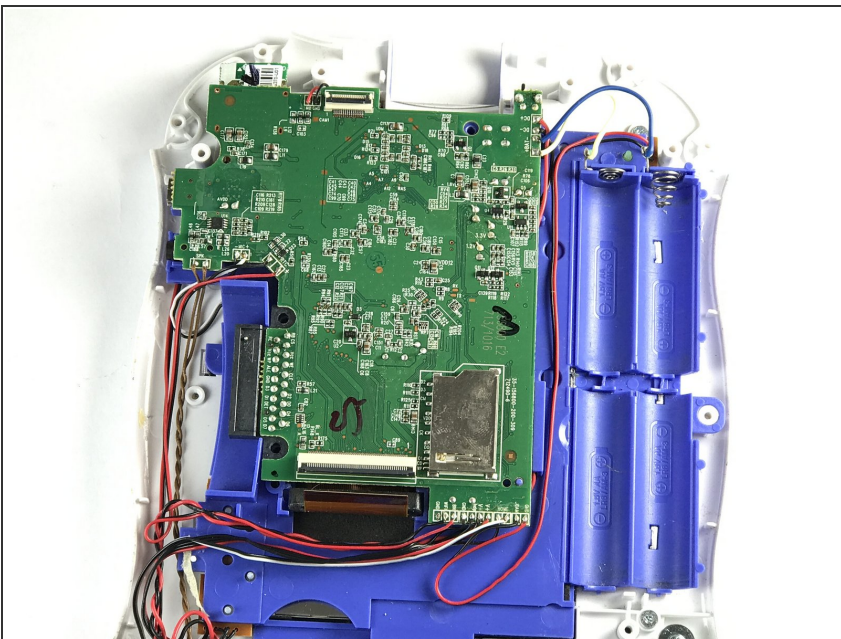
- Remove all nine screws from the back of the device using a J0 bit.
- Remove the small battery.

Step 5



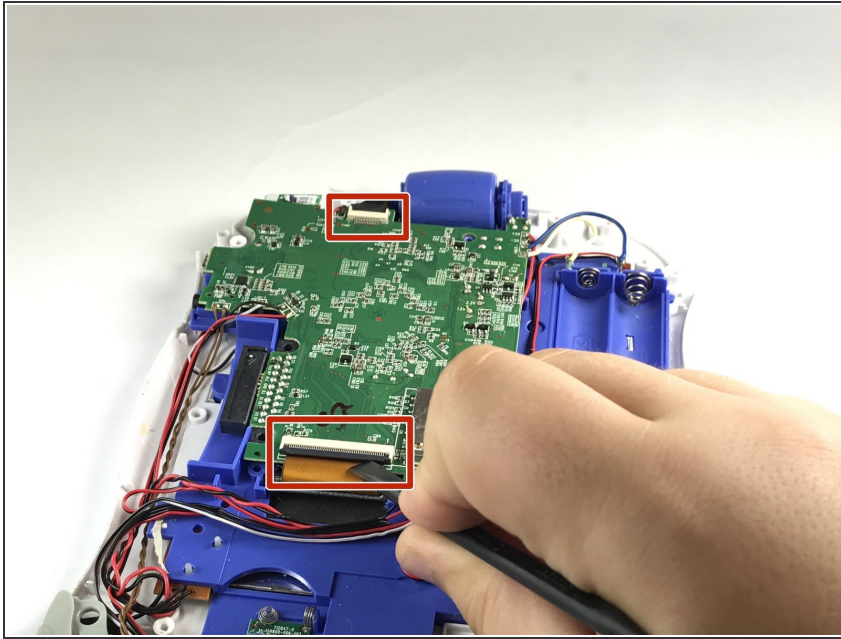
- Using a plastic opening tool, detach the backplate from the front piece.
 - ⚠ Do not use excessive force. Double check that you removed all the screws if the panel is not coming off easily.
- Once the backplate has been removed, you will have access to the circuit board.

Step 6 — Motherboard



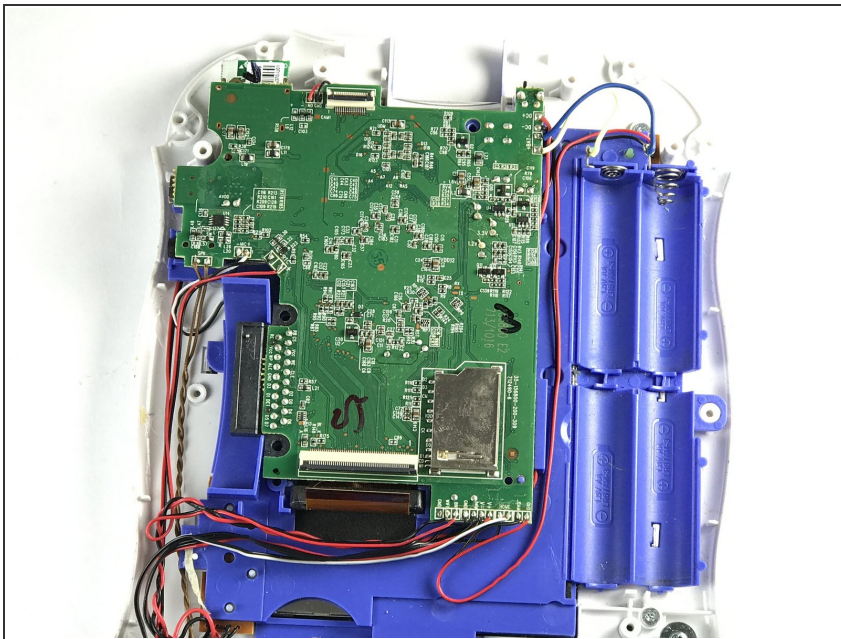
- First begin by removing the three cross-head screws using a J0 bit.

Step 7



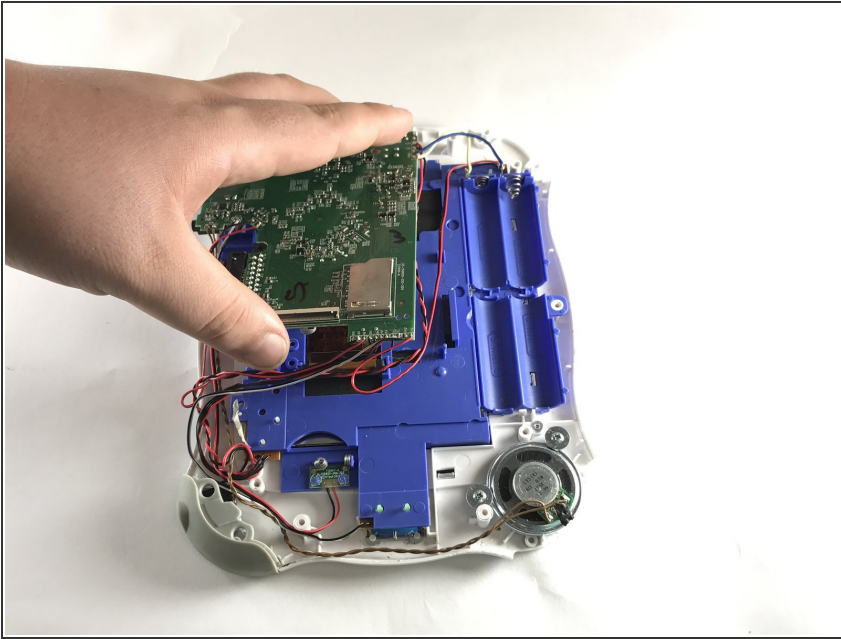
- First remove the ribbon cables. There are two highlighted by the red squares
- Do not apply too much pressure and make sure that the black plastic tabs are fully open before you pull the cable out.

Step 8



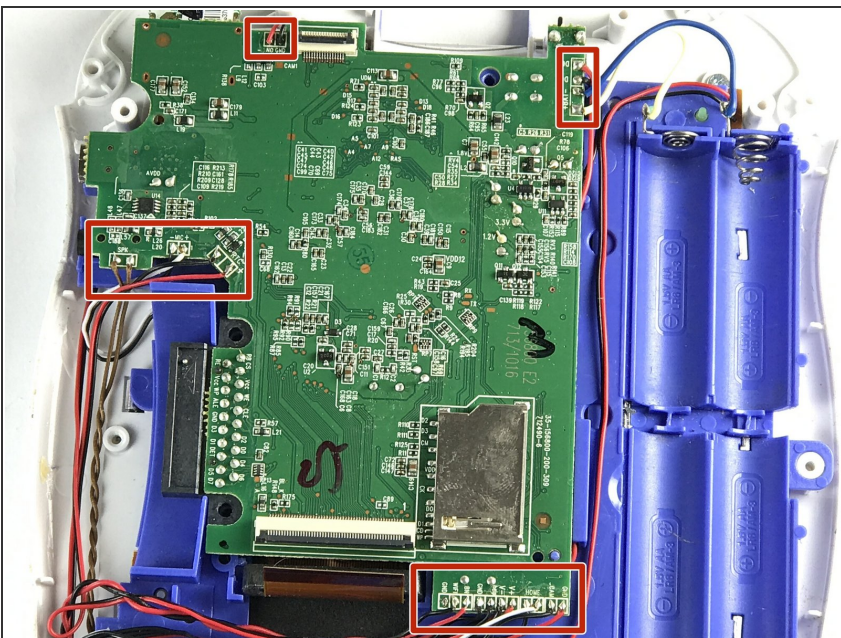
- Remove the camera from the assembly and put it in a safe place so that it will not get damaged.

Step 9



- Remove the board from the main assembly.
- Be careful not to pull too hard so that the cables aren't broken.

Step 10



- De-solder the points shown to fully remove the cables and free the board.
- ① A soldering guide offered by IFIXIT can be found here [Soldering Skills](#).