



Samsung T139 Teardown

Teardown showing all the guts of an old Samsung T139 flip phone.

Written By: Nathan



INTRODUCTION

Teardown showing all the guts of an old Samsung T139 flip phone.



TOOLS:

- [Jimmy](#) (1)
 - [Spudger](#) (1)
 - [ESD Safe Tweezers Blunt Nose](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
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Step 1 — Removing the battery and back screws



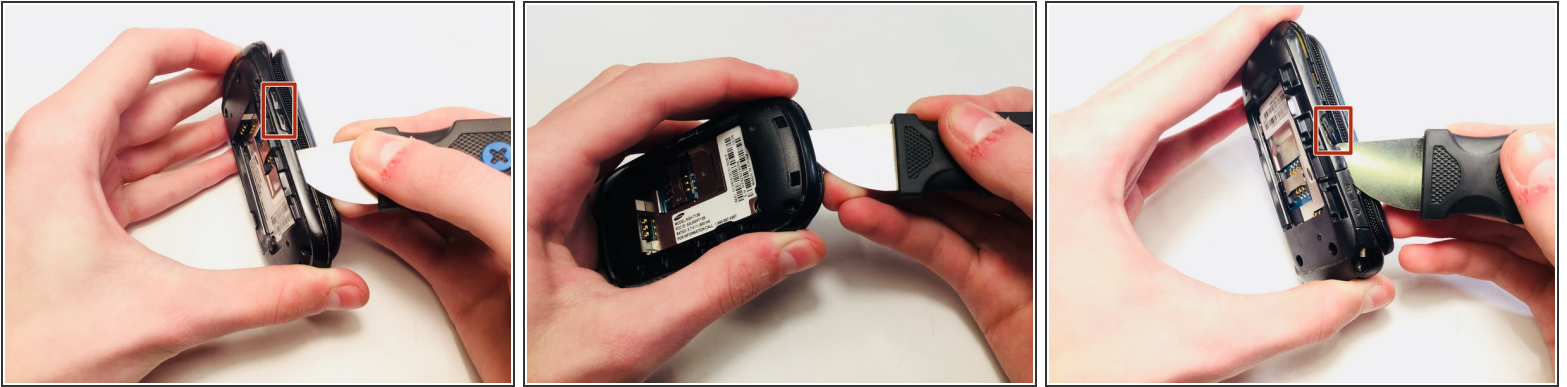
- Start by removing the back of the phone. Once that is done you will find 4 Phillips 00 screws two on the top left and right and two on the bottom left and right
- Take out the battery

Step 2 — Remove the back screws



- You will see 4 phillips 00 screws, two on the top left and right and two on the bottom left and right. Remove them.

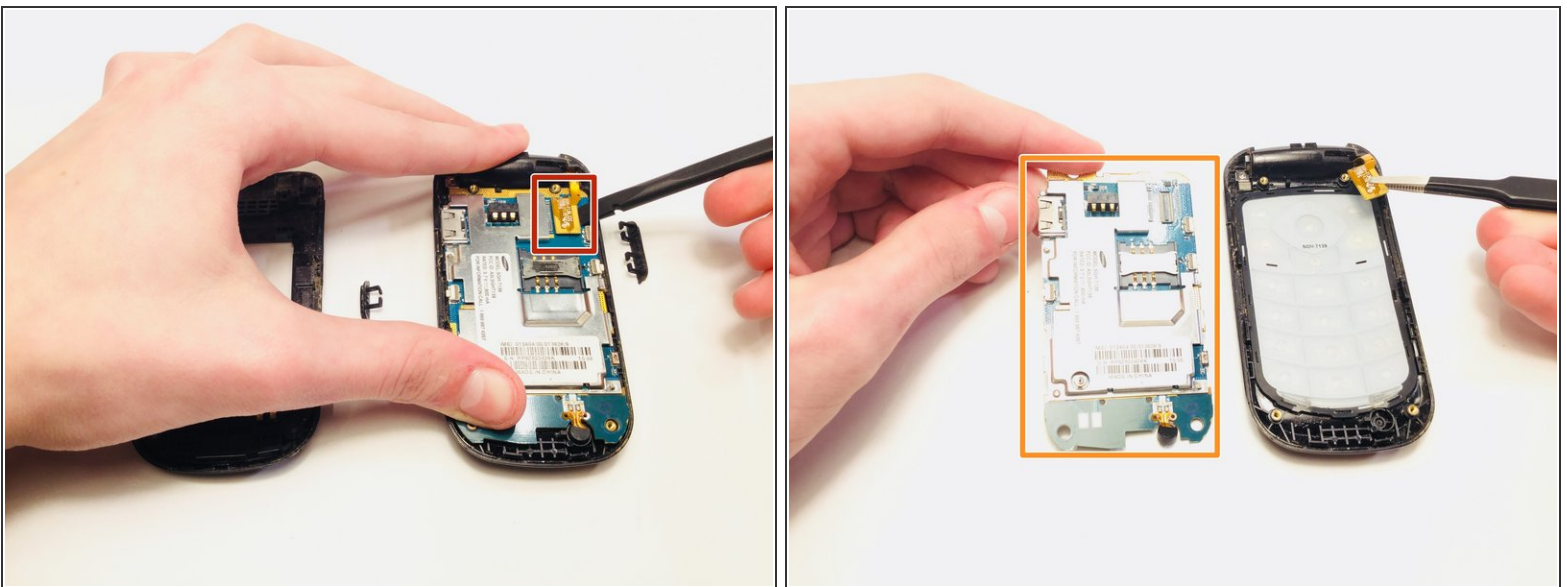
Step 3 — Removing the outer border



- Take the [Jimmy](#) and go around the sides of the phone until the outer border comes off.

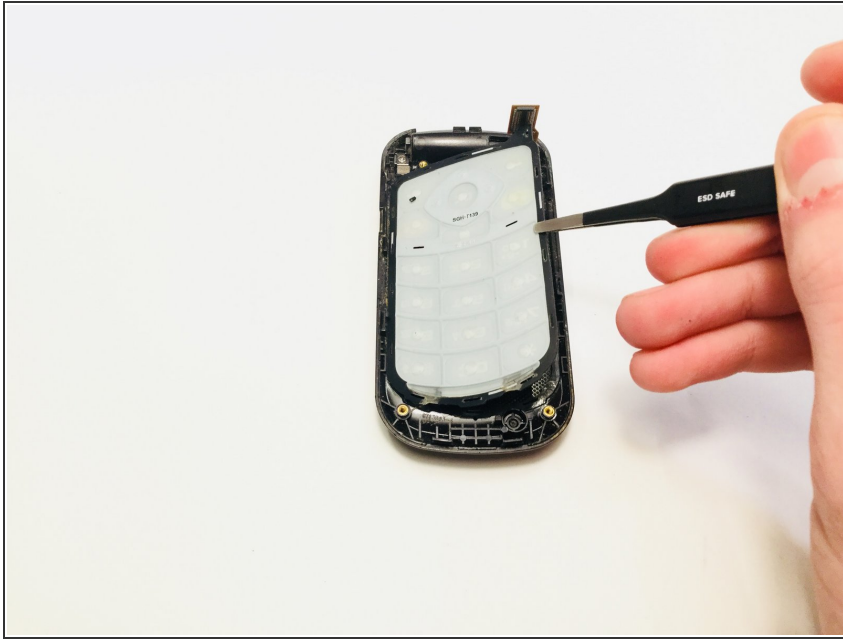
⚠ Be aware of the buttons on the side as they will fall out.

Step 4 — Removing the logic board



- Push gently on the side of the screen cable with a [Spudger](#) to release
- Then remove the logic board.

Step 5 — Removing the key pad



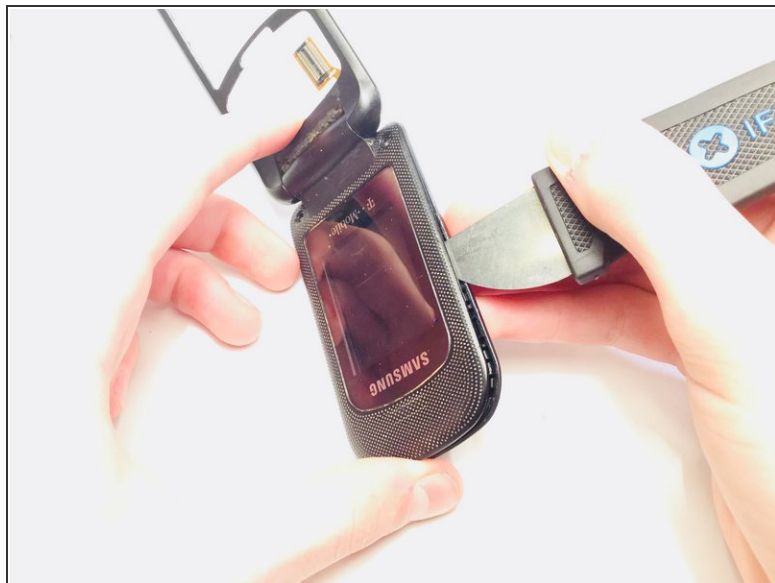
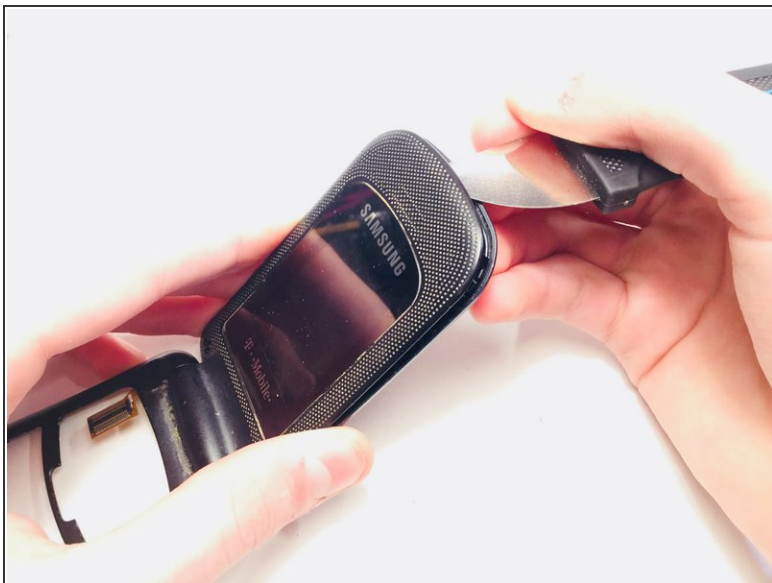
- Take the keyboard out by pulling gently on the side with some [tweezers](#)

Step 6 — Remove screws



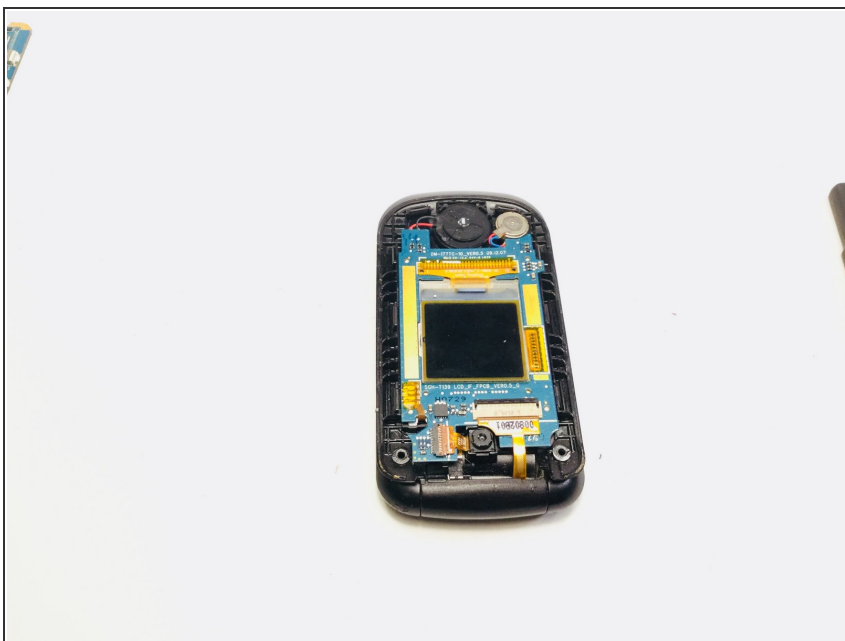
- Remove the two black screw covers on the bottom of the screen
- Remove the two screws that are revealed

Step 7 — Removing the case



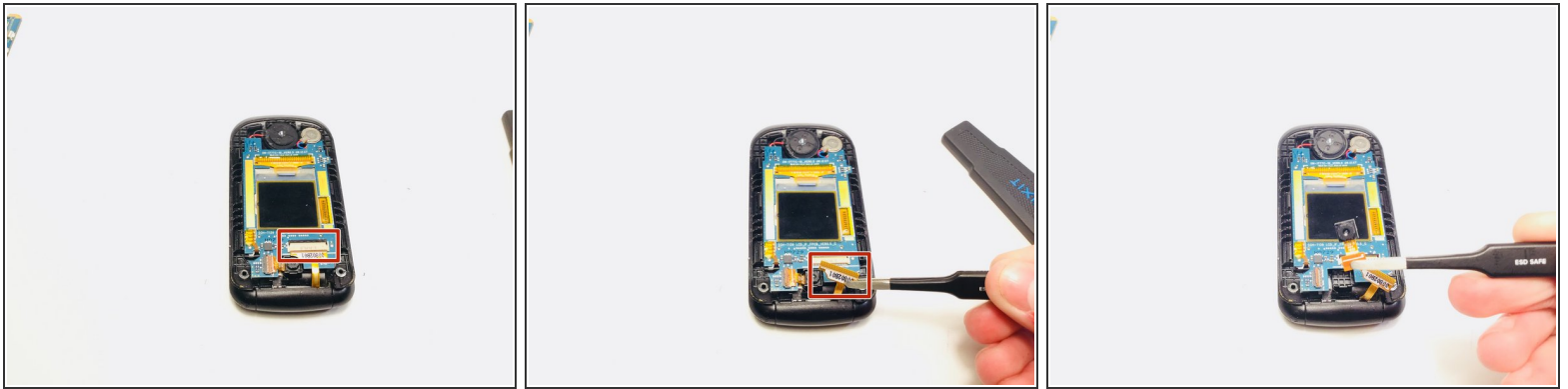
- Take a [Jimmy](#) and go around it until the front case (the one with the smaller screen) comes off.

Step 8 — Looking at the phone



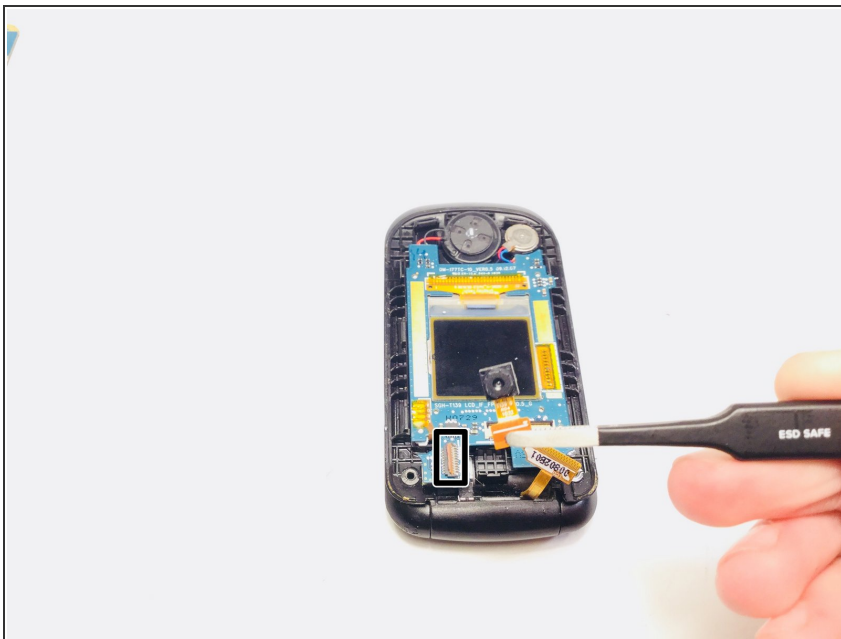
- After you are done with step six the phone should look like this

Step 9 — Remove the logic board to screen connection



- Take a [Spudger](#) and push up on the little black bar at the top end of the screen to logic board cable

Step 10 — Remove the camera



- Take a [Spudger](#) and push up the little red bar over the camera cable.
- Pull the cable out and remove the camera.

Step 11 — Getting the screen out



- Take a pair of [tweezers](#) and lift up to remove the screen.

Step 12 — The finished product



- Congrats! Your done. Let's take a look at what we have.
- Outer cases
- Screens
- Logic board
- A camera
- Some button covers
- A battery
- A keypad cover