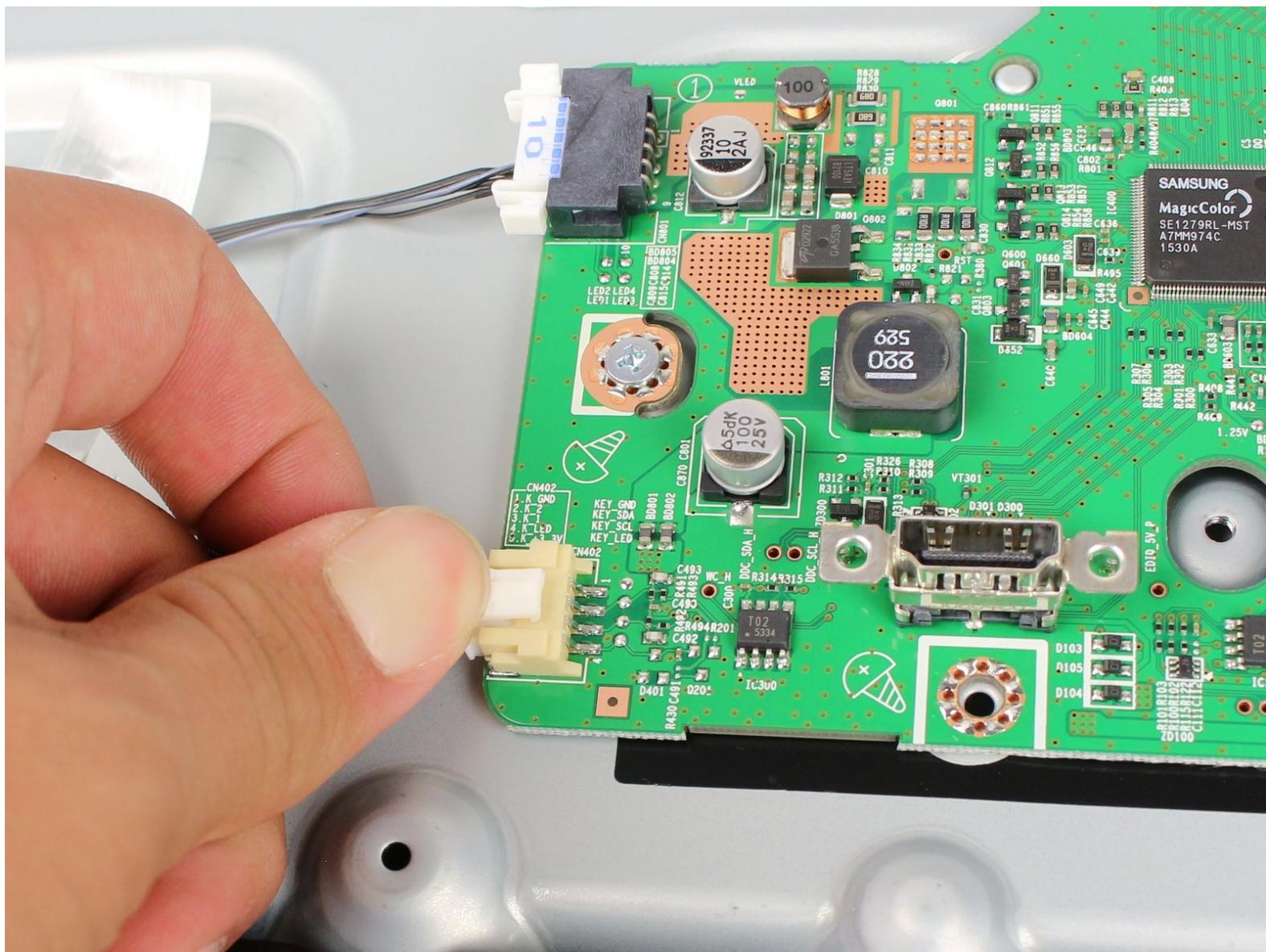




Samsung 27E510C Motherboard Replacement

This guide will show you how to remove the motherboard from within your monitor.

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INTRODUCTION

The motherboard is the electronic hub inside the monitor connecting each of its electrical components, including the navigation button, the screen, and the HDMI/VGA ports.

TOOLS:

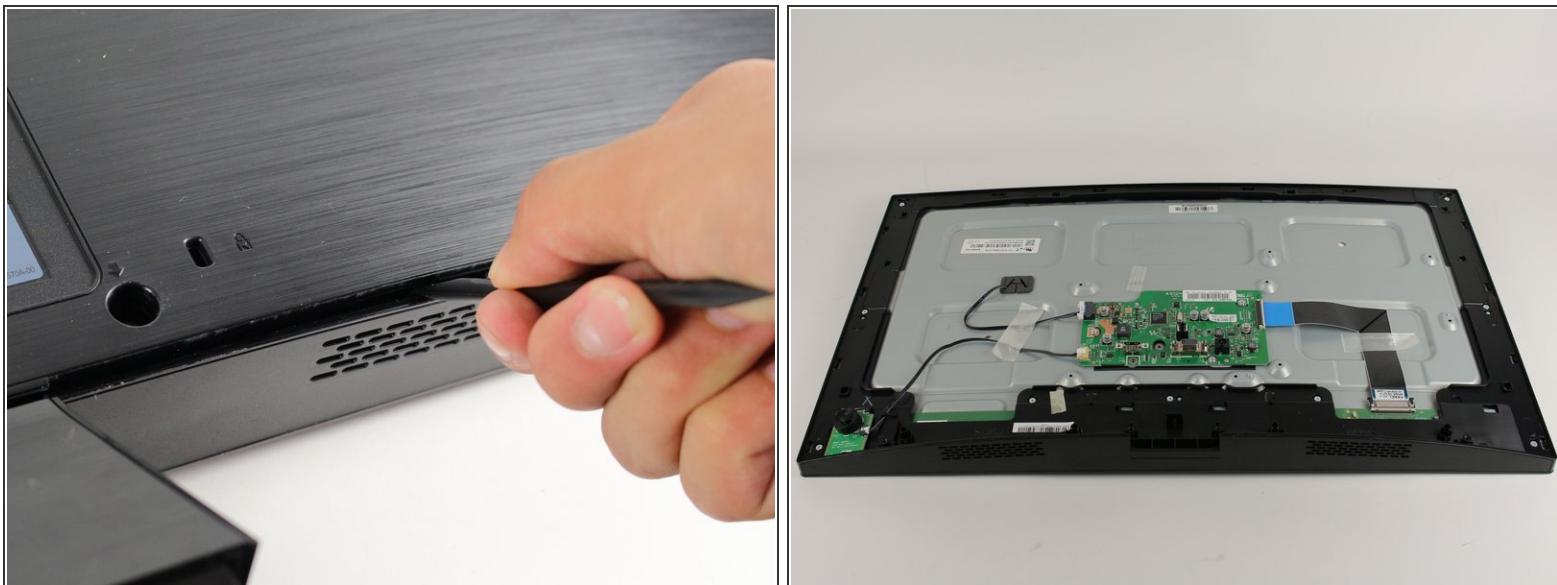
- [Phillips #1 Screwdriver](#) (1)
- [Heavy-Duty Spudger](#) (1)

Step 1 — Back Panel



- Use the #1 Phillips head screw driver to remove each 13.75mm length screw from the rear panel.
- The screw alone with the ports is a different size than the rest, its length is 12mm.

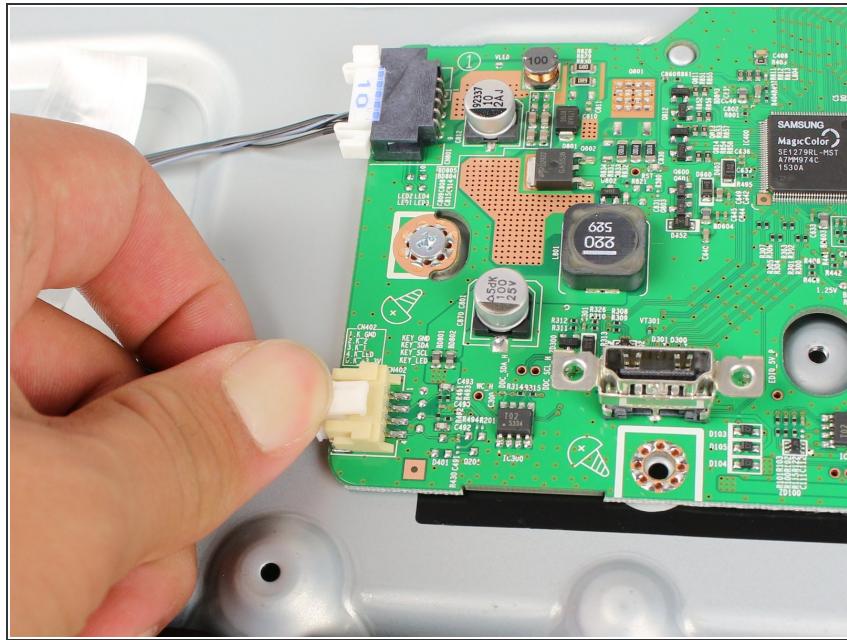
Step 2



- Insert the heavy duty spudger in between the monitors back panel and its frame.
- Use the heavy duty spudger to pry open the back panel.

⚠ Over aggressive prying could break the tabs holding the back panel in place.

Step 3 — Motherboard



- Remove the navigation button connector by pulling while holding down its thumb tab.

Step 4



- Remove the screen connector by gripping its sides and gently pulling while wiggling back and forth.

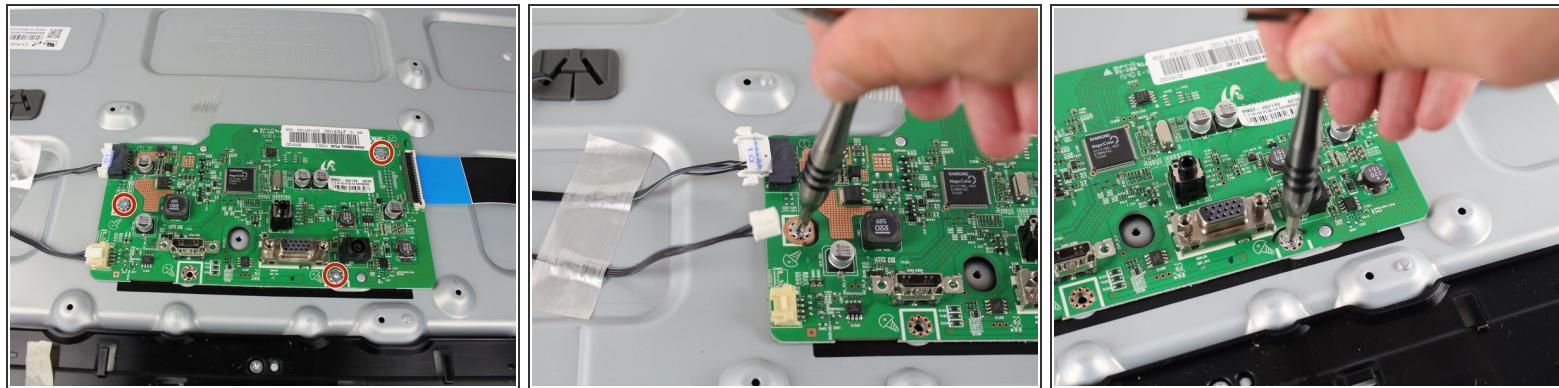
Step 5



- For the ribbon cable, Lift the tab from the side facing the inside of the mother board with your fingernail or a spudger.
- Remove the cable by pulling while lifting slightly.

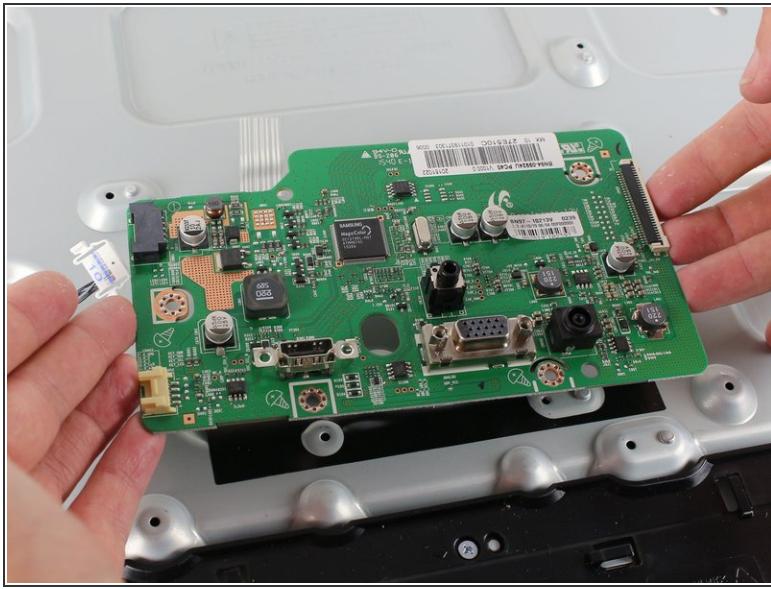
⚠ If the cable does not come out easily, than the secure tab may not be fully opened.

Step 6



- Remove each of the 5mm length screws attaching the motherboard to the body of the monitor using a #1 Phillips head screwdriver.

Step 7



- Using both hands, lift the board off of the monitor body by the motherboards base.

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