



Samsung Galaxy Fame S6812i Motherboard Replacement

The Galaxy Fame is a low end smartphone released in 2013. Its compact size and attractive price tag makes it an ideal solution for a novice user to a smartphone.

Written By: Taylor



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INTRODUCTION

You will be learning how to replace the motherboard.

TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Tweezers](#) (1)

Step 1 — Remove Battery Cover



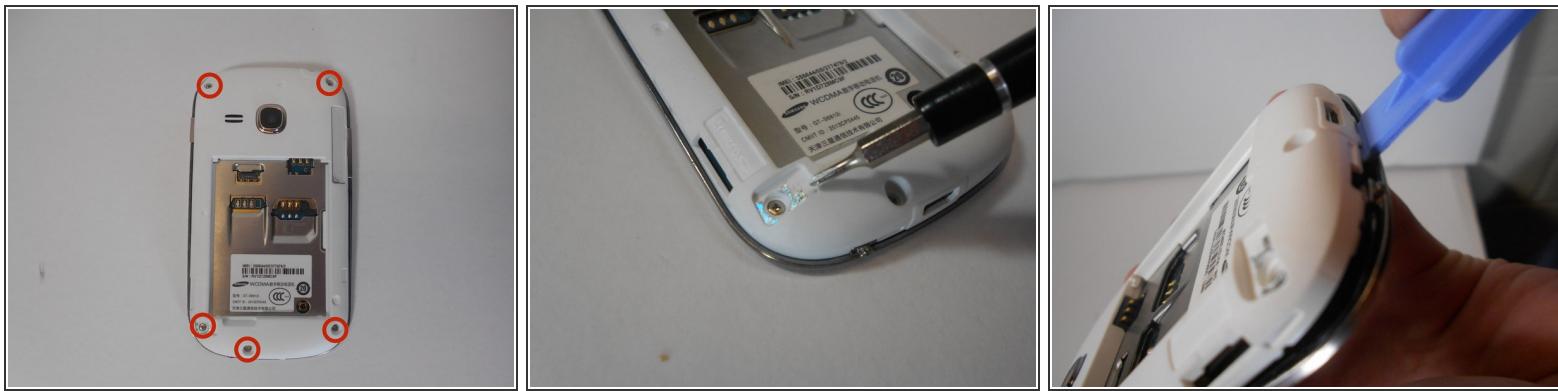
- Locate the small indent in the top of the device and use your nails or a spudger to separate the cover from the mid-frame.

Step 2 — Remove the Battery



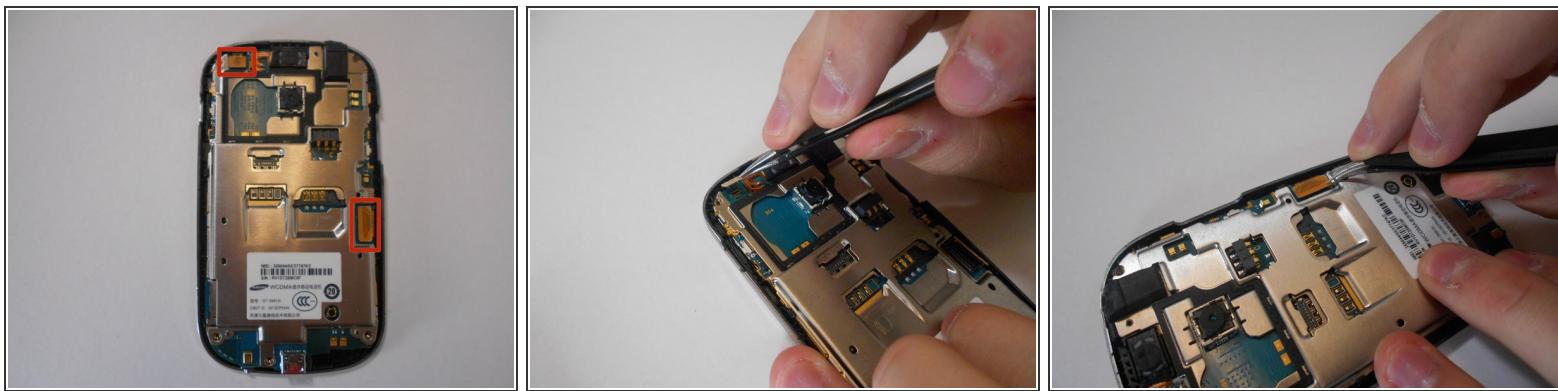
- Locate the indent on the bottom left corner of the battery compartment. Use your fingers or the plastic opening tool to lift the battery from the device.

Step 3 — Remove the Mid-Frame



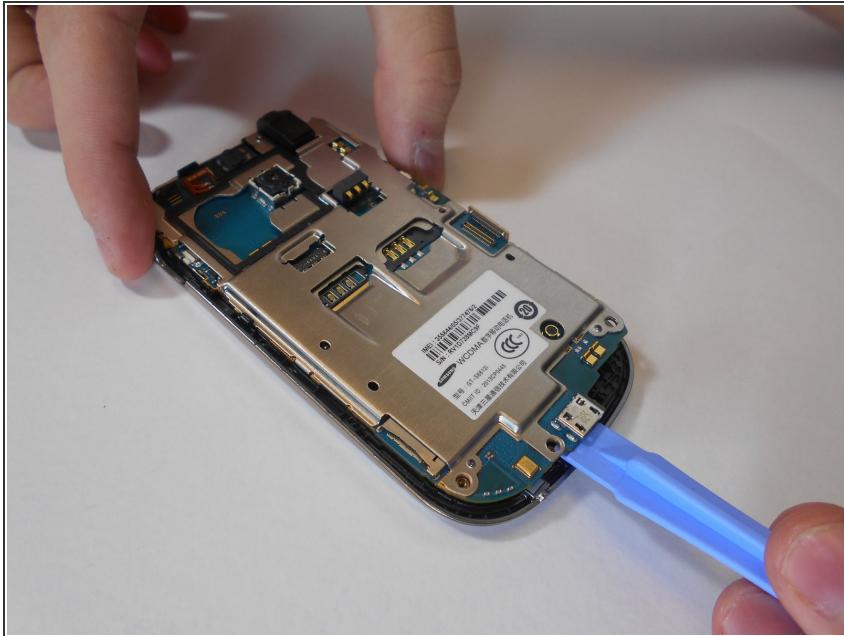
- Remove the five 3mm screws along the top and bottom edges of the device with the Philips #00 screwdriver.
- ⚠ One of these will be hidden under a piece of reflective foil. Breaking this will void the warranty.
- Use the plastic removal tool to work pry the mid-frame from the device.
- ⓘ This may take some effort, so try working around the edges slowly as to not break anything.

Step 4 — Unplug LCD Screen from Motherboard



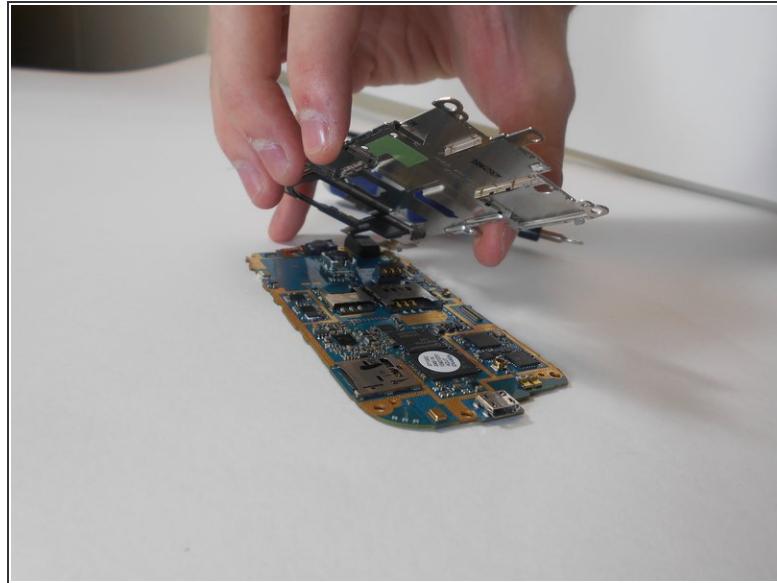
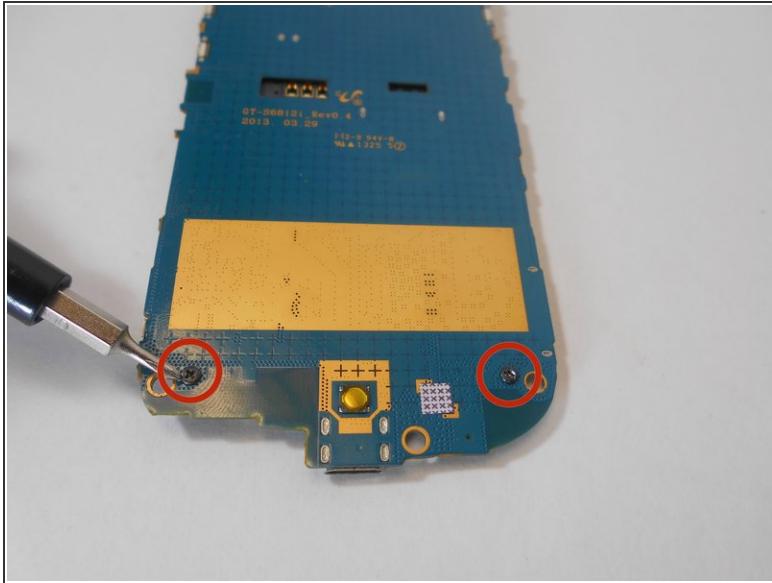
- Locate the two ribbon cable connections on the motherboard. **GENTLY** use the pointed end of the spudger to disconnect the cables. Lift the motherboard out of the phone.

Step 5



- Using your fingers or a plastic opening tool, carefully lift the motherboard assembly from the phone.

Step 6 — Chassis Removal



- On the front face of the motherboard, locate the two #00 Phillips head screws. These hold the SIM card chassis in place.

(i) Keep these screws separate from the back plate screws.

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