



Texas Instruments TI-83 Plus Motherboard & Screen Replacement

This guide will step through the process of installing the motherboard and screen of the TI-83 Plus.

Written By: Kevin



INTRODUCTION

If your screen Or motherboard is broken this guide is for you. The screen is tethered to the motherboard, so both items must be replaced at the same time.

TOOLS:

- [Phillips #00 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [T6 Torx Screwdriver](#) (1)
-

Step 1 — Backup Battery



- Remove the battery cover.
- Remove the AAA batteries from the calculator.

Step 2




- Remove the 5mm Philips #00 screw holding backup battery cover.
- Remove the backup battery cover.

Step 3



- Use plastic opening tool to remove the backup battery. Place the tool in the small cut-out next to the battery and pry the battery out.

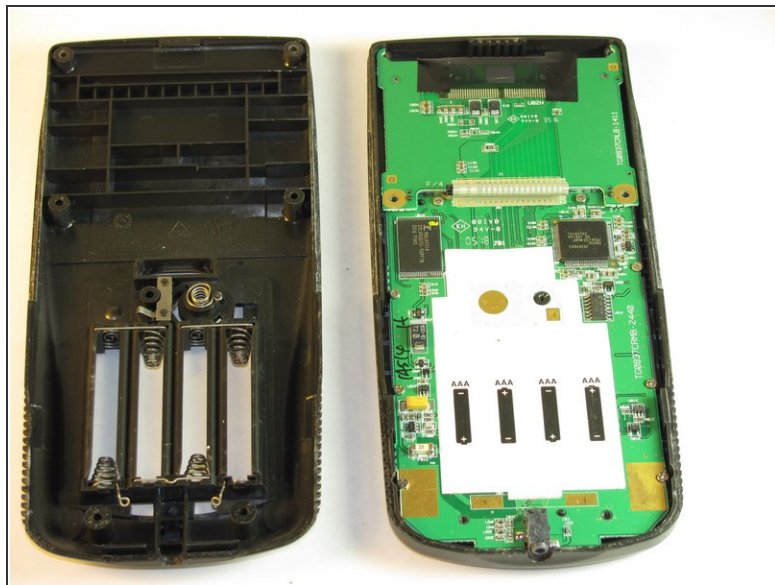
 Be careful, the backup battery is spring loaded and may shoot up when you remove it.

Step 4 — Back Case



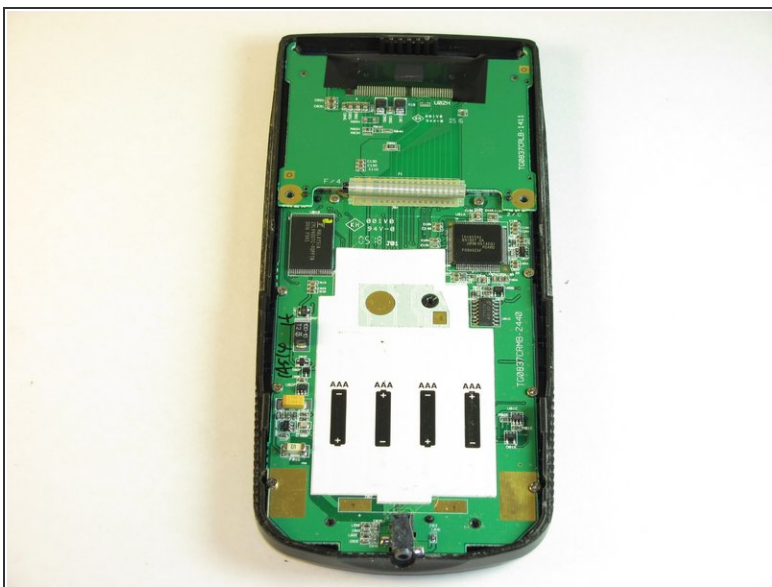
- Unscrew the six 7.5mm T6 screws on the back case. You will need to use a screwdriver with a long and skinny head.

Step 5



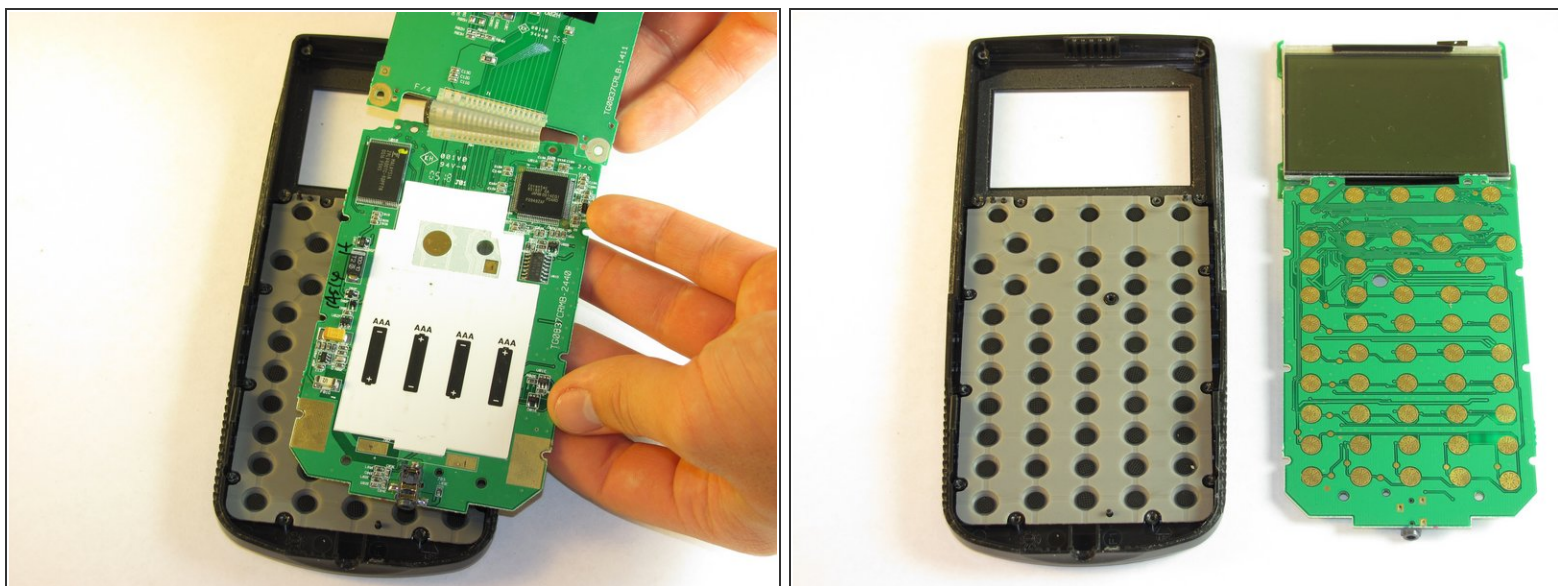
- Pry back case off. Insert the plastic opening tool in the track for the protective cover and pry the halves of the case apart.

Step 6 — Motherboard & Screen



- ① Keep the screen face-down during this step. Only the motherboard is attached to the face-plate and the screen may fall out.
- Remove the eight (8) 5mm Philips #00 screws on the motherboard.

Step 7



- Carefully remove the motherboard and screen. Grab the board by its side with one hand and the screen with the other. Carefully lift the two parts up.
- ⓘ Keep the face-plate face-down to prevent the keys from falling out.

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