



Sanyo CX 110 Teardown

Teardown of a Sanyo CX-110 calculator.

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INTRODUCTION

Teardown of an early 1980s Sanyo CX-110 calculator.

TOOLS:

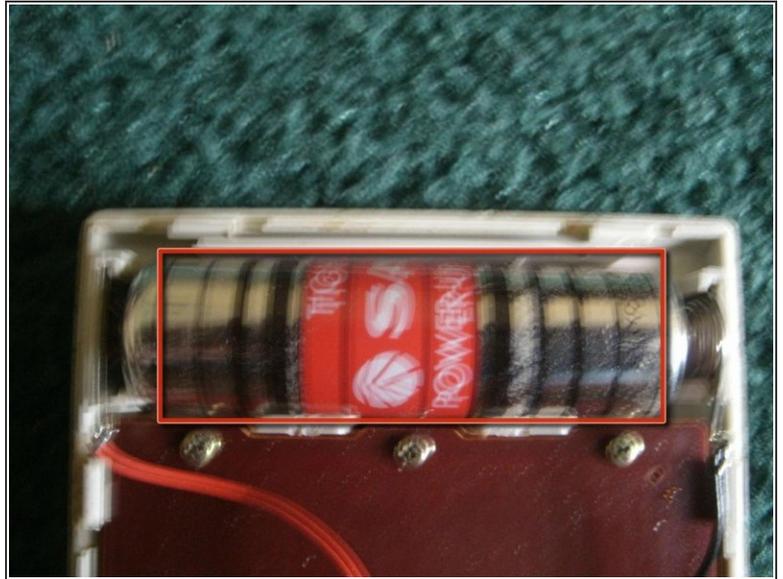
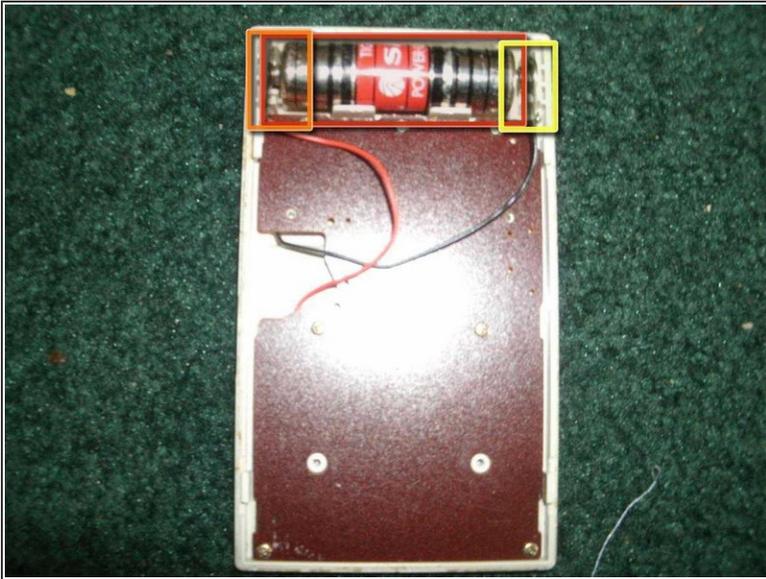
- [Phillips #0 Screwdriver](#) (1)
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Step 1 — Sanyo CX 110 Teardown



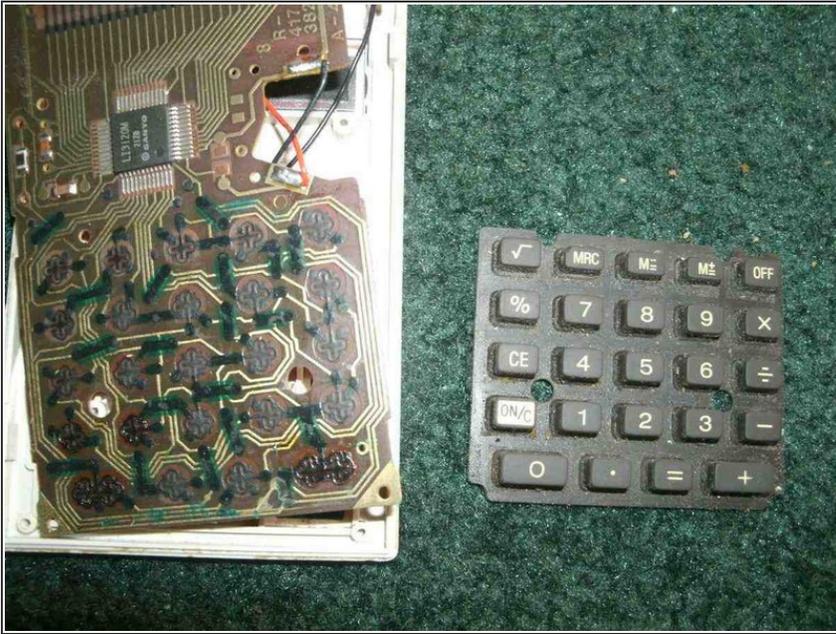
- Remove these two screws from the back of the calculator using a [Phillips #0 Screwdriver](#).

Step 2



- Now that we removed the back of the calculator, here are the battery and the back of the circuit board.
 - Sanyo Tight-Seal Power-Up Sum-3 1.5V AA battery.
 - Positive contact for the battery.
 - Negative contact for the battery.

Step 3



- After removing the seven Phillips screws and flipping the circuit board, you will see the "brain" of the calculator—a Sanyo LI3120M chip.
- The keypad has been removed from the calculator.

Step 4



- Now that we have completed the teardown, we can lay out all the parts of the calculator.
 - The AA battery.
 - Parts of the LCD display.
 - The circuit board.
 - The keypad containing all the buttons of the calculator.
 - The housing for the calculator.