



Cowon iAudio 7 8GB Teardown

A Cowon iAudio7 8GB MP3 player torn apart.

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INTRODUCTION

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TOOLS:

[Pro Tech Toolkit](#) (1)

Step 1 — Cowon iAudio 7 8GB Teardown



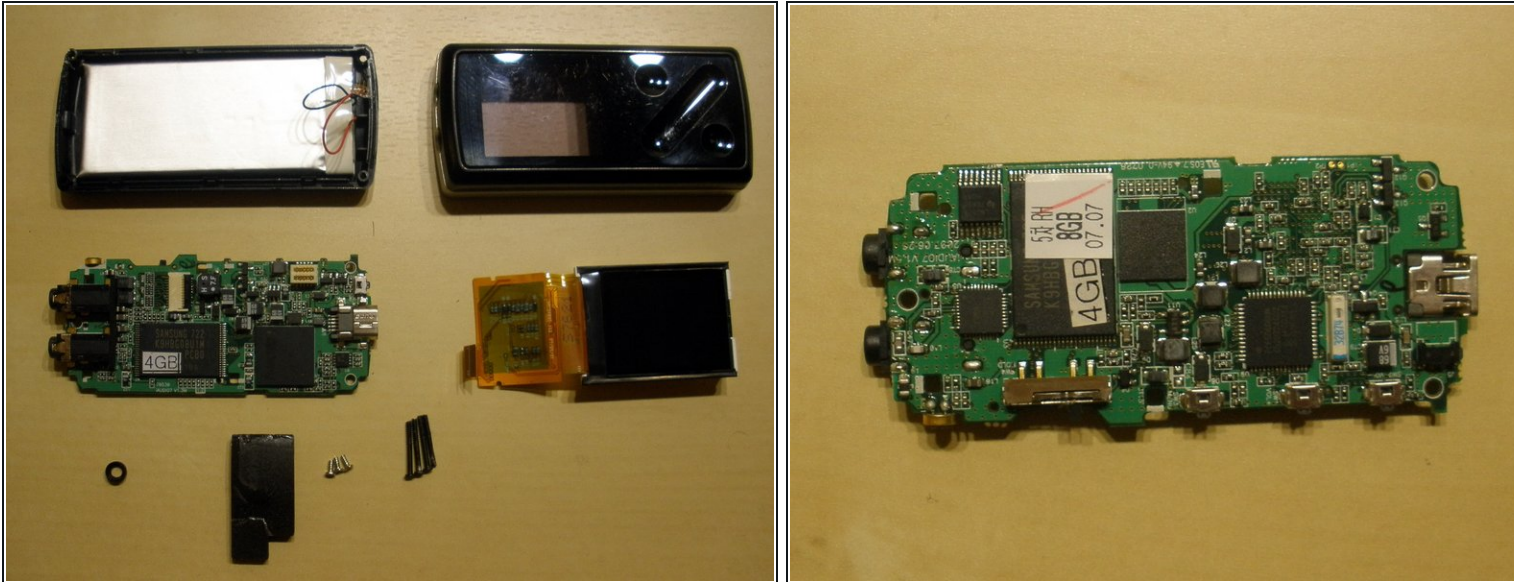
- The device in original condition.

Step 2



- Removed the back of the case and the PCB screws. I had to drill open one of the case screws as it was stuck.

Step 3



- All parts disassembled. Second photo shows back side of the PCB.
- As we can see, the device contains two Samsung 4GB flash chips along with a K4M28163PH-BG75 memory controller.
- A Telechips TCC771L as main CPU.
- A PCF50606HN battery/power management chip.