



Sandisk Sansa m230 Series mp3 player Microphone Replacement

To replace a faulty microphone follow the steps...

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INTRODUCTION

To replace a faulty microphone follow the steps in this guide. This may be your only option if you find yourself unable to make voice recordings anymore with your device.

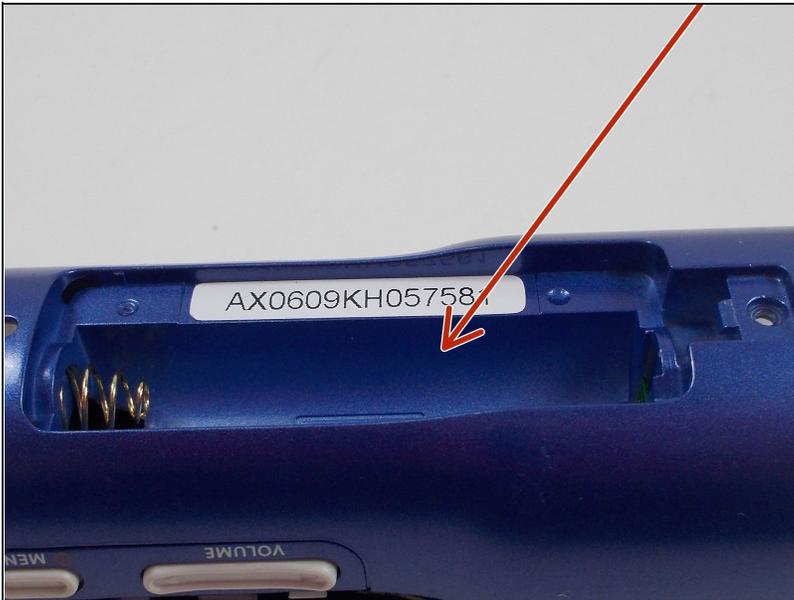
TOOLS:

[Phillips #0 Screwdriver](#) (1)

[Soldering Workstation](#) (1)

[iFixit Opening Tool](#) (1)

Step 1 — Sandisk Sansa m230 Series mp3 player Teardown



- Remove the battery compartment cover.
- Remove the battery.

Step 2



- Locate and remove the screw next to the battery compartment lid.

Step 3



- Locate the interlocking pegs along the seam of the device's casings.
- Gently pry the pegs apart one at a time, working your way around the case.

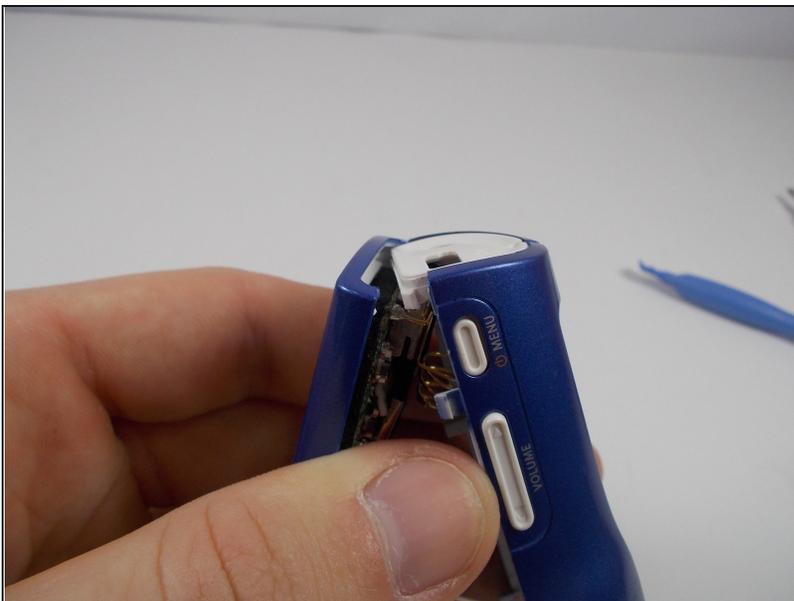
⚠ Be careful when prying apart the pegs: they are made of plastic and may break.

Step 4



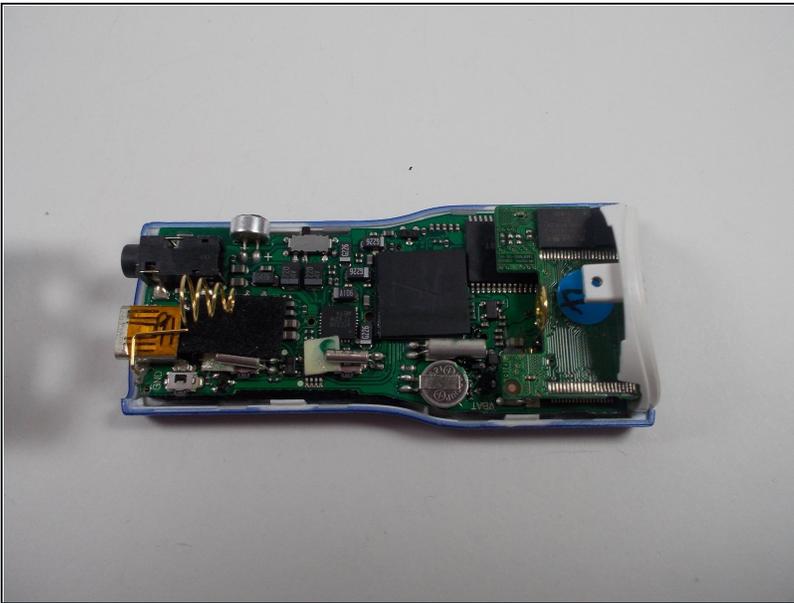
- The battery contact springs may prevent the case from separating.
- Push the battery contact springs down through the hole in the case.

Step 5



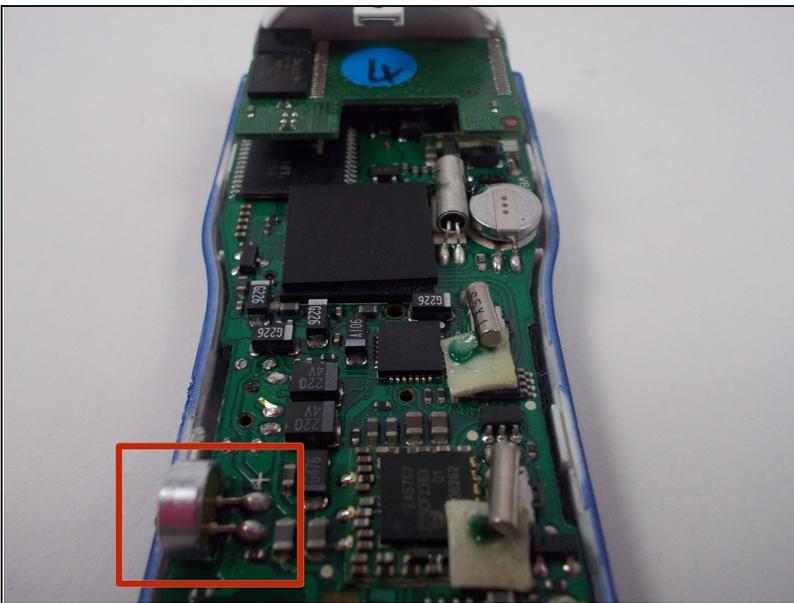
- The casing protecting the USB and headphone jacks must be removed.
- Locate and gently pry apart the two interlocking clips holding it in place.
- The outer casings may now be removed and the MP3 player should separate.

Step 6



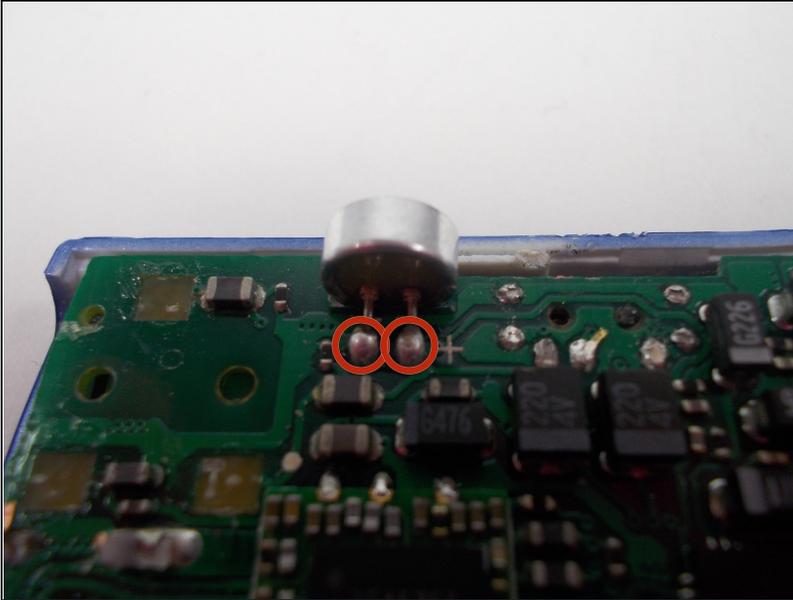
- You now have access to all components found on the inside of the device!

Step 7 — Microphone



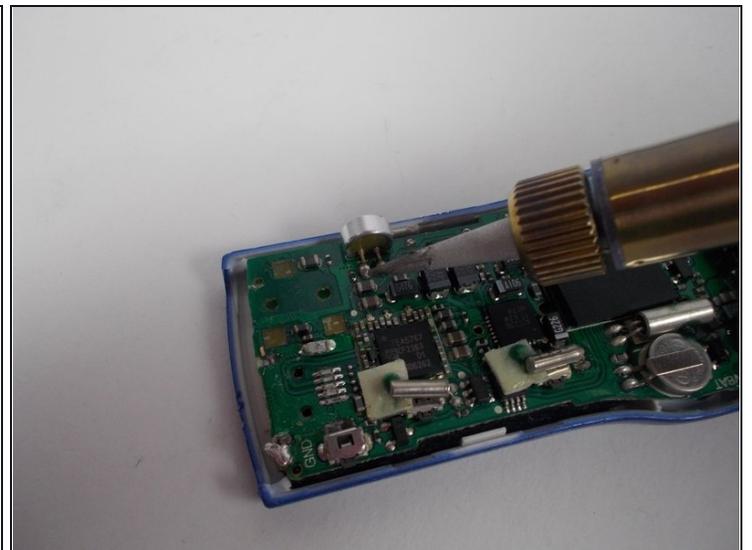
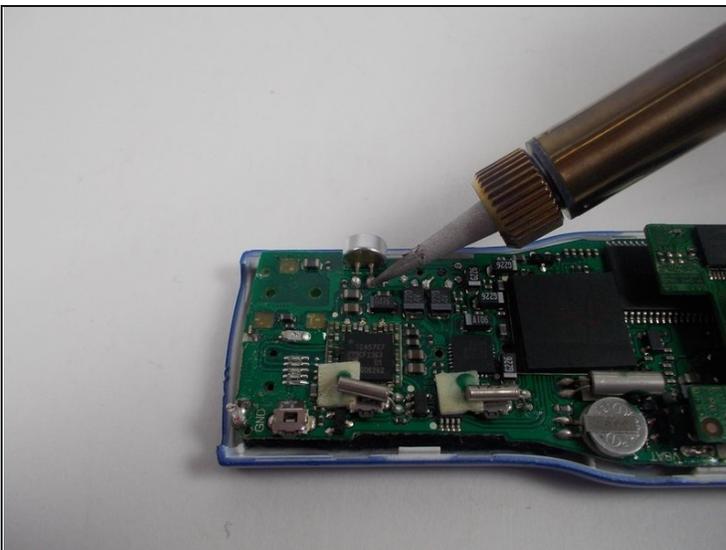
- Locate microphone on motherboard.

Step 8



- Find where microphone is connected to motherboard via solder.

Step 9



- Use the soldering iron to liquefy the solder connecting the microphone to the motherboard.

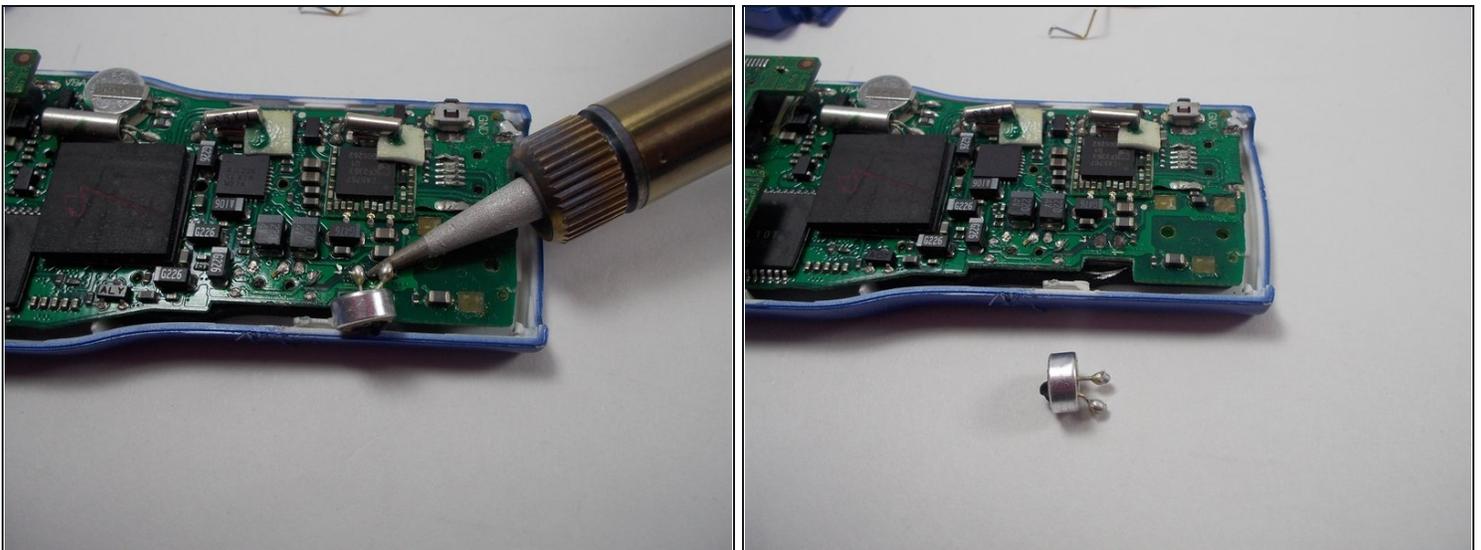
Step 10



⚠ The solder and soldering iron will be very hot at this time. Do not touch unless wearing protective gloves as you will be burnt.

- When not in use, be sure to always elevate the hot end of the soldering iron on a metal stand to prevent incidental burns.

Step 11



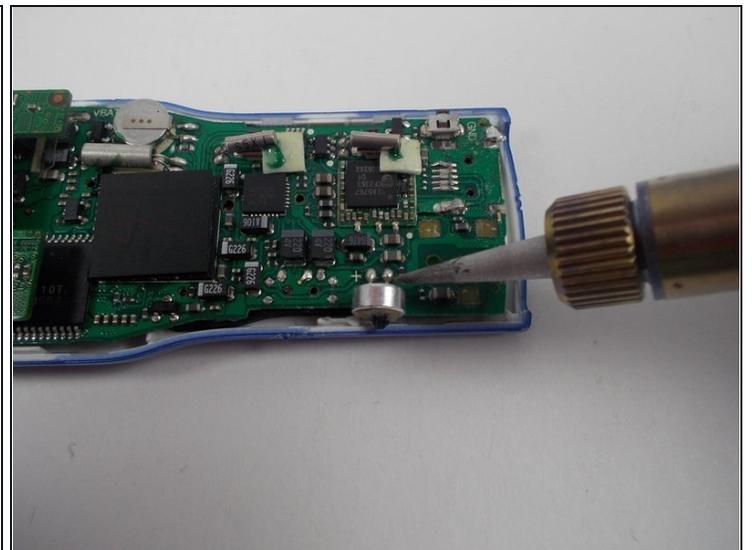
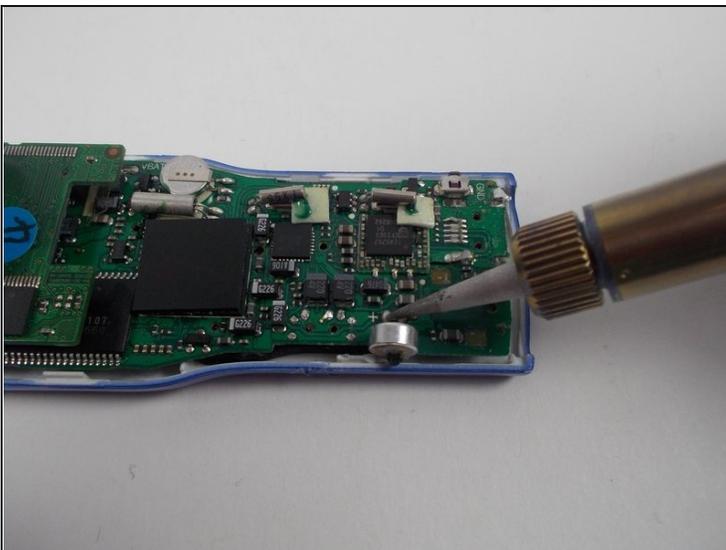
- Remove the faulty microphone as you heat and melt the soldering points.

Step 12



- Replace the faulty microphone with a new one in working order.

Step 13



- With the new microphone in place, use the soldering iron and solder to create a stable connection between the motherboard and microphone.
- Give the new solder time to cool and harden.

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