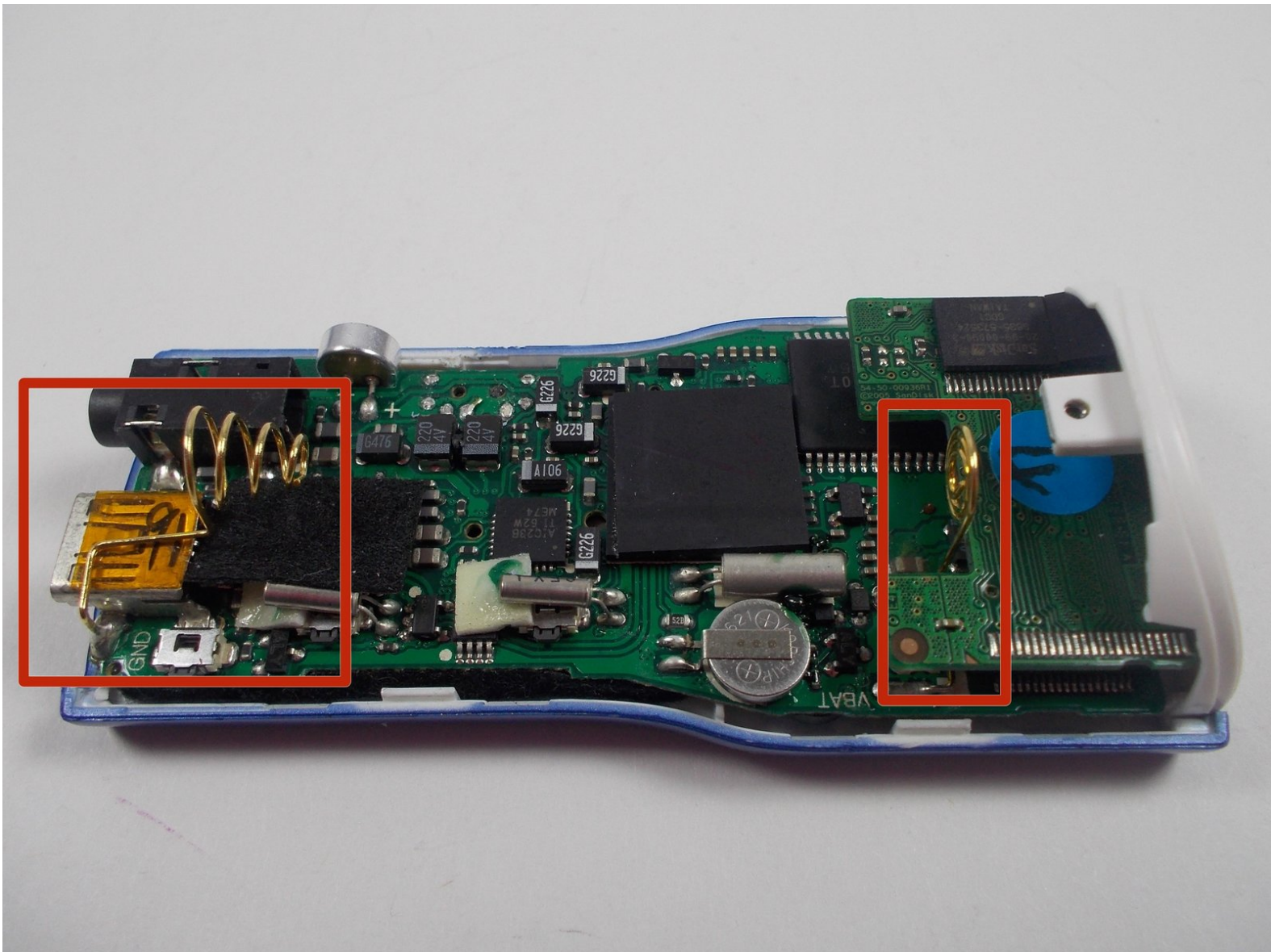




Sandisk Sansa m230 Series mp3 player Battery Spring Contacts Replacement

Device won't power on? There could be a problem preventing your device from drawing power from the battery. Use this guide to fix such a problem.

Written By: James Thorne



INTRODUCTION

With this guide you will learn how to replace faulty battery spring contacts that may have been disconnected from motherboard or corroded by and exploding battery.

TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [Soldering Workstation](#) (1)
 - [iFixit Opening Tools](#) (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



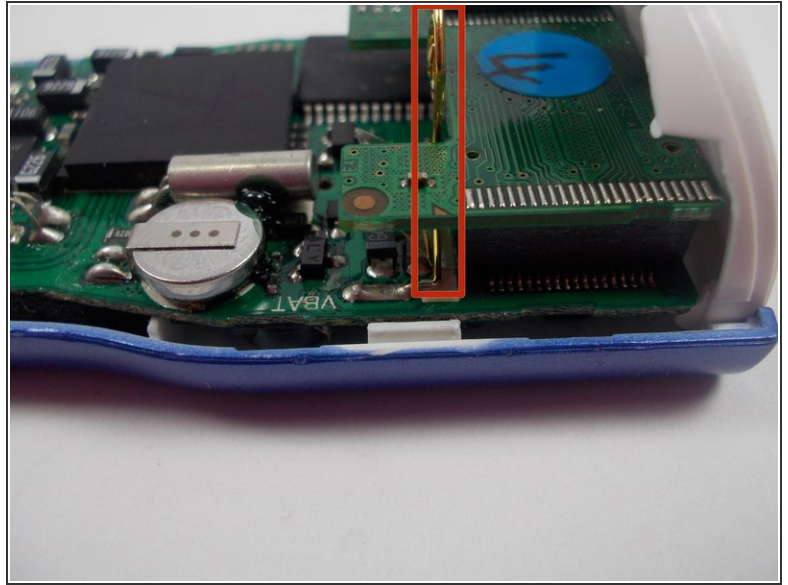
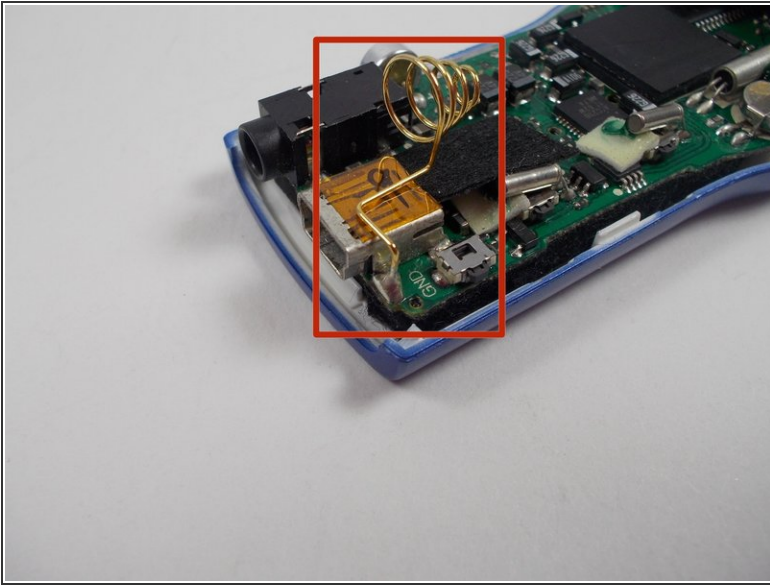
- The casing protecting the USB and headphone jacks must be removed.
- Locate and gently pry apart the two interlocking clips holding it in place.
- The outer casings may now be removed and the MP3 player should separate.

Step 6



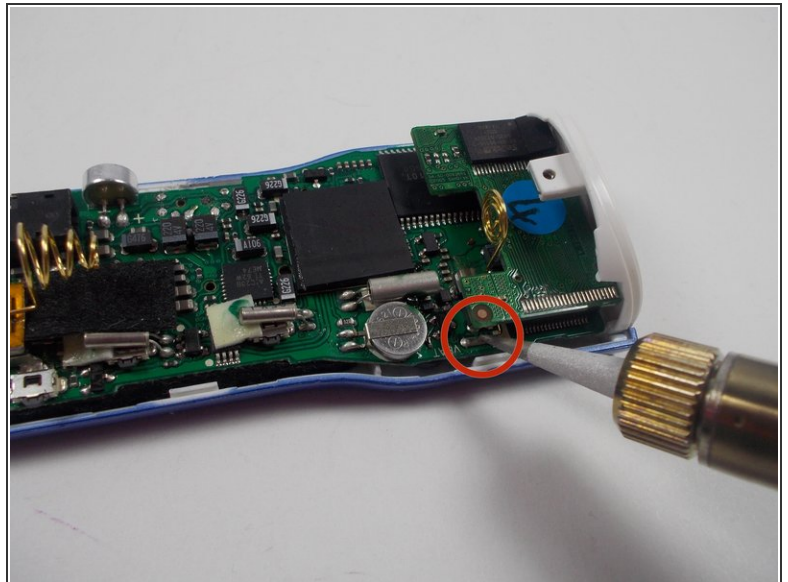
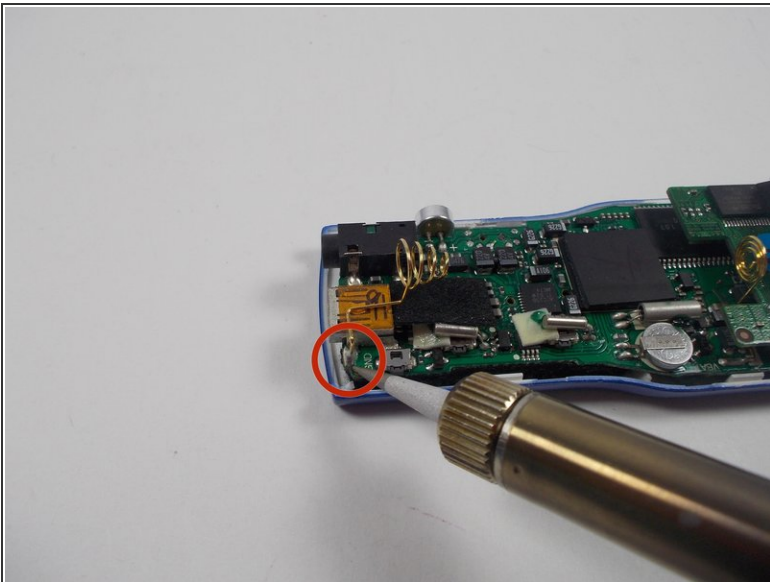
- You now have access to all components found on the inside of the device!

Step 7 — Battery Spring Contacts



- Locate both battery spring contacts, if necessary, on the motherboard.

Step 8



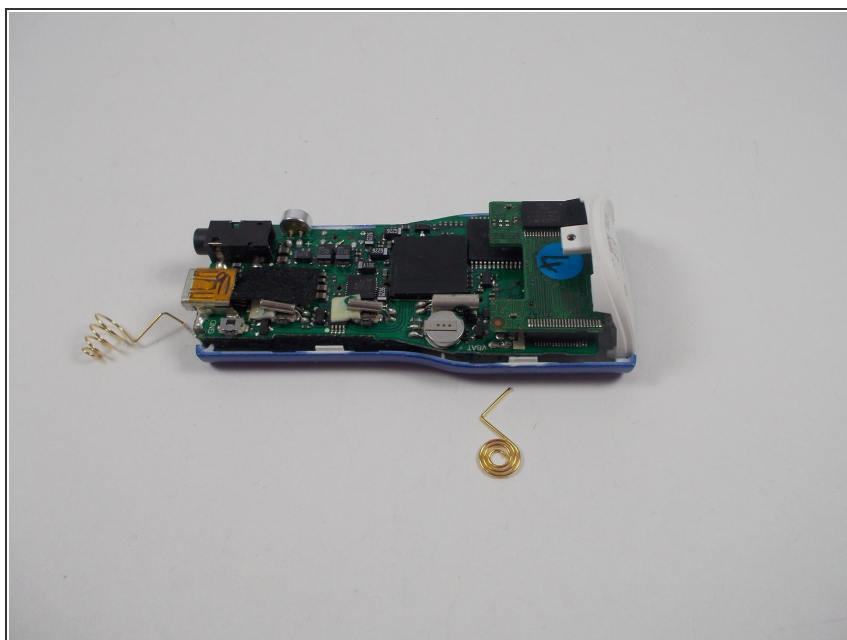
- Apply heated soldering iron to points where the contacts are soldered to the motherboard.

Step 9



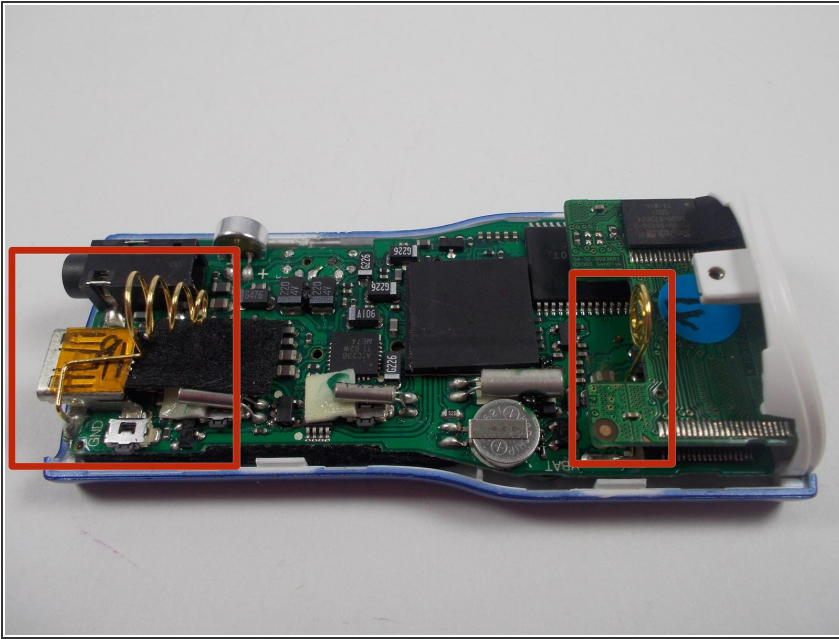
- ⚠ Soldering irons, when heated, are very hot and can potentially burn the user.
- Be sure to always elevate the hot end of the soldering iron on a metal stand to prevent incidental burns.

Step 10



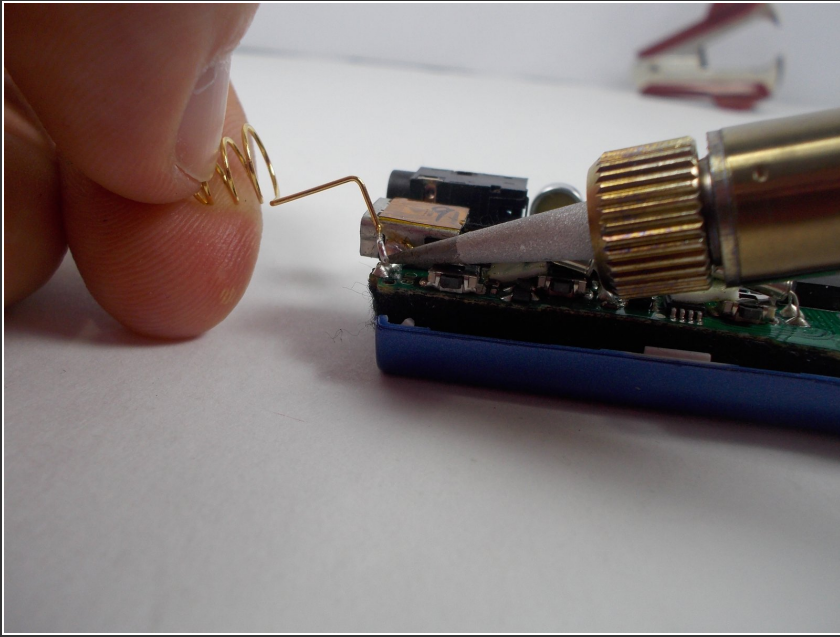
- With solder melted, remove battery spring contacts from the motherboard.

Step 11



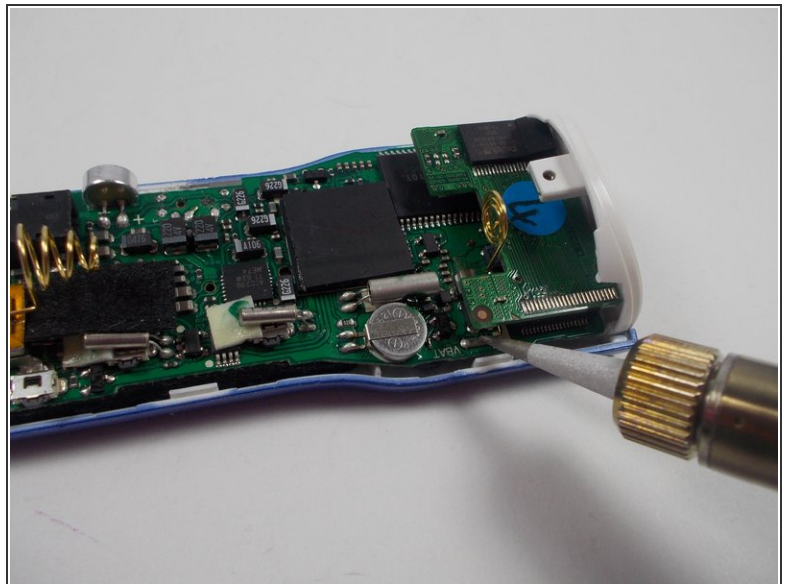
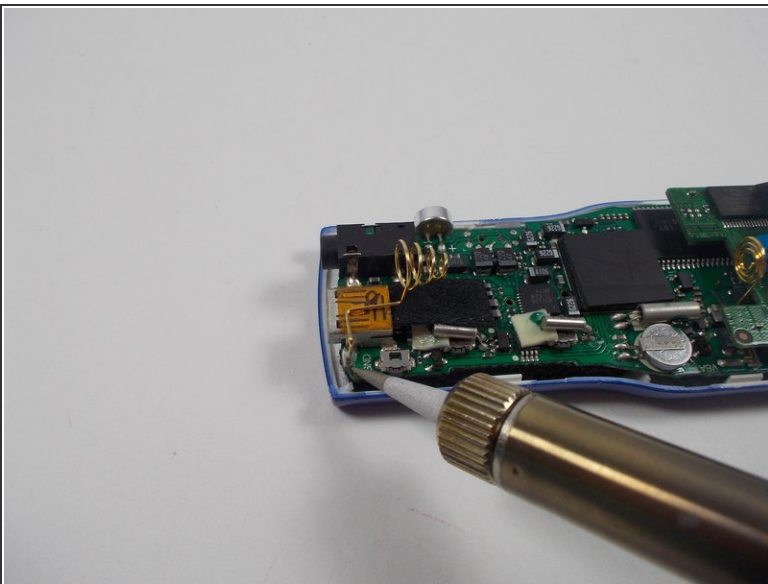
- Replace spring contacts with new ones.

Step 12



- ⓘ There may be some solder in the way of the spring contacts' metal contacts. If this occurs simply melt the solder to create room for the contacts.

Step 13



- With the new battery spring contacts in place, use the soldering iron to apply new solder to the connection points.
- Be sure to allow the new solder to cool and harden.

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