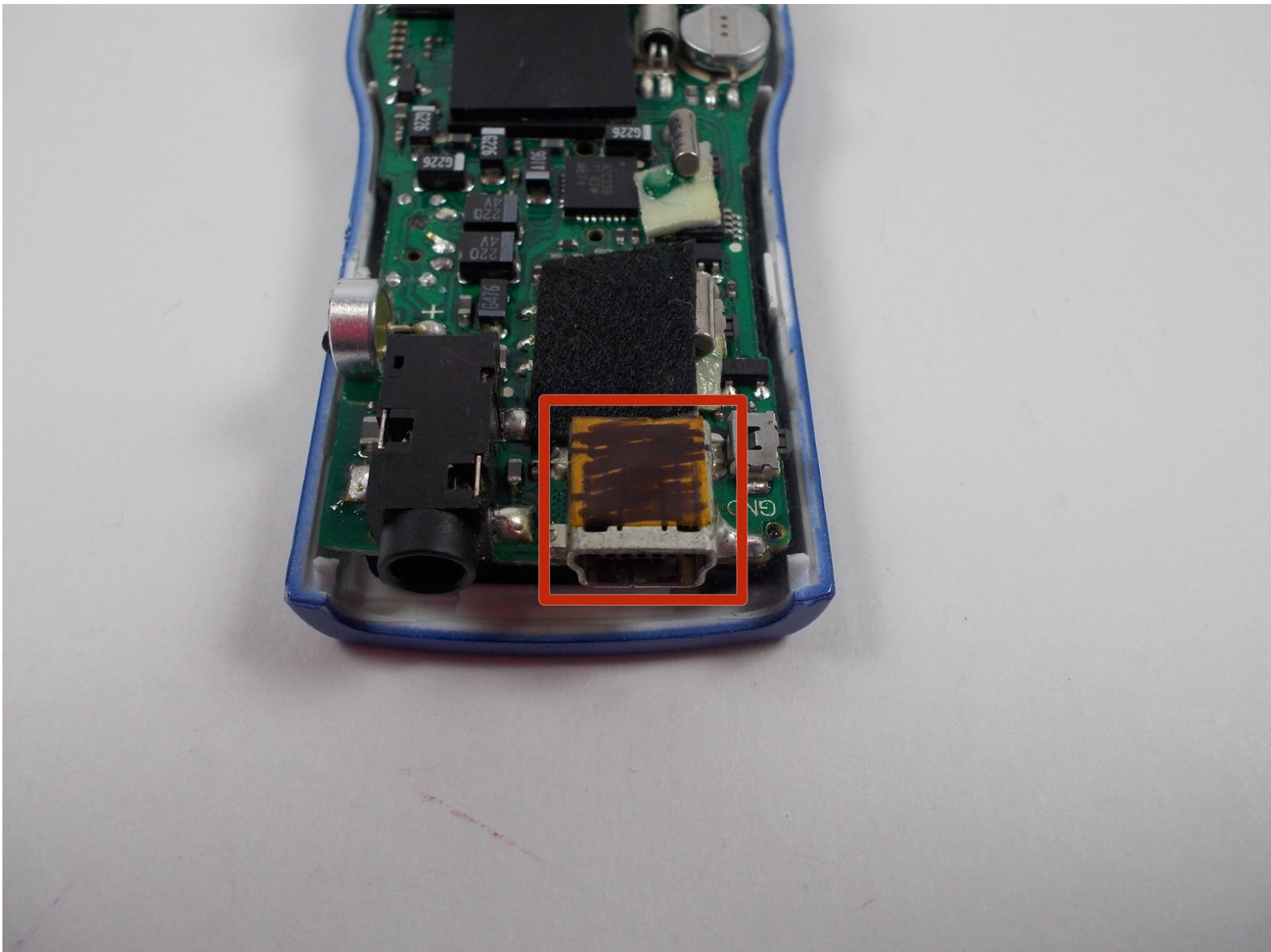




Sandisk Sansa m230 Series mp3 player USB Jack Replacement

Is your device not connecting to your music library/computer properly? There likely is an issue with your USB jack. Follow this guide to fix such an issue.

Written By: James Thorne



INTRODUCTION

This guide can help those that are experiencing difficulty with connecting their device to a computer via a USB cable.



TOOLS:

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



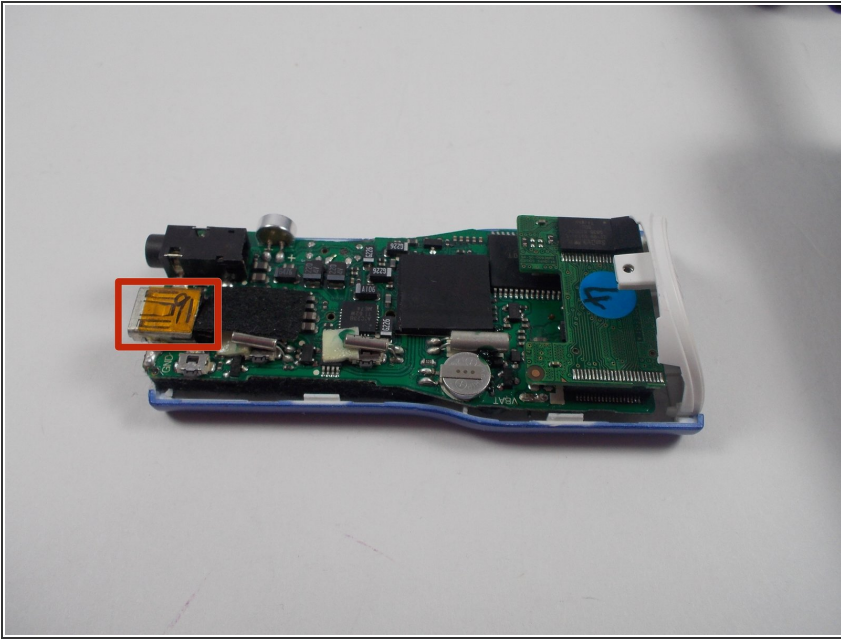
- The casing protecting the USB and headphone jacks must be removed.
- Locate and gently pry apart the two interlocking clips holding it in place.
- The outer casings may now be removed and the MP3 player should separate.

Step 6



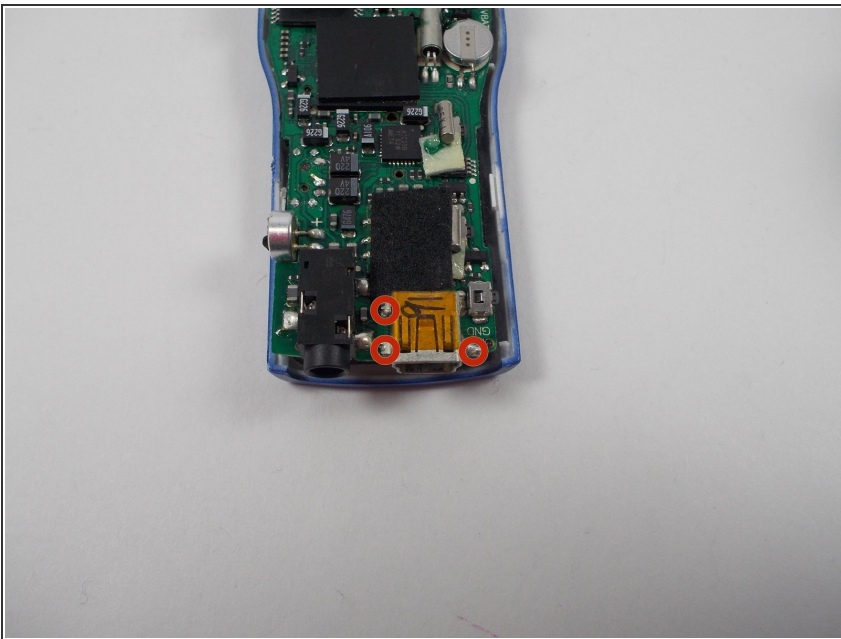
- You now have access to all components found on the inside of the device!

Step 7 — USB Jack



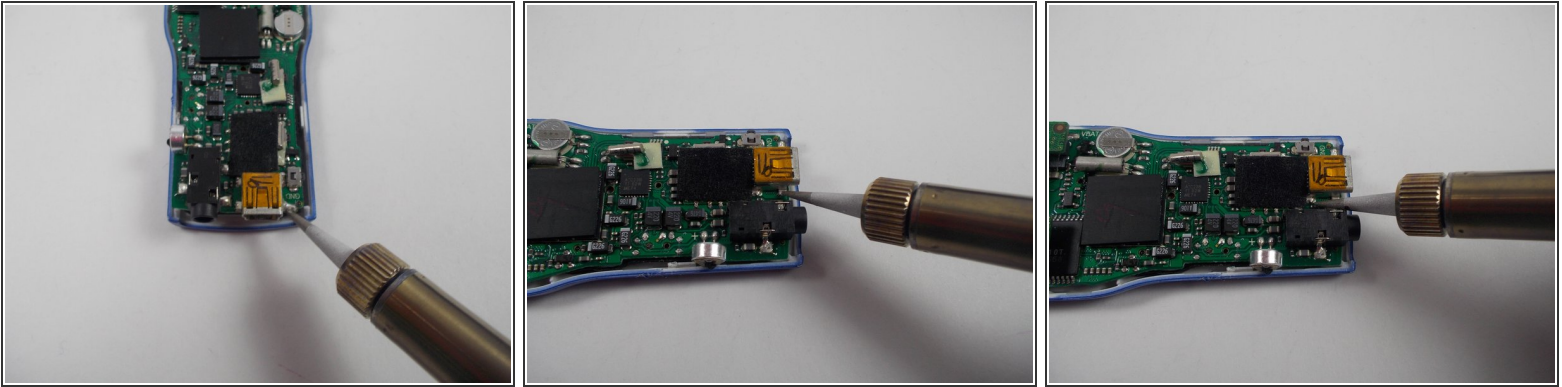
- Locate USB jack on the motherboard.

Step 8



- Find the soldered connections shared between the USB jack and the motherboard.

Step 9



- Use the soldering iron to liquefy the solder connecting the USB Jack to the motherboard.

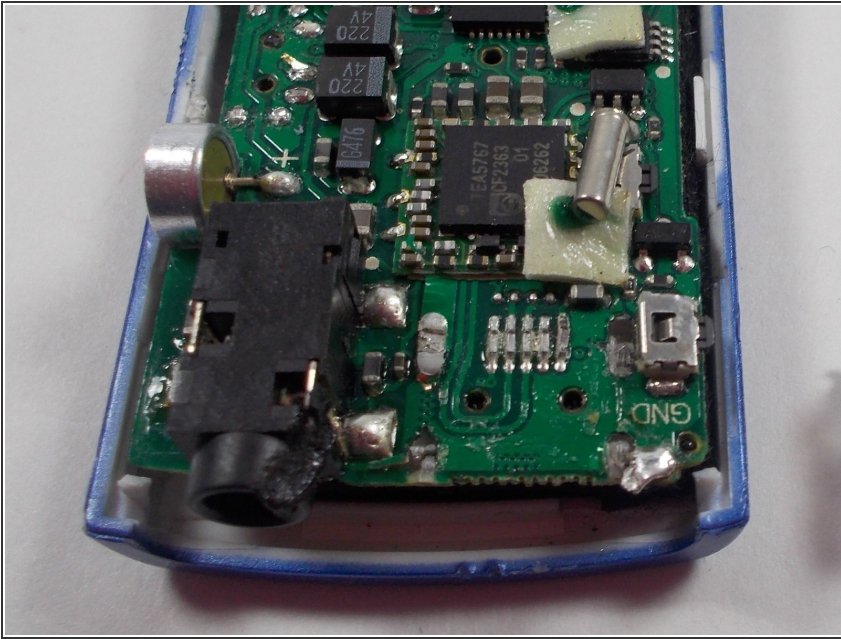
Step 10



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

- Be sure to always elevate the hot end of the soldering iron on a metal stand to prevent incidental burns.

Step 11



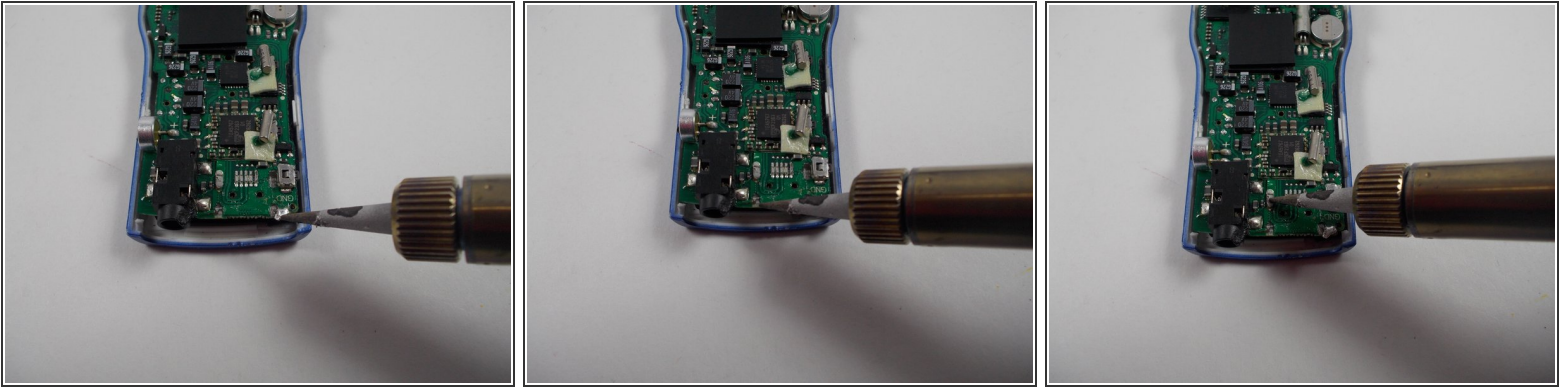
- Remove faulty USB jack from motherboard.

Step 12



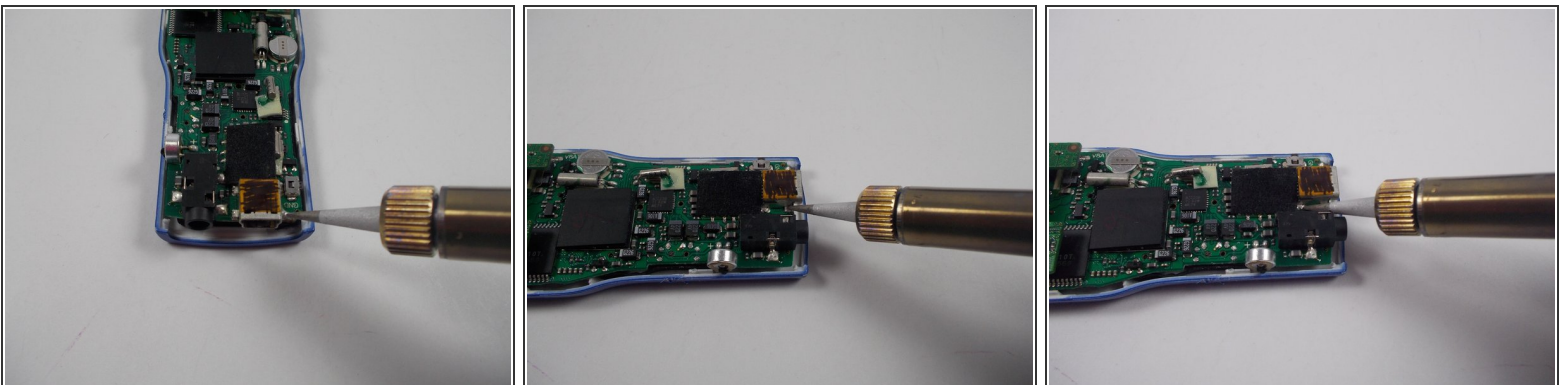
- Replace faulty USB jack with a new one.

Step 13



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

Step 14



- With the new USB jack in place, use the soldering iron and solder to create a stable connection between the motherboard and USB jack.
- Be sure to allow the new solder to cool and harden.

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