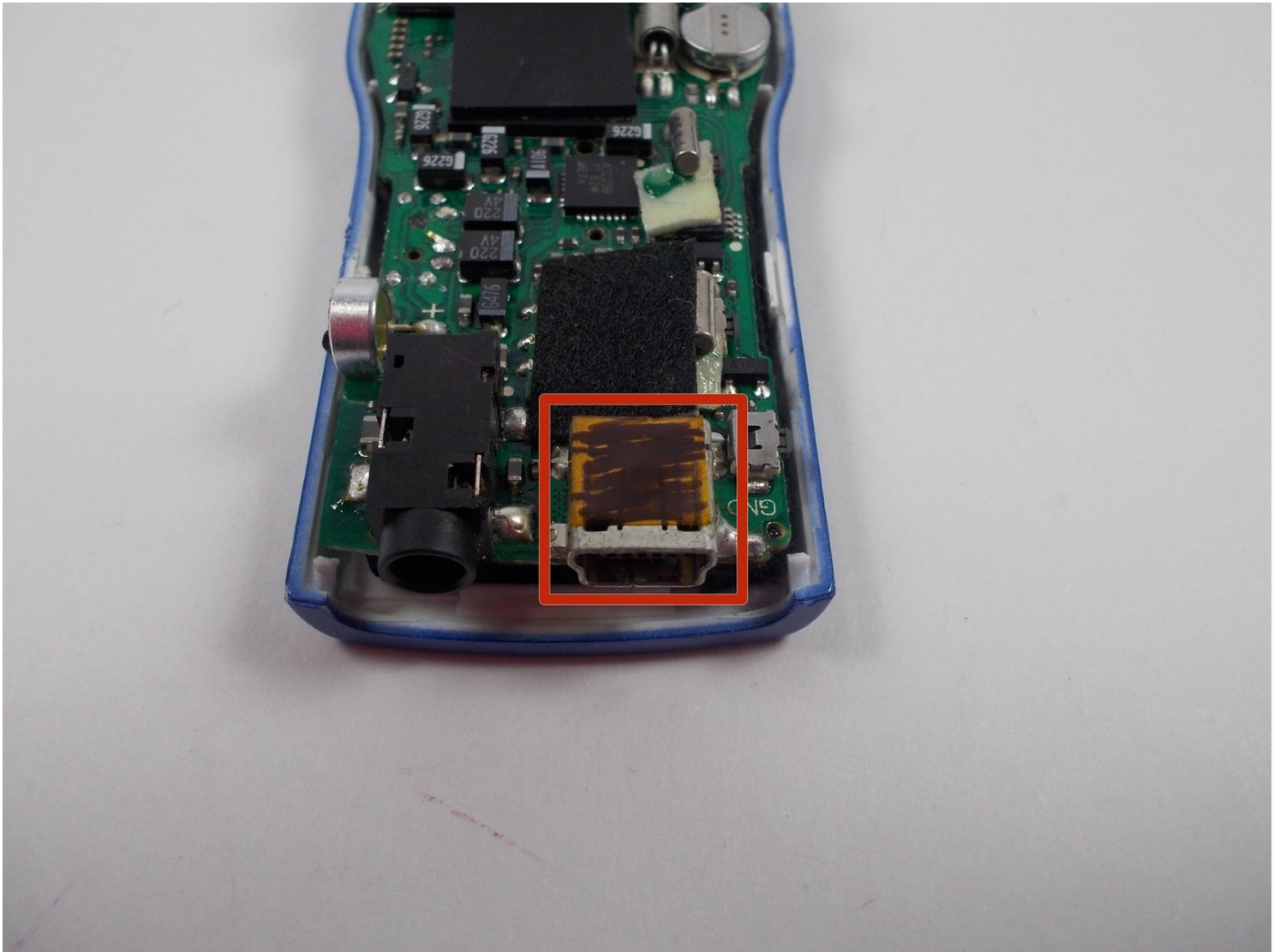# Sandisk Sansa m230 Series mp3 player USB Jack Replacement

This guide can help those that are experiencing...

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.
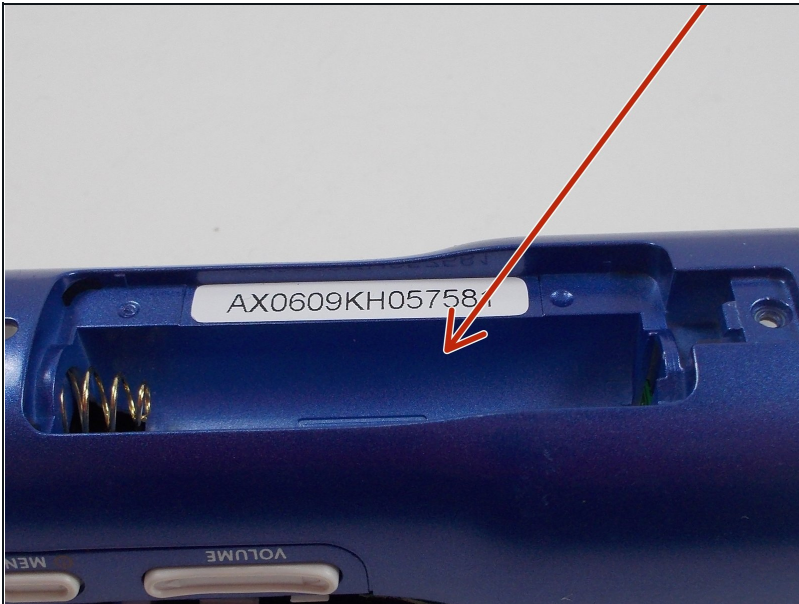

🔧 TOOLS:

Phillips #0 Screwdriver (1)
Soldering Workstation (1)
iFixit Opening 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.

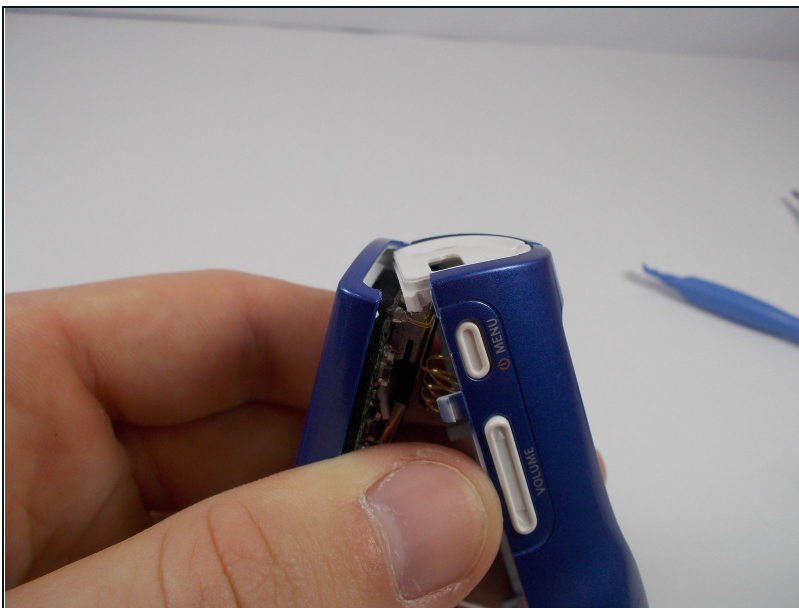- Gently pry the pegs apart one at a time, working your way around the case.

⚠ 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.

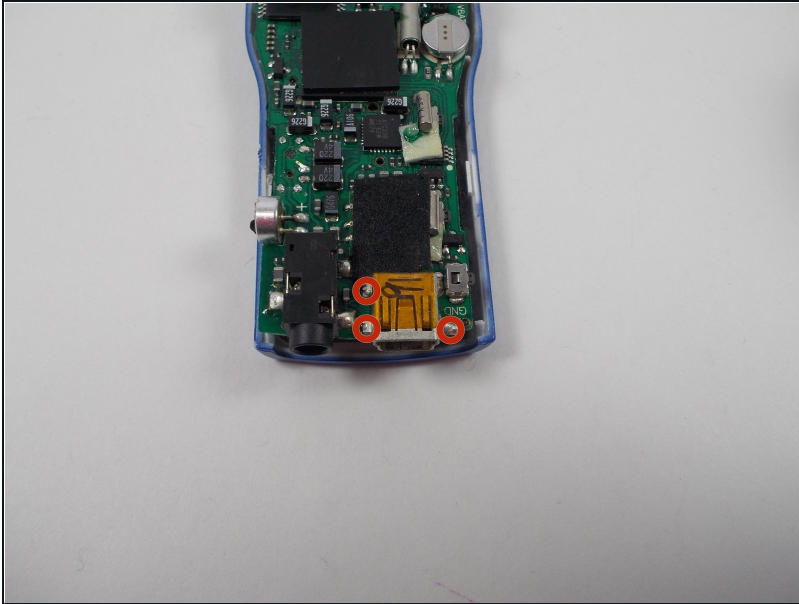- The outer casings may now be removed and the MP3 player should separate.

Step 6
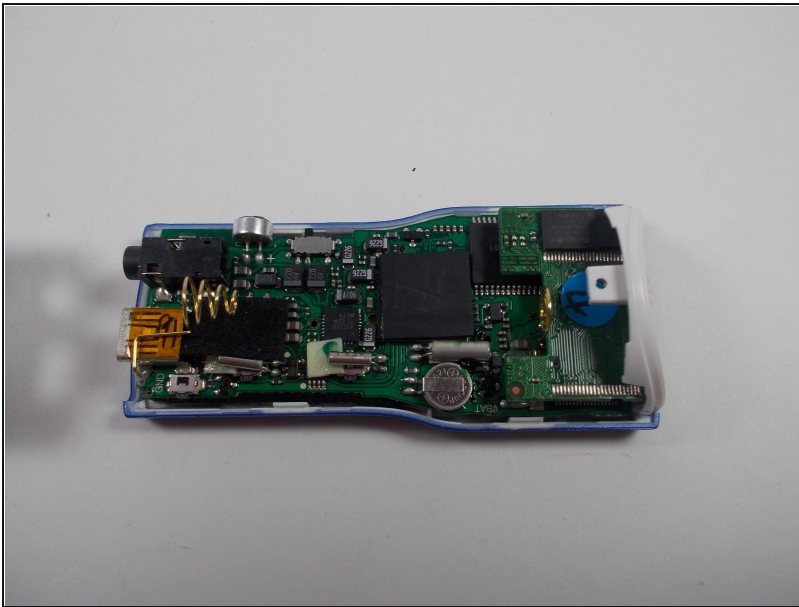
- You now have access to all components found on the inside of the device!
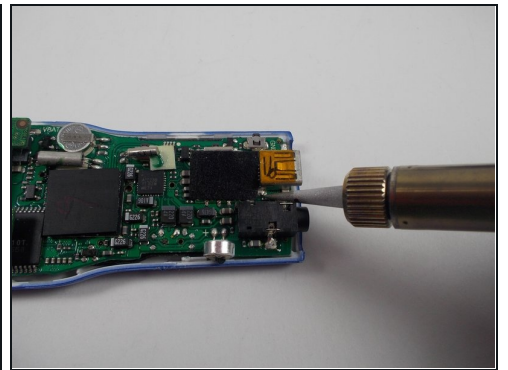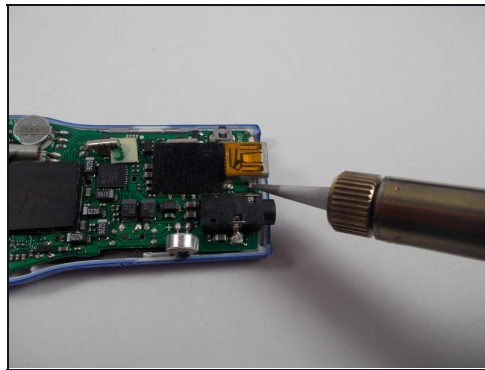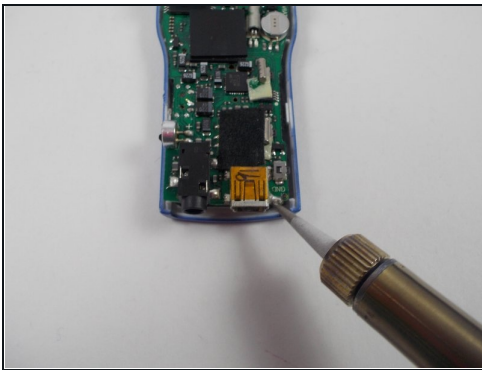
Step 7 — USB Jack
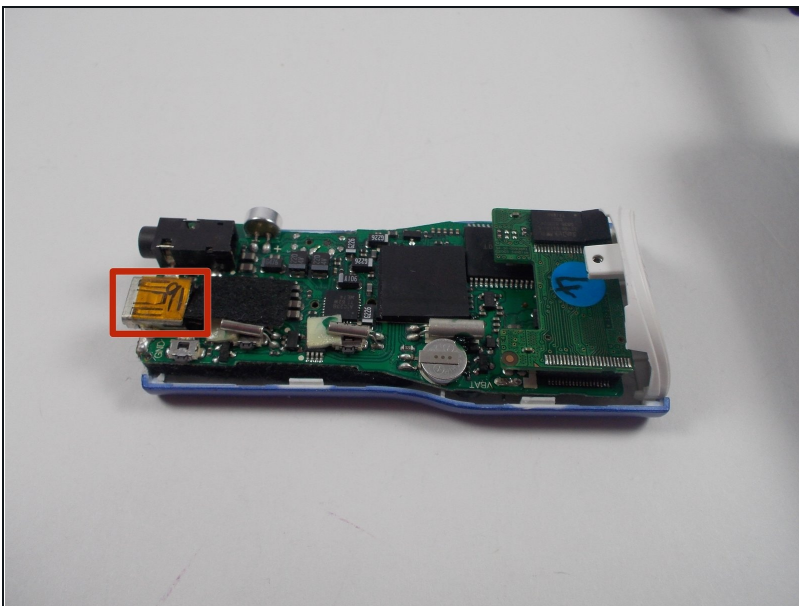
- Locate USB jack on the motherboard.

Step 8

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

Step 9

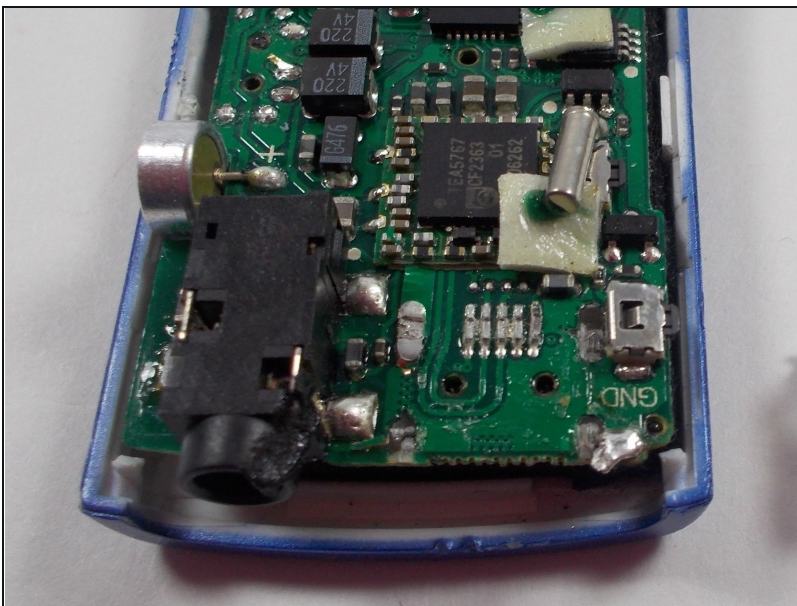- Use the soldering iron to liquefy the solder connecting the USB Jack to the motherboard.

Step 10

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

Step 11
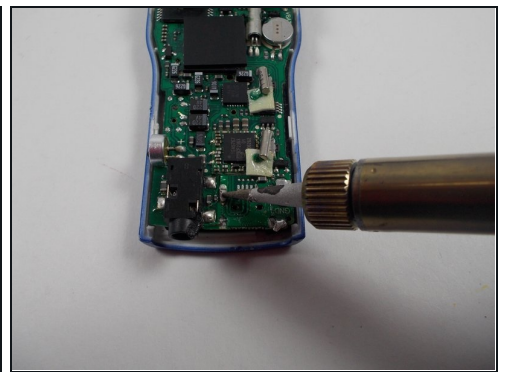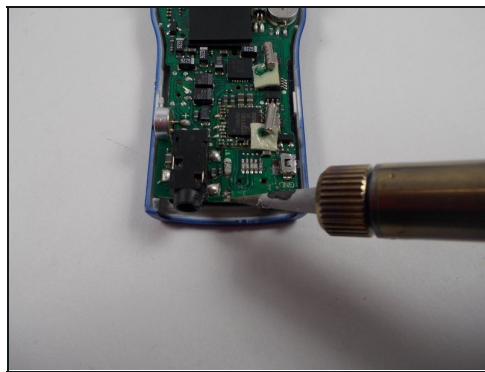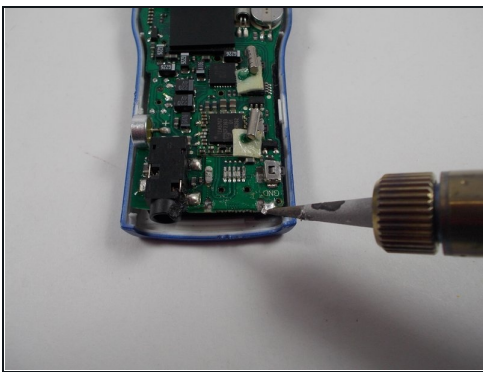

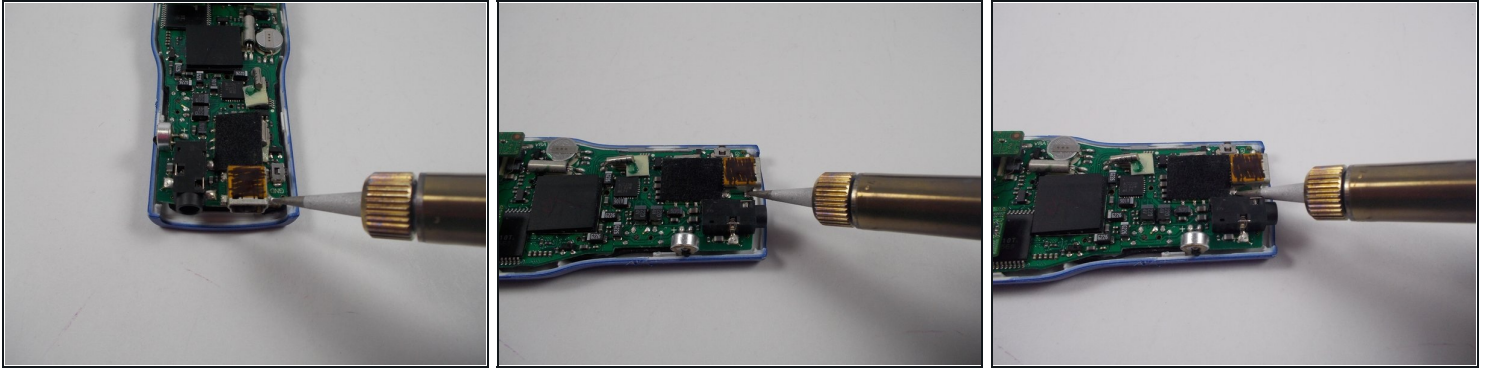- Remove faulty USB jack from motherboard.

Step 12

- Replace faulty USB jack with a new one.

Step 13

(i) 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.