



# Ducky One 2 Mini Cherry MX Switch Replacement

In this guide I want to show you guys how to...

Written By: Adnan Khan



# INTRODUCTION

In this guide I want to show you guys how to change the keyboard switches in your Ducky One 2 Mini. This is for those beginning to enter the PC world and want to customize your switches or replace them with different ones. Before you proceed, it is recommended that you have a little experience with repairs and disassembly. Although you don't need to have prior experience with hardware repair, you should have the basic knowledge and understanding of soldering. If you would like to learn how to solder click [here](#).

---

## TOOLS:

[Lead-Free Solder](#) (1)

[Keycap Puller](#) (1)

[Soldering Iron 60w Hakko 503F](#) (1)

[Desoldering Pump](#) (1)

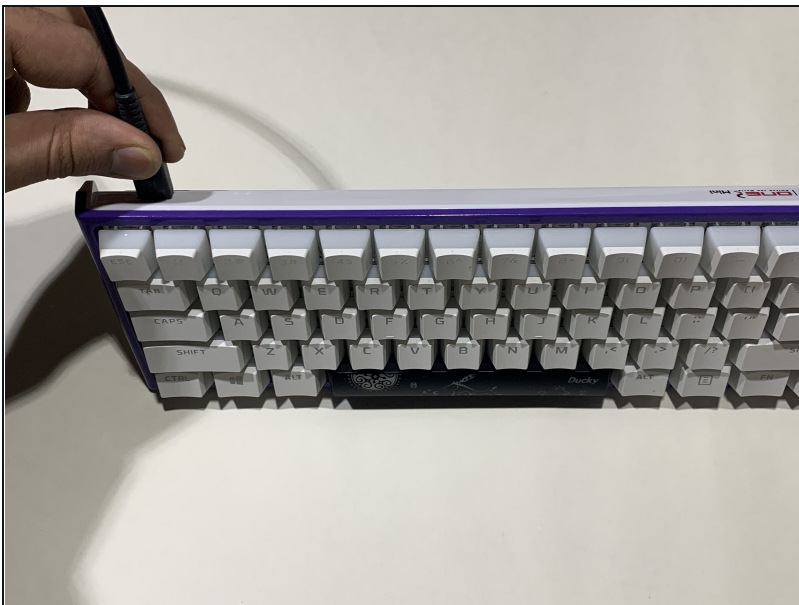
[Switch Puller](#) (1)

*Used to remove the key switches*

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

---

## Step 1 — Cherry MX Switch



- Unplug and remove the USB Type C connector from the keyboard.

## Step 2



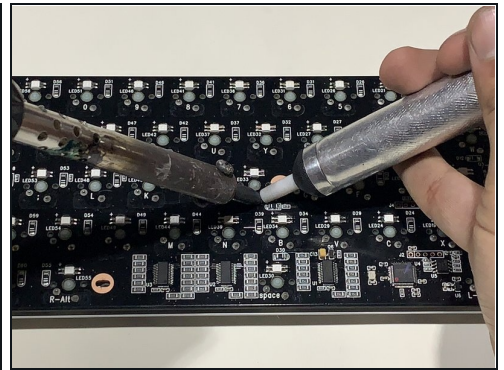
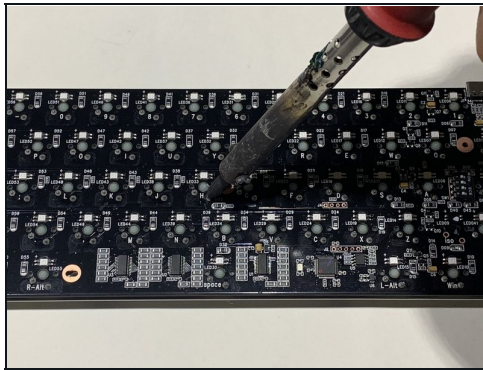
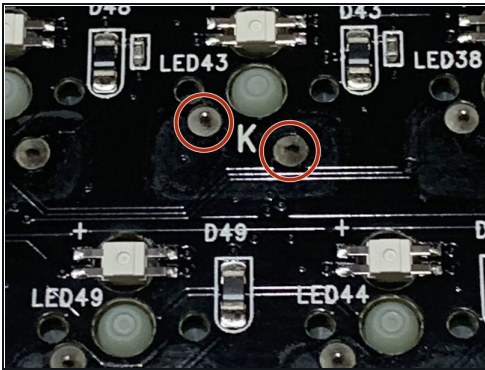
- Place the keycap puller over the key you want to remove and push down until you hear a click from the key.
  - Use your opposite hand to hold the keyboard down and pull up with the key puller.
  - Pull the cap with a small amount of force until the keycap is removed. Do this until all keys are removed.
- ① Place all caps in a safe location to avoid any missing caps.

## Step 3



- Once all caps are separated from the keyboard, you should find six Phillips #00 screws.
  - Use the Phillips #00 screwdriver to remove all six 2.00 mm screws from the board and place them somewhere safe.
  - Separate the board from the base.
- ① Remember to clean out the base of the keyboard.

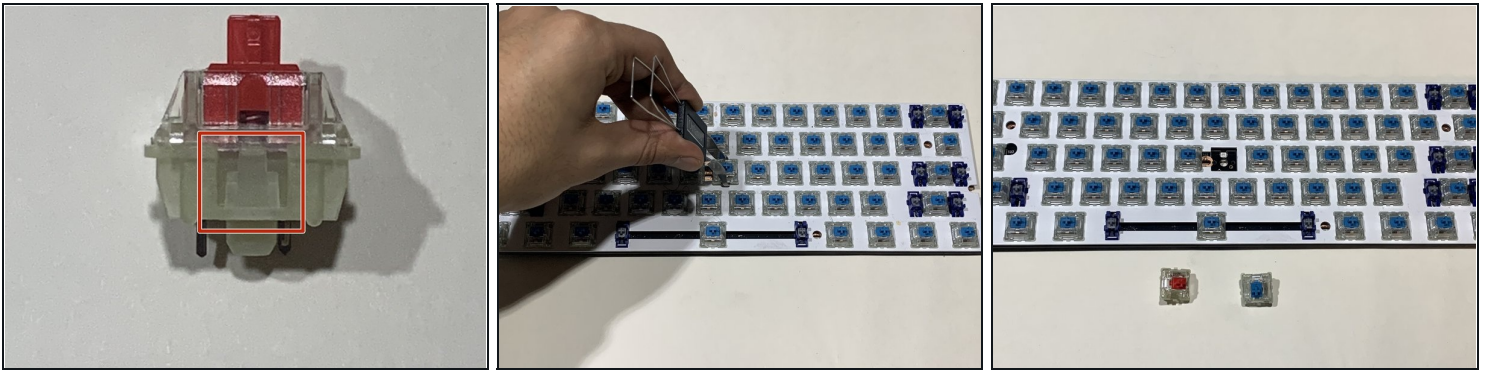
## Step 4



- Flip the board over and you will notice two soldered pins near each letter on the keyboard.
  - Hold the soldering iron on the pins for a few seconds and remove with the [de-soldering pump](#).
  - ① Once both the pins are clear of solder, the pins should move freely in the slots.
- ⚠ When heating the soldered pins, do not let the iron touch the board to avoid any damage.
- ⚠ Do Not Touch the neck of the solder iron when plugged in to avoid any harm.



## Step 5



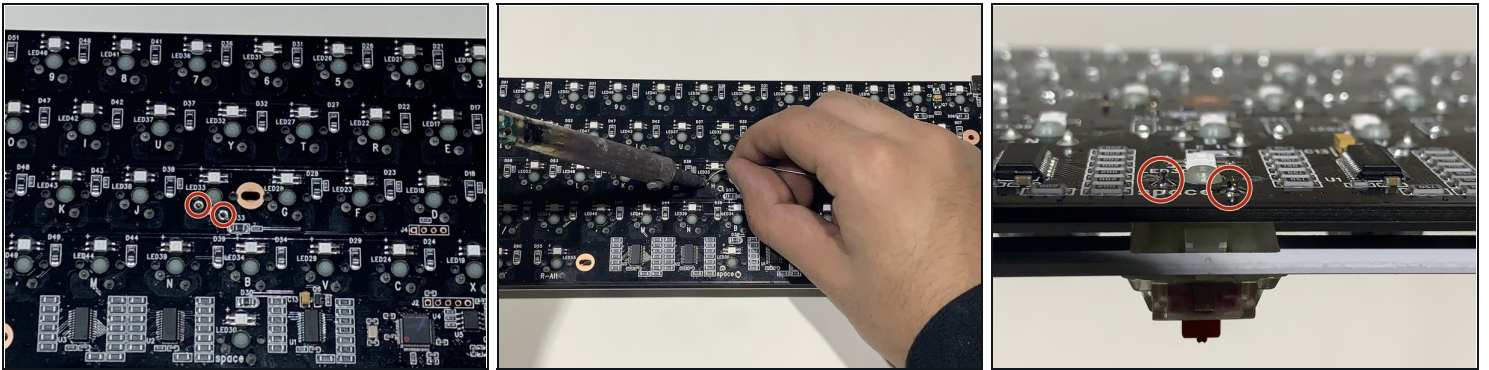
- Once both pins are removed, flip the board over again.
  - Use the switch puller, place the tool vertically over the switch. You will notice two tabs on the switches, push the tabs inwards.
  - With the tabs pushed in, pull the switch puller up and the switch should separate from the board.
- ① The switch puller should be vertical because the two tabs on the switch are placed on the top and bottom.

## Step 6



- To place the new switch into the board, line up the two pins on the switch with the slots on the board and push down on it until you hear a "click" sound.
  - Repeat steps 4-6 until all switches are replaced.
- ① Please keep the switches safe and do not let the pins bend to avoid damage.

## Step 7



- Flip the board over and you will see the two pins inside the slots for the letters.
- Use the soldering iron to solder the pins to the slots on the board until the pins are covered in solder.
- ① Repeat for the second pin on the switch and until all the switches are soldered to the board.
- ☑ Once all switches are replaced repeat Steps 1 and 2 in reverse order.

---

You should now have the same keyboard you originally had but with new switches! Thank you for following my guide and I hope you are satisfied with your new keyboard.