



Keychron Q1 Version 2 Keyboard User Guide

[Home](#) » [Keychron](#) » Keychron Q1 Version 2 Keyboard User Guide 

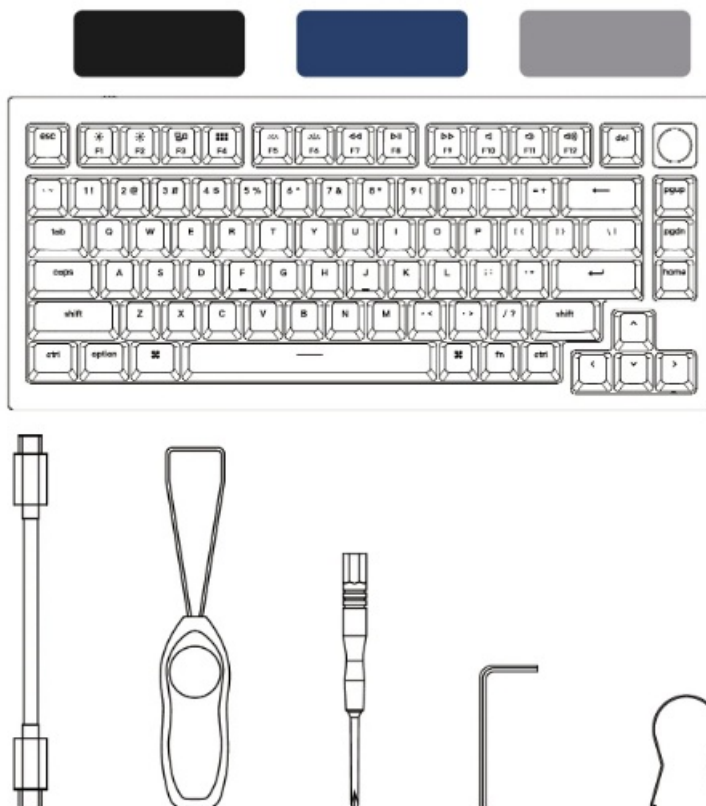
Contents

- 1 Keychron Q1 Version 2 Keyboard User Guide
- 2 Fully Assembled Version
- 3 Barebone Version
- 4 QUICK START GUIDE
 - 4.1 1. Switch To The Right System
 - 4.2 2. The VIA Key Remapping Software
 - 4.3 3. The Layers
 - 4.4 4. The Backlight
 - 4.5 5. Adjust The Backlight Brightness
- 5 6. Warranty
 - 5.1 7. Watch The Building Tutorial On Our Website
 - 5.2 8. Factory Reset
- 6 Q1 CUSTOMIZABLE KEYBOARD SPECIFICATIONS
- 7 Q1 MECHANICAL KEYBOARD OVERVIEW
- 8 DEFAULT KEY LAYOUT:
- 9 KEY DESCRIPTION
- 10 Keychron Q1 Keycap Size
- 11 Q1 Keyboard Plate File
- 12 How to Factory Reset Your Keychron Q1
 - 12.1 Keychron Q1
 - 12.2 Keychron Q1 Version 2
 - 12.3 Keychron Q1 Japan JIS Version
 - 12.4 QMK Toolbox
 - 12.5 Keychron Q1
 - 12.6 Keychron Q1 Version 2
- 13 The Key Combinations Table Of Keychron Q1
- 14 Read More About....
- 15 Download
- 16 Related Posts



Q1 CUSTOMIZABLE KEYBOARD USER MANUAL

Fully Assembled Version



Keyboard

- 1x Fully Assembled Keyboard

Including

- 1x Aluminum Case (ANSI)
- 1x PCB (ANSI)
- 1x Steel Plate
- 1x Sound Absorbing Foam
- 1x Case Foam

- 16x Gaskets (8 Installed and 8 in the Box)
- 4 sets x Stabilizers
- 1 set x Keycaps
- 1 set x Switches (Gateron G Pro)

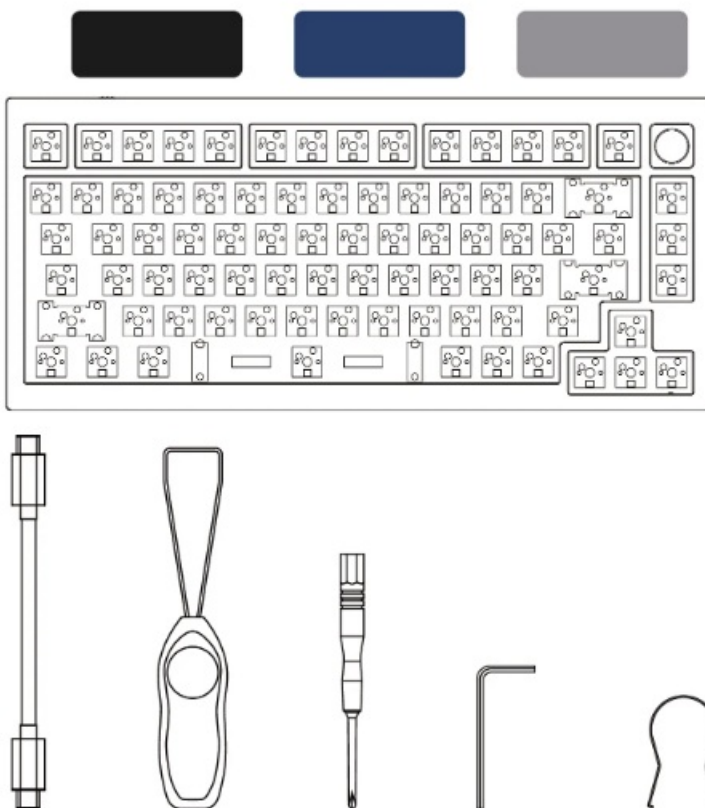
Cable

- 1x Type-C to Type-C Cable
- 1x Type-A to Type-C Adapter

Tools

- 1x Switch Puller
- 1x Keycap Puller
- 1x Screwdriver
- 1x Hex Key

Barebone Version



Keyboard Kit

- 1x Keyboard Kit (Without Keycaps & Switches)

Including

- 1x Aluminum Case

- 1x PCB
- 1x Steel Plate
- 1x Sound Absorbing Foam
- 1x Case Foam
- 12x Gaskets (8 Installed and 4 in the Box)
- 4 sets x Stabilizers

Cable

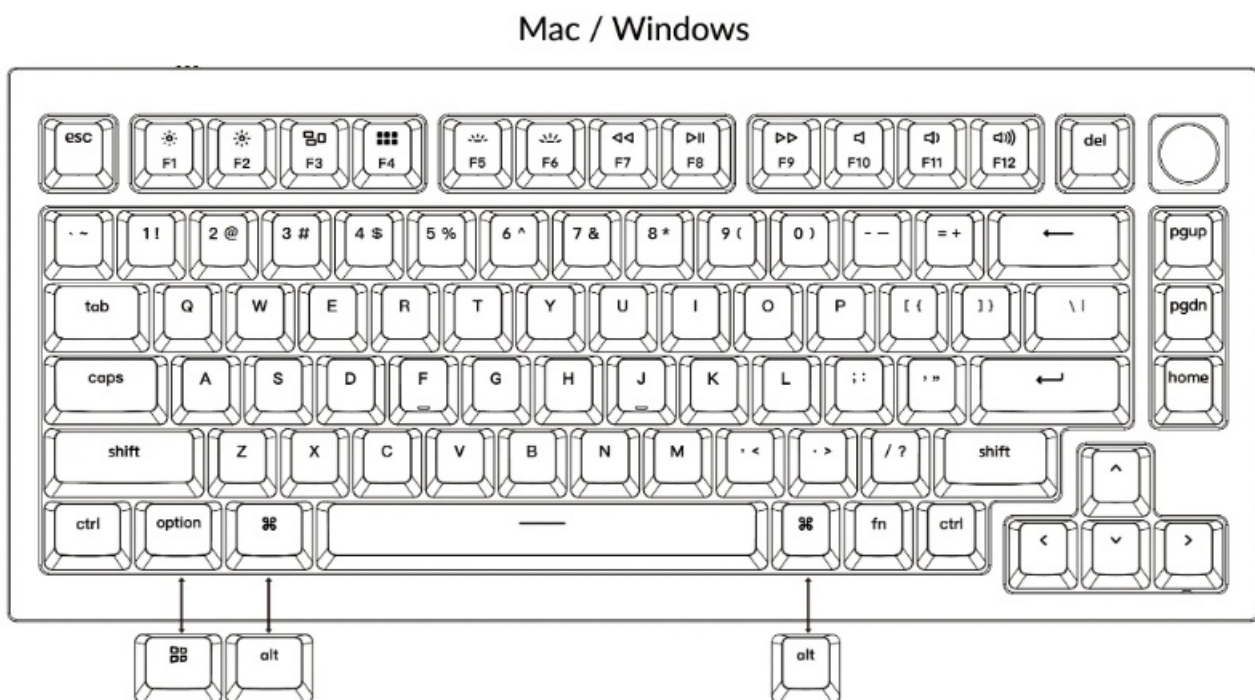
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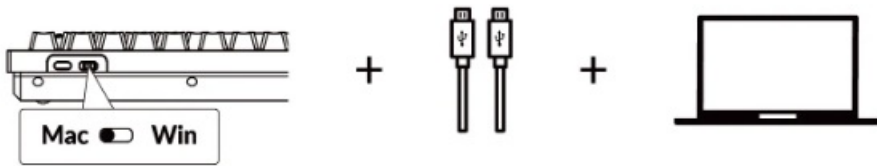
QUICK START GUIDE

If you are a Windows user, please find the appropriate keycaps in the box, then follow the instructions below to find and replace the following keycaps.



1. Switch To The Right System

Please make sure the system toggle on the top left corner has been switched to the same system as your computer's operating system.



2. The VIA Key Remapping Software

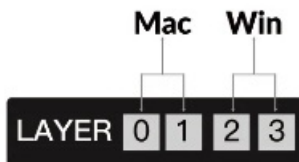
Please visit caniusevia.com to download the latest VIA software to remap the keys.

If the VIA software cannot recognize your keyboard, please reach out to our support to get the instruction

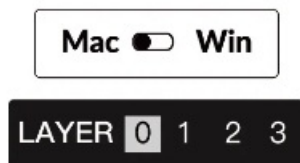


3. The Layers

There are four layers of key settings on the keyboard. The layer 0 and layer 1 are for the Mac system. The layer 2 and layer 3 are for the Windows system.



If your system toggle is switched to Mac, then the layer 0 will be activated.



If your system toggle is switched to Windows, then the layer 2 will be activated. Remember that if you are using it in Windows mode, please make changes to the layer 2 instead of the top layer (the layer 0).

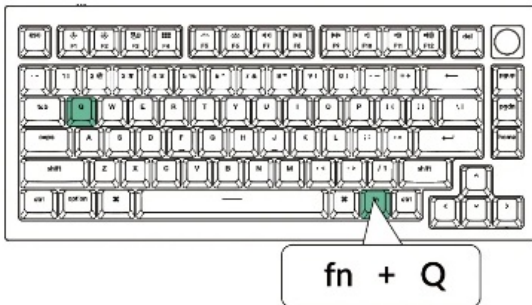
This is a common mistake people are making.

Mac ☒ Win

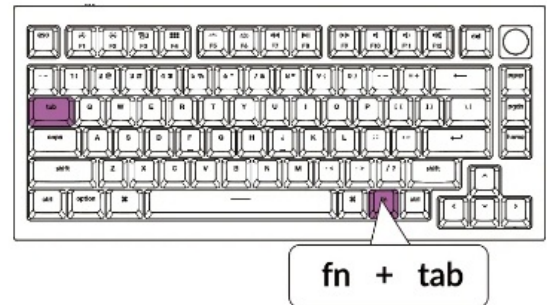
LAYER 0 1 2 3

4. The Backlight

Press fn + Q to change the lighting effect



Press fn + tab to turn the backlight on/off.

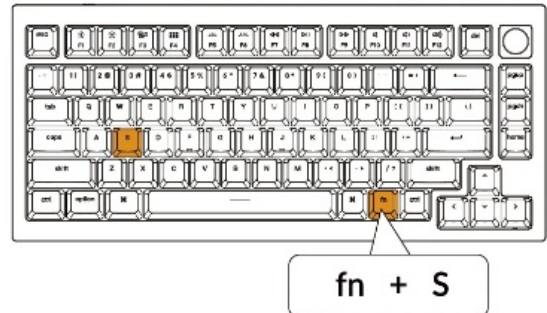


5. Adjust The Backlight Brightness

fn + W to increase the backlight brightness



fn + S to decrease the backlight brightness



6. Warranty

The keyboard is highly customizable and easy to be rebuilt.

If anything goes wrong with any of the keyboard components of keyboard during the warranty period, we will only replace the defective parts of the keyboard, not the whole keyboard.

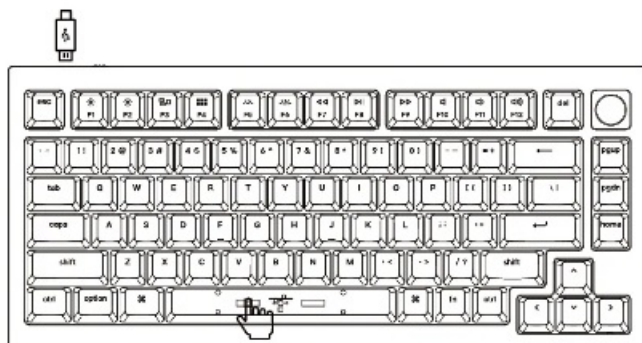


7. Watch The Building Tutorial On Our Website

If you are building the keyboard for the first time, we highly recommend you watch the building tutorial video on our website first, then start building the keyboard yourself.



8. Factory Reset



Troubleshooting? Don't know what's going on with the keyboard?

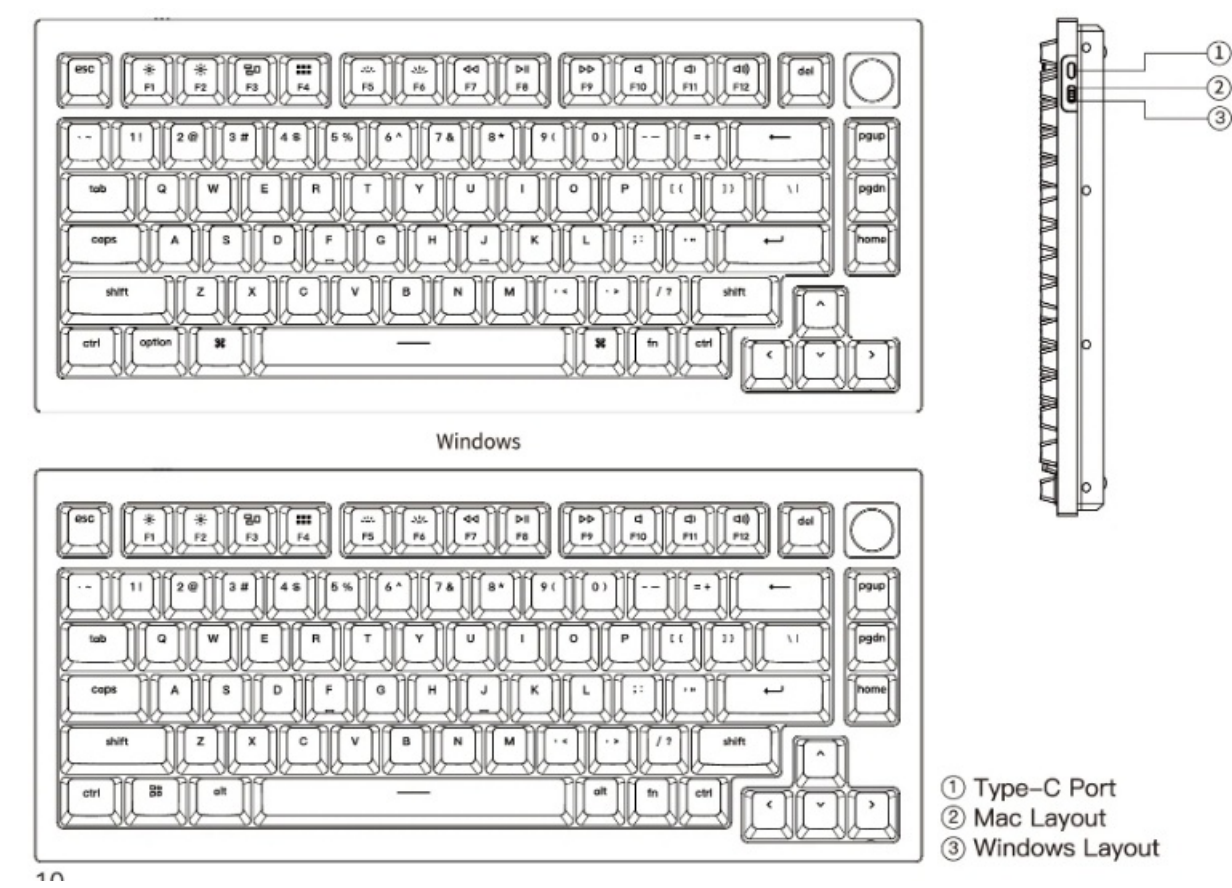
1. Try factory reset by pressing fn + J + Z (for 4 seconds)
2. Download the right firmware for your keyboard from our website.
Remove the power cable from the keyboard.
3. Remove the space bar keycap to find the reset button on the PCB.
4. Hold the reset key while plugging in the power cable and then release the reset key. The keyboard now will enter DFU mode.
5. Flash the firmware with the QMK Toolbox.
6. Factory reset the keyboard again by pressing fn + J + Z (for 4 seconds)

* Step by step guide can be found on our website

Qt CUSTOMIZABLE KEYBOARD SPECIFICATIONS

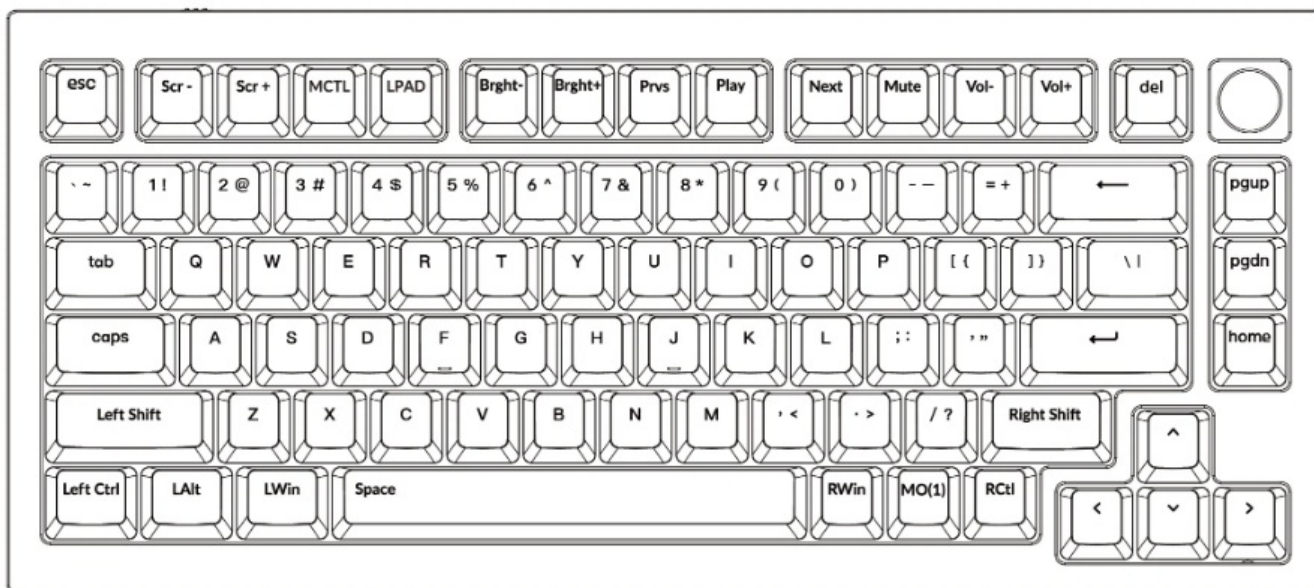
Specifications	
Layout	75%
Switch type	Mechanical
Width	145mm
Length	327.5 mm
Front height	21.6 mm (without keycaps)
Back height	34.8 mm (without keycaps)
Front height	32.2 mm (with OEM keycaps installed)
Back height	44.2 mm (with OEM keycaps installed)
Keyboard feet height	2.4mm
Angle	5.2 degree

Q1 MECHANICAL KEYBOARD OVERVIEW

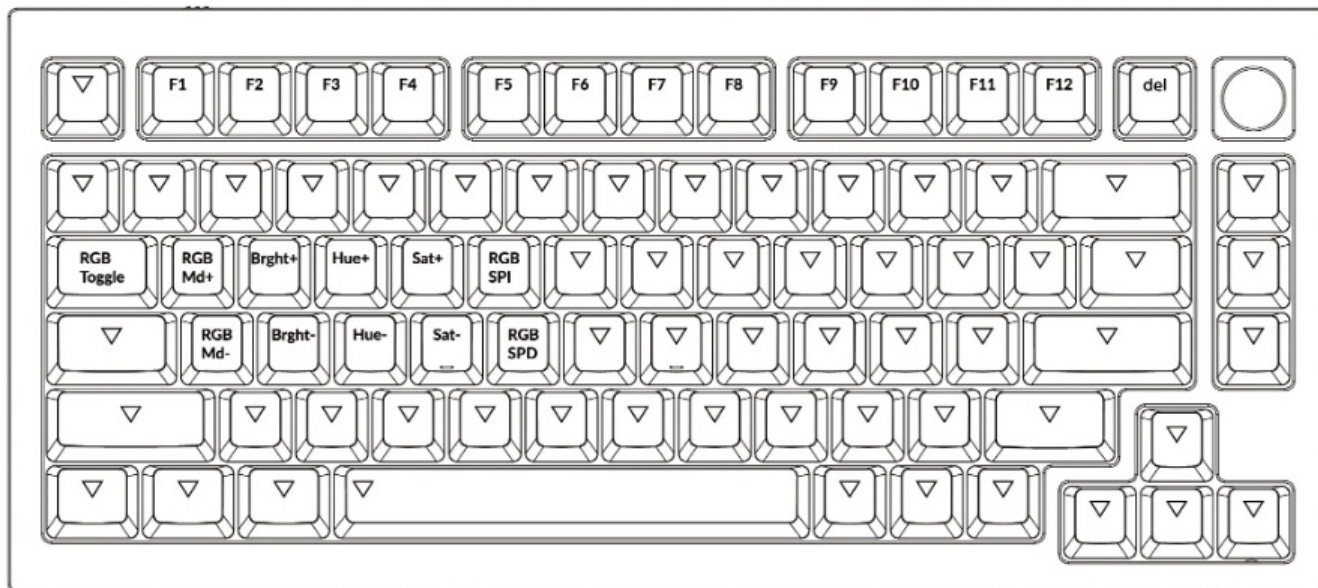


DEFAULT KEY LAYOUT:

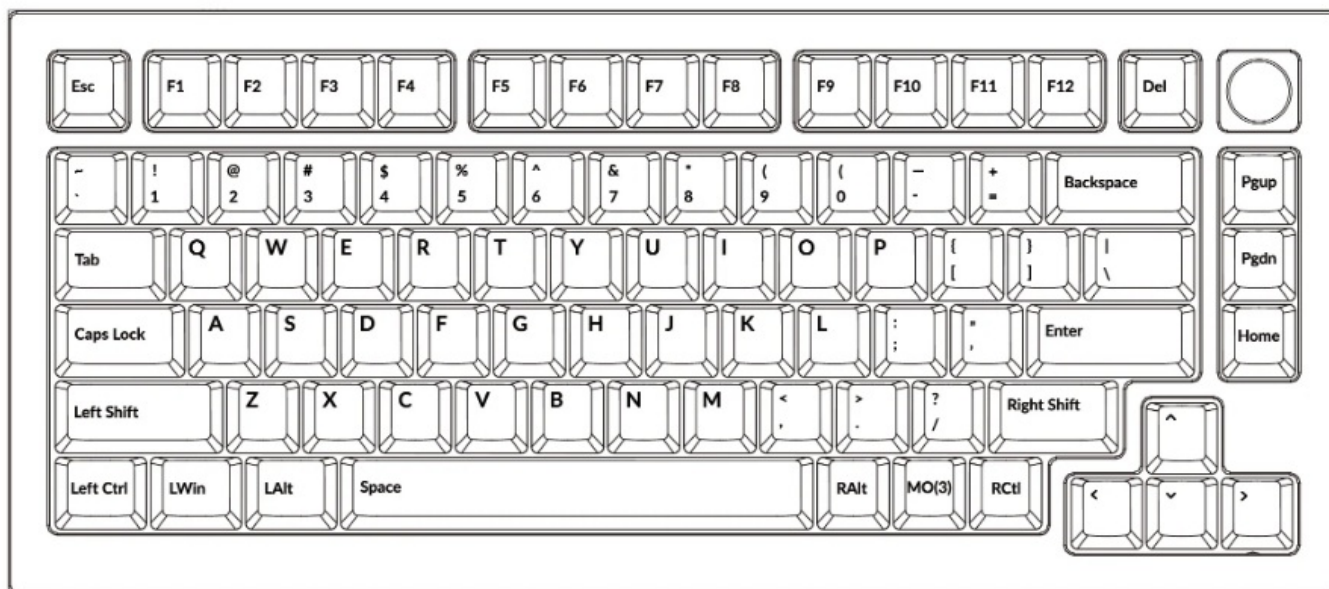
LAYER 0: This layer will be activated when your keyboard's system toggle is switched to Mac.



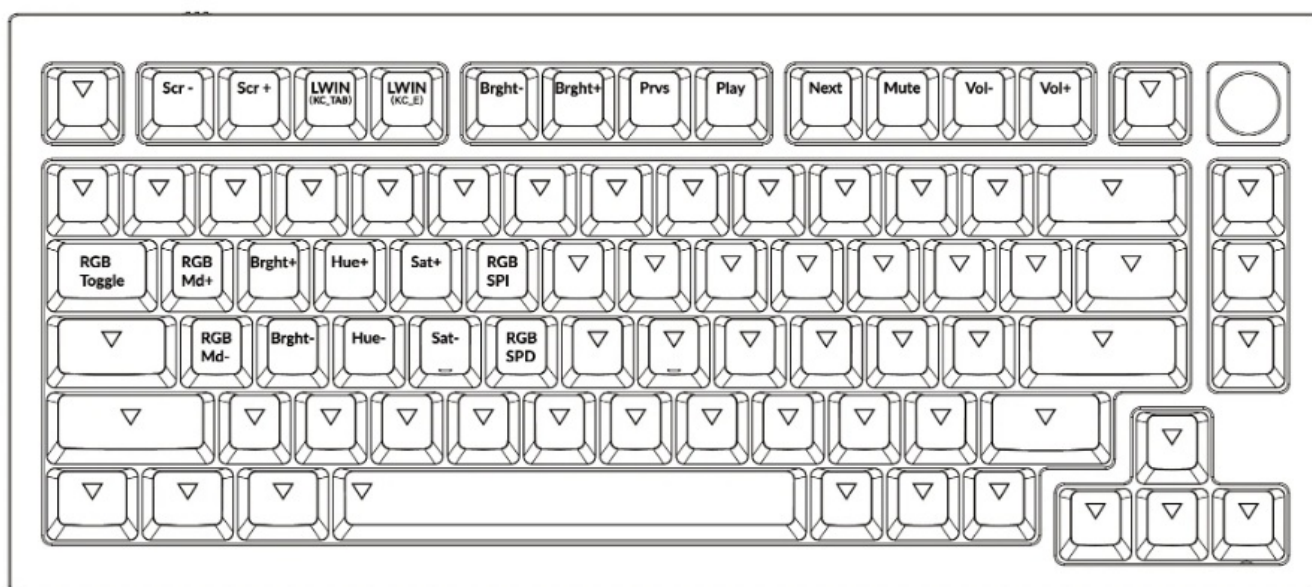
LAYER 1: This layer will be activated when your keyboard's system toggle is switched to Mac and press the fn/MO(1) key.



LAYER 2: This layer will be activated when your keyboard's system toggle is switched to Windows.



LAYER 3: This layer will be activated when your keyboard's system toggle is switched to Windows and press the fn/MO(3) key.



KEY DESCRIPTION

Key Description		Key Description	
Ser-	Screen Brightness Decrease	RGBMd+	RGB Mode Next
Ser+	Screen Brightness Increase	RGBMd-	RGB Mode Previous
Bright-	Backlight Decrease	Hue+	Hue Increase
Bright+	Backlight Increase	Hue-	Hue Decrease
Prvs	Previous	RGB SPI	RGB Speed Increase
Play	Play/Pause	RGB SPD	RGB Speed Decrease
Next	Next	M0(1)	Layer 1 will be activated when holding this key
Mute	Mute	M0(3)	Layer 3 will be activated when holding this key
Vol-	Volume Decrease	LWIN	KC_TAB TaskView
Vol+	Volume Increase	LWIN	KC_E File Explorer
RGBToggle	Turn Backlight on/off		

Third party input tools are not compatible with the keyboard.

Due to compatibility, versions, brands and drivers of Windows/macOS, functionalities of third Party input tools may be affected while using the keyboard. Please make sure your operating system and drivers are up to date.

Certain fn keys or multimedia keys does not work under Windows/ Android mode.

Functionalities of certain multimedia keys may be disabled due to compatibility, versions, brands and drivers of Windows/Android OS.

Safety Precaution:

Keep the product, accessories and packaging parts out of reach of children to prevent any accidents and choking hazards.

Always keep the product dry to avoid corrosion.

Do not expose the product to extreme temperatures below -10°C (5°F) or above 50°C (131 °F) to preserve the lifespan of the keyboard.

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Find us at:
<https://www.keychron.com>
Support@keychron.com
ll @keychron
@)@keychron
-@keychronMK
Designed by Keychron
Made in China

Keychron Q1 Keycap Size

Below is the hi res image of Q1 keycap size.

Q1 keycap size

Q1 Keyboard Plate File

Download:

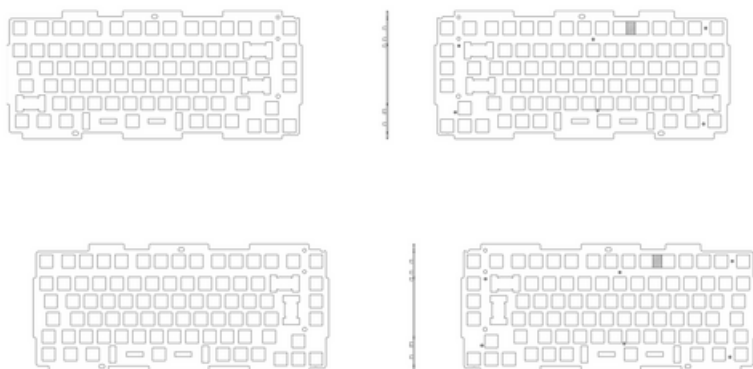
[Keychron Q1 Keyboard Plate File – ANSI](#)

[Keychron Q1 Keyboard Plate File – ISO](#)

[Keychron Q1 Keyboard Plate dwg Format File – ANSI](#)

[Keychron Q1 Keyboard Plate dwg Format File – ISO](#)

Dimension: 318.3mm x 137.05mm x 1.5mm



How to Factory Reset Your Keychron Q1

Troubleshooting? Or Don't know what's going on with the keyboard? Factory reset your Keychron Q1.

1. Download the Q1 firmware (the file needs to be unzipped) and download the QMK Toolbox. (If the download link below does not work, use this link: https://github.com/qmk/qmk_toolbox/releases)

Keychron Q1

[Download Q1 Non-Knob ANSI Firmware](#)
[Download Q1 Non-Knob ISO Firmware](#)

Keychron Q1 Version 2

[Download Q1 V2 Non-Knob ANSI Firmware](#)
[Download Q1 V2 Non-Knob ISO Firmware](#)
[Download Q1 V2 Knob Version ANSI Firmware](#)
[Download Q1 V2 Knob Version ISO Firmware](#)

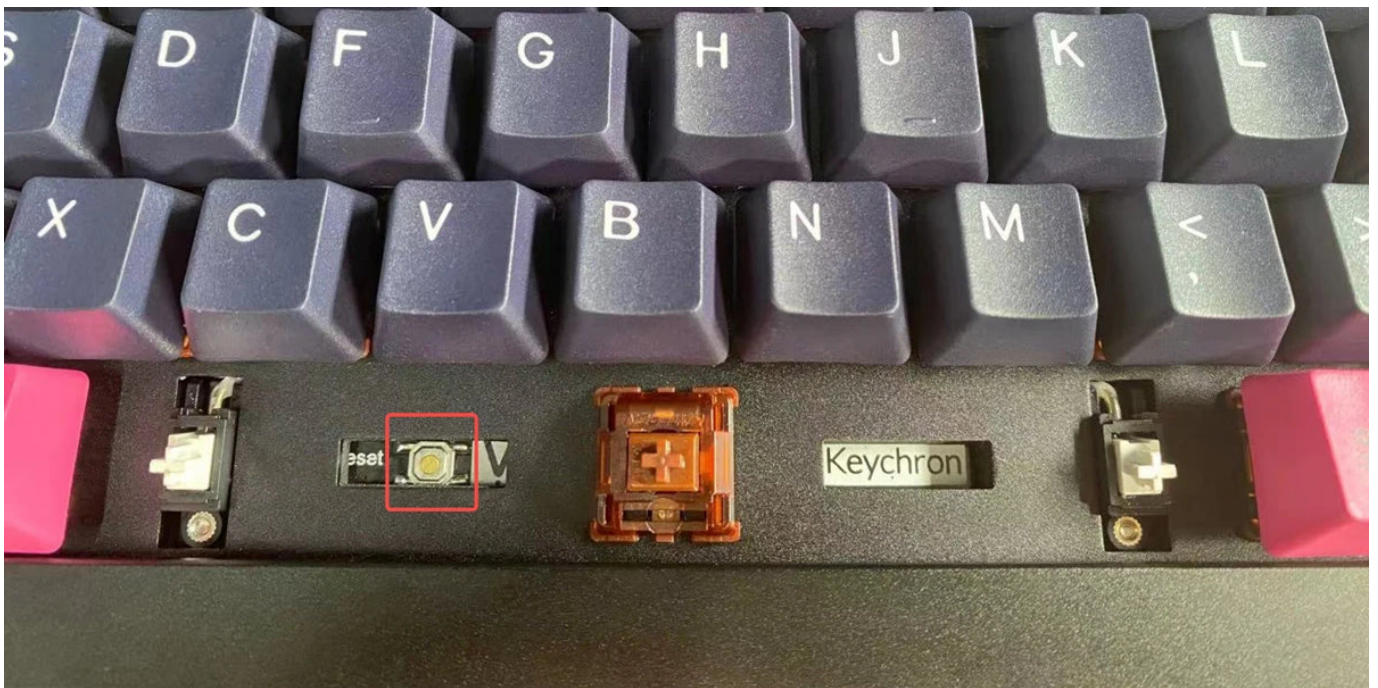
Keychron Q1 Japan JIS Version

[Download Q1 Knob Version Japan JIS Firmware](#)

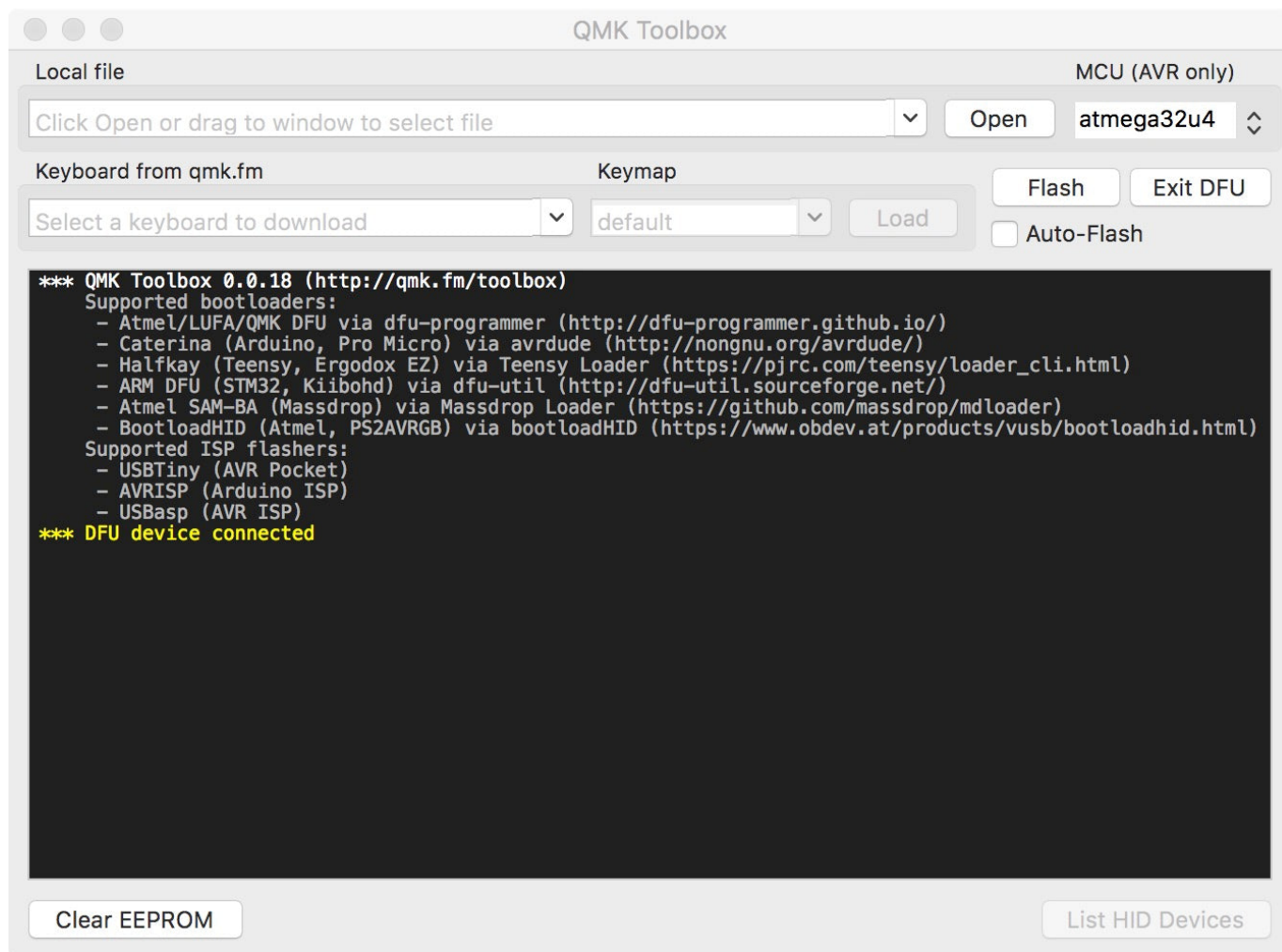
QMK Toolbox

[Download QMK Toolbox for Mac](#)
[Download QMK Toolbox for Win](#)

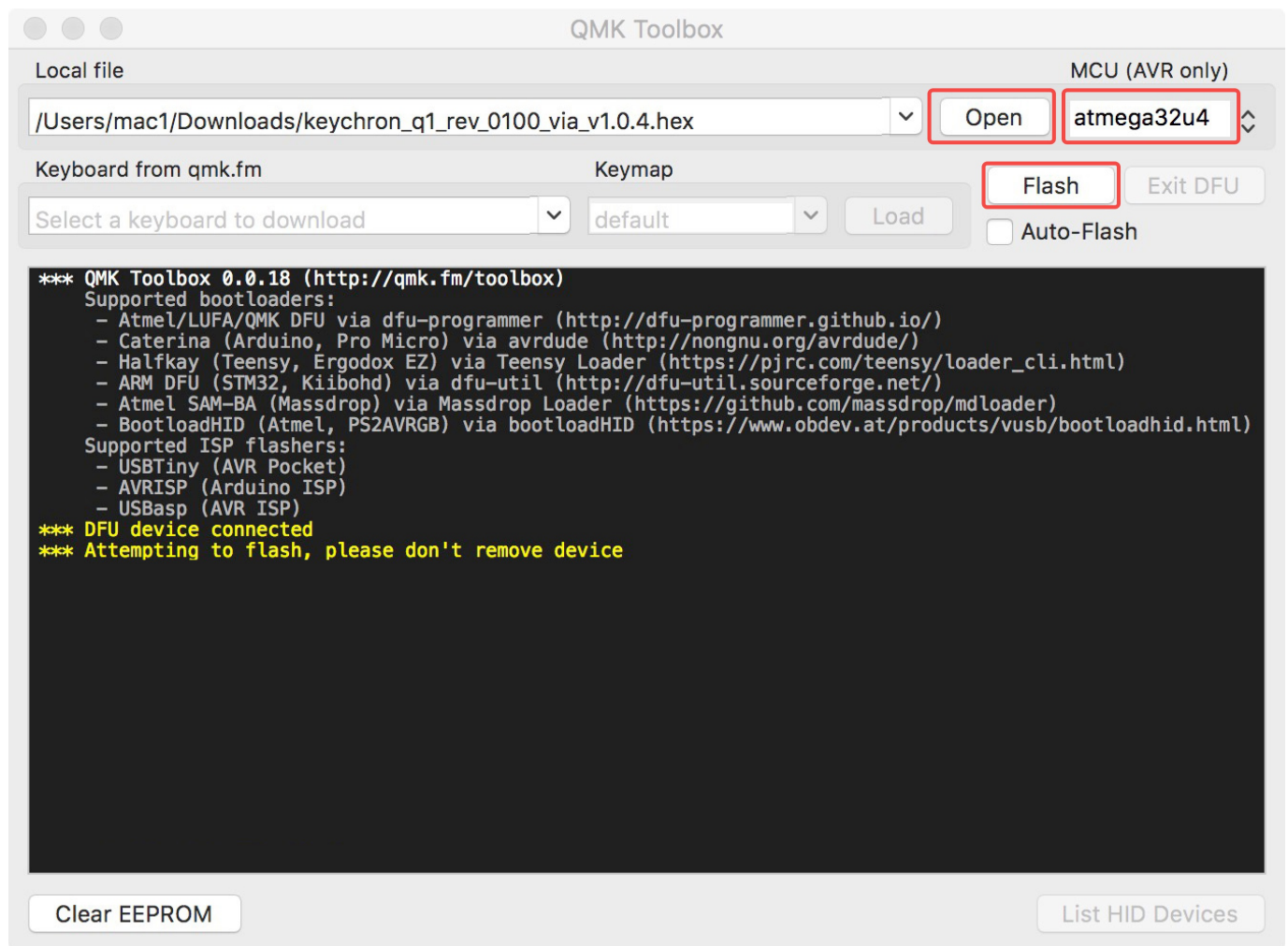
2. Unplug the power cable from the keyboard.
3. Open the QMK Toolbox.
4. Remove the space bar keycap to find the reset button on the left side of the space bar switch on the PCB.



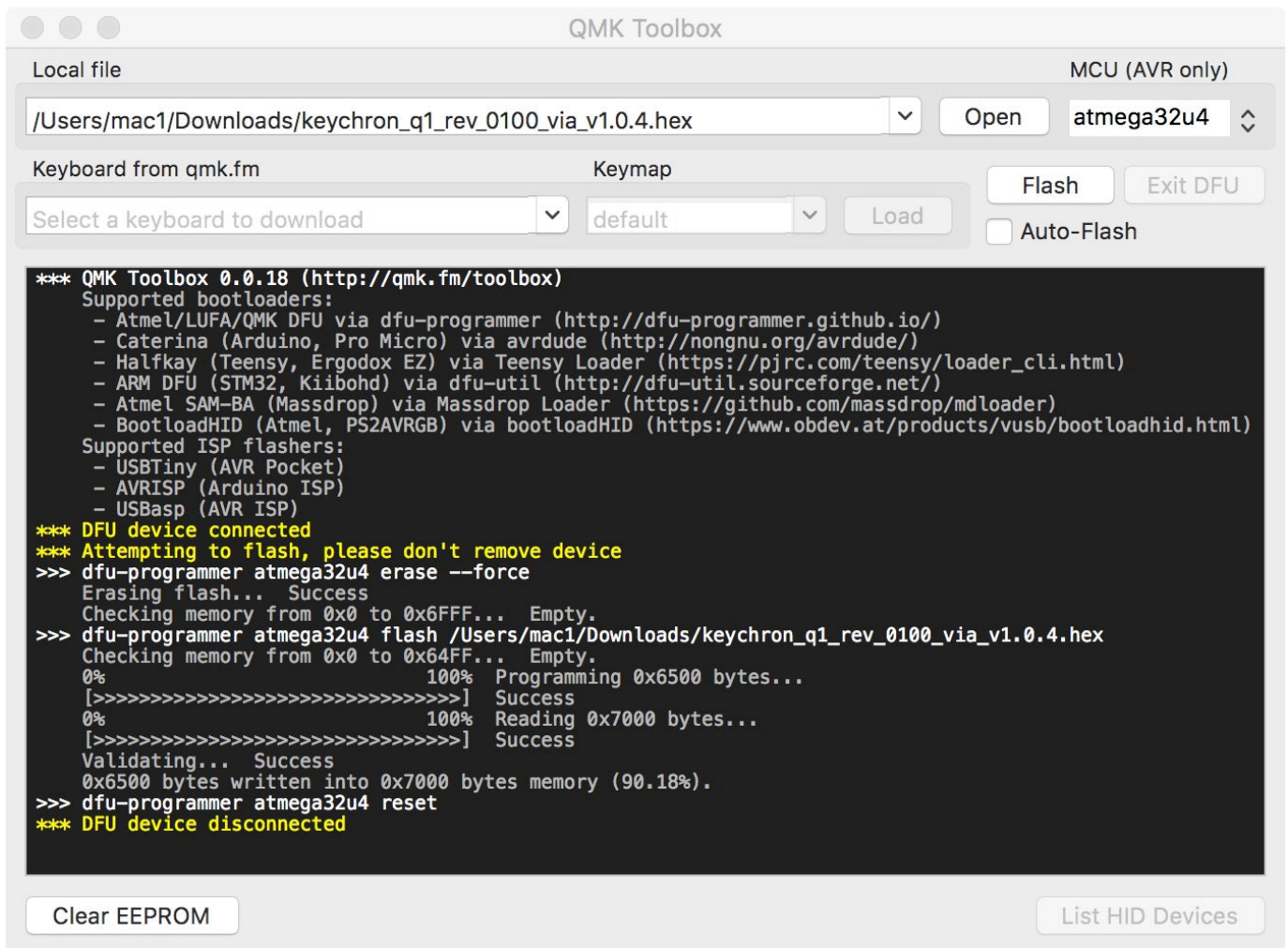
5. Press down and hold the reset button, then plug in the power cable. The keyboard will enter into DFU mode. Then, the QMK Toolbox will display in yellow words “***DFU device connected”.



6. Click open and choose the correct Keychron Q1 firmware. For the Q1 Non Knob version, please choose atmega32u4 for MCU (No need to choose anything for MCU if you got the Q1 Knob Version) and then click the Flash button. It will start flashing. (Note: Do Not unplug the power cable to your keyboard while it's flashing.)



7. Wait a few seconds and when you see the content below, it means the keyboard has flashed successfully factory reset.



If VIA can't pair with your Keychron Q1 after you tried flashing, you need to follow these steps:

1. Reconnect your keyboard power cable.
2. If VIA still doesn't pair together after you reconnect the power cable, download the Keychron Q1 JSON file

Keychron Q1

[Download Q1 ANSI JSON File](#)

[Download Q1 ISO JSON File](#)

Keychron Q1 Version 2

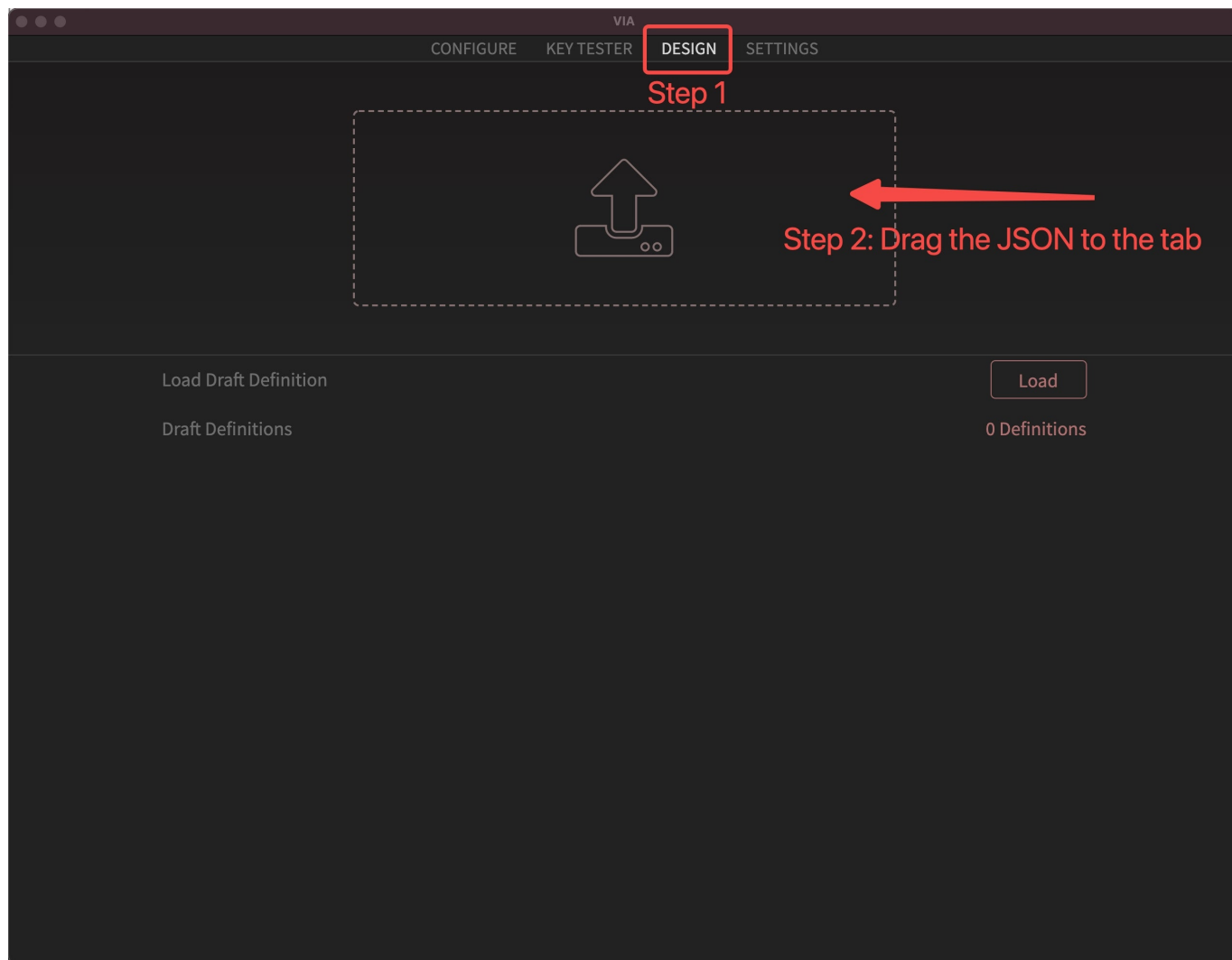
[Download Q1 V2 ANSI Knob Version JSON File](#)

[Download Q1 V2 ANSI Non Knob Version JSON File](#)

[Download Q1 V2 ISO Knob Version JSON File](#)

[Download Q1 V2 ISO Non Knob Version JSON File](#)

3. Unplug your keyboard from your computer.
4. Open VIA
Step 1: Click the "DESIGN" section.
Step 2: Drag the JSON file to the tab and then click the "CONFIGURE" section to customize the keymap.



6. Replug your keyboard.

7. VIA should pair together with the Keychron Q1 now.

You may contact support@keychron.com if a defect covered by the warranty arises in your product within the warranty period. Keychron will honor the warranty of our Q and V series keyboard (e.g.: Q1, Q2, V1, V2, etc.) by one of the following methods at our discretion:

– Defects of Q and V series keyboards have been caused by manufacturing: We will only replace the defective parts of the keyboard, not the whole keyboard, as its highly customizable and easy to be rebuilt.

– Defects of Q and V series keyboards have been caused by disassembling our product, improper installation, non-factory repairs/modifications, improper adjustment of the product, or neglect, including but not limited to “burn-in”, and similar wrongful use: We will NOT offer free service. We only offer paid service to replace the defective parts at your own cost (including the cost of parts, shipping fee and tax if applicable).

The Key Combinations Table Of Keychron Q1

For Keychron Q1, we’ve included all the normal and useful functions keys that can be accessed via the default key combinations. Here is the table for all the key combinations and functions it can access.



fn + Keys

Keys	Function
fn + F1	Screen Brightness Down (Windows mode)
fn + F2	Screen Brightness Up (Windows mode)
fn + F3	Task View (Windows mode)
fn + F4	File Explorer (Windows mode)
fn + F5	Keyboard Backlight Down (Windows mode)
fn + F6	Keyboard Backlight Up (Windows mode)
fn + F7	Rewind (Windows mode)
fn + F8	Play / Pause (Windows mode)
fn + F9	Fast Forward (Windows mode)
fn + F10	Sound: Volume Mute (Windows mode)
fn + F11	Sound: Volume Down (Windows mode)
fn + F12	Sound: Volume Up (Windows mode)
fn + tab	Turn On / Off the Backlight
fn + Q	RGB Mode Next
fn + A	RGB Mode Previous
fn + W	Keyboard Backlight Up
fn + S	Keyboard Backlight Down
fn + E	Hue Increase
fn + D	Hue Decrease
fn + R	Saturation Increase

fn + F	Saturation Decrease
fn + T	RGB Speed Increase
fn + G	RGB Speed Decrease
fn + F1	F1 (Mac mode)
fn + F2	F2 (Mac mode)
fn + F3	F3 (Mac mode)
fn + F4	F4 (Mac mode)
fn + F5	F5 (Mac mode)
fn + F6	F6 (Mac mode)
fn + F7	F7 (Mac mode)
fn + F8	F8 (Mac mode)
fn + F9	F9 (Mac mode)
fn + F10	F10 (Mac mode)
fn + F11	F11 (Mac mode)
fn + F12	F12 (Mac mode)
fn + J + Z (long press for 3s)	Reset the Keyboard

*Above are the default key combinations of Keychron Q1. You can customise your own key combinations on each [layer](#) and access to more functions through VIA software. Please click [here](#) and read “How to Use Different Layers to Set the Combination Keys” for details.

Read More About....

[Keychron Q1 Version 2 Keyboard](#)

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