

V60-Type R Open Source – Firmware Upgrade User Manual

Step 1 : Download tkg-toolkit (included on this package)

DOWNLOAD -> [V60 Type-R Package](#)

Step 2 : Run zadig_2.1.2.exe (tkg-toolkit/windows/tool/)

Press Keyboard **Reset** Button (Check keyboard bottom side)

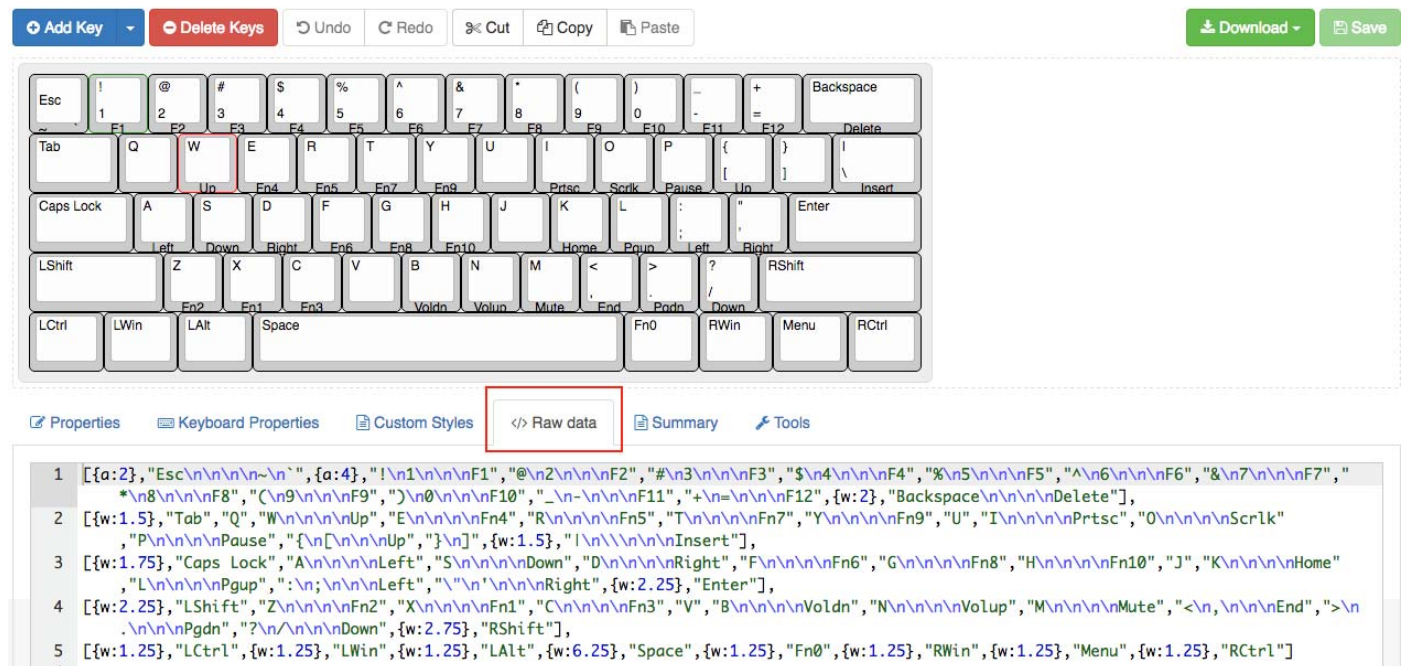
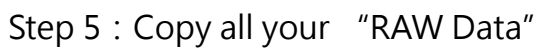
Choose "Option" -> List All devices -> ATM32U4DFU -> Install driver

Step 3 : Make sure your PC-Host recognize " DFU Device"



<http://www.keyboard-layout-editor.com/#/gists/2b8d555742c89216b28b858c6bcfead6>

Make your own keyboard layout and Fn function



Step 6 : Go to <http://kai.tkg.io/>

Choose "Fantastic60" this keyboard

The screenshot shows the 'General' section of the TMK Keymap Generator. The 'Keyboard' dropdown menu is open, displaying a list of keyboards. The 'Fantastic60' option is highlighted with a red circle. The 'Layer' section is also visible, showing 'Layer0' and 'Layer1' with their respective keymaps.

TMK Keymap Generator ^{BETA} Home Help About Tools Language

General

Keyboard: **Fantastic60** (Selected)

Layer: Layer0, Layer1

Buttons: Download .eep file, Download .c file

Step 7 : Layer mode choose "simple" and then Paste all your "RAW Data"

The screenshot shows the 'General' section of the TMK Keymap Generator. The 'Layer Mode' is set to 'Simple'. The 'Composite Layer' section has a text input field containing the URL: <http://www.keyboard-layout-editor.com/#/gists/2b8d555742c89216b28b858c6bcfead6>. The text 'Paste Your Raw Data (from Keyboard Layout Editor)' is overlaid on the input field.

TMK Keymap Generator ^{BETA} Home Help About Tools Language

General

Keyboard: Fantastic60

Layer Mode: Normal, **Simple**, All-in-One

Composite Layer: Paste URL or Raw Data here

Buttons: Burn .hex file, Download .eep file, Download .c file

Step 8 : Fn function and LED control

This website is under construction, any feature will be removed or be modified at any time without advance notice.

TMK Keymap Generator BETA [Home](#) [Help](#) [About](#) [Tools](#) [Language](#)

Fn0 Layer action > Momentary 1

Fn1 Backlight action > Toggle

Fn2 Backlight action > Decrease

Fn3 Backlight action > Increase

Fn4 Others > Built-in function

Fn5 Others > Built-in function Red

Fn6 Others > Built-in function Red

Fn7 Others > Built-in function Green

Fn8 Others > Built-in function Green

Fn9 Others > Built-in function Blue

Fn10 Others > Built-in function Blue

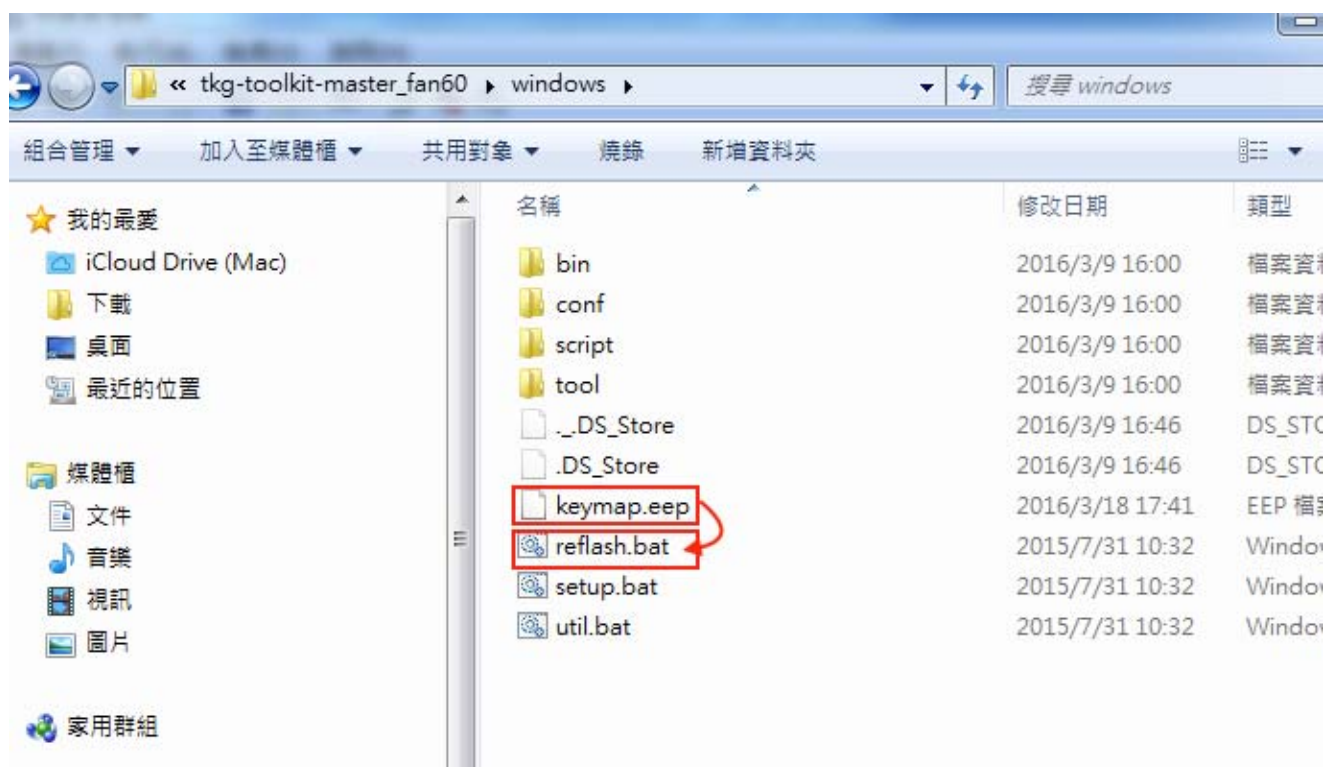
Fn function

Top LED control

Bottom RGB LED control

Step 9 : Download .eep file to your PC

Step 10 : Go to Tool-kit "windows" this folder , drag EEP file into reflash.bat



Step 12 : Program EEP to your keyboard (You might be need another keyboard to press "Enter" or "Y")

[illegible]

Step 13 : DONE...
Try all keyboard function !!!