

YD60MQ 60 64 Programming Manuals

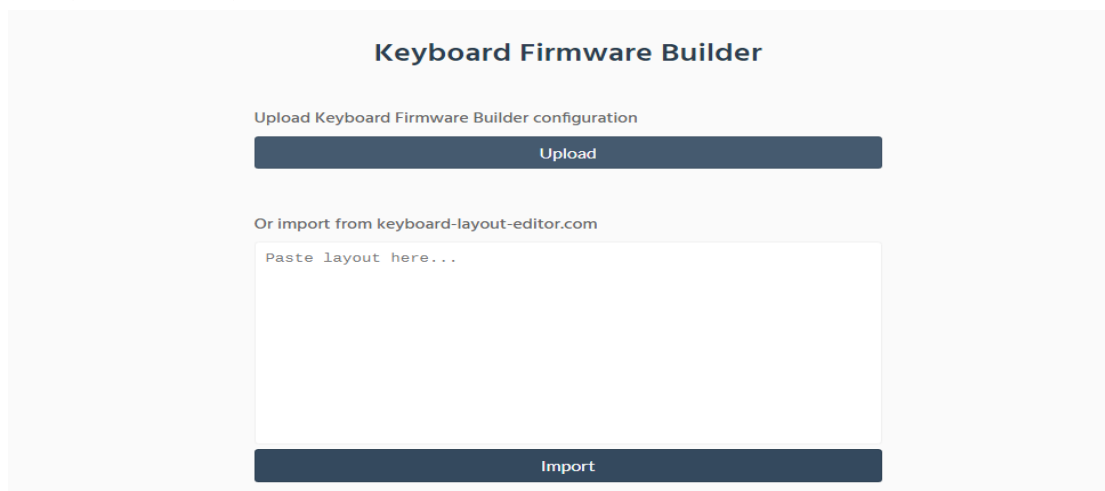
QUICK START HOW TO PROGRAM

1.Download QMK Toolbox https://github.com/qmk/qmk_toolbox/releases

Choose the toolbox according to your system,
Mac system choose pkg or app file,Windows choose toolbox.exe file.

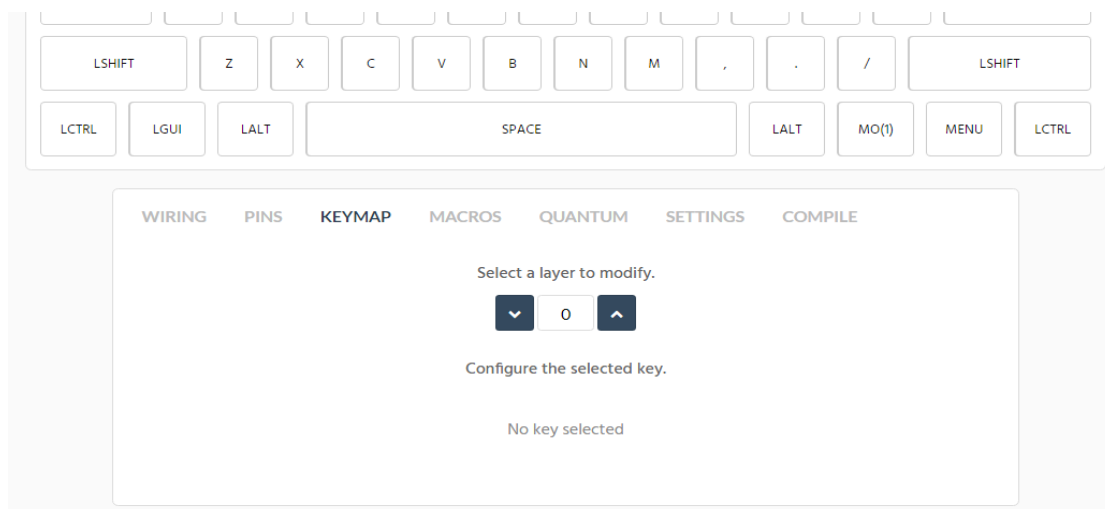
2.Download [Zadig](#) or other driver updated software.

3.Change layout on kbfirmware.com,this json file can be used to modify 64 Minila 60 layout,not only Minila,upload [YD60MQ file](#)



The screenshot shows the 'Keyboard Firmware Builder' web interface. It has a title 'Keyboard Firmware Builder' at the top. Below it, there's a section 'Upload Keyboard Firmware Builder configuration' with an 'Upload' button. Underneath, there's a section 'Or import from keyboard-layout-editor.com' with a text area labeled 'Paste layout here...' and an 'Import' button at the bottom.

4.Then press keymap, You can select layer to change the keys,Layer 0 is the default layer you always use,layer 1 is the 2nd layer which is realized by Fn.



The screenshot shows the QMK Toolbox Keymap editor interface. At the top, there's a keyboard layout diagram with keys labeled: LSHIFT, Z, X, C, V, B, N, M, comma, period, slash, LSHIFT, LCTRL, LGUI, LALT, SPACE, LALT, MO(1), MENU, LCTRL. Below the diagram is a tabbed interface with tabs: WIRING, PINS, KEYMAP (selected), MACROS, QUANTUM, SETTINGS, and COMPILE. In the KEYMAP tab, there's a section 'Select a layer to modify.' with a dropdown menu showing '0'. Below that, it says 'Configure the selected key.' and 'No key selected'.

5. When you modify the keys ready, click **Settings** and it will show **No errors or warnings!** And then click **Compile** to download hex file. If something wrong, it will remind you of the fault. Just modify according to the reminder and then download hex file.

WIRING PINS KEYMAP MACROS QUANTUM **SETTINGS** COMPILE

Configure your settings.

Layout Name OK60-X RGB ?

Bootloader Size 4096 KB ?

WS2812 LEDs - 10 + ?

Backlight Levels - 3 + ?

Save your layout.

Save Configuration

Check errors and warnings.

No errors or warnings!

WIRING PINS KEYMAP MACROS QUANTUM **SETTINGS** COMPILE

Download the .hex file to flash to your keyboard.

Download .hex

Or download the source files.

Download .zip

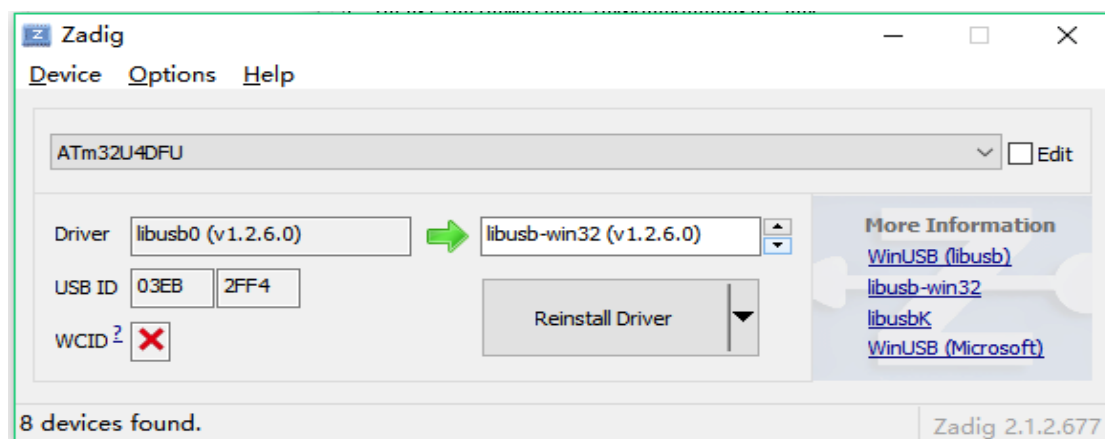
6. Reset the keyboard

Method 1, press **FN+ESC**.

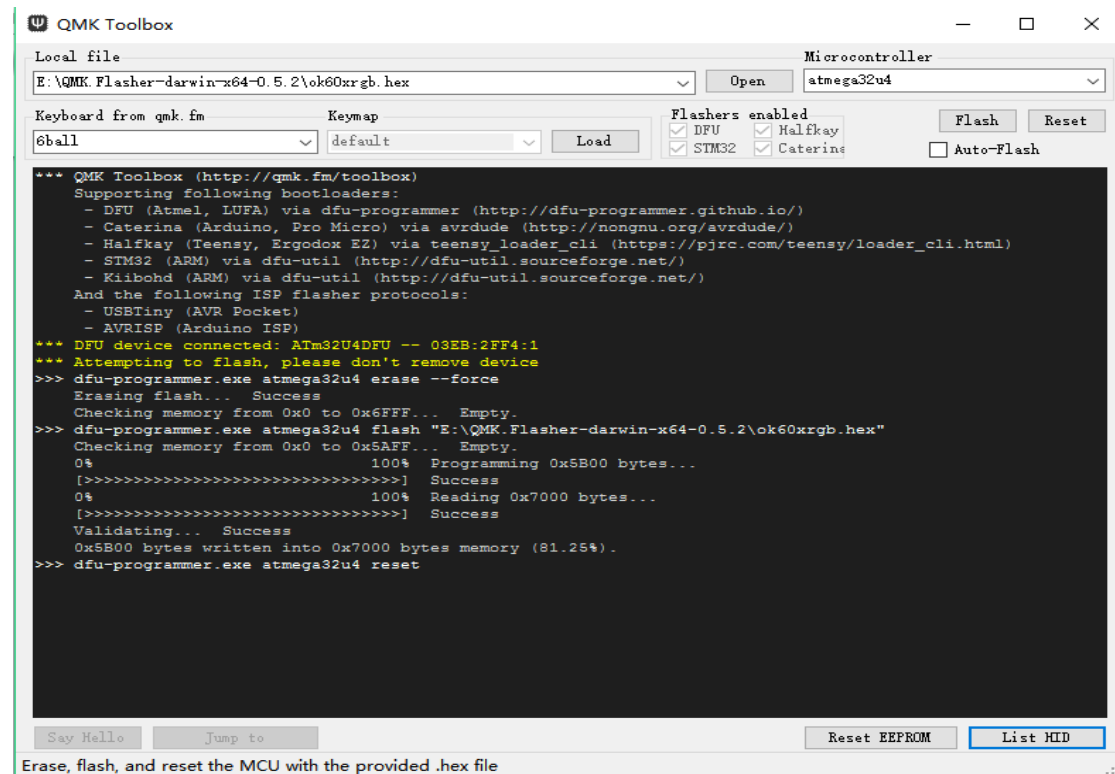
Method 2, pull out USB from PC, press **spc+B** together till inserting USB to PC.

Method 3, if you change your keys without reset or **SPC B** button, you can still open the back cover to press the reset button. Method 3 won't use as usual.

7. Open Zadig, click **list all**, choose **atmega32u4**, install the driver **libusb-win32 (v1.2.6.0)**.



8.Open Toolbox,click open button to choose the hex file you just download,click flash.Make sure the chipset is atmega32u4. When it shows as below image,that means it succeeds.



9. More details about keycode on kbfirmware, refer to [Keycode](#).

10.How to record Mac

Choose a key as KC_M(n),go to Marcos page,then click Record Marco,press a list of actions on keyboard,then stop recording.Edit every action and download hex at last.

11.How to Exchange between 6KRO and NKRO

Pull out USB from PC,press SPC+N until inserting USB to PC.

12.How to control RGB Underglow

Use Fn+QERTYUI as default. You can define it on kbfirmware yourself as well.

F_{n+Q}=on\off RGB

Fn+E=Switch RGB Mode

Others are used to adjust brightness Saturation Hue.