



MKey PRO Update Firmware SOP

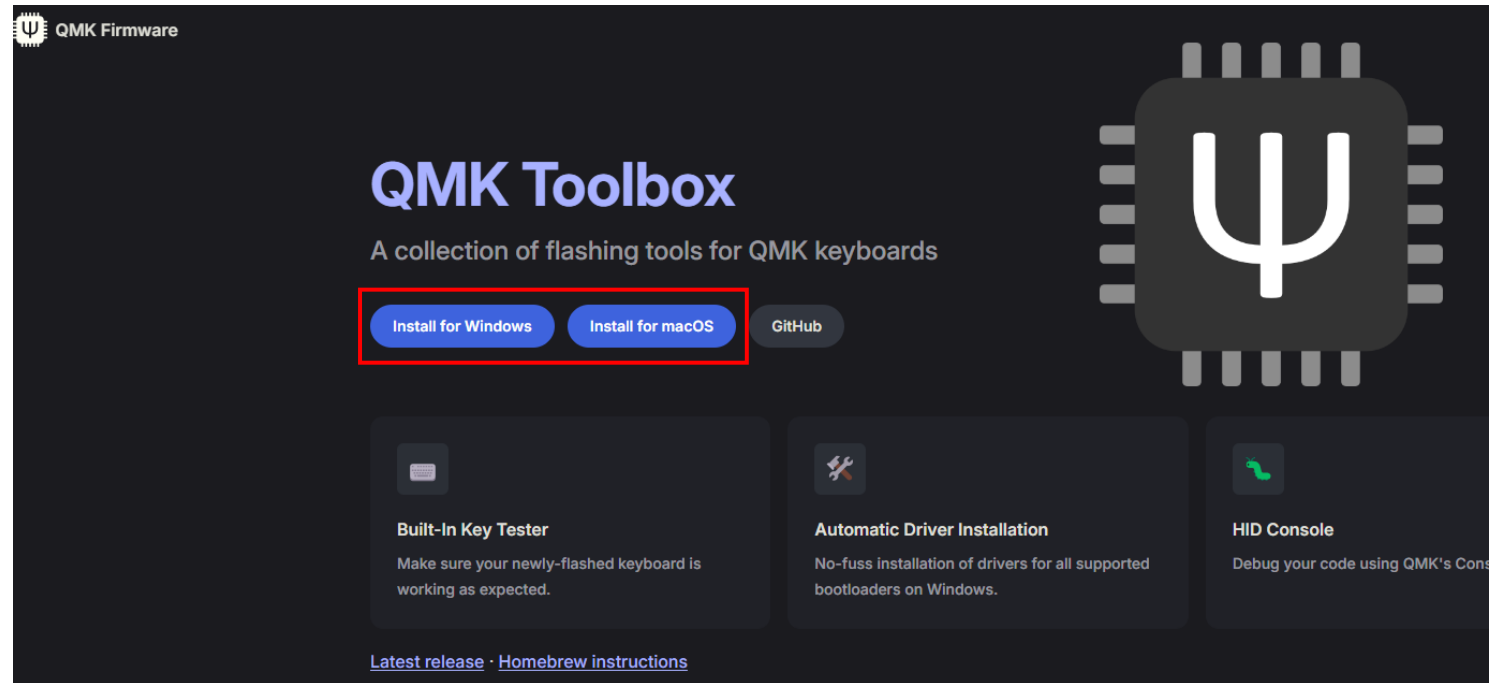
<u>English</u>	P.2
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<u>繁體中文</u>	P.8
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MKey PRO

English

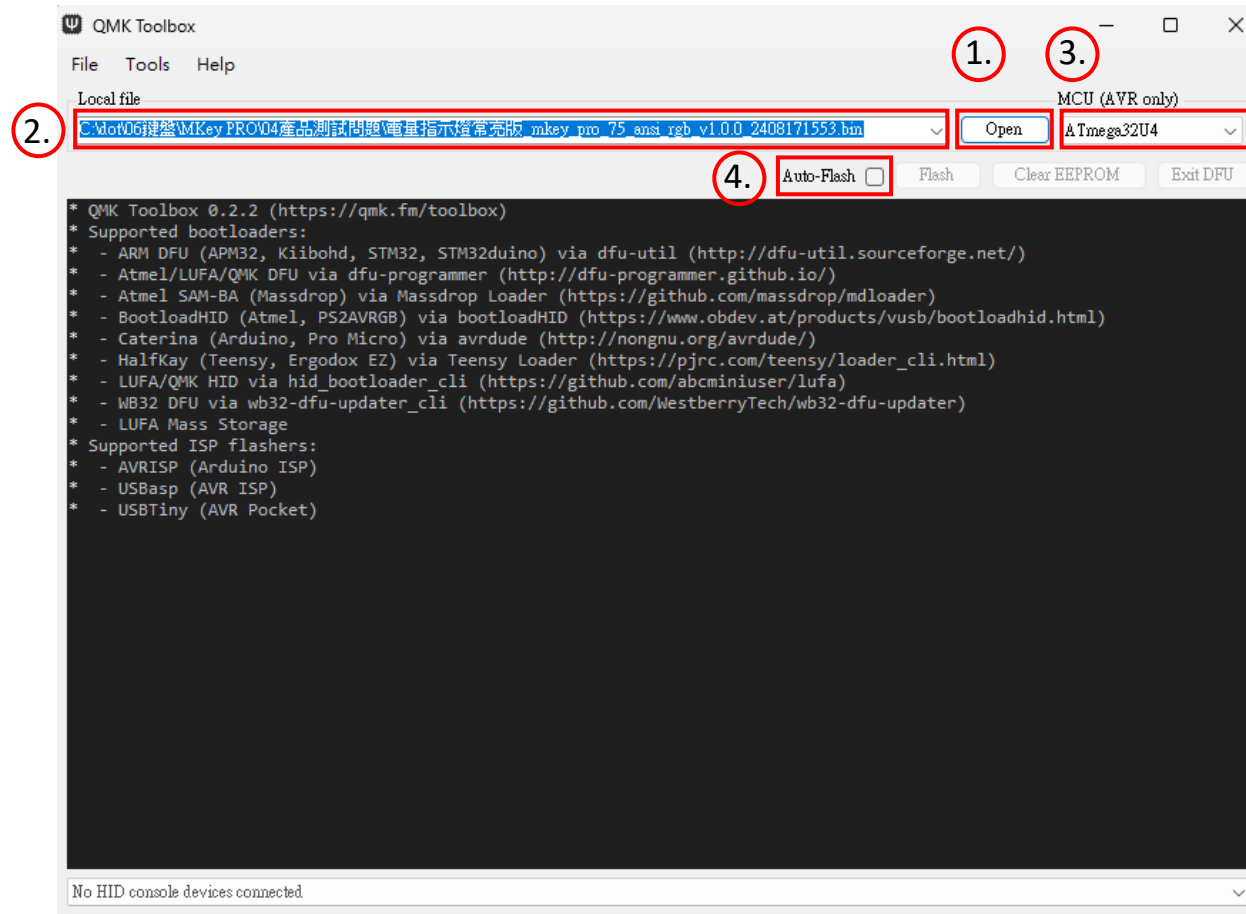
Step 1: Download and Install QMK Toolbox



<https://qmk.fm/toolbox>

Download and install QMK Toolbox through the link.

Step 2: Get Ready for QMK Toolbox



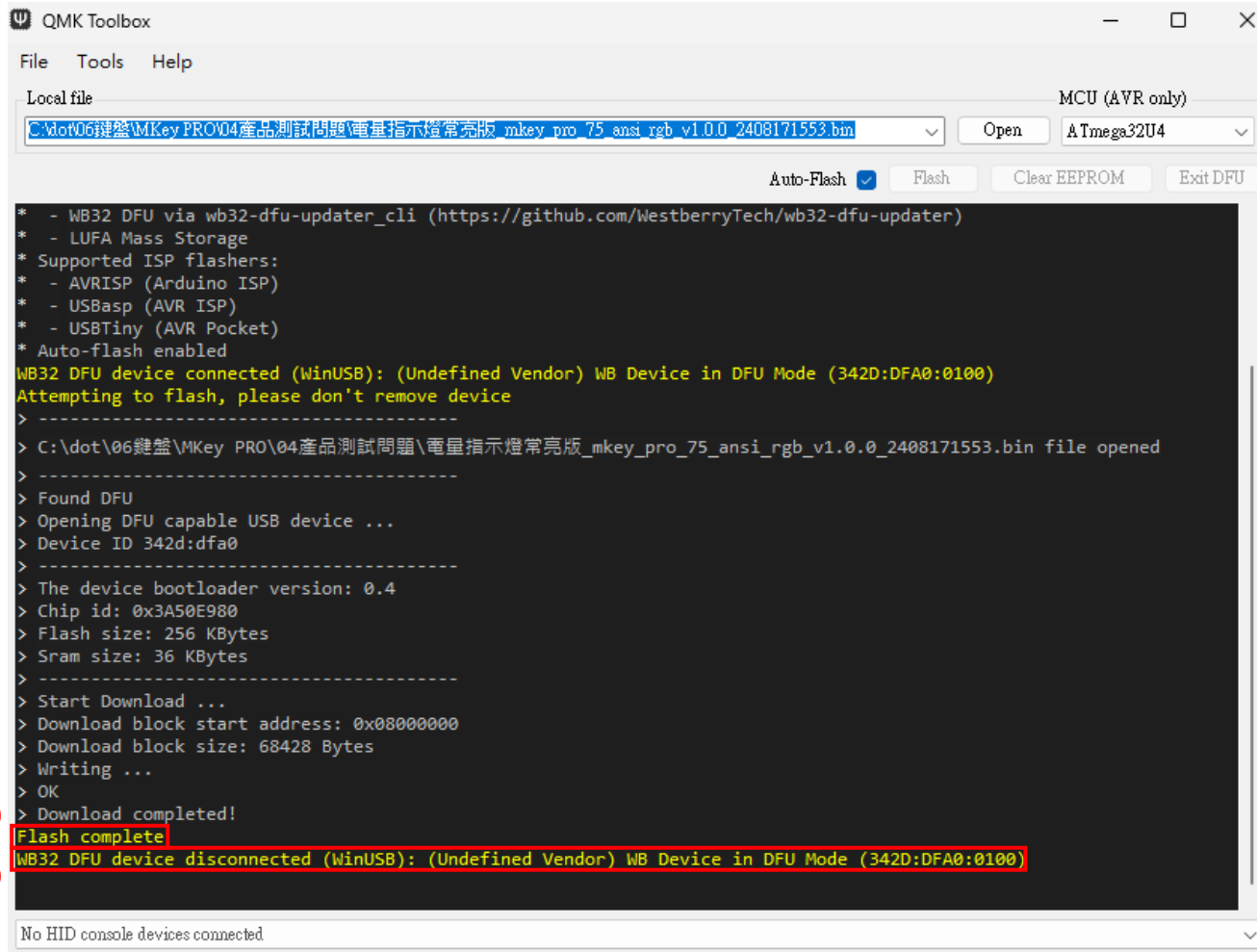
1.
Click “Open”.
2.
Find out the bin document which is provided by MONTECH.
3.
Click “MCU” and select “ATmega32U4”.
4.
Choose “Auto-Flash”.

Step 3: Get Ready for MKey PRO



1.
Set the switch to USB mode.
Connect the cable between MKey PRO and the device.
2.
Press and hold "ESC" key.
3.
Remove the cable (Type-C) from MKey PRO.
4.
Connect the cable (Type-C) to MKey PRO again.
Release the "ESC" key you kept pressing.

Step 4: Finish the Update Process



```
QMK Toolbox
File Tools Help
Local file
C:\dot\06鍵盤\MKey PRO\04產品測試問題\電量指示燈常亮版_mkey_pro_75_ansi_rgb_v1.0.0_2408171553.bin
MCU (AVR only)
A Tmega32U4
Auto-Flash [checked] Flash Clear EEPROM Exit DFU

* - WB32 DFU via wb32-dfu-updater_cli (https://github.com/WestberryTech/wb32-dfu-updater)
* - LUFA Mass Storage
* Supported ISP flashers:
* - AVRISP (Arduino ISP)
* - USBasp (AVR ISP)
* - USBTiny (AVR Pocket)
* Auto-flash enabled
WB32 DFU device connected (WinUSB): (Undefined Vendor) WB Device in DFU Mode (342D:DFA0:0100)
Attempting to flash, please don't remove device
>
> C:\dot\06鍵盤\MKey PRO\04產品測試問題\電量指示燈常亮版_mkey_pro_75_ansi_rgb_v1.0.0_2408171553.bin file opened
>
> Found DFU
> Opening DFU capable USB device ...
> Device ID 342d:dfa0
>
> The device bootloader version: 0.4
> Chip id: 0x3A50E980
> Flash size: 256 KBytes
> Sram size: 36 KBytes
>
> Start Download ...
> Download block start address: 0x08000000
> Download block size: 68428 Bytes
> Writing ...
> OK
> Download completed!
Flash complete
WB32 DFU device disconnected (WinUSB): (Undefined Vendor) WB Device in DFU Mode (342D:DFA0:0100)

No HID console devices connected
```

1. After step 3, you will see “Flash complete”.
2. Remove the cable (Type-C) from MKey PRO again. Connect the same cable (Type-C) to MKey PRO again. MKey PRO’s ARGB will be turned on again. The whole process is finished.

bin Documents

■ANSI_MKey PRO_250514

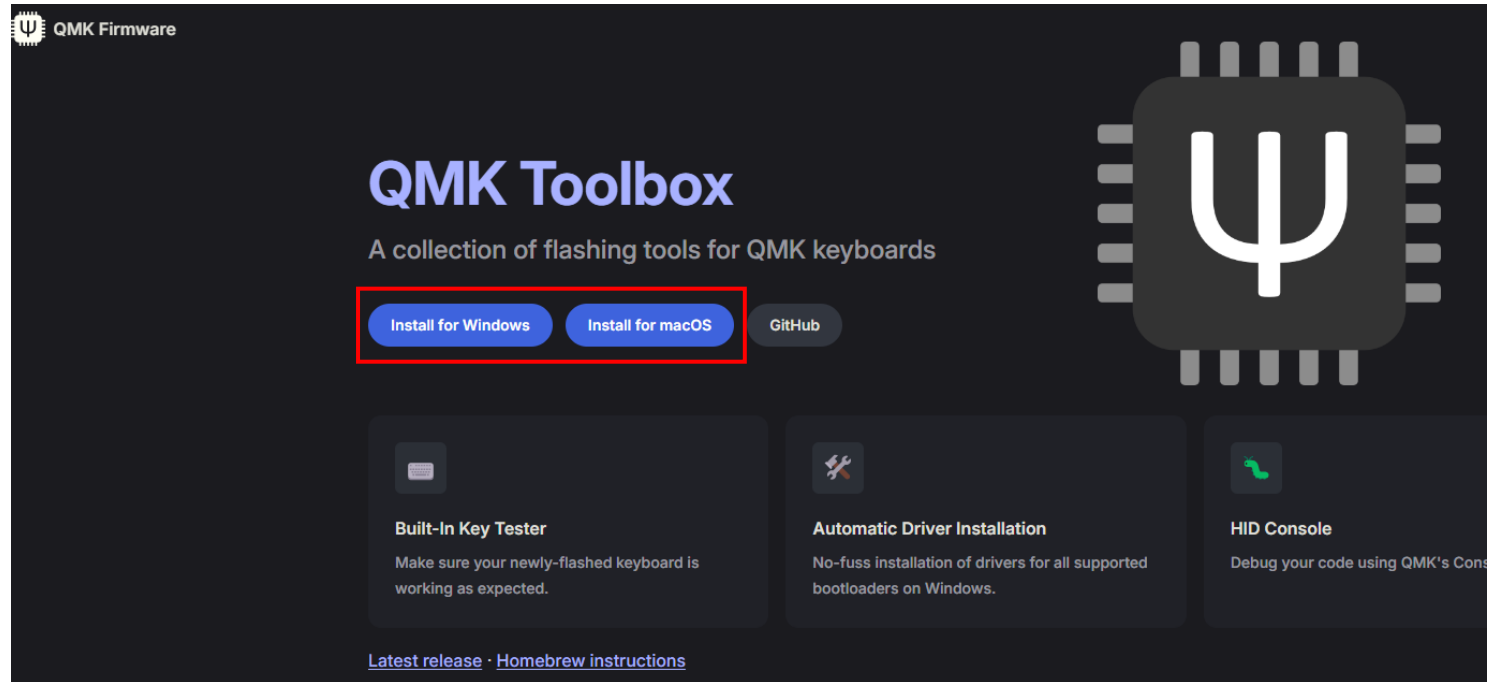
■ISO_MKey PRO_250609

- 250514 version (ANSI) – released on May 14th, 2025.
- 250609 version (ISO) – released on Jun 9th, 2025.
- Update reset system.
- 241127 version – released on Nov 27th, 2024.
- Update Ins and End hotkey (Fn+PgUp=Ins / Fn+PgDn=End).
- Update Fn+F4 (F4), knob must be functional even the light is off.

MKey PRO

繁體中文

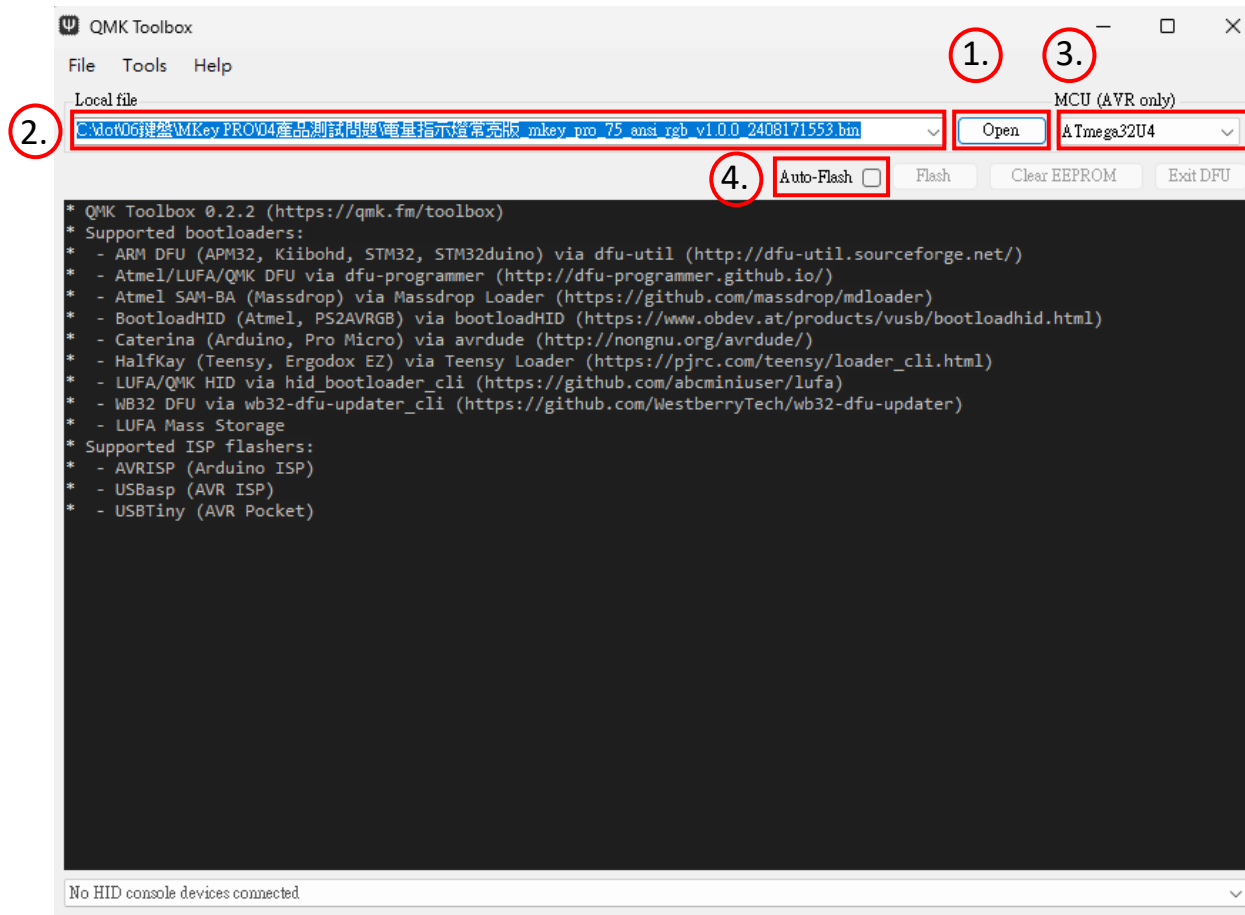
第一步：下載與安裝QMK Toolbox



<https://qmk.fm/toolbox>

透過連結下載與安裝QMK Toolbox。

第二步：準備好QMK Toolbox



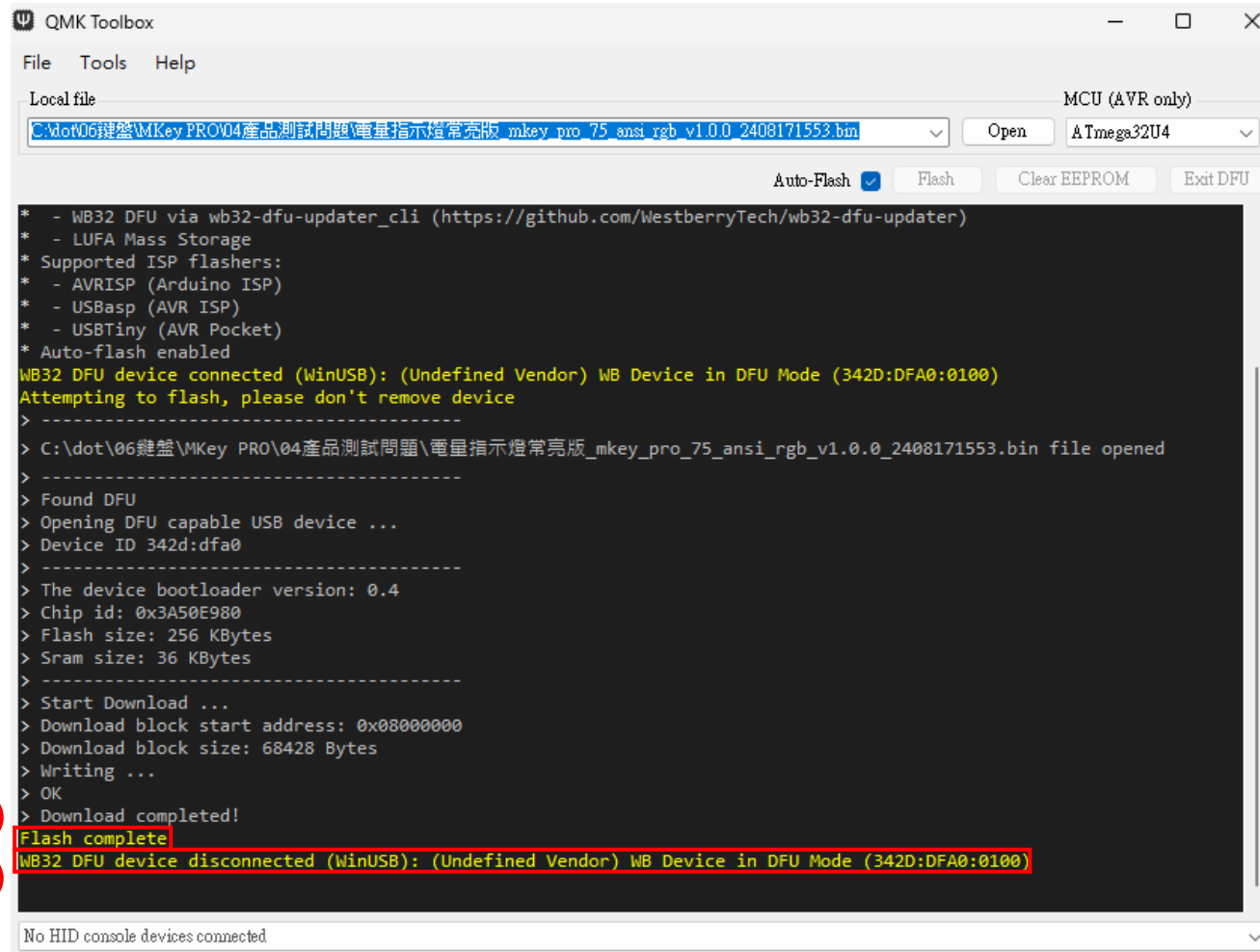
1. 點選「Open」。
2. 找到MONTECH提供的bin檔文件。
3. 點選「MCU」並選擇「ATmega32U4」。
4. 選擇「Auto-Flash」。

第三步：準備好MKey PRO



1. 將模式開關切換至USB模式。
用線材連接MKey PRO和設備。
2. 按住「ESC」鍵。
3. 拔除連接在MKey PRO的Type-C端口線材。
4. 再次將Type-C端口線材連接至MKey PRO。
鬆開按住的「ESC」鍵。

第四步：完成更新



```
QMK Toolbox
File Tools Help
Local file MCU (AVR only)
C:\dot\06鍵盤\MKey PRO\04產品測試問題\電量指示燈常亮版_mkey_pro_75_ansi_rgb_v1.0.0_2408171553.bin Open ATmega32U4
Auto-Flash [checked] Flash Clear EEPROM Exit DFU
* - WB32 DFU via wb32-dfu-updater_cli (https://github.com/WestberryTech/wb32-dfu-updater)
* - LUFA Mass Storage
* Supported ISP flashers:
* - AVRISP (Arduino ISP)
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> Sram size: 36 KBytes
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> Start Download ...
> Download block start address: 0x08000000
> Download block size: 68428 Bytes
> Writing ...
> OK
> Download completed!
Flash complete
WB32 DFU device disconnected (WinUSB): (Undefined Vendor) WB Device in DFU Mode (342D:DFA0:0100)
No HID console devices connected
```

1. 完成第三步後，畫面會出現「Flash complete」。
2. 再次拔除連接在MKey PRO的Type-C端口線材。再次將Type-C端口線材連接至MKey PRO。MKey PRO的ARGB燈效將會再次亮起，即完成更新。

bin檔文件

■ANSI_MKey PRO_250514

■ISO_MKey PRO_250609

- 250514版本(ANSI)於2025年05月14日發布。
- 250609版本(ISO)於2025年06月09日發布。
- 更新復位機制。
- 241127版本於2024年11月27日發布。
- 更新Ins和End快捷鍵（ Fn+PgUp=Ins / Fn+PgDn=End ）。
- 更新Fn+F4（ F4 ），即使關閉旋鈕燈效，旋鈕仍具備功能。