

V60-Pro open source – Firmware upgrade user manual

Step 1 : Download tkg-toolkit

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

Press Keyboard Reset Button (Check Bottom side)

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

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

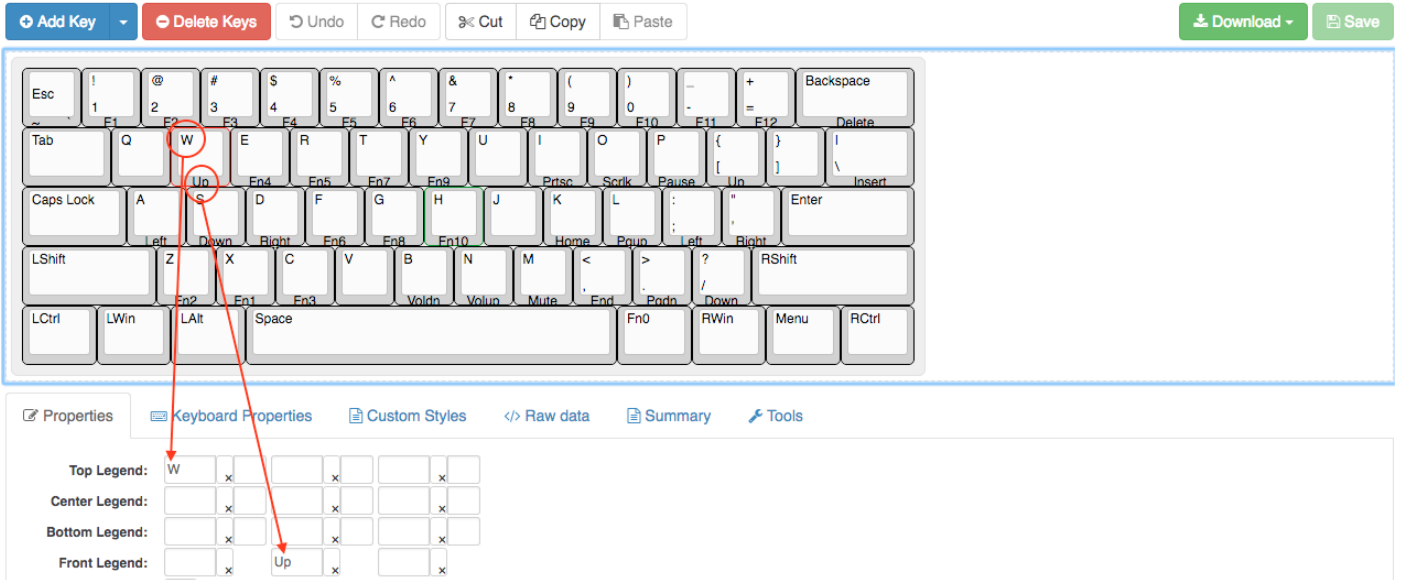


Step 4 : Go to

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

(KBP V60-Pro default layout)

Step 2 : Make your keyboard layout and Fn function



Step 5 : Copy your "RAW Data"

```
1 [{"a:2}, {"Esc"}, {"a:4}, {"!"}, {"@"}, {"#"}, {"$"}, {"%"}, {"^"}, {"&"}, {"*"}, {"("}, {")"}, {"_"}, {"+"}, {"Backspace"}, {"*"}, {"n8"}, {"n9"}, {"n0"}, {"_"}, {"n11"}, {"n12}, {"w:2}, {"Backspace"}, {"Delete"}],  
2 [{"w:1.5}, {"Tab"}, {"Q"}, {"W"}, {"Up"}, {"E"}, {"R"}, {"T"}, {"Y"}, {"U"}, {"I"}, {"O"}, {"P"}, {"["}, {""}}, {"\"}, {"Insert"}],  
3 [{"w:1.75}, {"Caps Lock"}, {"A"}, {"S"}, {"D"}, {"F"}, {"G"}, {"H"}, {"J"}, {"K"}, {"L"}, {":"}, {";"}, {"'"}, {"Enter"}],  
4 [{"w:2.25}, {"LShift"}, {"Z"}, {"X"}, {"C"}, {"V"}, {"B"}, {"N"}, {"M"}, {"<"}, {">"}, {"?"}, {"RShift"}, {"."}, {"/"}, {"Pgdn"}, {"?"}, {"/"}, {"Down"}, {"w:2.75}, {"RShift"}],  
5 [{"w:1.25}, {"LCtrl"}, {"w:1.25}, {"LWin"}, {"w:1.25}, {"LAlt"}, {"w:6.25}, {"Space"}, {"w:1.25}, {"Fn0"}, {"w:1.25}, {"RWin"}, {"w:1.25}, {"Menu"}, {"w:1.25}, {"RCtrl"}]
```

Step 6 : Go to <http://kai.tkg.io/>
Choose "Fantastic60" this keyboard

General

Keyboard

Layer

Layer Mode

Number of Layers

Layer0

Layer1

Download .eep file Download .c file

- First-party
 - Kimera
 - Kimera (Two-Headed)
 - Staryu
- Second-party
 - Fantastic60
 - AKB96
 - GH60 (RevCHN)
 - LR94
 - RedScarflI
 - RedScarflI+
 - RedScarflII
 - SMART68
 - TentaPad

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

General

Keyboard Fantastic60

Layer

Layer Mode

Composite Layer

Paste URL or Raw Data here

Paste Your Raw Data (from Keyboard Layout Editor)

<http://www.keyboard-layout-editor.com/#/gists/2b8d555742c89216b28b858c6bc1ead6>

Burn .hex file Download .eep file Download .c file

Step 8 : Fn function control and RGB Led control

Fn0	Layer action > Momentary ▾	layer	1 ▾
Fn1	Backlight action > Toggle ▾		
Fn2	Backlight action > Decrease ▾		
Fn3	Backlight action > Increase ▾		
Fn4	Others > Built-in function ▾	RGB Step ▾	
Fn5	Others > Built-in function ▾	RGB Color Decrease ▾	Red ▾
Fn6	Others > Built-in function ▾	RGB Color Decrease ▾	Green ▾
Fn7	Others > Built-in function ▾	RGB Color Decrease ▾	Blue ▾
Fn8	Others > Built-in function ▾	RGB Color Increase ▾	Red ▾
Fn9	Others > Built-in function ▾	RGB Color Increase ▾	Green ▾
Fn10	Others > Built-in function ▾	RGB Color Decrease ▾	Blue ▾

Fn function

Top LED control

Bottom RGB LED control

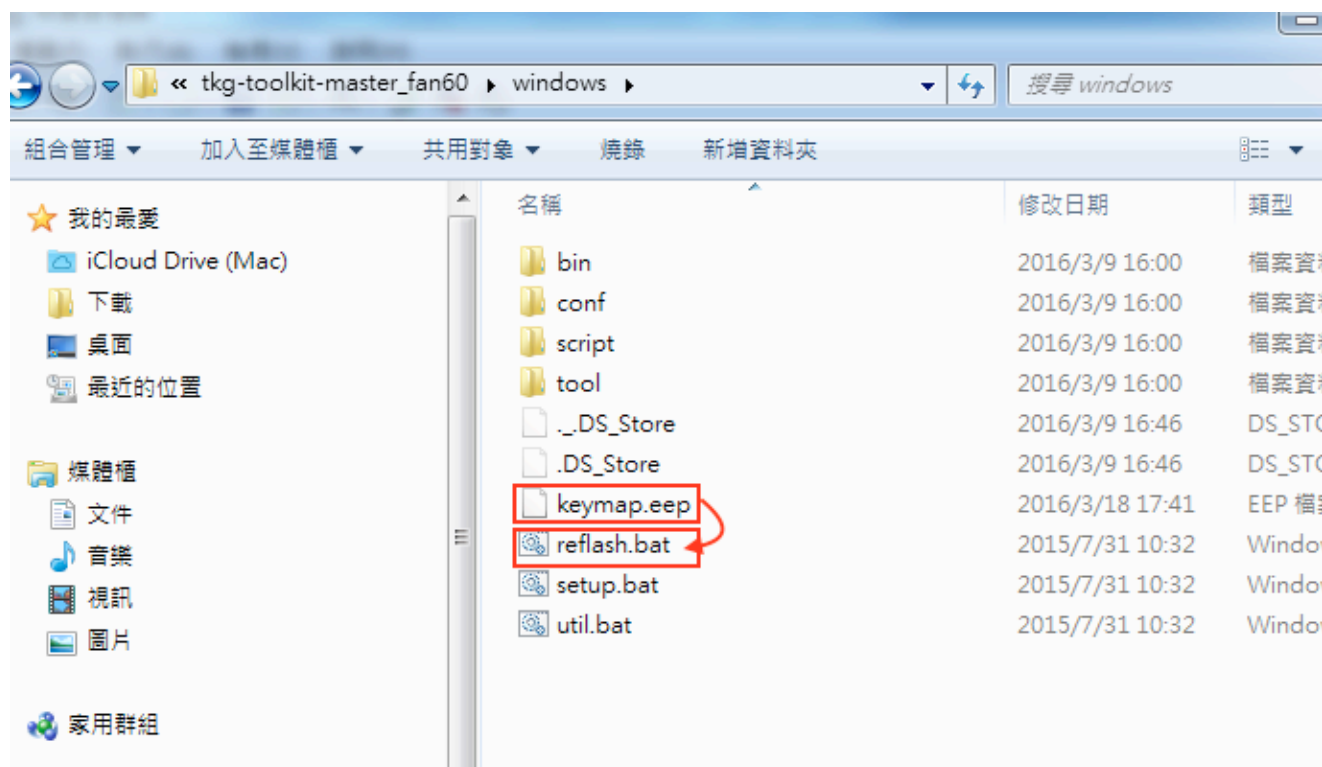
Step 9 : Download eep file to your PC-Host

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

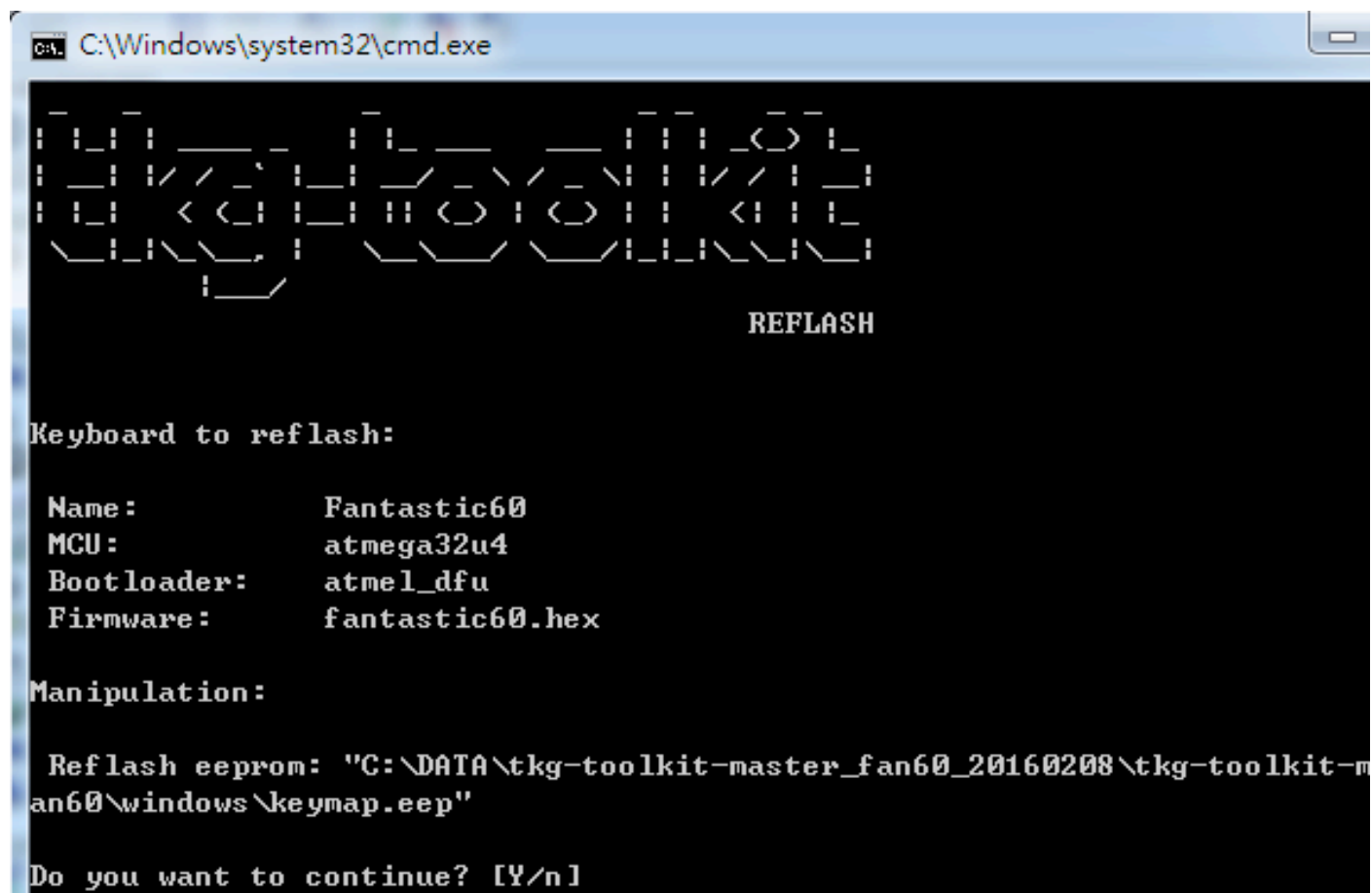
Fn0	Backlight action > Increase ▾		
Fn1	Backlight action > Decrease ▾		
Fn2	Backlight action > Toggle ▾		
Fn3	Backlight action > Momentary ▾	layer	1 ▾
Fn4	Others > Built-in function ▾	RGB Step ▾	
Fn5	Others > Built-in function ▾	RGB Color Decrease ▾	Red ▾
Fn6	Others > Built-in function ▾	RGB Color Decrease ▾	Green ▾
Fn7	Others > Built-in function ▾	RGB Color Decrease ▾	Blue ▾
Fn8	Others > Built-in function ▾	RGB Color Increase ▾	Red ▾
Fn9	Others > Built-in function ▾	RGB Color Increase ▾	Green ▾
Fn10	Others > Built-in function ▾	RGB Color Decrease ▾	Blue ▾

⌂ Burn .hex file ▾
⌂ Download .eep file
⌂ Download .c file

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



Step 11 : Program EEP to your keyboard (You might be need another keyboard to press "Enter" or "Y")



Step 12 : Try all keyboard function !!!!!!!