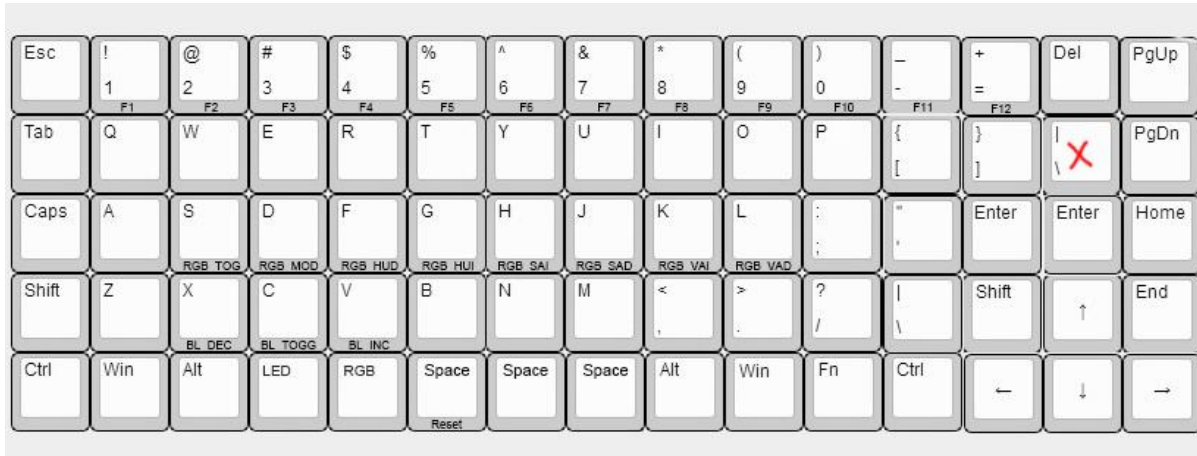
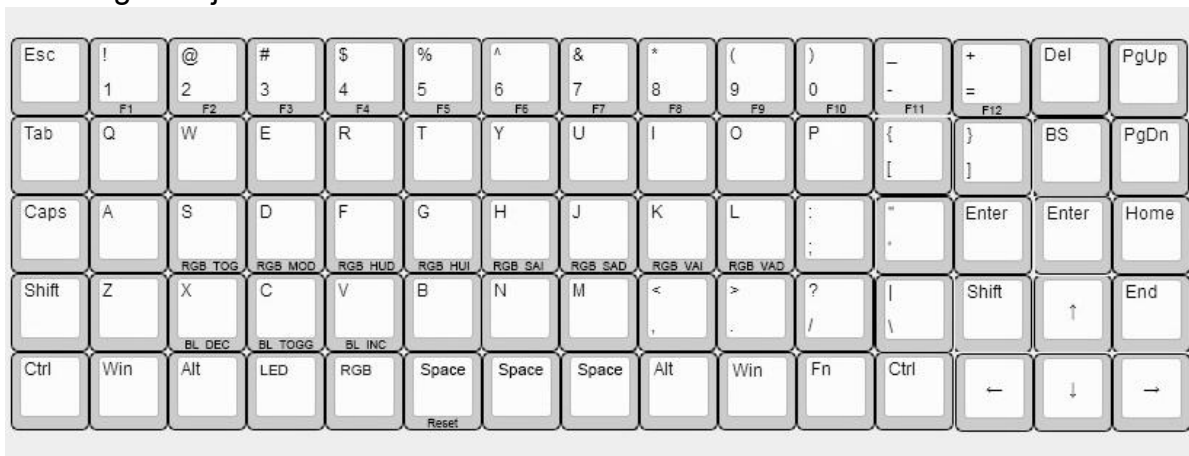


## QMK File Editing

Our purpose is to modify layout “rgb750.json”



To be “rgb751.json” as below



1.We upload the file “RGB750.json”.

(1) Open website: <http://kbfirmware.com/>

### Keyboard Firmware Builder

Upload Keyboard Firmware Builder configuration

Upload

You can upload json file here

Or import from keyboard-layout-editor.com

Paste layout here...

You can paste layout here,  
compiled thru keyboard-layout-editor

Import

Or choose a preset layout

Click here,you can choose  
a preset layout

GH60 (ANSI)

GH60 Satan (ANSI)

Alps64 (AEK)

MiniVan (Standard)

MiniVan (Arrow)

1Up RGB Custom PCB (Full)

1Up RGB Custom PCB (Standard)

1Up Sweet16

S60-X RGB (ANSI)

S60-X RGB (ISO)

S60-X RGB (Generic)

Click “Upload” in the blue box,go to file “QMK.Flasher-darwin-x64-0.5.2”,choose and upload file “RGB750.json”.You’ll see columns below:

WIRING,PINS,KEYMAP,MACROS,QUATUM,SETTINGS,COMPILE

Keyboard Firmware Builder

Board Size

Flip

01234567891011121314

0

1

2

3

4

WIRINGPINSKEYMAPMACROSQUANTUMSETTINGSCOMPILE

Change the number of rows and columns in the matrix.

Rows

−

5

+

Columns

−

15

+

Specify the diode direction.

Column to Row

Change the position of the selected key in the matrix.

No key selected

Keyboard Firmware Builder by Ruiqi Mao

QMK Firmware by Jack Humbert

Keyboard Firmware Builder is not officially related to QMK Firmware.  
This is purely a third-party tool using QMK as its firmware base.

Contribute on Github!

Keep the site alive!

Donate

(2) Click”KEYMAP”

We have “RGB750” layer 0 layout as following

Keyboard Firmware Builder

Board Size

Flip

ESC1234567890- = DEL PG...

TABQWERTYUIOP[ ] \ PG...

CA...ASDFGHJKL; ' EN... EN... HO...

LSH.ZXCVBNM, . / \ RS... UP END

LCT..LGUI LALT BL... RG... SP... SP... SP... RA... RG... MO... RC... LEFT DO... RG...

WIRINGPINSKEYMAPMACROSQUANTUMSETTINGSCOMPILE

Select a layer to modify.

▼

0

▲

Configure the selected key.

No key selected

Keyboard Firmware Builder by Ruiqi Mao

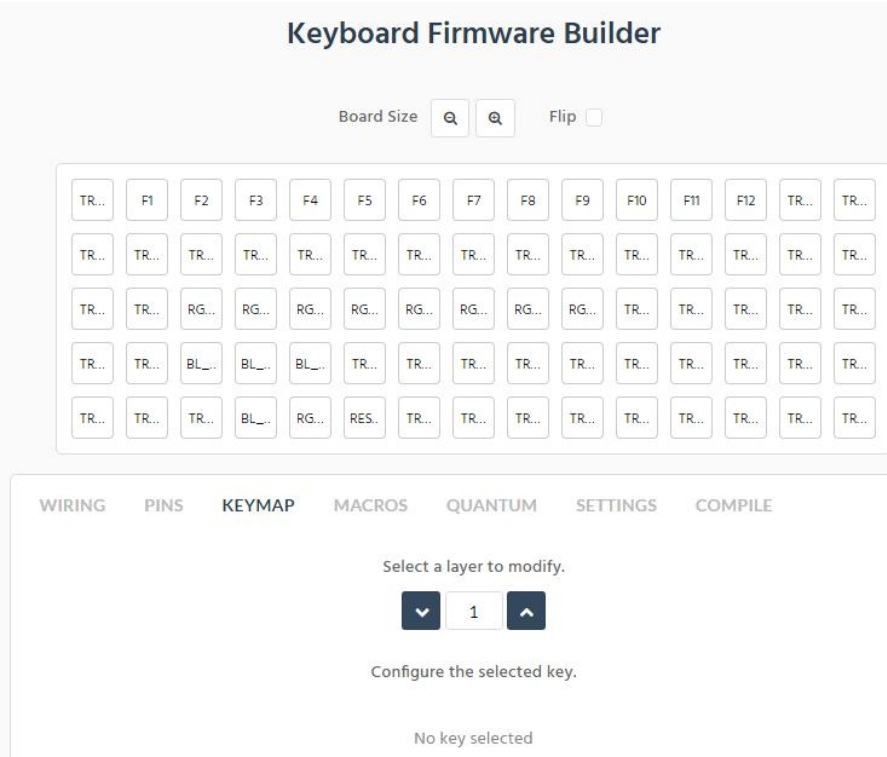
QMK Firmware by Jack Humbert

Keyboard Firmware Bullder is not officially related to QMK Firmware.  
This is purely a third-party tool using QMK as its firmware base.

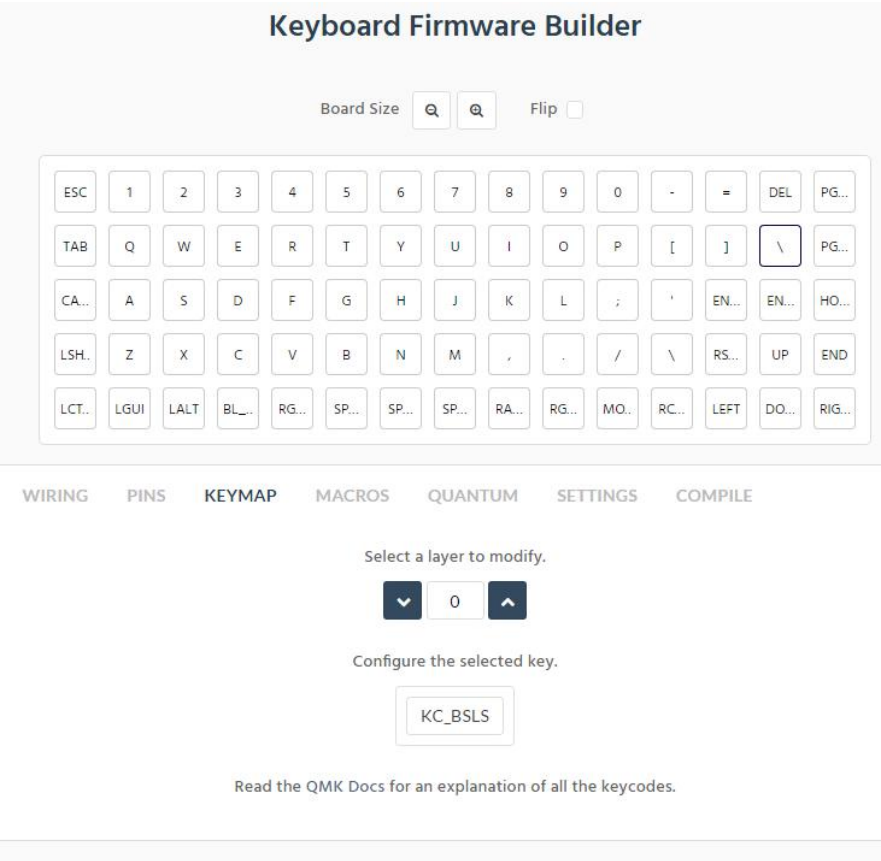
Contribute on Github!

Keep the site alive!

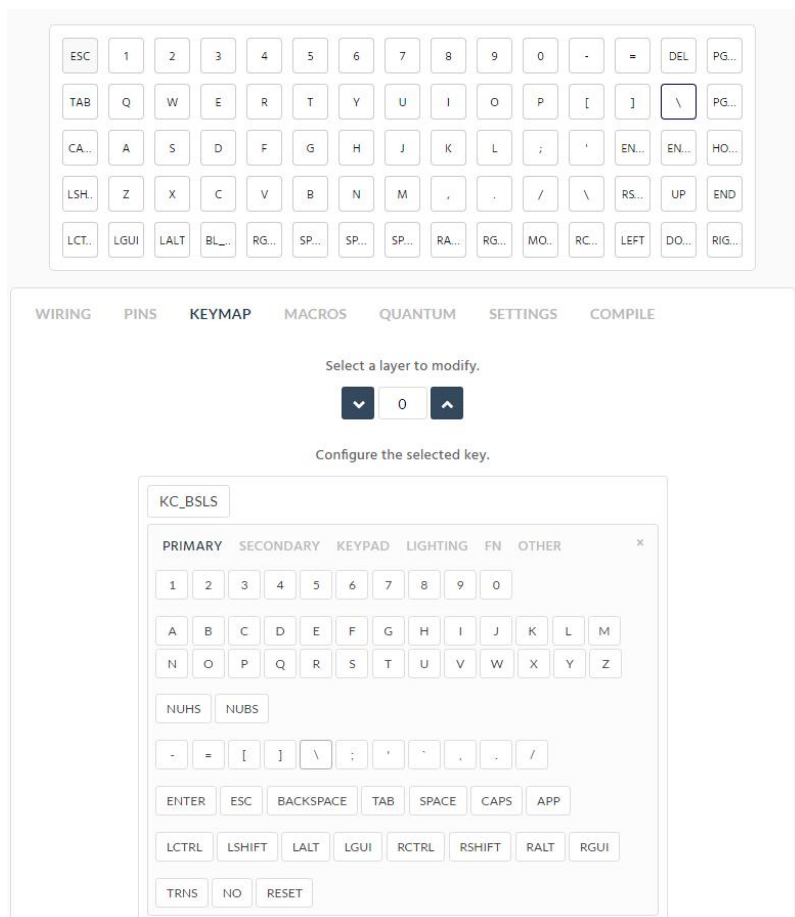
(3) Click the blue “up arrow”,then we enter layer 1



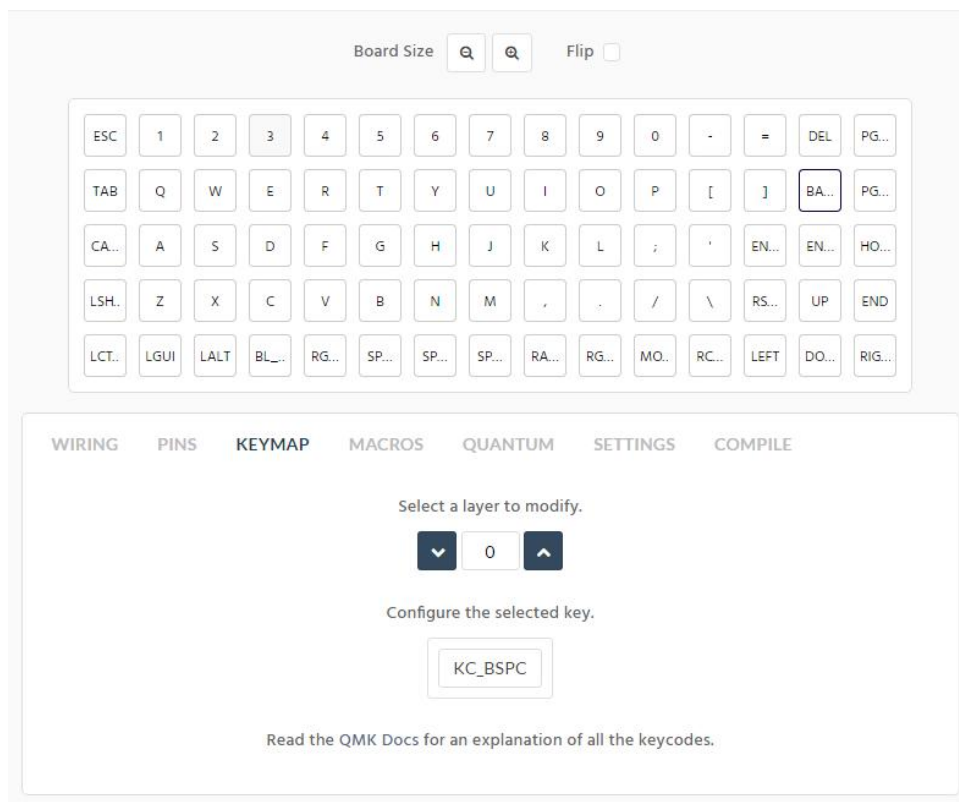
Click the blue “down arrow”,we change back to layer0  
Click “\” on the right upper window ,have following picture.



Click "KC\_BSLS",have following picture.



We are on “PRIMARY” page, find “BACKSPACE”, then click it. You’ll see “\” changed to be “BACKSPACE” as following picture.



**Note:**

“PRIMARY”--main keys zone,  
 ”SECONDARY”--function keys zone,  
 KEYPAD---keypad zone  
 LIGHTING--lighting control zone

FN--control zone

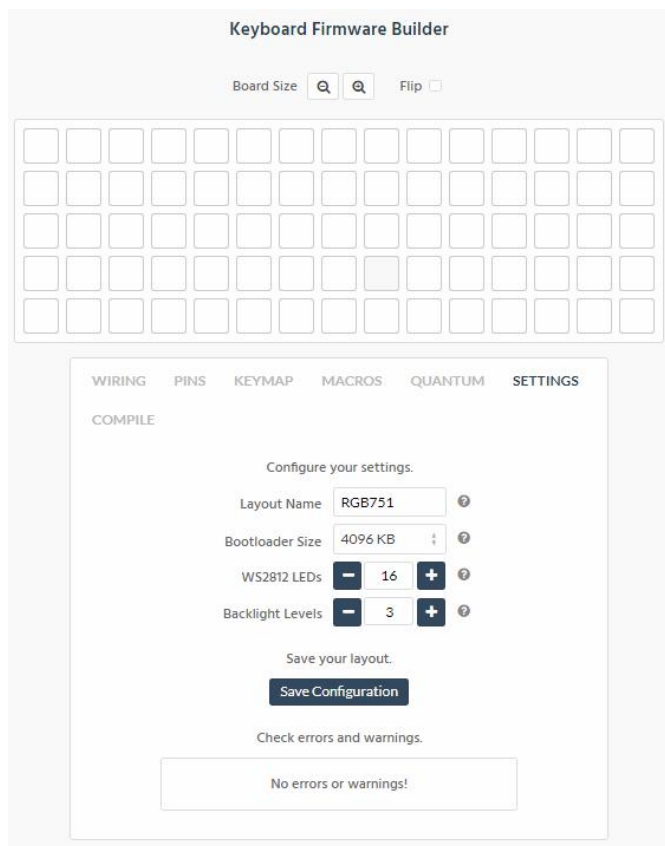
OTHER

(4)Use same method to change other keymap if you have.

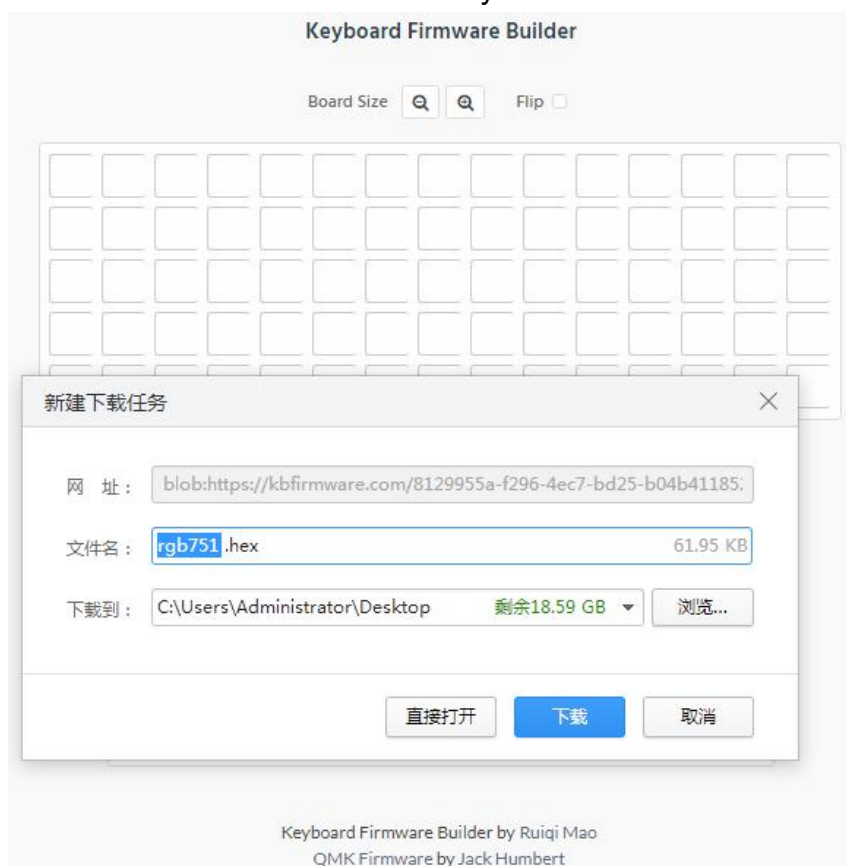
(5) After changed all the keycaps,Click”SETTINGS”

Change the layout name it to be “rgb751”.

Click “Save Configuration” black letters,Click “Download”,and save this rgb751.json file on computer.



(6)Click “COMPILE”---then click “Download.hex”--save it to be “rgb751.hex”,then you can use this hex file to re-flash the keyboard.



2. Details of some terms(Ref)

(1)PRIMARY

PRIMARYSECONDARYKEYPADLIGHTINGFNOTHER

1234567890

ABCDEFGHIJKLM

NOPQRSTUVWXYZ

NUHSNUBS

-=[\ ; ' ^ \_ , . /

ENTERESCBACKSPACETABSPACECAPSAPP

LCTRLLSHIFTLALTLGUIRCTRLRSHIFTRALTRGUI

TRNSNORESET

RESET: Like the button on the back of the PCBA

NO: Ignore this key

NUBS: NonUS keys # and ~

NUHS:NonUS keys | and \

(2)SECONDARY

PRIMARYSECONDARYKEYPADLIGHTINGFNOTHER

!@#\$%^&\*()

\_+[{]|: " ~ < > ?

F1F2F3F4F5F6F7F8F9F10F11F12

F13F14F15F16F17F18F19F20F21F22

F23F24

PSCRSLCKPAUSE

INSDELHOMEENDPGUPPGDNLEFTDOWNUP

RIGHT

POWER SLEEP WAKE MUTE VOLD VOLU PLAY STOP

PREVNEXT

F1-F24  
LEFT,DOWN,UP,RIGHT: 4 Arrows  
POWER,SLEEP,WAKE,MUTE,  
VOLD:Volume down  
VOLU:Volume up  
(3)KEYPAD

PRIMARYSECONDARYKEYPADLIGHTINGFNOTHER

NLCKP/P\*P-P+P.P=PENT

P1P2P3P4P5P6P7P8P9P0

(4)LIGHTING

PRIMARYSECONDARYKEYPADLIGHTINGFNOTHER

BL\_TOGGBL\_DECBL\_INCBL\_STEP

RGB\_TOGRGB\_MODRGB\_HUIRGB\_HUDRGB\_SAIRGB\_SAD

RGB\_VAIRGB\_VAD

BL\_TOGG:Top lighting switch  
BL\_DEC: Top lighting down  
BL\_INC:Top lighting up  
BL\_STEP:Top lighting by step  
RGB\_TOG:Bottom RGB switch  
RGB\_MOD:Bottom RGB mode  
RGB\_HUI:Bottom RGB hue increase  
RGB\_HUD:Bottom RGB hue decrease  
RGB\_SAI:Bottom RGB saturation increase  
RGB\_SAD:Bottom RGB saturation decrease  
RGB\_VAI:Bottom RGB brightness increase  
RGB\_VAD:Bottom RGB brightness decrease

(5)FN



PRIMARY
SECONDARY
KEYPAD
LIGHTING
FN
OTHER

LCTL()

LSFT()

LALT()

LGUI()

RCTL()

RSFT()

RALT()

RGUI()

HYPR()

MEH()

LCAG()

ALTG()

LT()

TO()

MO()

DF()

TG()

OSL()

OSM()

MT()

CTL\_T()

SFT\_T()

ALT\_T()

GUI\_T()

C\_S\_T()

MEH\_T()

LCAG\_T()

ALL\_T()

M()

➤ Key combinations

- **LSFT(kc)** – left shift+kc。 e.g. **LSFT(a)** =LSHIFT+A
- **RSFT(kc)** – right shift+kc。
- **LCTL(kc)** – left ctrl+kc
- **RCTL(kc)** – right ctrl+kc
- **LALT(kc)** – left alt+kc
- **RALT(kc)** – right alt+kc
- **LGUI(kc)** – left gui+kc
- **RGUI(kc)** –right gui+kc
- **HYPR(kc)** –shift+ctrl+gui+alt+kc
- **MEH(kc)** –shift+ctrl+alt+kc
- **LCAG(kc)** – ctrl+gui+alt+kc
- **ALTG(kc)** – ctrl+alt+kc

**MO(1):temporarily enter layer1,the same function as Fn(1),**

**If you set key MO(1) on layer0,then on layer1 you should set it to be TRNS.**

**If you set a certain key on layer0,then it's blank on layer1,please also set TRNS on layer1.**

**Eg:Press MO(1) +8(the key on layer0),can get F8,**

**If you release MO(1),press 8,you'll get 8.**