

【Kimera Core 单辅助芯片版】固件制作

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基础知识：kle 为 <http://www.keyboard-layout-editor.com/#/>

Tkg 为 <http://keyboard.fans/tkg/dev/>

【单辅助芯片版】的意思就是红色的 kimera core 上除了大的主控，只有一片小的辅助芯片的版本

下面以 golbat40 为例介绍，其他款只需要替换对应的行设置、列设置、矩阵映射和配列就行。

1、打开 TKG，在[通常]中选择[Kimera]，打开[设定]

将[行映射]内容改为

1,2,3,4

将[列设置]为

5,6,7,8,9,10,11,12,13,14,15,16

将[矩阵映射]改为：

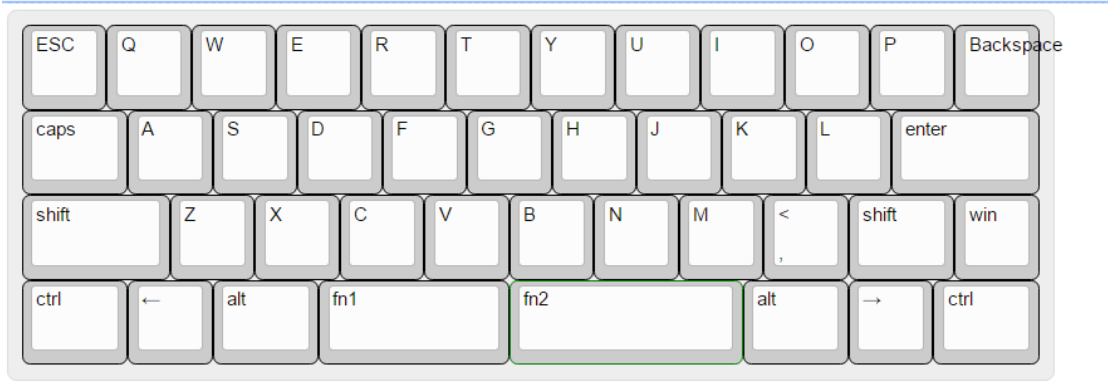
```
["1,1","1,2","1,3","1,4","1,5","1,6","1,7","1,8","1,9","1,10","1,11","1,12"],  
[{w:1.25},"2,1","2,2","2,3","2,4","2,5","2,6","2,7","2,8","2,9","2,10",{w:1.75},"2,12"],  
[{w:1.75},"3,1","3,3","3,4","3,5","3,6","3,7","3,8","3,9","3,10",{w:1.25},"3,11","3,12"],  
[{w:1.25},"4,1","4,2",{w:1.25},"4,3",{w:2.25},"4,5",{w:2.75},"4,7",{w:1.25},"4,10","4,11",{w:1.25},"4,12"]
```



2、在[层模式]下，通常使用标准模式，kimera 目前最大支持 3 层配列，这里我使用测试配列来进行两层配列的制作方法。

3、我们用 kle 得到第一层的配列：

```
["ESC","Q","W","E","R","T","Y","U","I","O","P","Backspace"],  
[{w:1.25},"caps","A","S","D","F","G","H","J","K","L",{w:1.75},"enter"],  
[{w:1.75},"shift","Z","X","C","V","B","N","M","<n",{w:1.25},"shift","win"],  
[{w:1.25},"ctrl","←",{w:1.25},"alt",{w:2.25},"fn1",{w:2.75},"fn2",{w:1.25},"alt","→",{w:1.25},"ctrl"]
```



4、然后再制作了一份第二层配列：

```
[ "ESC", "!\\n1", "@\\n2", "#\\n3", "$\\n4", "%\\n5", "F6", "F7", "F8", "F9", "F10", "Backspace"],
[ {w:1.25}, "caps", "A", "S", "D", "F", "G", "H", "J", "K", "L", {w:1.75}, "enter"],
[ {w:1.75}, "shift", "Z", "X", "C", "V", "B", "N", "M", "<\\n", {w:1.25}, "shift", "win"],
[ {w:1.25}, "ctrl", "←", {w:1.25}, "alt", {w:2.25}, "fn1", {w:2.75}, "Space", {w:1.25}, "alt", "fn3", {w:1.25}, "ctrl"]
```



5、再做一份第三层的配列

```
[ "ESC", "F1", "F2", "F3", "F4", "F5", "^\\n6", "&\\n7", "*\\n8", "(\\n9", ")\\n0", "Backspace"],
[ {w:1.25}, "caps", "A", "S", "D", "F", "G", "H", "J", "K", "L", {w:1.75}, "enter"],
[ {w:1.75}, "shift", "Z", "X", "C", "V", "B", "N", "M", "<\\n", {w:1.25}, "shift", "win"],
[ {w:1.25}, "ctrl", "Fn3", {w:1.25}, "alt", {w:2.25}, "Space", {w:2.75}, "fn2", {w:1.25}, "alt", "→", {w:1.25}, "ctrl"]
```



6、将三个配列分别贴入[第 0 层]、[第 1 层]和[第 2 层]的编辑框内。

层模式

标准

简单

多合一

层数

-

3

+

第0层

{w:1.25},"shift","win",
[{w:1.25},"ctrl","←",{w:1.25},"alt",{w:2.25},"fn1",{w:2.75},"fn2",
{w:1.25},"alt","→",{w:1.25},"ctrl"]

第1层

{w:1.25},"shift","win",
[{w:1.25},"ctrl","←",{w:1.25},"alt",{w:2.25},"fn1",{w:2.75},"Space",
{w:1.25},"alt","fn3",{w:1.25},"ctrl"]

第2层

{w:1.25},"shift","win",
[{w:1.25},"ctrl","Fn3",{w:1.25},"alt",{w:2.25},"Space",{w:2.75},"fn2",
{w:1.25},"alt","→",{w:1.25},"ctrl"]

7、设置三个[FN]，可以在 TKG 页面的右上角的[工具]中导入类似以下格式的 Fn 设置
"1":["ACTION_LAYER_MOMENTARY",1],"2":["ACTION_LAYER_MOMENTARY","2"],"3":["ACTION_BACKLIGHT_STEP"]

Fn

Fn1

层操作 > 瞬时开启

层

1

Fn2

层操作 > 瞬时开启

层

2

Fn3

背光操作 > 步进

8、将 Fn1 设置为[层操作>瞬时开启][层 1]表示按下 Fn1 后自动开启层 1 的按键。例如，按下 Fn1 后，再按右侧的 Space（在层 0 中为 Fn2），就会输出 Space 的键盘事件，这就是 Fn 的使用方法。



9、[LED]不需要特别的改动，保持默认设置即可。
10、最后[下载.eep 文件]即可。

另外

不同 PCB 款式的配置参考，需要配置多层的在基础配列上自行修改。

一、Atreus 配置：

[行映射]

1,2,3,4,5

[列设置]

9,10,11,12,13,14,15,16,8,7

[矩阵映射]

["1,1","1,2","1,3","1,4","1,5",{x:2.25},"1,6","1,7","1,8","1,9","1,10"],

```
["2,1","2,2","2,3","2,4","2,5",{x:2.25},"2,6","2,7","2,8","2,9","2,10"],  
["3,1","3,2","3,3","3,4","3,5",{x:2.25},"3,6","3,7","3,8","3,9","3,10"],  
[{y:-0.5,x:5,h:1.5},"5,5",{x:0.25,h:1.5},"5,6"],  
[{y:-0.5},"4,1","4,2","4,3","4,4","4,5",{x:2.25},"4,6","4,7","4,8","4,9","4,10"]
```

【配列】

```
[{a:7},"Q","W","E","R","T",{x:2.25},"Y","U","I","O","P"],  
["A","S","D","F","G",{x:2.25},"H","J","K","L",{a:4},"Enter"],  
["Shift",{a:7},"Z","X","C","V",{x:2.25},"B","N","M",{a:4},"<\n",">\n."],  
[{y:-0.5,x:5,h:1.5},"Space",{x:0.25,h:1.5},"Space"],  
[{y:-0.5},"Ctrl","Win","Alt","Esc","Tab",{x:2.25},"Fn0","Fn1","Ralt","Rwin","Rctrl"]
```

二、AKB L 配置（无 F 区的可以不配置第一行）：

【行映射】

1,2,3,4

【列设置】

5,6,7,8,9,10,11,12,13,14,15,16

【矩阵映射】

```
["1,1","1,2","1,3","1,4","1,5","1,6","1,7"],  
["2,1","2,2","2,3","2,4","2,5","2,6","2,7"],  
[{w:1.5},"3,1","3,2","3,3","3,4","3,5","3,6"],  
[{w:1.75},"4,1","4,2","4,3","4,4","4,5","4,6"],  
[{w:2.25},"5,1","5,2","5,3","5,4","5,5","5,6"],  
[{w:1.25},"6,1",{w:1.25},"6,2",{w:1.25},"6,3",{w:2.75},"6,5"]
```

配列

```
["Esc","F1","F2","F3","F4","F5","F6"],  
["~\n","!\n1","@\n2","#\n3","$\n4","%\n5","^\n6"],  
[{w:1.5},"Tab","Q","W","E","R","T"],  
[{w:1.75},"Caps Lock","A","S","D","F","G"],  
[{w:2.25},"Shift","Z","X","C","V","B"],  
[{w:1.25},"Ctrl",{w:1.25},"Win",{w:1.25},"Alt",{w:2.75},"Space"]
```