Keys Overview

[Basic Keys]

Key	Aliases	Description
`KC.NO`		Ignore this key (NOOP)
`KC.TRANSPARENT`	`KC.TRNS`	Use the next lowest non-transparent key
`KC.A`		`a` and `A`
`KC.B`		`b` and `B`
`KC.C`		`c` and `C`
`KC.D`		`d` and `D`
`KC.E`		`e` and `E`
`KC.F`		`f` and `F`
`KC.G`		`g` and `G`
`KC.H`		`h` and `H`
`KC.I`		`i` and `I`
`KC.J`		`j` and `J`
`KC.K`		`k` and `K`
`KC.L`		`l` and `L`
`KC.M`		`m` and `M`
`KC.N`		`n` and `N`
`KC.O`		`o` and `O`
`KC.P`		`p` and `P`
`KC.Q`		`q` and `Q`
`KC.R`		`r` and `R`
`KC.S`		`s` and `S`
`KC.T`		`t` and `T`
`KC.U`		`u` and `U`
`KC.V`		`v` and `V`
`KC.W`		`w` and `W`
`KC.X`		`x` and `X`
`KC.Y`		`y` and `Y`
`KC.Z`		`z` and `Z`
`KC.N1`		`1` and `!`
`KC.N2`		`2` and `@`
`KC.N3`		`3` and `#`
`KC.N4`		`4` and `$`
`KC.N5`		`5` and `%`
`KC.N6`		`6` and `^`
`KC.N7`		`7` and `&`
`KC.N8`		`8` and `*`
`KC.N9`		`9` and `(`
`KC.N0`		`0` and `)`
`KC.ENTER`	`KC.ENT`	Return (Enter)
`KC.ESCAPE`	`KC.ESC`	Escape
`KC.BSPACE`	`KC.BSPC`	Delete (Backspace)
`KC.TAB`		Tab
`KC.SPACE`	`KC.SPC`	Spacebar
`KC.MINUS`	`KC.MINS`	`-` and `_`
`KC.EQUAL`	`KC.EQL`	`=` and `+`
`KC.LBRACKET`	`KC.LBRC`	`[` and `{`
`KC.RBRACKET`	`KC.RBRC`	`]` and `}`
`KC.BSLASH`	`KC.BSLS`	`\` and <code>|</code>
`KC.SCOLON`	`KC.SCLN`	`;` and `:`
`KC.QUOTE`	`KC.QUOT`	`'` and `"`
`KC.GRAVE`	`KC.GRV`, `KC.ZKHK`	<code>`</code> and `~`, JIS Zenkaku/Hankaku
`KC.COMMA`	`KC.COMM`	`,` and `<`
`KC.DOT`		`.` and `>`
`KC.SLASH`	`KC.SLSH`	`/` and `?`
`KC.CAPSLOCK`	`KC.CLCK`, `KC.CAPS`	Caps Lock
`KC.F1`		F1
`KC.F2`		F2
`KC.F3`		F3

```
|`KC.F4`                  |                          |F4                                     |
|`KC.F5`                  |                          |F5                                     |
|`KC.F6`                  |                          |F6                                     |
|`KC.F7`                  |                          |F7                                     |
|`KC.F8`                  |                          |F8                                     |
|`KC.F9`                  |                          |F9                                     |
|`KC.F10`                 |                          |F10                                    |
|`KC.F11`                 |                          |F11                                    |
|`KC.F12`                 |                          |F12                                    |
|`KC.PSCREEN`             |`KC.PSCR`                 |Print Screen                           |
|`KC.SCROLLLOCK`          |`KC.SLCK`                 |Scroll Lock                            |
|`KC.PAUSE`               |`KC.PAUS`, `KC.BRK`       |Pause                                  |
|`KC.INSERT`              |`KC.INS`                  |Insert                                 |
|`KC.HOME`                |                          |Home                                   |
|`KC.PGUP`                |                          |Page Up                                |
|`KC.DELETE`              |`KC.DEL`                  |Forward Delete                         |
|`KC.END`                 |                          |End                                    |
|`KC.PGDOWN`              |`KC.PGDN`                 |Page Down                              |
|`KC.RIGHT`               |`KC.RGHT`                 |Right Arrow                            |
|`KC.LEFT`                |                          |Left Arrow                             |
|`KC.DOWN`                |                          |Down Arrow                             |
|`KC.UP`                  |                          |Up Arrow                               |
|`KC.NUMLOCK`             |`KC.NLCK`                 |Keypad Num Lock and Clear              |
|`KC.KP_SLASH`            |`KC.PSLS`                 |Keypad `/`                             |
|`KC.KP_ASTERISK`         |`KC.PAST`                 |Keypad `*`                             |
|`KC.KP_MINUS`            |`KC.PMNS`                 |Keypad `-`                             |
|`KC.KP_PLUS`             |`KC.PPLS`                 |Keypad `+`                             |
|`KC.KP_ENTER`            |`KC.PENT`                 |Keypad Enter                           |
|`KC.KP_1`                |`KC.P1`                   |Keypad `1` and End                     |
|`KC.KP_2`                |`KC.P2`                   |Keypad `2` and Down Arrow              |
|`KC.KP_3`                |`KC.P3`                   |Keypad `3` and Page Down               |
|`KC.KP_4`                |`KC.P4`                   |Keypad `4` and Left Arrow              |
|`KC.KP_5`                |`KC.P5`                   |Keypad `5`                             |
|`KC.KP_6`                |`KC.P6`                   |Keypad `6` and Right Arrow             |
|`KC.KP_7`                |`KC.P7`                   |Keypad `7` and Home                    |
|`KC.KP_8`                |`KC.P8`                   |Keypad `8` and Up Arrow                |
|`KC.KP_9`                |`KC.P9`                   |Keypad `9` and Page Up                 |
|`KC.KP_0`                |`KC.P0`                   |Keypad `0` and Insert                  |
|`KC.KP_DOT`              |`KC.PDOT`                 |Keypad `.` and Delete                  |
|`KC.KP_EQUAL`            |`KC.PEQL`                 |Keypad `=`                             |
|`KC.F13`                 |                          |F13                                    |
|`KC.F14`                 |                          |F14                                    |
|`KC.F15`                 |                          |F15                                    |
|`KC.F16`                 |                          |F16                                    |
|`KC.F17`                 |                          |F17                                    |
|`KC.F18`                 |                          |F18                                    |
|`KC.F19`                 |                          |F19                                    |
|`KC.F20`                 |                          |F20                                    |
|`KC.F21`                 |                          |F21                                    |
|`KC.F22`                 |                          |F22                                    |
|`KC.F23`                 |                          |F23                                    |
|`KC.F24`                 |                          |F24                                    |
|`KC.LOCKING_CAPS`        |`KC.LCAP`                 |Locking Caps Lock                      |
|`KC.LOCKING_NUM`         |`KC.LNUM`                 |Locking Num Lock                       |
|`KC.LOCKING_SCROLL`      |`KC.LSCR`                 |Locking Scroll Lock                    |
|`KC.KP_COMMA`            |`KC.PCMM`                 |Keypad `,`                             |
|`KC.KP_EQUAL_AS400`      |                          |Keypad `=` on AS/400 keyboards         |
|`KC.LCTRL`               |`KC.LCTL`                 |Left Control                           |
|`KC.LSHIFT`              |`KC.LSFT`                 |Left Shift                             |
|`KC.LALT`                |                          |Left Alt                               |
|`KC.LGUI`                |`KC.LCMD`, `KC.LWIN`      |Left GUI (Windows/Command/Meta key)    |
|`KC.RCTRL`               |`KC.RCTL`                 |Right Control                          |
|`KC.RSHIFT`              |`KC.RSFT`                 |Right Shift                            |
|`KC.RALT`                |                          |Right Alt                              |
```

|`KC.RGUI` |`KC.RCMD`, `KC.RWIN`|Right GUI (Windows/Command/Meta key) |

[US ANSI Shifted Symbols]

Key	Aliases	Description
`KC.TILDE`	`KC.TILD`	`~`
`KC.EXCLAIM`	`KC.EXLM`	`!`
`KC.AT`		`@`
`KC.HASH`		`#`
`KC.DOLLAR`	`KC.DLR`	`$`
`KC.PERCENT`	`KC.PERC`	`%`
`KC.CIRCUMFLEX`	`KC.CIRC`	`^`
`KC.AMPERSAND`	`KC.AMPR`	`&`
`KC.ASTERISK`	`KC.ASTR`	`*`
`KC.LEFT_PAREN`	`KC.LPRN`	`(`
`KC.RIGHT_PAREN`	`KC.RPRN`	`)`
`KC.UNDERSCORE`	`KC.UNDS`	`_`
`KC.PLUS`		`+`
`KC.LEFT_CURLY_BRACE`	`KC.LCBR`	`{`
`KC.RIGHT_CURLY_BRACE`	`KC.RCBR`	`}`
`KC.PIPE`		<code>|</code>
`KC.COLON`	`KC.COLN`	`:`
`KC.DOUBLE_QUOTE`	`KC.DQUO`, `KC.DQT`	`"`
`KC.LEFT_ANGLE_BRACKET`	`KC.LABK`	`<`
`KC.RIGHT_ANGLE_BRACKET`	`KC.RABK`	`>`
`KC.QUESTION`	`KC.QUES`	`?`

[International Keys]

Key	Aliases	Description
`KC.NONUS_HASH`	`KC.NUHS`	ISO Left of Return
`KC.NONUS_BSLASH`	`KC.NUBS`	ISO Right of LSHIFT
`KC.APPLICATION`	`KC.APP`,`KC.SEL`,`KC.WINMENU`	Menu Key (Near RCTRL)
`KC.INT1`	`KC.RO`	
`KC.INT2`	`KC.KANA`	
`KC.INT3`	`KC.JYEN`	
`KC.INT4`	`KC.HENK`	
`KC.INT5`	`KC.MHEN`	
`KC.INT6`		
`KC.INT7`		
`KC.INT8`		
`KC.INT9`		
`KC.LANG1`	`HAEN`	
`KC.LANG2`	`HAEJ`	
`KC.LANG3`		
`KC.LANG4`		
`KC.LANG5`		
`KC.LANG6`		
`KC.LANG7`		
`KC.LANG8`		
`KC.LANG9`		

[Internal Keys]

Key	Description
`KC.RESET`	Restarts the keyboard
`KC.RELOAD`, `KC.RLD`	Reloads the keyboard software, preserving any serial connections
`KC.DEBUG`	Toggle `debug_enabled`, which enables log spew to serial console
`KC.ANY`	Any key between `A` and `/`
`KC.GESC`	Escape when tapped, <code>`</code> when pressed with Shift or GUI

```
| `KC.BKDL`             | Backspace when tapped, Delete when pressed with GUI             |
| `KC.UC_MODE_NOOP`     | Sets UnicodeMode to NOOP                                        |
| `KC.UC_MODE_LINUX`    | Sets UnicodeMode to Linux                                       |
| `KC.UC_MODE_MACOS`    | Sets UnicodeMode to macOS                                       |
| `KC.UC_MODE_WINC`     | Sets UnicodeMode to WinCompose                                  |
| `KC.MACRO_SLEEP_MS(ms)` | Sleeps in a macro. See [SEQUENCES](sequences.md) for more information. |
```

[Modifiers]

```
|Key          |Description                          |
|-------------|-------------------------------------|
|`KC.HYPR`    |Hold Left Control, Shift, Alt and GUI |
|`KC.MEH`     |Hold Left Control, Shift and Alt     |
|`KC.LCTL(kc)`|Hold Left Control and press `kc`     |
|`KC.LSFT(kc)`|Hold Left Shift and press `kc`       |
|`KC.LALT(kc)`|Hold Left Alt and press `kc`         |
|`KC.LGUI(kc)`|Hold Left GUI and press `kc`         |
|`KC.RCTL(kc)`|Hold Right Control and press `kc`    |
|`KC.RSFT(kc)`|Hold Right Shift and press `kc`      |
|`KC.RALT(kc)`|Hold Right Alt and press `kc`        |
|`KC.RGUI(kc)`|Hold Right GUI and press `kc`        |
```

[Bluetooth Keys]

```
|Key                         |Aliases           |Description                       |
|----------------------------|------------------|----------------------------------|
|`KC.BT_CLEAR_BONDS`         |`KC.BT_CLR`       |Clears all stored bondings        |
|`KC.BT_NEXT_CONN`           |`KC.BT_NXT`       |Selects the next BT connection    |
|`KC.BT_PREV_CONN`           |`KC.BT_PRV`       |Selects the previous BT connection|
```

[Media Keys]
See [MediaKeys extension](media_keys.md).