Keycodes Overview

When defining a keymap each key needs a valid key definition. This page documents the symbols that correspond to keycodes that are available to you in QMK.

This is a reference only. Each group of keys links to the page documenting their functionality in more detail.

Basic Keycodes

See also: Basic Keycodes

Key	Aliases	Description	Windows	macOS	Linux[1]
KC_NO	XXXXXXX	Ignore this key (NOOP)	*N/A*	*N/A*	*N/A*
KC_TRANSPARENT	KC_TRNS, ▁▁▁▁▁	Use the next lowest non-transparent key	*N/A*	*N/A*	*N/A*
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	✔	✔	✔

Key	Aliases	Description	Windows	macOS	Linux[1]
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_1		1 and !	✔	✔	✔
KC_2		2 and @	✔	✔	✔
KC_3		3 and #	✔	✔	✔
KC_4		4 and $	✔	✔	✔
KC_5		5 and %	✔	✔	✔
KC_6		6 and ^	✔	✔	✔
KC_7		7 and &	✔	✔	✔
KC_8		8 and *	✔	✔	✔
KC_9		9 and (	✔	✔	✔
KC_0		0 and)	✔	✔	✔
KC_ENTER	KC_ENT	Return (Enter)	✔	✔	✔
KC_ESCAPE	KC_ESC	Escape	✔	✔	✔
KC_BACKSPACE	KC_BSPC	Delete (Backspace)	✔	✔	✔
KC_TAB		Tab	✔	✔	✔
KC_SPACE	KC_SPC	Spacebar	✔	✔	✔
KC_MINUS	KC_MINS	- and _	✔	✔	✔
KC_EQUAL	KC_EQL	= and +	✔	✔	✔
KC_LEFT_BRACKET	KC_LBRC	[and {	✔	✔	✔
KC_RIGHT_BRACKET	KC_RBRC	] and }	✔	✔	✔
KC_BACKSLASH	KC_BSLS	\ and |	✔	✔	✔
KC_NONUS_HASH	KC_NUHS	Non-US # and ~	✔	✔	✔
KC_SEMICOLON	KC_SCLN	; and :	✔	✔	✔
KC_QUOTE	KC_QUOT	' and "	✔	✔	✔
KC_GRAVE	KC_GRV	` and ~	✔	✔	✔
KC_COMMA	KC_COMM	, and <	✔	✔	✔
KC_DOT		. and >	✔	✔	✔
KC_SLASH	KC_SLSH	/ and ?	✔	✔	✔
KC_CAPS_LOCK	KC_CAPS	Caps Lock	✔	✔	✔
KC_F1		F1	✔	✔	✔
KC_F2		F2	✔	✔	✔
KC_F3		F3	✔	✔	✔

Key	Aliases	Description	Windows	macOS	Linux[1]
`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_PRINT_SCREEN`	`KC_PSCR`	Print Screen	✔	✔[2]	✔
`KC_SCROLL_LOCK`	`KC_SCRL`, `KC_BRMD`	Scroll Lock, Brightness Down (macOS)	✔	✔[2]	✔
`KC_PAUSE`	`KC_PAUS`, `KC_BRK`, `KC_BRMU`	Pause, Brightness Up (macOS)	✔	✔[2]	✔
`KC_INSERT`	`KC_INS`	Insert	✔		✔
`KC_HOME`		Home	✔	✔	✔
`KC_PAGE_UP`	`KC_PGUP`	Page Up	✔	✔	✔
`KC_DELETE`	`KC_DEL`	Forward Delete	✔	✔	✔
`KC_END`		End	✔	✔	✔
`KC_PAGE_DOWN`	`KC_PGDN`	Page Down	✔	✔	✔
`KC_RIGHT`	`KC_RGHT`	Right Arrow	✔	✔	✔
`KC_LEFT`		Left Arrow	✔	✔	✔
`KC_DOWN`		Down Arrow	✔	✔	✔
`KC_UP`		Up Arrow	✔	✔	✔
`KC_NUM_LOCK`	`KC_NUM`	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	✔	✔	✔

Key	Aliases	Description	Windows	macOS	Linux[1]
KC_NONUS_BACKSLASH	KC_NUBS	Non-US \ and ¦	✔	✔	✔
KC_APPLICATION	KC_APP	Application (Windows Context Menu Key)	✔		✔
KC_KB_POWER		System Power		✔[3]	✔
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_EXECUTE	KC_EXEC	Execute			✔
KC_HELP		Help			✔
KC_MENU		Menu			✔
KC_SELECT	KC_SLCT	Select			✔
KC_STOP		Stop			✔
KC_AGAIN	KC_AGIN	Again			✔
KC_UNDO		Undo			✔
KC_CUT		Cut			✔
KC_COPY		Copy			✔
KC_PASTE	KC_PSTE	Paste			✔
KC_FIND		Find			✔
KC_KB_MUTE		Mute		✔	✔
KC_KB_VOLUME_UP		Volume Up		✔	✔
KC_KB_VOLUME_DOWN		Volume Down		✔	✔
KC_LOCKING_CAPS_LOCK	KC_LCAP	Locking Caps Lock	✔	✔	
KC_LOCKING_NUM_LOCK	KC_LNUM	Locking Num Lock	✔	✔	
KC_LOCKING_SCROLL_LOCK	KC_LSCR	Locking Scroll Lock	✔	✔	
KC_KP_COMMA	KC_PCMM	Keypad ,			✔
KC_KP_EQUAL_AS400		Keypad = on AS/400 keyboards			
KC_INTERNATIONAL_1	KC_INT1	International 1	✔		✔
KC_INTERNATIONAL_2	KC_INT2	International 2	✔		✔
KC_INTERNATIONAL_3	KC_INT3	International 3	✔		✔
KC_INTERNATIONAL_4	KC_INT4	International 4	✔		✔
KC_INTERNATIONAL_5	KC_INT5	International 5	✔		✔

Key	Aliases	Description	Windows	macOS	Linux[1]
KC_INTERNATIONAL_6	KC_INT6	International 6			✔
KC_INTERNATIONAL_7	KC_INT7	International 7			
KC_INTERNATIONAL_8	KC_INT8	International 8			
KC_INTERNATIONAL_9	KC_INT9	International 9			
KC_LANGUAGE_1	KC_LNG1	Language 1			✔
KC_LANGUAGE_2	KC_LNG2	Language 2			✔
KC_LANGUAGE_3	KC_LNG3	Language 3			✔
KC_LANGUAGE_4	KC_LNG4	Language 4			✔
KC_LANGUAGE_5	KC_LNG5	Language 5			✔
KC_LANGUAGE_6	KC_LNG6	Language 6			
KC_LANGUAGE_7	KC_LNG7	Language 7			
KC_LANGUAGE_8	KC_LNG8	Language 8			
KC_LANGUAGE_9	KC_LNG9	Language 9			
KC_ALTERNATE_ERASE	KC_ERAS	Alternate Erase			
KC_SYSTEM_REQUEST	KC_SYRQ	SysReq/Attention			
KC_CANCEL	KC_CNCL	Cancel			
KC_CLEAR	KC_CLR	Clear			✔
KC_PRIOR	KC_PRIR	Prior			
KC_RETURN	KC_RETN	Return			
KC_SEPARATOR	KC_SEPR	Separator			
KC_OUT		Out			
KC_OPER		Oper			
KC_CLEAR_AGAIN	KC_CLAG	Clear/Again			
KC_CRSEL	KC_CRSL	CrSel/Props			
KC_EXSEL	KC_EXSL	ExSel			
KC_LEFT_CTRL	KC_LCTL	Left Control	✔	✔	✔
KC_LEFT_SHIFT	KC_LSFT	Left Shift	✔	✔	✔
KC_LEFT_ALT	KC_LALT, KC_LOPT	Left Alt (Option)	✔	✔	✔
KC_LEFT_GUI	KC_LGUI, KC_LCMD, KC_LWIN	Left GUI (Windows/Command/Meta key)	✔	✔	✔
KC_RIGHT_CTRL	KC_RCTL	Right Control	✔	✔	✔
KC_RIGHT_SHIFT	KC_RSFT	Right Shift	✔	✔	✔
KC_RIGHT_ALT	KC_RALT, KC_ROPT, KC_ALGR	Right Alt (Option/AltGr)	✔	✔	✔
KC_RIGHT_GUI	KC_RGUI, KC_RCMD, KC_RWIN	Right GUI (Windows/Command/Meta key)	✔	✔	✔
KC_SYSTEM_POWER	KC_PWR	System Power Down	✔	✔[3]	✔
KC_SYSTEM_SLEEP	KC_SLEP	System Sleep	✔	✔[3]	✔
KC_SYSTEM_WAKE	KC_WAKE	System Wake		✔[3]	✔
KC_AUDIO_MUTE	KC_MUTE	Mute	✔	✔	✔
KC_AUDIO_VOL_UP	KC_VOLU	Volume Up	✔	✔[4]	✔

Key	Aliases	Description	Windows	macOS	Linux[1]
`KC_AUDIO_VOL_DOWN`	`KC_VOLD`	Volume Down	✔	✔[4]	✔
`KC_MEDIA_NEXT_TRACK`	`KC_MNXT`	Next Track	✔	✔[5]	✔
`KC_MEDIA_PREV_TRACK`	`KC_MPRV`	Previous Track	✔	✔[5]	✔
`KC_MEDIA_STOP`	`KC_MSTP`	Stop Track	✔		✔
`KC_MEDIA_PLAY_PAUSE`	`KC_MPLY`	Play/Pause Track	✔	✔	✔
`KC_MEDIA_SELECT`	`KC_MSEL`	Launch Media Player	✔		✔
`KC_MEDIA_EJECT`	`KC_EJCT`	Eject		✔	✔
`KC_MAIL`		Launch Mail	✔		✔
`KC_CALCULATOR`	`KC_CALC`	Launch Calculator	✔		✔
`KC_MY_COMPUTER`	`KC_MYCM`	Launch My Computer	✔		✔
`KC_WWW_SEARCH`	`KC_WSCH`	Browser Search	✔		✔
`KC_WWW_HOME`	`KC_WHOM`	Browser Home	✔		✔
`KC_WWW_BACK`	`KC_WBAK`	Browser Back	✔		✔
`KC_WWW_FORWARD`	`KC_WFWD`	Browser Forward	✔		✔
`KC_WWW_STOP`	`KC_WSTP`	Browser Stop	✔		✔
`KC_WWW_REFRESH`	`KC_WREF`	Browser Refresh	✔		✔
`KC_WWW_FAVORITES`	`KC_WFAV`	Browser Favorites	✔		✔
`KC_MEDIA_FAST_FORWARD`	`KC_MFFD`	Next Track	✔	✔[5]	✔
`KC_MEDIA_REWIND`	`KC_MRWD`	Previous Track	✔[6]	✔[5]	✔
`KC_BRIGHTNESS_UP`	`KC_BRIU`	Brightness Up	✔	✔	✔
`KC_BRIGHTNESS_DOWN`	`KC_BRID`	Brightness Down	✔	✔	✔
`KC_CONTROL_PANEL`	`KC_CPNL`	Open Control Panel	✔		
`KC_ASSISTANT`	`KC_ASST`	Launch Context-Aware Assistant	✔		
`KC_MISSION_CONTROL`	`KC_MCTL`	Open Mission Control		✔	
`KC_LAUNCHPAD`	`KC_LPAD`	Open Launchpad		✔	

1. The Linux kernel HID driver recognizes nearly all keycodes, but the default bindings depend on the DE/WM.

2. Treated as F13-F15.

3. Must be held for about three seconds, and will display a prompt instead.

4. Holding Shift+Option allows for finer control of volume level.

5. Skips the entire track in iTunes when tapped, seeks within the current track when held.

6. WMP does not recognize the Rewind key, but both alter playback speed in VLC.

Quantum Keycodes

See also: Quantum Keycodes

Key	Aliases	Description
`QK_BOOTLOADER`	`QK_BOOT`	Put the keyboard into bootloader mode for flashing
`QK_DEBUG_TOGGLE`	`DB_TOGG`	Toggle debug mode

Key	Aliases	Description
`QK_CLEAR_EEPROM`	`EE_CLR`	Reinitializes the keyboard's EEPROM (persistent memory)
`QK_MAKE`		Sends `qmk compile -kb (keyboard) -km (keymap)`, or `qmk flash` if shift is held. Puts keyboard into bootloader mode if shift & control are held
`QK_REBOOT`	`QK_RBT`	Resets the keyboard. Does not load the bootloader

Audio Keys

See also: Audio

Key	Aliases	Description
`QK_AUDIO_ON`	`AU_ON`	Turns on Audio Feature
`QK_AUDIO_OFF`	`AU_OFF`	Turns off Audio Feature
`QK_AUDIO_TOGGLE`	`AU_TOGG`	Toggles Audio state
`QK_AUDIO_CLICKY_TOGGLE`	`CK_TOGG`	Toggles Audio clicky mode
`QK_AUDIO_CLICKY_ON`	`CK_ON`	Turns on Audio clicky mode
`QK_AUDIO_CLICKY_OFF`	`CK_OFF`	Turns on Audio clicky mode
`QK_AUDIO_CLICKY_UP`	`CK_UP`	Increases frequency of the clicks
`QK_AUDIO_CLICKY_DOWN`	`CK_DOWN`	Decreases frequency of the clicks
`QK_AUDIO_CLICKY_RESET`	`CK_RST`	Resets frequency to default
`QK_MUSIC_ON`	`MU_ON`	Turns on Music Mode
`QK_MUSIC_OFF`	`MU_OFF`	Turns off Music Mode
`QK_MUSIC_TOGGLE`	`MU_TOGG`	Toggles Music Mode
`QK_MUSIC_MODE_NEXT`	`MU_NEXT`	Cycles through the music modes
`QK_AUDIO_VOICE_NEXT`	`AU_NEXT`	Cycles through the audio voices
`QK_AUDIO_VOICE_PREVIOUS`	`AU_PREV`	Cycles through the audio voices in reverse

Auto Shift

See also: Auto Shift

Key	Aliases	Description
`QK_AUTO_SHIFT_DOWN`	`AS_DOWN`	Lower the Auto Shift timeout variable (down)
`QK_AUTO_SHIFT_UP`	`AS_UP`	Raise the Auto Shift timeout variable (up)
`QK_AUTO_SHIFT_REPORT`	`AS_RPT`	Report your current Auto Shift timeout value
`QK_AUTO_SHIFT_ON`	`AS_ON`	Turns on the Auto Shift Function
`QK_AUTO_SHIFT_OFF`	`AS_OFF`	Turns off the Auto Shift Function
`QK_AUTO_SHIFT_TOGGLE`	`AS_TOGG`	Toggles the state of the Auto Shift feature

Autocorrect

See also: Autocorrect

Key	Aliases	Description

Key	Aliases	Description
QK_AUTOCORRECT_ON	AC_ON	Turns on the Autocorrect feature.
QK_AUTOCORRECT_OFF	AC_OFF	Turns off the Autocorrect feature.
QK_AUTOCORRECT_TOGGLE	AC_TOGG	Toggles the status of the Autocorrect feature.

Backlighting

See also: Backlighting

Key	Aliases	Description
QK_BACKLIGHT_TOGGLE	BL_TOGG	Turn the backlight on or off
QK_BACKLIGHT_STEP	BL_STEP	Cycle through backlight levels
QK_BACKLIGHT_ON	BL_ON	Set the backlight to max brightness
QK_BACKLIGHT_OFF	BL_OFF	Turn the backlight off
QK_BACKLIGHT_UP	BL_UP	Increase the backlight level
QK_BACKLIGHT_DOWN	BL_DOWN	Decrease the backlight level
QK_BACKLIGHT_TOGGLE_BREATHING	BL_BRTG	Toggle backlight breathing

Bluetooth

See also: Bluetooth

Key	Aliases	Description
QK_OUTPUT_AUTO	OU_AUTO	Automatically switch between USB and Bluetooth
QK_OUTPUT_USB	OU_USB	USB only
QK_OUTPUT_BLUETOOTH	OU_BT	Bluetooth only

Caps Word

See also: Caps Word

Key	Aliases	Description
QK_CAPS_WORD_TOGGLE	CW_TOGG	Toggles Caps Word

Dynamic Macros

See also: Dynamic Macros

Key	Aliases	Description
QK_DYNAMIC_MACRO_RECORD_START_1	DM_REC1	Start recording Macro 1
QK_DYNAMIC_MACRO_RECORD_START_2	DM_REC2	Start recording Macro 2
QK_DYNAMIC_MACRO_PLAY_1	DM_PLY1	Replay Macro 1
QK_DYNAMIC_MACRO_PLAY_2	DM_PLY2	Replay Macro 2
QK_DYNAMIC_MACRO_RECORD_STOP	DM_RSTP	Finish the macro that is currently being recorded.

Grave Escape

See also: Grave Escape

Key	Aliases	Description
`QK_GRAVE_ESCAPE`	`QK_GESC`	Escape when pressed, ` when Shift or GUI are held

Joystick

See also: Joystick

Key	Aliases	Description
`QK_JOYSTICK_BUTTON_0`	`JS_0`	Button 0
`QK_JOYSTICK_BUTTON_1`	`JS_1`	Button 1
`QK_JOYSTICK_BUTTON_2`	`JS_2`	Button 2
`QK_JOYSTICK_BUTTON_3`	`JS_3`	Button 3
`QK_JOYSTICK_BUTTON_4`	`JS_4`	Button 4
`QK_JOYSTICK_BUTTON_5`	`JS_5`	Button 5
`QK_JOYSTICK_BUTTON_6`	`JS_6`	Button 6
`QK_JOYSTICK_BUTTON_7`	`JS_7`	Button 7
`QK_JOYSTICK_BUTTON_8`	`JS_8`	Button 8
`QK_JOYSTICK_BUTTON_9`	`JS_9`	Button 9
`QK_JOYSTICK_BUTTON_10`	`JS_10`	Button 10
`QK_JOYSTICK_BUTTON_11`	`JS_11`	Button 11
`QK_JOYSTICK_BUTTON_12`	`JS_12`	Button 12
`QK_JOYSTICK_BUTTON_13`	`JS_13`	Button 13
`QK_JOYSTICK_BUTTON_14`	`JS_14`	Button 14
`QK_JOYSTICK_BUTTON_15`	`JS_15`	Button 15
`QK_JOYSTICK_BUTTON_16`	`JS_16`	Button 16
`QK_JOYSTICK_BUTTON_17`	`JS_17`	Button 17
`QK_JOYSTICK_BUTTON_18`	`JS_18`	Button 18
`QK_JOYSTICK_BUTTON_19`	`JS_19`	Button 19
`QK_JOYSTICK_BUTTON_20`	`JS_20`	Button 20
`QK_JOYSTICK_BUTTON_21`	`JS_21`	Button 21
`QK_JOYSTICK_BUTTON_22`	`JS_22`	Button 22
`QK_JOYSTICK_BUTTON_23`	`JS_23`	Button 23
`QK_JOYSTICK_BUTTON_24`	`JS_24`	Button 24
`QK_JOYSTICK_BUTTON_25`	`JS_25`	Button 25
`QK_JOYSTICK_BUTTON_26`	`JS_26`	Button 26
`QK_JOYSTICK_BUTTON_27`	`JS_27`	Button 27
`QK_JOYSTICK_BUTTON_28`	`JS_28`	Button 28
`QK_JOYSTICK_BUTTON_29`	`JS_29`	Button 29
`QK_JOYSTICK_BUTTON_30`	`JS_30`	Button 30

Key	Aliases	Description
QK_JOYSTICK_BUTTON_31	JS_31	Button 31

Key Lock

See also: Key Lock

Key	Description
QK_LOCK	Hold down the next key pressed, until the key is pressed again

Layer Switching

See also: Layer Switching

Key	Description
DF(layer)	Set the base (default) layer
MO(layer)	Momentarily turn on `layer` when pressed (requires `KC_TRNS` on destination layer)
OSL(layer)	Momentarily activates `layer` until a key is pressed. See One Shot Keys for details.
LM(layer, mod)	Momentarily turn on `layer` (like MO) with `mod` active as well. Where `mod` is a mods_bit. Mods can be viewed here. Example Implementation: `LM(LAYER_1, MOD_LALT)`
LT(layer, kc)	Turn on `layer` when held, `kc` when tapped
TG(layer)	Toggle `layer` on or off
TO(layer)	Turns on `layer` and turns off all other layers, except the default layer
TT(layer)	Normally acts like MO unless it's tapped multiple times, which toggles `layer` on

Leader Key

See also: Leader Key

Key	Description
QK_LEAD	Begins a leader sequence

Magic Keycodes

See also: Magic Keycodes

Key	Aliases	Description
QK_MAGIC_SWAP_CONTROL_CAPS_LOCK	CL_SWAP	Swap Caps Lock and Left Control
QK_MAGIC_UNSWAP_CONTROL_CAPS_LOCK	CL_NORM	Unswap Caps Lock and Left Control
QK_MAGIC_TOGGLE_CONTROL_CAPS_LOCK	CL_TOGG	Toggle Caps Lock and Left Control swap
QK_MAGIC_CAPS_LOCK_AS_CONTROL_ON	CL_CTRL	Treat Caps Lock as Control
QK_MAGIC_CAPS_LOCK_AS_CONTROL_OFF	CL_CAPS	Stop treating Caps Lock as Control
QK_MAGIC_SWAP_ESCAPE_CAPS_LOCK	EC_SWAP	Swap Caps Lock and Escape

Key	Aliases	Description
QK_MAGIC_UNSWAP_ESCAPE_CAPS_LOCK	EC_NORM	Unswap Caps Lock and Escape
QK_MAGIC_TOGGLE_ESCAPE_CAPS_LOCK	EC_TOGG	Toggle Caps Lock and Escape swap
QK_MAGIC_SWAP_LCTL_LGUI	CG_LSWP	Swap Left Control and GUI
QK_MAGIC_UNSWAP_LCTL_LGUI	CG_LNRM	Unswap Left Control and GUI
QK_MAGIC_SWAP_RCTL_RGUI	CG_RSWP	Swap Right Control and GUI
QK_MAGIC_UNSWAP_RCTL_RGUI	CG_RNRM	Unswap Right Control and GUI
QK_MAGIC_SWAP_CTL_GUI	CG_SWAP	Swap Control and GUI on both sides
QK_MAGIC_UNSWAP_CTL_GUI	CG_NORM	Unswap Control and GUI on both sides
QK_MAGIC_TOGGLE_CTL_GUI	CG_TOGG	Toggle Control and GUI swap on both sides
QK_MAGIC_SWAP_LALT_LGUI	AG_LSWP	Swap Left Alt and GUI
QK_MAGIC_UNSWAP_LALT_LGUI	AG_LNRM	Unswap Left Alt and GUI
QK_MAGIC_SWAP_RALT_RGUI	AG_RSWP	Swap Right Alt and GUI
QK_MAGIC_UNSWAP_RALT_RGUI	AG_RNRM	Unswap Right Alt and GUI
QK_MAGIC_SWAP_ALT_GUI	AG_SWAP	Swap Alt and GUI on both sides
QK_MAGIC_UNSWAP_ALT_GUI	AG_NORM	Unswap Alt and GUI on both sides
QK_MAGIC_TOGGLE_ALT_GUI	AG_TOGG	Toggle Alt and GUI swap on both sides
QK_MAGIC_GUI_OFF	GU_OFF	Disable the GUI keys
QK_MAGIC_GUI_ON	GU_ON	Enable the GUI keys
QK_MAGIC_TOGGLE_GUI	GU_TOGG	Toggles the status of the GUI keys
QK_MAGIC_SWAP_GRAVE_ESC	GE_SWAP	Swap ` and Escape
QK_MAGIC_UNSWAP_GRAVE_ESC	GE_NORM	Unswap ` and Escape
QK_MAGIC_SWAP_BACKSLASH_BACKSPACE	BS_SWAP	Swap \ and Backspace
QK_MAGIC_UNSWAP_BACKSLASH_BACKSPACE	BS_NORM	Unswap \ and Backspace
QK_MAGIC_TOGGLE_BACKSLASH_BACKSPACE	BS_TOGG	Toggle \ and Backspace swap state
QK_MAGIC_NKRO_ON	NK_ON	Enable N-key rollover
QK_MAGIC_NKRO_OFF	NK_OFF	Disable N-key rollover
QK_MAGIC_TOGGLE_NKRO	NK_TOGG	Toggle N-key rollover
QK_MAGIC_EE_HANDS_LEFT	EH_LEFT	Set the master half of a split keyboard as the left hand (for EE_HANDS)
QK_MAGIC_EE_HANDS_RIGHT	EH_RGHT	Set the master half of a split keyboard as the right hand (for EE_HANDS)

MIDI

See also: MIDI

Key	Aliases	Description
QK_MIDI_ON	MI_ON	Turn MIDI on
QK_MIDI_OFF	MI_OFF	Turn MIDI off
QK_MIDI_TOGGLE	MI_TOGG	Toggle MIDI enabled
QK_MIDI_NOTE_C_0	MI_C	C octave 0
QK_MIDI_NOTE_C_SHARP_0	MI_Cs, MI_Db	C♯/D♭ octave 0

Key	Aliases	Description
QK_MIDI_NOTE_D_0	MI_D	D octave 0
QK_MIDI_NOTE_D_SHARP_0	MI_Ds, MI_Eb	D♯/E♭ octave 0
QK_MIDI_NOTE_E_0	MI_E	E octave 0
QK_MIDI_NOTE_F_0	MI_F	F octave 0
QK_MIDI_NOTE_F_SHARP_0	MI_Fs, MI_Gb	F♯/G♭ octave 0
QK_MIDI_NOTE_G_0	MI_G	G octave 0
QK_MIDI_NOTE_G_SHARP_0	MI_Gs, MI_Ab	G♯/A♭ octave 0
QK_MIDI_NOTE_A_0	MI_A	A octave 0
QK_MIDI_NOTE_A_SHARP_0	MI_As, MI_Bb	A♯/B♭ octave 0
QK_MIDI_NOTE_B_0	MI_B	B octave 0
QK_MIDI_NOTE_C_1	MI_C1	C octave 1
QK_MIDI_NOTE_C_SHARP_1	MI_Cs1, MI_Db1	C♯/D♭ octave 1
QK_MIDI_NOTE_D_1	MI_D1	D octave 1
QK_MIDI_NOTE_D_SHARP_1	MI_Ds1, MI_Eb1	D♯/E♭ octave 1
QK_MIDI_NOTE_E_1	MI_E1	E octave 1
QK_MIDI_NOTE_F_1	MI_F1	F octave 1
QK_MIDI_NOTE_F_SHARP_1	MI_Fs1, MI_Gb1	F♯/G♭ octave 1
QK_MIDI_NOTE_G_1	MI_G1	G octave 1
QK_MIDI_NOTE_G_SHARP_1	MI_Gs1, MI_Ab1	G♯/A♭ octave 1
QK_MIDI_NOTE_A_1	MI_A1	A octave 1
QK_MIDI_NOTE_A_SHARP_1	MI_As1, MI_Bb1	A♯/B♭ octave 1
QK_MIDI_NOTE_B_1	MI_B1	B octave 1
QK_MIDI_NOTE_C_2	MI_C2	C octave 2
QK_MIDI_NOTE_C_SHARP_2	MI_Cs2, MI_Db2	C♯/D♭ octave 2
QK_MIDI_NOTE_D_2	MI_D2	D octave 2
QK_MIDI_NOTE_D_SHARP_2	MI_Ds2, MI_Eb2	D♯/E♭ octave 2
QK_MIDI_NOTE_E_2	MI_E2	E octave 2
QK_MIDI_NOTE_F_2	MI_F2	F octave 2
QK_MIDI_NOTE_F_SHARP_2	MI_Fs2, MI_Gb2	F♯/G♭ octave 2
QK_MIDI_NOTE_G_2	MI_G2	G octave 2
QK_MIDI_NOTE_G_SHARP_2	MI_Gs2, MI_Ab2	G♯/A♭ octave 2
QK_MIDI_NOTE_A_2	MI_A2	A octave 2
QK_MIDI_NOTE_A_SHARP_2	MI_As2, MI_Bb2	A♯/B♭ octave 2
QK_MIDI_NOTE_B_2	MI_B2	B octave 2
QK_MIDI_NOTE_C_3	MI_C3	C octave 3
QK_MIDI_NOTE_C_SHARP_3	MI_Cs3, MI_Db3	C♯/D♭ octave 3
QK_MIDI_NOTE_D_3	MI_D3	D octave 3
QK_MIDI_NOTE_D_SHARP_3	MI_Ds3, MI_Eb3	D♯/E♭ octave 3
QK_MIDI_NOTE_E_3	MI_E3	E octave 3

Key	Aliases	Description
QK_MIDI_NOTE_F_3	MI_F3	F octave 3
QK_MIDI_NOTE_F_SHARP_3	MI_Fs3, MI_Gb3	F♯/G♭ octave 3
QK_MIDI_NOTE_G_3	MI_G3	G octave 3
QK_MIDI_NOTE_G_SHARP_3	MI_Gs3, MI_Ab3	G♯/A♭ octave 3
QK_MIDI_NOTE_A_3	MI_A3	A octave 3
QK_MIDI_NOTE_A_SHARP_3	MI_As3, MI_Bb3	A♯/B♭ octave 3
QK_MIDI_NOTE_B_3	MI_B3	B octave 3
QK_MIDI_NOTE_C_4	MI_C4	C octave 4
QK_MIDI_NOTE_C_SHARP_4	MI_Cs4, MI_Db4	C♯/D♭ octave 4
QK_MIDI_NOTE_D_4	MI_D4	D octave 4
QK_MIDI_NOTE_D_SHARP_4	MI_Ds4, MI_Eb4	D♯/E♭ octave 4
QK_MIDI_NOTE_E_4	MI_E4	E octave 4
QK_MIDI_NOTE_F_4	MI_F4	F octave 4
QK_MIDI_NOTE_F_SHARP_4	MI_Fs4, MI_Gb4	F♯/G♭ octave 4
QK_MIDI_NOTE_G_4	MI_G4	G octave 4
QK_MIDI_NOTE_G_SHARP_4	MI_Gs4, MI_Ab4	G♯/A♭ octave 4
QK_MIDI_NOTE_A_4	MI_A4	A octave 4
QK_MIDI_NOTE_A_SHARP_4	MI_As4, MI_Bb4	A♯/B♭ octave 4
QK_MIDI_NOTE_B_4	MI_B4	B octave 4
QK_MIDI_NOTE_C_5	MI_C5	C octave 5
QK_MIDI_NOTE_C_SHARP_5	MI_Cs5, MI_Db5	C♯/D♭ octave 5
QK_MIDI_NOTE_D_5	MI_D5	D octave 5
QK_MIDI_NOTE_D_SHARP_5	MI_Ds5, MI_Eb5	D♯/E♭ octave 5
QK_MIDI_NOTE_E_5	MI_E5	E octave 5
QK_MIDI_NOTE_F_5	MI_F5	F octave 5
QK_MIDI_NOTE_F_SHARP_5	MI_Fs5, MI_Gb5	F♯/G♭ octave 5
QK_MIDI_NOTE_G_5	MI_G5	G octave 5
QK_MIDI_NOTE_G_SHARP_5	MI_Gs5, MI_Ab5	G♯/A♭ octave 5
QK_MIDI_NOTE_A_5	MI_A5	A octave 5
QK_MIDI_NOTE_A_SHARP_5	MI_As5, MI_Bb5	A♯/B♭ octave 5
QK_MIDI_NOTE_B_5	MI_B5	B octave 5
QK_MIDI_OCTAVE_N2	MI_OCN2	Set octave to -2
QK_MIDI_OCTAVE_N1	MI_OCN1	Set octave to -1
QK_MIDI_OCTAVE_0	MI_OC0	Set octave to 0
QK_MIDI_OCTAVE_1	MI_OC1	Set octave to 1
QK_MIDI_OCTAVE_2	MI_OC2	Set octave to 2
QK_MIDI_OCTAVE_3	MI_OC3	Set octave to 3
QK_MIDI_OCTAVE_4	MI_OC4	Set octave to 4
QK_MIDI_OCTAVE_5	MI_OC5	Set octave to 5
QK_MIDI_OCTAVE_6	MI_OC6	Set octave to 6

Key	Aliases	Description
QK_MIDI_OCTAVE_7	MI_OC7	Set octave to 7
QK_MIDI_OCTAVE_DOWN	MI_OCTD	Move down an octave
QK_MIDI_OCTAVE_UP	MI_OCTU	Move up an octave
QK_MIDI_TRANSPOSE_N6	MI_TRN6	Set transposition to -6 semitones
QK_MIDI_TRANSPOSE_N5	MI_TRN5	Set transposition to -5 semitones
QK_MIDI_TRANSPOSE_N4	MI_TRN4	Set transposition to -4 semitones
QK_MIDI_TRANSPOSE_N3	MI_TRN3	Set transposition to -3 semitones
QK_MIDI_TRANSPOSE_N2	MI_TRN2	Set transposition to -2 semitones
QK_MIDI_TRANSPOSE_N1	MI_TRN1	Set transposition to -1 semitone
QK_MIDI_TRANSPOSE_0	MI_TR0	No transposition
QK_MIDI_TRANSPOSE_1	MI_TR1	Set transposition to +1 semitone
QK_MIDI_TRANSPOSE_2	MI_TR2	Set transposition to +2 semitones
QK_MIDI_TRANSPOSE_3	MI_TR3	Set transposition to +3 semitones
QK_MIDI_TRANSPOSE_4	MI_TR4	Set transposition to +4 semitones
QK_MIDI_TRANSPOSE_5	MI_TR5	Set transposition to +5 semitones
QK_MIDI_TRANSPOSE_6	MI_TR6	Set transposition to +6 semitones
QK_MIDI_TRANSPOSE_DOWN	MI_TRSD	Decrease transposition
QK_MIDI_TRANSPOSE_UP	MI_TRSU	Increase transposition
QK_MIDI_VELOCITY_0	MI_VL0	Set velocity to 0
QK_MIDI_VELOCITY_1	MI_VL1	Set velocity to 12
QK_MIDI_VELOCITY_2	MI_VL2	Set velocity to 25
QK_MIDI_VELOCITY_3	MI_VL3	Set velocity to 38
QK_MIDI_VELOCITY_4	MI_VL4	Set velocity to 51
QK_MIDI_VELOCITY_5	MI_VL5	Set velocity to 64
QK_MIDI_VELOCITY_6	MI_VL6	Set velocity to 76
QK_MIDI_VELOCITY_7	MI_VL7	Set velocity to 89
QK_MIDI_VELOCITY_8	MI_VL8	Set velocity to 102
QK_MIDI_VELOCITY_9	MI_VL9	Set velocity to 114
QK_MIDI_VELOCITY_10	MI_VL10	Set velocity to 127
QK_MIDI_VELOCITY_DOWN	MI_VELD	Decrease velocity
QK_MIDI_VELOCITY_UP	MI_VELU	Increase velocity
QK_MIDI_CHANNEL_1	MI_CH1	Set channel to 1
QK_MIDI_CHANNEL_2	MI_CH2	Set channel to 2
QK_MIDI_CHANNEL_3	MI_CH3	Set channel to 3
QK_MIDI_CHANNEL_4	MI_CH4	Set channel to 4
QK_MIDI_CHANNEL_5	MI_CH5	Set channel to 5
QK_MIDI_CHANNEL_6	MI_CH6	Set channel to 6
QK_MIDI_CHANNEL_7	MI_CH7	Set channel to 7
QK_MIDI_CHANNEL_8	MI_CH8	Set channel to 8
QK_MIDI_CHANNEL_9	MI_CH9	Set channel to 9
QK_MIDI_CHANNEL_10	MI_CH10	Set channel to 10

Key	Aliases	Description
`QK_MIDI_CHANNEL_11`	`MI_CH11`	Set channel to 11
`QK_MIDI_CHANNEL_12`	`MI_CH12`	Set channel to 12
`QK_MIDI_CHANNEL_13`	`MI_CH13`	Set channel to 13
`QK_MIDI_CHANNEL_14`	`MI_CH14`	Set channel to 14
`QK_MIDI_CHANNEL_15`	`MI_CH15`	Set channel to 15
`QK_MIDI_CHANNEL_16`	`MI_CH16`	Set channel to 16
`QK_MIDI_CHANNEL_DOWN`	`MI_CHND`	Decrease channel
`QK_MIDI_CHANNEL_UP`	`MI_CHNU`	Increase channel
`QK_MIDI_ALL_NOTES_OFF`	`MI_AOFF`	Stop all notes
`QK_MIDI_SUSTAIN`	`MI_SUST`	Sustain
`QK_MIDI_PORTAMENTO`	`MI_PORT`	Portmento
`QK_MIDI_SOSTENUTO`	`MI_SOST`	Sostenuto
`QK_MIDI_SOFT`	`MI_SOFT`	Soft Pedal
`QK_MIDI_LEGATO`	`MI_LEG`	Legato
`QK_MIDI_MODULATION`	`MI_MOD`	Modulation
`QK_MIDI_MODULATION_SPEED_DOWN`	`MI_MODD`	Decrease modulation speed
`QK_MIDI_MODULATION_SPEED_UP`	`MI_MODU`	Increase modulation speed
`QK_MIDI_PITCH_BEND_DOWN`	`MI_BNDD`	Bend pitch down
`QK_MIDI_PITCH_BEND_UP`	`MI_BNDU`	Bend pitch up

Mouse Keys

See also: Mouse Keys

Key	Aliases	Description
`KC_MS_UP`	`KC_MS_U`	Mouse Cursor Up
`KC_MS_DOWN`	`KC_MS_D`	Mouse Cursor Down
`KC_MS_LEFT`	`KC_MS_L`	Mouse Cursor Left
`KC_MS_RIGHT`	`KC_MS_R`	Mouse Cursor Right
`KC_MS_BTN1`	`KC_BTN1`	Mouse Button 1
`KC_MS_BTN2`	`KC_BTN2`	Mouse Button 2
`KC_MS_BTN3`	`KC_BTN3`	Mouse Button 3
`KC_MS_BTN4`	`KC_BTN4`	Mouse Button 4
`KC_MS_BTN5`	`KC_BTN5`	Mouse Button 5
`KC_MS_WH_UP`	`KC_WH_U`	Mouse Wheel Up
`KC_MS_WH_DOWN`	`KC_WH_D`	Mouse Wheel Down
`KC_MS_WH_LEFT`	`KC_WH_L`	Mouse Wheel Left
`KC_MS_WH_RIGHT`	`KC_WH_R`	Mouse Wheel Right
`KC_MS_ACCEL0`	`KC_ACL0`	Set mouse acceleration to 0
`KC_MS_ACCEL1`	`KC_ACL1`	Set mouse acceleration to 1
`KC_MS_ACCEL2`	`KC_ACL2`	Set mouse acceleration to 2

Modifiers

See also: Modifier Keys

Key	Aliases	Description
`LCTL(kc)`	`C(kc)`	Hold Left Control and press `kc`
`LSFT(kc)`	`S(kc)`	Hold Left Shift and press `kc`
`LALT(kc)`	`A(kc)`, `LOPT(kc)`	Hold Left Alt and press `kc`
`LGUI(kc)`	`G(kc)`, `LCMD(kc)`, `LWIN(kc)`	Hold Left GUI and press `kc`
`RCTL(kc)`		Hold Right Control and press `kc`
`RSFT(kc)`		Hold Right Shift and press `kc`
`RALT(kc)`	`ROPT(kc)`, `ALGR(kc)`	Hold Right Alt (AltGr) and press `kc`
`RGUI(kc)`	`RCMD(kc)`, `RWIN(kc)`	Hold Right GUI and press `kc`
`LSG(kc)`	`SGUI(kc)`, `SCMD(kc)`, `SWIN(kc)`	Hold Left Shift and Left GUI and press `kc`
`LAG(kc)`		Hold Left Alt and Left GUI and press `kc`
`RSG(kc)`		Hold Right Shift and Right GUI and press `kc`
`RAG(kc)`		Hold Right Alt and Right GUI and press `kc`
`LCA(kc)`		Hold Left Control and Alt and press `kc`
`LSA(kc)`		Hold Left Shift and Left Alt and press `kc`
`RSA(kc)`	`SAGR(kc)`	Hold Right Shift and Right Alt (AltGr) and press `kc`
`RCS(kc)`		Hold Right Control and Right Shift and press `kc`
`LCAG(kc)`		Hold Left Control, Alt and GUI and press `kc`
`MEH(kc)`		Hold Left Control, Shift and Alt and press `kc`
`HYPR(kc)`		Hold Left Control, Shift, Alt and GUI and press `kc`
`KC_MEH`		Left Control, Shift and Alt
`KC_HYPR`		Left Control, Shift, Alt and GUI

Mod-Tap Keys

See also: Mod-Tap

Key	Aliases	Description
`MT(mod, kc)`		`mod` when held, `kc` when tapped
`LCTL_T(kc)`	`CTL_T(kc)`	Left Control when held, `kc` when tapped
`LSFT_T(kc)`	`SFT_T(kc)`	Left Shift when held, `kc` when tapped
`LALT_T(kc)`	`LOPT_T(kc)`, `ALT_T(kc)`, `OPT_T(kc)`	Left Alt when held, `kc` when tapped
`LGUI_T(kc)`	`LCMD_T(kc)`, `LWIN_T(kc)`, `GUI_T(kc)`, `CMD_T(kc)`, `WIN_T(kc)`	Left GUI when held, `kc` when tapped
`RCTL_T(kc)`		Right Control when held, `kc` when tapped
`RSFT_T(kc)`		Right Shift when held, `kc` when tapped
`RALT_T(kc)`	`ROPT_T(kc)`, `ALGR_T(kc)`	Right Alt (AltGr) when held, `kc` when tapped
`RGUI_T(kc)`	`RCMD_T(kc)`, `RWIN_T(kc)`	Right GUI when held, `kc` when tapped
`LSG_T(kc)`	`SGUI_T(kc)`, `SCMD_T(kc)`, `SWIN_T(kc)`	Left Shift and GUI when held, `kc` when tapped

Key	Aliases	Description
`LAG_T(kc)`		Left Alt and GUI when held, `kc` when tapped
`RSG_T(kc)`		Right Shift and GUI when held, `kc` when tapped
`RAG_T(kc)`		Right Alt and GUI when held, `kc` when tapped
`LCA_T(kc)`		Left Control and Alt when held, `kc` when tapped
`LSA_T(kc)`		Left Shift and Left Alt when held, `kc` when tapped
`RSA_T(kc)` `SAGR_T(kc)`		Right Shift and Right Alt (AltGr) when held, `kc` when tapped
`RCS_T(kc)`		Right Control and Right Shift when held, `kc` when tapped
`LCAG_T(kc)`		Left Control, Alt and GUI when held, `kc` when tapped
`RCAG_T(kc)`		Right Control, Alt and GUI when held, `kc` when tapped
`C_S_T(kc)`		Left Control and Shift when held, `kc` when tapped
`MEH_T(kc)`		Left Control, Shift and Alt when held, `kc` when tapped
`HYPR_T(kc)` `ALL_T(kc)`		Left Control, Shift, Alt and GUI when held, `kc` when tapped - more info here

Tapping Term Keys

See also: Dynamic Tapping Term

Key	Aliases	Description
`QK_DYNAMIC_TAPPING_TERM_PRINT`	`DT_PRNT`	Types the current tapping term, in milliseconds
`QK_DYNAMIC_TAPPING_TERM_UP`	`DT_UP`	Increases the current tapping term by `DYNAMIC_TAPPING_TERM_INCREMENT`ms (5ms by default)
`QK_DYNAMIC_TAPPING_TERM_DOWN`	`DT_DOWN`	Decreases the current tapping term by `DYNAMIC_TAPPING_TERM_INCREMENT`ms (5ms by default)

RGB Lighting

See also: RGB Lighting

Key	Aliases	Description
`RGB_TOG`		Toggle RGB lighting on or off
`RGB_MODE_FORWARD`	`RGB_MOD`	Cycle through modes, reverse direction when Shift is held
`RGB_MODE_REVERSE`	`RGB_RMOD`	Cycle through modes in reverse, forward direction when Shift is held
`RGB_HUI`		Increase hue, decrease hue when Shift is held
`RGB_HUD`		Decrease hue, increase hue when Shift is held
`RGB_SAI`		Increase saturation, decrease saturation when Shift is held
`RGB_SAD`		Decrease saturation, increase saturation when Shift is held
`RGB_VAI`		Increase value (brightness), decrease value when Shift is held

Key	Aliases	Description
`RGB_VAD`		Decrease value (brightness), increase value when Shift is held
`RGB_MODE_PLAIN`	`RGB_M_P`	Static (no animation) mode
`RGB_MODE_BREATHE`	`RGB_M_B`	Breathing animation mode
`RGB_MODE_RAINBOW`	`RGB_M_R`	Rainbow animation mode
`RGB_MODE_SWIRL`	`RGB_M_SW`	Swirl animation mode
`RGB_MODE_SNAKE`	`RGB_M_SN`	Snake animation mode
`RGB_MODE_KNIGHT`	`RGB_M_K`	"Knight Rider" animation mode
`RGB_MODE_XMAS`	`RGB_M_X`	Christmas animation mode
`RGB_MODE_GRADIENT`	`RGB_M_G`	Static gradient animation mode
`RGB_MODE_RGBTEST`	`RGB_M_T`	Red,Green,Blue test animation mode

RGB Matrix Lighting

See also: RGB Matrix Lighting

Key	Aliases	Description
`RGB_TOG`		Toggle RGB lighting on or off
`RGB_MODE_FORWARD`	`RGB_MOD`	Cycle through modes, reverse direction when Shift is held
`RGB_MODE_REVERSE`	`RGB_RMOD`	Cycle through modes in reverse, forward direction when Shift is held
`RGB_HUI`		Increase hue, decrease hue when Shift is held
`RGB_HUD`		Decrease hue, increase hue when Shift is held
`RGB_SAI`		Increase saturation, decrease saturation when Shift is held
`RGB_SAD`		Decrease saturation, increase saturation when Shift is held
`RGB_VAI`		Increase value (brightness), decrease value when Shift is held
`RGB_VAD`		Decrease value (brightness), increase value when Shift is held
`RGB_SPI`		Increase effect speed (does not support eeprom yet), decrease speed when Shift is held
`RGB_SPD`		Decrease effect speed (does not support eeprom yet), increase speed when Shift is held

US ANSI Shifted Symbols

See also: 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`	*

Key	Aliases	Description
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		|
KC_COLON	KC_COLN	:
KC_DOUBLE_QUOTE	KC_DQUO, KC_DQT	"
KC_LEFT_ANGLE_BRACKET	KC_LABK, KC_LT	<
KC_RIGHT_ANGLE_BRACKET	KC_RABK, KC_GT	>
KC_QUESTION	KC_QUES	?

One Shot Keys

See also: One Shot Keys

Key	Aliases	Description
OSM(mod)		Hold mod for one keypress
OSL(layer)		Switch to layer for one keypress
QK_ONE_SHOT_TOGGLE	OS_TOGG	Toggles One Shot keys status
QK_ONE_SHOT_ON	OS_ON	Turns One Shot keys on
QK_ONE_SHOT_OFF	OS_OFF	Turns One Shot keys off

Programmable Button Support

See also: Programmable Button

Key	Aliases	Description
QK_PROGRAMMABLE_BUTTON_1	PB_1	Programmable button 1
QK_PROGRAMMABLE_BUTTON_2	PB_2	Programmable button 2
QK_PROGRAMMABLE_BUTTON_3	PB_3	Programmable button 3
QK_PROGRAMMABLE_BUTTON_4	PB_4	Programmable button 4
QK_PROGRAMMABLE_BUTTON_5	PB_5	Programmable button 5
QK_PROGRAMMABLE_BUTTON_6	PB_6	Programmable button 6
QK_PROGRAMMABLE_BUTTON_7	PB_7	Programmable button 7
QK_PROGRAMMABLE_BUTTON_8	PB_8	Programmable button 8
QK_PROGRAMMABLE_BUTTON_9	PB_9	Programmable button 9
QK_PROGRAMMABLE_BUTTON_10	PB_10	Programmable button 10
QK_PROGRAMMABLE_BUTTON_11	PB_11	Programmable button 11
QK_PROGRAMMABLE_BUTTON_12	PB_12	Programmable button 12
QK_PROGRAMMABLE_BUTTON_13	PB_13	Programmable button 13
QK_PROGRAMMABLE_BUTTON_14	PB_14	Programmable button 14

Key	Aliases	Description
QK_PROGRAMMABLE_BUTTON_15	PB_15	Programmable button 15
QK_PROGRAMMABLE_BUTTON_16	PB_16	Programmable button 16
QK_PROGRAMMABLE_BUTTON_17	PB_17	Programmable button 17
QK_PROGRAMMABLE_BUTTON_18	PB_18	Programmable button 18
QK_PROGRAMMABLE_BUTTON_19	PB_19	Programmable button 19
QK_PROGRAMMABLE_BUTTON_20	PB_20	Programmable button 20
QK_PROGRAMMABLE_BUTTON_21	PB_21	Programmable button 21
QK_PROGRAMMABLE_BUTTON_22	PB_22	Programmable button 22
QK_PROGRAMMABLE_BUTTON_23	PB_23	Programmable button 23
QK_PROGRAMMABLE_BUTTON_24	PB_24	Programmable button 24
QK_PROGRAMMABLE_BUTTON_25	PB_25	Programmable button 25
QK_PROGRAMMABLE_BUTTON_26	PB_26	Programmable button 26
QK_PROGRAMMABLE_BUTTON_27	PB_27	Programmable button 27
QK_PROGRAMMABLE_BUTTON_28	PB_28	Programmable button 28
QK_PROGRAMMABLE_BUTTON_29	PB_29	Programmable button 29
QK_PROGRAMMABLE_BUTTON_30	PB_30	Programmable button 30
QK_PROGRAMMABLE_BUTTON_31	PB_31	Programmable button 31
QK_PROGRAMMABLE_BUTTON_32	PB_32	Programmable button 32

Repeat Key

See also: Repeat Key

Keycode	Aliases	Description
QK_REPEAT_KEY	QK_REP	Repeat the last pressed key
QK_ALT_REPEAT_KEY	QK_AREP	Perform alternate of the last key

Space Cadet

See also: Space Cadet

Key	Aliases	Description
QK_SPACE_CADET_LEFT_CTRL_PARENTHESIS_OPEN	SC_LCPO	Left Control when held, (when tapped
QK_SPACE_CADET_RIGHT_CTRL_PARENTHESIS_CLOSE	SC_RCPC	Right Control when held,) when tapped
QK_SPACE_CADET_LEFT_SHIFT_PARENTHESIS_OPEN	SC_LSPO	Left Shift when held, (when tapped
QK_SPACE_CADET_RIGHT_SHIFT_PARENTHESIS_CLOSE	SC_RSPC	Right Shift when held,) when tapped
QK_SPACE_CADET_LEFT_ALT_PARENTHESIS_OPEN	SC_LAPO	Left Alt when held, (when tapped
QK_SPACE_CADET_RIGHT_ALT_PARENTHESIS_CLOSE	SC_RAPC	Right Alt when held,) when tapped
QK_SPACE_CADET_RIGHT_SHIFT_ENTER	SC_SENT	Right Shift when held, Enter when tapped

Swap Hands

See also: Swap Hands

Key	Aliases	Description
`SH_T(kc)`		Momentary swap when held, `kc` when tapped
`QK_SWAP_HANDS_ON`	`SH_ON`	Turn on hand swap
`QK_SWAP_HANDS_OFF`	`SH_OFF`	Turn off hand swap
`QK_SWAP_HANDS_MOMENTARY_ON`	`SH_MON`	Turn on hand swap while held
`QK_SWAP_HANDS_MOMENTARY_OFF`	`SH_MOFF`	Turn off hand swap while held
`QK_SWAP_HANDS_TOGGLE`	`SH_TOGG`	Toggle hand swap
`QK_SWAP_HANDS_TAP_TOGGLE`	`SH_TT`	Momentary swap when held, toggle when tapped
`QK_SWAP_HANDS_ONE_SHOT`	`SH_OS`	Turn on hand swap while held or until next key press

Unicode Support

See also: Unicode Support

Key	Aliases	Description
`UC(c)`		Send Unicode code point `c`, up to `0x7FFF`
`UM(i)`		Send Unicode code point at index `i` in `unicode_map`
`UP(i, j)`		Send Unicode code point at index `i`, or `j` if Shift/Caps is on
`QK_UNICODE_MODE_NEXT`	`UC_NEXT`	Cycle through selected input modes
`QK_UNICODE_MODE_PREVIOUS`	`UC_PREV`	Cycle through selected input modes in reverse
`QK_UNICODE_MODE_MACOS`	`UC_MAC`	Switch to macOS input
`QK_UNICODE_MODE_LINUX`	`UC_LINX`	Switch to Linux input
`QK_UNICODE_MODE_WINDOWS`	`UC_WIN`	Switch to Windows input
`QK_UNICODE_MODE_BSD`	`UC_BSD`	Switch to BSD input (not implemented)
`QK_UNICODE_MODE_WINCOMPOSE`	`UC_WINC`	Switch to Windows input using WinCompose
`QK_UNICODE_MODE_EMACS`	`UC_EMAC`	Switch to emacs (`C-x-8 RET`)

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