

Appendix A

KEYSYM Encoding

KEYSYM values are 32-bit integers that encode the symbols on the keycaps of a keyboard. The three most significant bits are always zero, which leaves a 29-bit number space. For convenience, KEYSYM values can be viewed as split into four bytes:

- Byte 1 is the most significant eight bits (three zero bits and the most-significant five bits of the 29-bit effective value)
- Byte 2 is the next most-significant eight bits
- Byte 3 is the next most-significant eight bits
- Byte 4 is the least-significant eight bits

There are six categories of KEYSYM values.

A.1 Special KEYSYMs

There are two special values: **NoSymbol** and **VoidSymbol**. They are used to indicate the absence of symbols (see section 5).

Byte 1	Byte 2	Byte 3	Byte 4	Hex. value	Name
0	0	0	0	#x00000000	NoSymbol
0	255	255	255	#x00FFFFFF	VoidSymbol

A.2 Latin-1 KEYSYMs

The Latin-1 KEYSYMs occupy the range #x0020 to #x007E and #x00A0 to #00FF and represent the ISO 10646 / Unicode characters U+0020 to U+007E and U+00A0 to U+00FF, respectively.

A.3 Unicode KEYSYMs

These occupy the range #x01000100 to #x0110FFFF and represent the ISO 10646 / Unicode characters U+0100 to U+10FFFF, respectively. The numeric value of a Unicode KEYSYM is the Unicode position of the corresponding character plus #x01000000. In the interest of backwards compatibility, clients should be able to process both the Unicode KEYSYM and the Legacy KEYSYM for those characters where both exist.

Dead keys, which place an accent on the next character entered, shall be encoded as Function KEYSYMs, and not as the Unicode KEYSYM corresponding to an equivalent combining character. Where a keycap indicates a specific function with a graphical symbol that is also available in Unicode (e.g., an upwards arrow for the cursor up function), the appropriate Function KEYSYM should be used, and not the Unicode KEYSYM corresponding to the depicted symbol.

A.4 Function KEYSYMs

These represent keycap symbols that do not directly represent elements of a coded character set. Instead, they typically identify a software function, mode, or operation (e.g., cursor up, caps lock, insert) that can be activated using a dedicated key. Function KEYSYMs have zero values for bytes 1 and 2. Byte 3 distinguishes between several 8-bit sets within which byte 4 identifies the individual function key.

Byte 3	Byte 4
255	Keyboard
254	Keyboard (XKB) Extension
253	3270

Within a national market, keyboards tend to be comparatively standard with respect to the character keys, but they can differ significantly on the miscellaneous function keys. Some have function keys left over from early timesharing days, others were designed for a specific application, such as text processing, web browsing, or accessing audiovisual data. The symbols on the keycaps can differ significantly between manufacturers and national markets, even where they denote the same software function (e.g., Ctrl in the U.S. versus Strg in Germany)

There are two ways of thinking about how to define KEYSYMs for such a world:

- The Engraving approach
- The Common approach

The Engraving approach is to create a KEYSYM for every unique key engraving. This is effectively taking the union of all key engravings on all keyboards. For example, some keyboards label function keys across the top as F1 through Fn, and others label them as PF1 through PFn. These would be different keys under the Engraving approach. Likewise, Lock would differ from Shift Lock, which is different from the up-arrow symbol that has the effect of changing lowercase to uppercase. There are lots of other aliases such as Del, DEL, Delete, Remove, and so forth. The Engraving approach makes it easy to decide if a new entry should be added to the KEYSYM set: if it does not exactly match an existing one, then a new one is created.

The Common approach tries to capture all of the keys present on an interesting number of keyboards, folding likely aliases into the same KEYSYM. For example, Del, DEL, and Delete are all merged into a single KEYSYM. Vendors can augment the KEYSYM set (using the vendor-specific encoding space) to include all of their unique keys that were not included in the standard set. Each vendor decides which of its keys map into the standard KEYSYMs, which presumably can be overridden by a user. It is more difficult to implement this approach, because judgment is required about when a sufficient set of keyboards implements an engraving to justify making it a KEYSYM in the standard set and about which engravings should be merged into a single KEYSYM.

Although neither scheme is perfect or elegant, the Common approach has been selected because it makes it easier to write a portable application. Having the Delete functionality merged into a single KEYSYM allows an application to implement a deletion function and expect reasonable bindings on a wide set of workstations. Under the Common approach, application writers are still free to look for and interpret vendor-specific KEYSYMs, but because they are in the extended set, the application developer is more conscious that they are writing the application in a nonportable fashion.

The Keyboard set is a miscellaneous collection of commonly occurring keys on keyboards. Within this set, the numeric keypad symbols are generally duplicates of symbols found on keys on the main part of the keyboard, but they are distinguished here because they often have a distinguishable semantics associated with them.

KEYSYM value	Name	Set
#xFF08	BACKSPACE, BACK SPACE, BACK CHAR	Keyboard
#xFF09	TAB	Keyboard
#xFF0A	LINEFEED, LF	Keyboard
#xFF0B	CLEAR	Keyboard

KEYSYM value	Name	Set
#xFF0D	RETURN, ENTER	Keyboard
#xFF13	PAUSE, HOLD	Keyboard
#xFF14	SCROLL LOCK	Keyboard
#xFF15	SYS REQ, SYSTEM REQUEST	Keyboard
#xFF1B	ESCAPE	Keyboard
#xFF20	MULTI-KEY CHARACTER PREFACE	Keyboard
#xFF21	KANJI, KANJI CONVERT	Keyboard
#xFF22	MUHENKAN	Keyboard
#xFF23	HENKAN MODE	Keyboard
#xFF24	ROMAJI	Keyboard
#xFF25	HIRAGANA	Keyboard
#xFF26	KATAKANA	Keyboard
#xFF27	HIRAGANA/KATAKANA TOGGLE	Keyboard
#xFF28	ZENKAKU	Keyboard
#xFF29	HANKAKU	Keyboard
#xFF2A	ZENKAKU/HANKAKU TOGGLE	Keyboard
#xFF2B	TOUROKU	Keyboard
#xFF2C	MASSYO	Keyboard
#xFF2D	KANA LOCK	Keyboard
#xFF2E	KANA SHIFT	Keyboard
#xFF2F	EISU SHIFT	Keyboard
#xFF30	EISU TOGGLE	Keyboard
#xFF31	HANGUL START/STOP (TOGGLE)	Keyboard
#xFF32	HANGUL START	Keyboard
#xFF33	HANGUL END, ENGLISH START	Keyboard
#xFF34	START HANGUL/HANJA CONVERSION	Keyboard
#xFF35	HANGUL JAMO MODE	Keyboard
#xFF36	HANGUL ROMAJA MODE	Keyboard
#xFF37	HANGUL CODE INPUT	Keyboard
#xFF38	HANGUL JEONJA MODE	Keyboard
#xFF39	HANGUL BANJA MODE	Keyboard
#xFF3A	HANGUL PREHANJA CONVERSION	Keyboard
#xFF3B	HANGUL POSTHANJA CONVERSION	Keyboard
#xFF3C	HANGUL SINGLE CANDIDATE	Keyboard
#xFF3D	HANGUL MULTIPLE CANDIDATE	Keyboard
#xFF3E	HANGUL PREVIOUS CANDIDATE	Keyboard
#xFF3F	HANGUL SPECIAL SYMBOLS	Keyboard
#xFF50	HOME	Keyboard
#xFF51	LEFT, MOVE LEFT, LEFT ARROW	Keyboard
#xFF52	UP, MOVE UP, UP ARROW	Keyboard
#xFF53	RIGHT, MOVE RIGHT, RIGHT ARROW	Keyboard
#xFF54	DOWN, MOVE DOWN, DOWN ARROW	Keyboard
#xFF55	PRIOR, PREVIOUS, PAGE UP	Keyboard
#xFF56	NEXT, PAGE DOWN	Keyboard
#xFF57	END, EOL	Keyboard
#xFF58	BEGIN, BOL	Keyboard
#xFF60	SELECT, MARK	Keyboard
#xFF61	PRINT	Keyboard
#xFF62	EXECUTE, RUN, DO	Keyboard
#xFF63	INSERT, INSERT HERE	Keyboard
#xFF65	UNDO, OOPS	Keyboard
#xFF66	REDO, AGAIN	Keyboard
#xFF67	MENU	Keyboard
#xFF68	FIND, SEARCH	Keyboard
#xFF69	CANCEL, STOP, ABORT, EXIT	Keyboard
#xFF6A	HELP	Keyboard
#xFF6B	BREAK	Keyboard
#xFF7E	MODE SWITCH, SCRIPT SWITCH, CHARACTER SET SWITCH	Keyboard
#xFF7F	NUM LOCK	Keyboard
#xFF80	KEYPAD SPACE	Keyboard

KEYSYM value	Name	Set
#xFF89	KEYPAD TAB	Keyboard
#xFF8D	KEYPAD ENTER	Keyboard
#xFF91	KEYPAD F1, PF1, A	Keyboard
#xFF92	KEYPAD F2, PF2, B	Keyboard
#xFF93	KEYPAD F3, PF3, C	Keyboard
#xFF94	KEYPAD F4, PF4, D	Keyboard
#xFF95	KEYPAD HOME	Keyboard
#xFF96	KEYPAD LEFT	Keyboard
#xFF97	KEYPAD UP	Keyboard
#xFF98	KEYPAD RIGHT	Keyboard
#xFF99	KEYPAD DOWN	Keyboard
#xFF9A	KEYPAD PRIOR, PAGE UP	Keyboard
#xFF9B	KEYPAD NEXT, PAGE DOWN	Keyboard
#xFF9C	KEYPAD END	Keyboard
#xFF9D	KEYPAD BEGIN	Keyboard
#xFF9E	KEYPAD INSERT	Keyboard
#xFF9F	KEYPAD DELETE	Keyboard
#xFFAA	KEYPAD MULTIPLICATION SIGN, ASTERISK	Keyboard
#xFFAB	KEYPAD PLUS SIGN	Keyboard
#xFFAC	KEYPAD SEPARATOR, COMMA	Keyboard
#xFFAD	KEYPAD MINUS SIGN, HYPHEN	Keyboard
#xFFAE	KEYPAD DECIMAL POINT, FULL STOP	Keyboard
#xFFAF	KEYPAD DIVISION SIGN, SOLIDUS	Keyboard
#xFFB0	KEYPAD DIGIT ZERO	Keyboard
#xFFB1	KEYPAD DIGIT ONE	Keyboard
#xFFB2	KEYPAD DIGIT TWO	Keyboard
#xFFB3	KEYPAD DIGIT THREE	Keyboard
#xFFB4	KEYPAD DIGIT FOUR	Keyboard
#xFFB5	KEYPAD DIGIT FIVE	Keyboard
#xFFB6	KEYPAD DIGIT SIX	Keyboard
#xFFB7	KEYPAD DIGIT SEVEN	Keyboard
#xFFB8	KEYPAD DIGIT EIGHT	Keyboard
#xFFB9	KEYPAD DIGIT NINE	Keyboard
#xFFBD	KEYPAD EQUALS SIGN	Keyboard
#xFFBE	F1	Keyboard
#xFFBF	F2	Keyboard
#xFFC0	F3	Keyboard
#xFFC1	F4	Keyboard
#xFFC2	F5	Keyboard
#xFFC3	F6	Keyboard
#xFFC4	F7	Keyboard
#xFFC5	F8	Keyboard
#xFFC6	F9	Keyboard
#xFFC7	F10	Keyboard
#xFFC8	F11, L1	Keyboard
#xFFC9	F12, L2	Keyboard
#xFFCA	F13, L3	Keyboard
#xFFCB	F14, L4	Keyboard
#xFFCC	F15, L5	Keyboard
#xFFCD	F16, L6	Keyboard
#xFFCE	F17, L7	Keyboard
#xFFCF	F18, L8	Keyboard
#xFFD0	F19, L9	Keyboard
#xFFD1	F20, L10	Keyboard
#xFFD2	F21, R1	Keyboard
#xFFD3	F22, R2	Keyboard
#xFFD4	F23, R3	Keyboard
#xFFD5	F24, R4	Keyboard
#xFFD6	F25, R5	Keyboard
#xFFD7	F26, R6	Keyboard

KEYSYM value	Name	Set
#xFFD8	F27, R7	Keyboard
#xFFD9	F28, R8	Keyboard
#xFFDA	F29, R9	Keyboard
#xFFDB	F30, R10	Keyboard
#xFFDC	F31, R11	Keyboard
#xFFDD	F32, R12	Keyboard
#xFFDE	F33, R13	Keyboard
#xFFDF	F34, R14	Keyboard
#xFFE0	F35, R15	Keyboard
#xFFE1	LEFT SHIFT	Keyboard
#xFFE2	RIGHT SHIFT	Keyboard
#xFFE3	LEFT CONTROL	Keyboard
#xFFE4	RIGHT CONTROL	Keyboard
#xFFE5	CAPS LOCK	Keyboard
#xFFE6	SHIFT LOCK	Keyboard
#xFFE7	LEFT META	Keyboard
#xFFE8	RIGHT META	Keyboard
#xFFE9	LEFT ALT	Keyboard
#xFFEA	RIGHT ALT	Keyboard
#xFFEB	LEFT SUPER	Keyboard
#xFFEC	RIGHT SUPER	Keyboard
#xFFED	LEFT HYPER	Keyboard
#xFFEE	RIGHT HYPER	Keyboard
#xFFFF	DELETE, RUBOUT	Keyboard

The Keyboard (XKB) Extension set, which provides among other things a range of dead keys, is defined in “The X Keyboard Extension: Protocol Specification”, Appendix C.

The 3270 set defines additional keys that are specific to IBM 3270 terminals.

KEYSYM value	Name	Set
#xFD01	3270 DUPLICATE	3270
#xFD02	3270 FIELDMARK	3270
#xFD03	3270 RIGHT2	3270
#xFD04	3270 LEFT2	3270
#xFD05	3270 BACKTAB	3270
#xFD06	3270 ERASEEOF	3270
#xFD07	3270 ERASEINPUT	3270
#xFD08	3270 RESET	3270
#xFD09	3270 QUIT	3270
#xFD0A	3270 PA1	3270
#xFD0B	3270 PA2	3270
#xFD0C	3270 PA3	3270
#xFD0D	3270 TEST	3270
#xFD0E	3270 ATTN	3270
#xFD0F	3270 CURSORBLINK	3270
#xFD10	3270 ALTCURSOR	3270
#xFD11	3270 KEYCLICK	3270
#xFD12	3270 JUMP	3270
#xFD13	3270 IDENT	3270
#xFD14	3270 RULE	3270
#xFD15	3270 COPY	3270
#xFD16	3270 PLAY	3270
#xFD17	3270 SETUP	3270
#xFD18	3270 RECORD	3270
#xFD19	3270 CHANGESCREEN	3270

KEYSYM value	Name	Set
#xFD1A	3270 DELETEWORD	3270
#xFD1B	3270 EXSELECT	3270
#xFD1C	3270 CURSORSELECT	3270
#xFD1D	3270 PRINTSCREEN	3270
#xFD1E	3270 ENTER	3270

A.5 Vendor KEYSYMs

The KEYSYM number range #x10000000 to #x1FFFFFFF is available for vendor-specific extensions. Among these, the range #x11000000 to #x1100FFFF is designated for keypad KEYSYMs.

A.6 Legacy KEYSYMs

These date from the time before ISO 10646 / Unicode was available. They represent characters from a number of different older 8-bit coded character sets and have zero values for bytes 1 and 2. Byte 3 indicates a coded character set and byte 4 is the 8-bit value of the particular character within that set.

Byte 3	Byte 4	Byte 3	Byte 4
1	Latin-2	11	APL
2	Latin-3	12	Hebrew
3	Latin-4	13	Thai
4	Kana	14	Korean
5	Arabic	15	Latin-5
6	Cyrillic	16	Latin-6
7	Greek	17	Latin-7
8	Technical	18	Latin-8
9	Special	19	Latin-9
10	Publishing	32	Currency

Each character set contains gaps where codes have been removed that were duplicates with codes in previous character sets (that is, character sets with lesser byte 3 value).

The Latin, Arabic, Cyrillic, Greek, Hebrew, and Thai sets were taken from the early drafts of the relevant ISO 8859 parts available at the time. However, in the case of the Cyrillic and Greek sets, these turned out differently in the final versions of the ISO standard. The Technical, Special, and Publishing sets are based on Digital Equipment Corporation standards, as no equivalent international standards were available at the time.

The table below lists all standardized Legacy KEYSYMs, along with the name used in the source document. Where there exists an unambiguous equivalent in Unicode, as it is the case with all ISO 8859 characters, it is given in the second column as a cross reference. Where there is no Unicode number provided, the exact semantics of the KEYSYM may have been lost and a Unicode KEYSYM should be used instead, if available.

As support of Unicode KEYSYMs increases, some or all of the Legacy KEYSYMs may be phased out and withdrawn in future versions of this standard. Most KEYSYMs in the sets Technical, Special, Publishing, APL and Currency (with the exception of #x20AC) were probably never used in practice, and were not supported by pre-Unicode fonts. In particular, the Currency set, which was copied from Unicode, has already been deprecated by the introduction of the Unicode KEYSYMs.

KEYSYM value	Unicode value	Name	Set
#x01A1	U+0104	LATIN CAPITAL LETTER A WITH OGONEK	Latin-2
#x01A2	U+02D8	BREVE	Latin-2
#x01A3	U+0141	LATIN CAPITAL LETTER L WITH STROKE	Latin-2
#x01A5	U+013D	LATIN CAPITAL LETTER L WITH CARON	Latin-2
#x01A6	U+015A	LATIN CAPITAL LETTER S WITH ACUTE	Latin-2
#x01A9	U+0160	LATIN CAPITAL LETTER S WITH CARON	Latin-2
#x01AA	U+015E	LATIN CAPITAL LETTER S WITH CEDILLA	Latin-2
#x01AB	U+0164	LATIN CAPITAL LETTER T WITH CARON	Latin-2
#x01AC	U+0179	LATIN CAPITAL LETTER Z WITH ACUTE	Latin-2
#x01AE	U+017D	LATIN CAPITAL LETTER Z WITH CARON	Latin-2
#x01AF	U+017B	LATIN CAPITAL LETTER Z WITH DOT ABOVE	Latin-2
#x01B1	U+0105	LATIN SMALL LETTER A WITH OGONEK	Latin-2
#x01B2	U+02DB	OGONEK	Latin-2
#x01B3	U+0142	LATIN SMALL LETTER L WITH STROKE	Latin-2
#x01B5	U+013E	LATIN SMALL LETTER L WITH CARON	Latin-2
#x01B6	U+015B	LATIN SMALL LETTER S WITH ACUTE	Latin-2
#x01B7	U+02C7	CARON	Latin-2
#x01B9	U+0161	LATIN SMALL LETTER S WITH CARON	Latin-2
#x01BA	U+015F	LATIN SMALL LETTER S WITH CEDILLA	Latin-2
#x01BB	U+0165	LATIN SMALL LETTER T WITH CARON	Latin-2
#x01BC	U+017A	LATIN SMALL LETTER Z WITH ACUTE	Latin-2
#x01BD	U+02DD	DOUBLE ACUTE ACCENT	Latin-2
#x01BE	U+017E	LATIN SMALL LETTER Z WITH CARON	Latin-2
#x01BF	U+017C	LATIN SMALL LETTER Z WITH DOT ABOVE	Latin-2
#x01C0	U+0154	LATIN CAPITAL LETTER R WITH ACUTE	Latin-2
#x01C3	U+0102	LATIN CAPITAL LETTER A WITH BREVE	Latin-2
#x01C5	U+0139	LATIN CAPITAL LETTER L WITH ACUTE	Latin-2
#x01C6	U+0106	LATIN CAPITAL LETTER C WITH ACUTE	Latin-2
#x01C8	U+010C	LATIN CAPITAL LETTER C WITH CARON	Latin-2
#x01CA	U+0118	LATIN CAPITAL LETTER E WITH OGONEK	Latin-2
#x01CC	U+011A	LATIN CAPITAL LETTER E WITH CARON	Latin-2
#x01CF	U+010E	LATIN CAPITAL LETTER D WITH CARON	Latin-2
#x01D0	U+0110	LATIN CAPITAL LETTER D WITH STROKE	Latin-2
#x01D1	U+0143	LATIN CAPITAL LETTER N WITH ACUTE	Latin-2
#x01D2	U+0147	LATIN CAPITAL LETTER N WITH CARON	Latin-2
#x01D5	U+0150	LATIN CAPITAL LETTER O WITH DOUBLE ACUTE	Latin-2
#x01D8	U+0158	LATIN CAPITAL LETTER R WITH CARON	Latin-2
#x01D9	U+016E	LATIN CAPITAL LETTER U WITH RING ABOVE	Latin-2
#x01DB	U+0170	LATIN CAPITAL LETTER U WITH DOUBLE ACUTE	Latin-2
#x01DE	U+0162	LATIN CAPITAL LETTER T WITH CEDILLA	Latin-2
#x01E0	U+0155	LATIN SMALL LETTER R WITH ACUTE	Latin-2
#x01E3	U+0103	LATIN SMALL LETTER A WITH BREVE	Latin-2
#x01E5	U+013A	LATIN SMALL LETTER L WITH ACUTE	Latin-2
#x01E6	U+0107	LATIN SMALL LETTER C WITH ACUTE	Latin-2
#x01E8	U+010D	LATIN SMALL LETTER C WITH CARON	Latin-2
#x01EA	U+0119	LATIN SMALL LETTER E WITH OGONEK	Latin-2
#x01EC	U+011B	LATIN SMALL LETTER E WITH CARON	Latin-2
#x01EF	U+010F	LATIN SMALL LETTER D WITH CARON	Latin-2
#x01F0	U+0111	LATIN SMALL LETTER D WITH STROKE	Latin-2
#x01F1	U+0144	LATIN SMALL LETTER N WITH ACUTE	Latin-2
#x01F2	U+0148	LATIN SMALL LETTER N WITH CARON	Latin-2
#x01F5	U+0151	LATIN SMALL LETTER O WITH DOUBLE ACUTE	Latin-2
#x01F8	U+0159	LATIN SMALL LETTER R WITH CARON	Latin-2
#x01F9	U+016F	LATIN SMALL LETTER U WITH RING ABOVE	Latin-2
#x01FB	U+0171	LATIN SMALL LETTER U WITH DOUBLE ACUTE	Latin-2
#x01FE	U+0163	LATIN SMALL LETTER T WITH CEDILLA	Latin-2
#x01FF	U+02D9	DOT ABOVE	Latin-2
#x02A1	U+0126	LATIN CAPITAL LETTER H WITH STROKE	Latin-3

KEYSYM value	Unicode value	Name	Set
#x02A6	U+0124	LATIN CAPITAL LETTER H WITH CIRCUMFLEX	Latin-3
#x02A9	U+0130	LATIN CAPITAL LETTER I WITH DOT ABOVE	Latin-3
#x02AB	U+011E	LATIN CAPITAL LETTER G WITH BREVE	Latin-3
#x02AC	U+0134	LATIN CAPITAL LETTER J WITH CIRCUMFLEX	Latin-3
#x02B1	U+0127	LATIN SMALL LETTER H WITH STROKE	Latin-3
#x02B6	U+0125	LATIN SMALL LETTER H WITH CIRCUMFLEX	Latin-3
#x02B9	U+0131	LATIN SMALL LETTER DOTLESS I	Latin-3
#x02BB	U+011F	LATIN SMALL LETTER G WITH BREVE	Latin-3
#x02BC	U+0135	LATIN SMALL LETTER J WITH CIRCUMFLEX	Latin-3
#x02C5	U+010A	LATIN CAPITAL LETTER C WITH DOT ABOVE	Latin-3
#x02C6	U+0108	LATIN CAPITAL LETTER C WITH CIRCUMFLEX	Latin-3
#x02D5	U+0120	LATIN CAPITAL LETTER G WITH DOT ABOVE	Latin-3
#x02D8	U+011C	LATIN CAPITAL LETTER G WITH CIRCUMFLEX	Latin-3
#x02DD	U+016C	LATIN CAPITAL LETTER U WITH BREVE	Latin-3
#x02DE	U+015C	LATIN CAPITAL LETTER S WITH CIRCUMFLEX	Latin-3
#x02E5	U+010B	LATIN SMALL LETTER C WITH DOT ABOVE	Latin-3
#x02E6	U+0109	LATIN SMALL LETTER C WITH CIRCUMFLEX	Latin-3
#x02F5	U+0121	LATIN SMALL LETTER G WITH DOT ABOVE	Latin-3
#x02F8	U+011D	LATIN SMALL LETTER G WITH CIRCUMFLEX	Latin-3
#x02FD	U+016D	LATIN SMALL LETTER U WITH BREVE	Latin-3
#x02FE	U+015D	LATIN SMALL LETTER S WITH CIRCUMFLEX	Latin-3
#x03A2	U+0138	LATIN SMALL LETTER KRA	Latin-4
#x03A3	U+0156	LATIN CAPITAL LETTER R WITH CEDILLA	Latin-4
#x03A5	U+0128	LATIN CAPITAL LETTER I WITH TILDE	Latin-4
#x03A6	U+013B	LATIN CAPITAL LETTER L WITH CEDILLA	Latin-4
#x03AA	U+0112	LATIN CAPITAL LETTER E WITH MACRON	Latin-4
#x03AB	U+0122	LATIN CAPITAL LETTER G WITH CEDILLA	Latin-4
#x03AC	U+0166	LATIN CAPITAL LETTER T WITH STROKE	Latin-4
#x03B3	U+0157	LATIN SMALL LETTER R WITH CEDILLA	Latin-4
#x03B5	U+0129	LATIN SMALL LETTER I WITH TILDE	Latin-4
#x03B6	U+013C	LATIN SMALL LETTER L WITH CEDILLA	Latin-4
#x03BA	U+0113	LATIN SMALL LETTER E WITH MACRON	Latin-4
#x03BB	U+0123	LATIN SMALL LETTER G WITH CEDILLA	Latin-4
#x03BC	U+0167	LATIN SMALL LETTER T WITH STROKE	Latin-4
#x03BD	U+014A	LATIN CAPITAL LETTER ENG	Latin-4
#x03BF	U+014B	LATIN SMALL LETTER ENG	Latin-4
#x03C0	U+0100	LATIN CAPITAL LETTER A WITH MACRON	Latin-4
#x03C7	U+012E	LATIN CAPITAL LETTER I WITH OGONEK	Latin-4
#x03CC	U+0116	LATIN CAPITAL LETTER E WITH DOT ABOVE	Latin-4
#x03CF	U+012A	LATIN CAPITAL LETTER I WITH MACRON	Latin-4
#x03D1	U+0145	LATIN CAPITAL LETTER N WITH CEDILLA	Latin-4
#x03D2	U+014C	LATIN CAPITAL LETTER O WITH MACRON	Latin-4
#x03D3	U+0136	LATIN CAPITAL LETTER K WITH CEDILLA	Latin-4
#x03D9	U+0172	LATIN CAPITAL LETTER U WITH OGONEK	Latin-4
#x03DD	U+0168	LATIN CAPITAL LETTER U WITH TILDE	Latin-4
#x03DE	U+016A	LATIN CAPITAL LETTER U WITH MACRON	Latin-4
#x03E0	U+0101	LATIN SMALL LETTER A WITH MACRON	Latin-4
#x03E7	U+012F	LATIN SMALL LETTER I WITH OGONEK	Latin-4
#x03EC	U+0117	LATIN SMALL LETTER E WITH DOT ABOVE	Latin-4
#x03EF	U+012B	LATIN SMALL LETTER I WITH MACRON	Latin-4
#x03F1	U+0146	LATIN SMALL LETTER N WITH CEDILLA	Latin-4
#x03F2	U+014D	LATIN SMALL LETTER O WITH MACRON	Latin-4
#x03F3	U+0137	LATIN SMALL LETTER K WITH CEDILLA	Latin-4
#x03F9	U+0173	LATIN SMALL LETTER U WITH OGONEK	Latin-4
#x03FD	U+0169	LATIN SMALL LETTER U WITH TILDE	Latin-4
#x03FE	U+016B	LATIN SMALL LETTER U WITH MACRON	Latin-4

KEYSYM value	Unicode value	Name	Set
#x047E	U+203E	OVERLINE	Kana
#x04A1	U+3002	KANA FULL STOP	Kana
#x04A2	U+300C	KANA OPENING BRACKET	Kana
#x04A3	U+300D	KANA CLOSING BRACKET	Kana
#x04A4	U+3001	KANA COMMA	Kana
#x04A5	U+30FB	KANA CONJUNCTIVE	Kana
#x04A6	U+30F2	KANA LETTER WO	Kana
#x04A7	U+30A1	KANA LETTER SMALL A	Kana
#x04A8	U+30A3	KANA LETTER SMALL I	Kana
#x04A9	U+30A5	KANA LETTER SMALL U	Kana
#x04AA	U+30A7	KANA LETTER SMALL E	Kana
#x04AB	U+30A9	KANA LETTER SMALL O	Kana
#x04AC	U+30E3	KANA LETTER SMALL YA	Kana
#x04AD	U+30E5	KANA LETTER SMALL YU	Kana
#x04AE	U+30E7	KANA LETTER SMALL YO	Kana
#x04AF	U+30C3	KANA LETTER SMALL TSU	Kana
#x04B0	U+30FC	PROLONGED SOUND SYMBOL	Kana
#x04B1	U+30A2	KANA LETTER A	Kana
#x04B2	U+30A4	KANA LETTER I	Kana
#x04B3	U+30A6	KANA LETTER U	Kana
#x04B4	U+30A8	KANA LETTER E	Kana
#x04B5	U+30AA	KANA LETTER O	Kana
#x04B6	U+30AB	KANA LETTER KA	Kana
#x04B7	U+30AD	KANA LETTER KI	Kana
#x04B8	U+30AF	KANA LETTER KU	Kana
#x04B9	U+30B1	KANA LETTER KE	Kana
#x04BA	U+30B3	KANA LETTER KO	Kana
#x04BB	U+30B5	KANA LETTER SA	Kana
#x04BC	U+30B7	KANA LETTER SHI	Kana
#x04BD	U+30B9	KANA LETTER SU	Kana
#x04BE	U+30BB	KANA LETTER SE	Kana
#x04BF	U+30BD	KANA LETTER SO	Kana
#x04C0	U+30BF	KANA LETTER TA	Kana
#x04C1	U+30C1	KANA LETTER CHI	Kana
#x04C2	U+30C4	KANA LETTER TSU	Kana
#x04C3	U+30C6	KANA LETTER TE	Kana
#x04C4	U+30C8	KANA LETTER TO	Kana
#x04C5	U+30CA	KANA LETTER NA	Kana
#x04C6	U+30CB	KANA LETTER NI	Kana
#x04C7	U+30CC	KANA LETTER NU	Kana
#x04C8	U+30CD	KANA LETTER NE	Kana
#x04C9	U+30CE	KANA LETTER NO	Kana
#x04CA	U+30CF	KANA LETTER HA	Kana
#x04CB	U+30D2	KANA LETTER HI	Kana
#x04CC	U+30D5	KANA LETTER FU	Kana
#x04CD	U+30D8	KANA LETTER HE	Kana
#x04CE	U+30DB	KANA LETTER HO	Kana
#x04CF	U+30DE	KANA LETTER MA	Kana
#x04D0	U+30DF	KANA LETTER MI	Kana
#x04D1	U+30E0	KANA LETTER MU	Kana
#x04D2	U+30E1	KANA LETTER ME	Kana
#x04D3	U+30E2	KANA LETTER MO	Kana
#x04D4	U+30E4	KANA LETTER YA	Kana
#x04D5	U+30E6	KANA LETTER YU	Kana
#x04D6	U+30E8	KANA LETTER YO	Kana
#x04D7	U+30E9	KANA LETTER RA	Kana
#x04D8	U+30EA	KANA LETTER RI	Kana
#x04D9	U+30EB	KANA LETTER RU	Kana
#x04DA	U+30EC	KANA LETTER RE	Kana
#x04DB	U+30ED	KANA LETTER RO	Kana

KEYSYM value	Unicode value	Name	Set
#x04DC	U+30EF	KANA LETTER WA	Kana
#x04DD	U+30F3	KANA LETTER N	Kana
#x04DE	U+309B	VOICED SOUND SYMBOL	Kana
#x04DF	U+309C	SEMIVOICED SOUND SYMBOL	Kana
#x05AC	U+060C	ARABIC COMMA	Arabic
#x05BB	U+061B	ARABIC SEMICOLON	Arabic
#x05BF	U+061F	ARABIC QUESTION MARK	Arabic
#x05C1	U+0621	ARABIC LETTER HAMZA	Arabic
#x05C2	U+0622	ARABIC LETTER ALEF WITH MADDA ABOVE	Arabic
#x05C3	U+0623	ARABIC LETTER ALEF WITH HAMZA ABOVE	Arabic
#x05C4	U+0624	ARABIC LETTER WAW WITH HAMZA ABOVE	Arabic
#x05C5	U+0625	ARABIC LETTER ALEF WITH HAMZA BELOW	Arabic
#x05C6	U+0626	ARABIC LETTER YEH WITH HAMZA ABOVE	Arabic
#x05C7	U+0627	ARABIC LETTER ALEF	Arabic
#x05C8	U+0628	ARABIC LETTER BEH	Arabic
#x05C9	U+0629	ARABIC LETTER TEH MARBUTA	Arabic
#x05CA	U+062A	ARABIC LETTER TEH	Arabic
#x05CB	U+062B	ARABIC LETTER THEH	Arabic
#x05CC	U+062C	ARABIC LETTER JEEM	Arabic
#x05CD	U+062D	ARABIC LETTER HAH	Arabic
#x05CE	U+062E	ARABIC LETTER KHAH	Arabic
#x05CF	U+062F	ARABIC LETTER DAL	Arabic
#x05D0	U+0630	ARABIC LETTER THAL	Arabic
#x05D1	U+0631	ARABIC LETTER REH	Arabic
#x05D2	U+0632	ARABIC LETTER ZAIN	Arabic
#x05D3	U+0633	ARABIC LETTER SEEN	Arabic
#x05D4	U+0634	ARABIC LETTER SHEEN	Arabic
#x05D5	U+0635	ARABIC LETTER SAD	Arabic
#x05D6	U+0636	ARABIC LETTER DAD	Arabic
#x05D7	U+0637	ARABIC LETTER TAH	Arabic
#x05D8	U+0638	ARABIC LETTER ZAH	Arabic
#x05D9	U+0639	ARABIC LETTER AIN	Arabic
#x05DA	U+063A	ARABIC LETTER GHAIN	Arabic
#x05E0	U+0640	ARABIC TATWEEL	Arabic
#x05E1	U+0641	ARABIC LETTER FEH	Arabic
#x05E2	U+0642	ARABIC LETTER QAF	Arabic
#x05E3	U+0643	ARABIC LETTER KAF	Arabic
#x05E4	U+0644	ARABIC LETTER LAM	Arabic
#x05E5	U+0645	ARABIC LETTER MEEM	Arabic
#x05E6	U+0646	ARABIC LETTER NOON	Arabic
#x05E7	U+0647	ARABIC LETTER HEH	Arabic
#x05E8	U+0648	ARABIC LETTER WAW	Arabic
#x05E9	U+0649	ARABIC LETTER ALEF MAKSURA	Arabic
#x05EA	U+064A	ARABIC LETTER YEH	Arabic
#x05EB	U+064B	ARABIC FATHATAN	Arabic
#x05EC	U+064C	ARABIC DAMMATAN	Arabic
#x05ED	U+064D	ARABIC KASRATAN	Arabic
#x05EE	U+064E	ARABIC FATHA	Arabic
#x05EF	U+064F	ARABIC DAMMA	Arabic
#x05F0	U+0650	ARABIC KASRA	Arabic
#x05F1	U+0651	ARABIC SHADDA	Arabic
#x05F2	U+0652	ARABIC SUKUN	Arabic
#x06A1	U+0452	CYRILLIC SMALL LETTER DJE	Cyrillic
#x06A2	U+0453	CYRILLIC SMALL LETTER GJE	Cyrillic
#x06A3	U+0451	CYRILLIC SMALL LETTER IO	Cyrillic
#x06A4	U+0454	CYRILLIC SMALL LETTER UKRAINIAN IE	Cyrillic

KEYSYM value	Unicode value	Name	Set
#x06A5	U+0455	CYRILLIC SMALL LETTER DZE	Cyrillic
#x06A6	U+0456	CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I	Cyrillic
#x06A7	U+0457	CYRILLIC SMALL LETTER YI	Cyrillic
#x06A8	U+0458	CYRILLIC SMALL LETTER JE	Cyrillic
#x06A9	U+0459	CYRILLIC SMALL LETTER LJE	Cyrillic
#x06AA	U+045A	CYRILLIC SMALL LETTER NJE	Cyrillic
#x06AB	U+045B	CYRILLIC SMALL LETTER TSHE	Cyrillic
#x06AC	U+045C	CYRILLIC SMALL LETTER KJE	Cyrillic
#x06AD	U+0491	CYRILLIC SMALL LETTER GHE WITH UPTURN	Cyrillic
#x06AE	U+045E	CYRILLIC SMALL LETTER SHORT U	Cyrillic
#x06AF	U+045F	CYRILLIC SMALL LETTER DZHE	Cyrillic
#x06B0	U+2116	NUMERO SIGN	Cyrillic
#x06B1	U+0402	CYRILLIC CAPITAL LETTER DJE	Cyrillic
#x06B2	U+0403	CYRILLIC CAPITAL LETTER GJE	Cyrillic
#x06B3	U+0401	CYRILLIC CAPITAL LETTER IO	Cyrillic
#x06B4	U+0404	CYRILLIC CAPITAL LETTER UKRAINIAN IE	Cyrillic
#x06B5	U+0405	CYRILLIC CAPITAL LETTER DZE	Cyrillic
#x06B6	U+0406	CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I	Cyrillic
#x06B7	U+0407	CYRILLIC CAPITAL LETTER YI	Cyrillic
#x06B8	U+0408	CYRILLIC CAPITAL LETTER JE	Cyrillic
#x06B9	U+0409	CYRILLIC CAPITAL LETTER LJE	Cyrillic
#x06BA	U+040A	CYRILLIC CAPITAL LETTER NJE	Cyrillic
#x06BB	U+040B	CYRILLIC CAPITAL LETTER TSHE	Cyrillic
#x06BC	U+040C	CYRILLIC CAPITAL LETTER KJE	Cyrillic
#x06BD	U+0490	CYRILLIC CAPITAL LETTER GHE WITH UPTURN	Cyrillic
#x06BE	U+040E	CYRILLIC CAPITAL LETTER SHORT U	Cyrillic
#x06BF	U+040F	CYRILLIC CAPITAL LETTER DZHE	Cyrillic
#x06C0	U+044E	CYRILLIC SMALL LETTER YU	Cyrillic
#x06C1	U+0430	CYRILLIC SMALL LETTER A	Cyrillic
#x06C2	U+0431	CYRILLIC SMALL LETTER BE	Cyrillic
#x06C3	U+0446	CYRILLIC SMALL LETTER TSE	Cyrillic
#x06C4	U+0434	CYRILLIC SMALL LETTER DE	Cyrillic
#x06C5	U+0435	CYRILLIC SMALL LETTER IE	Cyrillic
#x06C6	U+0444	CYRILLIC SMALL LETTER EF	Cyrillic
#x06C7	U+0433	CYRILLIC SMALL LETTER GHE	Cyrillic
#x06C8	U+0445	CYRILLIC SMALL LETTER HA	Cyrillic
#x06C9	U+0438	CYRILLIC SMALL LETTER I	Cyrillic
#x06CA	U+0439	CYRILLIC SMALL LETTER SHORT I	Cyrillic
#x06CB	U+043A	CYRILLIC SMALL LETTER KA	Cyrillic
#x06CC	U+043B	CYRILLIC SMALL LETTER EL	Cyrillic
#x06CD	U+043C	CYRILLIC SMALL LETTER EM	Cyrillic
#x06CE	U+043D	CYRILLIC SMALL LETTER EN	Cyrillic
#x06CF	U+043E	CYRILLIC SMALL LETTER O	Cyrillic
#x06D0	U+043F	CYRILLIC SMALL LETTER PE	Cyrillic
#x06D1	U+044F	CYRILLIC SMALL LETTER YA	Cyrillic
#x06D2	U+0440	CYRILLIC SMALL LETTER ER	Cyrillic
#x06D3	U+0441	CYRILLIC SMALL LETTER ES	Cyrillic
#x06D4	U+0442	CYRILLIC SMALL LETTER TE	Cyrillic
#x06D5	U+0443	CYRILLIC SMALL LETTER U	Cyrillic
#x06D6	U+0436	CYRILLIC SMALL LETTER ZHE	Cyrillic
#x06D7	U+0432	CYRILLIC SMALL LETTER VE	Cyrillic
#x06D8	U+044C	CYRILLIC SMALL LETTER SOFT SIGN	Cyrillic
#x06D9	U+044B	CYRILLIC SMALL LETTER YERU	Cyrillic
#x06DA	U+0437	CYRILLIC SMALL LETTER ZE	Cyrillic
#x06DB	U+0448	CYRILLIC SMALL LETTER SHA	Cyrillic
#x06DC	U+044D	CYRILLIC SMALL LETTER E	Cyrillic
#x06DD	U+0449	CYRILLIC SMALL LETTER SHCHA	Cyrillic
#x06DE	U+0447	CYRILLIC SMALL LETTER CHE	Cyrillic
#x06DF	U+044A	CYRILLIC SMALL LETTER HARD SIGN	Cyrillic
#x06E0	U+042E	CYRILLIC CAPITAL LETTER YU	Cyrillic

KEYSYM value	Unicode value	Name	Set
#x06E1	U+0410	CYRILLIC CAPITAL LETTER A	Cyrillic
#x06E2	U+0411	CYRILLIC CAPITAL LETTER BE	Cyrillic
#x06E3	U+0426	CYRILLIC CAPITAL LETTER TSE	Cyrillic
#x06E4	U+0414	CYRILLIC CAPITAL LETTER DE	Cyrillic
#x06E5	U+0415	CYRILLIC CAPITAL LETTER IE	Cyrillic
#x06E6	U+0424	CYRILLIC CAPITAL LETTER EF	Cyrillic
#x06E7	U+0413	CYRILLIC CAPITAL LETTER GHE	Cyrillic
#x06E8	U+0425	CYRILLIC CAPITAL LETTER HA	Cyrillic
#x06E9	U+0418	CYRILLIC CAPITAL LETTER I	Cyrillic
#x06EA	U+0419	CYRILLIC CAPITAL LETTER SHORT I	Cyrillic
#x06EB	U+041A	CYRILLIC CAPITAL LETTER KA	Cyrillic
#x06EC	U+041B	CYRILLIC CAPITAL LETTER EL	Cyrillic
#x06ED	U+041C	CYRILLIC CAPITAL LETTER EM	Cyrillic
#x06EE	U+041D	CYRILLIC CAPITAL LETTER EN	Cyrillic
#x06EF	U+041E	CYRILLIC CAPITAL LETTER O	Cyrillic
#x06F0	U+041F	CYRILLIC CAPITAL LETTER PE	Cyrillic
#x06F1	U+042F	CYRILLIC CAPITAL LETTER YA	Cyrillic
#x06F2	U+0420	CYRILLIC CAPITAL LETTER ER	Cyrillic
#x06F3	U+0421	CYRILLIC CAPITAL LETTER ES	Cyrillic
#x06F4	U+0422	CYRILLIC CAPITAL LETTER TE	Cyrillic
#x06F5	U+0423	CYRILLIC CAPITAL LETTER U	Cyrillic
#x06F6	U+0416	CYRILLIC CAPITAL LETTER ZHE	Cyrillic
#x06F7	U+0412	CYRILLIC CAPITAL LETTER VE	Cyrillic
#x06F8	U+042C	CYRILLIC CAPITAL LETTER SOFT SIGN	Cyrillic
#x06F9	U+042B	CYRILLIC CAPITAL LETTER YERU	Cyrillic
#x06FA	U+0417	CYRILLIC CAPITAL LETTER ZE	Cyrillic
#x06FB	U+0428	CYRILLIC CAPITAL LETTER SHA	Cyrillic
#x06FC	U+042D	CYRILLIC CAPITAL LETTER E	Cyrillic
#x06FD	U+0429	CYRILLIC CAPITAL LETTER SHCHA	Cyrillic
#x06FE	U+0427	CYRILLIC CAPITAL LETTER CHE	Cyrillic
#x06FF	U+042A	CYRILLIC CAPITAL LETTER HARD SIGN	Cyrillic
#x07A1	U+0386	GREEK CAPITAL LETTER ALPHA WITH TONOS	Greek
#x07A2	U+0388	GREEK CAPITAL LETTER EPSILON WITH TONOS	Greek
#x07A3	U+0389	GREEK CAPITAL LETTER ETA WITH TONOS	Greek
#x07A4	U+038A	GREEK CAPITAL LETTER IOTA WITH TONOS	Greek
#x07A5	U+03AA	GREEK CAPITAL LETTER IOTA WITH DIALYTIKA	Greek
#x07A7	U+038C	GREEK CAPITAL LETTER OMICRON WITH TONOS	Greek
#x07A8	U+038E	GREEK CAPITAL LETTER UPSILON WITH TONOS	Greek
#x07A9	U+03AB	GREEK CAPITAL LETTER UPSILON WITH DIALYTIKA	Greek
#x07AB	U+038F	GREEK CAPITAL LETTER OMEGA WITH TONOS	Greek
#x07AE	U+0385	GREEK DIALYTIKA TONOS	Greek
#x07AF	U+2015	HORIZONTAL BAR	Greek
#x07B1	U+03AC	GREEK SMALL LETTER ALPHA WITH TONOS	Greek
#x07B2	U+03AD	GREEK SMALL LETTER EPSILON WITH TONOS	Greek
#x07B3	U+03AE	GREEK SMALL LETTER ETA WITH TONOS	Greek
#x07B4	U+03AF	GREEK SMALL LETTER IOTA WITH TONOS	Greek
#x07B5	U+03AA	GREEK SMALL LETTER IOTA WITH DIALYTIKA	Greek
#x07B6	U+0390	GREEK SMALL LETTER IOTA WITH DIALYTIKA AND TONOS	Greek
#x07B7	U+03CC	GREEK SMALL LETTER OMICRON WITH TONOS	Greek
#x07B8	U+03CD	GREEK SMALL LETTER UPSILON WITH TONOS	Greek
#x07B9	U+03CB	GREEK SMALL LETTER UPSILON WITH DIALYTIKA	Greek
#x07BA	U+03B0	GREEK SMALL LETTER UPSILON WITH DIALYTIKA AND TONOS	Greek
#x07BB	U+03CE	GREEK SMALL LETTER OMEGA WITH TONOS	Greek
#x07C1	U+0391	GREEK CAPITAL LETTER ALPHA	Greek
#x07C2	U+0392	GREEK CAPITAL LETTER BETA	Greek
#x07C3	U+0393	GREEK CAPITAL LETTER GAMMA	Greek
#x07C4	U+0394	GREEK CAPITAL LETTER DELTA	Greek
#x07C5	U+0395	GREEK CAPITAL LETTER EPSILON	Greek

KEYSYM value	Unicode value	Name	Set
#x07C6	U+0396	GREEK CAPITAL LETTER ZETA	Greek
#x07C7	U+0397	GREEK CAPITAL LETTER ETA	Greek
#x07C8	U+0398	GREEK CAPITAL LETTER THETA	Greek
#x07C9	U+0399	GREEK CAPITAL LETTER IOTA	Greek
#x07CA	U+039A	GREEK CAPITAL LETTER KAPPA	Greek
#x07CB	U+039B	GREEK CAPITAL LETTER LAMDA	Greek
#x07CC	U+039C	GREEK CAPITAL LETTER MU	Greek
#x07CD	U+039D	GREEK CAPITAL LETTER NU	Greek
#x07CE	U+039E	GREEK CAPITAL LETTER XI	Greek
#x07CF	U+039F	GREEK CAPITAL LETTER OMICRON	Greek
#x07D0	U+03A0	GREEK CAPITAL LETTER PI	Greek
#x07D1	U+03A1	GREEK CAPITAL LETTER RHO	Greek
#x07D2	U+03A3	GREEK CAPITAL LETTER SIGMA	Greek
#x07D4	U+03A4	GREEK CAPITAL LETTER TAU	Greek
#x07D5	U+03A5	GREEK CAPITAL LETTER UPSILON	Greek
#x07D6	U+03A6	GREEK CAPITAL LETTER PHI	Greek
#x07D7	U+03A7	GREEK CAPITAL LETTER CHI	Greek
#x07D8	U+03A8	GREEK CAPITAL LETTER PSI	Greek
#x07D9	U+03A9	GREEK CAPITAL LETTER OMEGA	Greek
#x07E1	U+03B1	GREEK SMALL LETTER ALPHA	Greek
#x07E2	U+03B2	GREEK SMALL LETTER BETA	Greek
#x07E3	U+03B3	GREEK SMALL LETTER GAMMA	Greek
#x07E4	U+03B4	GREEK SMALL LETTER DELTA	Greek
#x07E5	U+03B5	GREEK SMALL LETTER EPSILON	Greek
#x07E6	U+03B6	GREEK SMALL LETTER ZETA	Greek
#x07E7	U+03B7	GREEK SMALL LETTER ETA	Greek
#x07E8	U+03B8	GREEK SMALL LETTER THETA	Greek
#x07E9	U+03B9	GREEK SMALL LETTER IOTA	Greek
#x07EA	U+03BA	GREEK SMALL LETTER KAPPA	Greek
#x07EB	U+03BB	GREEK SMALL LETTER LAMDA	Greek
#x07EC	U+03BC	GREEK SMALL LETTER MU	Greek
#x07ED	U+03BD	GREEK SMALL LETTER NU	Greek
#x07EE	U+03BE	GREEK SMALL LETTER XI	Greek
#x07EF	U+03BF	GREEK SMALL LETTER OMICRON	Greek
#x07F0	U+03C0	GREEK SMALL LETTER PI	Greek
#x07F1	U+03C1	GREEK SMALL LETTER RHO	Greek
#x07F2	U+03C3	GREEK SMALL LETTER SIGMA	Greek
#x07F3	U+03C2	GREEK SMALL LETTER FINAL SIGMA	Greek
#x07F4	U+03C4	GREEK SMALL LETTER TAU	Greek
#x07F5	U+03C5	GREEK SMALL LETTER UPSILON	Greek
#x07F6	U+03C6	GREEK SMALL LETTER PHI	Greek
#x07F7	U+03C7	GREEK SMALL LETTER CHI	Greek
#x07F8	U+03C8	GREEK SMALL LETTER PSI	Greek
#x07F9	U+03C9	GREEK SMALL LETTER OMEGA	Greek
#x08A1	U+23B7	LEFT RADICAL	Technical
#x08A2	-	TOP LEFT RADICAL	Technical
#x08A3	-	HORIZONTAL CONNECTOR	Technical
#x08A4	U+2320	TOP INTEGRAL	Technical
#x08A5	U+2321	BOTTOM INTEGRAL	Technical
#x08A6	-	VERTICAL CONNECTOR	Technical
#x08A7	U+23A1	TOP LEFT SQUARE BRACKET	Technical
#x08A8	U+23A3	BOTTOM LEFT SQUARE BRACKET	Technical
#x08A9	U+23A4	TOP RIGHT SQUARE BRACKET	Technical
#x08AA	U+23A6	BOTTOM RIGHT SQUARE BRACKET	Technical
#x08AB	U+239B	TOP LEFT PARENTHESIS	Technical
#x08AC	U+239D	BOTTOM LEFT PARENTHESIS	Technical
#x08AD	U+239E	TOP RIGHT PARENTHESIS	Technical
#x08AE	U+23A0	BOTTOM RIGHT PARENTHESIS	Technical

KEYSYM value	Unicode value	Name	Set
#x08AF	U+23A8	LEFT MIDDLE CURLY BRACE	Technical
#x08B0	U+23AC	RIGHT MIDDLE CURLY BRACE	Technical
#x08B1	–	TOP LEFT SUMMATION	Technical
#x08B2	–	BOTTOM LEFT SUMMATION	Technical
#x08B3	–	TOP VERTICAL SUMMATION CONNECTOR	Technical
#x08B4	–	BOTTOM VERTICAL SUMMATION CONNECTOR	Technical
#x08B5	–	TOP RIGHT SUMMATION	Technical
#x08B6	–	BOTTOM RIGHT SUMMATION	Technical
#x08B7	–	RIGHT MIDDLE SUMMATION	Technical
#x08BC	U+2264	LESS THAN OR EQUAL SIGN	Technical
#x08BD	U+2260	NOT EQUAL SIGN	Technical
#x08BE	U+2265	GREATER THAN OR EQUAL SIGN	Technical
#x08BF	U+222B	INTEGRAL	Technical
#x08C0	U+2234	THEREFORE	Technical
#x08C1	U+221D	VARIATION, PROPORTIONAL TO	Technical
#x08C2	U+221E	INFINITY	Technical
#x08C5	U+2207	NABLA, DEL	Technical
#x08C8	U+223C	IS APPROXIMATE TO	Technical
#x08C9	U+2243	SIMILAR OR EQUAL TO	Technical
#x08CD	U+21D4	IF AND ONLY IF	Technical
#x08CE	U+21D2	IMPLIES	Technical
#x08CF	U+2261	IDENTICAL TO	Technical
#x08D6	U+221A	RADICAL	Technical
#x08DA	U+2282	IS INCLUDED IN	Technical
#x08DB	U+2283	INCLUDES	Technical
#x08DC	U+2229	INTERSECTION	Technical
#x08DD	U+222A	UNION	Technical
#x08DE	U+2227	LOGICAL AND	Technical
#x08DF	U+2228	LOGICAL OR	Technical
#x08EF	U+2202	PARTIAL DERIVATIVE	Technical
#x08F6	U+0192	FUNCTION	Technical
#x08FB	U+2190	LEFT ARROW	Technical
#x08FC	U+2191	UPWARD ARROW	Technical
#x08FD	U+2192	RIGHT ARROW	Technical
#x08FE	U+2193	DOWNWARD ARROW	Technical
#x09DF	–	BLANK	Special
#x09E0	U+25C6	SOLID DIAMOND	Special
#x09E1	U+2592	CHECKERBOARD	Special
#x09E2	U+2409	“HT”	Special
#x09E3	U+240C	“FF”	Special
#x09E4	U+240D	“CR”	Special
#x09E5	U+240A	“LF”	Special
#x09E8	U+2424	“NL”	Special
#x09E9	U+240B	“VT”	Special
#x09EA	U+2518	LOWER-RIGHT CORNER	Special
#x09EB	U+2510	UPPER-RIGHT CORNER	Special
#x09EC	U+250C	UPPER-LEFT CORNER	Special
#x09ED	U+2514	LOWER-LEFT CORNER	Special
#x09EE	U+253C	CROSSING-LINES	Special
#x09EF	U+23BA	HORIZONTAL LINE, SCAN 1	Special
#x09F0	U+23BB	HORIZONTAL LINE, SCAN 3	Special
#x09F1	U+2500	HORIZONTAL LINE, SCAN 5	Special
#x09F2	U+23BC	HORIZONTAL LINE, SCAN 7	Special
#x09F3	U+23BD	HORIZONTAL LINE, SCAN 9	Special
#x09F4	U+251C	LEFT “T”	Special
#x09F5	U+2524	RIGHT “T”	Special
#x09F6	U+2534	BOTTOM “T”	Special
#x09F7	U+252C	TOP “T”	Special

KEYSYM value	Unicode value	Name	Set
#x09F8	U+2502	VERTICAL BAR	Special
#x0AA1	U+2003	EM SPACE	Publish
#x0AA2	U+2002	EN SPACE	Publish
#x0AA3	U+2004	3/EM SPACE	Publish
#x0AA4	U+2005	4/EM SPACE	Publish
#x0AA5	U+2007	DIGIT SPACE	Publish
#x0AA6	U+2008	PUNCTUATION SPACE	Publish
#x0AA7	U+2009	THIN SPACE	Publish
#x0AA8	U+200A	HAIR SPACE	Publish
#x0AA9	U+2014	EM DASH	Publish
#x0AAA	U+2013	EN DASH	Publish
#x0AAC	–	SIGNIFICANT BLANK SYMBOL	Publish
#x0AAE	U+2026	ELLIPSIS	Publish
#x0AAF	U+2025	DOUBLE BASELINE DOT	Publish
#x0AB0	U+2153	VULGAR FRACTION ONE THIRD	Publish
#x0AB1	U+2154	VULGAR FRACTION TWO THIRDS	Publish
#x0AB2	U+2155	VULGAR FRACTION ONE FIFTH	Publish
#x0AB3	U+2156	VULGAR FRACTION TWO FIFTHS	Publish
#x0AB4	U+2157	VULGAR FRACTION THREE FIFTHS	Publish
#x0AB5	U+2158	VULGAR FRACTION FOUR FIFTHS	Publish
#x0AB6	U+2159	VULGAR FRACTION ONE SIXTH	Publish
#x0AB7	U+215A	VULGAR FRACTION FIVE SIXTHS	Publish
#x0AB8	U+2105	CARE OF	Publish
#x0ABB	U+2012	FIGURE DASH	Publish
#x0ABC	–	LEFT ANGLE BRACKET	Publish
#x0ABD	–	DECIMAL POINT	Publish
#x0ABE	–	RIGHT ANGLE BRACKET	Publish
#x0ABF	–	MARKER	Publish
#x0AC3	U+215B	VULGAR FRACTION ONE EIGHTH	Publish
#x0AC4	U+215C	VULGAR FRACTION THREE EIGHTHS	Publish
#x0AC5	U+215D	VULGAR FRACTION FIVE EIGHTHS	Publish
#x0AC6	U+215E	VULGAR FRACTION SEVEN EIGHTHS	Publish
#x0AC9	U+2122	TRADEMARK SIGN	Publish
#x0ACA	–	SIGNATURE MARK	Publish
#x0ACB	–	TRADEMARK SIGN IN CIRCLE	Publish
#x0ACC	–	LEFT OPEN TRIANGLE	Publish
#x0ACD	–	RIGHT OPEN TRIANGLE	Publish
#x0ACE	–	EM OPEN CIRCLE	Publish
#x0ACF	–	EM OPEN RECTANGLE	Publish
#x0AD0	U+2018	LEFT SINGLE QUOTATION MARK	Publish
#x0AD1	U+2019	RIGHT SINGLE QUOTATION MARK	Publish
#x0AD2	U+201C	LEFT DOUBLE QUOTATION MARK	Publish
#x0AD3	U+201D	RIGHT DOUBLE QUOTATION MARK	Publish
#x0AD4	U+211E	PRESCRIPTION, TAKE, RECIPE	Publish
#x0AD6	U+2032	MINUTES	Publish
#x0AD7	U+2033	SECONDS	Publish
#x0AD9	U+271D	LATIN CROSS	Publish
#x0ADA	–	HEXAGRAM	Publish
#x0ADB	–	FILLED RECTANGLE BULLET	Publish
#x0ADC	–	FILLED LEFT TRIANGLE BULLET	Publish
#x0ADD	–	FILLED RIGHT TRIANGLE BULLET	Publish
#x0ADE	–	EM FILLED CIRCLE	Publish
#x0ADF	–	EM FILLED RECTANGLE	Publish
#x0AE0	–	EN OPEN CIRCLE BULLET	Publish
#x0AE1	–	EN OPEN SQUARE BULLET	Publish
#x0AE2	–	OPEN RECTANGULAR BULLET	Publish
#x0AE3	–	OPEN TRIANGULAR BULLET UP	Publish
#x0AE4	–	OPEN TRIANGULAR BULLET DOWN	Publish

KEYSYM value	Unicode value	Name	Set
#x0AE5	-	OPEN STAR	Publish
#x0AE6	-	EN FILLED CIRCLE BULLET	Publish
#x0AE7	-	EN FILLED SQUARE BULLET	Publish
#x0AE8	-	FILLED TRIANGULAR BULLET UP	Publish
#x0AE9	-	FILLED TRIANGULAR BULLET DOWN	Publish
#x0AEA	-	LEFT POINTER	Publish
#x0AEB	-	RIGHT POINTER	Publish
#x0AEC	U+2663	CLUB	Publish
#x0AED	U+2666	DIAMOND	Publish
#x0AEE	U+2665	HEART	Publish
#x0AF0	U+2720	MALTESE CROSS	Publish
#x0AF1	U+2020	DAGGER	Publish
#x0AF2	U+2021	DOUBLE DAGGER	Publish
#x0AF3	U+2713	CHECK MARK, TICK	Publish
#x0AF4	U+2717	BALLOT CROSS	Publish
#x0AF5	U+266F	MUSICAL SHARP	Publish
#x0AF6	U+266D	MUSICAL FLAT	Publish
#x0AF7	U+2642	MALE SYMBOL	Publish
#x0AF8	U+2640	FEMALE SYMBOL	Publish
#x0AF9	U+260E	TELEPHONE SYMBOL	Publish
#x0AFA	U+2315	TELEPHONE RECORDER SYMBOL	Publish
#x0AFB	U+2117	PHONOGRAPH COPYRIGHT SIGN	Publish
#x0AFC	U+2038	CARET	Publish
#x0AFD	U+201A	SINGLE LOW QUOTATION MARK	Publish
#x0AFE	U+201E	DOUBLE LOW QUOTATION MARK	Publish
#x0AFF	-	CURSOR	Publish
#x0BA3	-	LEFT CARET	APL
#x0BA6	-	RIGHT CARET	APL
#x0BA8	-	DOWN CARET	APL
#x0BA9	-	UP CARET	APL
#x0BC0	-	OVERBAR	APL
#x0BC2	U+22A5	DOWN TACK	APL
#x0BC3	-	UP SHOE (CAP)	APL
#x0BC4	U+230A	DOWN STILE	APL
#x0BC6	-	UNDERBAR	APL
#x0BCA	U+2218	JOT	APL
#x0BCC	U+2395	QUAD	APL
#x0BCE	U+22A4	UP TACK	APL
#x0BCF	U+25CB	CIRCLE	APL
#x0BD3	U+2308	UP STILE	APL
#x0BD6	-	DOWN SHOE (CUP)	APL
#x0BD8	-	RIGHT SHOE	APL
#x0BDA	-	LEFT SHOE	APL
#x0BDC	U+22A2	LEFT TACK	APL
#x0BFC	U+22A3	RIGHT TACK	APL
#x0CDF	U+2017	DOUBLE LOW LINE	Hebrew
#x0CE0	U+05D0	HEBREW LETTER ALEF	Hebrew
#x0CE1	U+05D1	HEBREW LETTER BET	Hebrew
#x0CE2	U+05D2	HEBREW LETTER GIMEL	Hebrew
#x0CE3	U+05D3	HEBREW LETTER DALET	Hebrew
#x0CE4	U+05D4	HEBREW LETTER HE	Hebrew
#x0CE5	U+05D5	HEBREW LETTER VAV	Hebrew
#x0CE6	U+05D6	HEBREW LETTER ZAYIN	Hebrew
#x0CE7	U+05D7	HEBREW LETTER HET	Hebrew
#x0CE8	U+05D8	HEBREW LETTER TET	Hebrew
#x0CE9	U+05D9	HEBREW LETTER YOD	Hebrew

KEYSYM value	Unicode value	Name	Set
#x0CEA	U+05DA	HEBREW LETTER FINAL KAF	Hebrew
#x0CEB	U+05DB	HEBREW LETTER KAF	Hebrew
#x0CEC	U+05DC	HEBREW LETTER LAMED	Hebrew
#x0CED	U+05DD	HEBREW LETTER FINAL MEM	Hebrew
#x0CEE	U+05DE	HEBREW LETTER MEM	Hebrew
#x0CEF	U+05DF	HEBREW LETTER FINAL NUN	Hebrew
#x0CF0	U+05E0	HEBREW LETTER NUN	Hebrew
#x0CF1	U+05E1	HEBREW LETTER SAMEKH	Hebrew
#x0CF2	U+05E2	HEBREW LETTER AYIN	Hebrew
#x0CF3	U+05E3	HEBREW LETTER FINAL PE	Hebrew
#x0CF4	U+05E4	HEBREW LETTER PE	Hebrew
#x0CF5	U+05E5	HEBREW LETTER FINAL TSADI	Hebrew
#x0CF6	U+05E6	HEBREW LETTER TSADI	Hebrew
#x0CF7	U+05E7	HEBREW LETTER QOF	Hebrew
#x0CF8	U+05E8	HEBREW LETTER RESH	Hebrew
#x0CF9	U+05E9	HEBREW LETTER SHIN	Hebrew
#x0CFA	U+05EA	HEBREW LETTER TAV	Hebrew
#x0DA1	U+0E01	THAI CHARACTER KO KAI	Thai
#x0DA2	U+0E02	THAI CHARACTER KHO KHAI	Thai
#x0DA3	U+0E03	THAI CHARACTER KHO KHUAT	Thai
#x0DA4	U+0E04	THAI CHARACTER KHO KHWAI	Thai
#x0DA5	U+0E05	THAI CHARACTER KHO KHON	Thai
#x0DA6	U+0E06	THAI CHARACTER KHO RAKHANG	Thai
#x0DA7	U+0E07	THAI CHARACTER NGO NGU	Thai
#x0DA8	U+0E08	THAI CHARACTER CHO CHAN	Thai
#x0DA9	U+0E09	THAI CHARACTER CHO CHING	Thai
#x0DAA	U+0E0A	THAI CHARACTER CHO CHANG	Thai
#x0DAB	U+0E0B	THAI CHARACTER SO SO	Thai
#x0DAC	U+0E0C	THAI CHARACTER CHO CHOE	Thai
#x0DAD	U+0E0D	THAI CHARACTER YO YING	Thai
#x0DAE	U+0E0E	THAI CHARACTER DO CHADA	Thai
#x0DAF	U+0E0F	THAI CHARACTER TO PATAK	Thai
#x0DB0	U+0E10	THAI CHARACTER THO THAN	Thai
#x0DB1	U+0E11	THAI CHARACTER THO NANGMONTHO	Thai
#x0DB2	U+0E12	THAI CHARACTER THO PHUTHAO	Thai
#x0DB3	U+0E13	THAI CHARACTER NO NEN	Thai
#x0DB4	U+0E14	THAI CHARACTER DO DEK	Thai
#x0DB5	U+0E15	THAI CHARACTER TO TAO	Thai
#x0DB6	U+0E16	THAI CHARACTER THO THUNG	Thai
#x0DB7	U+0E17	THAI CHARACTER THO THAHAN	Thai
#x0DB8	U+0E18	THAI CHARACTER THO THONG	Thai
#x0DB9	U+0E19	THAI CHARACTER NO NU	Thai
#x0DBA	U+0E1A	THAI CHARACTER BO BAIMAI	Thai
#x0DBB	U+0E1B	THAI CHARACTER PO PLA	Thai
#x0DBC	U+0E1C	THAI CHARACTER PHO PHUNG	Thai
#x0DBD	U+0E1D	THAI CHARACTER FO FA	Thai
#x0DBE	U+0E1E	THAI CHARACTER PHO PHAN	Thai
#x0DBF	U+0E1F	THAI CHARACTER FO FAN	Thai
#x0DC0	U+0E20	THAI CHARACTER PHO SAMPHAO	Thai
#x0DC1	U+0E21	THAI CHARACTER MO MA	Thai
#x0DC2	U+0E22	THAI CHARACTER YO YAK	Thai
#x0DC3	U+0E23	THAI CHARACTER RO RUA	Thai
#x0DC4	U+0E24	THAI CHARACTER RU	Thai
#x0DC5	U+0E25	THAI CHARACTER LO LING	Thai
#x0DC6	U+0E26	THAI CHARACTER LU	Thai
#x0DC7	U+0E27	THAI CHARACTER WO WAEN	Thai
#x0DC8	U+0E28	THAI CHARACTER SO SALA	Thai
#x0DC9	U+0E29	THAI CHARACTER SO RUSI	Thai

KEYSYM value	Unicode value	Name	Set
#x0DCA	U+0E2A	THAI CHARACTER SO SUA	Thai
#x0DCB	U+0E2B	THAI CHARACTER HO HIP	Thai
#x0DCC	U+0E2C	THAI CHARACTER LO CHULA	Thai
#x0DCD	U+0E2D	THAI CHARACTER O ANG	Thai
#x0DCE	U+0E2E	THAI CHARACTER HO NOKHUK	Thai
#x0DCF	U+0E2F	THAI CHARACTER PAIYANNOI	Thai
#x0DD0	U+0E30	THAI CHARACTER SARA A	Thai
#x0DD1	U+0E31	THAI CHARACTER MAI HAN-AKAT	Thai
#x0DD2	U+0E32	THAI CHARACTER SARA AA	Thai
#x0DD3	U+0E33	THAI CHARACTER SARA AM	Thai
#x0DD4	U+0E34	THAI CHARACTER SARA I	Thai
#x0DD5	U+0E35	THAI CHARACTER SARA II	Thai
#x0DD6	U+0E36	THAI CHARACTER SARA UE	Thai
#x0DD7	U+0E37	THAI CHARACTER SARA UEE	Thai
#x0DD8	U+0E38	THAI CHARACTER SARA U	Thai
#x0DD9	U+0E39	THAI CHARACTER SARA UU	Thai
#x0DDA	U+0E3A	THAI CHARACTER PHINTHU	Thai
#x0DDF	U+0E3F	THAI CURRENCY SYMBOL BAHT	Thai
#x0DE0	U+0E40	THAI CHARACTER SARA E	Thai
#x0DE1	U+0E41	THAI CHARACTER SARA AE	Thai
#x0DE2	U+0E42	THAI CHARACTER SARA O	Thai
#x0DE3	U+0E43	THAI CHARACTER SARA AI MAIMUAN	Thai
#x0DE4	U+0E44	THAI CHARACTER SARA AI MAIMALAI	Thai
#x0DE5	U+0E45	THAI CHARACTER LAKKHANGYAO	Thai
#x0DE6	U+0E46	THAI CHARACTER MAIYAMOK	Thai
#x0DE7	U+0E47	THAI CHARACTER MAITAKHU	Thai
#x0DE8	U+0E48	THAI CHARACTER MAI EK	Thai
#x0DE9	U+0E49	THAI CHARACTER MAI THO	Thai
#x0DEA	U+0E4A	THAI CHARACTER MAI TRI	Thai
#x0DEB	U+0E4B	THAI CHARACTER MAI CHATTAWA	Thai
#x0DEC	U+0E4C	THAI CHARACTER THANTHAKHAT	Thai
#x0DED	U+0E4D	THAI CHARACTER NIKHAHIT	Thai
#x0DF0	U+0E50	THAI DIGIT ZERO	Thai
#x0DF1	U+0E51	THAI DIGIT ONE	Thai
#x0DF2	U+0E52	THAI DIGIT TWO	Thai
#x0DF3	U+0E53	THAI DIGIT THREE	Thai
#x0DF4	U+0E54	THAI DIGIT FOUR	Thai
#x0DF5	U+0E55	THAI DIGIT FIVE	Thai
#x0DF6	U+0E56	THAI DIGIT SIX	Thai
#x0DF7	U+0E57	THAI DIGIT SEVEN	Thai
#x0DF8	U+0E58	THAI DIGIT EIGHT	Thai
#x0DF9	U+0E59	THAI DIGIT NINE	Thai
#x0EA1	–	HANGUL KIYEOG	Korean
#x0EA2	–	HANGUL SSANG KIYEOG	Korean
#x0EA3	–	HANGUL KIYEOG SIOS	Korean
#x0EA4	–	HANGUL NIEUN	Korean
#x0EA5	–	HANGUL NIEUN JIEUJ	Korean
#x0EA6	–	HANGUL NIEUN HIEUH	Korean
#x0EA7	–	HANGUL DIKEUD	Korean
#x0EA8	–	HANGUL SSANG DIKEUD	Korean
#x0EA9	–	HANGUL RIEUL	Korean
#x0EAA	–	HANGUL RIEUL KIYEOG	Korean
#x0EAB	–	HANGUL RIEUL MIEUM	Korean
#x0EAC	–	HANGUL RIEUL PIEUB	Korean
#x0EAD	–	HANGUL RIEUL SIOS	Korean
#x0EAE	–	HANGUL RIEUL TIEUT	Korean
#x0EAF	–	HANGUL RIEUL PHIEUF	Korean
#x0EB0	–	HANGUL RIEUL HIEUH	Korean

KEYSYM value	Unicode value	Name	Set
#x0EB1	-	HANGUL MIEUM	Korean
#x0EB2	-	HANGUL PIEUB	Korean
#x0EB3	-	HANGUL SSANG PIEUB	Korean
#x0EB4	-	HANGUL PIEUB SIOS	Korean
#x0EB5	-	HANGUL SIOS	Korean
#x0EB6	-	HANGUL SSANG SIOS	Korean
#x0EB7	-	HANGUL IEUNG	Korean
#x0EB8	-	HANGUL JIEUJ	Korean
#x0EB9	-	HANGUL SSANG JIEUJ	Korean
#x0EBA	-	HANGUL CIEUC	Korean
#x0EBB	-	HANGUL KHIEUQ	Korean
#x0EBC	-	HANGUL TIEUT	Korean
#x0EBD	-	HANGUL PHIEUF	Korean
#x0EBE	-	HANGUL HIEUH	Korean
#x0EBF	-	HANGUL A	Korean
#x0EC0	-	HANGUL AE	Korean
#x0EC1	-	HANGUL YA	Korean
#x0EC2	-	HANGUL YAE	Korean
#x0EC3	-	HANGUL EO	Korean
#x0EC4	-	HANGUL E	Korean
#x0EC5	-	HANGUL YEO	Korean
#x0EC6	-	HANGUL YE	Korean
#x0EC7	-	HANGUL O	Korean
#x0EC8	-	HANGUL WA	Korean
#x0EC9	-	HANGUL WAE	Korean
#x0ECA	-	HANGUL OE	Korean
#x0ECB	-	HANGUL YO	Korean
#x0ECC	-	HANGUL U	Korean
#x0ECD	-	HANGUL WEO	Korean
#x0ECE	-	HANGUL WE	Korean
#x0ECF	-	HANGUL WI	Korean
#x0ED0	-	HANGUL YU	Korean
#x0ED1	-	HANGUL EU	Korean
#x0ED2	-	HANGUL YI	Korean
#x0ED3	-	HANGUL I	Korean
#x0ED4	-	HANGUL JONG SEONG KIYEOG	Korean
#x0ED5	-	HANGUL JONG SEONG SSANG KIYEOG	Korean
#x0ED6	-	HANGUL JONG SEONG KIYEOG SIOS	Korean
#x0ED7	-	HANGUL JONG SEONG NIEUN	Korean
#x0ED8	-	HANGUL JONG SEONG NIEUN JIEUJ	Korean
#x0ED9	-	HANGUL JONG SEONG NIEUN HIEUH	Korean
#x0EDA	-	HANGUL JONG SEONG DIKEUD	Korean
#x0EDB	-	HANGUL JONG SEONG RIEUL	Korean
#x0EDC	-	HANGUL JONG SEONG RIEUL KIYEOG	Korean
#x0EDD	-	HANGUL JONG SEONG RIEUL MIEUM	Korean
#x0EDE	-	HANGUL JONG SEONG RIEUL PIEUB	Korean
#x0EDF	-	HANGUL JONG SEONG RIEUL SIOS	Korean
#x0EE0	-	HANGUL JONG SEONG RIEUL TIEUT	Korean
#x0EE1	-	HANGUL JONG SEONG RIEUL PHIEUF	Korean
#x0EE2	-	HANGUL JONG SEONG RIEUL HIEUH	Korean
#x0EE3	-	HANGUL JONG SEONG MIEUM	Korean
#x0EE4	-	HANGUL JONG SEONG PIEUB	Korean
#x0EE5	-	HANGUL JONG SEONG PIEUB SIOS	Korean
#x0EE6	-	HANGUL JONG SEONG SIOS	Korean
#x0EE7	-	HANGUL JONG SEONG SSANG SIOS	Korean
#x0EE8	-	HANGUL JONG SEONG IEUNG	Korean
#x0EE9	-	HANGUL JONG SEONG JIEUJ	Korean
#x0EEA	-	HANGUL JONG SEONG CIEUC	Korean
#x0EEB	-	HANGUL JONG SEONG KHIEUQ	Korean
#x0EEC	-	HANGUL JONG SEONG TIEUT	Korean

KEYSYM value	Unicode value	Name	Set
#x0EED	–	HANGUL JONG SEONG PHIEUF	Korean
#x0EEE	–	HANGUL JONG SEONG HIEUH	Korean
#x0EEF	–	HANGUL RIEUL YEORIN HIEUH	Korean
#x0EF0	–	HANGUL SUNKYEONGEUM MIEUM	Korean
#x0EF1	–	HANGUL SUNKYEONGEUM PIEUB	Korean
#x0EF2	–	HANGUL PAN SIOS	Korean
#x0EF3	–	HANGUL KKOGJI DALRIN IEUNG	Korean
#x0EF4	–	HANGUL SUNKYEONGEUM PHIEUF	Korean
#x0EF5	–	HANGUL YEORIN HIEUH	Korean
#x0EF6	–	HANGUL ARAE A	Korean
#x0EF7	–	HANGUL ARAE AE	Korean
#x0EF8	–	HANGUL JONG SEONG PAN SIOS	Korean
#x0EF9	–	HANGUL JONG SEONG KKOGJI DALRIN IEUNG	Korean
#x0EFA	–	HANGUL JONG SEONG YEORIN HIEUH	Korean
#x0EFF	–	KOREAN WON	Korean
#x13BC	U+0152	LATIN CAPITAL LIGATURE OE	Latin-9
#x13BD	U+0153	LATIN SMALL LIGATURE OE	Latin-9
#x13BE	U+0178	LATIN CAPITAL LETTER Y WITH DIAERESIS	Latin-9
#x20A0	–	CURRENCY ECU SIGN	Currency
#x20A1	–	CURRENCY COLON SIGN	Currency
#x20A2	–	CURRENCY CRUZEIRO SIGN	Currency
#x20A3	–	CURRENCY FRENCH FRANC SIGN	Currency
#x20A4	–	CURRENCY LIRA SIGN	Currency
#x20A5	–	CURRENCY MILL SIGN	Currency
#x20A6	–	CURRENCY NAIRA SIGN	Currency
#x20A7	–	CURRENCY PESETA SIGN	Currency
#x20A8	–	CURRENCY RUPEE SIGN	Currency
#x20A9	–	CURRENCY WON SIGN	Currency
#x20AA	–	CURRENCY NEW SHEQEL SIGN	Currency
#x20AB	–	CURRENCY DONG SIGN	Currency
#x20AC	U+20AC	CURRENCY EURO SIGN	Currency