

## 5.0 *Internal Mapping Tables*

These mapping tables provide canonical mappings between precomposed characters and component character sequences and mappings from Compatibility Zone encodings to preferred Unicode values.

### *Disclaimer*

The content of all mapping tables has been verified as far as possible by the Unicode Consortium. However, the Unicode Consortium does not guarantee that the tables are correct in every detail. The mapping tables are provided for informational purposes only. The Unicode Consortium is not responsible for errors that may occur either in the mapping tables or in software which implements those tables as they are printed in this volume.

## 5.1 Composite Character Mappings

The Unicode standard includes precomposed characters from existing standards. In the case of singly-accented characters, the precomposed form can be unambiguously decomposed into the sequence of baseform + non-spacing mark. Some letters, however, are multiply accented. In that case, the order of the non-spacing characters may be important. The following table of suggested decompositions for both of these cases identifies the precomposed form along with the base character and the non-spacing marks used to spell it, and their sequence.

This table can be used in two ways. It provides a standard spelling for those implementations that do not carry precomposed forms in their canonical representations of characters. It can also be used by implementers of rendering software to ensure that the composite sequence listed results in the intended visual output. Variations on the spellings in this table are not considered illegal, however, they may result in different visual output and software may interpret them differently. See Section 2.4, Alternate Spellings.

In the table, *Base* refers to the base character. *D1* and *D2* designate the first and second (if any) diacritic non-spacing mark. In some instances, a precomposed form can also be decomposed into another composite base character, designated *CB* in the table, plus a single diacritic non-spacing mark, also labeled *D1*.

## Unicode Decomposition Mapping—Precomposed Letters

UNIC	Base	D1	D2	CB	D1	Unicode character name
00C0	0041	0300				LATIN CAPITAL LETTER A GRAVE
00C1	0041	0301				LATIN CAPITAL LETTER A ACUTE
00C2	0041	0302				LATIN CAPITAL LETTER A CIRCUMFLEX
00C3	0041	0303				LATIN CAPITAL LETTER A TILDE
00C4	0041	0308				LATIN CAPITAL LETTER A DIAERESIS
00C5	0041	030A				LATIN CAPITAL LETTER A RING
00C7	0043	0327				LATIN CAPITAL LETTER C CEDILLA
00C8	0045	0300				LATIN CAPITAL LETTER E GRAVE
00C9	0045	0301				LATIN CAPITAL LETTER E ACUTE
00CA	0045	0302				LATIN CAPITAL LETTER E CIRCUMFLEX
00CB	0045	0308				LATIN CAPITAL LETTER E DIAERESIS
00CC	0049	0300				LATIN CAPITAL LETTER I GRAVE
00CD	0049	0301				LATIN CAPITAL LETTER I ACUTE
00CE	0049	0302				LATIN CAPITAL LETTER I CIRCUMFLEX
00CF	0049	0308				LATIN CAPITAL LETTER I DIAERESIS
00D1	004E	0303				LATIN CAPITAL LETTER N TILDE
00D2	004F	0300				LATIN CAPITAL LETTER O GRAVE
00D3	004F	0301				LATIN CAPITAL LETTER O ACUTE
00D4	004F	0302				LATIN CAPITAL LETTER O CIRCUMFLEX
00D5	004F	0303				LATIN CAPITAL LETTER O TILDE
00D6	004F	0308				LATIN CAPITAL LETTER O DIAERESIS
00D8	004F	0338				LATIN CAPITAL LETTER O SLASH
00D9	0055	0300				LATIN CAPITAL LETTER U GRAVE
00DA	0055	0301				LATIN CAPITAL LETTER U ACUTE
00DB	0055	0302				LATIN CAPITAL LETTER U CIRCUMFLEX
00DC	0055	0308				LATIN CAPITAL LETTER U DIAERESIS
00DD	0059	0301				LATIN CAPITAL LETTER Y ACUTE
00E0	0061	0300				LATIN SMALL LETTER A GRAVE
00E1	0061	0301				LATIN SMALL LETTER A ACUTE
00E2	0061	0302				LATIN SMALL LETTER A CIRCUMFLEX
00E3	0061	0303				LATIN SMALL LETTER A TILDE
00E4	0061	0308				LATIN SMALL LETTER A DIAERESIS
00E5	0061	030A				LATIN SMALL LETTER A RING
00E7	0063	0327				LATIN SMALL LETTER C CEDILLA
00E8	0065	0300				LATIN SMALL LETTER E GRAVE
00E9	0065	0301				LATIN SMALL LETTER E ACUTE
00EA	0065	0302				LATIN SMALL LETTER E CIRCUMFLEX
00EB	0065	0308				LATIN SMALL LETTER E DIAERESIS
00EC	0069	0300				LATIN SMALL LETTER I GRAVE
00ED	0069	0301				LATIN SMALL LETTER I ACUTE
00EE	0069	0302				LATIN SMALL LETTER I CIRCUMFLEX
00EF	0069	0308				LATIN SMALL LETTER I DIAERESIS
00F1	006E	0303				LATIN SMALL LETTER N TILDE
00F2	006F	0300				LATIN SMALL LETTER O GRAVE
00F3	006F	0301				LATIN SMALL LETTER O ACUTE
00F4	006F	0302				LATIN SMALL LETTER O CIRCUMFLEX
00F5	006F	0303				LATIN SMALL LETTER O TILDE
00F6	006F	0308				LATIN SMALL LETTER O DIAERESIS
00F8	006F	0338				LATIN SMALL LETTER O SLASH
00F9	0075	0300				LATIN SMALL LETTER U GRAVE
00FA	0075	0301				LATIN SMALL LETTER U ACUTE
00FB	0075	0302				LATIN SMALL LETTER U CIRCUMFLEX
00FC	0075	0308				LATIN SMALL LETTER U DIAERESIS

UNIC	Base	D1	D2	CB	D1	Unicode character name
00FD	0079	0301				LATIN SMALL LETTER Y ACUTE
00FF	0079	0308				LATIN SMALL LETTER Y DIAERESIS
0100	0041	0304				LATIN CAPITAL LETTER A MACRON
0101	0061	0304				LATIN SMALL LETTER A MACRON
0102	0041	0306				LATIN CAPITAL LETTER A BREVE
0103	0061	0306				LATIN SMALL LETTER A BREVE
0104	0041	0328				LATIN CAPITAL LETTER A OGONEK
0105	0061	0328				LATIN SMALL LETTER A OGONEK
0106	0043	0301				LATIN CAPITAL LETTER C ACUTE
0107	0063	0301				LATIN SMALL LETTER C ACUTE
0108	0043	0302				LATIN CAPITAL LETTER C CIRCUMFLEX
0109	0063	0302				LATIN SMALL LETTER C CIRCUMFLEX
010A	0043	0307				LATIN CAPITAL LETTER C DOT
010B	0063	0307				LATIN SMALL LETTER C DOT
010C	0043	030C				LATIN CAPITAL LETTER C HACEK
010D	0063	030C				LATIN SMALL LETTER C HACEK
010E	0044	030C				LATIN CAPITAL LETTER D HACEK
010F	0064	030C				LATIN SMALL LETTER D HACEK
0110	0044	0335				LATIN CAPITAL LETTER D BAR
0111	0064	0335				LATIN SMALL LETTER D BAR
0112	0045	0304				LATIN CAPITAL LETTER E MACRON
0113	0065	0304				LATIN SMALL LETTER E MACRON
0114	0045	0306				LATIN CAPITAL LETTER E BREVE
0115	0065	0306				LATIN SMALL LETTER E BREVE
0116	0045	0307				LATIN CAPITAL LETTER E DOT
0117	0065	0307				LATIN SMALL LETTER E DOT
0118	0045	0328				LATIN CAPITAL LETTER E OGONEK
0119	0065	0328				LATIN SMALL LETTER E OGONEK
011A	0045	030C				LATIN CAPITAL LETTER E HACEK
011B	0065	030C				LATIN SMALL LETTER E HACEK
011C	0047	0302				LATIN CAPITAL LETTER G CIRCUMFLEX
011D	0067	0302				LATIN SMALL LETTER G CIRCUMFLEX
011E	0047	0306				LATIN CAPITAL LETTER G BREVE
011F	0067	0306				LATIN SMALL LETTER G BREVE
0120	0047	0307				LATIN CAPITAL LETTER G DOT
0121	0067	0307				LATIN SMALL LETTER G DOT
0122	0047	0327				LATIN CAPITAL LETTER G CEDILLA
0123	0067	0327				LATIN SMALL LETTER G CEDILLA
0124	0048	0302				LATIN CAPITAL LETTER H CIRCUMFLEX
0125	0068	0302				LATIN SMALL LETTER H CIRCUMFLEX
0126	0048	0335				LATIN CAPITAL LETTER H BAR
0127	0068	0335				LATIN SMALL LETTER H BAR
0128	0049	0303				LATIN CAPITAL LETTER I TILDE
0129	0069	0303				LATIN SMALL LETTER I TILDE
012A	0049	0304				LATIN CAPITAL LETTER I MACRON
012B	0069	0304				LATIN SMALL LETTER I MACRON
012C	0049	0306				LATIN CAPITAL LETTER I BREVE
012D	0069	0306				LATIN SMALL LETTER I BREVE
012E	0049	0328				LATIN CAPITAL LETTER I OGONEK
012F	0069	0328				LATIN SMALL LETTER I OGONEK
0130	0049	0307				LATIN CAPITAL LETTER I DOT
0134	004A	0302				LATIN CAPITAL LETTER J CIRCUMFLEX
0135	006A	0302				LATIN SMALL LETTER J CIRCUMFLEX
0136	004B	0327				LATIN CAPITAL LETTER K CEDILLA
0137	006B	0327				LATIN SMALL LETTER K CEDILLA
0139	004C	0301				LATIN CAPITAL LETTER L ACUTE

UNIC	Base	D1	D2	CB	D1	Unicode character name
013A	006C	0301				LATIN SMALL LETTER L ACUTE
013B	004C	0327				LATIN CAPITAL LETTER L CEDILLA
013C	006C	0327				LATIN SMALL LETTER L CEDILLA
013D	004C	030C				LATIN CAPITAL LETTER L HACEK
013E	006C	030C				LATIN SMALL LETTER L HACEK
0141	004C	0337				LATIN CAPITAL LETTER L SLASH
0142	006C	0337				LATIN SMALL LETTER L SLASH
0143	004E	0301				LATIN CAPITAL LETTER N ACUTE
0144	006E	0301				LATIN SMALL LETTER N ACUTE
0145	004E	0327				LATIN CAPITAL LETTER N CEDILLA
0146	006E	0327				LATIN SMALL LETTER N CEDILLA
0147	004E	030C				LATIN CAPITAL LETTER N HACEK
0148	006E	030C				LATIN SMALL LETTER N HACEK
014C	004F	0304				LATIN CAPITAL LETTER O MACRON
014D	006F	0304				LATIN SMALL LETTER O MACRON
014E	004F	0306				LATIN CAPITAL LETTER O BREVE
014F	006F	0306				LATIN SMALL LETTER O BREVE
0150	004F	030B				LATIN CAPITAL LETTER O DOUBLE ACUTE
0151	006F	030B				LATIN SMALL LETTER O DOUBLE ACUTE
0154	0052	0301				LATIN CAPITAL LETTER R ACUTE
0155	0072	0301				LATIN SMALL LETTER R ACUTE
0156	0052	0327				LATIN CAPITAL LETTER R CEDILLA
0157	0072	0327				LATIN SMALL LETTER R CEDILLA
0158	0052	030C				LATIN CAPITAL LETTER R HACEK
0159	0072	030C				LATIN SMALL LETTER R HACEK
015A	0053	0301				LATIN CAPITAL LETTER S ACUTE
015B	0073	0301				LATIN SMALL LETTER S ACUTE
015C	0053	0302				LATIN CAPITAL LETTER S CIRCUMFLEX
015D	0073	0302				LATIN SMALL LETTER S CIRCUMFLEX
015E	0053	0327				LATIN CAPITAL LETTER S CEDILLA
015F	0073	0327				LATIN SMALL LETTER S CEDILLA
0160	0053	030C				LATIN CAPITAL LETTER S HACEK
0161	0073	030C				LATIN SMALL LETTER S HACEK
0162	0054	0327				LATIN CAPITAL LETTER T CEDILLA
0163	0074	0327				LATIN SMALL LETTER T CEDILLA
0164	0054	030C				LATIN CAPITAL LETTER T HACEK
0165	0074	030C				LATIN SMALL LETTER T HACEK
0166	0054	0335				LATIN CAPITAL LETTER T BAR
0167	0074	0335				LATIN SMALL LETTER T BAR
0168	0055	0303				LATIN CAPITAL LETTER U TILDE
0169	0075	0303				LATIN SMALL LETTER U TILDE
016A	0055	0304				LATIN CAPITAL LETTER U MACRON
016B	0075	0304				LATIN SMALL LETTER U MACRON
016C	0055	0306				LATIN CAPITAL LETTER U BREVE
016D	0075	0306				LATIN SMALL LETTER U BREVE
016E	0055	030A				LATIN CAPITAL LETTER U RING
016F	0075	030A				LATIN SMALL LETTER U RING
0170	0055	030B				LATIN CAPITAL LETTER U DOUBLE ACUTE
0171	0075	030B				LATIN SMALL LETTER U DOUBLE ACUTE
0172	0055	0328				LATIN CAPITAL LETTER U OGONEK
0173	0075	0328				LATIN SMALL LETTER U OGONEK
0174	0057	0302				LATIN CAPITAL LETTER W CIRCUMFLEX
0175	0077	0302				LATIN SMALL LETTER W CIRCUMFLEX
0176	0059	0302				LATIN CAPITAL LETTER Y CIRCUMFLEX
0177	0079	0302				LATIN SMALL LETTER Y CIRCUMFLEX
0178	0059	0308				LATIN CAPITAL LETTER Y DIAERESIS

UNIC	Base	D1	D2	CB	D1	Unicode character name
0179	005A	0301				LATIN CAPITAL LETTER Z ACUTE
017A	007A	0301				LATIN SMALL LETTER Z ACUTE
017B	005A	0307				LATIN CAPITAL LETTER Z DOT
017C	007A	0307				LATIN SMALL LETTER Z DOT
017D	005A	030C				LATIN CAPITAL LETTER Z HACEK
017E	007A	030C				LATIN SMALL LETTER Z HACEK
0180	0062	0335				LATIN SMALL LETTER B BAR
0197	0049	0335				LATIN CAPITAL LETTER BARRED I
019A	006C	0335				LATIN SMALL LETTER BARRED L
019B	03BB	0335				LATIN SMALL LETTER BARRED LAMBDA
019F	004F	0335				LATIN CAPITAL LETTER BARRED O
01A0	004F	031B				LATIN CAPITAL LETTER O HORN
01A1	006F	031B				LATIN SMALL LETTER O HORN
01AB	0074	0321				LATIN SMALL LETTER T PALATAL HOOK
01AE	0054	0322				LATIN CAPITAL LETTER T RETROFLEX HOOK
01AF	0055	031B				LATIN CAPITAL LETTER U HORN
01B0	0075	031B				LATIN SMALL LETTER U HORN
01CD	0041	030C				LATIN CAPITAL LETTER A HACEK
01CE	0061	030C				LATIN SMALL LETTER A HACEK
01CF	0049	030C				LATIN CAPITAL LETTER I HACEK
01D0	0069	030C				LATIN SMALL LETTER I HACEK
01D1	004F	030C				LATIN CAPITAL LETTER O HACEK
01D2	006F	030C				LATIN SMALL LETTER O HACEK
01D3	0055	030C				LATIN CAPITAL LETTER U HACEK
01D4	0075	030C				LATIN SMALL LETTER U HACEK
01D5	0055	0308	0304	00DC	0304	LATIN CAPITAL LETTER U DIAERESIS MACRON
01D6	0075	0308	0304	00FC	0304	LATIN SMALL LETTER U DIAERESIS MACRON
01D7	0055	0308	0301	00DC	0301	LATIN CAPITAL LETTER U DIAERESIS ACUTE
01D8	0075	0308	0301	00FC	0301	LATIN SMALL LETTER U DIAERESIS ACUTE
01D9	0055	0308	030C	00DC	030C	LATIN CAPITAL LETTER U DIAERESIS HACEK
01DA	0075	0308	030C	00FC	030C	LATIN SMALL LETTER U DIAERESIS HACEK
01DB	0055	0308	0300	00DC	0300	LATIN CAPITAL LETTER U DIAERESIS GRAVE
01DC	0075	0308	0300	00FC	0300	LATIN SMALL LETTER U DIAERESIS GRAVE
01DE	0041	0308	0304	00C4	0304	LATIN CAPITAL LETTER A DIAERESIS MACRON
01DF	0061	0308	0304	00E4	0304	LATIN SMALL LETTER A DIAERESIS MACRON
01E0	0041	0307	0304			LATIN CAPITAL LETTER A DOT MACRON
01E1	0061	0307	0304			LATIN SMALL LETTER A DOT MACRON
01E2	00C6	0304				LATIN CAPITAL LETTER A E MACRON
01E3	00E6	0304				LATIN SMALL LETTER A E MACRON
01E4	0047	0335				LATIN CAPITAL LETTER G BAR
01E5	0067	0335				LATIN SMALL LETTER G BAR
01E6	0047	030C				LATIN CAPITAL LETTER G HACEK
01E7	0067	030C				LATIN SMALL LETTER G HACEK
01E8	004B	030C				LATIN CAPITAL LETTER K HACEK
01E9	006B	030C				LATIN SMALL LETTER K HACEK
01EA	004F	0328				LATIN CAPITAL LETTER O OGONEK
01EB	006F	0328				LATIN SMALL LETTER O OGONEK
01EC	004F	0328	0304	01EA	0304	LATIN CAPITAL LETTER O OGONEK MACRON
01ED	006F	0328	0304	01EB	0304	LATIN SMALL LETTER O OGONEK MACRON
01EE	01B7	030C				LATIN CAPITAL LETTER YOGH HACEK
01EF	0292	030C				LATIN SMALL LETTER YOGH HACEK
01F0	006A	030C				LATIN SMALL LETTER J HACEK
0386	0391	0384				GREEK CAPITAL LETTER ALPHA TONOS
0388	0395	0384				GREEK CAPITAL LETTER EPSILON TONOS
0389	0397	0384				GREEK CAPITAL LETTER ETA TONOS
038A	0399	0384				GREEK CAPITAL LETTER IOTA TONOS

UNIC	Base	D1	D2	CB	D1	Unicode character name
038C	039F	0384				GREEK CAPITAL LETTER OMICRON TONOS
038E	03A5	0384				GREEK CAPITAL LETTER UPSILON TONOS
038F	03A9	0384				GREEK CAPITAL LETTER OMEGA TONOS
0390	03B9	0385				GREEK SMALL LETTER IOTA DIAERESIS TONOS
03AA	0399	0308				GREEK CAPITAL LETTER IOTA DIAERESIS
03AB	03A5	0308				GREEK CAPITAL LETTER UPSILON DIAERESIS
03AC	03B1	0384				GREEK SMALL LETTER ALPHA TONOS
03AD	03B5	0384				GREEK SMALL LETTER EPSILON TONOS
03AE	03B7	0384				GREEK SMALL LETTER ETA TONOS
03AF	03B9	0384				GREEK SMALL LETTER IOTA TONOS
03B0	03C5	0385				GREEK SMALL LETTER UPSILON DIAERESIS TONOS
03CA	03B9	0308				GREEK SMALL LETTER IOTA DIAERESIS
03CB	03C5	0308				GREEK SMALL LETTER UPSILON DIAERESIS
03CC	03BF	0384				GREEK SMALL LETTER OMICRON TONOS
03CD	03C5	0384				GREEK SMALL LETTER UPSILON TONOS
03CE	03C9	0384				GREEK SMALL LETTER OMEGA TONOS
03D3	03D2	0384				GREEK CAPITAL LETTER UPSILON HOOK TONOS
03D4	03D2	0308				GREEK CAPITAL LETTER UPSILON HOOK DIAERESIS
0401	0415	0308				CYRILLIC CAPITAL LETTER IO
0403	0413	0301				CYRILLIC CAPITAL LETTER GJE
0407	0406	0308				CYRILLIC CAPITAL LETTER YI
040C	041A	0301				CYRILLIC CAPITAL LETTER KJE
040E	0423	0306				CYRILLIC CAPITAL LETTER SHORT U
0419	0418	0306				CYRILLIC CAPITAL LETTER SHORT II
0439	0438	0306				CYRILLIC SMALL LETTER SHORT II
0451	0435	0308				CYRILLIC SMALL LETTER IO
0453	0433	0301				CYRILLIC SMALL LETTER GJE
0457	0456	0308				CYRILLIC SMALL LETTER YI
045C	043A	0301				CYRILLIC SMALL LETTER KJE
045E	0443	0306				CYRILLIC SMALL LETTER SHORT U
0476	0474	030F				CYRILLIC CAPITAL LETTER IZHITSA DOUBLE GRAVE
0477	0475	030F				CYRILLIC SMALL LETTER IZHITSA DOUBLE GRAVE
0492	0413	0335				CYRILLIC CAPITAL LETTER GE BAR
0493	0433	0335				CYRILLIC SMALL LETTER GE BAR
0498	0417	0327				CYRILLIC CAPITAL LETTER ZE CEDILLA
0499	0437	0327				CYRILLIC SMALL LETTER ZE CEDILLA
04AA	0421	0327				CYRILLIC CAPITAL LETTER ES CEDILLA
04AB	0441	0327				CYRILLIC SMALL LETTER ES CEDILLA
04B0	04AE	0335				CYRILLIC CAPITAL LETTER STRAIGHT U BAR
04B1	04AF	0335				CYRILLIC SMALL LETTER STRAIGHT U BAR
04BE	04BC	0328				CYRILLIC CAPITAL LETTER IE HOOK OGONEK
04BF	04BD	0328				CYRILLIC SMALL LETTER IE HOOK OGONEK
04C1	0416	0306				CYRILLIC CAPITAL LETTER SHORT ZHE
04C2	0436	0306				CYRILLIC SMALL LETTER SHORT ZHE
04C5	041A	0328				CYRILLIC CAPITAL LETTER KA OGONEK
04C6	043A	0328				CYRILLIC SMALL LETTER KA OGONEK
04C9	0425	0328				CYRILLIC CAPITAL LETTER KHA OGONEK
04CA	0445	0328				CYRILLIC SMALL LETTER KHA OGONEK
0958	0915	093C				DEVANAGARI LETTER QA
0959	0916	093C				DEVANAGARI LETTER KHHA
095A	0917	093C				DEVANAGARI LETTER GHHA
095B	091C	093C				DEVANAGARI LETTER ZA
095C	0921	093C				DEVANAGARI LETTER DDDHA
095D	0922	093C				DEVANAGARI LETTER RHA
095E	092B	093C				DEVANAGARI LETTER FA
095F	092F	093C				DEVANAGARI LETTER YYA

UNIC	Base	D1	D2	CB	D1	Unicode character name
09DC	09A1	09BC				BENGALI LETTER RRA
09DD	09A2	09BC				BENGALI LETTER RHA
09DF	09AF	09BC				BENGALI LETTER YYA
0A59	0A16	0A3C				GURMUKHI LETTER KHHA
0A5A	0A17	0A3C				GURMUKHI LETTER GHHA
0A5B	0A1C	0A3C				GURMUKHI LETTER ZA
0A5C	0A21	0A3C				GURMUKHI LETTER RRA
0A5E	0A2B	0A3C				GURMUKHI LETTER FA
0B5C	0B21	0B3C				ORIYA LETTER RRA
0B5D	0B22	0B3C				ORIYA LETTER RHA
0B5F	0B2F	0B3C				ORIYA LETTER YYA
1014	1004	104C				TIBETAN LETTER TSA
1015	1005	104C				TIBETAN LETTER TSHA
1016	1006	104C				TIBETAN LETTER DZA



## Unicode Decomposition Mapping—Ligatures & Digraphs

UNIC	Base	D1	D2	CB	D1	Unicode character name
00C6	0041	0045				LATIN CAPITAL LETTER A E
00E6	0061	0065				LATIN SMALL LETTER A E
0132	0049	004A				LATIN CAPITAL LETTER I J
0133	0069	006A				LATIN SMALL LETTER I J
013F	004C	00B7				LATIN CAPITAL LETTER L WITH MIDDLE DOT
0140	006C	00B7				LATIN SMALL LETTER L WITH MIDDLE DOT
0149	0027	006E				LATIN SMALL LETTER APOSTROPHE N
0152	004F	0045				LATIN CAPITAL LETTER O E
0153	006F	0065				LATIN SMALL LETTER O E
01C4	0044	005A	030C	0044	017D	LATIN CAPITAL LETTER D Z HACEK
01C5	0044	007A	030C	0044	017E	LATIN LETTER CAPITAL D SMALL Z HACEK
01C6	0064	007A	030C	0064	017E	LATIN SMALL LETTER D Z HACEK
01C7	004C	004A				LATIN CAPITAL LETTER L J
01C8	004C	006A				LATIN LETTER CAPITAL L SMALL J
01C9	006C	006A				LATIN SMALL LETTER L J
01CA	004E	004A				LATIN CAPITAL LETTER N J
01CB	004E	006A				LATIN LETTER CAPITAL N SMALL J
01CC	006E	006A				LATIN SMALL LETTER N J
02A3	0064	007A				LATIN SMALL LETTER D Z
02A4	0064	0292				LATIN SMALL LETTER D YOGH
02A5	0064	0291				LATIN SMALL LETTER D Z CURL
02A6	0074	0073				LATIN SMALL LETTER T S
02A7	0074	0283				LATIN SMALL LETTER T ESH
02A8	0074	0255				LATIN SMALL LETTER T C CURL
0409	041B	042C				CYRILLIC CAPITAL LETTER LJE
040A	041D	042C				CYRILLIC CAPITAL LETTER NJE
0459	043B	044C				CYRILLIC SMALL LETTER LJE
045A	043D	044C				CYRILLIC SMALL LETTER NJE
0EDC	0EAB	0E99				LAO HO NO
0EDD	0EAB	0EA1				LAO HO MO
203C	0021	0021				DOUBLE EXCLAMATION MARK
203D	003F	0021				INTERROBANG

## 5.2 Compatibility Mappings

Another form of multiple spellings is introduced in the Unicode standard by the Compatibility Zone. The Compatibility Zone contains duplicates of existing characters, but with additional attributes, such as directional (“vertical”), size (“small”), positional (“initial”) and width (“half width”). This makes possible one-to-one conversion between the Unicode standard and widely-used standards which encode these properties in the character stream by duplicating characters. All characters in the compatibility zone can be replaced by regular Unicode characters, if perfect round-trip conversion is not a requirement, or where the software keeps track of these attributes outside of the character data stream itself.

### Unicode Compatibility Zone Mapping

Unicode	Compatibility zone Unicode character name	Unicode	Maps to Unicode character name
FE30	GLYPH FOR VERTICAL TWO DOT LEADER	2025	TWO DOT LEADER
FE31	GLYPH FOR VERTICAL EM DASH	2014	EM DASH
FE32	GLYPH FOR VERTICAL EN DASH	2013	EN DASH
FE33	GLYPH FOR VERTICAL SPACING UNDERSCORE	005F	SPACING UNDERSCORE
FE34	GLYPH FOR VERTICAL SPACING WAVY UNDERSCORE	005F	SPACING UNDERSCORE
FE35	GLYPH FOR VERTICAL OPENING PARENTHESIS	0028	OPENING PARENTHESIS
FE36	GLYPH FOR VERTICAL CLOSING PARENTHESIS	0029	CLOSING PARENTHESIS
FE37	GLYPH FOR VERTICAL OPENING CURLY BRACKET	007B	OPENING CURLY BRACKET
FE38	GLYPH FOR VERTICAL CLOSING CURLY BRACKET	007D	CLOSING CURLY BRACKET
FE39	GLYPH FOR VERTICAL OPENING TORTOISE SHELL BRACKET	3014	OPENING TORTOISE SHELL BRACKET
FE3A	GLYPH FOR VERTICAL CLOSING TORTOISE SHELL BRACKET	3015	CLOSING TORTOISE SHELL BRACKET
FE3B	GLYPH FOR VERTICAL OPENING BLACK LENTICULAR BRACKET	3010	OPENING BLACK LENTICULAR BRACKET
FE3C	GLYPH FOR VERTICAL CLOSING BLACK LENTICULAR BRACKET	3011	CLOSING BLACK LENTICULAR BRACKET
FE3D	GLYPH FOR VERTICAL OPENING DOUBLE ANGLE BRACKET	300A	OPENING DOUBLE ANGLE BRACKET
FE3E	GLYPH FOR VERTICAL CLOSING DOUBLE ANGLE BRACKET	300B	CLOSING DOUBLE ANGLE BRACKET
FE3F	GLYPH FOR VERTICAL OPENING ANGLE BRACKET	3008	OPENING ANGLE BRACKET
FE40	GLYPH FOR VERTICAL CLOSING ANGLE BRACKET	3009	CLOSING ANGLE BRACKET
FE41	GLYPH FOR VERTICAL OPENING CORNER BRACKET	300C	OPENING CORNER BRACKET
FE42	GLYPH FOR VERTICAL CLOSING CORNER BRACKET	300D	CLOSING CORNER BRACKET
FE43	GLYPH FOR VERTICAL OPENING WHITE CORNER BRACKET	300E	OPENING WHITE CORNER BRACKET
FE44	GLYPH FOR VERTICAL CLOSING WHITE CORNER BRACKET	300F	CLOSING WHITE CORNER BRACKET
FE49	SPACING DASHED OVERSCORE	203E	SPACING OVERSCORE
FE4A	SPACING CENTERLINE OVERSCORE	203E	SPACING OVERSCORE
FE4B	SPACING WAVY OVERSCORE	203E	SPACING OVERSCORE
FE4C	SPACING DOUBLE WAVY OVERSCORE	203E	SPACING OVERSCORE
FE4D	SPACING DASHED UNDERSCORE	005F	SPACING UNDERSCORE
FE4E	SPACING CENTERLINE UNDERSCORE	005F	SPACING UNDERSCORE
FE4F	SPACING WAVY UNDERSCORE	005F	SPACING UNDERSCORE
FE50	SMALL COMMA	002C	COMMA
FE51	SMALL IDEOGRAPHIC COMMA	3001	IDEOGRAPHIC COMMA
FE52	SMALL PERIOD	002E	PERIOD
FE54	SMALL SEMICOLON	003B	SEMICOLON
FE55	SMALL COLON	003A	COLON
FE56	SMALL QUESTION MARK	003F	QUESTION MARK
FE57	SMALL EXCLAMATION MARK	0021	EXCLAMATION MARK
FE58	SMALL EM DASH	2014	EM DASH
FE59	SMALL OPENING PARENTHESIS	0028	OPENING PARENTHESIS

UNIC	Compatibility zone Unicode character name	UNIC	Maps to Unicode character name
FE5A	SMALL CLOSING PARENTHESIS	0029	CLOSING PARENTHESIS
FE5B	SMALL OPENING CURLY BRACKET	007B	OPENING CURLY BRACKET
FE5C	SMALL CLOSING CURLY BRACKET	007D	CLOSING CURLY BRACKET
FE5D	SMALL OPENING TORTOISE SHELL BRACKET	3014	OPENING TORTOISE SHELL BRACKET
FE5E	SMALL CLOSING TORTOISE SHELL BRACKET	3015	CLOSING TORTOISE SHELL BRACKET
FE5F	SMALL NUMBER SIGN	0023	NUMBER SIGN
FE60	SMALL AMPERSAND	0026	AMPERSAND
FE61	SMALL ASTERISK	002A	ASTERISK
FE62	SMALL PLUS SIGN	002B	PLUS SIGN
FE63	SMALL HYPHEN-MINUS	002D	HYPHEN-MINUS
FE64	SMALL LESS-THAN SIGN	003C	LESS-THAN SIGN
FE65	SMALL GREATER-THAN SIGN	003E	GREATER-THAN SIGN
FE66	SMALL EQUALS SIGN	003D	EQUALS SIGN
FE68	SMALL BACKSLASH	005C	BACKSLASH
FE69	SMALL DOLLAR SIGN	0024	DOLLAR SIGN
FE6A	SMALL PERCENT SIGN	0025	PERCENT SIGN
FE6B	SMALL COMMERCIAL AT	0040	COMMERCIAL AT
FE70	ARABIC SPACING FATHATAN	064B	ARABIC FATHATAN
FE71	ARABIC FATHATAN ON TATWEEL	064B	ARABIC FATHATAN
FE72	ARABIC SPACING DAMMATAN	064C	ARABIC DAMMATAN
FE74	ARABIC SPACING KASRATAN	064D	ARABIC KASRATAN
FE76	ARABIC SPACING FATHAH	064E	ARABIC FATHAH
FE77	ARABIC FATHAH ON TATWEEL	064E	ARABIC FATHAH
FE78	ARABIC SPACING DAMMAH	064F	ARABIC DAMMAH
FE79	ARABIC DAMMAH ON TATWEEL	064F	ARABIC DAMMAH
FE7A	ARABIC SPACING KASRAH	0650	ARABIC KASRAH
FE7B	ARABIC KASRAH ON TATWEEL	0650	ARABIC KASRAH
FE7C	ARABIC SPACING SHADDAH	0651	ARABIC SHADDAH
FE7D	ARABIC SHADDAH ON TATWEEL	0651	ARABIC SHADDAH
FE7E	ARABIC SPACING SUKUN	0652	ARABIC SUKUN
FE7F	ARABIC SUKUN ON TATWEEL	0652	ARABIC SUKUN
FE80	GLYPH FOR ISOLATE ARABIC HAMZAH	0621	ARABIC LETTER HAMZAH
FE81	GLYPH FOR ISOLATE ARABIC MADDAH ON ALEF	0622	ARABIC LETTER MADDAH ON ALEF
FE82	GLYPH FOR FINAL ARABIC MADDAH ON ALEF	0622	ARABIC LETTER MADDAH ON ALEF
FE83	GLYPH FOR ISOLATE ARABIC HAMZAH ON ALEF	0623	ARABIC LETTER HAMZAH ON ALEF
FE84	GLYPH FOR FINAL ARABIC HAMZAH ON ALEF	0623	ARABIC LETTER HAMZAH ON ALEF
FE85	GLYPH FOR ISOLATE ARABIC HAMZAH ON WAW	0624	ARABIC LETTER HAMZAH ON WAW
FE86	GLYPH FOR FINAL ARABIC HAMZAH ON WAW	0624	ARABIC LETTER HAMZAH ON WAW
FE87	GLYPH FOR ISOLATE ARABIC HAMZAH UNDER ALEF	0625	ARABIC LETTER HAMZAH UNDER ALEF

UNICODE	Compatibility zone	Unicode character name	UNIC	Unicode character name
FE88	GLYPH FOR FINAL ARABIC HAMZAH UNDER ALEF	GLYPH FOR FINAL ARABIC HAMZAH UNDER ALEF	0625	ARABIC LETTER HAMZAH UNDER ALEF
FE89	GLYPH FOR ISOLATE ARABIC HAMZAH ON YA	GLYPH FOR ISOLATE ARABIC HAMZAH ON YA	0626	ARABIC LETTER HAMZAH ON YA
FE8A	GLYPH FOR INITIAL ARABIC HAMZAH ON YA	GLYPH FOR INITIAL ARABIC HAMZAH ON YA	0626	ARABIC LETTER HAMZAH ON YA
FE8B	GLYPH FOR MEDIAL ARABIC HAMZAH ON YA	GLYPH FOR MEDIAL ARABIC HAMZAH ON YA	0626	ARABIC LETTER HAMZAH ON YA
FE8C	GLYPH FOR FINAL ARABIC HAMZAH ON YA	GLYPH FOR FINAL ARABIC HAMZAH ON YA	0626	ARABIC LETTER HAMZAH ON YA
FE8D	GLYPH FOR ISOLATE ARABIC ALEF	GLYPH FOR ISOLATE ARABIC ALEF	0627	ARABIC LETTER ALEF
FE8E	GLYPH FOR FINAL ARABIC ALEF	GLYPH FOR FINAL ARABIC ALEF	0627	ARABIC LETTER ALEF
FE8F	GLYPH FOR ISOLATE ARABIC BAA	GLYPH FOR ISOLATE ARABIC BAA	0628	ARABIC LETTER BAA
FE90	GLYPH FOR INITIAL ARABIC BAA	GLYPH FOR INITIAL ARABIC BAA	0628	ARABIC LETTER BAA
FE91	GLYPH FOR MEDIAL ARABIC BAA	GLYPH FOR MEDIAL ARABIC BAA	0628	ARABIC LETTER BAA
FE92	GLYPH FOR FINAL ARABIC BAA	GLYPH FOR FINAL ARABIC BAA	0628	ARABIC LETTER BAA
FE93	GLYPH FOR ISOLATE ARABIC TAA MARBUTAH	GLYPH FOR ISOLATE ARABIC TAA MARBUTAH	0629	ARABIC LETTER TAA MARBUTAH
FE94	GLYPH FOR FINAL ARABIC TAA MARBUTAH	GLYPH FOR FINAL ARABIC TAA MARBUTAH	0629	ARABIC LETTER TAA MARBUTAH
FE95	GLYPH FOR ISOLATE ARABIC TAA	GLYPH FOR ISOLATE ARABIC TAA	062A	ARABIC LETTER TAA
FE96	GLYPH FOR INITIAL ARABIC TAA	GLYPH FOR INITIAL ARABIC TAA	062A	ARABIC LETTER TAA
FE97	GLYPH FOR MEDIAL ARABIC TAA	GLYPH FOR MEDIAL ARABIC TAA	062A	ARABIC LETTER TAA
FE98	GLYPH FOR FINAL ARABIC TAA	GLYPH FOR FINAL ARABIC TAA	062A	ARABIC LETTER TAA
FE99	GLYPH FOR ISOLATE ARABIC THAA	GLYPH FOR ISOLATE ARABIC THAA	062B	ARABIC LETTER THAA
FE9A	GLYPH FOR INITIAL ARABIC THAA	GLYPH FOR INITIAL ARABIC THAA	062B	ARABIC LETTER THAA
FE9B	GLYPH FOR MEDIAL ARABIC THAA	GLYPH FOR MEDIAL ARABIC THAA	062B	ARABIC LETTER THAA
FE9C	GLYPH FOR FINAL ARABIC THAA	GLYPH FOR FINAL ARABIC THAA	062B	ARABIC LETTER THAA
FE9D	GLYPH FOR ISOLATE ARABIC JEEM	GLYPH FOR ISOLATE ARABIC JEEM	062C	ARABIC LETTER JEEM
FE9E	GLYPH FOR INITIAL ARABIC JEEM	GLYPH FOR INITIAL ARABIC JEEM	062C	ARABIC LETTER JEEM
FE9F	GLYPH FOR MEDIAL ARABIC JEEM	GLYPH FOR MEDIAL ARABIC JEEM	062C	ARABIC LETTER JEEM
FEA0	GLYPH FOR FINAL ARABIC JEEM	GLYPH FOR FINAL ARABIC JEEM	062C	ARABIC LETTER JEEM
FEA1	GLYPH FOR ISOLATE ARABIC HAA	GLYPH FOR ISOLATE ARABIC HAA	062D	ARABIC LETTER HAA
FEA2	GLYPH FOR INITIAL ARABIC HAA	GLYPH FOR INITIAL ARABIC HAA	062D	ARABIC LETTER HAA
FEA3	GLYPH FOR MEDIAL ARABIC HAA	GLYPH FOR MEDIAL ARABIC HAA	062D	ARABIC LETTER HAA
FEA4	GLYPH FOR FINAL ARABIC HAA	GLYPH FOR FINAL ARABIC HAA	062D	ARABIC LETTER HAA
FEA5	GLYPH FOR ISOLATE ARABIC KHA	GLYPH FOR ISOLATE ARABIC KHA	062E	ARABIC LETTER KHA
FEA6	GLYPH FOR INITIAL ARABIC KHA	GLYPH FOR INITIAL ARABIC KHA	062E	ARABIC LETTER KHA
FEA7	GLYPH FOR MEDIAL ARABIC KHA	GLYPH FOR MEDIAL ARABIC KHA	062E	ARABIC LETTER KHA
FEA8	GLYPH FOR FINAL ARABIC KHA	GLYPH FOR FINAL ARABIC KHA	062E	ARABIC LETTER KHA
FEA9	GLYPH FOR ISOLATE ARABIC DAL	GLYPH FOR ISOLATE ARABIC DAL	062F	ARABIC LETTER DAL
FEAA	GLYPH FOR FINAL ARABIC DAL	GLYPH FOR FINAL ARABIC DAL	062F	ARABIC LETTER DAL
FEAB	GLYPH FOR ISOLATE ARABIC THAL	GLYPH FOR ISOLATE ARABIC THAL	0630	ARABIC LETTER THAL
FEAC	GLYPH FOR FINAL ARABIC THAL	GLYPH FOR FINAL ARABIC THAL	0630	ARABIC LETTER THAL
FEAD	GLYPH FOR ISOLATE ARABIC RA	GLYPH FOR ISOLATE ARABIC RA	0631	ARABIC LETTER RA
FEAE	GLYPH FOR FINAL ARABIC RA	GLYPH FOR FINAL ARABIC RA	0631	ARABIC LETTER RA

UNIC	Compatibility zone Unicode character name	UNIC	Maps to Unicode character name
FEAF	GLYPH FOR ISOLATE ARABIC ZAIN	0632	ARABIC LETTER ZAIN
FEB0	GLYPH FOR FINAL ARABIC ZAIN	0632	ARABIC LETTER ZAIN
FEB1	GLYPH FOR ISOLATE ARABIC SEEN	0633	ARABIC LETTER SEEN
FEB2	GLYPH FOR INITIAL ARABIC SEEN	0633	ARABIC LETTER SEEN
FEB3	GLYPH FOR MEDIAL ARABIC SEEN	0633	ARABIC LETTER SEEN
FEB4	GLYPH FOR FINAL ARABIC SEEN	0633	ARABIC LETTER SEEN
FEB5	GLYPH FOR ISOLATE ARABIC SHEEN	0634	ARABIC LETTER SHEEN
FEB6	GLYPH FOR INITIAL ARABIC SHEEN	0634	ARABIC LETTER SHEEN
FEB7	GLYPH FOR MEDIAL ARABIC SHEEN	0634	ARABIC LETTER SHEEN
FEB8	GLYPH FOR FINAL ARABIC SHEEN	0634	ARABIC LETTER SHEEN
FEB9	GLYPH FOR ISOLATE ARABIC SAD	0635	ARABIC LETTER SAD
FEBA	GLYPH FOR INITIAL ARABIC SAD	0635	ARABIC LETTER SAD
FEBB	GLYPH FOR MEDIAL ARABIC SAD	0635	ARABIC LETTER SAD
FEBC	GLYPH FOR FINAL ARABIC SAD	0635	ARABIC LETTER SAD
FEBD	GLYPH FOR ISOLATE ARABIC DAD	0636	ARABIC LETTER DAD
FEBE	GLYPH FOR INITIAL ARABIC DAD	0636	ARABIC LETTER DAD
FEBF	GLYPH FOR MEDIAL ARABIC DAD	0636	ARABIC LETTER DAD
FEC0	GLYPH FOR FINAL ARABIC DAD	0636	ARABIC LETTER DAD
FEC1	GLYPH FOR ISOLATE ARABIC TAH	0637	ARABIC LETTER TAH
FEC2	GLYPH FOR INITIAL ARABIC TAH	0637	ARABIC LETTER TAH
FEC3	GLYPH FOR MEDIAL ARABIC TAH	0637	ARABIC LETTER TAH
FEC4	GLYPH FOR FINAL ARABIC TAH	0637	ARABIC LETTER TAH
FEC5	GLYPH FOR ISOLATE ARABIC DHAH	0638	ARABIC LETTER DHAH
FEC6	GLYPH FOR INITIAL ARABIC DHAH	0638	ARABIC LETTER DHAH
FEC7	GLYPH FOR MEDIAL ARABIC DHAH	0638	ARABIC LETTER DHAH
FEC8	GLYPH FOR FINAL ARABIC DHAH	0638	ARABIC LETTER DHAH
FEC9	GLYPH FOR ISOLATE ARABIC AIN	0639	ARABIC LETTER AIN
FECA	GLYPH FOR INITIAL ARABIC AIN	0639	ARABIC LETTER AIN
FECB	GLYPH FOR MEDIAL ARABIC AIN	0639	ARABIC LETTER AIN
FEC	GLYPH FOR FINAL ARABIC AIN	0639	ARABIC LETTER AIN
FECD	GLYPH FOR ISOLATE ARABIC GHAIN	063A	ARABIC LETTER GHAIN
FECE	GLYPH FOR INITIAL ARABIC GHAIN	063A	ARABIC LETTER GHAIN
FECF	GLYPH FOR MEDIAL ARABIC GHAIN	063A	ARABIC LETTER GHAIN
FED0	GLYPH FOR FINAL ARABIC GHAIN	063A	ARABIC LETTER GHAIN
FED1	GLYPH FOR ISOLATE ARABIC FA	0641	ARABIC LETTER FA
FED2	GLYPH FOR INITIAL ARABIC FA	0641	ARABIC LETTER FA
FED3	GLYPH FOR MEDIAL ARABIC FA	0641	ARABIC LETTER FA
FED4	GLYPH FOR FINAL ARABIC FA	0641	ARABIC LETTER FA
FED5	GLYPH FOR ISOLATE ARABIC QAF	0642	ARABIC LETTER QAF

Unicode	Compatibility zone Unicode character name	Unicode	Maps to Unicode character name
FEF6	GLYPH FOR FINAL ARABIC MADDAH ON LIGATURE LAM ALEF (ligature)	0644	ARABIC LETTER MADDAH ON ALEF
FEF7	GLYPH FOR ISOLATE ARABIC MADDAH ON LIGATURE LAM ALEF (ligature)	0644	ARABIC LETTER MADDAH ON ALEF
FEF8	GLYPH FOR FINAL ARABIC MADDAH ON LIGATURE LAM ALEF (ligature)	0644	ARABIC LETTER MADDAH ON ALEF
FED6	GLYPH FOR INITIAL ARABIC QAF	0642	ARABIC LETTER QAF
FED7	GLYPH FOR MEDIAL ARABIC QAF	0642	ARABIC LETTER QAF
FED8	GLYPH FOR FINAL ARABIC QAF	0642	ARABIC LETTER QAF
FED9	GLYPH FOR ISOLATE ARABIC QAF	0643	ARABIC LETTER QAF
FEDA	GLYPH FOR INITIAL ARABIC CAF	0643	ARABIC LETTER CAF
FEDB	GLYPH FOR MEDIAL ARABIC CAF	0643	ARABIC LETTER CAF
FEDC	GLYPH FOR FINAL ARABIC CAF	0643	ARABIC LETTER CAF
FEDD	GLYPH FOR ISOLATE ARABIC LAM	0644	ARABIC LETTER LAM
FEDE	GLYPH FOR INITIAL ARABIC LAM	0644	ARABIC LETTER LAM
FEDF	GLYPH FOR MEDIAL ARABIC LAM	0644	ARABIC LETTER LAM
FE00	GLYPH FOR FINAL ARABIC LAM	0644	ARABIC LETTER LAM
FE01	GLYPH FOR ISOLATE ARABIC MEEM	0645	ARABIC LETTER MEEM
FE02	GLYPH FOR INITIAL ARABIC MEEM	0645	ARABIC LETTER MEEM
FE03	GLYPH FOR MEDIAL ARABIC MEEM	0645	ARABIC LETTER MEEM
FE04	GLYPH FOR FINAL ARABIC MEEM	0645	ARABIC LETTER MEEM
FE05	GLYPH FOR ISOLATE ARABIC NOON	0646	ARABIC LETTER NOON
FE06	GLYPH FOR INITIAL ARABIC NOON	0646	ARABIC LETTER NOON
FE07	GLYPH FOR MEDIAL ARABIC NOON	0646	ARABIC LETTER NOON
FE08	GLYPH FOR FINAL ARABIC NOON	0646	ARABIC LETTER NOON
FE09	GLYPH FOR ISOLATE ARABIC HA	0647	ARABIC LETTER HA
FE0A	GLYPH FOR INITIAL ARABIC HA	0647	ARABIC LETTER HA
FE0B	GLYPH FOR MEDIAL ARABIC HA	0647	ARABIC LETTER HA
FE0C	GLYPH FOR FINAL ARABIC HA	0647	ARABIC LETTER HA
FE0D	GLYPH FOR ISOLATE ARABIC WAW	0648	ARABIC LETTER WAW
FE0E	GLYPH FOR INITIAL ARABIC WAW	0648	ARABIC LETTER WAW
FE0F	GLYPH FOR MEDIAL ARABIC WAW	0648	ARABIC LETTER WAW
FE10	GLYPH FOR FINAL ARABIC WAW	0648	ARABIC LETTER WAW
FEF0	GLYPH FOR ISOLATE ARABIC ALEF MAQSURA	0649	ARABIC LETTER ALEF MAQSURA
FEF1	GLYPH FOR FINAL ARABIC ALEF MAQSURA	0649	ARABIC LETTER ALEF MAQSURA
FEF2	GLYPH FOR INITIAL ARABIC YA	064A	ARABIC LETTER YA
FEF3	GLYPH FOR MEDIAL ARABIC YA	064A	ARABIC LETTER YA
FEF4	GLYPH FOR FINAL ARABIC YA	064A	ARABIC LETTER YA
FEF5	GLYPH FOR ISOLATE ARABIC MADDAH ON LIGATURE LAM ALEF (ligature)	0644	ARABIC LETTER MADDAH ON ALEF
FEF6	GLYPH FOR FINAL ARABIC MADDAH ON LIGATURE LAM ALEF (ligature)	0644	ARABIC LETTER MADDAH ON ALEF
FEF7	GLYPH FOR ISOLATE ARABIC HAMZAH ON LIGATURE LAM ALEF (ligature)	0644	ARABIC LETTER MADDAH ON ALEF
FEF8	GLYPH FOR FINAL ARABIC HAMZAH ON LIGATURE LAM ALEF (ligature)	0644	ARABIC LETTER MADDAH ON ALEF

UNIC	Compatibility zone Unicode character name	UNIC	Maps to Unicode character name
FEF9	GLYPH FOR ISOLATE ARABIC HAMZAH UNDER LIGATURE LAM ALEF (ligature)	0644	ARABIC LETTER LAM
FEFA	GLYPH FOR FINAL ARABIC HAMZAH UNDER LIGATURE LAM ALEF (ligature)	0625	ARABIC LETTER HAMZAH UNDER ALEF
FEFB	GLYPH FOR ISOLATE ARABIC LIGATURE LAM ALEF (ligature)	0644	ARABIC LETTER LAM
FEFC	GLYPH FOR FINAL ARABIC LIGATURE LAM ALEF (ligature)	0627	ARABIC LETTER ALEF
FF01	FULLWIDTH EXCLAMATION MARK	0644	ARABIC LETTER LAM
FF02	FULLWIDTH QUOTATION MARK	0625	ARABIC LETTER HAMZAH UNDER ALEF
FF03	FULLWIDTH NUMBER SIGN	0644	ARABIC LETTER LAM
FF04	FULLWIDTH DOLLAR SIGN	0625	ARABIC LETTER HAMZAH UNDER ALEF
FF05	FULLWIDTH PERCENT SIGN	0644	ARABIC LETTER LAM
FF06	FULLWIDTH AMPERSAND	0627	ARABIC LETTER ALEF
FF07	FULLWIDTH APOSTROPHE	0644	ARABIC LETTER LAM
FF08	FULLWIDTH OPENING PARENTHESIS	0021	EXCLAMATION MARK
FF09	FULLWIDTH CLOSING PARENTHESIS	0022	QUOTATION MARK
FF0A	FULLWIDTH ASTERISK	0023	NUMBER SIGN
FF0B	FULLWIDTH PLUS SIGN	0024	DOLLAR SIGN
FF0C	FULLWIDTH COMMA	0025	PERCENT SIGN
FF0D	FULLWIDTH HYPHEN-MINUS	0026	AMPERSAND
FF0E	FULLWIDTH PERIOD	0027	APOSTROPHE-QUOTE
FF0F	FULLWIDTH SLASH	0028	OPENING PARENTHESIS
FF10	FULLWIDTH DIGIT ZERO	0029	CLOSING PARENTHESIS
FF11	FULLWIDTH DIGIT ONE	002A	ASTERISK
FF12	FULLWIDTH DIGIT TWO	002B	PLUS SIGN
FF13	FULLWIDTH DIGIT THREE	002C	COMMA
FF14	FULLWIDTH DIGIT FOUR	002D	HYPHEN-MINUS
FF15	FULLWIDTH DIGIT FIVE	002E	PERIOD
FF16	FULLWIDTH DIGIT SIX	002F	SLASH
FF17	FULLWIDTH DIGIT SEVEN	0030	DIGIT ZERO
FF18	FULLWIDTH DIGIT EIGHT	0031	DIGIT ONE
FF19	FULLWIDTH DIGIT NINE	0032	DIGIT TWO
FF1A	FULLWIDTH COLON	0033	DIGIT THREE
FF1B	FULLWIDTH SEMICOLON	0034	DIGIT FOUR
FF1C	FULLWIDTH LESS-THAN SIGN	0035	DIGIT FIVE
FF1D	FULLWIDTH EQUALS SIGN	0036	DIGIT SIX
FF1E	FULLWIDTH GREATER-THAN SIGN	0037	DIGIT SEVEN
FF1F	FULLWIDTH QUESTION MARK	0038	DIGIT EIGHT
		0039	DIGIT NINE
		003A	COLON
		003B	SEMICOLON
		003C	LESS-THAN SIGN
		003D	EQUALS SIGN
		003E	GREATER-THAN SIGN
		003F	QUESTION MARK



UNIC	Compatibility zone Unicode character name	UNIC	Maps to Unicode character name
FF20	FULLWIDTH COMMERCIAL AT	0040	COMMERCIAL AT
FF21	FULLWIDTH LATIN CAPITAL LETTER A	0041	LATIN CAPITAL LETTER A
FF22	FULLWIDTH LATIN CAPITAL LETTER B	0042	LATIN CAPITAL LETTER B
FF23	FULLWIDTH LATIN CAPITAL LETTER C	0043	LATIN CAPITAL LETTER C
FF24	FULLWIDTH LATIN CAPITAL LETTER D	0044	LATIN CAPITAL LETTER D
FF25	FULLWIDTH LATIN CAPITAL LETTER E	0045	LATIN CAPITAL LETTER E
FF26	FULLWIDTH LATIN CAPITAL LETTER F	0046	LATIN CAPITAL LETTER F
FF27	FULLWIDTH LATIN CAPITAL LETTER G	0047	LATIN CAPITAL LETTER G
FF28	FULLWIDTH LATIN CAPITAL LETTER H	0048	LATIN CAPITAL LETTER H
FF29	FULLWIDTH LATIN CAPITAL LETTER I	0049	LATIN CAPITAL LETTER I
FF2A	FULLWIDTH LATIN CAPITAL LETTER J	004A	LATIN CAPITAL LETTER J
FF2B	FULLWIDTH LATIN CAPITAL LETTER K	004B	LATIN CAPITAL LETTER K
FF2C	FULLWIDTH LATIN CAPITAL LETTER L	004C	LATIN CAPITAL LETTER L
FF2D	FULLWIDTH LATIN CAPITAL LETTER M	004D	LATIN CAPITAL LETTER M
FF2E	FULLWIDTH LATIN CAPITAL LETTER N	004E	LATIN CAPITAL LETTER N
FF2F	FULLWIDTH LATIN CAPITAL LETTER O	004F	LATIN CAPITAL LETTER O
FF30	FULLWIDTH LATIN CAPITAL LETTER P	0050	LATIN CAPITAL LETTER P
FF31	FULLWIDTH LATIN CAPITAL LETTER Q	0051	LATIN CAPITAL LETTER Q
FF32	FULLWIDTH LATIN CAPITAL LETTER R	0052	LATIN CAPITAL LETTER R
FF33	FULLWIDTH LATIN CAPITAL LETTER S	0053	LATIN CAPITAL LETTER S
FF34	FULLWIDTH LATIN CAPITAL LETTER T	0054	LATIN CAPITAL LETTER T
FF35	FULLWIDTH LATIN CAPITAL LETTER U	0055	LATIN CAPITAL LETTER U
FF36	FULLWIDTH LATIN CAPITAL LETTER V	0056	LATIN CAPITAL LETTER V
FF37	FULLWIDTH LATIN CAPITAL LETTER W	0057	LATIN CAPITAL LETTER W
FF38	FULLWIDTH LATIN CAPITAL LETTER X	0058	LATIN CAPITAL LETTER X
FF39	FULLWIDTH LATIN CAPITAL LETTER Y	0059	LATIN CAPITAL LETTER Y
FF3A	FULLWIDTH LATIN CAPITAL LETTER Z	005A	LATIN CAPITAL LETTER Z
FF3B	FULLWIDTH OPENING SQUARE BRACKET	005B	OPENING SQUARE BRACKET
FF3C	FULLWIDTH BACKSLASH	005C	BACKSLASH
FF3D	FULLWIDTH CLOSING SQUARE BRACKET	005D	CLOSING SQUARE BRACKET
FF3E	FULLWIDTH SPACING CIRCUMFLEX	005E	SPACING CIRCUMFLEX
FF3F	FULLWIDTH SPACING UNDERSCORE	005F	SPACING UNDERSCORE
FF40	FULLWIDTH SPACING GRAVE	0060	SPACING GRAVE
FF41	FULLWIDTH LATIN SMALL LETTER A	0061	LATIN SMALL LETTER A
FF42	FULLWIDTH LATIN SMALL LETTER B	0062	LATIN SMALL LETTER B
FF43	FULLWIDTH LATIN SMALL LETTER C	0063	LATIN SMALL LETTER C
FF44	FULLWIDTH LATIN SMALL LETTER D	0064	LATIN SMALL LETTER D
FF45	FULLWIDTH LATIN SMALL LETTER E	0065	LATIN SMALL LETTER E
FF46	FULLWIDTH LATIN SMALL LETTER F	0066	LATIN SMALL LETTER F

UNIC	Compatibility zone Unicode character name	UNIC	Unicode character name
FF47	FULLWIDTH LATIN SMALL LETTER G	0067	LATIN SMALL LETTER G
FF48	FULLWIDTH LATIN SMALL LETTER H	0068	LATIN SMALL LETTER H
FF49	FULLWIDTH LATIN SMALL LETTER I	0069	LATIN SMALL LETTER I
FF4A	FULLWIDTH LATIN SMALL LETTER J	006A	LATIN SMALL LETTER J
FF4B	FULLWIDTH LATIN SMALL LETTER K	006B	LATIN SMALL LETTER K
FF4C	FULLWIDTH LATIN SMALL LETTER L	006C	LATIN SMALL LETTER L
FF4D	FULLWIDTH LATIN SMALL LETTER M	006D	LATIN SMALL LETTER M
FF4E	FULLWIDTH LATIN SMALL LETTER N	006E	LATIN SMALL LETTER N
FF4F	FULLWIDTH LATIN SMALL LETTER O	006F	LATIN SMALL LETTER O
FF50	FULLWIDTH LATIN SMALL LETTER P	0070	LATIN SMALL LETTER P
FF51	FULLWIDTH LATIN SMALL LETTER Q	0071	LATIN SMALL LETTER Q
FF52	FULLWIDTH LATIN SMALL LETTER R	0072	LATIN SMALL LETTER R
FF53	FULLWIDTH LATIN SMALL LETTER S	0073	LATIN SMALL LETTER S
FF54	FULLWIDTH LATIN SMALL LETTER T	0074	LATIN SMALL LETTER T
FF55	FULLWIDTH LATIN SMALL LETTER U	0075	LATIN SMALL LETTER U
FF56	FULLWIDTH LATIN SMALL LETTER V	0076	LATIN SMALL LETTER V
FF57	FULLWIDTH LATIN SMALL LETTER W	0077	LATIN SMALL LETTER W
FF58	FULLWIDTH LATIN SMALL LETTER X	0078	LATIN SMALL LETTER X
FF59	FULLWIDTH LATIN SMALL LETTER Y	0079	LATIN SMALL LETTER Y
FF5A	FULLWIDTH LATIN SMALL LETTER Z	007A	LATIN SMALL LETTER Z
FF5B	FULLWIDTH OPENING CURLY BRACKET	007B	OPENING CURLY BRACKET
FF5C	FULLWIDTH VERTICAL BAR	007C	VERTICAL BAR
FF5D	FULLWIDTH CLOSING CURLY BRACKET	007D	CLOSING CURLY BRACKET
FF5E	FULLWIDTH SPACING TILDE	007E	TILDE
FF61	HALFWIDTH IDEOGRAPHIC PERIOD	3002	IDEOGRAPHIC PERIOD
FF62	HALFWIDTH OPENING CORNER BRACKET	300C	OPENING CORNER BRACKET
FF63	HALFWIDTH CLOSING CORNER BRACKET	300D	CLOSING CORNER BRACKET
FF64	HALFWIDTH IDEOGRAPHIC COMMA	3001	IDEOGRAPHIC COMMA
FF65	HALFWIDTH KATAKANA MIDDLE DOT	30FB	KATAKANA MIDDLE DOT
FF66	HALFWIDTH KATAKANA LETTER WO	30F2	KATAKANA LETTER WO
FF67	HALFWIDTH KATAKANA LETTER SMALL A	30A1	KATAKANA LETTER SMALL A
FF68	HALFWIDTH KATAKANA LETTER SMALL I	30A3	KATAKANA LETTER SMALL I
FF69	HALFWIDTH KATAKANA LETTER SMALL U	30A5	KATAKANA LETTER SMALL U
FF6A	HALFWIDTH KATAKANA LETTER SMALL E	30A7	KATAKANA LETTER SMALL E
FF6B	HALFWIDTH KATAKANA LETTER SMALL O	30A9	KATAKANA LETTER SMALL O
FF6C	HALFWIDTH KATAKANA LETTER SMALL YA	30E3	KATAKANA LETTER SMALL YA
FF6D	HALFWIDTH KATAKANA LETTER SMALL YU	30E5	KATAKANA LETTER SMALL YU
FF6E	HALFWIDTH KATAKANA LETTER SMALL YO	30E7	KATAKANA LETTER SMALL YO
FF6F	HALFWIDTH KATAKANA LETTER SMALL TU	30C3	KATAKANA LETTER SMALL TU

Maps to

Unicode character name

Compatibility zone		Maps to	
UNIC	Unicode character name	UNIC	Unicode character name
FF70	HALFWIDTH KATAKANA-HIRAGANA PROLONGED SOUND MARK	30FC	KATAKANA-HIRAGANA PROLONGED SOUND MARK
FF71	HALFWIDTH KATAKANA LETTER A	30A2	KATAKANA LETTER A
FF72	HALFWIDTH KATAKANA LETTER I	30A4	KATAKANA LETTER I
FF73	HALFWIDTH KATAKANA LETTER U	30A6	KATAKANA LETTER U
FF74	HALFWIDTH KATAKANA LETTER E	30A8	KATAKANA LETTER E
FF75	HALFWIDTH KATAKANA LETTER O	30AA	KATAKANA LETTER O
FF76	HALFWIDTH KATAKANA LETTER KA	30AB	KATAKANA LETTER KA
FF77	HALFWIDTH KATAKANA LETTER KI	30AD	KATAKANA LETTER KI
FF78	HALFWIDTH KATAKANA LETTER KU	30AF	KATAKANA LETTER KU
FF79	HALFWIDTH KATAKANA LETTER KE	30B1	KATAKANA LETTER KE
FF7A	HALFWIDTH KATAKANA LETTER KO	30B3	KATAKANA LETTER KO
FF7B	HALFWIDTH KATAKANA LETTER SA	30B5	KATAKANA LETTER SA
FF7C	HALFWIDTH KATAKANA LETTER SI	30B7	KATAKANA LETTER SI
FF7D	HALFWIDTH KATAKANA LETTER SU	30B9	KATAKANA LETTER SU
FF7E	HALFWIDTH KATAKANA LETTER SE	30BB	KATAKANA LETTER SE
FF7F	HALFWIDTH KATAKANA LETTER SO	30BD	KATAKANA LETTER SO
FF80	HALFWIDTH KATAKANA LETTER TA	30BF	KATAKANA LETTER TA
FF81	HALFWIDTH KATAKANA LETTER TI	30C1	KATAKANA LETTER TI
FF82	HALFWIDTH KATAKANA LETTER TU	30C4	KATAKANA LETTER TU
FF83	HALFWIDTH KATAKANA LETTER TE	30C6	KATAKANA LETTER TE
FF84	HALFWIDTH KATAKANA LETTER TO	30C8	KATAKANA LETTER TO
FF85	HALFWIDTH KATAKANA LETTER NA	30CA	KATAKANA LETTER NA
FF86	HALFWIDTH KATAKANA LETTER NI	30CB	KATAKANA LETTER NI
FF87	HALFWIDTH KATAKANA LETTER NU	30CC	KATAKANA LETTER NU
FF88	HALFWIDTH KATAKANA LETTER NE	30CD	KATAKANA LETTER NE
FF89	HALFWIDTH KATAKANA LETTER NO	30CE	KATAKANA LETTER NO
FF8A	HALFWIDTH KATAKANA LETTER HA	30CF	KATAKANA LETTER HA
FF8B	HALFWIDTH KATAKANA LETTER HI	30D2	KATAKANA LETTER HI
FF8C	HALFWIDTH KATAKANA LETTER HU	30D5	KATAKANA LETTER HU
FF8D	HALFWIDTH KATAKANA LETTER HE	30D8	KATAKANA LETTER HE
FF8E	HALFWIDTH KATAKANA LETTER HO	30DB	KATAKANA LETTER HO
FF8F	HALFWIDTH KATAKANA LETTER MA	30DE	KATAKANA LETTER MA
FF90	HALFWIDTH KATAKANA LETTER MI	30DF	KATAKANA LETTER MI
FF91	HALFWIDTH KATAKANA LETTER MU	30E0	KATAKANA LETTER MU
FF92	HALFWIDTH KATAKANA LETTER ME	30E1	KATAKANA LETTER ME
FF93	HALFWIDTH KATAKANA LETTER MO	30E2	KATAKANA LETTER MO
FF94	HALFWIDTH KATAKANA LETTER YA	30E4	KATAKANA LETTER YA
FF95	HALFWIDTH KATAKANA LETTER YU	30E6	KATAKANA LETTER YU
FF96	HALFWIDTH KATAKANA LETTER YO	30E8	KATAKANA LETTER YO

UNIC	Compatibility zone Unicode character name	UNIC	Maps to Unicode character name
FF97	HALFWIDTH KATAKANA LETTER RA	30E9	KATAKANA LETTER RA
FF98	HALFWIDTH KATAKANA LETTER RI	30EA	KATAKANA LETTER RI
FF99	HALFWIDTH KATAKANA LETTER RU	30EB	KATAKANA LETTER RU
FF9A	HALFWIDTH KATAKANA LETTER RE	30EC	KATAKANA LETTER RE
FF9B	HALFWIDTH KATAKANA LETTER RO	30ED	KATAKANA LETTER RO
FF9C	HALFWIDTH KATAKANA LETTER WA	30EF	KATAKANA LETTER WA
FF9D	HALFWIDTH KATAKANA LETTER N	30F3	KATAKANA LETTER N
FF9E	HALFWIDTH KATAKANA VOICED SOUND MARK	309B	KATAKANA-HIRAGANA VOICED SOUND MARK
FF9F	HALFWIDTH KATAKANA SEMI-VOICED SOUND MARK	309C	KATAKANA-HIRAGANA SEMI-VOICED SOUND MARK
FFA0	HALFWIDTH HANGUL CAE OM	3164	HANGUL CAE OM
FFA1	HALFWIDTH HANGUL LETTER GIYEOG	3131	HANGUL LETTER GIYEOG
FFA2	HALFWIDTH HANGUL LETTER SSANG GIYEOG	3132	HANGUL LETTER SSANG GIYEOG
FFA3	HALFWIDTH HANGUL LETTER GIYEOG SIOS	3133	HANGUL LETTER GIYEOG SIOS
FFA4	HALFWIDTH HANGUL LETTER NIEUN	3134	HANGUL LETTER NIEUN
FFA5	HALFWIDTH HANGUL LETTER NIEUN JIEUJ	3135	HANGUL LETTER NIEUN JIEUJ
FFA6	HALFWIDTH HANGUL LETTER NIEUN HIEUH	3136	HANGUL LETTER NIEUN HIEUH
FFA7	HALFWIDTH HANGUL LETTER DIGEUD	3137	HANGUL LETTER DIGEUD
FFA8	HALFWIDTH HANGUL LETTER SSANG DIGEUD	3138	HANGUL LETTER SSANG DIGEUD
FFA9	HALFWIDTH HANGUL LETTER LIEUL	3139	HANGUL LETTER LIEUL
FFAA	HALFWIDTH HANGUL LETTER LIEUL GIYEOG	313A	HANGUL LETTER LIEUL GIYEOG
FFAB	HALFWIDTH HANGUL LETTER LIEUL MIEUM	313B	HANGUL LETTER LIEUL MIEUM
FFAC	HALFWIDTH HANGUL LETTER LIEUL BIEUB	313C	HANGUL LETTER LIEUL BIEUB
FFAD	HALFWIDTH HANGUL LETTER LIEUL SIOS	313D	HANGUL LETTER LIEUL SIOS
FFAE	HALFWIDTH HANGUL LETTER LIEUL TIEUT	313E	HANGUL LETTER LIEUL TIEUT
FFAF	HALFWIDTH HANGUL LETTER LIEUL PIEUP	313F	HANGUL LETTER LIEUL PIEUP
FFB0	HALFWIDTH HANGUL LETTER LIEUL HIEUH	3140	HANGUL LETTER LIEUL HIEUH
FFB1	HALFWIDTH HANGUL LETTER MIEUM	3141	HANGUL LETTER MIEUM
FFB2	HALFWIDTH HANGUL LETTER BIEUB	3142	HANGUL LETTER BIEUB
FFB3	HALFWIDTH HANGUL LETTER SSANG BIEUB	3143	HANGUL LETTER SSANG BIEUB
FFB4	HALFWIDTH HANGUL LETTER BIEUB SIOS	3144	HANGUL LETTER BIEUB SIOS
FFB5	HALFWIDTH HANGUL LETTER SIOS	3145	HANGUL LETTER SIOS
FFB6	HALFWIDTH HANGUL LETTER SSANG SIOS	3146	HANGUL LETTER SSANG SIOS
FFB7	HALFWIDTH HANGUL LETTER IEUNG	3147	HANGUL LETTER IEUNG
FFB8	HALFWIDTH HANGUL LETTER JIEUJ	3148	HANGUL LETTER JIEUJ
FFB9	HALFWIDTH HANGUL LETTER SSANG JIEUJ	3149	HANGUL LETTER SSANG JIEUJ
FFBA	HALFWIDTH HANGUL LETTER CIEUC	314A	HANGUL LETTER CIEUC
FFBB	HALFWIDTH HANGUL LETTER KIYEOK	314B	HANGUL LETTER KIYEOK
FFBC	HALFWIDTH HANGUL LETTER TIEUT	314C	HANGUL LETTER TIEUT
FFBD	HALFWIDTH HANGUL LETTER PIEUP	314D	HANGUL LETTER PIEUP

<i>Unicode</i>	<i>Compatibility zone Unicode character name</i>	<i>Unicode</i>	<i>Unicode character name</i>
FFBE	HALFWIDTH HANGUL LETTER HIEUH	314E	HANGUL LETTER HIEUH
FFC2	HALFWIDTH HANGUL LETTER A	314F	HANGUL LETTER A
FFC3	HALFWIDTH HANGUL LETTER AE	3150	HANGUL LETTER AE
FFC4	HALFWIDTH HANGUL LETTER YA	3151	HANGUL LETTER YA
FFC5	HALFWIDTH HANGUL LETTER YAE	3152	HANGUL LETTER YAE
FFC6	HALFWIDTH HANGUL LETTER EO	3153	HANGUL LETTER EO
FFC7	HALFWIDTH HANGUL LETTER E	3154	HANGUL LETTER E
FFCA	HALFWIDTH HANGUL LETTER YEO	3155	HANGUL LETTER YEO
FFCB	HALFWIDTH HANGUL LETTER YE	3156	HANGUL LETTER YE
FFCC	HALFWIDTH HANGUL LETTER O	3157	HANGUL LETTER O
FFCD	HALFWIDTH HANGUL LETTER WA	3158	HANGUL LETTER WA
FFCE	HALFWIDTH HANGUL LETTER WAE	3159	HANGUL LETTER WAE
FFCF	HALFWIDTH HANGUL LETTER OE	315A	HANGUL LETTER OE
FFD2	HALFWIDTH HANGUL LETTER YO	315B	HANGUL LETTER YO
FFD3	HALFWIDTH HANGUL LETTER U	315C	HANGUL LETTER U
FFD4	HALFWIDTH HANGUL LETTER WEO	315D	HANGUL LETTER WEO
FFD5	HALFWIDTH HANGUL LETTER WE	315E	HANGUL LETTER WE
FFD6	HALFWIDTH HANGUL LETTER WI	315F	HANGUL LETTER WI
FFD7	HALFWIDTH HANGUL LETTER YU	3160	HANGUL LETTER YU
FFDA	HALFWIDTH HANGUL LETTER EU	3161	HANGUL LETTER EU
FFDB	HALFWIDTH HANGUL LETTER YI	3162	HANGUL LETTER YI
FFDC	HALFWIDTH HANGUL LETTER I	3163	HANGUL LETTER I
FFE0	FULLWIDTH CENT SIGN	00A2	CENT SIGN
FFE1	FULLWIDTH POUND SIGN	00A3	POUND SIGN
FFE2	FULLWIDTH NOT SIGN	00AC	NOT SIGN
FFE3	FULLWIDTH SPACING MACRON	00AF	SPACING MACRON
FFE4	FULLWIDTH BROKEN VERTICAL BAR	00A6	BROKEN VERTICAL BAR
FFE5	FULLWIDTH YEN SIGN	00A5	YEN SIGN
FFE6	FULLWIDTH WON SIGN	20A9	WON SIGN

### 5.3 Vietnamese Mappings

This table provides suggested spellings of existing letters of the Vietnamese alphabet for which the Unicode standard does *not* contain a precomposed form. Because of the special properties of the Vietnamese alphabet, an unambiguous spelling is suggested where the tone marks are non-spacing accents and are combined with precomposed vowels. Each row of the table can be interpreted as the decomposition for a single Vietnamese vowel with its tone mark.

The five Vietnamese tone marks are:

- U+0341 NON-SPACING ACUTE TONE MARK
- U+0340 NON-SPACING GRAVE TONE MARK
- U+0309 NON-SPACING HOOK ABOVE
- U+0303 NON-SPACING TILDE
- U+0323 NON-SPACING DOT BELOW

The tilde (U+0303) and the dot below (U+0323) are generic, non-spacing characters; the other three are tone marks that are unique to Vietnamese.

## Unicode Vietnamese Decomposition

UNIC	Unicode character name Base vowel (simple or composite)	UNIC	Unicode character name Non-spacing mark for tone
0041	LATIN CAPITAL LETTER A	0309	NON-SPACING HOOK ABOVE
0041	LATIN CAPITAL LETTER A	0323	NON-SPACING DOT BELOW
0041	LATIN CAPITAL LETTER A	0340	NON-SPACING GRAVE TONE MARK
0041	LATIN CAPITAL LETTER A	0341	NON-SPACING ACUTE TONE MARK
00C2	LATIN CAPITAL LETTER A CIRCUMFLEX	0303	NON-SPACING TILDE
00C2	LATIN CAPITAL LETTER A CIRCUMFLEX	0309	NON-SPACING HOOK ABOVE
00C2	LATIN CAPITAL LETTER A CIRCUMFLEX	0323	NON-SPACING DOT BELOW
00C2	LATIN CAPITAL LETTER A CIRCUMFLEX	0340	NON-SPACING GRAVE TONE MARK
00C2	LATIN CAPITAL LETTER A CIRCUMFLEX	0341	NON-SPACING ACUTE TONE MARK
0102	LATIN CAPITAL LETTER A BREVE	0303	NON-SPACING TILDE
0102	LATIN CAPITAL LETTER A BREVE	0309	NON-SPACING HOOK ABOVE
0102	LATIN CAPITAL LETTER A BREVE	0323	NON-SPACING DOT BELOW
0102	LATIN CAPITAL LETTER A BREVE	0340	NON-SPACING GRAVE TONE MARK
0102	LATIN CAPITAL LETTER A BREVE	0341	NON-SPACING ACUTE TONE MARK
0045	LATIN CAPITAL LETTER E	0303	NON-SPACING TILDE
0045	LATIN CAPITAL LETTER E	0309	NON-SPACING HOOK ABOVE
0045	LATIN CAPITAL LETTER E	0323	NON-SPACING DOT BELOW
0045	LATIN CAPITAL LETTER E	0340	NON-SPACING GRAVE TONE MARK
0045	LATIN CAPITAL LETTER E	0341	NON-SPACING ACUTE TONE MARK
00CA	LATIN CAPITAL LETTER E CIRCUMFLEX	0303	NON-SPACING TILDE
00CA	LATIN CAPITAL LETTER E CIRCUMFLEX	0309	NON-SPACING HOOK ABOVE
00CA	LATIN CAPITAL LETTER E CIRCUMFLEX	0323	NON-SPACING DOT BELOW
00CA	LATIN CAPITAL LETTER E CIRCUMFLEX	0340	NON-SPACING GRAVE TONE MARK
00CA	LATIN CAPITAL LETTER E CIRCUMFLEX	0341	NON-SPACING ACUTE TONE MARK
0049	LATIN CAPITAL LETTER I	0303	NON-SPACING TILDE
0049	LATIN CAPITAL LETTER I	0309	NON-SPACING HOOK ABOVE
0049	LATIN CAPITAL LETTER I	0323	NON-SPACING DOT BELOW
0049	LATIN CAPITAL LETTER I	0340	NON-SPACING GRAVE TONE MARK
0049	LATIN CAPITAL LETTER I	0341	NON-SPACING ACUTE TONE MARK
004F	LATIN CAPITAL LETTER O	0309	NON-SPACING HOOK ABOVE
004F	LATIN CAPITAL LETTER O	0323	NON-SPACING DOT BELOW
004F	LATIN CAPITAL LETTER O	0340	NON-SPACING GRAVE TONE MARK
004F	LATIN CAPITAL LETTER O	0341	NON-SPACING ACUTE TONE MARK
00D4	LATIN CAPITAL LETTER O CIRCUMFLEX	0303	NON-SPACING TILDE
00D4	LATIN CAPITAL LETTER O CIRCUMFLEX	0309	NON-SPACING HOOK ABOVE
00D4	LATIN CAPITAL LETTER O CIRCUMFLEX	0323	NON-SPACING DOT BELOW
00D4	LATIN CAPITAL LETTER O CIRCUMFLEX	0340	NON-SPACING GRAVE TONE MARK
00D4	LATIN CAPITAL LETTER O CIRCUMFLEX	0341	NON-SPACING ACUTE TONE MARK
01A0	LATIN CAPITAL LETTER O HORN	0303	NON-SPACING TILDE
01A0	LATIN CAPITAL LETTER O HORN	0309	NON-SPACING HOOK ABOVE
01A0	LATIN CAPITAL LETTER O HORN	0323	NON-SPACING DOT BELOW
01A0	LATIN CAPITAL LETTER O HORN	0340	NON-SPACING GRAVE TONE MARK
01A0	LATIN CAPITAL LETTER O HORN	0341	NON-SPACING ACUTE TONE MARK
0055	LATIN CAPITAL LETTER U	0303	NON-SPACING TILDE
0055	LATIN CAPITAL LETTER U	0309	NON-SPACING HOOK ABOVE
0055	LATIN CAPITAL LETTER U	0323	NON-SPACING DOT BELOW
0055	LATIN CAPITAL LETTER U	0340	NON-SPACING GRAVE TONE MARK
0055	LATIN CAPITAL LETTER U	0341	NON-SPACING ACUTE TONE MARK
01AF	LATIN CAPITAL LETTER U HORN	0303	NON-SPACING TILDE
01AF	LATIN CAPITAL LETTER U HORN	0309	NON-SPACING HOOK ABOVE
01AF	LATIN CAPITAL LETTER U HORN	0323	NON-SPACING DOT BELOW
01AF	LATIN CAPITAL LETTER U HORN	0340	NON-SPACING GRAVE TONE MARK
01AF	LATIN CAPITAL LETTER U HORN	0341	NON-SPACING ACUTE TONE MARK

<i>UNIC</i>	<i>Unicode character name Base vowel (simple or composite)</i>
0059	LATIN CAPITAL LETTER Y
0059	LATIN CAPITAL LETTER Y
0059	LATIN CAPITAL LETTER Y
0059	LATIN CAPITAL LETTER Y
0059	LATIN CAPITAL LETTER Y
0061	LATIN SMALL LETTER A
0061	LATIN SMALL LETTER A
0061	LATIN SMALL LETTER A
0061	LATIN SMALL LETTER A
00E2	LATIN SMALL LETTER A CIRCUMFLEX
00E2	LATIN SMALL LETTER A CIRCUMFLEX
00E2	LATIN SMALL LETTER A CIRCUMFLEX
00E2	LATIN SMALL LETTER A CIRCUMFLEX
00E2	LATIN SMALL LETTER A CIRCUMFLEX
0103	LATIN SMALL LETTER A BREVE
0103	LATIN SMALL LETTER A BREVE
0103	LATIN SMALL LETTER A BREVE
0103	LATIN SMALL LETTER A BREVE
0103	LATIN SMALL LETTER A BREVE
0065	LATIN SMALL LETTER E
0065	LATIN SMALL LETTER E
0065	LATIN SMALL LETTER E
0065	LATIN SMALL LETTER E
0065	LATIN SMALL LETTER E
00EA	LATIN SMALL LETTER E CIRCUMFLEX
00EA	LATIN SMALL LETTER E CIRCUMFLEX
00EA	LATIN SMALL LETTER E CIRCUMFLEX
00EA	LATIN SMALL LETTER E CIRCUMFLEX
00EA	LATIN SMALL LETTER E CIRCUMFLEX
0069	LATIN SMALL LETTER I
0069	LATIN SMALL LETTER I
0069	LATIN SMALL LETTER I
0069	LATIN SMALL LETTER I
006F	LATIN SMALL LETTER O
006F	LATIN SMALL LETTER O
006F	LATIN SMALL LETTER O
006F	LATIN SMALL LETTER O
00F4	LATIN SMALL LETTER O CIRCUMFLEX
00F4	LATIN SMALL LETTER O CIRCUMFLEX
00F4	LATIN SMALL LETTER O CIRCUMFLEX
00F4	LATIN SMALL LETTER O CIRCUMFLEX
00F4	LATIN SMALL LETTER O CIRCUMFLEX
01A1	LATIN SMALL LETTER O HORN
01A1	LATIN SMALL LETTER O HORN
01A1	LATIN SMALL LETTER O HORN
01A1	LATIN SMALL LETTER O HORN
01A1	LATIN SMALL LETTER O HORN
0075	LATIN SMALL LETTER U
0075	LATIN SMALL LETTER U
0075	LATIN SMALL LETTER U
0075	LATIN SMALL LETTER U
01B0	LATIN SMALL LETTER U HORN
01B0	LATIN SMALL LETTER U HORN
01B0	LATIN SMALL LETTER U HORN
01B0	LATIN SMALL LETTER U HORN

<i>UNIC</i>	<i>Unicode character name Non-spacing mark for tone</i>
0303	NON-SPACING TILDE
0309	NON-SPACING HOOK ABOVE
0323	NON-SPACING DOT BELOW
0340	NON-SPACING GRAVE TONE MARK
0341	NON-SPACING ACUTE TONE MARK
0309	NON-SPACING HOOK ABOVE
0323	NON-SPACING DOT BELOW
0340	NON-SPACING GRAVE TONE MARK
0341	NON-SPACING ACUTE TONE MARK
0303	NON-SPACING TILDE
0309	NON-SPACING HOOK ABOVE
0323	NON-SPACING DOT BELOW
0340	NON-SPACING GRAVE TONE MARK
0341	NON-SPACING ACUTE TONE MARK
0303	NON-SPACING TILDE
0309	NON-SPACING HOOK ABOVE
0323	NON-SPACING DOT BELOW
0340	NON-SPACING GRAVE TONE MARK
0341	NON-SPACING ACUTE TONE MARK
0303	NON-SPACING TILDE
0309	NON-SPACING HOOK ABOVE
0323	NON-SPACING DOT BELOW
0340	NON-SPACING GRAVE TONE MARK
0341	NON-SPACING ACUTE TONE MARK
0309	NON-SPACING HOOK ABOVE
0323	NON-SPACING DOT BELOW
0340	NON-SPACING GRAVE TONE MARK
0341	NON-SPACING ACUTE TONE MARK
0309	NON-SPACING HOOK ABOVE
0323	NON-SPACING DOT BELOW
0340	NON-SPACING GRAVE TONE MARK
0341	NON-SPACING ACUTE TONE MARK
0303	NON-SPACING TILDE
0309	NON-SPACING HOOK ABOVE
0323	NON-SPACING DOT BELOW
0340	NON-SPACING GRAVE TONE MARK
0341	NON-SPACING ACUTE TONE MARK
0303	NON-SPACING TILDE
0309	NON-SPACING HOOK ABOVE
0323	NON-SPACING DOT BELOW
0340	NON-SPACING GRAVE TONE MARK
0341	NON-SPACING ACUTE TONE MARK
0303	NON-SPACING TILDE
0309	NON-SPACING HOOK ABOVE
0323	NON-SPACING DOT BELOW
0340	NON-SPACING GRAVE TONE MARK
0341	NON-SPACING ACUTE TONE MARK
0303	NON-SPACING TILDE
0309	NON-SPACING HOOK ABOVE
0323	NON-SPACING DOT BELOW
0340	NON-SPACING GRAVE TONE MARK



<i>UNIC</i>	<i>Unicode character name</i> <i>Base vowel (simple or composite)</i>
01B0	LATIN SMALL LETTER U HORN
0079	LATIN SMALL LETTER Y
0079	LATIN SMALL LETTER Y
0079	LATIN SMALL LETTER Y
0079	LATIN SMALL LETTER Y
0079	LATIN SMALL LETTER Y

<i>UNIC</i>	<i>Unicode character name</i> <i>Non-spacing mark for tone</i>
0341	NON-SPACING ACUTE TONE MARK
0303	NON-SPACING TILDE
0309	NON-SPACING HOOK ABOVE
0323	NON-SPACING DOT BELOW
0340	NON-SPACING GRAVE TONE MARK
0341	NON-SPACING ACUTE TONE MARK

## 5.4 Polytonic Greek to Unicode Characters

This table provides suggested spellings of existing letters of Polytonic Greek for which the Unicode standard does not contain a pre-composed form.

## Unicode Polytonic Greek Decomposition Mapping

Base	Diacritics	Polytonic Greek accented letter name
03B1	0300	LOWERCASE ALPHA GRAVE
03B1	0301	LOWERCASE ALPHA ACUTE
03B1	0302	LOWERCASE ALPHA CIRCUMFLEX
03B1	0370	LOWERCASE ALPHA IOTA
03B1	0370 0300	LOWERCASE ALPHA IOTA GRAVE
03B1	0370 0301	LOWERCASE ALPHA IOTA ACUTE
03B1	0370 0302	LOWERCASE ALPHA IOTA CIRCUMFLEX
03B1	0370 0371	LOWERCASE ALPHA IOTA DASIA
03B1	0370 0371 0300	LOWERCASE ALPHA IOTA DASIA GRAVE
03B1	0370 0371 0301	LOWERCASE ALPHA IOTA DASIA ACUTE
03B1	0370 0371 0302	LOWERCASE ALPHA IOTA DASIA CIRCUMFLEX
03B1	0370 0372	LOWERCASE ALPHA IOTA PSILI
03B1	0370 0372 0300	LOWERCASE ALPHA IOTA PSILI GRAVE
03B1	0370 0372 0301	LOWERCASE ALPHA IOTA PSILI ACUTE
03B1	0370 0372 0302	LOWERCASE ALPHA IOTA PSILI CIRCUMFLEX
03B1	0371	LOWERCASE DASIA ALPHA
03B1	0371 0300	LOWERCASE DASIA ALPHA GRAVE
03B1	0371 0301	LOWERCASE DASIA ALPHA ACUTE
03B1	0371 0302	LOWERCASE DASIA ALPHA CIRCUMFLEX
03B1	0372	LOWERCASE ALPHA PSILI
03B1	0372 0300	LOWERCASE ALPHA PSILI GRAVE
03B1	0372 0301	LOWERCASE ALPHA PSILI ACUTE
03B1	0372 0302	LOWERCASE ALPHA PSILI CIRCUMFLEX
03B5	0300	LOWERCASE EPSILON GRAVE
03B5	0301	LOWERCASE EPSILON ACUTE
03B5	0371	LOWERCASE EPSILON DASIA
03B5	0371 0300	LOWERCASE EPSILON DASIA GRAVE
03B5	0371 0301	LOWERCASE EPSILON DASIA ACUTE
03B5	0372	LOWERCASE EPSILON PSILI
03B5	0372 0300	LOWERCASE EPSILON PSILI GRAVE
03B5	0372 0301	LOWERCASE EPSILON PSILI ACUTE
03B7	0300	LOWERCASE ETA GRAVE
03B7	0301	LOWERCASE ETA ACUTE
03B7	0302	LOWERCASE ETA CIRCUMFLEX
03B7	0370	LOWERCASE ETA IOTA
03B7	0370 0300	LOWERCASE ETA IOTA GRAVE
03B7	0370 0301	LOWERCASE ETA IOTA ACUTE
03B7	0370 0302	LOWERCASE ETA IOTA CIRCUMFLEX
03B7	0370 0371	LOWERCASE ETA IOTA DASIA
03B7	0370 0371 0300	LOWERCASE ETA IOTA DASIA GRAVE
03B7	0370 0371 0301	LOWERCASE ETA IOTA DASIA ACUTE
03B7	0370 0371 0302	LOWERCASE ETA IOTA DASIA CIRCUMFLEX
03B7	0370 0372	LOWERCASE ETA IOTA PSILI
03B7	0370 0372 0300	LOWERCASE ETA IOTA PSILI GRAVE
03B7	0370 0372 0301	LOWERCASE ETA IOTA PSILI ACUTE
03B7	0370 0372 0302	LOWERCASE ETA IOTA PSILI CIRCUMFLEX
03B7	0371	LOWERCASE ETA DASIA
03B7	0371 0300	LOWERCASE ETA DASIA GRAVE
03B7	0371 0301	LOWERCASE ETA DASIA ACUTE
03B7	0371 0302	LOWERCASE ETA DASIA CIRCUMFLEX
03B7	0372	LOWERCASE ETA PSILI
03B7	0372 0300	LOWERCASE ETA PSILI GRAVE
03B7	0372 0301	LOWERCASE ETA PSILI ACUTE

<i>Base</i>	<i>Diacritics</i>	<i>Polytonic Greek accented letter name</i>
03B7	0372 0302	LOWERCASE ETA PSILI CIRCUMFLEX
03B9	0300	LOWERCASE IOTA GRAVE
03B9	0301	LOWERCASE IOTA ACUTE
03B9	0302	LOWERCASE IOTA CIRCUMFLEX
03B9	0308 0300	LOWERCASE IOTA DIAERESIS GRAVE
03B9	0308 0301	LOWERCASE IOTA DIAERESIS ACUTE
03B9	0308 0302	LOWERCASE IOTA DIAERESIS CIRCUMFLEX
03B9	0371	LOWERCASE IOTA DASIA
03B9	0371 0300	LOWERCASE IOTA DASIA GRAVE
03B9	0371 0301	LOWERCASE IOTA DASIA ACUTE
03B9	0371 0302	LOWERCASE IOTA DASIA CIRCUMFLEX
03B9	0372	LOWERCASE IOTA PSILI
03B9	0372 0300	LOWERCASE IOTA PSILI GRAVE
03B9	0372 0301	LOWERCASE IOTA PSILI ACUTE
03B9	0372 0302	LOWERCASE IOTA PSILI CIRCUMFLEX
03BF	0300	LOWERCASE OMICRON GRAVE
03BF	0301	LOWERCASE OMICRON ACUTE
03BF	0371	LOWERCASE OMICRON DASIA
03BF	0371 0300	LOWERCASE OMICRON DASIA GRAVE
03BF	0371 0301	LOWERCASE OMICRON DASIA ACUTE
03BF	0372	LOWERCASE OMICRON PSILI
03BF	0372 0300	LOWERCASE OMICRON PSILI GRAVE
03BF	0372 0301	LOWERCASE OMICRON PSILI ACUTE
03C1	0371	LOWERCASE RHO DASIA
03C1	0372	LOWERCASE RHO PSILI
03C5	0300	LOWERCASE UPSILON GRAVE
03C5	0301	LOWERCASE UPSILON ACUTE
03C5	0302	LOWERCASE UPSILON CIRCUMFLEX
03C5	0308 0300	LOWERCASE UPSILON DIAERESIS GRAVE
03C5	0308 0301	LOWERCASE UPSILON DIAERESIS ACUTE
03C5	0308 0302	LOWERCASE UPSILON DIAERESIS CIRCUMFLEX
03C5	0371	LOWERCASE UPSILON DASIA
03C5	0371 0300	LOWERCASE UPSILON DASIA GRAVE
03C5	0371 0301	LOWERCASE UPSILON DASIA ACUTE
03C5	0371 0302	LOWERCASE UPSILON DASIA CIRCUMFLEX
03C5	0372	LOWERCASE UPSILON PSILI
03C5	0372 0300	LOWERCASE UPSILON PSILI GRAVE
03C5	0372 0301	LOWERCASE UPSILON PSILI ACUTE
03C5	0372 0302	LOWERCASE UPSILON PSILI CIRCUMFLEX
03C9	0300	LOWERCASE OMEGA GRAVE
03C9	0301	LOWERCASE OMEGA ACUTE
03C9	0302	LOWERCASE OMEGA CIRCUMFLEX
03C9	0370	LOWERCASE OMEGA IOTA
03C9	0370 0300	LOWERCASE OMEGA IOTA GRAVE
03C9	0370 0301	LOWERCASE OMEGA IOTA ACUTE
03C9	0370 0302	LOWERCASE OMEGA IOTA CIRCUMFLEX
03C9	0370 0371	LOWERCASE OMEGA IOTA DASIA
03C9	0370 0371 0300	LOWERCASE OMEGA IOTA DASIA GRAVE
03C9	0370 0371 0301	LOWERCASE OMEGA IOTA DASIA ACUTE
03C9	0370 0371 0302	LOWERCASE OMEGA IOTA DASIA CIRCUMFLEX
03C9	0370 0372	LOWERCASE OMEGA IOTA PSILI
03C9	0370 0372 0300	LOWERCASE OMEGA IOTA PSILI GRAVE
03C9	0370 0372 0301	LOWERCASE OMEGA IOTA PSILI ACUTE
03C9	0370 0372 0302	LOWERCASE OMEGA IOTA PSILI CIRCUMFLEX
03C9	0371	LOWERCASE OMEGA DASIA
03C9	0371 0300	LOWERCASE OMEGA DASIA GRAVE

<i>Base</i>	<i>Diacritics</i>	<i>Polytonic Greek accented letter name</i>
03C9	0371 0301	LOWERCASE OMEGA DASIA ACUTE
03C9	0371 0302	LOWERCASE OMEGA DASIA CIRCUMFLEX
03C9	0372	LOWERCASE OMEGA PSILI
03C9	0372 0300	LOWERCASE OMEGA PSILI GRAVE
03C9	0372 0301	LOWERCASE OMEGA PSILI ACUTE
03C9	0372 0302	LOWERCASE OMEGA PSILI CIRCUMFLEX

## 5.5 Case Tables

In a few instances, upper- and lowercase mappings may differ from language to language. Examples include Turkish (“ı” LATIN SMALL DOTLESS LETTER I maps to “I” LATIN CAPITAL LETTER I) and French (“é” LATIN SMALL LETTER E WITH ACUTE may map to “E” LATIN CAPITAL LETTER E). However, in general the vast majority of case mappings are uniform across languages.

Two separate tables are provided for uppercasing and lowercasing. It is important to note that operations of uppercasing and lowercasing do not always provide a round trip mapping. Also, since many characters are really caseless (most of the IPA block, for example), uppercasing a string does not mean that it will no longer contain any lowercase letters.

The philosophy followed in these tables is to follow the path of greatest case uniformity where there is an ambiguity (for example, the lowercase of U+01CA LATIN CAPITAL LETTER N J is U+01CC LATIN SMALL LETTER N J and vice-versa. The lowercase of U+01C5 LATIN LETTER CAPITAL D SMALL Z HACEK is U+01C6 LATIN SMALL LETTER D Z HACEK but the uppercase of U+01C5 LATIN LETTER CAPITAL D SMALL Z HACEK is U+01C4 LATIN CAPITAL LETTER D Z HACEK.)

Because there are many more lowercase forms than there are upper, it is recommended that the lowercase be used for normalization rather than the uppercase, such as when strings are case-folded for loose comparison or indexing.

Case folding applications should perform in such a way that case correspondences are not always one-to-one: the result of case folding an operation may be a different character length than in the source string (for example, the LATIN SMALL LETTER SHARP S “ß” becomes “SS” in uppercase.) Unicode values which appear in neither of these tables are caseless.

“Case-less” code points (punctuation, non-spacing characters, digits, and uncased letters such as Hebrew or Katakana) are not included in the table.

### Unicode Upper-Case to Lower-Case Character Mapping

UNIC	Upper-case Unicode character name	UNIC	Lower-case Unicode character name
0041	LATIN CAPITAL LETTER A	0061	LATIN SMALL LETTER A
0042	LATIN CAPITAL LETTER B	0062	LATIN SMALL LETTER B
0043	LATIN CAPITAL LETTER C	0063	LATIN SMALL LETTER C
0044	LATIN CAPITAL LETTER D	0064	LATIN SMALL LETTER D
0045	LATIN CAPITAL LETTER E	0065	LATIN SMALL LETTER E
0046	LATIN CAPITAL LETTER F	0066	LATIN SMALL LETTER F
0047	LATIN CAPITAL LETTER G	0067	LATIN SMALL LETTER G
0048	LATIN CAPITAL LETTER H	0068	LATIN SMALL LETTER H
0049	LATIN CAPITAL LETTER I	0069	LATIN SMALL LETTER I
004A	LATIN CAPITAL LETTER J	006A	LATIN SMALL LETTER J
004B	LATIN CAPITAL LETTER K	006B	LATIN SMALL LETTER K
004C	LATIN CAPITAL LETTER L	006C	LATIN SMALL LETTER L
004D	LATIN CAPITAL LETTER M	006D	LATIN SMALL LETTER M
004E	LATIN CAPITAL LETTER N	006E	LATIN SMALL LETTER N
004F	LATIN CAPITAL LETTER O	006F	LATIN SMALL LETTER O
0050	LATIN CAPITAL LETTER P	0070	LATIN SMALL LETTER P
0051	LATIN CAPITAL LETTER Q	0071	LATIN SMALL LETTER Q
0052	LATIN CAPITAL LETTER R	0072	LATIN SMALL LETTER R
0053	LATIN CAPITAL LETTER S	0073	LATIN SMALL LETTER S
0054	LATIN CAPITAL LETTER T	0074	LATIN SMALL LETTER T
0055	LATIN CAPITAL LETTER U	0075	LATIN SMALL LETTER U
0056	LATIN CAPITAL LETTER V	0076	LATIN SMALL LETTER V
0057	LATIN CAPITAL LETTER W	0077	LATIN SMALL LETTER W
0058	LATIN CAPITAL LETTER X	0078	LATIN SMALL LETTER X
0059	LATIN CAPITAL LETTER Y	0079	LATIN SMALL LETTER Y
005A	LATIN CAPITAL LETTER Z	007A	LATIN SMALL LETTER Z
00C0	LATIN CAPITAL LETTER A GRAVE	00E0	LATIN SMALL LETTER A GRAVE
00C1	LATIN CAPITAL LETTER A ACUTE	00E1	LATIN SMALL LETTER A ACUTE
00C2	LATIN CAPITAL LETTER A CIRCUMFLEX	00E2	LATIN SMALL LETTER A CIRCUMFLEX
00C3	LATIN CAPITAL LETTER A TILDE	00E3	LATIN SMALL LETTER A TILDE
00C4	LATIN CAPITAL LETTER A DIAERESIS	00E4	LATIN SMALL LETTER A DIAERESIS
00C5	LATIN CAPITAL LETTER A RING	00E5	LATIN SMALL LETTER A RING
00C6	LATIN CAPITAL LETTER A E	00E6	LATIN SMALL LETTER A E
00C7	LATIN CAPITAL LETTER C CEDILLA	00E7	LATIN SMALL LETTER C CEDILLA
00C8	LATIN CAPITAL LETTER E GRAVE	00E8	LATIN SMALL LETTER E GRAVE
00C9	LATIN CAPITAL LETTER E ACUTE	00E9	LATIN SMALL LETTER E ACUTE
00CA	LATIN CAPITAL LETTER E CIRCUMFLEX	00EA	LATIN SMALL LETTER E CIRCUMFLEX
00CB	LATIN CAPITAL LETTER E DIAERESIS	00EB	LATIN SMALL LETTER E DIAERESIS

UNIC	Upper-case Unicode character name	Lower-case Unicode character name
00CC	LATIN CAPITAL LETTER I GRAVE	LATIN SMALL LETTER I GRAVE
00CD	LATIN CAPITAL LETTER I ACUTE	LATIN SMALL LETTER I ACUTE
00CE	LATIN CAPITAL LETTER I CIRCUMFLEX	LATIN SMALL LETTER I CIRCUMFLEX
00CF	LATIN CAPITAL LETTER I DIAERESIS	LATIN SMALL LETTER I DIAERESIS
00D0	LATIN CAPITAL LETTER ETH	LATIN SMALL LETTER ETH
00D1	LATIN CAPITAL LETTER N TILDE	LATIN SMALL LETTER N TILDE
00D2	LATIN CAPITAL LETTER O GRAVE	LATIN SMALL LETTER O GRAVE
00D3	LATIN CAPITAL LETTER O ACUTE	LATIN SMALL LETTER O ACUTE
00D4	LATIN CAPITAL LETTER O CIRCUMFLEX	LATIN SMALL LETTER O CIRCUMFLEX
00D5	LATIN CAPITAL LETTER O TILDE	LATIN SMALL LETTER O TILDE
00D6	LATIN CAPITAL LETTER O DIAERESIS	LATIN SMALL LETTER O DIAERESIS
00D8	LATIN CAPITAL LETTER O SLASH	LATIN SMALL LETTER O SLASH
00D9	LATIN CAPITAL LETTER U GRAVE	LATIN SMALL LETTER U GRAVE
00DA	LATIN CAPITAL LETTER U ACUTE	LATIN SMALL LETTER U ACUTE
00DB	LATIN CAPITAL LETTER U CIRCUMFLEX	LATIN SMALL LETTER U CIRCUMFLEX
00DC	LATIN CAPITAL LETTER U DIAERESIS	LATIN SMALL LETTER U DIAERESIS
00DD	LATIN CAPITAL LETTER Y ACUTE	LATIN SMALL LETTER Y ACUTE
00DE	LATIN CAPITAL LETTER THORN	LATIN SMALL LETTER THORN
0100	LATIN CAPITAL LETTER A MACRON	LATIN SMALL LETTER A MACRON
0102	LATIN CAPITAL LETTER A BREVE	LATIN SMALL LETTER A BREVE
0104	LATIN CAPITAL LETTER A OGONEK	LATIN SMALL LETTER A OGONEK
0106	LATIN CAPITAL LETTER C ACUTE	LATIN SMALL LETTER C ACUTE
0108	LATIN CAPITAL LETTER C CIRCUMFLEX	LATIN SMALL LETTER C CIRCUMFLEX
010A	LATIN CAPITAL LETTER C DOT	LATIN SMALL LETTER C DOT
010C	LATIN CAPITAL LETTER C HACEK	LATIN SMALL LETTER C HACEK
010E	LATIN CAPITAL LETTER D HACEK	LATIN SMALL LETTER D HACEK
0110	LATIN CAPITAL LETTER D BAR	LATIN SMALL LETTER D BAR
0112	LATIN CAPITAL LETTER E MACRON	LATIN SMALL LETTER E MACRON
0114	LATIN CAPITAL LETTER E BREVE	LATIN SMALL LETTER E BREVE
0116	LATIN CAPITAL LETTER E DOT	LATIN SMALL LETTER E DOT
0118	LATIN CAPITAL LETTER E OGONEK	LATIN SMALL LETTER E OGONEK
011A	LATIN CAPITAL LETTER E HACEK	LATIN SMALL LETTER E HACEK
011C	LATIN CAPITAL LETTER G CIRCUMFLEX	LATIN SMALL LETTER G CIRCUMFLEX
011E	LATIN CAPITAL LETTER G BREVE	LATIN SMALL LETTER G BREVE
0120	LATIN CAPITAL LETTER G DOT	LATIN SMALL LETTER G DOT
0122	LATIN CAPITAL LETTER G CEDILLA	LATIN SMALL LETTER G CEDILLA
0124	LATIN CAPITAL LETTER H CIRCUMFLEX	LATIN SMALL LETTER H CIRCUMFLEX
0126	LATIN CAPITAL LETTER H BAR	LATIN SMALL LETTER H BAR
0128	LATIN CAPITAL LETTER I TILDE	LATIN SMALL LETTER I TILDE
012A	LATIN CAPITAL LETTER I MACRON	LATIN SMALL LETTER I MACRON
00EC		LATIN SMALL LETTER I GRAVE
00ED		LATIN SMALL LETTER I ACUTE
00EE		LATIN SMALL LETTER I CIRCUMFLEX
00EF		LATIN SMALL LETTER I DIAERESIS
00F0		LATIN SMALL LETTER ETH
00F1		LATIN SMALL LETTER N TILDE
00F2		LATIN SMALL LETTER O GRAVE
00F3		LATIN SMALL LETTER O ACUTE
00F4		LATIN SMALL LETTER O CIRCUMFLEX
00F5		LATIN SMALL LETTER O TILDE
00F6		LATIN SMALL LETTER O DIAERESIS
00F8		LATIN SMALL LETTER O SLASH
00F9		LATIN SMALL LETTER U GRAVE
00FA		LATIN SMALL LETTER U ACUTE
00FB		LATIN SMALL LETTER U CIRCUMFLEX
00FC		LATIN SMALL LETTER U DIAERESIS
00FD		LATIN SMALL LETTER Y ACUTE
00FE		LATIN SMALL LETTER THORN
0101		LATIN SMALL LETTER A MACRON
0103		LATIN SMALL LETTER A BREVE
0105		LATIN SMALL LETTER A OGONEK
0107		LATIN SMALL LETTER C ACUTE
0109		LATIN SMALL LETTER C CIRCUMFLEX
010B		LATIN SMALL LETTER C DOT
010D		LATIN SMALL LETTER C HACEK
010F		LATIN SMALL LETTER D HACEK
0111		LATIN SMALL LETTER D BAR
0113		LATIN SMALL LETTER E MACRON
0115		LATIN SMALL LETTER E BREVE
0117		LATIN SMALL LETTER E DOT
0119		LATIN SMALL LETTER E OGONEK
011B		LATIN SMALL LETTER E HACEK
011D		LATIN SMALL LETTER G CIRCUMFLEX
011F		LATIN SMALL LETTER G BREVE
0121		LATIN SMALL LETTER G DOT
0123		LATIN SMALL LETTER G CEDILLA
0125		LATIN SMALL LETTER H CIRCUMFLEX
0127		LATIN SMALL LETTER H BAR
0129		LATIN SMALL LETTER I TILDE
012B		LATIN SMALL LETTER I MACRON



UNIC	Upper-case Unicode character name	UNIC	Lower-case Unicode character name
012C	LATIN CAPITAL LETTER I BREVE	012D	LATIN SMALL LETTER I BREVE
012E	LATIN CAPITAL LETTER I OGONEK	012F	LATIN SMALL LETTER I OGONEK
0130	LATIN CAPITAL LETTER I DOT	0069	LATIN SMALL LETTER I
0132	LATIN CAPITAL LETTER I J	0133	LATIN SMALL LETTER I J
0134	LATIN CAPITAL LETTER J CIRCUMFLEX	0135	LATIN SMALL LETTER J CIRCUMFLEX
0136	LATIN CAPITAL LETTER K CEDILLA	0137	LATIN SMALL LETTER K CEDILLA
0139	LATIN CAPITAL LETTER L ACUTE	013A	LATIN SMALL LETTER L ACUTE
013B	LATIN CAPITAL LETTER L CEDILLA	013C	LATIN SMALL LETTER L CEDILLA
013D	LATIN CAPITAL LETTER L HACEK	013E	LATIN SMALL LETTER L HACEK
013F	LATIN CAPITAL LETTER L WITH MIDDLE DOT	0140	LATIN SMALL LETTER L WITH MIDDLE DOT
0141	LATIN CAPITAL LETTER L SLASH	0142	LATIN SMALL LETTER L SLASH
0143	LATIN CAPITAL LETTER N ACUTE	0144	LATIN SMALL LETTER N ACUTE
0145	LATIN CAPITAL LETTER N CEDILLA	0146	LATIN SMALL LETTER N CEDILLA
0147	LATIN CAPITAL LETTER N HACEK	0148	LATIN SMALL LETTER N HACEK
014A	LATIN CAPITAL LETTER ENG	014B	LATIN SMALL LETTER ENG
014C	LATIN CAPITAL LETTER O MACRON	014D	LATIN SMALL LETTER O MACRON
014E	LATIN CAPITAL LETTER O BREVE	014F	LATIN SMALL LETTER O BREVE
0150	LATIN CAPITAL LETTER O DOUBLE ACUTE	0151	LATIN SMALL LETTER O DOUBLE ACUTE
0152	LATIN CAPITAL LETTER O E	0153	LATIN SMALL LETTER O E
0154	LATIN CAPITAL LETTER R ACUTE	0155	LATIN SMALL LETTER R ACUTE
0156	LATIN CAPITAL LETTER R CEDILLA	0157	LATIN SMALL LETTER R CEDILLA
0158	LATIN CAPITAL LETTER R HACEK	0159	LATIN SMALL LETTER R HACEK
015A	LATIN CAPITAL LETTER S ACUTE	015B	LATIN SMALL LETTER S ACUTE
015C	LATIN CAPITAL LETTER S CIRCUMFLEX	015D	LATIN SMALL LETTER S CIRCUMFLEX
015E	LATIN CAPITAL LETTER S CEDILLA	015F	LATIN SMALL LETTER S CEDILLA
0160	LATIN CAPITAL LETTER S HACEK	0161	LATIN SMALL LETTER S HACEK
0162	LATIN CAPITAL LETTER T CEDILLA	0163	LATIN SMALL LETTER T CEDILLA
0164	LATIN CAPITAL LETTER T HACEK	0165	LATIN SMALL LETTER T HACEK
0166	LATIN CAPITAL LETTER T BAR	0167	LATIN SMALL LETTER T BAR
0168	LATIN CAPITAL LETTER U TILDE	0169	LATIN SMALL LETTER U TILDE
016A	LATIN CAPITAL LETTER U MACRON	016B	LATIN SMALL LETTER U MACRON
016C	LATIN CAPITAL LETTER U BREVE	016D	LATIN SMALL LETTER U BREVE
016E	LATIN CAPITAL LETTER U RING	016F	LATIN SMALL LETTER U RING
0170	LATIN CAPITAL LETTER U DOUBLE ACUTE	0171	LATIN SMALL LETTER U DOUBLE ACUTE
0172	LATIN CAPITAL LETTER U OGONEK	0173	LATIN SMALL LETTER U OGONEK
0174	LATIN CAPITAL LETTER W CIRCUMFLEX	0175	LATIN SMALL LETTER W CIRCUMFLEX
0176	LATIN CAPITAL LETTER Y CIRCUMFLEX	0177	LATIN SMALL LETTER Y CIRCUMFLEX
0178	LATIN CAPITAL LETTER Y DIAERESIS	00FF	LATIN SMALL LETTER Y DIAERESIS
0179	LATIN CAPITAL LETTER Z ACUTE	017A	LATIN SMALL LETTER Z ACUTE
017B	LATIN CAPITAL LETTER Z DOT	017C	LATIN SMALL LETTER Z DOT

UNIC	Upper-case Unicode character name	UNIC	Lower-case Unicode character name
017D	LATIN CAPITAL LETTER Z HACEK	017E	LATIN SMALL LETTER Z HACEK
0181	LATIN CAPITAL LETTER B HOOK	0253	LATIN SMALL LETTER B HOOK
0182	LATIN CAPITAL LETTER B TOPBAR	0183	LATIN SMALL LETTER B TOPBAR
0184	LATIN CAPITAL LETTER TONE SIX	0185	LATIN SMALL LETTER TONE SIX
0186	LATIN CAPITAL LETTER OPEN O	0254	LATIN SMALL LETTER OPEN O
0187	LATIN CAPITAL LETTER C HOOK	0188	LATIN SMALL LETTER C HOOK
0189	LATIN CAPITAL LETTER AFRICAN D	0256	LATIN SMALL LETTER D RETROFLEX HOOK
018A	LATIN CAPITAL LETTER D HOOK	0257	LATIN SMALL LETTER D HOOK
018B	LATIN CAPITAL LETTER D TOPBAR	018C	LATIN SMALL LETTER D TOPBAR
018E	LATIN CAPITAL LETTER TURNED E	01DD	LATIN SMALL LETTER TURNED E
018F	LATIN CAPITAL LETTER SCHWA	0259	LATIN SMALL LETTER SCHWA
0190	LATIN CAPITAL LETTER EPSILON	025B	LATIN SMALL LETTER EPSILON
0191	LATIN CAPITAL LETTER F HOOK	0192	LATIN SMALL LETTER SCRIPT F
0193	LATIN CAPITAL LETTER G HOOK	0260	LATIN SMALL LETTER G HOOK
0194	LATIN CAPITAL LETTER GAMMA	0263	LATIN SMALL LETTER GAMMA
0196	LATIN CAPITAL LETTER IOTA	0269	LATIN SMALL LETTER IOTA
0197	LATIN CAPITAL LETTER BARRED I	0268	LATIN SMALL LETTER BARRED I
0198	LATIN CAPITAL LETTER K HOOK	0199	LATIN SMALL LETTER K HOOK
019C	LATIN CAPITAL LETTER TURNED M	026f	LATIN SMALL LETTER TURNED M
019D	LATIN CAPITAL LETTER N HOOK	0272	LATIN SMALL LETTER N HOOK
019F	LATIN CAPITAL LETTER BARRED O	0275	LATIN SMALL LETTER BARRED O
01A0	LATIN CAPITAL LETTER O HORN	01A1	LATIN SMALL LETTER O HORN
01A2	LATIN CAPITAL LETTER O I	01A3	LATIN SMALL LETTER O I
01A4	LATIN CAPITAL LETTER P HOOK	01A5	LATIN SMALL LETTER P HOOK
01A7	LATIN CAPITAL LETTER TONE TWO	01A8	LATIN SMALL LETTER TONE TWO
01A9	LATIN CAPITAL LETTER ESH	0283	LATIN SMALL LETTER ESH
01AC	LATIN CAPITAL LETTER T HOOK	01AD	LATIN SMALL LETTER T HOOK
01AE	LATIN CAPITAL LETTER T RETROFLEX HOOK	0288	LATIN SMALL LETTER T RETROFLEX HOOK
01AF	LATIN CAPITAL LETTER U HORN	01B0	LATIN SMALL LETTER U HORN
01B1	LATIN CAPITAL LETTER UPSILON	028A	LATIN SMALL LETTER UPSILON
01B2	LATIN CAPITAL LETTER SCRIPT V	028B	LATIN SMALL LETTER SCRIPT V
01B3	LATIN CAPITAL LETTER Y HOOK	01B4	LATIN SMALL LETTER Y HOOK
01B5	LATIN CAPITAL LETTER Z BAR	01B6	LATIN SMALL LETTER Z BAR
01B7	LATIN CAPITAL LETTER YOGH	0292	LATIN SMALL LETTER YOGH
01B8	LATIN CAPITAL LETTER REVERSED YOGH	01B9	LATIN SMALL LETTER REVERSED YOGH
01BC	LATIN CAPITAL LETTER TONE FIVE	01BD	LATIN SMALL LETTER TONE FIVE
01C4	LATIN CAPITAL LETTER D Z HACEK	01C6	LATIN SMALL LETTER D Z HACEK
01C5	LATIN LETTER CAPITAL D SMALL Z HACEK	01C6	LATIN SMALL LETTER D Z HACEK
01C7	LATIN CAPITAL LETTER L J	01C9	LATIN SMALL LETTER L J
01C8	LATIN LETTER CAPITAL L SMALL J	01C9	LATIN SMALL LETTER L J

UNIC	Upper-case Unicode character name	UNIC	Lower-case Unicode character name
01CA	LATIN CAPITAL LETTER N J	01CC	LATIN SMALL LETTER N J
01CB	LATIN LETTER CAPITAL N SMALL J	01CC	LATIN SMALL LETTER N J
01CD	LATIN CAPITAL LETTER A HACEK	01CE	LATIN SMALL LETTER A HACEK
01CF	LATIN CAPITAL LETTER I HACEK	01D0	LATIN SMALL LETTER I HACEK
01D1	LATIN CAPITAL LETTER O HACEK	01D2	LATIN SMALL LETTER O HACEK
01D3	LATIN CAPITAL LETTER U HACEK	01D4	LATIN SMALL LETTER U HACEK
01D5	LATIN CAPITAL LETTER U DIAERESIS MACRON	01D6	LATIN SMALL LETTER U DIAERESIS MACRON
01D7	LATIN CAPITAL LETTER U DIAERESIS ACUTE	01D8	LATIN SMALL LETTER U DIAERESIS ACUTE
01D9	LATIN CAPITAL LETTER U DIAERESIS HACEK	01DA	LATIN SMALL LETTER U DIAERESIS HACEK
01DB	LATIN CAPITAL LETTER U DIAERESIS GRAVE	01DC	LATIN SMALL LETTER U DIAERESIS GRAVE
01DE	LATIN CAPITAL LETTER A DIAERESIS MACRON	01DF	LATIN SMALL LETTER A DIAERESIS MACRON
01E0	LATIN CAPITAL LETTER A DOT MACRON	01E1	LATIN SMALL LETTER A DOT MACRON
01E2	LATIN CAPITAL LETTER A E MACRON	01E3	LATIN SMALL LETTER A E MACRON
01E4	LATIN CAPITAL LETTER G BAR	01E5	LATIN SMALL LETTER G BAR
01E6	LATIN CAPITAL LETTER G HACEK	01E7	LATIN SMALL LETTER G HACEK
01E8	LATIN CAPITAL LETTER K HACEK	01E9	LATIN SMALL LETTER K HACEK
01EA	LATIN CAPITAL LETTER O OGONEK	01EB	LATIN SMALL LETTER O OGONEK
01EC	LATIN CAPITAL LETTER O OGONEK MACRON	01ED	LATIN SMALL LETTER O OGONEK MACRON
01EE	LATIN CAPITAL LETTER YOGH HACEK	01EF	LATIN SMALL LETTER YOGH HACEK
0386	GREEK CAPITAL LETTER ALPHA TONOS	03AC	GREEK SMALL LETTER ALPHA TONOS
0388	GREEK CAPITAL LETTER EPSILON TONOS	03AD	GREEK SMALL LETTER EPSILON TONOS
0389	GREEK CAPITAL LETTER ETA TONOS	03AE	GREEK SMALL LETTER ETA TONOS
038A	GREEK CAPITAL LETTER IOTA TONOS	03AF	GREEK SMALL LETTER IOTA TONOS
038C	GREEK CAPITAL LETTER OMICRON TONOS	03CC	GREEK SMALL LETTER OMICRON TONOS
038E	GREEK CAPITAL LETTER UPSILON TONOS	03CD	GREEK SMALL LETTER UPSILON TONOS
038F	GREEK CAPITAL LETTER OMEGA TONOS	03CE	GREEK SMALL LETTER OMEGA TONOS
0391	GREEK CAPITAL LETTER ALPHA	03B1	GREEK SMALL LETTER ALPHA
0392	GREEK CAPITAL LETTER BETA	03B2	GREEK SMALL LETTER BETA
0393	GREEK CAPITAL LETTER GAMMA	03B3	GREEK SMALL LETTER GAMMA
0394	GREEK CAPITAL LETTER DELTA	03B4	GREEK SMALL LETTER DELTA
0395	GREEK CAPITAL LETTER EPSILON	03B5	GREEK SMALL LETTER EPSILON
0396	GREEK CAPITAL LETTER ZETA	03B6	GREEK SMALL LETTER ZETA
0397	GREEK CAPITAL LETTER ETA	03B7	GREEK SMALL LETTER ETA
0398	GREEK CAPITAL LETTER THETA	03B8	GREEK SMALL LETTER THETA
0399	GREEK CAPITAL LETTER IOTA	03B9	GREEK SMALL LETTER IOTA
039A	GREEK CAPITAL LETTER KAPPA	03BA	GREEK SMALL LETTER KAPPA
039B	GREEK CAPITAL LETTER LAMBDA	03BB	GREEK SMALL LETTER LAMBDA
039C	GREEK CAPITAL LETTER MU	03BC	GREEK SMALL LETTER MU
039D	GREEK CAPITAL LETTER NU	03BD	GREEK SMALL LETTER NU
039E	GREEK CAPITAL LETTER XI	03BE	GREEK SMALL LETTER XI

<i>UNIC</i>	<i>Upper-case Unicode character name</i>	<i>Lower-case Unicode character name</i>
039F	GREEK CAPITAL LETTER OMICRON	GREEK SMALL LETTER OMICRON
03A0	GREEK CAPITAL LETTER PI	GREEK SMALL LETTER PI
03A1	GREEK CAPITAL LETTER RHO	GREEK SMALL LETTER RHO
03A3	GREEK CAPITAL LETTER SIGMA	GREEK SMALL LETTER SIGMA
03A4	GREEK CAPITAL LETTER TAU	GREEK SMALL LETTER TAU
03A5	GREEK CAPITAL LETTER UPSILON	GREEK SMALL LETTER UPSILON
03A6	GREEK CAPITAL LETTER PHI	GREEK SMALL LETTER PHI
03A7	GREEK CAPITAL LETTER CHI	GREEK SMALL LETTER CHI
03A8	GREEK CAPITAL LETTER PSI	GREEK SMALL LETTER PSI
03A9	GREEK CAPITAL LETTER OMEGA	GREEK SMALL LETTER OMEGA
03AA	GREEK CAPITAL LETTER IOTA DIAERESIS	GREEK SMALL LETTER IOTA DIAERESIS
03AB	GREEK CAPITAL LETTER UPSILON DIAERESIS	GREEK SMALL LETTER UPSILON DIAERESIS
03D2	GREEK CAPITAL LETTER UPSILON HOOK	GREEK SMALL LETTER UPSILON
03D3	GREEK CAPITAL LETTER UPSILON HOOK TONOS	GREEK SMALL LETTER UPSILON TONOS
03D4	GREEK CAPITAL LETTER UPSILON HOOK DIAERESIS	GREEK SMALL LETTER UPSILON DIAERESIS
03DA	GREEK CAPITAL LETTER STIGMA	GREEK SMALL LETTER STIGMA
03DC	GREEK CAPITAL LETTER DIGAMMA	GREEK SMALL LETTER DIGAMMA
03DE	GREEK CAPITAL LETTER KOPPA	GREEK SMALL LETTER KOPPA
03E0	GREEK CAPITAL LETTER SAMPI	GREEK SMALL LETTER SAMPI
03E2	GREEK CAPITAL LETTER SHEI	GREEK SMALL LETTER SHEI
03E4	GREEK CAPITAL LETTER FEI	GREEK SMALL LETTER FEI
03E6	GREEK CAPITAL LETTER KHEI	GREEK SMALL LETTER KHEI
03E8	GREEK CAPITAL LETTER HORI	GREEK SMALL LETTER HORI
03EA	GREEK CAPITAL LETTER GANGIA	GREEK SMALL LETTER GANGIA
03EC	GREEK CAPITAL LETTER SHIMA	GREEK SMALL LETTER SHIMA
03EE	GREEK CAPITAL LETTER DEI	GREEK SMALL LETTER DEI
0401	CYRILLIC CAPITAL LETTER IO	CYRILLIC SMALL LETTER IO
0402	CYRILLIC CAPITAL LETTER DJE	CYRILLIC SMALL LETTER DJE
0403	CYRILLIC CAPITAL LETTER GJE	CYRILLIC SMALL LETTER GJE
0404	CYRILLIC CAPITAL LETTER E	CYRILLIC SMALL LETTER E
0405	CYRILLIC CAPITAL LETTER DZE	CYRILLIC SMALL LETTER DZE
0406	CYRILLIC CAPITAL LETTER I	CYRILLIC SMALL LETTER I
0407	CYRILLIC CAPITAL LETTER YI	CYRILLIC SMALL LETTER YI
0408	CYRILLIC CAPITAL LETTER JE	CYRILLIC SMALL LETTER JE
0409	CYRILLIC CAPITAL LETTER LJE	CYRILLIC SMALL LETTER LJE
040A	CYRILLIC CAPITAL LETTER NJE	CYRILLIC SMALL LETTER NJE
040B	CYRILLIC CAPITAL LETTER TSHE	CYRILLIC SMALL LETTER TSHE
040C	CYRILLIC CAPITAL LETTER KJE	CYRILLIC SMALL LETTER KJE
040E	CYRILLIC CAPITAL LETTER SHORT U	CYRILLIC SMALL LETTER SHORT U
040F	CYRILLIC CAPITAL LETTER DZHE	CYRILLIC SMALL LETTER DZHE

UNIC	Upper-case Unicode character name	UNIC	Lower-case Unicode character name
0410	CYRILLIC CAPITAL LETTER A	0430	CYRILLIC SMALL LETTER A
0411	CYRILLIC CAPITAL LETTER BE	0431	CYRILLIC SMALL LETTER BE
0412	CYRILLIC CAPITAL LETTER VE	0432	CYRILLIC SMALL LETTER VE
0413	CYRILLIC CAPITAL LETTER GE	0433	CYRILLIC SMALL LETTER GE
0414	CYRILLIC CAPITAL LETTER DE	0434	CYRILLIC SMALL LETTER DE
0415	CYRILLIC CAPITAL LETTER IE	0435	CYRILLIC SMALL LETTER IE
0416	CYRILLIC CAPITAL LETTER ZHE	0436	CYRILLIC SMALL LETTER ZHE
0417	CYRILLIC CAPITAL LETTER ZE	0437	CYRILLIC SMALL LETTER ZE
0418	CYRILLIC CAPITAL LETTER II	0438	CYRILLIC SMALL LETTER II
0419	CYRILLIC CAPITAL LETTER SHORT II	0439	CYRILLIC SMALL LETTER SHORT II
041A	CYRILLIC CAPITAL LETTER KA	043A	CYRILLIC SMALL LETTER KA
041B	CYRILLIC CAPITAL LETTER EL	043B	CYRILLIC SMALL LETTER EL
041C	CYRILLIC CAPITAL LETTER EM	043C	CYRILLIC SMALL LETTER EM
041D	CYRILLIC CAPITAL LETTER EN	043D	CYRILLIC SMALL LETTER EN
041E	CYRILLIC CAPITAL LETTER O	043E	CYRILLIC SMALL LETTER O
041F	CYRILLIC CAPITAL LETTER PE	043F	CYRILLIC SMALL LETTER PE
0420	CYRILLIC CAPITAL LETTER ER	0440	CYRILLIC SMALL LETTER ER
0421	CYRILLIC CAPITAL LETTER ES	0441	CYRILLIC SMALL LETTER ES
0422	CYRILLIC CAPITAL LETTER TE	0442	CYRILLIC SMALL LETTER TE
0423	CYRILLIC CAPITAL LETTER U	0443	CYRILLIC SMALL LETTER U
0424	CYRILLIC CAPITAL LETTER EF	0444	CYRILLIC SMALL LETTER EF
0425	CYRILLIC CAPITAL LETTER KHA	0445	CYRILLIC SMALL LETTER KHA
0426	CYRILLIC CAPITAL LETTER TSE	0446	CYRILLIC SMALL LETTER TSE
0427	CYRILLIC CAPITAL LETTER CHE	0447	CYRILLIC SMALL LETTER CHE
0428	CYRILLIC CAPITAL LETTER SHA	0448	CYRILLIC SMALL LETTER SHA
0429	CYRILLIC CAPITAL LETTER SHCHA	0449	CYRILLIC SMALL LETTER SHCHA
042A	CYRILLIC CAPITAL LETTER HARD SIGN	044A	CYRILLIC SMALL LETTER HARD SIGN
042B	CYRILLIC CAPITAL LETTER YERI	044B	CYRILLIC SMALL LETTER YERI
042C	CYRILLIC CAPITAL LETTER SOFT SIGN	044C	CYRILLIC SMALL LETTER SOFT SIGN
042D	CYRILLIC CAPITAL LETTER REVERSED E	044D	CYRILLIC SMALL LETTER REVERSED E
042E	CYRILLIC CAPITAL LETTER IU	044E	CYRILLIC SMALL LETTER IU
042F	CYRILLIC CAPITAL LETTER IA	044F	CYRILLIC SMALL LETTER IA
0460	CYRILLIC CAPITAL LETTER OMEGA	0461	CYRILLIC SMALL LETTER OMEGA
0462	CYRILLIC CAPITAL LETTER YAT	0463	CYRILLIC SMALL LETTER YAT
0464	CYRILLIC CAPITAL LETTER IOTIFIED E	0465	CYRILLIC SMALL LETTER IOTIFIED E
0466	CYRILLIC CAPITAL LETTER LITTLE YUS	0467	CYRILLIC SMALL LETTER LITTLE YUS
0468	CYRILLIC CAPITAL LETTER IOTIFIED LITTLE YUS	0469	CYRILLIC SMALL LETTER IOTIFIED LITTLE YUS
046A	CYRILLIC CAPITAL LETTER BIG YUS	046B	CYRILLIC SMALL LETTER BIG YUS
046C	CYRILLIC CAPITAL LETTER IOTIFIED BIG YUS	046D	CYRILLIC SMALL LETTER IOTIFIED BIG YUS
046E	CYRILLIC CAPITAL LETTER KSI	046F	CYRILLIC SMALL LETTER KSI

UNIC	Upper-case Unicode character name	Lower-case Unicode character name	UNIC	Lower-case Unicode character name
0470	CYRILLIC CAPITAL LETTER PSI	CYRILLIC SMALL LETTER PSI	0471	CYRILLIC SMALL LETTER PSI
0472	CYRILLIC CAPITAL LETTER FITA	CYRILLIC SMALL LETTER FITA	0473	CYRILLIC SMALL LETTER FITA
0474	CYRILLIC CAPITAL LETTER IZHITSA	CYRILLIC SMALL LETTER IZHITSA	0475	CYRILLIC SMALL LETTER IZHITSA
0476	CYRILLIC CAPITAL LETTER IZHITSA DOUBLE GRAVE	CYRILLIC SMALL LETTER IZHITSA DOUBLE GRAVE	0477	CYRILLIC SMALL LETTER IZHITSA DOUBLE GRAVE
0478	CYRILLIC CAPITAL LETTER UK DIGRAPH	CYRILLIC SMALL LETTER UK DIGRAPH	0479	CYRILLIC SMALL LETTER UK DIGRAPH
047A	CYRILLIC CAPITAL LETTER ROUND OMEGA	CYRILLIC SMALL LETTER ROUND OMEGA	047B	CYRILLIC SMALL LETTER ROUND OMEGA
047C	CYRILLIC CAPITAL LETTER OMEGA TITLO	CYRILLIC SMALL LETTER OMEGA TITLO	047D	CYRILLIC SMALL LETTER OMEGA TITLO
047E	CYRILLIC CAPITAL LETTER OT	CYRILLIC SMALL LETTER OT	047F	CYRILLIC SMALL LETTER OT
0480	CYRILLIC CAPITAL LETTER KOPPA	CYRILLIC SMALL LETTER KOPPA	0481	CYRILLIC SMALL LETTER KOPPA
0490	CYRILLIC CAPITAL LETTER GE WITH UPTURN	CYRILLIC SMALL LETTER GE WITH UPTURN	0491	CYRILLIC SMALL LETTER GE WITH UPTURN
0492	CYRILLIC CAPITAL LETTER GE BAR	CYRILLIC SMALL LETTER GE BAR	0493	CYRILLIC SMALL LETTER GE BAR
0494	CYRILLIC CAPITAL LETTER GE HOOK	CYRILLIC SMALL LETTER GE HOOK	0495	CYRILLIC SMALL LETTER GE HOOK
0496	CYRILLIC CAPITAL LETTER ZHE WITH RIGHT DESCENDER	CYRILLIC SMALL LETTER ZHE WITH RIGHT DESCENDER	0497	CYRILLIC SMALL LETTER ZHE WITH RIGHT DESCENDER
0498	CYRILLIC CAPITAL LETTER ZE CEDILLA	CYRILLIC SMALL LETTER ZE CEDILLA	0499	CYRILLIC SMALL LETTER ZE CEDILLA
049A	CYRILLIC CAPITAL LETTER KA WITH RIGHT DESCENDER	CYRILLIC SMALL LETTER KA WITH RIGHT DESCENDER	049B	CYRILLIC SMALL LETTER KA WITH RIGHT DESCENDER
049C	CYRILLIC CAPITAL LETTER KA VERTICAL BAR	CYRILLIC SMALL LETTER KA VERTICAL BAR	049D	CYRILLIC SMALL LETTER KA VERTICAL BAR
049E	CYRILLIC CAPITAL LETTER KA BAR	CYRILLIC SMALL LETTER KA BAR	049F	CYRILLIC SMALL LETTER KA BAR
04A0	CYRILLIC CAPITAL LETTER REVERSED GE KA	CYRILLIC SMALL LETTER REVERSED GE KA	04A1	CYRILLIC SMALL LETTER REVERSED GE KA
04A2	CYRILLIC CAPITAL LETTER EN WITH RIGHT DESCENDER	CYRILLIC SMALL LETTER EN WITH RIGHT DESCENDER	04A3	CYRILLIC SMALL LETTER EN WITH RIGHT DESCENDER
04A4	CYRILLIC CAPITAL LETTER EN GE	CYRILLIC SMALL LETTER EN GE	04A5	CYRILLIC SMALL LETTER EN GE
04A6	CYRILLIC CAPITAL LETTER PE HOOK	CYRILLIC SMALL LETTER PE HOOK	04A7	CYRILLIC SMALL LETTER PE HOOK
04A8	CYRILLIC CAPITAL LETTER O HOOK	CYRILLIC SMALL LETTER O HOOK	04A9	CYRILLIC SMALL LETTER O HOOK
04AA	CYRILLIC CAPITAL LETTER ES CEDILLA	CYRILLIC SMALL LETTER ES CEDILLA	04AB	CYRILLIC SMALL LETTER ES CEDILLA
04AC	CYRILLIC CAPITAL LETTER TE WITH RIGHT DESCENDER	CYRILLIC SMALL LETTER TE WITH RIGHT DESCENDER	04AD	CYRILLIC SMALL LETTER TE WITH RIGHT DESCENDER
04AE	CYRILLIC CAPITAL LETTER STRAIGHT U	CYRILLIC SMALL LETTER STRAIGHT U	04AF	CYRILLIC SMALL LETTER STRAIGHT U
04B0	CYRILLIC CAPITAL LETTER STRAIGHT U BAR	CYRILLIC SMALL LETTER STRAIGHT U BAR	04B1	CYRILLIC SMALL LETTER STRAIGHT U BAR
04B2	CYRILLIC CAPITAL LETTER KHA WITH RIGHT DESCENDER	CYRILLIC SMALL LETTER KHA WITH RIGHT DESCENDER	04B3	CYRILLIC SMALL LETTER KHA WITH RIGHT DESCENDER
04B4	CYRILLIC CAPITAL LETTER TE TSE	CYRILLIC SMALL LETTER TE TSE	04B5	CYRILLIC SMALL LETTER TE TSE
04B6	CYRILLIC CAPITAL LETTER CHE WITH RIGHT DESCENDER	CYRILLIC SMALL LETTER CHE WITH RIGHT DESCENDER	04B7	CYRILLIC SMALL LETTER CHE WITH RIGHT DESCENDER
04B8	CYRILLIC CAPITAL LETTER CHE VERTICAL BAR	CYRILLIC SMALL LETTER CHE VERTICAL BAR	04B9	CYRILLIC SMALL LETTER CHE VERTICAL BAR
04BA	CYRILLIC CAPITAL LETTER H	CYRILLIC SMALL LETTER H	04BB	CYRILLIC SMALL LETTER H
04BC	CYRILLIC CAPITAL LETTER IE HOOK	CYRILLIC SMALL LETTER IE HOOK	04BD	CYRILLIC SMALL LETTER IE HOOK
04BE	CYRILLIC CAPITAL LETTER IE HOOK OGONEK	CYRILLIC SMALL LETTER IE HOOK OGONEK	04BF	CYRILLIC SMALL LETTER IE HOOK OGONEK
04C1	CYRILLIC CAPITAL LETTER SHORT ZHE	CYRILLIC SMALL LETTER SHORT ZHE	04C2	CYRILLIC SMALL LETTER SHORT ZHE
04C3	CYRILLIC CAPITAL LETTER KA HOOK	CYRILLIC SMALL LETTER KA HOOK	04C4	CYRILLIC SMALL LETTER KA HOOK
04C5	CYRILLIC CAPITAL LETTER KA OGONEK	CYRILLIC SMALL LETTER KA OGONEK	04C6	CYRILLIC SMALL LETTER KA OGONEK
04C7	CYRILLIC CAPITAL LETTER EN HOOK	CYRILLIC SMALL LETTER EN HOOK	04C8	CYRILLIC SMALL LETTER EN HOOK
04C9	CYRILLIC CAPITAL LETTER KHA OGONEK	CYRILLIC SMALL LETTER KHA OGONEK	04CA	CYRILLIC SMALL LETTER KHA OGONEK
04CB	CYRILLIC CAPITAL LETTER CHE WITH LEFT DESCENDER	CYRILLIC SMALL LETTER CHE WITH LEFT DESCENDER	04CC	CYRILLIC SMALL LETTER CHE WITH LEFT DESCENDER
0531	ARMENIAN CAPITAL LETTER AYB	ARMENIAN SMALL LETTER AYB	0561	ARMENIAN SMALL LETTER AYB

UNIC	Upper-case Unicode character name	UNIC	Lower-case Unicode character name
0532	ARMENIAN CAPITAL LETTER BEN	0562	ARMENIAN SMALL LETTER BEN
0533	ARMENIAN CAPITAL LETTER GIM	0563	ARMENIAN SMALL LETTER GIM
0534	ARMENIAN CAPITAL LETTER DA	0564	ARMENIAN SMALL LETTER DA
0535	ARMENIAN CAPITAL LETTER ECH	0565	ARMENIAN SMALL LETTER ECH
0536	ARMENIAN CAPITAL LETTER ZA	0566	ARMENIAN SMALL LETTER ZA
0537	ARMENIAN CAPITAL LETTER EH	0567	ARMENIAN SMALL LETTER EH
0538	ARMENIAN CAPITAL LETTER ET	0568	ARMENIAN SMALL LETTER ET
0539	ARMENIAN CAPITAL LETTER TO	0569	ARMENIAN SMALL LETTER TO
053A	ARMENIAN CAPITAL LETTER ZHE	056A	ARMENIAN SMALL LETTER ZHE
053B	ARMENIAN CAPITAL LETTER INI	056B	ARMENIAN SMALL LETTER INI
053C	ARMENIAN CAPITAL LETTER LIWN	056C	ARMENIAN SMALL LETTER LIWN
053D	ARMENIAN CAPITAL LETTER XEH	056D	ARMENIAN SMALL LETTER XEH
053E	ARMENIAN CAPITAL LETTER CA	056E	ARMENIAN SMALL LETTER CA
053F	ARMENIAN CAPITAL LETTER KEN	056F	ARMENIAN SMALL LETTER KEN
0540	ARMENIAN CAPITAL LETTER HO	0570	ARMENIAN SMALL LETTER HO
0541	ARMENIAN CAPITAL LETTER JA	0571	ARMENIAN SMALL LETTER JA
0542	ARMENIAN CAPITAL LETTER LAD	0572	ARMENIAN SMALL LETTER LAD
0543	ARMENIAN CAPITAL LETTER CHEH	0573	ARMENIAN SMALL LETTER CHEH
0544	ARMENIAN CAPITAL LETTER MEN	0574	ARMENIAN SMALL LETTER MEN
0545	ARMENIAN CAPITAL LETTER YI	0575	ARMENIAN SMALL LETTER YI
0546	ARMENIAN CAPITAL LETTER NOW	0576	ARMENIAN SMALL LETTER NOW
0547	ARMENIAN CAPITAL LETTER SHA	0577	ARMENIAN SMALL LETTER SHA
0548	ARMENIAN CAPITAL LETTER VO	0578	ARMENIAN SMALL LETTER VO
0549	ARMENIAN CAPITAL LETTER CHA	0579	ARMENIAN SMALL LETTER CHA
054A	ARMENIAN CAPITAL LETTER PEH	057A	ARMENIAN SMALL LETTER PEH
054B	ARMENIAN CAPITAL LETTER JHEH	057B	ARMENIAN SMALL LETTER JHEH
054C	ARMENIAN CAPITAL LETTER RA	057C	ARMENIAN SMALL LETTER RA
054D	ARMENIAN CAPITAL LETTER SEH	057D	ARMENIAN SMALL LETTER SEH
054E	ARMENIAN CAPITAL LETTER VEW	057E	ARMENIAN SMALL LETTER VEW
054F	ARMENIAN CAPITAL LETTER TIWN	057F	ARMENIAN SMALL LETTER TIWN
0550	ARMENIAN CAPITAL LETTER REH	0580	ARMENIAN SMALL LETTER REH
0551	ARMENIAN CAPITAL LETTER CO	0581	ARMENIAN SMALL LETTER CO
0552	ARMENIAN CAPITAL LETTER YIWN	0582	ARMENIAN SMALL LETTER YIWN
0553	ARMENIAN CAPITAL LETTER PIWR	0583	ARMENIAN SMALL LETTER PIWR
0554	ARMENIAN CAPITAL LETTER KEH	0584	ARMENIAN SMALL LETTER KEH
0555	ARMENIAN CAPITAL LETTER OH	0585	ARMENIAN SMALL LETTER OH
0556	ARMENIAN CAPITAL LETTER FEH	0586	ARMENIAN SMALL LETTER FEH
10A0	GEORGIAN CAPITAL LETTER AN	10D0	GEORGIAN SMALL LETTER AN
10A1	GEORGIAN CAPITAL LETTER BAN	10D1	GEORGIAN SMALL LETTER BAN
10A2	GEORGIAN CAPITAL LETTER GAN	10D2	GEORGIAN SMALL LETTER GAN

UNIC	Lower-case Unicode character name
10D3	GEORGIAN SMALL LETTER DON
10D4	GEORGIAN SMALL LETTER EN
10D5	GEORGIAN SMALL LETTER VIN
10D6	GEORGIAN SMALL LETTER ZEN
10D7	GEORGIAN SMALL LETTER TAN
10D8	GEORGIAN SMALL LETTER IN
10D9	GEORGIAN SMALL LETTER KAN
10DA	GEORGIAN SMALL LETTER LAS
10DB	GEORGIAN SMALL LETTER MAN
10DC	GEORGIAN SMALL LETTER NAR
10DD	GEORGIAN SMALL LETTER ON
10DE	GEORGIAN SMALL LETTER PAR
10DF	GEORGIAN SMALL LETTER ZHAR
10E0	GEORGIAN SMALL LETTER RAE
10E1	GEORGIAN SMALL LETTER SAN
10E2	GEORGIAN SMALL LETTER TAR
10E3	GEORGIAN SMALL LETTER UN
10E4	GEORGIAN SMALL LETTER PHAR
10E5	GEORGIAN SMALL LETTER KHAR
10E6	GEORGIAN SMALL LETTER GHAN
10E7	GEORGIAN SMALL LETTER QAR
10E8	GEORGIAN SMALL LETTER SHIN
10E9	GEORGIAN SMALL LETTER CHIN
10EA	GEORGIAN SMALL LETTER CAN
10EB	GEORGIAN SMALL LETTER JIL
10EC	GEORGIAN SMALL LETTER CIL
10ED	GEORGIAN SMALL LETTER CHAR
10EE	GEORGIAN SMALL LETTER XAN
10EF	GEORGIAN SMALL LETTER JHAN
10F0	GEORGIAN SMALL LETTER HAE
10F1	GEORGIAN SMALL LETTER HE
10F2	GEORGIAN SMALL LETTER HIE
10F3	GEORGIAN SMALL LETTER WE
10F4	GEORGIAN SMALL LETTER HAR
10F5	GEORGIAN SMALL LETTER HOE
24D0	CIRCLED LATIN SMALL LETTER A
24D1	CIRCLED LATIN SMALL LETTER B
24D2	CIRCLED LATIN SMALL LETTER C
24D3	CIRCLED LATIN SMALL LETTER D
24D4	CIRCLED LATIN SMALL LETTER E

UNIC	Upper-case Unicode character name
10A3	GEORGIAN CAPITAL LETTER DON
10A4	GEORGIAN CAPITAL LETTER EN
10A5	GEORGIAN CAPITAL LETTER VIN
10A6	GEORGIAN CAPITAL LETTER ZEN
10A7	GEORGIAN CAPITAL LETTER TAN
10A8	GEORGIAN CAPITAL LETTER IN
10A9	GEORGIAN CAPITAL LETTER KAN
10AA	GEORGIAN CAPITAL LETTER LAS
10AB	GEORGIAN CAPITAL LETTER MAN
10AC	GEORGIAN CAPITAL LETTER NAR
10AD	GEORGIAN CAPITAL LETTER ON
10AE	GEORGIAN CAPITAL LETTER PAR
10AF	GEORGIAN CAPITAL LETTER ZHAR
10B0	GEORGIAN CAPITAL LETTER RAE
10B1	GEORGIAN CAPITAL LETTER SAN
10B2	GEORGIAN CAPITAL LETTER TAR
10B3	GEORGIAN CAPITAL LETTER UN
10B4	GEORGIAN CAPITAL LETTER PHAR
10B5	GEORGIAN CAPITAL LETTER KHAR
10B6	GEORGIAN CAPITAL LETTER GHAN
10B7	GEORGIAN CAPITAL LETTER QAR
10B8	GEORGIAN CAPITAL LETTER SHIN
10B9	GEORGIAN CAPITAL LETTER CHIN
10BA	GEORGIAN CAPITAL LETTER CAN
10BB	GEORGIAN CAPITAL LETTER JIL
10BC	GEORGIAN CAPITAL LETTER CIL
10BD	GEORGIAN CAPITAL LETTER CHAR
10BE	GEORGIAN CAPITAL LETTER XAN
10BF	GEORGIAN CAPITAL LETTER JHAN
10C0	GEORGIAN CAPITAL LETTER HAE
10C1	GEORGIAN CAPITAL LETTER HE
10C2	GEORGIAN CAPITAL LETTER HIE
10C3	GEORGIAN CAPITAL LETTER WE
10C4	GEORGIAN CAPITAL LETTER HAR
10C5	GEORGIAN CAPITAL LETTER HOE
24B6	CIRCLED LATIN CAPITAL LETTER A
24B7	CIRCLED LATIN CAPITAL LETTER B
24B8	CIRCLED LATIN CAPITAL LETTER C
24B9	CIRCLED LATIN CAPITAL LETTER D
24BA	CIRCLED LATIN CAPITAL LETTER E



UNIC	Upper-case Unicode character name	UNIC	Lower-case Unicode character name
24BB	CIRCLED LATIN CAPITAL LETTER F	24D5	CIRCLED LATIN SMALL LETTER F
24BC	CIRCLED LATIN CAPITAL LETTER G	24D6	CIRCLED LATIN SMALL LETTER G
24BD	CIRCLED LATIN CAPITAL LETTER H	24D7	CIRCLED LATIN SMALL LETTER H
24BE	CIRCLED LATIN CAPITAL LETTER I	24D8	CIRCLED LATIN SMALL LETTER I
24BF	CIRCLED LATIN CAPITAL LETTER J	24D9	CIRCLED LATIN SMALL LETTER J
24C0	CIRCLED LATIN CAPITAL LETTER K	24DA	CIRCLED LATIN SMALL LETTER K
24C1	CIRCLED LATIN CAPITAL LETTER L	24DB	CIRCLED LATIN SMALL LETTER L
24C2	CIRCLED LATIN CAPITAL LETTER M	24DC	CIRCLED LATIN SMALL LETTER M
24C3	CIRCLED LATIN CAPITAL LETTER N	24DD	CIRCLED LATIN SMALL LETTER N
24C4	CIRCLED LATIN CAPITAL LETTER O	24DE	CIRCLED LATIN SMALL LETTER O
24C5	CIRCLED LATIN CAPITAL LETTER P	24DF	CIRCLED LATIN SMALL LETTER P
24C6	CIRCLED LATIN CAPITAL LETTER Q	24E0	CIRCLED LATIN SMALL LETTER Q
24C7	CIRCLED LATIN CAPITAL LETTER R	24E1	CIRCLED LATIN SMALL LETTER R
24C8	CIRCLED LATIN CAPITAL LETTER S	24E2	CIRCLED LATIN SMALL LETTER S
24C9	CIRCLED LATIN CAPITAL LETTER T	24E3	CIRCLED LATIN SMALL LETTER T
24CA	CIRCLED LATIN CAPITAL LETTER U	24E4	CIRCLED LATIN SMALL LETTER U
24CB	CIRCLED LATIN CAPITAL LETTER V	24E5	CIRCLED LATIN SMALL LETTER V
24CC	CIRCLED LATIN CAPITAL LETTER W	24E6	CIRCLED LATIN SMALL LETTER W
24CD	CIRCLED LATIN CAPITAL LETTER X	24E7	CIRCLED LATIN SMALL LETTER X
24CE	CIRCLED LATIN CAPITAL LETTER Y	24E8	CIRCLED LATIN SMALL LETTER Y
24CF	CIRCLED LATIN CAPITAL LETTER Z	24E9	CIRCLED LATIN SMALL LETTER Z
FF21	FULLWIDTH LATIN CAPITAL LETTER A	FF41	FULLWIDTH LATIN SMALL LETTER A
FF22	FULLWIDTH LATIN CAPITAL LETTER B	FF42	FULLWIDTH LATIN SMALL LETTER B
FF23	FULLWIDTH LATIN CAPITAL LETTER C	FF43	FULLWIDTH LATIN SMALL LETTER C
FF24	FULLWIDTH LATIN CAPITAL LETTER D	FF44	FULLWIDTH LATIN SMALL LETTER D
FF25	FULLWIDTH LATIN CAPITAL LETTER E	FF45	FULLWIDTH LATIN SMALL LETTER E
FF26	FULLWIDTH LATIN CAPITAL LETTER F	FF46	FULLWIDTH LATIN SMALL LETTER F
FF27	FULLWIDTH LATIN CAPITAL LETTER G	FF47	FULLWIDTH LATIN SMALL LETTER G
FF28	FULLWIDTH LATIN CAPITAL LETTER H	FF48	FULLWIDTH LATIN SMALL LETTER H
FF29	FULLWIDTH LATIN CAPITAL LETTER I	FF49	FULLWIDTH LATIN SMALL LETTER I
FF2A	FULLWIDTH LATIN CAPITAL LETTER J	FF4A	FULLWIDTH LATIN SMALL LETTER J
FF2B	FULLWIDTH LATIN CAPITAL LETTER K	FF4B	FULLWIDTH LATIN SMALL LETTER K
FF2C	FULLWIDTH LATIN CAPITAL LETTER L	FF4C	FULLWIDTH LATIN SMALL LETTER L
FF2D	FULLWIDTH LATIN CAPITAL LETTER M	FF4D	FULLWIDTH LATIN SMALL LETTER M
FF2E	FULLWIDTH LATIN CAPITAL LETTER N	FF4E	FULLWIDTH LATIN SMALL LETTER N
FF2F	FULLWIDTH LATIN CAPITAL LETTER O	FF4F	FULLWIDTH LATIN SMALL LETTER O
FF30	FULLWIDTH LATIN CAPITAL LETTER P	FF50	FULLWIDTH LATIN SMALL LETTER P
FF31	FULLWIDTH LATIN CAPITAL LETTER Q	FF51	FULLWIDTH LATIN SMALL LETTER Q
FF32	FULLWIDTH LATIN CAPITAL LETTER R	FF52	FULLWIDTH LATIN SMALL LETTER R
FF33	FULLWIDTH LATIN CAPITAL LETTER S	FF53	FULLWIDTH LATIN SMALL LETTER S

UNIC	Upper-case Unicode character name	UNIC	Lower-case Unicode character name
FF34	FULLWIDTH LATIN CAPITAL LETTER T	FF54	FULLWIDTH LATIN SMALL LETTER T
FF35	FULLWIDTH LATIN CAPITAL LETTER U	FF55	FULLWIDTH LATIN SMALL LETTER U
FF36	FULLWIDTH LATIN CAPITAL LETTER V	FF56	FULLWIDTH LATIN SMALL LETTER V
FF37	FULLWIDTH LATIN CAPITAL LETTER W	FF57	FULLWIDTH LATIN SMALL LETTER W
FF38	FULLWIDTH LATIN CAPITAL LETTER X	FF58	FULLWIDTH LATIN SMALL LETTER X
FF39	FULLWIDTH LATIN CAPITAL LETTER Y	FF59	FULLWIDTH LATIN SMALL LETTER Y
FF3A	FULLWIDTH LATIN CAPITAL LETTER Z	FF5A	FULLWIDTH LATIN SMALL LETTER Z
FF5F	REPLACEMENT CHARACTER		
FF60	NOTHING		
FF61	NOTHING		
FF62	NOTHING		
FF63	NOTHING		
FF64	NOTHING		
FF65	NOTHING		
FF66	NOTHING		
FF67	NOTHING		
FF68	NOTHING		
FF69	NOTHING		
FF6A	NOTHING		
FF6B	NOTHING		
FF6C	NOTHING		
FF6D	NOTHING		
FF6E	NOTHING		
FF6F	NOTHING		
FF70	NOTHING		
FF71	NOTHING		
FF72	NOTHING		
FF73	NOTHING		
FF74	NOTHING		
FF75	NOTHING		
FF76	NOTHING		
FF77	NOTHING		
FF78	NOTHING		
FF79	NOTHING		
FF7A	NOTHING		
FF7B	NOTHING		
FF7C	NOTHING		
FF7D	NOTHING		
FF7E	NOTHING		
FF7F	NOTHING		
FF80	NOTHING		
FF81	NOTHING		
FF82	NOTHING		
FF83	NOTHING		
FF84	NOTHING		
FF85	NOTHING		
FF86	NOTHING		
FF87	NOTHING		
FF88	NOTHING		
FF89	NOTHING		
FF8A	NOTHING		
FF8B	NOTHING		
FF8C	NOTHING		
FF8D	NOTHING		
FF8E	NOTHING		
FF8F	NOTHING		
FF90	NOTHING		
FF91	NOTHING		
FF92	NOTHING		
FF93	NOTHING		
FF94	NOTHING		
FF95	NOTHING		
FF96	NOTHING		
FF97	NOTHING		
FF98	NOTHING		
FF99	NOTHING		
FF9A	NOTHING		
FF9B	NOTHING		
FF9C	NOTHING		
FF9D	NOTHING		
FF9E	NOTHING		
FF9F	NOTHING		
FFA0	NOTHING		
FFA1	NOTHING		
FFA2	NOTHING		
FFA3	NOTHING		
FFA4	NOTHING		
FFA5	NOTHING		
FFA6	NOTHING		
FFA7	NOTHING		
FFA8	NOTHING		
FFA9	NOTHING		
FFAA	NOTHING		
FFAB	NOTHING		
FFAC	NOTHING		
FFAD	NOTHING		
FFAE	NOTHING		
FFAF	NOTHING		
FFB0	NOTHING		
FFB1	NOTHING		
FFB2	NOTHING		
FFB3	NOTHING		
FFB4	NOTHING		
FFB5	NOTHING		
FFB6	NOTHING		
FFB7	NOTHING		
FFB8	NOTHING		
FFB9	NOTHING		
FFBA	NOTHING		
FFBB	NOTHING		
FFBC	NOTHING		
FFBD	NOTHING		
FFBE	NOTHING		
FFBF	NOTHING		
FFC0	NOTHING		
FFC1	NOTHING		
FFC2	NOTHING		
FFC3	NOTHING		
FFC4	NOTHING		
FFC5	NOTHING		
FFC6	NOTHING		
FFC7	NOTHING		
FFC8	NOTHING		
FFC9	NOTHING		
FFCA	NOTHING		
FFCB	NOTHING		
FFCC	NOTHING		
FFCD	NOTHING		
FFCE	NOTHING		
FFCF	NOTHING		
FFD0	NOTHING		
FFD1	NOTHING		
FFD2	NOTHING		
FFD3	NOTHING		
FFD4	NOTHING		
FFD5	NOTHING		
FFD6	NOTHING		
FFD7	NOTHING		
FFD8	NOTHING		
FFD9	NOTHING		
FFDA	NOTHING		
FFDB	NOTHING		
FFDC	NOTHING		
FFDD	NOTHING		
FFDE	NOTHING		
FFDF	NOTHING		
FFE0	NOTHING		
FFE1	NOTHING		
FFE2	NOTHING		
FFE3	NOTHING		
FFE4	NOTHING		
FFE5	NOTHING		
FFE6	NOTHING		
FFE7	NOTHING		
FFE8	NOTHING		
FFE9	NOTHING		
FFEA	NOTHING		
FFEB	NOTHING		
FFEC	NOTHING		
FFED	NOTHING		
FFEE	NOTHING		
FFEF	NOTHING		
FFF0	NOTHING		
FFF1	NOTHING		
FFF2	NOTHING		
FFF3	NOTHING		
FFF4	NOTHING		
FFF5	NOTHING		
FFF6	NOTHING		
FFF7	NOTHING		
FFF8	NOTHING		
FFF9	NOTHING		
FFFA	NOTHING		
FFFB	NOTHING		
FFFC	NOTHING		
FFFD	NOTHING		
FFFE	NOTHING		
FFFF	NOTHING		

### Unicode Lower-Case to Upper-Case Character Mapping

UNIC	Lower-case Unicode character name
0061	LATIN SMALL LETTER A
0062	LATIN SMALL LETTER B
0063	LATIN SMALL LETTER C
0064	LATIN SMALL LETTER D
0065	LATIN SMALL LETTER E
0066	LATIN SMALL LETTER F
0067	LATIN SMALL LETTER G
0068	LATIN SMALL LETTER H
0069	LATIN SMALL LETTER I
0069	LATIN SMALL LETTER I
006A	LATIN SMALL LETTER J
006B	LATIN SMALL LETTER K
006C	LATIN SMALL LETTER L
006D	LATIN SMALL LETTER M
006E	LATIN SMALL LETTER N
006F	LATIN SMALL LETTER O
0070	LATIN SMALL LETTER P
0071	LATIN SMALL LETTER Q
0072	LATIN SMALL LETTER R
0073	LATIN SMALL LETTER S
0074	LATIN SMALL LETTER T
0075	LATIN SMALL LETTER U
0076	LATIN SMALL LETTER V
0077	LATIN SMALL LETTER W
0078	LATIN SMALL LETTER X
0079	LATIN SMALL LETTER Y
007A	LATIN SMALL LETTER Z
00DF	LATIN SMALL LETTER SHARP S
00E0	LATIN SMALL LETTER A GRAVE
00E1	LATIN SMALL LETTER A ACUTE
00E2	LATIN SMALL LETTER A CIRCUMFLEX
00E3	LATIN SMALL LETTER A TILDE
00E4	LATIN SMALL LETTER A DIAERESIS
00E5	LATIN SMALL LETTER A RING
00E6	LATIN SMALL LETTER A E
00E7	LATIN SMALL LETTER C CEDILLA
00E8	LATIN SMALL LETTER E GRAVE
00E9	LATIN SMALL LETTER E ACUTE

UNIC	Upper-case Unicode character name
0041	LATIN CAPITAL LETTER A
0042	LATIN CAPITAL LETTER B
0043	LATIN CAPITAL LETTER C
0044	LATIN CAPITAL LETTER D
0045	LATIN CAPITAL LETTER E
0046	LATIN CAPITAL LETTER F
0047	LATIN CAPITAL LETTER G
0048	LATIN CAPITAL LETTER H
0049	LATIN CAPITAL LETTER I
0130	LATIN CAPITAL LETTER I DOT
004A	LATIN CAPITAL LETTER J
004B	LATIN CAPITAL LETTER K
004C	LATIN CAPITAL LETTER L
004D	LATIN CAPITAL LETTER M
004E	LATIN CAPITAL LETTER N
004F	LATIN CAPITAL LETTER O
0050	LATIN CAPITAL LETTER P
0051	LATIN CAPITAL LETTER Q
0052	LATIN CAPITAL LETTER R
0053	LATIN CAPITAL LETTER S
0054	LATIN CAPITAL LETTER T
0055	LATIN CAPITAL LETTER U
0056	LATIN CAPITAL LETTER V
0057	LATIN CAPITAL LETTER W
0058	LATIN CAPITAL LETTER X
0059	LATIN CAPITAL LETTER Y
005A	LATIN CAPITAL LETTER Z
0053 + 0053	LATIN CAPITAL LETTER S + LATIN CAPITAL LETTER S
00C0	LATIN CAPITAL LETTER A GRAVE
00C1	LATIN CAPITAL LETTER A ACUTE
00C2	LATIN CAPITAL LETTER A CIRCUMFLEX
00C3	LATIN CAPITAL LETTER A TILDE
00C4	LATIN CAPITAL LETTER A DIAERESIS
00C5	LATIN CAPITAL LETTER A RING
00C6	LATIN CAPITAL LETTER A E
00C7	LATIN CAPITAL LETTER C CEDILLA
00C8	LATIN CAPITAL LETTER E GRAVE
00C9	LATIN CAPITAL LETTER E ACUTE

UNIC	Lower-case Unicode character name	UNIC	Upper-case Unicode character name
00EA	LATIN SMALL LETTER E CIRCUMFLEX	00CA	LATIN CAPITAL LETTER E CIRCUMFLEX
00EB	LATIN SMALL LETTER E DIAERESIS	00CB	LATIN CAPITAL LETTER E DIAERESIS
00EC	LATIN SMALL LETTER I GRAVE	00CC	LATIN CAPITAL LETTER I GRAVE
00ED	LATIN SMALL LETTER I ACUTE	00CD	LATIN CAPITAL LETTER I ACUTE
00EE	LATIN SMALL LETTER I CIRCUMFLEX	00CE	LATIN CAPITAL LETTER I CIRCUMFLEX
00EF	LATIN SMALL LETTER I DIAERESIS	00CF	LATIN CAPITAL LETTER I DIAERESIS
00F0	LATIN SMALL LETTER ETH	00D0	LATIN CAPITAL LETTER ETH
00F1	LATIN SMALL LETTER N TILDE	00D1	LATIN CAPITAL LETTER N TILDE
00F2	LATIN SMALL LETTER O GRAVE	00D2	LATIN CAPITAL LETTER O GRAVE
00F3	LATIN SMALL LETTER O ACUTE	00D3	LATIN CAPITAL LETTER O ACUTE
00F4	LATIN SMALL LETTER O CIRCUMFLEX	00D4	LATIN CAPITAL LETTER O CIRCUMFLEX
00F5	LATIN SMALL LETTER O TILDE	00D5	LATIN CAPITAL LETTER O TILDE
00F6	LATIN SMALL LETTER O DIAERESIS	00D6	LATIN CAPITAL LETTER O DIAERESIS
00F8	LATIN SMALL LETTER O SLASH	00D8	LATIN CAPITAL LETTER O SLASH
00F9	LATIN SMALL LETTER U GRAVE	00D9	LATIN CAPITAL LETTER U GRAVE
00FA	LATIN SMALL LETTER U ACUTE	00DA	LATIN CAPITAL LETTER U ACUTE
00FB	LATIN SMALL LETTER U CIRCUMFLEX	00DB	LATIN CAPITAL LETTER U CIRCUMFLEX
00FC	LATIN SMALL LETTER U DIAERESIS	00DC	LATIN CAPITAL LETTER U DIAERESIS
00FD	LATIN SMALL LETTER Y ACUTE	00DD	LATIN CAPITAL LETTER Y ACUTE
00FE	LATIN SMALL LETTER THORN	00DE	LATIN CAPITAL LETTER THORN
00FF	LATIN SMALL LETTER Y DIAERESIS	0178	LATIN CAPITAL LETTER Y DIAERESIS
0101	LATIN SMALL LETTER A MACRON	0100	LATIN CAPITAL LETTER A MACRON
0103	LATIN SMALL LETTER A BREVE	0102	LATIN CAPITAL LETTER A BREVE
0105	LATIN SMALL LETTER A OGONEK	0104	LATIN CAPITAL LETTER A OGONEK
0107	LATIN SMALL LETTER C ACUTE	0106	LATIN CAPITAL LETTER C ACUTE
0109	LATIN SMALL LETTER C CIRCUMFLEX	0108	LATIN CAPITAL LETTER C CIRCUMFLEX
010B	LATIN SMALL LETTER C DOT	010A	LATIN CAPITAL LETTER C DOT
010D	LATIN SMALL LETTER C HACEK	010C	LATIN CAPITAL LETTER C HACEK
010F	LATIN SMALL LETTER D HACEK	010E	LATIN CAPITAL LETTER D HACEK
0111	LATIN SMALL LETTER D BAR	0110	LATIN CAPITAL LETTER D BAR
0113	LATIN SMALL LETTER E MACRON	0112	LATIN CAPITAL LETTER E MACRON
0115	LATIN SMALL LETTER E BREVE	0114	LATIN CAPITAL LETTER E BREVE
0117	LATIN SMALL LETTER E DOT	0116	LATIN CAPITAL LETTER E DOT
0119	LATIN SMALL LETTER E OGONEK	0118	LATIN CAPITAL LETTER E OGONEK
011B	LATIN SMALL LETTER E HACEK	011A	LATIN CAPITAL LETTER E HACEK
011D	LATIN SMALL LETTER G CIRCUMFLEX	011C	LATIN CAPITAL LETTER G CIRCUMFLEX
011F	LATIN SMALL LETTER G BREVE	011E	LATIN CAPITAL LETTER G BREVE
0121	LATIN SMALL LETTER G DOT	0120	LATIN CAPITAL LETTER G DOT
0123	LATIN SMALL LETTER G CEDILLA	0122	LATIN CAPITAL LETTER G CEDILLA
0125	LATIN SMALL LETTER H CIRCUMFLEX	0124	LATIN CAPITAL LETTER H CIRCUMFLEX

UNIC	Lower-case Unicode character name	UNIC	Upper-case Unicode character name
0127	LATIN SMALL LETTER H BAR	0126	LATIN CAPITAL LETTER H BAR
0129	LATIN SMALL LETTER I TILDE	0128	LATIN CAPITAL LETTER I TILDE
012B	LATIN SMALL LETTER I MACRON	012A	LATIN CAPITAL LETTER I MACRON
012D	LATIN SMALL LETTER I BREVE	012C	LATIN CAPITAL LETTER I BREVE
012F	LATIN SMALL LETTER I OGONEK	012E	LATIN CAPITAL LETTER I OGONEK
0131	LATIN SMALL LETTER DOTLESS I	0049	LATIN CAPITAL LETTER I
0133	LATIN SMALL LETTER I J	0132	LATIN CAPITAL LETTER I J
0135	LATIN SMALL LETTER J CIRCUMFLEX	0134	LATIN CAPITAL LETTER J CIRCUMFLEX
0137	LATIN SMALL LETTER K CEDILLA	0136	LATIN CAPITAL LETTER K CEDILLA
013A	LATIN SMALL LETTER L ACUTE	0139	LATIN CAPITAL LETTER L ACUTE
013C	LATIN SMALL LETTER L CEDILLA	013B	LATIN CAPITAL LETTER L CEDILLA
013E	LATIN SMALL LETTER L HACEK	013D	LATIN CAPITAL LETTER L HACEK
0140	LATIN SMALL LETTER L WITH MIDDLE DOT	013F	LATIN CAPITAL LETTER L WITH MIDDLE DOT
0142	LATIN SMALL LETTER L SLASH	0141	LATIN CAPITAL LETTER L SLASH
0144	LATIN SMALL LETTER N ACUTE	0143	LATIN CAPITAL LETTER N ACUTE
0146	LATIN SMALL LETTER N CEDILLA	0145	LATIN CAPITAL LETTER N CEDILLA
0148	LATIN SMALL LETTER N HACEK	0147	LATIN CAPITAL LETTER N HACEK
014B	LATIN SMALL LETTER ENG	014A	LATIN CAPITAL LETTER ENG
014D	LATIN SMALL LETTER O MACRON	014C	LATIN CAPITAL LETTER O MACRON
014F	LATIN SMALL LETTER O BREVE	014E	LATIN CAPITAL LETTER O BREVE
0151	LATIN SMALL LETTER O DOUBLE ACUTE	0150	LATIN CAPITAL LETTER O DOUBLE ACUTE
0153	LATIN SMALL LETTER OE	0152	LATIN CAPITAL LETTER OE
0155	LATIN SMALL LETTER R ACUTE	0154	LATIN CAPITAL LETTER R ACUTE
0157	LATIN SMALL LETTER R CEDILLA	0156	LATIN CAPITAL LETTER R CEDILLA
0159	LATIN SMALL LETTER R HACEK	0158	LATIN CAPITAL LETTER R HACEK
015B	LATIN SMALL LETTER S ACUTE	015A	LATIN CAPITAL LETTER S ACUTE
015D	LATIN SMALL LETTER S CIRCUMFLEX	015C	LATIN CAPITAL LETTER S CIRCUMFLEX
015F	LATIN SMALL LETTER S CEDILLA	015E	LATIN CAPITAL LETTER S CEDILLA
0161	LATIN SMALL LETTER S HACEK	0160	LATIN CAPITAL LETTER S HACEK
0163	LATIN SMALL LETTER T CEDILLA	0162	LATIN CAPITAL LETTER T CEDILLA
0165	LATIN SMALL LETTER T HACEK	0164	LATIN CAPITAL LETTER T HACEK
0167	LATIN SMALL LETTER T BAR	0166	LATIN CAPITAL LETTER T BAR
0169	LATIN SMALL LETTER U TILDE	0168	LATIN CAPITAL LETTER U TILDE
016B	LATIN SMALL LETTER U MACRON	016A	LATIN CAPITAL LETTER U MACRON
016D	LATIN SMALL LETTER U BREVE	016C	LATIN CAPITAL LETTER U BREVE
016F	LATIN SMALL LETTER U RING	016E	LATIN CAPITAL LETTER U RING
0171	LATIN SMALL LETTER U DOUBLE ACUTE	0170	LATIN CAPITAL LETTER U DOUBLE ACUTE
0173	LATIN SMALL LETTER U OGONEK	0172	LATIN CAPITAL LETTER U OGONEK
0175	LATIN SMALL LETTER W CIRCUMFLEX	0174	LATIN CAPITAL LETTER W CIRCUMFLEX
0177	LATIN SMALL LETTER Y CIRCUMFLEX	0176	LATIN CAPITAL LETTER Y CIRCUMFLEX

UNIC	Lower-case Unicode character name	UNIC	Upper-case Unicode character name
017A	LATIN SMALL LETTER Z ACUTE	0179	LATIN CAPITAL LETTER Z ACUTE
017C	LATIN SMALL LETTER Z DOT	017B	LATIN CAPITAL LETTER Z DOT
017E	LATIN SMALL LETTER Z HACEK	017D	LATIN CAPITAL LETTER Z HACEK
0183	LATIN SMALL LETTER B TOPBAR	0182	LATIN CAPITAL LETTER B TOPBAR
0185	LATIN SMALL LETTER TONE SIX	0184	LATIN CAPITAL LETTER TONE SIX
0188	LATIN SMALL LETTER C HOOK	0187	LATIN CAPITAL LETTER C HOOK
018C	LATIN SMALL LETTER D TOPBAR	018B	LATIN CAPITAL LETTER D TOPBAR
0192	LATIN SMALL LETTER SCRIPT F	0191	LATIN CAPITAL LETTER F HOOK
0199	LATIN SMALL LETTER K HOOK	0198	LATIN CAPITAL LETTER K HOOK
01A1	LATIN SMALL LETTER O HORN	01A0	LATIN CAPITAL LETTER O HORN
01A3	LATIN SMALL LETTER O I	01A2	LATIN CAPITAL LETTER O I
01A5	LATIN SMALL LETTER P HOOK	01A4	LATIN CAPITAL LETTER P HOOK
01A8	LATIN SMALL LETTER TONE TWO	01A7	LATIN CAPITAL LETTER TONE TWO
01AD	LATIN SMALL LETTER T HOOK	01AC	LATIN CAPITAL LETTER T HOOK
01B0	LATIN SMALL LETTER U HORN	01AF	LATIN CAPITAL LETTER U HORN
01B4	LATIN SMALL LETTER Y HOOK	01B3	LATIN CAPITAL LETTER Y HOOK
01B6	LATIN SMALL LETTER Z BAR	01B5	LATIN CAPITAL LETTER Z BAR
01B9	LATIN SMALL LETTER REVERSED YOGH	01B8	LATIN CAPITAL LETTER REVERSED YOGH
01BD	LATIN SMALL LETTER TONE FIVE	01BC	LATIN CAPITAL LETTER TONE FIVE
01C5	LATIN LETTER CAPITAL D SMALL Z HACEK	01C4	LATIN CAPITAL LETTER D Z HACEK
01C6	LATIN SMALL LETTER D Z HACEK	01C4	LATIN CAPITAL LETTER D Z HACEK
01C8	LATIN LETTER CAPITAL L SMALL J	01C7	LATIN CAPITAL LETTER L J
01C9	LATIN SMALL LETTER L J	01C7	LATIN CAPITAL LETTER L J
01CB	LATIN LETTER CAPITAL N SMALL J	01CA	LATIN CAPITAL LETTER N J
01CC	LATIN SMALL LETTER N J	01CA	LATIN CAPITAL LETTER N J
01CE	LATIN SMALL LETTER A HACEK	01CD	LATIN CAPITAL LETTER A HACEK
01D0	LATIN SMALL LETTER I HACEK	01CF	LATIN CAPITAL LETTER I HACEK
01D2	LATIN SMALL LETTER O HACEK	01D1	LATIN CAPITAL LETTER O HACEK
01D4	LATIN SMALL LETTER U HACEK	01D3	LATIN CAPITAL LETTER U HACEK
01D6	LATIN SMALL LETTER U DIAERESIS MACRON	01D5	LATIN CAPITAL LETTER U DIAERESIS MACRON
01D8	LATIN SMALL LETTER U DIAERESIS ACUTE	01D7	LATIN CAPITAL LETTER U DIAERESIS ACUTE
01DA	LATIN SMALL LETTER U DIAERESIS HACEK	01D9	LATIN CAPITAL LETTER U DIAERESIS HACEK
01DC	LATIN SMALL LETTER U DIAERESIS GRAVE	01DB	LATIN CAPITAL LETTER U DIAERESIS GRAVE
01DD	LATIN SMALL LETTER TURNED E	018E	LATIN CAPITAL LETTER TURNED E
01DF	LATIN SMALL LETTER A DIAERESIS MACRON	01DE	LATIN CAPITAL LETTER A DIAERESIS MACRON
01E1	LATIN SMALL LETTER A DOT MACRON	01E0	LATIN CAPITAL LETTER A DOT MACRON
01E3	LATIN SMALL LETTER A E MACRON	01E2	LATIN CAPITAL LETTER A E MACRON
01E5	LATIN SMALL LETTER G BAR	01E4	LATIN CAPITAL LETTER G BAR
01E7	LATIN SMALL LETTER G HACEK	01E6	LATIN CAPITAL LETTER G HACEK
01E9	LATIN SMALL LETTER K HACEK	01E8	LATIN CAPITAL LETTER K HACEK

UNIC	Lower-case Unicode character name	UNIC	Upper-case Unicode character name
01EB	LATIN SMALL LETTER O OGONEK	01EA	LATIN CAPITAL LETTER O OGONEK
01ED	LATIN SMALL LETTER O OGONEK MACRON	01EC	LATIN CAPITAL LETTER O OGONEK MACRON
01EF	LATIN SMALL LETTER YOGH HACEK	01EE	LATIN CAPITAL LETTER YOGH HACEK
0253	LATIN SMALL LETTER B HOOK	0181	LATIN CAPITAL LETTER B HOOK
0254	LATIN SMALL LETTER OPEN O	0186	LATIN CAPITAL LETTER OPEN O
0256	LATIN SMALL LETTER D RETROFLEX HOOK	0189	LATIN CAPITAL LETTER AFRICAN D
0257	LATIN SMALL LETTER D HOOK	018A	LATIN CAPITAL LETTER D HOOK
0259	LATIN SMALL LETTER SCHWA	018F	LATIN CAPITAL LETTER SCHWA
025B	LATIN SMALL LETTER EPSILON	0190	LATIN CAPITAL LETTER EPSILON
0260	LATIN SMALL LETTER G HOOK	0193	LATIN CAPITAL LETTER G HOOK
0263	LATIN SMALL LETTER GAMMA	0194	LATIN CAPITAL LETTER GAMMA
0268	LATIN SMALL LETTER BARRED I	0197	LATIN CAPITAL LETTER BARRED I
0269	LATIN SMALL LETTER IOTA	0196	LATIN CAPITAL LETTER IOTA
026F	LATIN SMALL LETTER TURNED M	019C	LATIN CAPITAL LETTER TURNED M
0272	LATIN SMALL LETTER N HOOK	019D	LATIN CAPITAL LETTER N HOOK
0275	LATIN SMALL LETTER BARRED O	019F	LATIN CAPITAL LETTER BARRED O
0283	LATIN SMALL LETTER ESH	01A9	LATIN CAPITAL LETTER ESH
0288	LATIN SMALL LETTER T RETROFLEX HOOK	01AE	LATIN CAPITAL LETTER T RETROFLEX HOOK
028A	LATIN SMALL LETTER UPSILON	01B1	LATIN CAPITAL LETTER UPSILON
028B	LATIN SMALL LETTER SCRIPT V	01B2	LATIN CAPITAL LETTER SCRIPT V
0292	LATIN SMALL LETTER YOGH	01B7	LATIN CAPITAL LETTER YOGH
03AC	GREEK SMALL LETTER ALPHA TONOS	0386	GREEK CAPITAL LETTER ALPHA TONOS
03AD	GREEK SMALL LETTER EPSILON TONOS	0388	GREEK CAPITAL LETTER EPSILON TONOS
03AE	GREEK SMALL LETTER ETA TONOS	0389	GREEK CAPITAL LETTER ETA TONOS
03AF	GREEK SMALL LETTER IOTA TONOS	038A	GREEK CAPITAL LETTER IOTA TONOS
03B1	GREEK SMALL LETTER ALPHA	0391	GREEK CAPITAL LETTER ALPHA
03B2	GREEK SMALL LETTER BETA	0392	GREEK CAPITAL LETTER BETA
03B3	GREEK SMALL LETTER GAMMA	0393	GREEK CAPITAL LETTER GAMMA
03B4	GREEK SMALL LETTER DELTA	0394	GREEK CAPITAL LETTER DELTA
03B5	GREEK SMALL LETTER EPSILON	0395	GREEK CAPITAL LETTER EPSILON
03B6	GREEK SMALL LETTER ZETA	0396	GREEK CAPITAL LETTER ZETA
03B7	GREEK SMALL LETTER ETA	0397	GREEK CAPITAL LETTER ETA
03B8	GREEK SMALL LETTER THETA	0398	GREEK CAPITAL LETTER THETA
03B9	GREEK SMALL LETTER IOTA	0399	GREEK CAPITAL LETTER IOTA
03BA	GREEK SMALL LETTER KAPPA	039A	GREEK CAPITAL LETTER KAPPA
03BB	GREEK SMALL LETTER LAMBDA	039B	GREEK CAPITAL LETTER LAMBDA
03BC	GREEK SMALL LETTER MU	039C	GREEK CAPITAL LETTER MU
03BD	GREEK SMALL LETTER NU	039D	GREEK CAPITAL LETTER NU
03BE	GREEK SMALL LETTER XI	039E	GREEK CAPITAL LETTER XI
03BF	GREEK SMALL LETTER OMICRON	039F	GREEK CAPITAL LETTER OMICRON

UNIC	Lower-case Unicode character name	UNIC	Upper-case Unicode character name
03C0	GREEK SMALL LETTER PI	03A0	GREEK CAPITAL LETTER PI
03C1	GREEK SMALL LETTER RHO	03A1	GREEK CAPITAL LETTER RHO
03C2	GREEK SMALL LETTER FINAL SIGMA	03A3	GREEK CAPITAL LETTER SIGMA
03C3	GREEK SMALL LETTER SIGMA	03A3	GREEK CAPITAL LETTER SIGMA
03C4	GREEK SMALL LETTER TAU	03A4	GREEK CAPITAL LETTER TAU
03C5	GREEK SMALL LETTER UPSILON	03D2	GREEK CAPITAL LETTER UPSILON HOOK
03C5	GREEK SMALL LETTER UPSILON	03A5	GREEK CAPITAL LETTER UPSILON
03C6	GREEK SMALL LETTER PHI	03A6	GREEK CAPITAL LETTER PHI
03C7	GREEK SMALL LETTER CHI	03A7	GREEK CAPITAL LETTER CHI
03C8	GREEK SMALL LETTER PSI	03A8	GREEK CAPITAL LETTER PSI
03C9	GREEK SMALL LETTER OMEGA	03A9	GREEK CAPITAL LETTER OMEGA
03CA	GREEK SMALL LETTER IOTA DIAERESIS	03AA	GREEK CAPITAL LETTER IOTA DIAERESIS
03CB	GREEK SMALL LETTER UPSILON DIAERESIS	03AB	GREEK CAPITAL LETTER UPSILON DIAERESIS
03CC	GREEK SMALL LETTER OMICRON TONOS	038C	GREEK CAPITAL LETTER OMICRON TONOS
03CD	GREEK SMALL LETTER UPSILON TONOS	038E	GREEK CAPITAL LETTER UPSILON TONOS
03CE	GREEK SMALL LETTER OMEGA TONOS	038F	GREEK CAPITAL LETTER OMEGA TONOS
03D0	GREEK SMALL LETTER CURLED BETA	0392	GREEK CAPITAL LETTER BETA
03D1	GREEK SMALL LETTER SCRIPT THETA	0398	GREEK CAPITAL LETTER THETA
03D5	GREEK SMALL LETTER SCRIPT PHI	03A6	GREEK CAPITAL LETTER PHI
03D6	GREEK SMALL LETTER OMEGA PI	03A0	GREEK CAPITAL LETTER PI
03DB	GREEK SMALL LETTER STIGMA	03DA	GREEK CAPITAL LETTER STIGMA
03DD	GREEK SMALL LETTER DIGAMMA	03DC	GREEK CAPITAL LETTER DIGAMMA
03DF	GREEK SMALL LETTER KOPPA	03DE	GREEK CAPITAL LETTER KOPPA
03E1	GREEK SMALL LETTER SAMPI	03E0	GREEK CAPITAL LETTER SAMPI
03E3	GREEK SMALL LETTER SHEI	03E2	GREEK CAPITAL LETTER SHEI
03E5	GREEK SMALL LETTER FEI	03E4	GREEK CAPITAL LETTER FEI
03E7	GREEK SMALL LETTER KHEI	03E6	GREEK CAPITAL LETTER KHEI
03E9	GREEK SMALL LETTER HORI	03E8	GREEK CAPITAL LETTER HORI
03EB	GREEK SMALL LETTER GANGIA	03EA	GREEK CAPITAL LETTER GANGIA
03ED	GREEK SMALL LETTER SHIMA	03EC	GREEK CAPITAL LETTER SHIMA
03EF	GREEK SMALL LETTER DEI	03EE	GREEK CAPITAL LETTER DEI
03F0	GREEK SMALL LETTER SCRIPT KAPPA	039A	GREEK CAPITAL LETTER KAPPA
03F1	GREEK SMALL LETTER TAILED RHO	03A1	GREEK CAPITAL LETTER RHO
03C2	GREEK SMALL LETTER LUNATE SIGMA	03A3	GREEK CAPITAL LETTER SIGMA
0430	CYRILLIC SMALL LETTER A	0410	CYRILLIC CAPITAL LETTER A
0431	CYRILLIC SMALL LETTER BE	0411	CYRILLIC CAPITAL LETTER BE
0432	CYRILLIC SMALL LETTER VE	0412	CYRILLIC CAPITAL LETTER VE
0433	CYRILLIC SMALL LETTER GE	0413	CYRILLIC CAPITAL LETTER GE
0434	CYRILLIC SMALL LETTER DE	0414	CYRILLIC CAPITAL LETTER DE
0435	CYRILLIC SMALL LETTER IE	0415	CYRILLIC CAPITAL LETTER IE



UNIC	Lower-case Unicode character name	UNIC	Upper-case Unicode character name
0436	CYRILLIC SMALL LETTER ZHE	0416	CYRILLIC CAPITAL LETTER ZHE
0437	CYRILLIC SMALL LETTER ZE	0417	CYRILLIC CAPITAL LETTER ZE
0438	CYRILLIC SMALL LETTER II	0418	CYRILLIC CAPITAL LETTER II
0439	CYRILLIC SMALL LETTER SHORT II	0419	CYRILLIC CAPITAL LETTER SHORT II
043A	CYRILLIC SMALL LETTER KA	041A	CYRILLIC CAPITAL LETTER KA
043B	CYRILLIC SMALL LETTER EL	041B	CYRILLIC CAPITAL LETTER EL
043C	CYRILLIC SMALL LETTER EM	041C	CYRILLIC CAPITAL LETTER EM
043D	CYRILLIC SMALL LETTER EN	041D	CYRILLIC CAPITAL LETTER EN
043E	CYRILLIC SMALL LETTER O	041E	CYRILLIC CAPITAL LETTER O
043F	CYRILLIC SMALL LETTER PE	041F	CYRILLIC CAPITAL LETTER PE
0440	CYRILLIC SMALL LETTER ER	0420	CYRILLIC CAPITAL LETTER ER
0441	CYRILLIC SMALL LETTER ES	0421	CYRILLIC CAPITAL LETTER ES
0442	CYRILLIC SMALL LETTER TE	0422	CYRILLIC CAPITAL LETTER TE
0443	CYRILLIC SMALL LETTER U	0423	CYRILLIC CAPITAL LETTER U
0444	CYRILLIC SMALL LETTER EF	0424	CYRILLIC CAPITAL LETTER EF
0445	CYRILLIC SMALL LETTER KHA	0425	CYRILLIC CAPITAL LETTER KHA
0446	CYRILLIC SMALL LETTER TSE	0426	CYRILLIC CAPITAL LETTER TSE
0447	CYRILLIC SMALL LETTER CHE	0427	CYRILLIC CAPITAL LETTER CHE
0448	CYRILLIC SMALL LETTER SHA	0428	CYRILLIC CAPITAL LETTER SHA
0449	CYRILLIC SMALL LETTER SHCHA	0429	CYRILLIC CAPITAL LETTER SHCHA
044A	CYRILLIC SMALL LETTER HARD SIGN	042A	CYRILLIC CAPITAL LETTER HARD SIGN
044B	CYRILLIC SMALL LETTER YERI	042B	CYRILLIC CAPITAL LETTER YERI
044C	CYRILLIC SMALL LETTER SOFT SIGN	042C	CYRILLIC CAPITAL LETTER SOFT SIGN
044D	CYRILLIC SMALL LETTER REVERSED E	042D	CYRILLIC CAPITAL LETTER REVERSED E
044E	CYRILLIC SMALL LETTER IU	042E	CYRILLIC CAPITAL LETTER IU
044F	CYRILLIC SMALL LETTER IA	042F	CYRILLIC CAPITAL LETTER IA
0451	CYRILLIC SMALL LETTER IO	0401	CYRILLIC CAPITAL LETTER IO
0452	CYRILLIC SMALL LETTER DJE	0402	CYRILLIC CAPITAL LETTER DJE
0453	CYRILLIC SMALL LETTER GJE	0403	CYRILLIC CAPITAL LETTER GJE
0454	CYRILLIC SMALL LETTER E	0404	CYRILLIC CAPITAL LETTER E
0455	CYRILLIC SMALL LETTER DZE	0405	CYRILLIC CAPITAL LETTER DZE
0456	CYRILLIC SMALL LETTER I	0406	CYRILLIC CAPITAL LETTER I
0457	CYRILLIC SMALL LETTER YI	0407	CYRILLIC CAPITAL LETTER YI
0458	CYRILLIC SMALL LETTER JE	0408	CYRILLIC CAPITAL LETTER JE
0459	CYRILLIC SMALL LETTER LJE	0409	CYRILLIC CAPITAL LETTER LJE
045A	CYRILLIC SMALL LETTER NJE	040A	CYRILLIC CAPITAL LETTER NJE
045B	CYRILLIC SMALL LETTER TSHE	040B	CYRILLIC CAPITAL LETTER TSHE
045C	CYRILLIC SMALL LETTER KJE	040C	CYRILLIC CAPITAL LETTER KJE
045E	CYRILLIC SMALL LETTER SHORT U	040E	CYRILLIC CAPITAL LETTER SHORT U
045F	CYRILLIC SMALL LETTER DZHE	040F	CYRILLIC CAPITAL LETTER DZHE

UNIC	Lower-case Unicode character name	Upper-case Unicode character name
0461	CYRILLIC SMALL LETTER OMEGA	CYRILLIC CAPITAL LETTER OMEGA
0463	CYRILLIC SMALL LETTER YAT	CYRILLIC CAPITAL LETTER YAT
0465	CYRILLIC SMALL LETTER IOTIFIED E	CYRILLIC CAPITAL LETTER IOTIFIED E
0467	CYRILLIC SMALL LETTER LITTLE YUS	CYRILLIC CAPITAL LETTER LITTLE YUS
0469	CYRILLIC SMALL LETTER IOTIFIED LITTLE YUS	CYRILLIC CAPITAL LETTER IOTIFIED LITTLE YUS
046B	CYRILLIC SMALL LETTER BIG YUS	CYRILLIC CAPITAL LETTER BIG YUS
046D	CYRILLIC SMALL LETTER IOTIFIED BIG YUS	CYRILLIC CAPITAL LETTER IOTIFIED BIG YUS
046F	CYRILLIC SMALL LETTER KSI	CYRILLIC CAPITAL LETTER KSI
0471	CYRILLIC SMALL LETTER PSI	CYRILLIC CAPITAL LETTER PSI
0473	CYRILLIC SMALL LETTER FITA	CYRILLIC CAPITAL LETTER FITA
0475	CYRILLIC SMALL LETTER IZHITSA	CYRILLIC CAPITAL LETTER IZHITSA
0477	CYRILLIC SMALL LETTER IZHITSA DOUBLE GRAVE	CYRILLIC CAPITAL LETTER IZHITSA DOUBLE GRAVE
0479	CYRILLIC SMALL LETTER UK DIGRAPH	CYRILLIC CAPITAL LETTER UK DIGRAPH
047B	CYRILLIC SMALL LETTER ROUND OMEGA	CYRILLIC CAPITAL LETTER ROUND OMEGA
047D	CYRILLIC SMALL LETTER OMEGA TITLO	CYRILLIC CAPITAL LETTER OMEGA TITLO
047F	CYRILLIC SMALL LETTER OT	CYRILLIC CAPITAL LETTER OT
0481	CYRILLIC SMALL LETTER KOPPA	CYRILLIC CAPITAL LETTER KOPPA
0491	CYRILLIC SMALL LETTER GE WITH UPTURN	CYRILLIC CAPITAL LETTER GE WITH UPTURN
0493	CYRILLIC SMALL LETTER GE BAR	CYRILLIC CAPITAL LETTER GE BAR
0495	CYRILLIC SMALL LETTER GE HOOK	CYRILLIC CAPITAL LETTER GE HOOK
0497	CYRILLIC SMALL LETTER ZHE WITH RIGHT DESCENDER	CYRILLIC CAPITAL LETTER ZHE WITH RIGHT DESCENDER
0499	CYRILLIC SMALL LETTER ZE CEDILLA	CYRILLIC CAPITAL LETTER ZE CEDILLA
049B	CYRILLIC SMALL LETTER KA WITH RIGHT DESCENDER	CYRILLIC CAPITAL LETTER KA WITH RIGHT DESCENDER
049D	CYRILLIC SMALL LETTER KA VERTICAL BAR	CYRILLIC CAPITAL LETTER KA VERTICAL BAR
049F	CYRILLIC SMALL LETTER KA BAR	CYRILLIC CAPITAL LETTER KA BAR
04A1	CYRILLIC SMALL LETTER REVERSED GE KA	CYRILLIC CAPITAL LETTER REVERSED GE KA
04A3	CYRILLIC SMALL LETTER EN WITH RIGHT DESCENDER	CYRILLIC CAPITAL LETTER EN WITH RIGHT DESCENDER
04A5	CYRILLIC SMALL LETTER EN GE	CYRILLIC CAPITAL LETTER EN GE
04A7	CYRILLIC SMALL LETTER PE HOOK	CYRILLIC CAPITAL LETTER PE HOOK
04A9	CYRILLIC SMALL LETTER O HOOK	CYRILLIC CAPITAL LETTER O HOOK
04AB	CYRILLIC SMALL LETTER ES CEDILLA	CYRILLIC CAPITAL LETTER ES CEDILLA
04AD	CYRILLIC SMALL LETTER TE WITH RIGHT DESCENDER	CYRILLIC CAPITAL LETTER TE WITH RIGHT DESCENDER
04AF	CYRILLIC SMALL LETTER STRAIGHT U	CYRILLIC CAPITAL LETTER STRAIGHT U
04B1	CYRILLIC SMALL LETTER STRAIGHT U BAR	CYRILLIC CAPITAL LETTER STRAIGHT U BAR
04B3	CYRILLIC SMALL LETTER KHA WITH RIGHT DESCENDER	CYRILLIC CAPITAL LETTER KHA WITH RIGHT DESCENDER
04B5	CYRILLIC SMALL LETTER TE TSE	CYRILLIC CAPITAL LETTER TE TSE
04B7	CYRILLIC SMALL LETTER CHE WITH RIGHT DESCENDER	CYRILLIC CAPITAL LETTER CHE WITH RIGHT DESCENDER
04B9	CYRILLIC SMALL LETTER CHE VERTICAL BAR	CYRILLIC CAPITAL LETTER CHE VERTICAL BAR
04BB	CYRILLIC SMALL LETTER H	CYRILLIC CAPITAL LETTER H
04BD	CYRILLIC SMALL LETTER IE HOOK	CYRILLIC CAPITAL LETTER IE HOOK

UNIC	Lower-case Unicode character name	UNIC	Upper-case Unicode character name
04BF	CYRILLIC SMALL LETTER IE HOOK OGONEK	04BE	CYRILLIC CAPITAL LETTER IE HOOK OGONEK
04C2	CYRILLIC SMALL LETTER SHORT ZHE	04C1	CYRILLIC CAPITAL LETTER SHORT ZHE
04C4	CYRILLIC SMALL LETTER KA HOOK	04C3	CYRILLIC CAPITAL LETTER KA HOOK
04C6	CYRILLIC SMALL LETTER KA OGONEK	04C5	CYRILLIC CAPITAL LETTER KA OGONEK
04C8	CYRILLIC SMALL LETTER EN HOOK	04C7	CYRILLIC CAPITAL LETTER EN HOOK
04CA	CYRILLIC SMALL LETTER KHA OGONEK	04C9	CYRILLIC CAPITAL LETTER KHA OGONEK
04CC	CYRILLIC SMALL LETTER CHE WITH LEFT DESCENDER	04CB	CYRILLIC CAPITAL LETTER CHE WITH LEFT DESCENDER
0561	ARMENIAN SMALL LETTER AYB	0531	ARMENIAN CAPITAL LETTER AYB
0562	ARMENIAN SMALL LETTER BEN	0532	ARMENIAN CAPITAL LETTER BEN
0563	ARMENIAN SMALL LETTER GIM	0533	ARMENIAN CAPITAL LETTER GIM
0564	ARMENIAN SMALL LETTER DA	0534	ARMENIAN CAPITAL LETTER DA
0565	ARMENIAN SMALL LETTER ECH	0535	ARMENIAN CAPITAL LETTER ECH
0566	ARMENIAN SMALL LETTER ZA	0536	ARMENIAN CAPITAL LETTER ZA
0567	ARMENIAN SMALL LETTER EH	0537	ARMENIAN CAPITAL LETTER EH
0568	ARMENIAN SMALL LETTER ET	0538	ARMENIAN CAPITAL LETTER ET
0569	ARMENIAN SMALL LETTER TO	0539	ARMENIAN CAPITAL LETTER TO
056A	ARMENIAN SMALL LETTER ZHE	053A	ARMENIAN CAPITAL LETTER ZHE
056B	ARMENIAN SMALL LETTER INI	053B	ARMENIAN CAPITAL LETTER INI
056C	ARMENIAN SMALL LETTER LIWN	053C	ARMENIAN CAPITAL LETTER LIWN
056D	ARMENIAN SMALL LETTER XEH	053D	ARMENIAN CAPITAL LETTER XEH
056E	ARMENIAN SMALL LETTER CA	053E	ARMENIAN CAPITAL LETTER CA
056F	ARMENIAN SMALL LETTER KEN	053F	ARMENIAN CAPITAL LETTER KEN
0570	ARMENIAN SMALL LETTER HO	0540	ARMENIAN CAPITAL LETTER HO
0571	ARMENIAN SMALL LETTER JA	0541	ARMENIAN CAPITAL LETTER JA
0572	ARMENIAN SMALL LETTER LAD	0542	ARMENIAN CAPITAL LETTER LAD
0573	ARMENIAN SMALL LETTER CHEH	0543	ARMENIAN CAPITAL LETTER CHEH
0574	ARMENIAN SMALL LETTER MEN	0544	ARMENIAN CAPITAL LETTER MEN
0575	ARMENIAN SMALL LETTER YI	0545	ARMENIAN CAPITAL LETTER YI
0576	ARMENIAN SMALL LETTER NOW	0546	ARMENIAN CAPITAL LETTER NOW
0577	ARMENIAN SMALL LETTER SHA	0547	ARMENIAN CAPITAL LETTER SHA
0578	ARMENIAN SMALL LETTER VO	0548	ARMENIAN CAPITAL LETTER VO
0579	ARMENIAN SMALL LETTER CHA	0549	ARMENIAN CAPITAL LETTER CHA
057A	ARMENIAN SMALL LETTER PEH	054A	ARMENIAN CAPITAL LETTER PEH
057B	ARMENIAN SMALL LETTER JHEH	054B	ARMENIAN CAPITAL LETTER JHEH
057C	ARMENIAN SMALL LETTER RA	054C	ARMENIAN CAPITAL LETTER RA
057D	ARMENIAN SMALL LETTER SEH	054D	ARMENIAN CAPITAL LETTER SEH
057E	ARMENIAN SMALL LETTER VEW	054E	ARMENIAN CAPITAL LETTER VEW
057F	ARMENIAN SMALL LETTER TIWN	054F	ARMENIAN CAPITAL LETTER TIWN
0580	ARMENIAN SMALL LETTER REH	0550	ARMENIAN CAPITAL LETTER REH
0581	ARMENIAN SMALL LETTER CO	0551	ARMENIAN CAPITAL LETTER CO

UNIC	Lower-case Unicode character name	UNIC	Upper-case Unicode character name
0582	ARMENIAN SMALL LETTER YIWN	0552	ARMENIAN CAPITAL LETTER YIWN
0583	ARMENIAN SMALL LETTER PIWR	0553	ARMENIAN CAPITAL LETTER PIWR
0584	ARMENIAN SMALL LETTER KEH	0554	ARMENIAN CAPITAL LETTER KEH
0585	ARMENIAN SMALL LETTER OH	0555	ARMENIAN CAPITAL LETTER OH
0586	ARMENIAN SMALL LETTER FEH	0556	ARMENIAN CAPITAL LETTER FEH

Note: The modern Georgian alphabet is effectively caseless; Georgian SMALL LETTERS should not be upper-cased to CAPITAL LETTERS.

24D0	CIRCLED LATIN SMALL LETTER A	24B6	CIRCLED LATIN CAPITAL LETTER A
24D1	CIRCLED LATIN SMALL LETTER B	24B7	CIRCLED LATIN CAPITAL LETTER B
24D2	CIRCLED LATIN SMALL LETTER C	24B8	CIRCLED LATIN CAPITAL LETTER C
24D3	CIRCLED LATIN SMALL LETTER D	24B9	CIRCLED LATIN CAPITAL LETTER D
24D4	CIRCLED LATIN SMALL LETTER E	24BA	CIRCLED LATIN CAPITAL LETTER E
24D5	CIRCLED LATIN SMALL LETTER F	24BB	CIRCLED LATIN CAPITAL LETTER F
24D6	CIRCLED LATIN SMALL LETTER G	24BC	CIRCLED LATIN CAPITAL LETTER G
24D7	CIRCLED LATIN SMALL LETTER H	24BD	CIRCLED LATIN CAPITAL LETTER H
24D8	CIRCLED LATIN SMALL LETTER I	24BE	CIRCLED LATIN CAPITAL LETTER I
24D9	CIRCLED LATIN SMALL LETTER J	24BF	CIRCLED LATIN CAPITAL LETTER J
24DA	CIRCLED LATIN SMALL LETTER K	24C0	CIRCLED LATIN CAPITAL LETTER K
24DB	CIRCLED LATIN SMALL LETTER L	24C1	CIRCLED LATIN CAPITAL LETTER L
24DC	CIRCLED LATIN SMALL LETTER M	24C2	CIRCLED LATIN CAPITAL LETTER M
24DD	CIRCLED LATIN SMALL LETTER N	24C3	CIRCLED LATIN CAPITAL LETTER N
24DE	CIRCLED LATIN SMALL LETTER O	24C4	CIRCLED LATIN CAPITAL LETTER O
24DF	CIRCLED LATIN SMALL LETTER P	24C5	CIRCLED LATIN CAPITAL LETTER P
24E0	CIRCLED LATIN SMALL LETTER Q	24C6	CIRCLED LATIN CAPITAL LETTER Q
24E1	CIRCLED LATIN SMALL LETTER R	24C7	CIRCLED LATIN CAPITAL LETTER R
24E2	CIRCLED LATIN SMALL LETTER S	24C8	CIRCLED LATIN CAPITAL LETTER S
24E3	CIRCLED LATIN SMALL LETTER T	24C9	CIRCLED LATIN CAPITAL LETTER T
24E4	CIRCLED LATIN SMALL LETTER U	24CA	CIRCLED LATIN CAPITAL LETTER U
24E5	CIRCLED LATIN SMALL LETTER V	24CB	CIRCLED LATIN CAPITAL LETTER V
24E6	CIRCLED LATIN SMALL LETTER W	24CC	CIRCLED LATIN CAPITAL LETTER W
24E7	CIRCLED LATIN SMALL LETTER X	24CD	CIRCLED LATIN CAPITAL LETTER X
24E8	CIRCLED LATIN SMALL LETTER Y	24CE	CIRCLED LATIN CAPITAL LETTER Y
24E9	CIRCLED LATIN SMALL LETTER Z	24CF	CIRCLED LATIN CAPITAL LETTER Z
FF41	FULLWIDTH LATIN SMALL LETTER A	FF21	FULLWIDTH LATIN CAPITAL LETTER A
FF42	FULLWIDTH LATIN SMALL LETTER B	FF22	FULLWIDTH LATIN CAPITAL LETTER B
FF43	FULLWIDTH LATIN SMALL LETTER C	FF23	FULLWIDTH LATIN CAPITAL LETTER C
FF44	FULLWIDTH LATIN SMALL LETTER D	FF24	FULLWIDTH LATIN CAPITAL LETTER D
FF45	FULLWIDTH LATIN SMALL LETTER E	FF25	FULLWIDTH LATIN CAPITAL LETTER E
FF46	FULLWIDTH LATIN SMALL LETTER F	FF26	FULLWIDTH LATIN CAPITAL LETTER F

UNIC	Upper-case Unicode character name
FF27	FULLWIDTH LATIN CAPITAL LETTER G
FF28	FULLWIDTH LATIN CAPITAL LETTER H
FF29	FULLWIDTH LATIN CAPITAL LETTER I
FF2A	FULLWIDTH LATIN CAPITAL LETTER J
FF2B	FULLWIDTH LATIN CAPITAL LETTER K
FF2C	FULLWIDTH LATIN CAPITAL LETTER L
FF2D	FULLWIDTH LATIN CAPITAL LETTER M
FF2E	FULLWIDTH LATIN CAPITAL LETTER N
FF2F	FULLWIDTH LATIN CAPITAL LETTER O
FF30	FULLWIDTH LATIN CAPITAL LETTER P
FF31	FULLWIDTH LATIN CAPITAL LETTER Q
FF32	FULLWIDTH LATIN CAPITAL LETTER R
FF33	FULLWIDTH LATIN CAPITAL LETTER S
FF34	FULLWIDTH LATIN CAPITAL LETTER T
FF35	FULLWIDTH LATIN CAPITAL LETTER U
FF36	FULLWIDTH LATIN CAPITAL LETTER V
FF37	FULLWIDTH LATIN CAPITAL LETTER W
FF38	FULLWIDTH LATIN CAPITAL LETTER X
FF39	FULLWIDTH LATIN CAPITAL LETTER Y
FF3A	FULLWIDTH LATIN CAPITAL LETTER Z

UNIC	Lower-case Unicode character name
FF47	FULLWIDTH LATIN SMALL LETTER G
FF48	FULLWIDTH LATIN SMALL LETTER H
FF49	FULLWIDTH LATIN SMALL LETTER I
FF4A	FULLWIDTH LATIN SMALL LETTER J
FF4B	FULLWIDTH LATIN SMALL LETTER K
FF4C	FULLWIDTH LATIN SMALL LETTER L
FF4D	FULLWIDTH LATIN SMALL LETTER M
FF4E	FULLWIDTH LATIN SMALL LETTER N
FF4F	FULLWIDTH LATIN SMALL LETTER O
FF50	FULLWIDTH LATIN SMALL LETTER P
FF51	FULLWIDTH LATIN SMALL LETTER Q
FF52	FULLWIDTH LATIN SMALL LETTER R
FF53	FULLWIDTH LATIN SMALL LETTER S
FF54	FULLWIDTH LATIN SMALL LETTER T
FF55	FULLWIDTH LATIN SMALL LETTER U
FF56	FULLWIDTH LATIN SMALL LETTER V
FF57	FULLWIDTH LATIN SMALL LETTER W
FF58	FULLWIDTH LATIN SMALL LETTER X
FF59	FULLWIDTH LATIN SMALL LETTER Y
FF5A	FULLWIDTH LATIN SMALL LETTER Z

