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Globalization (Reference topics)





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OS/400 globalization

As companies integrate e-commerce on a global scale into their fundamental business processes, their prospective customers, established customers, and active partners can take advantage of increased revenue and decreased expenses through software globalization. They also can improve customer communications and increase savings. Globalized software gives you the following advantages:

- Increased customer satisfaction that can increase sales
- Enhanced customer support communications
- Enhanced global information dissemination
- A better return on Information Technology (IT) investments

This information shows you how to:

- Create an application efficiently and at minimal expense.
- Retrofit existing applications for globalization and create new applications designed for globalization. Designing an application for globalization, however, is usually less expensive than retrofitting an existing application.
- Ensure that the application design does not interfere with the current or planned design of other internationalized applications.

These pages provide a single source for the information you need to build applications for national and international audiences. You can also find information about what's new in this release and how you can print this topic.

Globalization overview

This topic describes the way that globalization has been implemented on OS/400^(R), including topics that describe globalization-specific values on the system and topics that describe how services and functions in OS/400 support globalization.

Set up OS/400 with a national language version

This topic describes the steps you need to take to properly install and configure a national language version on OS/400, with topics ranging from selecting and installing hardware, installing software, and configuring your environment to run in a globalized setting. You can use this information as you install your own servers, and you can apply the principles when you develop applications for customers who are installing their own national language version on OS/400.

Develop global applications

This topic provides guidelines for designing, developing, and delivering globalized applications:

- Designing functions that are sensitive to national languages
- Supporting various types of hardware support
- Translating the textual data in your application
- Making your application available worldwide

Handle data in globalized applications

This topic describes the ways in which OS/400 enables you to handle data in a globalized environment. Included in these pages are topics that describe Unicode and UCS-2 data, the Chinese standard GB18030, how to use CCSIDs to integrate multiple language environments consistently, and how to use bidirectional data, DBCS data, and locales.

Globalization reference information

This topic provides detailed supporting information for the concepts and tasks discussed in the Globalization category.

Globalization checklists

This topic gathers together all of the checklists that are contained with these pages. These checklists are useful reminders of the issues you need to consider as you create and work with global applications.

Globalization reference information

This topic provides a comprehensive collection of supporting information about the concepts and tasks described in the Globalization category.

- NLV feature codes
- Country/region identifiers
- Default system values for national language versions
- System values for languages that do not have a national language version
- **Keyboards**
 - Keyboard layouts
 - SBCS keyboard and display part numbers by language
 - Special-character keyboard set
 - Keyboard types and SBCS code pages
- **Code pages**
- **Character sets**
 - Country extended character set 00697
 - Graphic character conversion tables
 - International DP 94 00103 (ASCII)
 - International alphabet 5 01169
 - Invariant character set
 - Monocase tables
 - Portable character set
 - Syntactic and invariant character set 00640
 - T.61 character set 01252
 - T.61 character repertoire 01253
 - T.61 graphic character conversions
- **CCSIDs**
 - CCSID values defined on OS/400
 - Supported CCSID mappings
 - Associated CCSID values
 - Encoding schemes for CCSIDs
 - Language identifiers and associated default CCSIDS
- **Locales**
 - System-supplied locales and recommended CCSIDs
 - Mapping of locale symbolic names
- **REXX extension characters**
 - Axxxxxxx GCGIDs
 - Bxxxxxxx GCGIDs
 - Gxxxxxxx GCGIDs
 - Hxxxxxxx GCGIDs
 - Jxxxxxxx GCGIDs

- Kxxxxxxx GCGIDs
- Lxxxxxxx GCGIDs
- Nxxxxxxx GCGIDs
- Oxxxxxxx GCGIDs
- Sxxxxxxx GCGIDs

National language version feature codes

The following table lists the available national language version feature codes. See the Software Installation



PDF for more information.

National language version	Primary language feature code	Secondary language feature code
Albanian	2995	5595
Arabic	2954	5554
Belgian English	2909	5509
Belgian Dutch	2963	5563
Belgian French	2966	5566
Brazilian Portuguese	2980	5580
Bulgarian	2974	5574
Canadian French	2981	5581
Croatian	2912	5512
Czech	2975	5575
Danish	2926	5526
Dutch Netherlands	2923	5523
English	2924	5524
English Uppercase Support for Double-Byte Character Set (DBCS)	2938	5538
English Uppercase	2950	5550
English Uppercase and Lowercase Support for Double-Byte Character Set (DBCS)	2984	5584
Estonian	2902	5502
Farsi	2998	5598
Finnish	2925	5525
French	2928	5528
French Multinational Character Set	2940	5540
German	2929	5529
German Multinational Character Set	2939	5539
Greek	2957	5557
Hebrew	2961	5561
Hungarian	2976	5576
Icelandic	2958	5558
Italian	2932	5532

National language version	Primary language feature code	Secondary language feature code
Italian Multinational Character Set	2942	5542
Japanese Double-Byte Character Set (DBCS)	2962	5562
Korean Double-Byte Character Set (DBCS)	2986	5586
Lao	2906	5506
Latvian	2904	5504
Lithuanian	2903	5503
Macedonian	2913	5513
Norwegian	2933	5533
Polish	2978	5578
Portuguese	2922	5522
Portuguese Multinational Character Set	2996	5596
Romanian	2992	5592
Russian	2979	5579
Serbian Cyrillic	2914	5514
Simplified Chinese Double-Byte Character Set (DBCS)	2989	5589
Slovakian	2994	5594
Slovenian	2911	5511
Spanish	2931	5531
Swedish	2937	5537
Thai	2972	5572
Traditional Chinese Double-Byte Character Set (DBCS)	2987	5587
Turkish	2956	5556
Vietnamese	2905	5505

Country/region identifiers

Country/Region Name	Country/Region ID
Afghanistan	AF
Albania	AL
Algeria	DZ
American Samoa	AS
Andorra	AD
Angola	AO
Anguilla	AI
Antarctica	AQ
Antigua and Barbuda	AG
Arabic speaking countries	AA
Argentina	AR
Armenia	AM
Aruba	AW

Country/Region Name	Country/Region ID
Australia	AU
Austria	AT
Azerbaijan	AZ
Bahamas	BS
Bahrain	BH
Bangladesh	BD
Barbados	BB
Belarus	BY
Belgium	BE
Belize	BZ
Benin	BJ
Bermuda	BM
Bhutan	BT
Bolivia	BO
Bosnia/Herzegovina	BA
Botswana	BW
Bouvet Island	BV
Brazil	BR
British Indian Ocean Territory	IO
Brunei Darussalam	BN
Bulgaria	BG
Burkina Faso	BF
Burundi	BI
Burma	BU
Cambodia	KH
Cameroon, United Republic of	CM
Canada	CA
Cape Verde	CV
Cayman Islands	KY
Central African Republic	CF
Chad	TD
Chile	CL
China	CN
China (Hong Kong S.A.R.)	HK
China (Macau S.A.R.)	MO
Christmas Island	CX
Cocos (Keeling) Islands	CC
Colombia	CO
Comoros	KM
Congo	CG
Cook Islands	CK

Country/Region Name	Country/Region ID
Costa Rica	CR
Ivory Coast	CI
Croatia	HR
Cuba	CU
Cyprus	CY
Czech Republic	CZ
Denmark	DK
Djibouti	DJ
Dominica	DM
Dominican Republic	DO
East Timor	TP
Ecuador	EC
Egypt	EG
El Salvador	SV
Equatorial Guinea	GQ
Estonia	EE
Ethiopia	ET
Falkland Islands (Malvinas)	FK
Faroe Islands	FO
Fiji	FJ
Finland	FI
France	FR
French Guiana	GF
French Polynesia	PF
French Southern Territories	TF
Gabon	GA
Gambia	GM
Georgia	GE
Germany	DE
Ghana	GH
Gibraltar	GI
Greece	GR
Greenland	GL
Grenada	GD
Guadeloupe	GP
Guam	GU
Guatemala	GT
Guinea	GN
Guinea-Bissau	GW
Guyana	GY
Haiti	HT

Country/Region Name	Country/Region ID
Heard and McDonald Islands	HM
Honduras	HN
Hungary	HU
Iceland	IS
India	IN
Indonesia	ID
Iran (Islamic Republic of)	IR
Iraq	IQ
Ireland	IE
Israel	IL
Italy	IT
Jamaica	JM
Japan	JP
Jordan	JO
Kazakhstan	KK
Kenya	KE
Kiribati	KI
Korea, Democratic People's Republic of	KP
Korea, Republic of	KR
Kuwait	KW
Kyrgyzstan	KG
Lao People's Democratic Republic	LA
Latvia	LV
Lebanon	LB
Lesotho	LS
Liberia	LR
Libyan Arab Jamahiriya	LY
Liechtenstein	LI
Lithuania	LT
Luxembourg	LU
Macedonia	MK
Madagascar	MG
Malawi	MW
Malaysia	MY
Maldives	MV
Mali	ML
Malta	MT
Marshall Islands	MH
Martinique	MQ
Mauritania	MR
Mauritius	MU

Country/Region Name	Country/Region ID
Mexico	MX
Micronesia	FM
Moldava, Republic of	MD
Monaco	MC
Mongolia	MN
Montenegro	ME
Montserrat	MS
Morocco	MA
Mozambique	MZ
Myanmar	MM
Namibia	NA
Nauru	NR
Nepal	NP
Netherlands	NL
Netherlands Antilles	AN
New Caledonia	NC
Neutral Zone	NT
New Zealand	NZ
Nicaragua	NI
Niger	NE
Nigeria	NG
Niue	NU
Norfolk Island	NF
Northern Mariana Islands	MP
Norway	NO
Oman	OM
Pakistan	PK
Palau	PW
Panama	PA
Papua New Guinea	PG
Paraguay	PY
Peru	PE
Philippines	PH
Pitcairn	PN
Poland	PL
Portugal	PT
Puerto Rico	PR
Qatar	QA
Reunion	RE
Romania	RO
Russia	RU

Country/Region Name	Country/Region ID
Rwanda	RW
Saint. Helena	SH
Saint Kitts and Nevis	KN
Saint Lucia	LC
Saint Pierre and Miquelon	PM
Saint Vincent and the Grenadines.	VC
Western Samoa	WS
San Marino	SM
Sao Tome and Principe	ST
Saudi Arabia	SA
Senegal	SN
Seychelles	SC
Sierra Leone	SL
Serbia	SQ
Singapore	SG
Slovakia	SK
Slovenia	SI
Solomon Islands	SB
Somalia	SO
South Africa	ZA
Spain	ES
Sri Lanka	LK
Sudan	SD
Suriname	SR
Svalbard and Jan Mayen Islnds	SJ
Swaziland	SZ
Sweden	SE
Switzerland	CH
Syrian Arab Republic	SY
Taiwan	TW
Tajikistan	TJ
Tanzania, United Republic of	TZ
Thailand	TH
Togo	TG
Tokelau	TK
Tonga	TO
Trinidad and Tobago	TT
Tunisia	TN
Turkmenistan	TM
Turkey	TR
Turks and Caicos Islands	TC

Country/Region Name	Country/Region ID
Tuvalu	TV
Uganda	UG
Ukraine	UA
United Arab Emirates	AE
United Kingdom	GB
United States Minor Outlying Islands	UM
United States of America	US
Uruguay	UY
Uzbekistan	UZ
Vanuatu	VU
Vatican City State	VA
Venezuela	VE
Vietnam	VN
Virgin Islands (British)	VG
Virgin Islands (U.S.)	VI
Wallis and Futuna Islands	WF
Western Sahara	EH
Yemen, Republic of	YE
Countries of the former Yugoslavia	YU
Zaire	ZR
Zambia	ZM
Zimbabwe	ZW

Default system values for national language versions

System values are the default values for jobs and functions on the system. The following links are to tables that show some of the system values associated with each national language version. The values shown for each version are listed by keyword. These are the values you see when you display the CPX8416 message for a particular language library. For an explanation of each keyword, see the System values topic. The tables contain Internet values that are needed to configure a Web browser for a specific language. The Internet values are also listed by keyword.

See System values for other languages that do not have a national language version for related information.

- Albanian (Feature 2995)
- Arabic (Feature 2954)
- Belgian Dutch MNCS (Feature 2963)
- Belgium English (Feature 2909)
- Belgian French MNCS (Feature 2966)
- Brazilian Portuguese (Feature 2980)
- Bulgarian (Feature 2974)
- Canadian French MNCS (Feature 2981)
- Croatian (Feature 2912)
- Czech (Feature 2975)

- Danish (Feature 2926)
- Dutch Netherlands (Feature 2923)
- English Uppercase (Feature 2950)
- English Uppercase and Lowercase (Feature 2924)
- English Uppercase DBCS (Feature 2938)
- English Uppercase and Lowercase DBCS (Feature 2984)
- Estonian (Feature 2902)
- Farsi (Feature 2998)
- Finnish (Feature 2925)
- French (Feature 2928)
- French MNCS (Feature 2940)
- German (Feature 2929)
- German MNCS (Feature 2939)
- Greek (Feature 2957)
- Hebrew (Feature 2961)
- Hungarian (Feature 2976)
- Icelandic (Feature 2958)
- Italian (Feature 2932)
- Italian MNCS (Feature 2942)
- Japanese (Katakana) DBCS (Feature 2962)
- Korean DBCS (Feature 2986)
- Laotian (Feature 2906)
- Latvian (Feature 2904)
- Lithuania (Feature 2903)
- Macedonian (Feature 2913)
- Norwegian (Feature 2933)
- Polish (Feature 2978)
- Portuguese (Feature 2922)
- Portuguese MNCS (Feature 2996)
- Romanian (Feature 2992)
- Russian (Feature 2979)
- Serbian (Feature 2914)
- Simplified Chinese DBCS (Feature 2989)
- Slovakian (Feature 2994)
- Slovenian (Feature 2911)
- Spanish (Feature 2931)
- Swedish (Feature 2937)
- Thai (Feature 2972)
- Traditional Chinese DBCS (Feature 2987)
- Turkish (Feature 2956)

Values that are provided in the tables:

Keyword	Description
QCCSID	Character set identifier. This is the recommended QCCSID value if you want to use CDRA support. For all national language versions (NLVs), the default QCCSID value is 65535 unless otherwise indicated.
QCHRID	Character set and code page
QCNTYID	Country or region identifier
QCURSYM	Currency symbol. The values given are accurate; however, the system supports only 1 character in that return field.
QDATFMT	Date format
QDATSEP	Date separator
QDECfmt	Decimal format
QIGC	DBCS version indicator
QIGCCDEFNT	DBCS font name
QKBDTYPE	Keyboard type
QLANGID	Language identifier
QLEAPADJ	Leap year adjustment
QSRTSEQ	Sort sequence
QTIMSEP	Time separator
Internet CCSID	Client character set environment.
Client encoding nomenclature	NLTC (National Language Technical Center) value and Document Encoding. Client encoding nomenclature provides a guideline for configuring a client for a specific language and setting up your internet web browser.

Albanian (Feature 2995)

QCHRID	QDECfmt	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00697 00500	J	ALI	Lek	-	00819

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
YMD	colon (:)	00500	AL	SQI	ISO-8859-1 Latin 1

Arabic (Feature 2954)

QCHRID	QDECfmt	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00235 00420	J	CLB	Dollar (\$)	Slash (/)	01089

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
YMD	Comma (,)	00420	AA	ARA	ISO-8859-6

Belgian Dutch MNCS (Feature 2963)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00697 00500	J	BLI	F	Slash (/)	00819

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Colon (:)	00500	BE	NLB	ISO-8859-1 Latin 1

Belgium English (Feature 2909)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00697 00500	J	BLI	F	Slash (/)	00819

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Colon (:)	00500	BE	ENB	ISO-8859-1 Latin 1

Belgian French MNCS (Feature 2966)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00697 00500	J	BLI	F	Slash (/)	00819

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Colon (:)	00500	BE	FRB	ISO-8859-1 Latin 1

Brazilian Portuguese (Feature 2980)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00697 00037	J	BRB	Cruzeiro (\$)	Slash (/)	00819

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Colon (:)	00037	BR	PTB	ISO-8859-1 Latin 1

Bulgarian (Feature 2974)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
01150 01025	J	BGB	Lv	-	00915

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
YMD	colon (:)	01025	BG	BGR	ISO-8859-5

Canadian French MNCS (Feature 2981)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00697 00500	J	CAI	Dollar (\$)	Hyphen (-)	00819

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
YMD	Colon (:)	00500	CA	FRC	ISO-8859-1 Latin 1

Croatian (Feature 2912)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00959 00870	Blank	YGI	Croatian Kuna (K)	Hyphen (-)	00912

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
YMD	Colon (:)	00870	HR	HRV	ISO-8859-2Latin 2

Czech (Feature 2975)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00959 00870	J	CSB	Ceske Koruna (K)	Hyphen (-)	00912

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
YMD	Colon (:)	00870	CZ	CSY	ISO-8859-2Latin 2

Danish (Feature 2926)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00697 00277	J	DMB	Colon (:)	Hyphen (-)	00819

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Period (.)	00277	DK	DAN	ISO-8859-1 Latin 1

Dutch Netherlands (Feature 2923)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00697 00037	J	NEB	Dollar \$	Hyphen (-)	00819

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Colon (:)	00037	NL	NLD	ISO-8859-1 Latin 1

English Uppercase (Feature 2950)

If English Uppercase is installed, you must respond to messages in uppercase rather than lowercase.

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00697 00037	Blank	USB	Dollar (\$)	Slash (/)	00819

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
MDY	Colon (:)	00037	GB	ENP	ISO-8859-1 Latin 1

English Uppercase and Lowercase (Feature 2924)

QCHRID	QDECfmt	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00697 00037	Blank	USB	Dollar (\$)	Slash (/)	00819

QDATfmt	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
MDY	Colon (:)	00037	US	ENU	ISO-8859-1 Latin 1

English Uppercase DBCS (Feature 2938)

If English Uppercase is installed, you must respond to messages in uppercase rather than lowercase.

QCHRID	QDECfmt	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00697 00037	Blank	JKB	Yen sign	Slash (/)	00819

QDATfmt	QTIMSEP	QCCSID ²	QCNTYID	QLANGID	Client Encoding Nomenclature
MDY	Colon (:)	65535	US	ENP	ISO-8859-1 Latin 1

Note:

1. The QIGC value is set to 1.
2. Because this national language version is not specific to any country or region, 65535 is used. You should change this system value to an appropriate CCSID after installing your system, or change the job or user profile CCSID attribute. Here are the recommended CCSID values and CHRID changes that occur.
 - 05026 is the CCSID for Japanese with no lowercase characters. The CHRID is set to 1172 290.
 - 01399 is the CCSID for Japanese with both uppercase and lowercase characters. The CHRID is set to 01172 01027.

System and product files not explicitly assigned a CCSID value will be assigned CCSID 05035 if DBCS capable and CCSID 01027 for SBCS only files.

English Uppercase and Lowercase DBCS (Feature 2984)

QCHRID	QDECfmt	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
01175 00037	Blank	TAB	Dollar (\$)	Slash (/)	00819

QDATfmt	QTIMSEP	QCCSID ²	QCNTYID	QLANGID	Client Encoding Nomenclature
MDY	Colon (:)	65535	US	ENU	ISO-8859-1 Latin 1

Note:

1. The QIGC value is set to 1.
2. Because this national language version is not specific to any country or region, 65535 is used. You should change this system value to an appropriate CCSID after installing your system, or change the job or user profile CCSID attribute. Here are the recommended CCSID values and CHRID changes.
 - 00937 is the CCSID for Traditional Chinese. The CHRID is set to 1175 00037
 - 00935 is the CCSID for Simplified Chinese. The CHRID is set to 01174 00836.
 - 00933 is the CCSID for Korean. The CHRID is set to 01173 00833.

Estonian (Feature 2902)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
01307 01122	J	ESB	kr	-	00819

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Colon (:)	01122	EE	EST	ISO-8859-1 Latin 1

Farsi (Feature 2998)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
01219 01097	J	IRB	Farsi Riyal	Slash (/)	

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Colon (:)	01097	IR	FAR	-

Finnish (Feature 2925)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00697 00278	J	FNB	F	Period (.)	00819

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Period (.)	00278	FI	FIN	ISO-8859-1 Latin 1

French (Feature 2928)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00697 00297	J	FAB	F	Slash (/)	00819

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Colon (:)	00297	FR	FRA	ISO-8859-1 Latin 1

French MNCS (Feature 2940)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00697 00500	J	SFI	F	Slash (/)	00819

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Colon (:)	00500	CH	FRS	ISO-8859-1 Latin 1

German (Feature 2929)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00697 00273	J	AGB	Dollar (\$)	Period (.)	00819

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Colon (:)	00273	DE	DEU	ISO-8859-1 Latin 1

German MNCS (Feature 2939)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00697 00500	J	AGI	Dollar (\$)	Period (.)	00819

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Comma (,)	00500	CH	DES	ISO-8859-1 Latin 1

Greek (Feature 2957)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00925 00875	J	GNB	Dollar (\$)	Slash (/)	00813

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Colon (:)	00875	GR	ELL	ISO-8859-7 Greek

Hebrew (Feature 2961)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00941 00424	Blank	NCB	Shin (GCGID HS210000, code point X'69' on code page 00424)	Slash (/)	00916

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Colon (:)	00424	IL	HEB	ISO-8859-8

Hungarian (Feature 2976)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00959 00870	J	HNB	Forint (F)	Hyphen (-)	00912

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
YMD	Colon (:)	00870	HU	HUN	ISO-8859-2 Latin 2

Icelandic (Feature 2958)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00697 00871	J	ICB	Dollar (\$)	Hyphen (-)	00819

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Colon (:)	00871	IS	ISL	ISO-8859-1 Latin 1

Italian (Feature 2932)

QCHRID	QDECfmt	QKBDTYPE	QCURLSYM	QDATSEP	Internet CCSID
00697 00280	Blank	ITB	Lira sign	Slash (/)	00819

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Period (.)	00280	IT	ITA	ISO-8859-1 Latin 1

Italian MNCS (Feature 2942)

QCHRID	QDECfmt	QKBDTYPE	QCURLSYM	QDATSEP	Internet CCSID
00697 00500	Blank	ITI	Lira sign	Slash (/)	00819

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Comma (,)	00500	CH	ITS	ISO-8859-1 Latin 1

Japanese (Katakana) DBCS (Feature 2962)

QCHRID	QDECfmt	QKBDTYPE	QCURLSYM	QDATSEP	Internet CCSID
01172 00290	Blank	JKB	Yen sign	Hyphen (-)	00942

QDATFMT	QTIMSEP	QCCSID ²	QCNTYID	QLANGID	Client Encoding Nomenclature
YMD	Colon (:)	05026	JP	JPN	ShiftJIS

Notes:

1. The QIGC system value is set to 1.
2. This is the recommended QCCSID value if you want to use CDRA support. For all NLVs, the default QCCSID value is 65535.

Korean DBCS (Feature 2986)

QCHRID	QDECfmt	QKBDTYPE	QCURLSYM	QDATSEP	Internet CCSID
01173 00833	Blank	KOB	WON sign	Period (.)	00949

QDATFMT	QTIMSEP	QCCSID ²	QCNTYID	QLANGID	Client Encoding Nomenclature
YMD	Colon (:)	00933	KR	KOR	EUC Korean

Notes:

1. The QIGC system value is set to 1.
2. This is the recommended QCCSID value if you want to use CDRA support. For all NLVs, the default QCCSID value is 65535.

Laotian (Feature 2906)

QCHRID	QDECfmt	QKBDTYPE	QCURLSYM	QDATSEP	Internet CCSID
1341 1132	J	LAB	KIP	Slash (/)	

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Colon (:)	01132	LA	LAO	

Latvian (Feature 2904)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
01305 01112	J	LVB	Ls	Period (.)	00921

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
YMD	Colon (:)	01112	LV	LVA	ISO-8859-4

Lithuania (Feature 2903)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
01305 01112	J	LTB	Lt	Period (.)	00921

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
YMD	Colon (:)	01112	LT	LTU	ISO-8859-4

Macedonian (Feature 2913)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
01150 01025	J	MKB	Den	-	00915

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
YMD	Colon (:)	01025	MK	MKD	Cyrillic (Win1251)

Norwegian (Feature 2933)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00697 00277	J	NWB	Dollar (\$)	Period (.)	00819

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Colon (:)	00277	NO	NON	ISO-8859-1 Latin 1

Polish (Feature 2978)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00959 00870	J	PLB	Polish Zloty (Z)	Hyphen (-)	00912

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
YMD	Colon (:)	00870	PL	PLK	ISO-8859-2Latin 2

Portuguese (Feature 2922)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00697 00037	J	PRB	Escudo (\$)	Slash (/)	00819

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Colon (:)	00037	PT	PTG	ISO-8859-1 Latin 1

Portuguese MNCS (Feature 2996)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00697 00500	J	PRI	Escudo (\$)	Hyphen (-)	00819

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Colon (:)	00500	PT	PTG	ISO-8859-1 Latin 1

Romanian (Feature 2992)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00959 00870	J	RMB	lei	Period (.)	00912

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
YMD	Colon (:)	00870	RO	ROM	ISO-8859-2Latin 2

Russian (Feature 2979)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
01150 01025	J	RUB	Ruble (GCGID KR02000 - character X'DE' on code page 1025)	Slash (/)	1251

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Period (.)	01025	RU	RUS	Cyrillic (Win1251)

Serbian (Feature 2914)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
01150 01025	J	SQB	Din	-	00915

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
YMD	Period (.)	01025	SQ	SRB	ISO-8859-5

Simplified Chinese DBCS (Feature 2989)

QCHRID ²	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
01174 00836	Blank	RCB	Dollar (\$)	Period (.)	01381

QDATFMT	QTIMSEP	QCCSID ³	QCNTYID	QLANGID	Client Encoding Nomenclature
YMD	Colon (:)	00935	CN	CHS	GB SimpChin

Notes:

1. The QIGC value is set to 1.
2. For Version 1 Release 2 and Release 3, the character set and code page is 00101 00037.
3. This is the recommended QCCSID value if you want to use CDRA support.

Slovakian (Feature 2994)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00959 00870	J	SKB	Slovak Koruna (K)	Hyphen (-)	00912

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
YMD	Colon (:)	00870	SK	SKY	ISO-8859-2Latin 2

Slovenian (Feature 2911)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00959 00870	Blank	YGI	Slovenian Tolar (T)	Hyphen (-)	00912

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
YMD	Colon (:)	00870	SI	SLO	ISO-8859-2Latin 2

Spanish (Feature 2931)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00697 00284	J	SPB	Dollar (\$)	Slash (/)	00819

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Colon (:)	00284	ES	ESP	ISO-8859-1 Latin 1

Swedish (Feature 2937)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
00697 00278	J	SWB	Dollar (\$)	Hyphen (-)	00819

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
YMD	Period (.)	00278	SE	SVE	ISO-8859-1 Latin 1

Thai (Feature 2972)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
01279 00838	Blank	THB	Baht sign	Slash (/)	01066

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Colon (:)	09030	TH	THA	IBM 874

Traditional Chinese DBCS (Feature 2987)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
01175 00037	Blank	TAB	Dollar (\$)	Slash (/)	00950

QDATFMT	QTIMSEP	QCCSID ²	QCNTYID	QLANGID	Client Encoding Nomenclature
YMD	Colon (:)	00937	TW	CHT	BIG5

Notes:

1. The QIGC system value is set to 1.
2. This is the recommended QCCSID value if you want to use CDRA support. For all NLVs, the default QCCSID value is 65535.

Turkish (Feature 2956)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP	Internet CCSID
01152 01026	J	TKB	Dollar (\$)	Slash (/)	00920

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID	Client Encoding Nomenclature
DMY	Colon (:)	01026	TR	TRK	ISO-8859-9 Turkish

System values for other languages with no national language version

The following tables show some of the system values associated with languages and countries that do not have a national language version. The system values must be set immediately after receiving the system or after initially installing the operating system.

You also have to change the message, CPX8416, in the QCPFMSG message file in library QSYS to reflect the changed system values.

Afrikaans (South Africa) (see page 22)
 Australian English (Australia) (see page 23)
 Byelorussia (Belarus) (see page 23)
 Irish Gaelic (Ireland) (see page 23)

Serbian Latin (Serbia) (see page 23)
 Spanish (Argentina) (see page 23)
 UK English (United Kingdom) (see page 24)
 Vietnamese (Feature 2905) (see page 24)

Afrikaans (South Africa)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP
00697 00037	J	USB	rand	hyphen (-)

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID
YMD	colon (:)	00037	ZA	AFR

Australian English (Australia)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP
00697 00037	J	USB	dollar	slash (/)

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID
DMY	period (.)	00037	AU	ENA

Byelorussia (Belarus)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP
01150 01025		RUB		

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID
		01025	BY	BEL

Irish Gaelic (Ireland)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP
00697 00285	J	UKB	punt	slash (/)

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID
DMY	colon (:)	00285	IE	GAE

Serbian Latin (Serbia)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP
00859 00870	blank	YGI		

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID
		00870	SQ	SRL

Spanish (Argentina)

QCHRID	QDECFMT	QKBDTYPE	QCURSYM	QDATSEP
00697 00284	J	SSB	Austral (\$)	slash (/)

QDATFMT	QTIMSEP	QCCSID	QCNTYID	QLANGID
DMY	period (.)	00284	AR	ESP

UK English (United Kingdom)

QCHRID	QDECfmt	QKBDTYPE	QCURSYM	QDATSEP
00697 00285	J	UKB	pound	slash (/)

QDATfmt	QTIMSEP	QCCSID	QCNTYID	QLANGID
DMY	colon (:)	00285	GB	ENG

Vietnamese (Feature 2905)

QCHRID	QDECfmt	QKBDTYPE	QCURSYM	QDATSEP
1336 1130	J	VNB	DONG	Slash (/)

QDATfmt	QTIMSEP	QCCSID	QCNTYID	QLANGID
DMY	colon (:)	01130	VN	VNM

Keyboard reference information

The following topics provide useful information about keyboards for use with iSeries servers:

- Keyboard layouts
- SBCS keyboard and display part numbers by language
- Special-character keyboard set
- Keyboard types and SBCS code pages

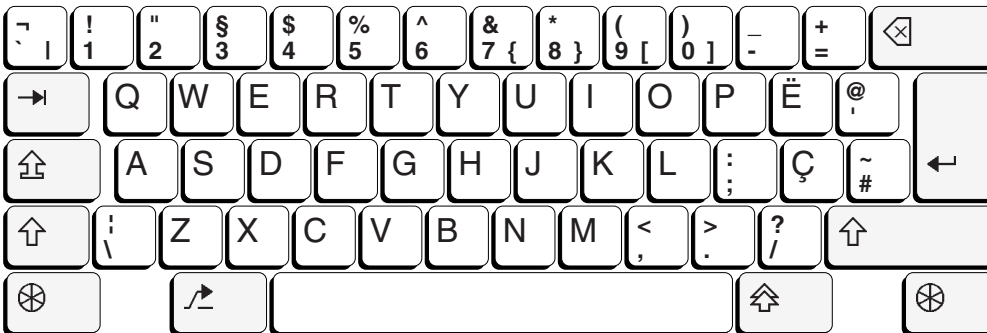
Keyboard layouts

The following keyboard layout samples are provided for your information. The special-character keyboard set is available only with the enhanced keyboard.

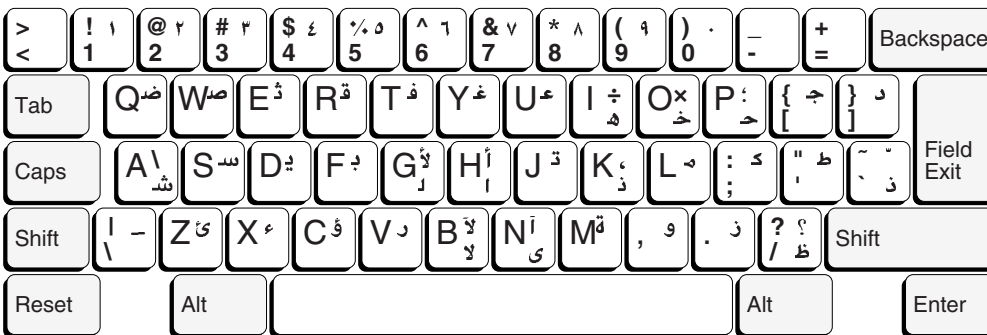
- Albanian
- Arabic
- Austrian German
- Belgian Multinational
- Brazilian Portuguese
- Bulgarian Cyrillic
- Canadian French
- Croatian IBM enhanced
- Czech
- Danish
- Dutch
- Farsi
- Finnish/Swedish
- French (Azerty)
- Greek
- Hebrew
- Hebrew, Latin
- Hungarian
- Italian
- Japanese

- Korean
- Macedonian
- Norwegian
- Polish
- Portuguese
- Romanian
- Russian
- Serbian Cyrillic
- Slovakian
- Slovenian
- Spanish-speaking
- Spanish IBM enhanced
- Swiss-bilingual-French
- Swiss-bilingual-German
- Traditional Chinese
- Turkish
- U.K. English
- U.S. English

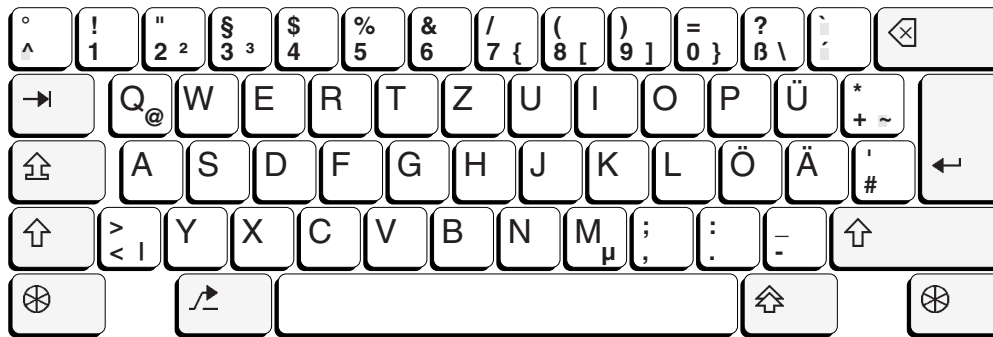
Albanian IBM Enhanced Keyboard:



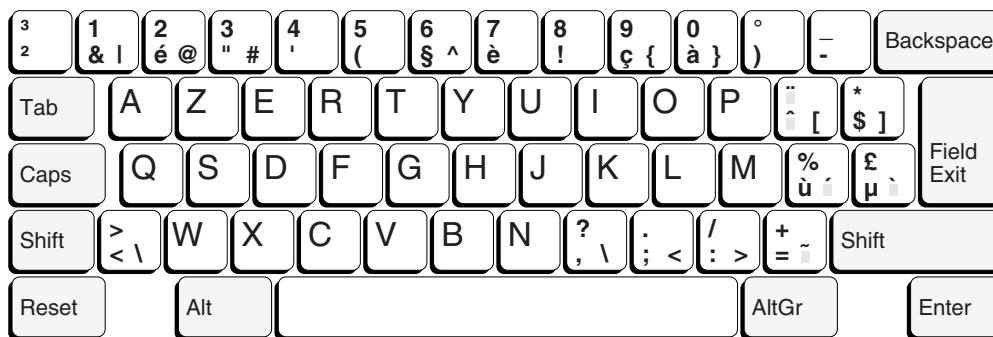
Arabic IBM Enhanced Keyboard:



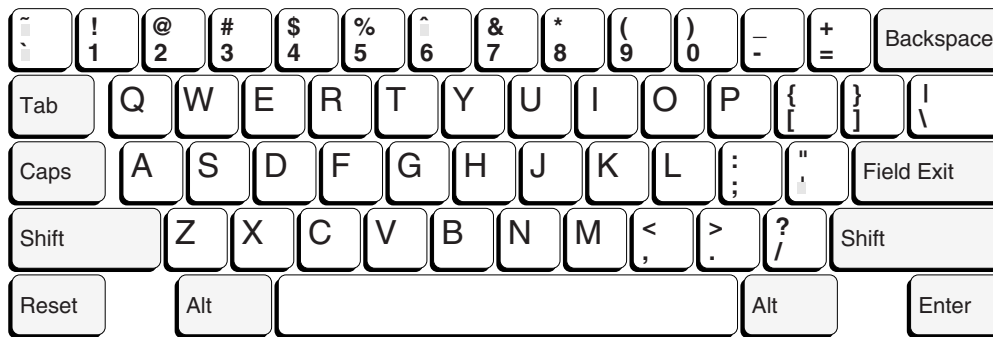
Austrian German IBM Enhanced Keyboard:



Belgian Multinational IBM Enhanced Keyboard:



Brazilian Portuguese IBM Enhanced Keyboard:



This U.S. keyboard is used to enter Brazilian Portuguese characters. Accented characters for use in Brazil are generated using key combinations as shown in the following table. To produce the accented characters, press the key and character at the same time.

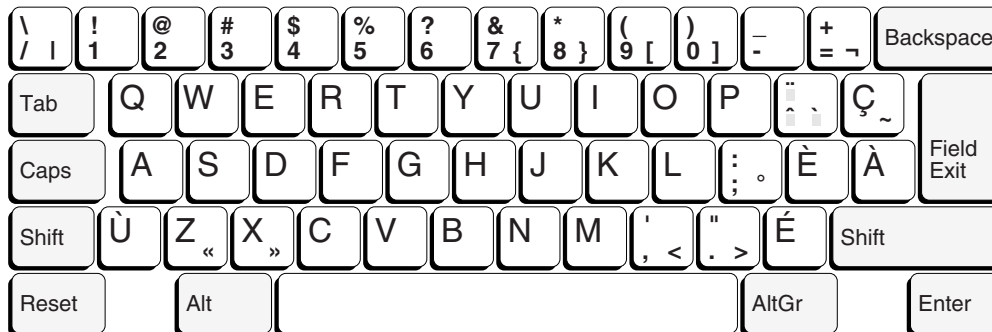
Accent	Key	Valid characters	Example result
Accent acute '	' (apostrophe)	a, e, i, o, u, A, E, I, O, U	á
Accent grave `	` (accent grave)	a, e, i, o, u, A, E, I, O, U	à

Accent	Key	Valid characters	Example result
Diaeresis ¨	" (double quote)	a, e, i, o, u, A, E, I, O, U	ä
Tilde ~	~ (tilde)	a, o, n, A, O, N	ã
Circumflex ^	^ (caret)	a, e, i, o, u, A, E, I, O, U	å

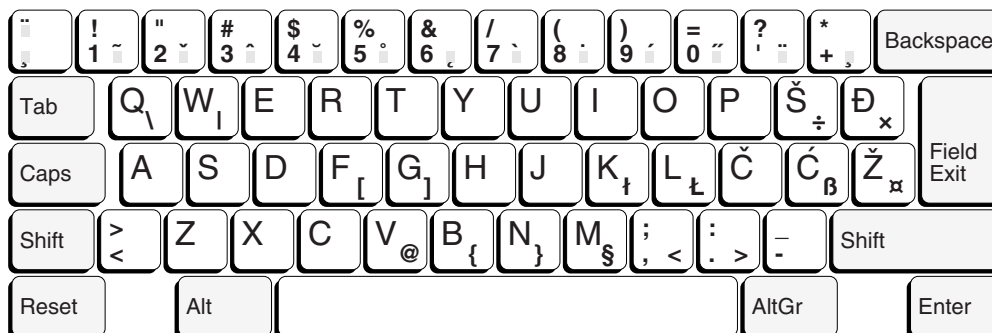
Bulgarian Cyrillic IBM Enhanced Keyboard:



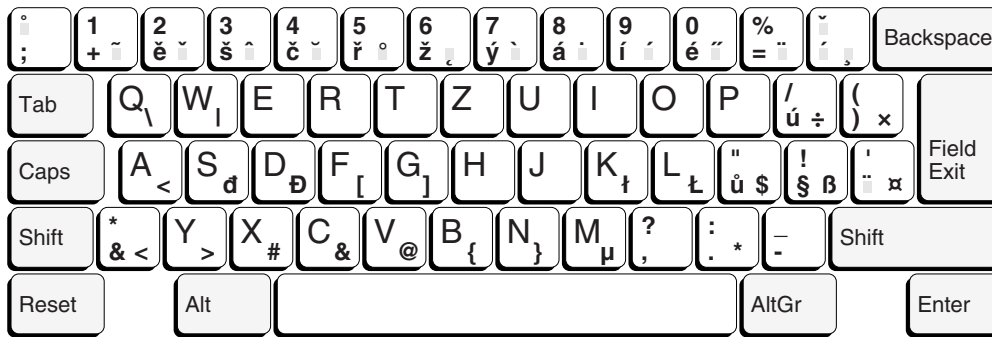
Canadian French IBM Enhanced Keyboard:



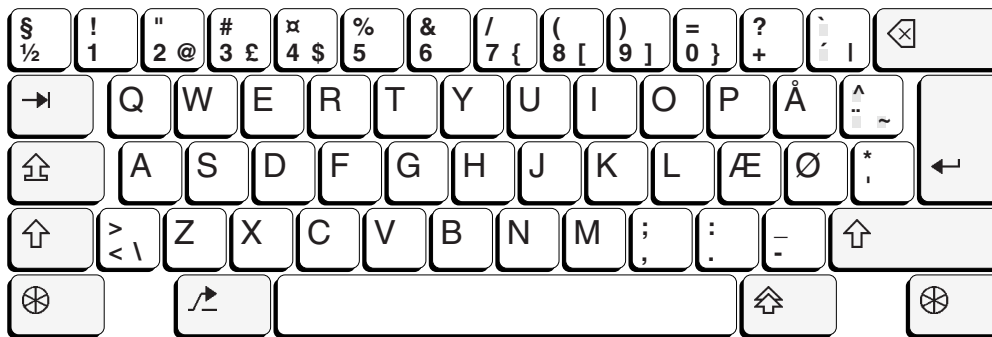
Croatian IBM Enhanced Keyboard:



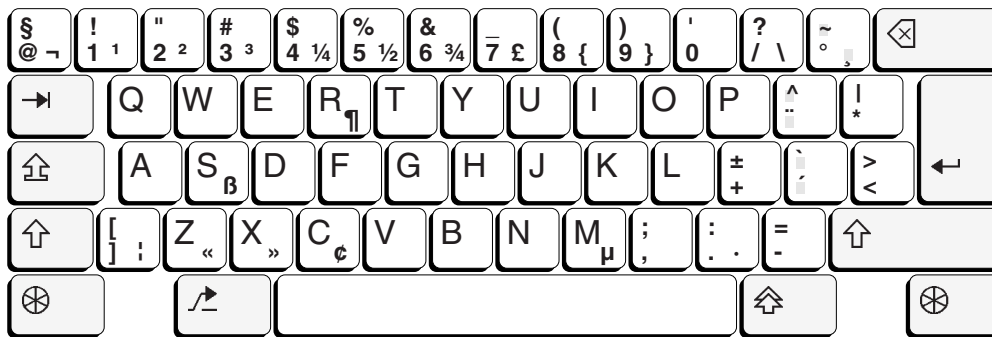
Czech IBM Enhanced Keyboard:



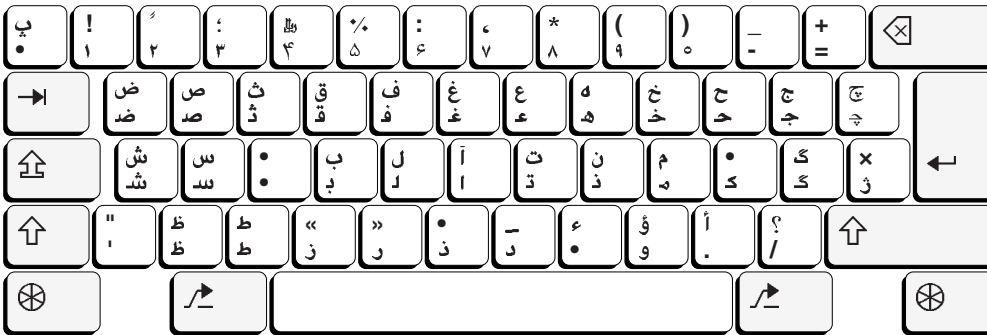
Danish IBM Enhanced Keyboard:



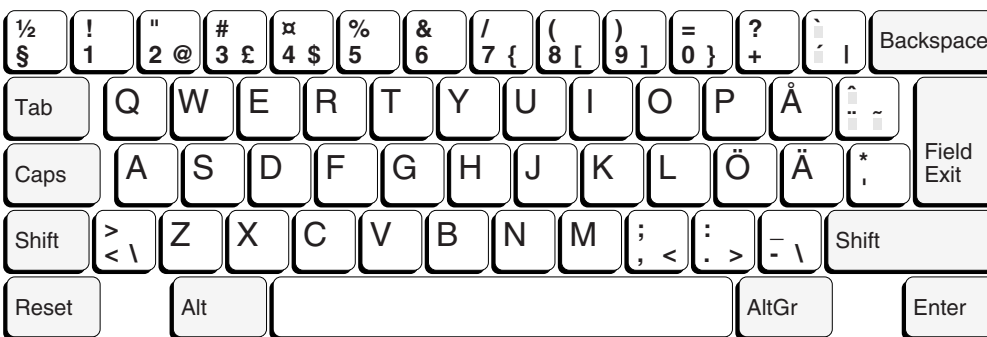
Dutch IBM Enhanced Keyboard:



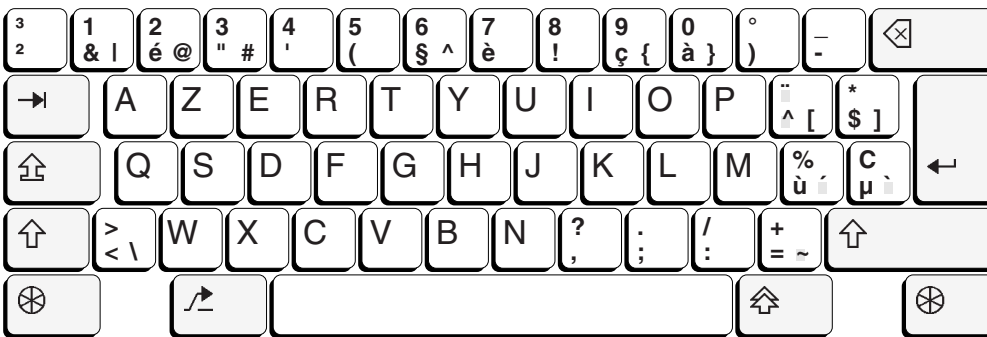
Farsi IBM Enhanced Keyboard:



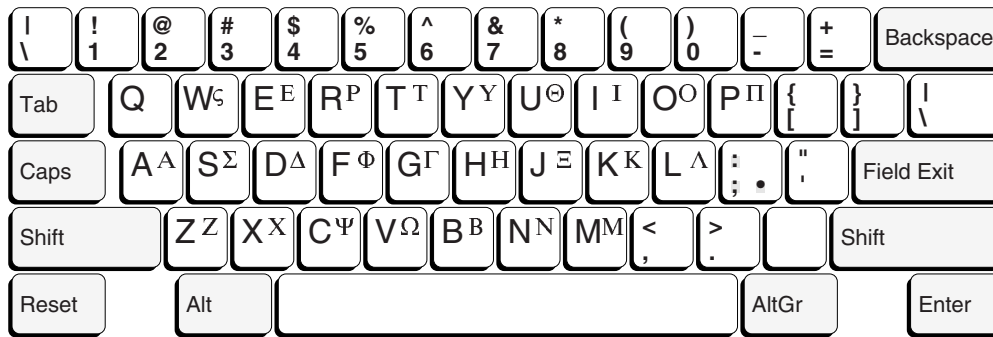
Finnish/Swedish IBM Enhanced Keyboard:



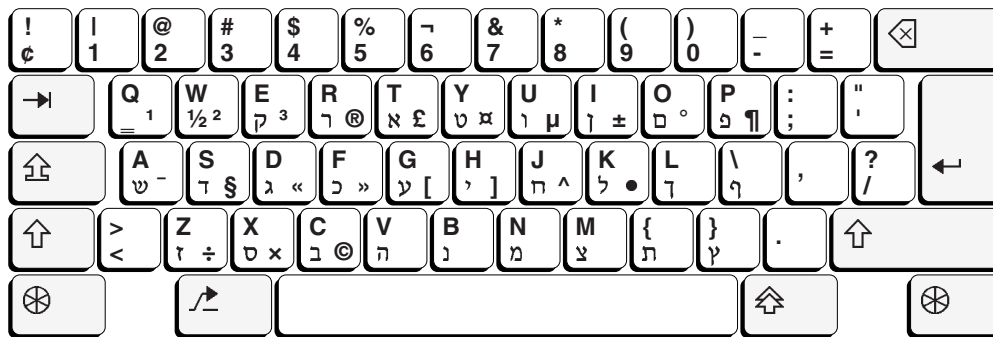
French (AZERTY) IBM Enhanced Keyboard:



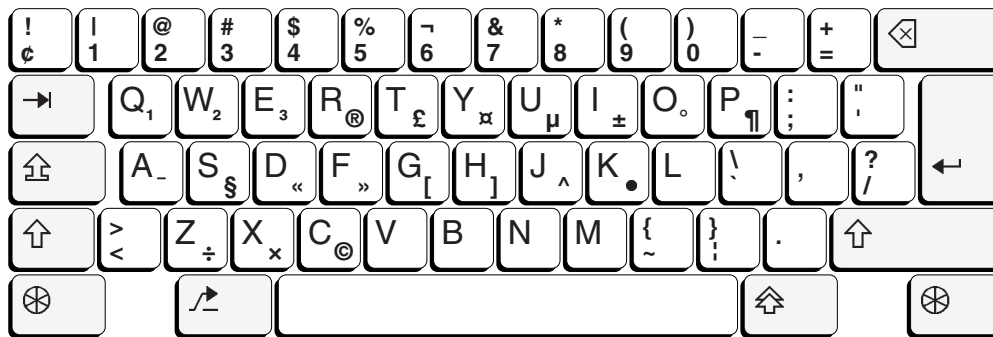
Greek IBM Enhanced Keyboard:



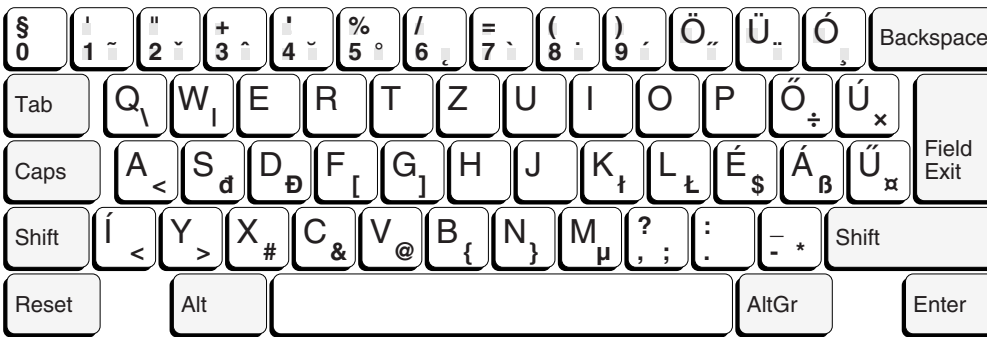
Hebrew IBM Enhanced Keyboard:



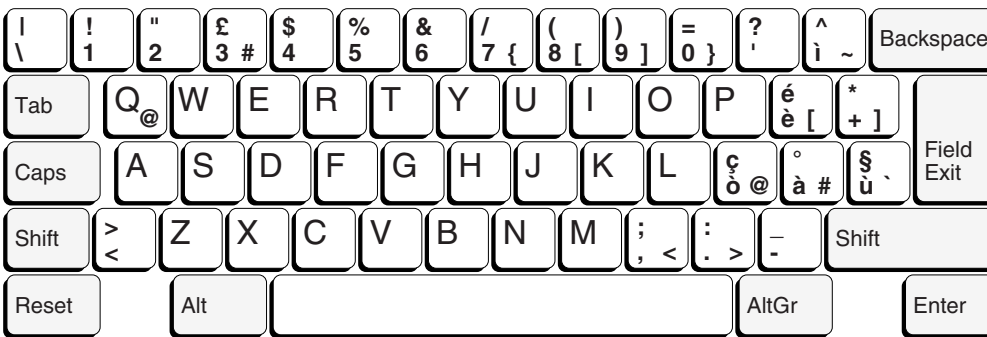
Hebrew, Latin IBM Enhanced Keyboard:



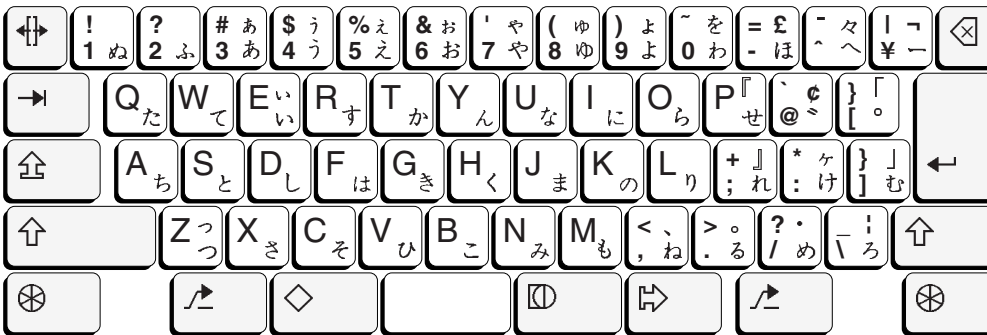
Hungarian IBM Enhanced Keyboard:



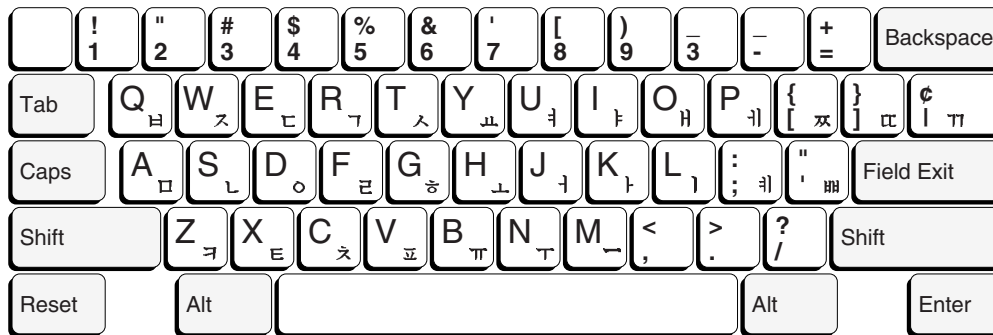
Italian IBM Enhanced Keyboard:



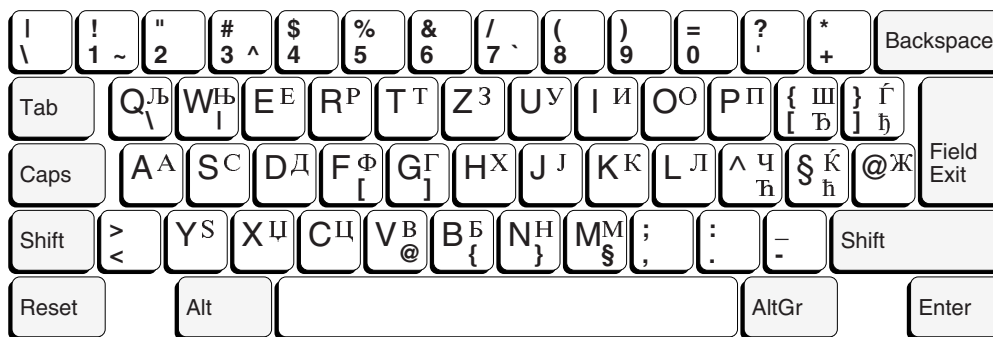
Japanese IBM Enhanced Keyboard:



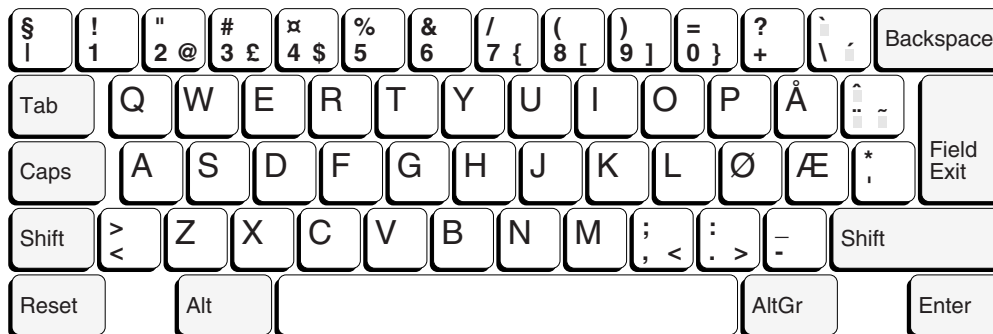
Korean IBM Enhanced Keyboard:



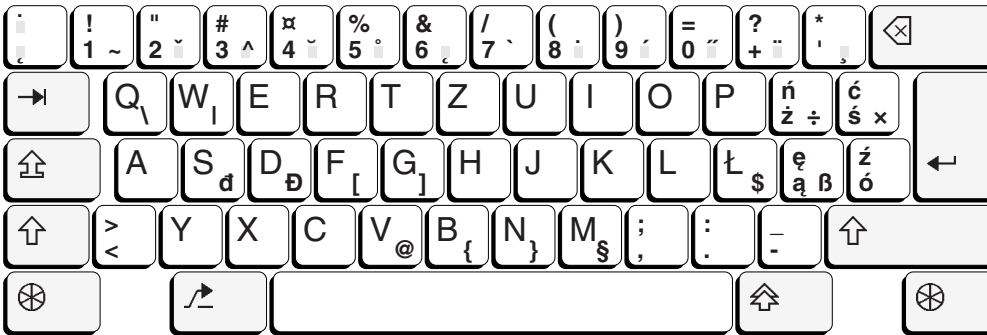
Macedonian IBM Enhanced Keyboard:



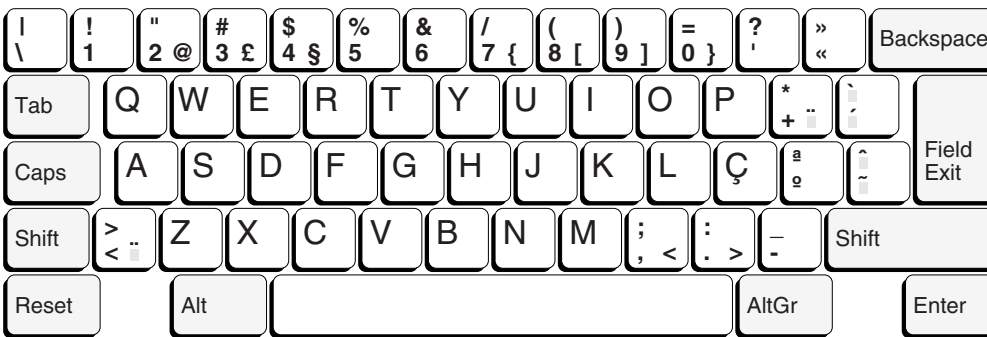
Norwegian IBM Enhanced Keyboard:



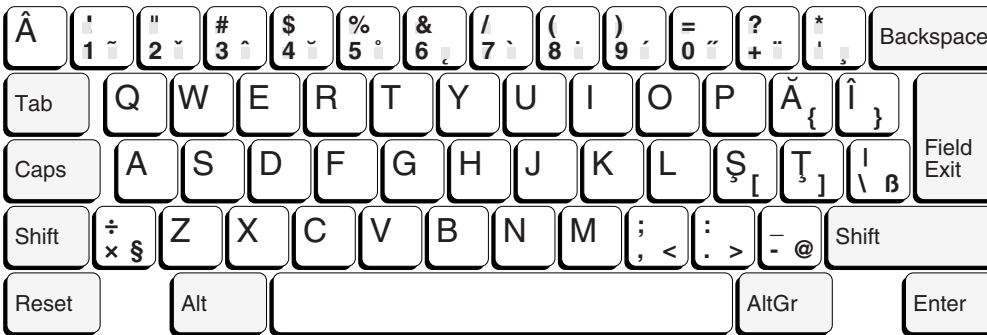
Polish IBM Enhanced Keyboard:



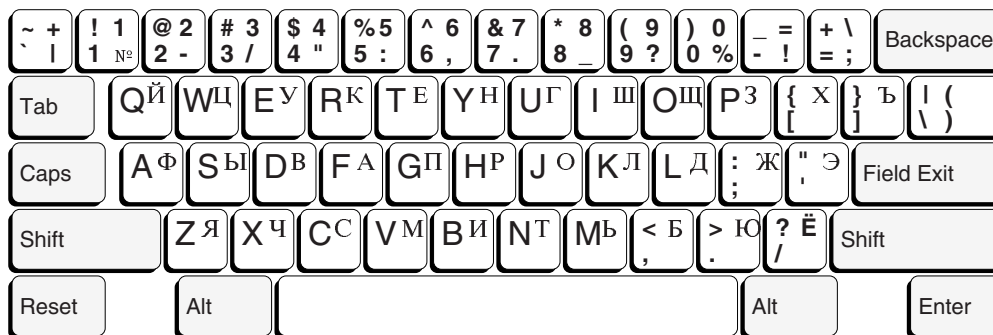
Portuguese IBM Enhanced Keyboard:



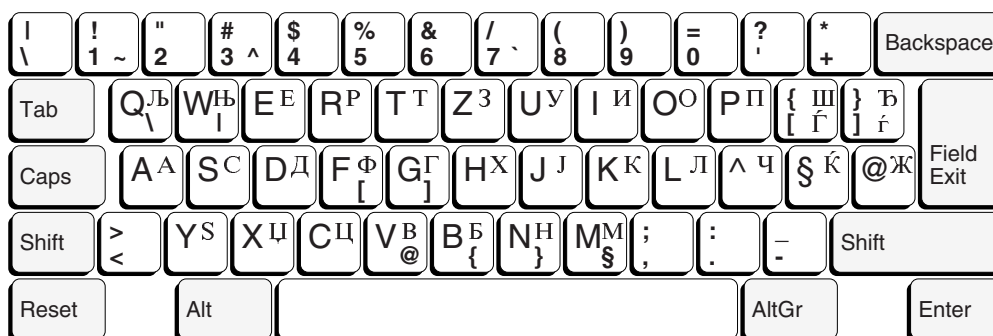
Romanian IBM Enhanced Keyboard:



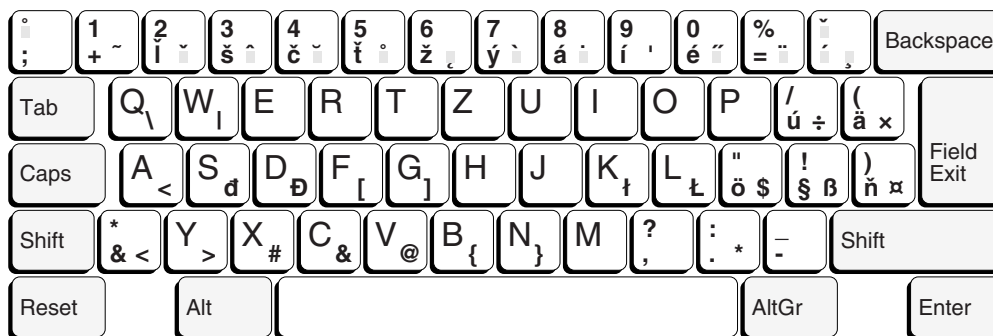
Russian IBM Enhanced Keyboard:



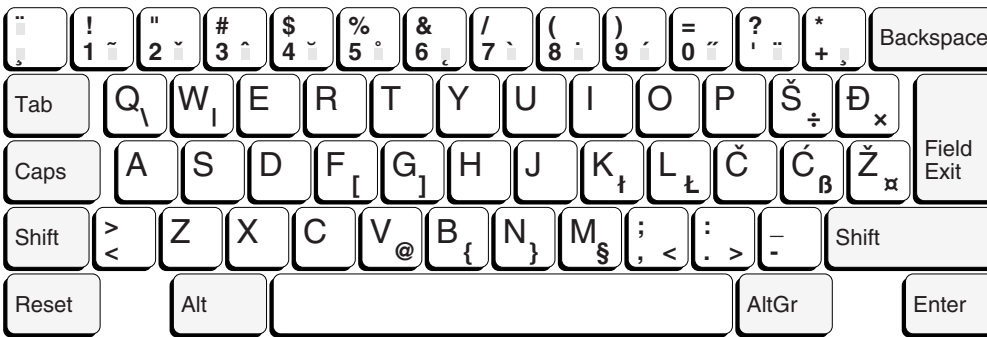
Serbian Cyrillic IBM Enhanced Keyboard:



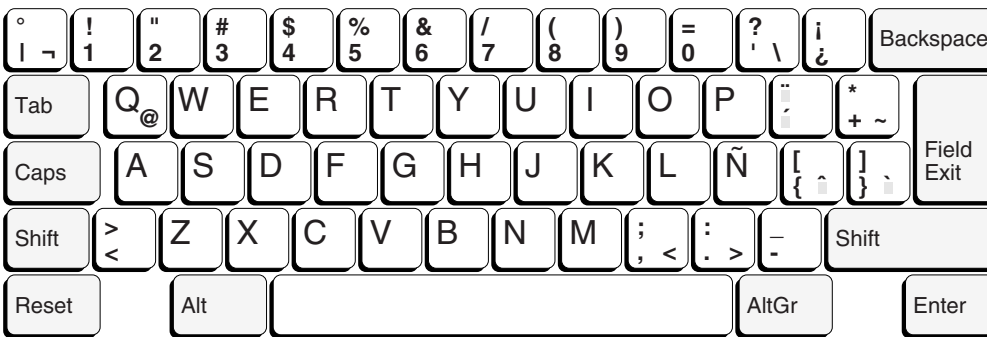
Slovakian IBM Enhanced Keyboard:



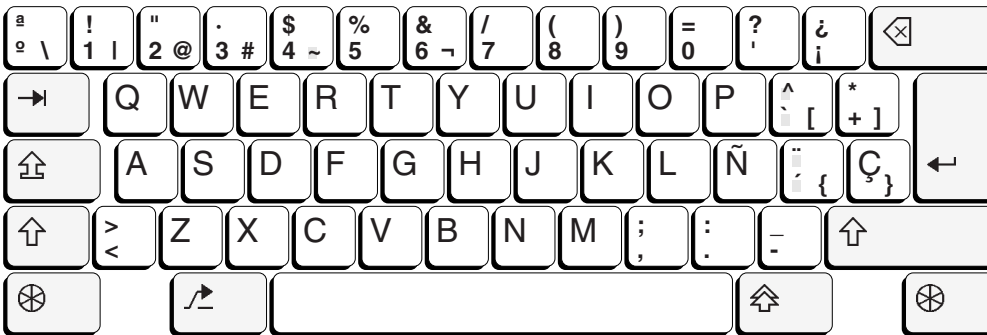
Slovenian IBM Enhanced Keyboard:



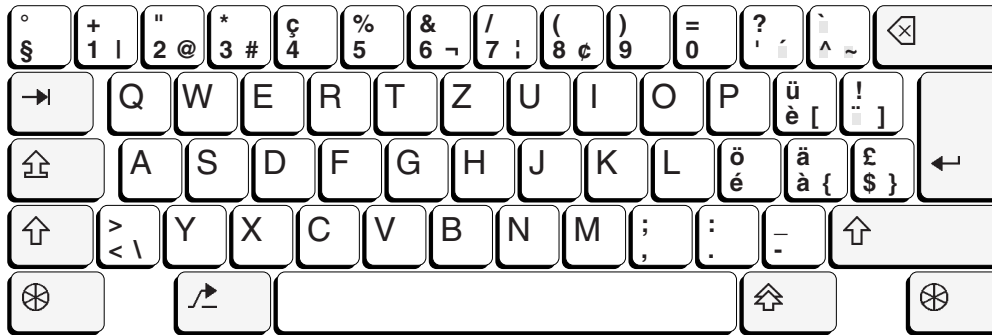
Spanish-Speaking IBM Enhanced Keyboard:



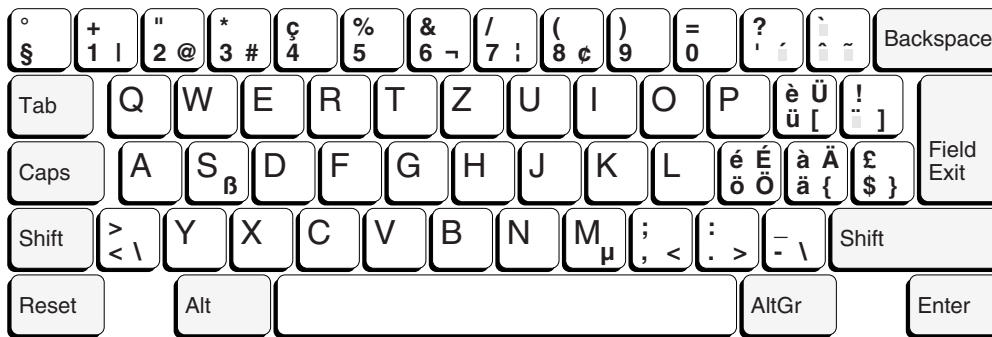
Spanish IBM Enhanced Keyboard:



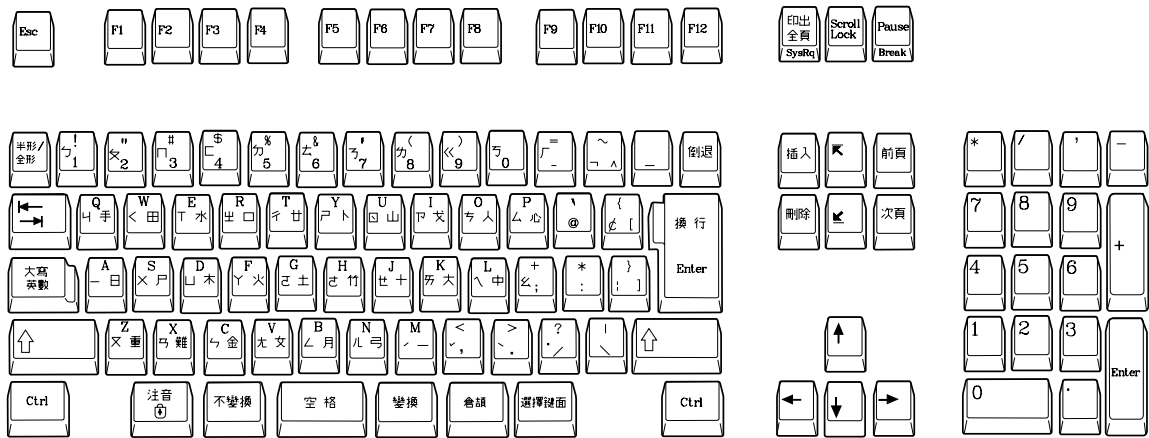
Swiss-Bilingual-French IBM Enhanced Keyboard:



Swiss-Bilingual-German IBM Enhanced Keyboard:

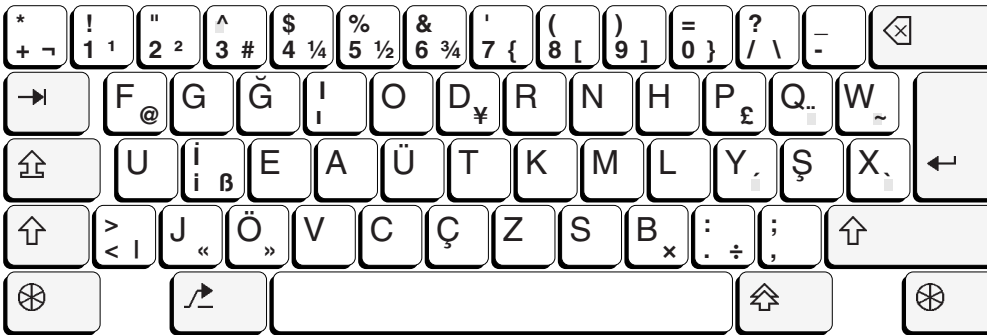


Traditional Chinese IBM Enhanced Keyboard:

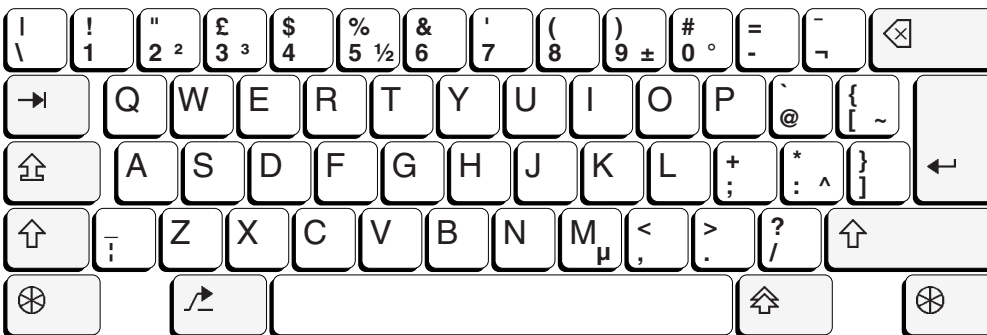


RV2C279-0

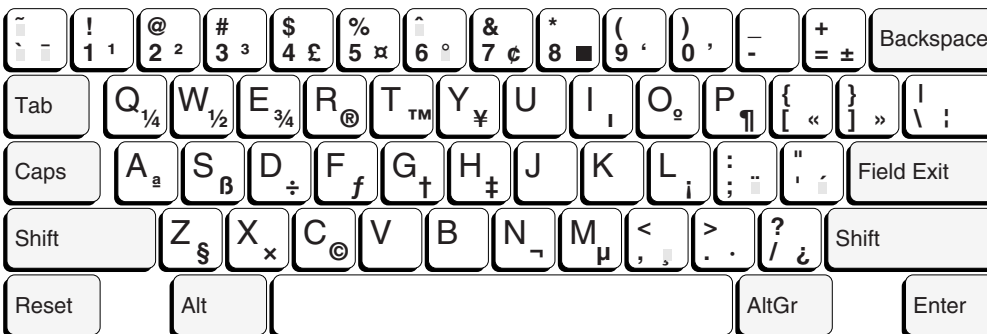
Turkish IBM Enhanced Keyboard:



U.K. English IBM Enhanced Keyboard:



U.S. English IBM Enhanced Keyboard:



SBCS keyboard and display part numbers by language

The following tables list the part numbers of the SBCS displays and keyboards that should be used for each language or country supported by iSeries servers. Users of a particular national language version can verify if they have the correct display and keyboard by checking part numbers. The keyboard numbers are printed on the bottom of the keyboards. If the keyboard or display for that language is not correct, the characters displayed may not be correct.

The following topics are provided:

- 3477 and 3476 keyboard and display part numbers (see page 38)
- 3486, 3487, 3488 Model V, and 3489 keyboard and display part numbers by language (see page 40)
- Keyboard support for other devices (see page 49)

Determining display part numbers

To determine the part number for the model-unique Licensed Internal Code of the display, use the following procedure:

1. Press and hold any key on the keyboard while powering the display on.
2. Move the cursor to
 Test Workstation
 and press the Enter key.

Note: The text on the display contains a 7-digit number. This is the part number.

3477 and 3476 keyboard and display part numbers

The following table lists the part numbers for the 3477 and 3476 displays.

General list of displays: Most languages use the following set of displays. Differences are noted in the table.

- 38F5835
- 38F5843
- 38F5845
- 56F8934
- 65F2987
- 65F2995
- 79F2020
- 79F2029
- 79F2032
- 95F4167
- 95F4171
- 95F4174
- 64F9705
- 95F5908
- 79F5064
- 95F5911
- 79F7019
- 79F7020
- 79F7022
- 79F7025
- 95F4144
- 95F4146
- 07G2170
- 95F5941
- 95F5943
- 07G2172
- 07G2174
- 07G2176
- 38F7998
- 38F7999
- 23F1574
- 23F1585
- 56F9556
- 56F9557
- 56F9604

Language	KBDTYPE Parameter	1A (122-Key) Keyboard	G Keyboard	Displays
Arabic	CLB	1394332	1394436	38F5818, 56F8919, 65F2991, 65F2999, 79F2045, 79F2047, 95F4178, 95F5896, 79F7084, 79F7100, 95F5971, 95F5983, 23F1581, 56F9585, 38F8008
Austrian/German	AGB	1394312	1394416	See general list
Austrian/German MNCS	AGI	1394312	1394416	See general list
Belgian MNCS	BLI	1394313	1394417	See general list
Brazilian Portuguese	BRB	1394319	1394423	See general list
Canadian French	CAB	1395662	1395567	See general list
Canadian French MNCS	CAI	1395662	1395567	See general list
Cyrillic	CYB	1394329	1394433	38F5824, 56F8925, 65F2993, 65F3001, 79F5045, 79F5047, 95F5893, 95F5905, 79F7097, 95F4108, 95F5980, 07G2167, 23F1584, 56F9596
Danish	DMB	1394314	1394418	See general list
Danish MNCS	DMI	1394314	1394418	See general list

Language	KBDTYPE Parameter	1A (122-Key) Keyboard	G Keyboard	Displays
Finnish/Swedish	FNB	1394315	1394419	See general list
Finnish/Swedish MNCS	FAB	1394315	1394419	See general list
French (Azerty)	FAB	1394316	1394420	See general list
French (Azerty) MNCS	FAI	1394316	1394420	See general list
Greek (Code Page 00875)	GNB	1396767	1396768	56F9587, 79F7039, 79F7048, 79F7040, 79F7049, 95F5922, 95F5925, 95F5923, 95F5926
Greek (Code Page 00423)	GKB	1394325	1394429	56F9587, 23F1582, 56F8958, 56F8960, 56F8959, 56F8961, 79F2049, 79F5043, 79F2050, 79F5044, 95F5885, 95F5899, 95F5886, 95F5900
Hebrew	NCB	1394331	1394435	23F1583, 56F9595, 79F7094, 95F4105, 95F5977, 07G2164, 38F5822, 56F8923, 65F2989, 65F2997, 79F2041, 79F2043, 95F5889, 95F5902
Icelandic	ICB	1394330	1394434	38F5820, 56F8921, 56F8958, 56F8960, 79F5043, 79F2049, 95F5885, 95F5899, 23F1582, 56F9587, 79F7087, 95F4102, 95F5974, 07G2161
Icelandic MNCS	ICI	1394330	1394434	Same as Icelandic
Italian	ITB	1394317	1394421	See general list
Italian MNCS	ITI	1394317	1394421	See general list
Japanese Katakana	KAB	1395664	1395669	See general list
Latin 2	ROB	1394328	1394432	38F5824, 56F8925, 65F2993, 65F3001, 79F5045, 79F5047, 95F5893, 95F5905, 79F7097, 95F4108, 95F5980, 07G2167, 23F1584, 56F9596
Dutch (Netherlands)	NEB		1394427	See general list
Dutch (Netherlands) MNCS	NEI		1394427	See general list
Norwegian	NWB	1394318	1394422	See general list
Norwegian MNCS	NWI	1394318	1394422	See general list
Portuguese	PRB	1394319	1394423	See general list
Portuguese MNCS	PRI	1394319	1394423	See general list
Spanish	SPB	1394320	1394424	See general list
Spanish MNCS	SPI	1394320	1394424	See general list
Spanish Speaking	SSB	1395663	1395668	See general list
Spanish Speaking MNCS	SSI	1395663	1395668	See general list
Swedish	SWB	1394315	1394419	See general list
Swedish MNCS	SWI	1394315	1394419	See general list
French (Switzerland) MNCS	SFI	1394321	1394425	See general list
German (Switzerland) MNCS	SGI	1394322	1394426	See general list
Thai	THB		1395670	56F9597
English (United Kingdom)	UKB	1394324	1394428	See general list

Language	KBDTYPE Parameter	1A (122-Key) Keyboard	G Keyboard	Displays
English (United Kingdom) MNCS	UKI	1394324	1394428	See general list
English (United States/Canada)	USB	1395661, 1395660	1395666, 1395665	See general list
English (United States/Canada) MNCS	USI	1394167	1394193	See general list

3486, 3487, 3488 Model V, and 3489 keyboard and display part numbers by language

The following table lists the part numbers of the 3486, 3487, 3488 Model V, and 3489 displays and keyboards that should be used for each language or country supported by the iSeries server. Blank entries in the keyboard columns mean that keyboard part numbers are not available at this time.

Language	KBDTYPE Para- meter	1A (122-Key) Keyboard	G Keyboard	Displays
Arabic	CLB	1394332	1394436	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
Austrian/German	AGB	1394312	1394416	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
Austrian/German MNCS	AGI	1394312	1394416	Same as Austrian/German

Language	KBDTYPE Para- meter	1A (122-Key) Keyboard	G Keyboard	Displays
Belgian MNCS	BLI	1394313	1394417	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
Bulgarian	BGB		35G4741	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
French (Canada)	CAB	1395662	1395567	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
French (Canada) MNCS	CAI	1395662	1395567	Same as French (Canada)
Croatian	YGI	1394327	1394431	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727

Language	KBDTYPE Para- meter	1A (122-Key) Keyboard	G Keyboard	Displays
Czech	CSB		35G4743	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
Danish	DMB	1394314	1394418	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
Danish MNCS	DMI	1394314	1394418	Same as Danish
Finnish/Swedish	FNB	1394315	1394419	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
Finnish/Swedish MNCS	FNI	1394315	1394419	Same as Finnish/Swedish
French (Azerty)	FAB	1394316	1394420	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
French (Azerty) MNCS	FAI	1394316	1394420	Same as French (Azerty)

Language	KBDTYPE Para- meter	1A (122-Key) Keyboard	G Keyboard	Displays
Greek (Code Page 00875)	GNB	1396767	1396768	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
Greek (Code Page 00423)	GKB	1394325	1394429	Same as Greek (Code Page 00875)
Hebrew	NCB	1394331	1394435	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
Hungarian	HNB		35G4745	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
Farsi (Iran)	IRB	53G9084	53G9085	66G1721, 66G1727
Italian	ITB	1394317	1394421	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727

Language	KBDTYPE Para- meter	1A (122-Key) Keyboard	G Keyboard	Displays
Italian MNCS	ITI	1394317	1394421	Same as Italian
Japanese-Katakana	KAB	1395664	1395669	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
Macedonian	MKB		35G4740	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
Dutch (Netherlands)	NEB		1394427	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
Dutch (Netherlands) MNCS	NEI		1394427	Same as Dutch (Netherlands)
Norwegian	NWB	1394318	1394422	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
Norwegian MNCS	NWI	1394318	1394422	Same as Norwegian

Language	KBDTYPE Para- meter	1A (122-Key) Keyboard	G Keyboard	Displays
Polish	PLB		35G4746	66G1721, 66G1727
Portuguese	PRB	1394319	1394423	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
Portuguese MNCS	PRI	1394319	1394423	Same as Portuguese
Romanian	RMB		35G4747	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
Russian	RUB		35G4742	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
Serbian, Cyrillic	SQB		35G4740	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727

Language	KBDTYPE Para- meter	1A (122-Key) Keyboard	G Keyboard	Displays
Serbian, Latin	YGI	1394327	1394431	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
Slovakian	SKB		35G4744	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
Slovenian	YGI	1394327	1394431	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
Spanish	SPB	1394320	1394424	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
Spanish MNCS	SPI	1394320	1394424	Same as Spanish

Language	KBDTYPE Para- meter	1A (122-Key) Keyboard	G Keyboard	Displays
Spanish Speaking	SSB	1395663	1395668	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
Spanish Speaking MNCS	SSI	1395663	1395668	Same as Spanish Speaking
Swedish	SWB	1394315	1394419	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
Swedish MNCS	SWI	1394315	1394419	Same as Swedish
French (Switzerland) MNCS	SFI	1394321	1394425	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
German (Switzerland) MNCS	SGL	1394322	1394426	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
Thai	THB		1395670	07G8571, 06G5322, 06G5312

Language	KBDTYPE Para- meter	1A (122-Key) Keyboard	G Keyboard	Displays
Turkish (F)	TRB	35G4748	35G4749	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
Turkish (QWERTY)	TKB	1394326	1394430	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
English (United Kingdom)	UKB	1394324	1394428	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
English (United Kingdom) MNCS	UKI	1394324	1394428	Same as English (United Kingdom)
English (United States/Canada)	USB	1395661, 1395660	1395666, 1395665	06G5310, 06G5311, 06G5312, 06G5313, 06G5314, 06G5315, 06G5316, 06G5320, 06G5321, 06G5322, 06G5323, 06G5324, 06G5325, 06G5326, 06G5330, 06G5331, 06G5332, 06G5333, 06G5334, 06G5335, 06G5340, 06G5341, 06G5342, 06G5343, 06G5344, 06G5345, 07G8611, 07G8567, 07G8568, 07G8569, 06G8570, 07G8571, 07G8572, 06G5333, 06G5336, 66G1721, 66G1727
English (United States/Canada) MNCS	USI	1394167	1394193	Same as United States/Canada

Keyboard support for other devices

- Enhanced G and 122-key keyboards are not available for 5251, 5291, and 5292 display stations. These display stations use only the F keyboard (similar to the 122-key keyboard).
- The 3180 display station supports the 122-key keyboard but not the enhanced keyboard. The 3179, 3196, and 3197 support the 122-keyboard and the enhanced keyboard.
- The 3486, 3487, 3488 Model V, and 3489 display stations support all languages listed in 3477 and 3476 keyboard and display part numbers (see page 38) (except for Thai) on all base levels of hardware. No checking of the part numbers for the display stations is necessary.

Note: The 3488 Model V display station requires a special monitor to support some languages. The 3489 display station may also require a special monitor to support some languages.

- The 3486, 3487, 3488 Model V, and 3489 display stations do not need the correct language keyboard to show the code page for a language. The code page used by the display station matches what is specified in the configuration record. The 3488 Model V and 3489 display stations require a special monitor to support some languages.
- The 3488 Model H display station supports the following languages or countries on all levels of hardware. No checking of part numbers is necessary. The 3488 Model H display station does not need the correct language keyboard to show a code page for one of the supported languages. The code page used must match the one in the configuration record as long as it is among the supported languages.

Austrian/German

Belgian

French (Canada)

Danish

Dutch

Finnish/Swedish

French (with AZERTY keyboard)

Italian

Norwegian

Portuguese

Spanish

Swiss-French

Swiss-German

U.K. English

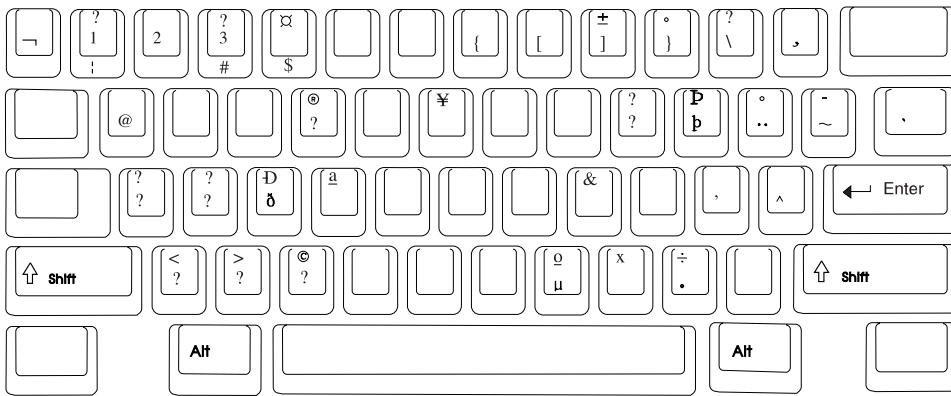
U.S. English

- The 3476, 3486, 3487, 3488, and 3489 display stations support the U.S. data entry keyboard (part numbers 35G4750 and 35G4751).
- The 3488 Model V and 3489 display stations also support the Brazilian Portuguese G keyboard (part number 63F1403).

Special-character keyboard set

The special-character keyboard set is available with the enhanced keyboard on most display stations. It allows a user to enter special characters that otherwise might not be available (labeled) on the keyboard. The following figure shows all the characters in the special keyboard set and the keys on the enhanced keyboard to which each character is assigned. A special character may be assigned to a lowercase, uppercase, or ALT position on a key.

You can order a special template package, SCX21-9950, that contains the special-character keyboard set.



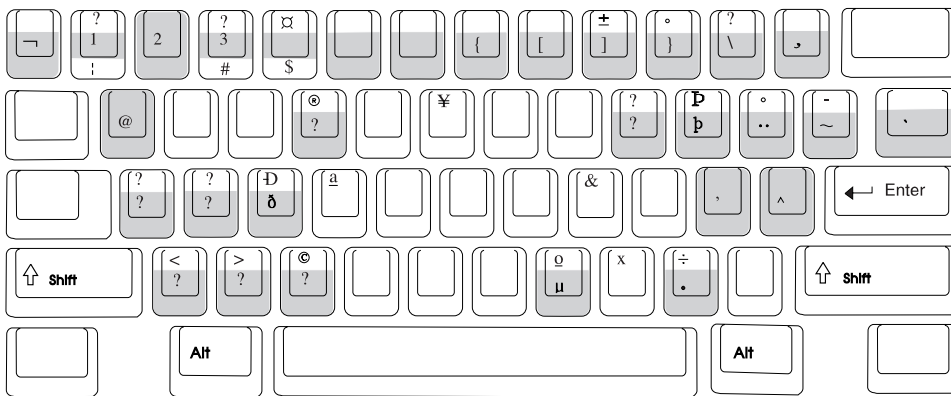
RV2C051-1

The special characters on the enhanced keyboard are used for this group of languages: Belgium, German, French, English, Icelandic, Italian, Spanish, Austrian, Danish, Portuguese, Swedish, Norwegian, Swiss/French, Swiss/German, Spanish Speaking, and Netherlands (Dutch).

Creating a special character

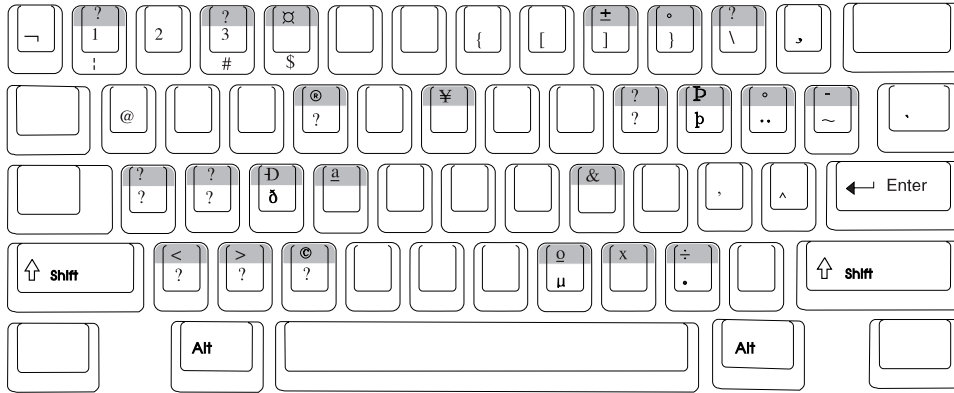
To create a special character, you press and hold the ALT key, and then press the Shift key. Next you press the key to which a special character is assigned. If a special character is assigned to an uppercase or ALT position, the shift or ALT key must be pressed in combination with the key assigned to the special character. The special-character keyboard function is active for only one special character at a time. The ALT and shift key sequence must be pressed prior to the entry of each special character.

The following figure highlights those special characters assigned to the lowercase positions.



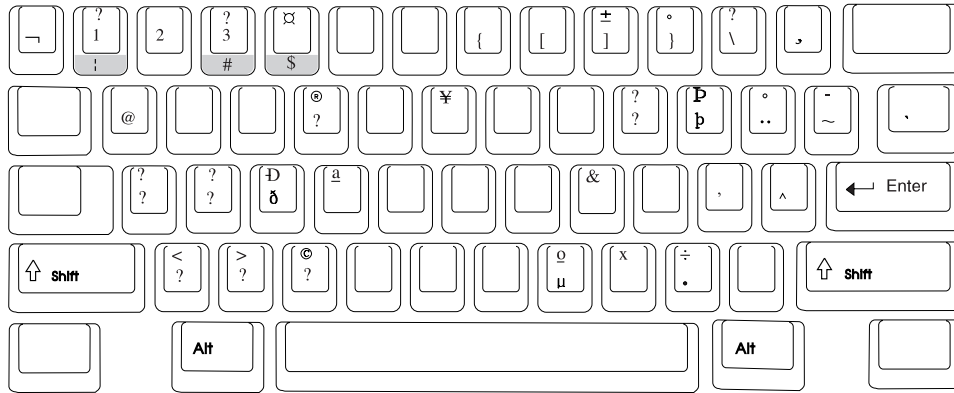
RV2C052-2

The following figure highlights the special characters assigned to the uppercase position.



RV2C053-1

The following figure highlights the special characters assigned to the ALT key positions.



RV2C054-1

Example: Special character

For example, if you wanted to create the

Å

for German on an English keyboard, you should do the following:

1. Press and hold the ALT key, and then press the Shift key.
2. Press the Shift key with the



RV2C057-1

key. The Diacritic mode symbol appears at the bottom of the screen and is waiting for the next keystroke to complete the character.

3. You now press the Shift key and the



RV2C056-0

key.

This produces the

Å

. If you press this key without also pressing the shift key, you would get

å

. The system accepts only uppercase or lowercase A.

National language keyboard types and SBCS code pages

The following table lists the keyboard types and code pages for each national language supported by the system. The Create Device Display (CRTDEV DSP) command uses the KBDTYPE parameter.

Language	KBDTYPE	EBCDIC character set	EBCDIC SBCS code page	EBCDIC CCSID
Albanian	ALI	00697	00500	00500
Arabic	CLB	00235	00420	00420
Austrian/ German	AGB	00697	00273	00273
Austrian/German (MNCS)	AGI	00697	00500	00500
Belgian MNCS	BLI	00697	00500	00500
Brazilian Portuguese	BRB	00697	00037	00037
Bulgarian	BGB	01150	01025	01025
Canadian French	CAB	00341	00260	65535
Canadian French MNCS	CAI	00697	00500	00500
Croatian	YGI	00959	00870	00870
Cyrillic	CYB	00960	00880	00880
Czech	CSB	00959	00870	00870
Danish	DMB	00697	00277	00277
Danish MNCS	DMI	00697	00500	00500
Finnish/Swedish	FNB	00697	00278	00278
Finnish/Swedish MNCS	FNI	00697	00500	00500
French (Azerty)	FAB	00697	00297	00297
French (Azerty) MNCS	FAI	00697	00500	00500
French (Qwerty)	FQB	00697	00297	00297
French (Qwerty) MNCS	FQI	00697	00500	00500
Greek (See note 2.)	GNB	00925	00875	00875
Hebrew	NCB	00941	00424	00424
Hungarian	HNB	00959	00870	00870
Icelandic	ICB	00697	00871	00871
Icelandic MNCS	ICI	00697	00500	00500
International	INB	00697	00500	00500
International MNCS	INB	00697	00500	00500
Farsi (Iran)	IRB	01219	01097	01097
Italian	ITB	00697	00280	00280
Italian MNCS	ITI	00697	00500	00500
Japanese-English	JEB	00697	00281	65535

Language	KBDTYPE	EBCDIC character set	EBCDIC SBCS code page	EBCDIC CCSID
Japanese- English MNCS	JEI	00697	00500	00500
Japanese Kanji and Katakana	JKB	01172	00290	05026
Japanese Kanji and US English	JUB	00697	00037	See note 3.
Japanese Katakana	KAB	00332	00290	00290
Japanese Latin Extended	JPB	01172	01027	01027
Korean	KOB	01173	00833	00833
Latin 2	ROB	00959	00870	00870
Macedonian	MKB	01150	01025	01025
Dutch (Netherlands)	NEB	00697	00037	00037
Dutch (Netherlands) MNCS	NEI	00697	00500	00500
Norwegian	NWB	00697	00277	00277
Norwegian MNCS	NWI	00697	00500	00500
Polish	PLB	00959	00870	00870
Portuguese	PRB	00697	00037	00037
Portuguese MNCS	PRI	00697	00500	00500
Romanian	RMB	00959	00870	00870
Russian	RUB	01150	01025	01025
Serbian, Cyrillic	SQB	01150	01025	01025
Serbian, Latin	YGI	00959	00870	00870
Simplified Chinese	RCB	01174	00836	00836
Slovakian	SKB	00959	00870	00870
Slovenian	YGI	00959	00870	00870
Spanish	SPB	00697	00284	00284
Spanish MNCS	SPI	00697	00500	00500
Spanish Speaking	SSB	00697	00284	00284
Spanish Speaking MNCS	SSI	00697	00500	00500
Swedish	SWB	00697	00278	00278
Swedish MNCS	SWI	00697	00500	00500
French (Switzerland) MNCS	SFI	00697	00500	00500
German (Switzerland) MNCS	SGI	00697	00500	00500
Thai	THB	01176	00838	00838
Traditional Chinese	TAB	01175	00037	00937
Turkish (Qwerty)	TKB	01152	01026	01026
Turkish (F)	TRB	01152	01026	01026
English (United Kingdom)	UKB	00697	00285	00285
English (United Kingdom) MNCS	UKI	00697	00500	00500

Language	KBDTYPE	EBCDIC character set	EBCDIC SBCS code page	EBCDIC CCSID
English (United States and Canada)	USB	00697	00037	00037
English (United States and Canada) MNCS	USI	00697	00500	00500

Notes:

1. For KBDTYPE GKB, the EBCDIC code page is 00423.
2. Recommend SBCS CCSID 00037.

Code pages

You can find a list of current code pages on the iSeries globalization



Web site (<http://www-1.ibm.com/servers/eserver/iseries/software/globalization>).

Several of the IBM code pages match the International Standard ISO/IEC 8859. ISO/IEC 8859 consists of the following parts, under the general title *Information processing - 8-bit single-byte coded graphic character sets*:

- Part 1: Latin alphabet No. 1, 8859-1
- Part 2: Latin alphabet No. 2, 8859-2
- Part 3: Latin alphabet No. 3, 8859-3
- Part 4: Latin alphabet No. 4, 8835-4
- Part 5: Latin/Cyrillic alphabet, 8859-5
- Part 6: Latin/Arabic alphabet, 8858-6
- Part 7: Latin/Greek alphabet, 8859-7
- Part 8: Latin/Hebrew alphabet, 8859-8
- Part 9: Latin alphabet No. 5, 8859-9

OS/400 supports Parts 1, 2, and 9 of the ISO Standard with equivalent IBM code pages. Equivalent IBM code pages have characters that map to the ISO Standard. The equivalent IBM code pages contain all of the characters that are contained in the ISO standard. Equivalent IBM code pages are not identical to the ISO Standard. Some of the characters in the equivalent IBM code pages are at different code points than the same characters in the ISO standard.

OS/400 supports Parts 1, 2, 5, 7, 8, and 9 of the ISO Standard with identical IBM code pages. Identical IBM code pages are the same as the ISO standard.

ISO standards and IBM EBCDIC code pages

Equivalent EBCDIC Code Page	ISO Standard
00037, 00273, 00277, 00278, 00280, 00284, 00285, 00297, 00500, 00819, 00871	8859-1
00870	8859-2
00905	8859-9
01026	8859-9

ISO standards and IBM ASCII code pages

Equivalent ASCII Code Page	ISO Standard
00852	8859-2
00857	8859-5

ISO standards and identical IBM code page

Identical ASCII Code Page	ISO Standard
00813	8859-7
00819	8859-1
00916	8859-8
00920	8859-9

Notes:

1. Hexadecimal value 40 represents the space character on the EBCDIC code pages.
2. Hexadecimal value 20 represents the space character on the PC code pages.
3. Hexadecimal value FF represents the eight ones (11111111) control character.
4. The 8-digit alphanumeric label under each character in the code page chart is the graphic character global identifier (GCGID). The label is used with Sort sequence tables.

Character sets

The following topics provide useful information about various character sets:

- Country extended character set 00697
- Graphic character conversion tables
- International DP 94 00103 (ASCII)
- International alphabet 5 01169
- Invariant character set
- Monocase tables
- Portable character set
- Syntactic and invariant character set 00640
- T.61 character set 01252
- T.61 character repertoire 01253
- T.61 graphic character conversions

Country extended character set 00697

A	B	C	D	E	F	G	H	I	J	K	L	M
LA020000	LB020000	LC020000	LD020000	LE020000	LF020000	LG020000	LH020000	LI020000	LJ020000	LK020000	LL020000	LM020000
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
LN020000	LO020000	LP020000	LQ020000	LR020000	LS020000	LT020000	LU020000	LV020000	LW020000	LX020000	LY020000	LZ020000
a	b	c	d	e	f	g	h	i	j	k	l	m
LA010000	LB010000	LC010000	LD010000	LE010000	LF010000	LG010000	LH010000	LI010000	LJ010000	LK010000	LL010000	LM010000
n	o	p	q	r	s	t	u	v	w	x	y	z
LN010000	LO010000	LP010000	LQ010000	LR010000	LS010000	LT010000	LU010000	LV010000	LW010000	LX010000	LY010000	LZ010000
Á	À	Â	Ä	Ã	Å	Æ	Ç	Ð	É	È	Ê	Ë
LA120000	LA140000	LA160000	LA180000	LA200000	LA280000	LA520000	LC420000	LD620000	LE120000	LE140000	LE160000	LE180000
Í	Ì	Î	Ï	Ñ	Ó	Ò	Ô	Ö	Õ	Ø	Þ	Ú
LI120000	LI140000	LI160000	LI180000	LN200000	LO120000	LO140000	LO160000	LO180000	LO200000	LO620000	LT640000	LU120000
Û	Û	Ü	Ý									
LU140000	LU160000	LU180000	LY120000									
á	à	â	ä	ã	å	æ	ç	ð	é	è	ê	ë
LA110000	LA130000	LA150000	LA170000	LA190000	LA270000	LA510000	LC410000	LD630000	LE110000	LE130000	LE150000	LE170000
í	ì	î	ï	ñ	ó	ò	ô	ö	õ	ø	þ	þ
LI110000	LI130000	LI150000	LI170000	LN190000	LO110000	LO130000	LO150000	LO170000	LO190000	LO610000	LS610000	LT630000
ú	ù	û	ü	ý	ÿ							
LU110000	LU130000	LU150000	LU170000	LY110000	LY170000							
0	1	2	3	4	5	6	7	8	9			
ND100000	ND010000	ND020000	ND030000	ND040000	ND050000	ND060000	ND070000	ND080000	ND090000			
1	2	3	½	¼	¾	+	±	<	=	>	÷	×
ND011000	ND021000	ND031000	NF010000	NF040000	NF050000	SA010000	SA020000	SA030000	SA040000	SA050000	SA060000	SA070000
⌘	£	\$	¢	¥	'	`	^	¨	~	˘	•	#
SC010000	SC020000	SC030000	SC040000	SC050000	SD110000	SD130000	SD150000	SD170000	SD190000	SD410000	SD630000	SM010000
%	&	*	@	[	\	\]	{	|	}	-	μ	°
SM020000	SM030000	SM040000	SM050000	SM060000	SM070000	SM080000	SM110000	SM130000	SM140000	SM150000	SM170000	SM190000
̄	̂	§	¶	©	®	¡	¬	!	ı	"	'	(
SM200000	SM210000	SM240000	SM250000	SM520000	SM530000	SM650000	SM660000	SP020000	SP030000	SP040000	SP050000	SP060000
)	,	—	-	.	/	:	;	?	¿	«	»	(RSP)
SP070000	SP080000	SP090000	SP100000	SP110000	SP120000	SP130000	SP140000	SP150000	SP160000	SP170000	SP180000	SP300000
(S̄Y)												
SP320000												

Character Set 00697

Graphic character conversion tables



Table (*TBL) objects support non-CCSID conversions from one code page to another. The system-supplied table objects are located in the QUSRSYS library.

To see the supported code pages, run the following command:

```
WRKOBJ OBJ(QUSRSYS/*ALL) OBJTYPE(*TBL)
```

The table description shows the *from* code page and the *to* code page and character set. For example, if the from code page is 1112 and the to code page is 500, the description would be show the following text: CHRID(*N 1112) to CHRID(697 500)

This conversion method is supported on OS/400, but is not being enhanced. See Job default coded character set identifier (DFTCCSID) for information about how OS/400 determines default CCSIDs.



Table Name	From	From text	To	To text
QA3R	(*N 1025)	Cyrillic, Multilingual	Uppercase table	
QA3S	(*N 1026)	Turkey Latin 5	Uppercase table	
QA3T	(*N 1027)	Japan extended	Uppercase table	
QA5R	(*N 1097)	Farsi	Uppercase table	
QA57	(*N 1112)	Baltic, Multilingual	Uppercase table	
QA6G	(*N 1122)	Estonian	Uppercase table	
QA6O	(*N 1130)	Vietnamese	Uppercase table	
QA6Q	(*N 1133)	Lao	Uppercase table	
Q037	(*N 037)	USA/Canada	Uppercase table	
Q256	(*N 256)	Multinational #1	Uppercase table	
Q260	(*N 260)	Canada French	Uppercase table	
Q273	(*N 273)	Austria/Germany	Uppercase table	
Q277	(*N 277)	Denmark/Norway	Uppercase table	
Q278	(*N 278)	Finland/Sweden	Uppercase table	
Q280	(*N 280)	Italy	Uppercase table	
Q281	(*N 281)	Japan (Latin)	Uppercase table	
Q284	(*N 284)	Spain/Latin America	Uppercase table	
Q285	(*N 285)	United Kingdom	Uppercase table	
Q290	(*N 290)	Japan Katakana	Uppercase table	
Q297	(*N 297)	France	Uppercase table	
Q420	(*N 420)	Arabic Bilingual	Uppercase table	
Q423	(*N 423)	Greece	Uppercase table	
Q424	(*N 424)	Israel (Hebrew)	Uppercase table	
Q437	(*N 437)	PC-USA	Uppercase table	
Q500	(*N 500)	Multinational #5	Uppercase table	
Q833	(*N 833)	Korea	Uppercase table	
Q836	(*N 836)	People's Republic of China	Uppercase table	
Q838	(*N 838)	Thai Extended	Uppercase table	
Q850	(*N 850)	PC-Multilingual	Uppercase table	
Q851	(*N 851)	PC-Greece (old)	Uppercase table	
Q857	(*N 857)	PC-Turkey	Uppercase table	
Q860	(*N 860)	PC-Portugal	Uppercase table	
Q861	(*N 861)	PC-Iceland	Uppercase table	
Q862	(*N 862)	PC-Israel	Uppercase table	
Q863	(*N 863)	PC-Canadian French	Uppercase table	
Q864	(*N 864)	PC-Arabic	Uppercase table	
Q865	(*N 865)	PC-Nordic	Uppercase table	
Q870	(*N 870)	Latin 2, Multilingual	Uppercase table	
Q871	(*N 871)	Iceland	Uppercase table	
Q875	(*N 875)	Greece	Uppercase table	
Q880	(*N 880)	Cyrillic, Multilingual (old)	Uppercase table	

Table Name	From	From text	To	To text
Q891	(*N 891)	PC-Korea	Uppercase table	
Q897	(*N 897)	PC-Japan	Uppercase table	
Q903	(*N 903)	PC-People's Republic of China	Uppercase table	
Q904	(*N 904)	PC-People's Republic of China	Uppercase table	
Q905	(*N 905)	PC-Turkey	Uppercase table	
Q037A0MA5K	(*N 037)	USA/Canada	(1272 1090)	VT100 Line drawing set
Q037A05A5U	(*N 037)	USA/Canada	(1290 1100)	VT220 Multinational
Q037A6G897	(*N 037)	USA/Canada	(1122 897)	PC-Japan
Q037A69A3R	(*N 037)	USA/Canada	(1150 1025)	Cyrillic, Multilingual
Q037A7AA3S	(*N 037)	USA/Canada	(1152 1026)	Turkey Latin 5
Q037A7RA3B	(*N 037)	USA/Canada	(1169 1009)	International Alphabet 5
Q037A7UA3T	(*N 037)	USA/Canada	(1172 1027)	Japan extended
Q037A7U290	(*N 037)	USA/Canada	(1172 290)	Japan Katakana
Q037A7V833	(*N 037)	USA/Canada	(1173 833)	Korea
Q037A7W836	(*N 037)	USA/Canada	(1174 836)	People's Republic of China
Q037A7Y838	(*N 037)	USA/Canada	(1176 838)	Thai Extended
Q037A7Y874	(*N 037)	USA/Canada	(1176 874)	PC-Thai Extended
Q037A86A5R	(*N 037)	USA/Canada	(1219 1097)	Farsi
Q037BAJA57	(*N 037)	USA/Canada	(1305 1112)	Baltic, Multilingual
Q037BALA6G	(*N 037)	USA/Canada	(1307 1122)	Estonian
Q037BBEA6O	(*N 037)	USA/Canada	(1336 1130)	Vietnamese
Q037BBJA6Q	(*N 037)	USA/Canada	(1341 1133)	Lao
Q037101037	(*N 037)	USA/Canada	(101 037)	USA/Canada
Q037103A59	(*N 037)	USA/Canada	(103 1114)	Taiwan Industry (Big 5) code
Q037235420	(*N 037)	USA/Canada	(235 420)	Arabic Bilingual
Q037337256	(*N 037)	USA/Canada	(337 256)	Multinational #1
Q037337437	(*N 037)	USA/Canada	(337 437)	PC-USA
Q037337850	(*N 037)	USA/Canada	(337 850)	PC-Multilingual
Q037337860	(*N 037)	USA/Canada	(337 860)	PC-Portugal
Q037337863	(*N 037)	USA/Canada	(337 863)	PC-Canadian French
Q037337904	(*N 037)	USA/Canada	(337 904)	PC-People's Republic of China
Q037936836	(*N 037)	USA/Canada	(936 836)	People's Republic of China
Q037941424	(*N 037)	USA/Canada	(941 424)	Israel (Hebrew)
Q037959870	(*N 037)	USA/Canada	(959 870)	Latin 2, Multilingual
Q037960880	(*N 037)	USA/Canada	(960 880)	Cyrillic, Multilingual (old)
Q037965905	(*N 037)	USA/Canada	(965 905)	PC-Turkey
Q038337256	(*N 038)	USA/ASCII	(337 256)	Multinational #1
Q256A69A3R	(*N 256)	Multinational #1	(1150 1025)	Cyrillic, Multilingual
Q256A7AA3S	(*N 256)	Multinational #1	(1152 1026)	Turkey Latin 5
Q256A7V833	(*N 256)	Multinational #1	(1173 833)	Korea
Q256A7W836	(*N 256)	Multinational #1	(1174 836)	People's Republic of China

Table Name	From	From text	To	To text
Q256A7X037	(*N 256)	Multinational #1	(1175 037)	USA/Canada
Q256001256	(*N 256)	Multinational #1	(001 256)	Multinational #1
Q256101037	(*N 256)	Multinational #1	(101 037)	USA/Canada
Q256101367	(*N 256)	Multinational #1	(101 367)	ASCII
Q256103038	(*N 256)	Multinational #1	(103 038)	USA/ASCII
Q256218423	(*N 256)	Multinational #1	(218 423)	Greece
Q256265273	(*N 256)	Multinational #1	(265 273)	Austria/Germany
Q256269274	(*N 256)	Multinational #1	(269 274)	Belgium
Q256273275	(*N 256)	Multinational #1	(273 275)	Brazil
Q256277276	(*N 256)	Multinational #1	(277 276)	Canada (French)
Q256281277	(*N 256)	Multinational #1	(281 277)	Denmark/Norway
Q256285278	(*N 256)	Multinational #1	(285 278)	Finland/Sweden
Q256288297	(*N 256)	Multinational #1	(288 297)	France
Q256289279	(*N 256)	Multinational #1	(289 279)	France
Q256293280	(*N 256)	Multinational #1	(293 280)	Italy
Q256297281	(*N 256)	Multinational #1	(297 281)	Japan (Latin)
Q256301282	(*N 256)	Multinational #1	(301 282)	Portugal
Q256305283	(*N 256)	Multinational #1	(305 283)	Spain
Q256309284	(*N 256)	Multinational #1	(309 284)	Spain/Latin America
Q256313285	(*N 256)	Multinational #1	(313 285)	United Kingdom
Q256332290	(*N 256)	Multinational #1	(332 290)	Japan Katakana
Q256337037	(*N 256)	Multinational #1	(337 037)	USA/Canada
Q256337273	(*N 256)	Multinational #1	(337 273)	Austria/Germany
Q256337274	(*N 256)	Multinational #1	(337 274)	Belgium
Q256337275	(*N 256)	Multinational #1	(337 275)	Brazil
Q256337276	(*N 256)	Multinational #1	(337 276)	Canada (French)
Q256337277	(*N 256)	Multinational #1	(337 277)	Denmark/Norway
Q256337278	(*N 256)	Multinational #1	(337 278)	Finland/Sweden
Q256337280	(*N 256)	Multinational #1	(337 280)	Italy
Q256337281	(*N 256)	Multinational #1	(337 281)	Japan (Latin)
Q256337282	(*N 256)	Multinational #1	(337 282)	Portugal
Q256337283	(*N 256)	Multinational #1	(337 283)	Spain
Q256337284	(*N 256)	Multinational #1	(337 284)	Spain/Latin America
Q256337285	(*N 256)	Multinational #1	(337 285)	United Kingdom
Q256337297	(*N 256)	Multinational #1	(337 297)	France
Q256337420	(*N 256)	Multinational #1	(337 420)	Arabic Bilingual
Q256337833	(*N 256)	Multinational #1	(337 833)	Korea
Q256338257	(*N 256)	Multinational #1	(338 257)	Multinational #2
Q256339258	(*N 256)	Multinational #1	(339 258)	Multinational #3
Q256340259	(*N 256)	Multinational #1	(340 259)	Symbols, Set #7
Q256341260	(*N 256)	Multinational #1	(341 260)	Canada French

Table Name	From	From text	To	To text
Q256697871	(*N 256)	Multinational #1	(697 871)	Iceland
Q256925875	(*N 256)	Multinational #1	(925 875)	Greece
Q256933833	(*N 256)	Multinational #1	(933 833)	Korea
Q256936836	(*N 256)	Multinational #1	(936 836)	People's Republic of China
Q256938838	(*N 256)	Multinational #1	(938 838)	Thai Extended
Q256941424	(*N 256)	Multinational #1	(941 424)	Israel (Hebrew)
Q256959870	(*N 256)	Multinational #1	(959 870)	Latin 2, Multilingual
Q256960880	(*N 256)	Multinational #1	(960 880)	Cyrillic, Multilingual (old)
Q257337256	(*N 257)	Multinational #2	(337 256)	Multinational #1
Q258337256	(*N 258)	Multinational #3	(337 256)	Multinational #1
Q259337256	(*N 259)	Symbols, Set #7	(337 256)	Multinational #1
Q260337256	(*N 260)	Canada French	(337 256)	Multinational #1
Q273A7RA3B	(*N 273)	Austria/Germany	(1169 1009)	International Alphabet 5
Q273337256	(*N 273)	Austria/Germany	(337 256)	Multinational #1
Q273337437	(*N 273)	Austria/Germany	(337 437)	PC-USA
Q273337850	(*N 273)	Austria/Germany	(337 850)	PC-Multilingual
Q274337256	(*N 274)	Belgium	(337 256)	Multinational #1
Q275337256	(*N 275)	Brazil	(337 256)	Multinational #1
Q276337256	(*N 276)	Canada (French)	(337 256)	Multinational #1
Q277A7RA3B	(*N 277)	Denmark/Norway	(1169 1009)	International Alphabet 5
Q277337256	(*N 277)	Denmark/Norway	(337 256)	Multinational #1
Q277337850	(*N 277)	Denmark/Norway	(337 850)	PC-Multilingual
Q277337865	(*N 277)	Denmark/Norway	(337 865)	PC-Nordic
Q277697284	(*N 277)	Denmark/Norway	(697 284)	Spain/Latin America
Q278A7RA3B	(*N 278)	Finland/Sweden	(1169 1009)	International Alphabet 5
Q278337256	(*N 278)	Finland/Sweden	(337 256)	Multinational #1
Q278337437	(*N 278)	Finland/Sweden	(337 437)	PC-USA
Q278337850	(*N 278)	Finland/Sweden	(337 850)	PC-Multilingual
Q279337256	(*N 279)	France	(337 256)	Multinational #1
Q280A7RA3B	(*N 280)	Italy	(1169 1009)	International Alphabet 5
Q280337256	(*N 280)	Italy	(337 256)	Multinational #1
Q280337437	(*N 280)	Italy	(337 437)	PC-USA
Q280337850	(*N 280)	Italy	(337 850)	PC-Multilingual
Q281337256	(*N 281)	Japan (Latin)	(337 256)	Multinational #1
Q282337256	(*N 282)	Portugal	(337 256)	Multinational #1
Q282337850	(*N 282)	Portugal	(337 850)	PC-Multilingual
Q282337860	(*N 282)	Portugal	(337 860)	PC-Portugal
Q283337256	(*N 283)	Spain	(337 256)	Multinational #1
Q284A7RA3B	(*N 284)	Spain/Latin America	(1169 1009)	International Alphabet 5
Q284A7W836	(*N 284)	Spain/Latin America	(1174 836)	People's Republic of China
Q284337256	(*N 284)	Spain/Latin America	(337 256)	Multinational #1

Table Name	From	From text	To	To text
Q284337437	(*N 284)	Spain/Latin America	(337 437)	PC-USA
Q284337850	(*N 284)	Spain/Latin America	(337 850)	PC-Multilingual
Q284697277	(*N 284)	Spain/Latin America	(697 277)	Denmark/Norway
Q285337256	(*N 285)	United Kingdom	(337 256)	Multinational #1
Q285337437	(*N 285)	United Kingdom	(337 437)	PC-USA
Q285337850	(*N 285)	United Kingdom	(337 850)	PC-Multilingual
Q290A7RA3B	(*N 290)	Japan Katakana	(1169 1009)	International Alphabet 5
Q290A7UA3T	(*N 290)	Japan Katakana	(1172 1027)	Japan extended
Q290A7UA38	(*N 290)	Japan Katakana	(1172 1041)	PC-Japan extended
Q290337256	(*N 290)	Japan Katakana	(337 256)	Multinational #1
Q290337897	(*N 290)	Japan Katakana	(337 897)	PC-Japan
Q290697037	(*N 290)	Japan Katakana	(697 037)	USA/Canada
Q290697500	(*N 290)	Japan Katakana	(697 500)	Multinational #5
Q297A7RA3B	(*N 297)	France	(1169 1009)	International Alphabet 5
Q297337256	(*N 297)	France	(337 256)	Multinational #1
Q297337437	(*N 297)	France	(337 437)	PC-USA
Q297337850	(*N 297)	France	(337 850)	PC-Multilingual
Q367A7RA3B	(*N 367)	ASCII	(1169 1009)	International Alphabet 5
Q367337256	(*N 367)	ASCII	(337 256)	Multinational #1
Q367697500	(*N 367)	ASCII	(697 500)	Multinational #5
Q420235864	(*N 420)	Arabic Bilingual	(235 864)	PC-Arabic
Q420337256	(*N 420)	Arabic Bilingual	(337 256)	Multinational #1
Q420697037	(*N 420)	Arabic Bilingual	(697 037)	USA/Canada
Q420697500	(*N 420)	Arabic Bilingual	(697 500)	Multinational #5
Q423A7RA3B	(*N 423)	Greece	(1169 1009)	International Alphabet 5
Q423218851	(*N 423)	Greece	(218 851)	PC-Greece (old)
Q423697256	(*N 423)	Greece	(697 256)	Multinational #1
Q423925875	(*N 423)	Greece	(925 875)	Greece
Q423998869	(*N 423)	Greece	(998 869)	PC-Greece
Q424697037	(*N 424)	Israel (Hebrew)	(697 037)	USA/Canada
Q424697256	(*N 424)	Israel (Hebrew)	(697 256)	Multinational #1
Q424697500	(*N 424)	Israel (Hebrew)	(697 500)	Multinational #5
Q424941862	(*N 424)	Israel (Hebrew)	(941 862)	PC-Israel
Q437A0ZA5S	(*N 437)	PC-USA	(1285 1098)	PC-Farsi
Q437A69A3R	(*N 437)	PC-USA	(1150 1025)	Cyrillic, Multilingual
Q437A69915	(*N 437)	PC-USA	(1150 915)	8-bit ASCII/ISO Cyrillic
Q437A7X037	(*N 437)	PC-USA	(1175 037)	USA/Canada
Q437A8C866	(*N 437)	PC-USA	(1190 866)	PC-Cyrillic #2
Q437A9I852	(*N 437)	PC-USA	(1232 852)	PC-Latin 2
Q437A9L855	(*N 437)	PC-USA	(1235 855)	PC-Cyrillic
Q437A9N857	(*N 437)	PC-USA	(1237 857)	PC-Turkey

Table Name	From	From text	To	To text
Q437101037	(*N 437)	PC-USA	(101 037)	USA/Canada
Q437337A5R	(*N 437)	PC-USA	(337 1097)	Farsi
Q437337037	(*N 437)	PC-USA	(337 037)	USA/Canada
Q437337273	(*N 437)	PC-USA	(337 273)	Austria/Germany
Q437337278	(*N 437)	PC-USA	(337 278)	Finland/Sweden
Q437337280	(*N 437)	PC-USA	(337 280)	Italy
Q437337284	(*N 437)	PC-USA	(337 284)	Spain/Latin America
Q437337285	(*N 437)	PC-USA	(337 285)	United Kingdom
Q437337297	(*N 437)	PC-USA	(337 297)	France
Q437337500	(*N 437)	PC-USA	(337 500)	Multinational #5
Q437959870	(*N 437)	PC-USA	(959 870)	Latin 2, Multilingual
Q437960880	(*N 437)	PC-USA	(960 880)	Cyrillic, Multilingual (old)
Q500A0MA5K	(*N 500)	Multinational #5	(1272 1090)	VT100 Line drawing set
Q500A00A5Z	(*N 500)	Multinational #5	(1295 1105)	VT220 Norwegian/Danish
Q500A05A5U	(*N 500)	Multinational #5	(1290 1100)	VT220 Multinational
Q500A06A5V	(*N 500)	Multinational #5	(1291 1101)	VT220 British
Q500A07A5W	(*N 500)	Multinational #5	(1292 1102)	VT220 Dutch
Q500A08A5X	(*N 500)	Multinational #5	(1293 1103)	VT220 Finnish
Q500A69A3R	(*N 500)	Multinational #5	(1150 1025)	Cyrillic, Multilingual
Q500A7AA3S	(*N 500)	Multinational #5	(1152 1026)	Turkey Latin 5
Q500A7RA3B	(*N 500)	Multinational #5	(1169 1009)	International Alphabet 5
Q500A7UA3T	(*N 500)	Multinational #5	(1172 1027)	Japan extended
Q500A7U290	(*N 500)	Multinational #5	(1172 290)	Japan Katakana
Q500A7W836	(*N 500)	Multinational #5	(1174 836)	People's Republic of China
Q500A7X037	(*N 500)	Multinational #5	(1175 037)	USA/Canada
Q500A7Y838	(*N 500)	Multinational #5	(1176 838)	Thai Extended
Q500A7Y874	(*N 500)	Multinational #5	(1176 874)	PC-Thai Extended
Q500A8EA3M	(*N 500)	Multinational #5	(1192 1020)	VT220 Canadian/French
Q500A8FA3N	(*N 500)	Multinational #5	(1193 1021)	VT220 Switzerland
Q500A8HA3P	(*N 500)	Multinational #5	(1195 1023)	VT220 Spain
Q500A86A5R	(*N 500)	Multinational #5	(1219 1097)	Farsi
Q500BAAA51	(*N 500)	Multinational #5	(1296 1106)	VT220 Swedish
Q500BABA52	(*N 500)	Multinational #5	(1297 1107)	VT220 Norwegian/Danish Alt
Q500BAJA57	(*N 500)	Multinational #5	(1305 1112)	Baltic, Multilingual
Q500BALA6G	(*N 500)	Multinational #5	(1307 1122)	Estonian
Q500BBEA6O	(*N 500)	Multinational #5	(1336 1130)	Vietnamese
Q500BBJA6Q	(*N 500)	Multinational #5	(1341 1133)	Loa
Q500103367	(*N 500)	Multinational #5	(103 367)	ASCII
Q500235420	(*N 500)	Multinational #5	(235 420)	Arabic Bilingual
Q500265A3D	(*N 500)	Multinational #5	(265 1011)	VT220 Germany
Q500289A5Y	(*N 500)	Multinational #5	(289 1104)	VT220 French

Table Name	From	From text	To	To text
Q500293A3E	(*N 500)	Multinational #5	(293 1012)	VT220 Italy
Q500337437	(*N 500)	Multinational #5	(337 437)	PC-USA
Q500337836	(*N 500)	Multinational #5	(337 836)	People's Republic of China
Q500337850	(*N 500)	Multinational #5	(337 850)	PC-Multilingual
Q500337860	(*N 500)	Multinational #5	(337 860)	PC-Portugal
Q500337861	(*N 500)	Multinational #5	(337 861)	PC-Iceland
Q500337863	(*N 500)	Multinational #5	(337 863)	PC-Canadian French
Q500337865	(*N 500)	Multinational #5	(337 865)	PC-Nordic
Q500697037	(*N 500)	Multinational #5	(697 037)	USA/Canada
Q500697280	(*N 500)	Multinational #5	(697 280)	Italy
Q500925875	(*N 500)	Multinational #5	(925 875)	Greece
Q500936836	(*N 500)	Multinational #5	(936 836)	People's Republic of China
Q500941424	(*N 500)	Multinational #5	(941 424)	Israel (Hebrew)
Q500959870	(*N 500)	Multinational #5	(959 870)	Latin 2, Multilingual
Q500960880	(*N 500)	Multinational #5	(960 880)	Cyrillic, Multilingual (old)
Q500965905	(*N 500)	Multinational #5	(965 905)	PC-Turkey
Q500981851	(*N 500)	Multinational #5	(981 851)	PC-Greece (old)
Q500998869	(*N 500)	Multinational #5	(998 869)	PC-Greece
Q813998869	(*N 813)	8-bit ASCII/ISO Greece	(998 869)	PC-Greece
Q819BBEA60	(*N 819)	8-bit ASCII/ISO Latin 1	(1336 1130)	Vietnamese
Q819BBJA6Q	(*N 819)	8-bit ASCII/ISO Latin 1	(1341 1133)	Lao
Q833A0SA5I	(*N 833)	Korea	(1278 1088)	PC-Korean
Q833A7RA3B	(*N 833)	Korea	(1169 1009)	International Alphabet 5
Q833337256	(*N 833)	Korea	(337 256)	Multinational #1
Q833337891	(*N 833)	Korea	(337 891)	PC-Korea
Q833933256	(*N 833)	Korea	(933 256)	Multinational #1
Q836A7RA3B	(*N 836)	People's Republic of China	(1169 1009)	International Alphabet 5
Q836A7V833	(*N 836)	People's Republic of China	(1173 833)	Korea
Q836A7X037	(*N 836)	People's Republic of China	(1175 037)	USA/Canada
Q836101037	(*N 836)	People's Republic of China	(101 037)	USA/Canada
Q836103A50	(*N 836)	People's Republic of China	(103 1115)	People's Republic of China GB
Q836337256	(*N 836)	People's Republic of China	(337 256)	Multinational #1
Q836337500	(*N 836)	People's Republic of China	(337 500)	Multinational #5
Q836337903	(*N 836)	People's Republic of China	(337 903)	PC-People's Republic of China
Q836697037	(*N 836)	People's Republic of China	(697 037)	USA/Canada
Q836697284	(*N 836)	People's Republic of China	(697 284)	Spain/Latin America
Q836936500	(*N 836)	People's Republic of China	(936 500)	Multinational #5
Q838A7Y874	(*N 838)	Thai Extended	(1176 874)	PC-Thai Extended
Q838337037	(*N 838)	Thai Extended	(337 037)	USA/Canada
Q838697500	(*N 838)	Thai Extended	(697 500)	Multinational #5
Q850A0ZA5S	(*N 850)	PC-Multilingual	(1285 1098)	PC-Farsi

Table Name	From	From text	To	To text
Q850A6G897	(*N 850)	PC-Multilingual	(1122 897)	PC-Japan
Q850A69A3R	(*N 850)	PC-Multilingual	(1150 1025)	Cyrillic, Multilingual
Q850A69915	(*N 850)	PC-Multilingual	(1150 915)	8-bit ASCII/ISO Cyrillic
Q850A7UA38	(*N 850)	PC-Multilingual	(1172 1041)	PC-Japan extended
Q850A7Y874	(*N 850)	PC-Multilingual	(1176 874)	PC-Thai Extended
Q850A8C866	(*N 850)	PC-Multilingual	(1190 866)	PC-Cyrillic #2
Q850A84862	(*N 850)	PC-Multilingual	(1217 862)	PC-Israel
Q850A9I852	(*N 850)	PC-Multilingual	(1232 852)	PC-Latin 2
Q850A9L855	(*N 850)	PC-Multilingual	(1235 855)	PC-Cyrillic
Q850A9N857	(*N 850)	PC-Multilingual	(1237 857)	PC-Turkey
Q850A9U864	(*N 850)	PC-Multilingual	(1244 864)	PC-Arabic
Q850BBEA6O	(*N 850)	PC-Multilingual	(1336 1130)	Vietnamese
Q850BBJA6Q	(*N 850)	PC-Multilingual	(1341 1133)	Lao
Q850337A5R	(*N 850)	PC-Multilingual	(337 1097)	Farsi
Q850337037	(*N 850)	PC-Multilingual	(337 037)	USA/Canada
Q850337273	(*N 850)	PC-Multilingual	(337 273)	Austria/Germany
Q850337277	(*N 850)	PC-Multilingual	(337 277)	Denmark/Norway
Q850337278	(*N 850)	PC-Multilingual	(337 278)	Finland/Sweden
Q850337280	(*N 850)	PC-Multilingual	(337 280)	Italy
Q850337282	(*N 850)	PC-Multilingual	(337 282)	Portugal
Q850337284	(*N 850)	PC-Multilingual	(337 284)	Spain/Latin America
Q850337285	(*N 850)	PC-Multilingual	(337 285)	United Kingdom
Q850337297	(*N 850)	PC-Multilingual	(337 297)	France
Q850337500	(*N 850)	PC-Multilingual	(337 500)	Multinational #5
Q850337871	(*N 850)	PC-Multilingual	(337 871)	Iceland
Q850959870	(*N 850)	PC-Multilingual	(959 870)	Latin 2, Multilingual
Q850960880	(*N 850)	PC-Multilingual	(960 880)	Cyrillic, Multilingual (old)
Q851218423	(*N 851)	PC-Greece (old)	(218 423)	Greece
Q851925875	(*N 851)	PC-Greece (old)	(925 875)	Greece
Q852A51850	(*N 852)	PC-Latin 2	(1106 850)	PC-Multilingual
Q852A69A3R	(*N 852)	PC-Latin 2	(1150 1025)	Cyrillic, Multilingual
Q852A8Y437	(*N 852)	PC-Latin 2	(1212 437)	PC-USA
Q852959870	(*N 852)	PC-Latin 2	(959 870)	Latin 2, Multilingual
Q852960880	(*N 852)	PC-Latin 2	(960 880)	Cyrillic, Multilingual (old)
Q853965905	(*N 853)	PC-Latin 3	(965 905)	PC-Turkey
Q855A51850	(*N 855)	PC-Cyrillic	(1106 850)	PC-Multilingual
Q855A69A3R	(*N 855)	PC-Cyrillic	(1150 1025)	Cyrillic, Multilingual
Q855A69915	(*N 855)	PC-Cyrillic	(1150 915)	8-bit ASCII/ISO Cyrillic
Q855A8Y437	(*N 855)	PC-Cyrillic	(1212 437)	PC-USA
Q855959870	(*N 855)	PC-Cyrillic	(959 870)	Latin 2, Multilingual
Q855960880	(*N 855)	PC-Cyrillic	(960 880)	Cyrillic, Multilingual (old)

Table Name	From	From text	To	To text
Q857A51850	(*N 857)	PC-Turkey	(1106 850)	PC-Multilingual
Q857A7AA3S	(*N 857)	PC-Turkey	(1152 1026)	Turkey Latin 5
Q857A8Y437	(*N 857)	PC-Turkey	(1212 437)	PC-USA
Q857965905	(*N 857)	PC-Turkey	(965 905)	PC-Turkey
Q860337037	(*N 860)	PC-Portugal	(337 037)	USA/Canada
Q860337282	(*N 860)	PC-Portugal	(337 282)	Portugal
Q860337500	(*N 860)	PC-Portugal	(337 500)	Multinational #5
Q861337500	(*N 861)	PC-Iceland	(337 500)	Multinational #5
Q861337871	(*N 861)	PC-Iceland	(337 871)	Iceland
Q862A51850	(*N 862)	PC-Israel	(1106 850)	PC-Multilingual
Q862941424	(*N 862)	PC-Israel	(941 424)	Israel (Hebrew)
Q863337037	(*N 863)	PC-Canadian French	(337 037)	USA/Canada
Q863337500	(*N 863)	PC-Canadian French	(337 500)	Multinational #5
Q864A51850	(*N 864)	PC-Arabic	(1106 850)	PC-Multilingual
Q864235420	(*N 864)	PC-Arabic	(235 420)	Arabic Bilingual
Q865337277	(*N 865)	PC-Nordic	(337 277)	Denmark/Norway
Q865337500	(*N 865)	PC-Nordic	(337 500)	Multinational #5
Q866A51850	(*N 866)	PC-Cyrillic #2	(1106 850)	PC-Multilingual
Q866A69A3R	(*N 866)	PC-Cyrillic #2	(1150 1025)	Cyrillic, Multilingual
Q866A8Y437	(*N 866)	PC-Cyrillic #2	(1212 437)	PC-USA
Q869218423	(*N 869)	PC-Greece	(218 423)	Greece
Q869337256	(*N 869)	PC-Greece	(337 256)	Multinational #1
Q869337500	(*N 869)	PC-Greece	(337 500)	Multinational #5
Q869925813	(*N 869)	PC-Greece	(925 813)	8-bit ASCII/ISO Greece
Q869925875	(*N 869)	PC-Greece	(925 875)	Greece
Q869981851	(*N 869)	PC-Greece	(981 851)	PC-Greece (old)
Q870A69A3R	(*N 870)	Latin 2, Multilingual	(1150 1025)	Cyrillic, Multilingual
Q870A69855	(*N 870)	Latin 2, Multilingual	(1150 855)	PC-Cyrillic
Q870A69915	(*N 870)	Latin 2, Multilingual	(1150 915)	8-bit ASCII/ISO Cyrillic
Q870A7RA3B	(*N 870)	Latin 2, Multilingual	(1169 1009)	International Alphabet 5
Q870A9I852	(*N 870)	Latin 2, Multilingual	(1232 852)	PC-Latin 2
Q870337256	(*N 870)	Latin 2, Multilingual	(337 256)	Multinational #1
Q870697037	(*N 870)	Latin 2, Multilingual	(697 037)	USA/Canada
Q870697500	(*N 870)	Latin 2, Multilingual	(697 500)	Multinational #5
Q870697850	(*N 870)	Latin 2, Multilingual	(697 850)	PC-Multilingual
Q870919437	(*N 870)	Latin 2, Multilingual	(919 437)	PC-USA
Q870959852	(*N 870)	Latin 2, Multilingual	(959 852)	PC-Latin 2
Q870959912	(*N 870)	Latin 2, Multilingual	(959 912)	8-bit ASCII/ISO Latin 2
Q870960880	(*N 870)	Latin 2, Multilingual	(960 880)	Cyrillic, Multilingual (old)
Q871A7RA3B	(*N 871)	Iceland	(1169 1009)	International Alphabet 5
Q871337850	(*N 871)	Iceland	(337 850)	PC-Multilingual

Table Name	From	From text	To	To text
Q871337861	(*N 871)	Iceland	(337 861)	PC-Iceland
Q871697256	(*N 871)	Iceland	(697 256)	Multinational #1
Q874A51850	(*N 874)	PC-Thai Extended	(1106 850)	PC-Multilingual
Q874A7Y500	(*N 874)	PC-Thai Extended	(1176 500)	Multinational #5
Q874A7Y838	(*N 874)	PC-Thai Extended	(1176 838)	Thai Extended
Q874337037	(*N 874)	PC-Thai Extended	(337 037)	USA/Canada
Q875A7RA3B	(*N 875)	Greece	(1169 1009)	International Alphabet 5
Q875218423	(*N 875)	Greece	(218 423)	Greece
Q875337256	(*N 875)	Greece	(337 256)	Multinational #1
Q875337500	(*N 875)	Greece	(337 500)	Multinational #5
Q875925813	(*N 875)	Greece	(925 813)	8-bit ASCII/ISO Greece
Q875981851	(*N 875)	Greece	(981 851)	PC-Greece (old)
Q875998869	(*N 875)	Greece	(998 869)	PC-Greece
Q880A69A3R	(*N 880)	Cyrillic, Multilingual (old)	(1150 1025)	Cyrillic, Multilingual
Q880A69855	(*N 880)	Cyrillic, Multilingual (old)	(1150 855)	PC-Cyrillic
Q880A69915	(*N 880)	Cyrillic, Multilingual (old)	(1150 915)	8-bit ASCII/ISO Cyrillic
Q880A7RA3B	(*N 880)	Cyrillic, Multilingual (old)	(1169 1009)	International Alphabet 5
Q880337256	(*N 880)	Cyrillic, Multilingual (old)	(337 256)	Multinational #1
Q880697037	(*N 880)	Cyrillic, Multilingual (old)	(697 037)	USA/Canada
Q880697500	(*N 880)	Cyrillic, Multilingual (old)	(697 500)	Multinational #5
Q880697850	(*N 880)	Cyrillic, Multilingual (old)	(697 850)	PC-Multilingual
Q880919437	(*N 880)	Cyrillic, Multilingual (old)	(919 437)	PC-USA
Q880959852	(*N 880)	Cyrillic, Multilingual (old)	(959 852)	PC-Latin 2
Q880959870	(*N 880)	Cyrillic, Multilingual (old)	(959 870)	Latin 2, Multilingual
Q880959912	(*N 880)	Cyrillic, Multilingual (old)	(959 912)	8-bit ASCII/ISO Latin 2
Q891337833	(*N 891)	PC-Korea	(337 833)	Korea
Q897A51850	(*N 897)	PC-Japan	(1106 850)	PC-Multilingual
Q897A7UA3T	(*N 897)	PC-Japan	(1172 1027)	Japan extended
Q897337290	(*N 897)	PC-Japan	(337 290)	Japan Katakana
Q897358037	(*N 897)	PC-Japan	(358 037)	USA/Canada
Q897640037	(*N 897)	PC-Japan	(640 037)	USA/Canada
Q897697037	(*N 897)	PC-Japan	(697 037)	USA/Canada
Q903A7W836	(*N 903)	PC-People's Republic of China	(1174 836)	People's Republic of China
Q903337836	(*N 903)	PC-People's Republic of China	(337 836)	People's Republic of China
Q904337037	(*N 904)	PC-People's Republic of China	(337 037)	USA/Canada
Q905A7AA3S	(*N 905)	PC-Turkey	(1152 1026)	Turkey Latin 5
Q905337037	(*N 905)	PC-Turkey	(337 037)	USA/Canada
Q905697500	(*N 905)	PC-Turkey	(697 500)	Multinational #5
Q905965853	(*N 905)	PC-Turkey	(965 853)	PC-Latin 3
Q905965857	(*N 905)	PC-Turkey	(965 857)	PC-Turkey
Q912A69A3R	(*N 912)	8-bit ASCII/ISO Latin 2	(1150 1025)	Cyrillic, Multilingual

Table Name	From	From text	To	To text
Q912959870	(*N 912)	8-bit ASCII/ISO Latin 2	(959 870)	Latin 2, Multilingual
Q912960880	(*N 912)	8-bit ASCII/ISO Latin 2	(960 880)	Cyrillic, Multilingual (old)
Q915A51850	(*N 915)	8-bit ASCII/ISO Cyrillic	(1106 850)	PC-Multilingual
Q915A69A3R	(*N 915)	8-bit ASCII/ISO Cyrillic	(1150 1025)	Cyrillic, Multilingual
Q915A8Y437	(*N 915)	8-bit ASCII/ISO Cyrillic	(1212 437)	PC-USA
Q915A9L855	(*N 915)	8-bit ASCII/ISO Cyrillic	(1235 855)	PC-Cyrillic
Q915959870	(*N 915)	8-bit ASCII/ISO Cyrillic	(959 870)	Latin 2, Multilingual
Q915960880	(*N 915)	8-bit ASCII/ISO Cyrillic	(960 880)	Cyrillic, Multilingual (old)
Q920A7AA3S	(*N 920)	ASCII-Turkey	(1152 1026)	Turkey Latin 5
QA3BA69A3R	(*N 1009)	International Alphabet 5	(1150 1025)	Cyrillic, Multilingual
QA3BA7AA3S	(*N 1009)	International Alphabet 5	(1152 1026)	Turkey Latin 5
QA3BA7W836	(*N 1009)	International Alphabet 5	(1174 836)	People's Republic of China
QA3B103367	(*N 1009)	International Alphabet 5	(103 367)	ASCII
QA3B218423	(*N 1009)	International Alphabet 5	(218 423)	Greece
QA3B332290	(*N 1009)	International Alphabet 5	(332 290)	Japan Katakana
QA3B697037	(*N 1009)	International Alphabet 5	(697 037)	USA/Canada
QA3B697273	(*N 1009)	International Alphabet 5	(697 273)	Austria/Germany
QA3B697277	(*N 1009)	International Alphabet 5	(697 277)	Denmark/Norway
QA3B697278	(*N 1009)	International Alphabet 5	(697 278)	Finland/Sweden
QA3B697280	(*N 1009)	International Alphabet 5	(697 280)	Italy
QA3B697284	(*N 1009)	International Alphabet 5	(697 284)	Spain/Latin America
QA3B697297	(*N 1009)	International Alphabet 5	(697 297)	France
QA3B697500	(*N 1009)	International Alphabet 5	(697 500)	Multinational #5
QA3B697871	(*N 1009)	International Alphabet 5	(697 871)	Iceland
QA3B925875	(*N 1009)	International Alphabet 5	(925 875)	Greece
QA3B933833	(*N 1009)	International Alphabet 5	(933 833)	Korea
QA3B936836	(*N 1009)	International Alphabet 5	(936 836)	People's Republic of China
QA3B959870	(*N 1009)	International Alphabet 5	(959 870)	Latin 2, Multilingual
QA3B960880	(*N 1009)	International Alphabet 5	(960 880)	Cyrillic, Multilingual (old)
QA3D697500	(*N 1011)	VT220 Germany	(697 500)	Multinational #5
QA3E697500	(*N 1012)	VT220 Italy	(697 500)	Multinational #5
QA3M697500	(*N 1020)	VT220 Canadian/French	(697 500)	Multinational #5
QA3N697500	(*N 1021)	VT220 Switzerland	(697 500)	Multinational #5
QA3P697500	(*N 1023)	VT220 Spain	(697 500)	Multinational #5
QA3QA93A33	(*N 1024)	CCITT T.61 (EBCDIC)	(1252 1036)	CCITT T.61 IBM PC
QA3RA69855	(*N 1025)	Cyrillic, Multilingual	(1150 855)	PC-Cyrillic
QA3RA69915	(*N 1025)	Cyrillic, Multilingual	(1150 915)	8-bit ASCII/ISO Cyrillic
QA3RA7RA3B	(*N 1025)	Cyrillic, Multilingual	(1169 1009)	International Alphabet 5
QA3RA8C866	(*N 1025)	Cyrillic, Multilingual	(1190 866)	PC-Cyrillic #2
QA3RA9L855	(*N 1025)	Cyrillic, Multilingual	(1235 855)	PC-Cyrillic
QA3R337256	(*N 1025)	Cyrillic, Multilingual	(337 256)	Multinational #1

Table Name	From	From text	To	To text
QA3R697037	(*N 1025)	Cyrillic, Multilingual	(697 037)	USA/Canada
QA3R697500	(*N 1025)	Cyrillic, Multilingual	(697 500)	Multinational #5
QA3R697850	(*N 1025)	Cyrillic, Multilingual	(697 850)	PC-Multilingual
QA3R919437	(*N 1025)	Cyrillic, Multilingual	(919 437)	PC-USA
QA3R959852	(*N 1025)	Cyrillic, Multilingual	(959 852)	PC-Latin 2
QA3R959870	(*N 1025)	Cyrillic, Multilingual	(959 870)	Latin 2, Multilingual
QA3R959912	(*N 1025)	Cyrillic, Multilingual	(959 912)	8-bit ASCII/ISO Latin 2
QA3R960880	(*N 1025)	Cyrillic, Multilingual	(960 880)	Cyrillic, Multilingual (old)
QA3SA7A857	(*N 1026)	Turkey Latin 5	(1152 857)	PC-Turkey
QA3SA7A920	(*N 1026)	Turkey Latin 5	(1152 920)	ASCII-Turkey
QA3SA7RA3B	(*N 1026)	Turkey Latin 5	(1169 1009)	International Alphabet 5
QA3S337037	(*N 1026)	Turkey Latin 5	(337 037)	USA/Canada
QA3S337256	(*N 1026)	Turkey Latin 5	(337 256)	Multinational #1
QA3S337500	(*N 1026)	Turkey Latin 5	(337 500)	Multinational #5
QA3S965905	(*N 1026)	Turkey Latin 5	(965 905)	PC-Turkey
QA3TA6G897	(*N 1027)	Japan extended	(1122 897)	PC-Japan
QA3TA7UA38	(*N 1027)	Japan extended	(1172 1041)	PC-Japan extended
QA3TA7U290	(*N 1027)	Japan extended	(1172 290)	Japan Katakana
QA3T697037	(*N 1027)	Japan extended	(697 037)	USA/Canada
QA3T697500	(*N 1027)	Japan extended	(697 500)	Multinational #5
QA33A93A3Q	(*N 1036)	CCITT T.61 IBM PC	(1252 1024)	CCITT T.61 (EBCDIC)
QA38A51850	(*N 1041)	PC-Japan extended	(1106 850)	PC-Multilingual
QA38A7UA3T	(*N 1041)	PC-Japan extended	(1172 1027)	Japan extended
QA38A7U290	(*N 1041)	PC-Japan extended	(1172 290)	Japan Katakana
QA5IA7V833	(*N 1088)	PC-Korean	(1173 833)	Korea
QA5KA7X037	(*N 1090)	VT100 Line drawing set	(1175 037)	USA/Canada
QA5K697037	(*N 1090)	VT100 Line drawing set	(697 037)	USA/Canada
QA5K697500	(*N 1090)	VT100 Line drawing set	(697 500)	Multinational #5
QA5RA0ZA5S	(*N 1097)	Farsi	(1285 1098)	PC-Farsi
QA5R337437	(*N 1097)	Farsi	(337 437)	PC-USA
QA5R337850	(*N 1097)	Farsi	(337 850)	PC-Multilingual
QA5R697037	(*N 1097)	Farsi	(697 037)	USA/Canada
QA5R697500	(*N 1097)	Farsi	(697 500)	Multinational #5
QA5SA86A5R	(*N 1098)	PC-Farsi	(1219 1097)	Farsi
QA5S919437	(*N 1098)	PC-Farsi	(919 437)	PC-USA
QA5S980850	(*N 1098)	PC-Farsi	(980 850)	PC-Multilingual
QA5UA7X037	(*N 1100)	VT220 Multinational	(1175 037)	USA/Canada
QA5U697037	(*N 1100)	VT220 Multinational	(697 037)	USA/Canada
QA5U697500	(*N 1100)	VT220 Multinational	(697 500)	Multinational #5
QA5V697500	(*N 1101)	VT220 British	(697 500)	Multinational #5
QA5W697500	(*N 1102)	VT220 Dutch	(697 500)	Multinational #5

Table Name	From	From text	To	To text
QA5X697500	(*N 1103)	VT220 Finnish	(697 500)	Multinational #5
QA5Y697500	(*N 1104)	VT220 French	(697 500)	Multinational #5
QA5Z697500	(*N 1105)	VT220 Norwegian/Danish	(697 500)	Multinational #5
QA50A7W836	(*N 1115)	People's Republic of China GB	(1174 836)	People's Republic of China
QA51697500	(*N 1106)	VT220 Swedish	(697 500)	Multinational #5
QA52697500	(*N 1107)	VT220 Norwegian/Danish Alt	(697 500)	Multinational #5
QA57697037	(*N 1112)	Baltic, Multilingual	(697 037)	USA/Canada
QA57697500	(*N 1112)	Baltic, Multilingual	(697 500)	Multinational #5
QA59697037	(*N 1114)	Taiwan Industry (Big 5) code	(697 037)	USA/Canada
QA6G697037	(*N 1122)	Estonian	(697 037)	USA/Canada
QA6G697500	(*N 1122)	Estonian	(697 500)	Multinational #5
QA6OA51850	(*N 1130)	Vietnamese	(1106 850)	PC-Multilingual
QA6OBC8A99	(*N 1130)	Vietnamese	(BC8 1258)	MS Window, Vietnamese
QA6O697037	(*N 1130)	Vietnamese	(697 037)	USA/Canada
QA6O697500	(*N 1130)	Vietnamese	(697 500)	Multinational #5
QA6O697819	(*N 1130)	Vietnamese	(697 819)	8-bit ASCII/ISO Latin 1
QA6QA51850	(*N 1133)	Lao	(1106 850)	PC-Multilingual
QA6QBBJA6R	(*N 1133)	Lao	(1341 1133)	8-bit ASCII/ISO Lao
QA6Q697037	(*N 1133)	Lao	(697 037)	USA/Canada
QA6Q697500	(*N 1133)	Lao	(697 500)	Multinational #5
QA6Q697819	(*N 1133)	Lao	(697 819)	8-bit ASCII/ISO Latin 1
QA6RBBJA6Q	(*N 1133)	8-bit ASCII/ISO Lao	(1341 1133)	Lao
QA99BBEA6Q	(*N 1258)	MS Window, Vietnamese	(1336 1130)	Vietnamese

International DP 94 00103 (ASCII)

A	B	C	D	E	F	G	H	I	J	K	L	M
LA020000	LB020000	LC020000	LD020000	LE020000	LF020000	LG020000	LH020000	LI020000	LJ020000	LK020000	LL020000	LM020000
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
LN020000	LO020000	LP020000	LQ020000	LR020000	LS020000	LT020000	LU020000	LV020000	LW020000	LX020000	LY020000	LZ020000
a	b	c	d	e	f	g	h	i	j	k	l	m
LA010000	LB010000	LC010000	LD010000	LE010000	LF010000	LG010000	LH010000	LI010000	LJ010000	LK010000	LL010000	LM010000
n	o	p	q	r	s	t	u	v	w	x	y	z
LN010000	LO010000	LP010000	LQ010000	LR010000	LS010000	LT010000	LU010000	LV010000	LW010000	LX010000	LY010000	LZ010000
0	1	2	3	4	5	6	7	8	9			
ND100000	ND010000	ND020000	ND030000	ND040000	ND050000	ND060000	ND070000	ND080000	ND090000			
+	<	=	>	\$	`	^	~					
SA010000	SA030000	SA040000	SA050000	SC030000	SD130000	SD150000	SD190000					
#	%	&	*	@	[\]	{		}	!	"
SM010000	SM020000	SM030000	SM040000	SM050000	SM060000	SM070000	SM080000	SM110000	SM130000	SM140000	SP020000	SP040000
'	()	,	_	-	.	/	:	;	?		
SP050000	SP060000	SP070000	SP080000	SP090000	SP100000	SP110000	SP120000	SP130000	SP140000	SP150000		

Character Set 00103

Character set 01169 (International Alphabet 5)

A LA020000	B LB020000	C LC020000	D LD020000	E LE020000	F LF020000	G LG020000	H LH020000	I LI020000	J LJ020000	K LK020000	L LL020000	M LM020000
N LN020000	O LO020000	P LP020000	Q LQ020000	R LR020000	S LS020000	T LT020000	U LU020000	V LV020000	W LW020000	X LX020000	Y LY020000	Z LZ020000
a LA010000	b LB010000	c LC010000	d LD010000	e LE010000	f LF010000	g LG010000	h LH010000	i LI010000	j LJ010000	k LK010000	l LL010000	m LM010000
n LN010000	o LO010000	p LP010000	q LQ010000	r LR010000	s LS010000	t LT010000	u LU010000	v LV010000	w LW010000	x LX010000	y LY010000	z LZ010000
0 ND100000	1 ND010000	2 ND020000	3 ND030000	4 ND040000	5 ND050000	6 ND060000	7 ND070000	8 ND080000	9 ND090000			
+ SA010000	< SA030000	= SA040000	> SA050000	∕ SC010000	` SD130000	^ SD150000	~ SD190000	# SM010000	% SM020000	& SM030000	* SM040000	@ SM050000
[SM060000	\ SM070000	] SM080000	{ SM110000	| SM130000	} SM140000	! SP020000	" SP040000	' SP050000	(SP060000	) SP070000	, SP080000	_ SP090000
- SP100000	. SP110000	/ SP120000	: SP130000	; SP140000	? SP150000							

Character Set 01169

Invariant character set

The following table illustrates the invariant character set (character set 00640).

With only a few exceptions, each EBCDIC code page contains a common set of graphic characters. Within an encoding scheme, the common characters can be found at the same code points. The exceptions are as follows:

- EBCDIC code page 290 has Katakana characters at the code points where lowercase a through z are in the invariant character set
- EBCDIC code page 905 where the quotation mark (") is not at the same code point as it is in the invariant character set
- EBCDIC code page 1026 where the quotation mark (") is not at the same code point as it is in the invariant character set
- EBCDIC code page 420 does not contain the invariant character SM040000 (asterisk (*)). However, code page 420 has a similar character named SM040007 (

*

) at the same code point where SM040000 normally exists.

- EBCDIC code page 420 does not contain the invariant character SM020000 (percent sign (%)). However, code page 420 has a similar character named SM020007 (

%

) at the same code point where SM020000 normally exists.

Invariant character set symbols

GCGID	Description	Graphic character
LA010000	Latin small letter a	a
LA020000	Latin capital letter A	A
LB010000	Latin small letter b	b
LB020000	Latin capital letter B	B
LC010000	Latin small letter c	c

GCGID	Description	Graphic character
LC020000	Latin capital letter C	C
LD010000	Latin small letter d	d
LD020000	Latin capital letter D	D
LE010000	Latin small letter e	e
LE020000	Latin capital letter E	E
LF010000	Latin small letter f	f
LF020000	Latin capital letter F	F
LG010000	Latin small letter g	g
LG020000	Latin capital letter G	G
LH010000	Latin small letter h	h
LH020000	Latin capital letter H	H
LI010000	Latin small letter i	i
LI020000	Latin capital letter I	I
LJ010000	Latin small letter j	j
LJ020000	Latin capital letter J	J
LK010000	Latin small letter k	k
LK020000	Latin capital letter K	K
LL010000	Latin small letter l	l
LL020000	Latin capital letter L	L
LM010000	Latin small letter m	m
LM020000	Latin capital letter M	M
LN010000	Latin small letter n	n
LN020000	Latin capital letter N	N
LO010000	Latin small letter o	o
LO020000	Latin capital letter O	O
LP010000	Latin small letter p	p
LP020000	Latin capital letter P	P
LQ010000	Latin small letter q	q
LQ020000	Latin capital letter Q	Q
LR010000	Latin small letter r	r
LR020000	Latin capital letter R	R
LS010000	Latin small letter s	s
LS020000	Latin capital letter S	S
LT010000	Latin small letter t	t
LT020000	Latin capital letter T	T
LU010000	Latin small letter u	u
LU020000	Latin capital letter U	U
LV010000	Latin small letter v	v
LV020000	Latin capital letter V	V
LW010000	Latin small letter w	w
LW020000	Latin capital letter W	W

GCGID	Description	Graphic character
LX010000	Latin small letter x	x
LX020000	Latin capital letter X	X
LY010000	Latin small letter y	y
LY020000	Latin capital letter Y	Y
LZ010000	Latin small letter z	z
LZ020000	Latin capital letter Z	Z
ND100000	Arabic number zero	0
ND010000	Arabic number one	1
ND020000	Arabic number two	2
ND030000	Arabic number three	3
ND040000	Arabic number four	4
ND050000	Arabic number five	5
ND060000	Arabic number six	6
ND070000	Arabic number seven	7
ND080000	Arabic number eight	8
ND090000	Arabic number nine	9
SA010000	Plus sign	+
SA030000	Less than sign	<
SA040000	Equal sign	=
SA050000	Greater than sign	>
SM020000	Percent sign	%
SM030000	Ampersand	&
SM040000	Asterisk	*
SP040000	Straight double quote	“
SP050000	Straight single quote	'
SP060000	Left parenthesis	(
SP070000	Right parenthesis)
SP080000	Comma	,
SP090000	Underscore	_
SP100000	Hyphen	-
SP110000	Period	.
SP120000	Slash right	/
SP130000	Colon	:
SP140000	Semicolon	;
SP150000	Question mark	?

Monospace tables

The following is a list of monospace tables on OS/400.

Code Page	Table Object for Monospace	Description
00037	Q037	USA/Canada (EBCDIC)
00256	Q256	International 1 (EBCDIC)

Code Page	Table Object for Monocase	Description
00260	Q260	Canadian French (EBCDIC)
00273	Q273	Germany/Austria (EBCDIC)
00277	Q277	Denmark, Norway (EBCDIC)
00278	Q278	Finland, Sweden (EBCDIC)
00280	Q280	Italy (EBCDIC)
00281	Q281	Japan Latin (EBCDIC)
00284	Q284	Spain/Latin America (EBCDIC)
00285	Q285	United Kingdom (EBCDIC)
00290	Q290	Japanese Katakana extended
00297	Q297	France (EBCDIC)
00420	Q420	Arabic Bilingual (EBCDIC)
00423	Q423	Greece (EBCDIC)
00424	Q424	Israel (Hebrew)
00437	Q437	USA (IBM Personal Computer)
00500	Q500	Multilingual #5
00833	Q833	Korean Extended (EBCDIC)
00836	Q836	Simplified Chinese Extended (EBCDIC)
00838	Q838	Thai Extended (EBCDIC)
00850	Q850	Multilingual (IBM Personal Computer)
00851	Q851	Greece (IBM Personal Computer)
00857	Q857	Turkey (ISO 8859-5)
00860	Q860	Portugal (IBM Personal Computer)
00861	Q861	Iceland (IBM Personal Computer)
00862	Q862	Israel (IBM Personal Computer)
00863	Q863	Canadian French (IBM Personal Computer)
00864	Q864	Arabic (IBM Personal Computer)
00865	Q865	Nordic (IBM Personal Computer)
00870	Q870	Multilingual (ISO 8859-2)
00871	Q871	Iceland (EBCDIC)
00875	Q875	Greece (EBCDIC)
00880	Q880	Cyrillic, Multilingual
00891	Q891	Korea (IBM Personal Computer)
00897	Q897	Japan PC #1 (IBM Personal Computer)
00903	Q903	People's Republic of China (IBM Personal Computer)
00904	Q904	Taiwan (IBM Personal Computer)
00905	Q905	PC-Turkey (ISO 8859-9)
01025	QA3R	Cyrillic, Multilingual (EBCDIC)
01026	QA3S	Turkey (ISO 8859-9)
01027	QA3T	Japanese (Latin) Extended (EBCDIC)
01097	QA5R	Farsi Bilingual (EBCDIC)

Portable character set

The X/Open portable character set is a superset of the IBM invariant character set (00640). The portable character set includes the following 13 symbols that are not represented in the IBM invariant character set 00640:

GCGID	Description	Graphic character
SC030000	Dollar	\$
SD110000	Accent acute	´
SD150000	Caret	^
SD190000	Tilde	~
SM010000	Number sign	#
SM050000	At sign	@
SM060000	Left bracket	[
SM070000	Back slash	\
SM080000	Right bracket]
SM110000	Left brace	{
SM130000	Logical or	|
SM140000	Right brace	}
SP020000	Exclamation point	!

The portable character set also includes the space character and control characters representing the horizontal tab, the vertical tab, and form feed.

Syntactic/invariant character set 00640

With only a few exceptions, each EBCDIC code page contains a common set of graphic characters. Within an encoding scheme, the common characters can be found at the same code points. The exceptions are as follows:

- EBCDIC code page 290 has Katakana characters at the code points where lowercase a through z are in the invariant character set
- EBCDIC code page 905 where the quotation mark (") is not at the same code point as it is in the invariant character set
- EBCDIC code page 1026 where the quotation mark (") is not at the same code point as it is in the invariant character set
- EBCDIC code page 420 does not contain the invariant character SM040000 (asterisk (*)). However, code page 420 has a similar character named SM040007 (

*

) at the same code point where SM040000 normally exists

- EBCDIC code page 420 does not contain the invariant character SM020000 (percent sign (%)). However, code page 420 has a similar character named SM020007 (

%

) at the same code point where SM020000 normally exists

A	B	C	D	E	F	G	H	I	J	K	L	M
LA020000	LB020000	LC020000	LD020000	LE020000	LF020000	LG020000	LH020000	LI020000	LJ020000	LK020000	LL020000	LM020000
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
LN020000	LO020000	LP020000	LQ020000	LR020000	LS020000	LT020000	LU020000	LV020000	LW020000	LX020000	LY020000	LZ020000
a	b	c	d	e	f	g	h	i	j	k	l	m
LA010000	LB010000	LC010000	LD010000	LE010000	LF010000	LG010000	LH010000	LI010000	LJ010000	LK010000	LL010000	LM010000
n	o	p	q	r	s	t	u	v	w	x	y	z
LN010000	LO010000	LP010000	LQ010000	LR010000	LS010000	LT010000	LU010000	LV010000	LW010000	LX010000	LY010000	LZ010000
0	1	2	3	4	5	6	7	8	9			
ND100000	ND010000	ND020000	ND030000	ND040000	ND050000	ND060000	ND070000	ND080000	ND090000			
+	<	=	>	%	&	*	"	'	()	,	_
SA010000	SA030000	SA040000	SA050000	SM020000	SM030000	SM040000	SP040000	SP050000	SP060000	SP070000	SP080000	SP090000
-	.	/	:	;	?							
SP100000	SP110000	SP120000	SP130000	SP140000	SP150000							

Character Set 00640

T.61 Character Set 01252

A	B	C	D	E	F	G	H	I	J	K	L	M
LA020000	LB020000	LC020000	LD020000	LE020000	LF020000	LG020000	LH020000	LI020000	LJ020000	LK020000	LL020000	LM020000
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
LN020000	LO020000	LP020000	LQ020000	LR020000	LS020000	LT020000	LU020000	LV020000	LW020000	LX020000	LY020000	LZ020000
a	b	c	d	e	f	g	h	i	j	k	l	m
LA010000	LB010000	LC010000	LD010000	LE010000	LF010000	LG010000	LH010000	LI010000	LJ010000	LK010000	LL010000	LM010000
n	o	p	q	r	s	t	u	v	w	x	y	z
LN010000	LO010000	LP010000	LQ010000	LR010000	LS010000	LT010000	LU010000	LV010000	LW010000	LX010000	LY010000	LZ010000
Æ	Ð	Ĥ	Ĳ	Ł	Ł	Ń	Œ	Ø	ƒ	Đ		
LA520000	LD620000	LH620000	LI520000	LL620000	LL640000	LN620000	LO520000	LO620000	LT620000	LT640000		
æ	đ	ð	ħ	ij	ı	ƙ	ł	ƀ	ɔ	'n	œ	ø
LA510000	LD610000	LD630000	LH610000	LI510000	LI610000	LK610000	LL610000	LL630000	LN610000	LN630000	LO510000	LO610000
ß	ţ	þ										
LS610000	LT610000	LT630000										
0	1	2	3	4	5	6	7	8	9			
ND100000	ND010000	ND020000	ND030000	ND040000	ND050000	ND060000	ND070000	ND080000	ND090000			
²	³	½	¼	¾	+	±	<	=	>	÷	×	∅
ND021000	ND031000	NF010000	NF040000	NF050000	SA010000	SA020000	SA030000	SA040000	SA050000	SA060000	SA070000	SC010000
£	\$	¢	¥	'	`	^	¨	~	˘	˙	˚	
SC020000	SC030000	SC040000	SC050000	SD118000	SD138000	SD158000	SD178000	SD198000	SD218000	SD238000	SD258000	SD278000
·	-	²	³	·	#	%	&	*	@	[	]	|
SD298000	SD318000	SD418000	SD438000	SD630000	SM010000	SM020000	SM030000	SM040000	SM050000	SM060000	SM080000	SM130000
µ	Ω	°	◊	ª	§	¶	!	¡	"	'	()
SM170000	SM180000	SM190000	SM200000	SM210000	SM240000	SM250000	SP020000	SP030000	SP040000	SP050000	SP060000	SP070000
'	—	—	-	.	/	:	;	?	¿	«	»	
SP080000	SP090000	SP098000	SP100000	SP110000	SP120000	SP130000	SP140000	SP150000	SP160000	SP170000	SP180000	

Character Set 01252

T.61 Character Repertoire 01253

A LA020000	B LB020000	C LC020000	D LD020000	E LE020000	F LF020000	G LG020000	H LH020000	I LI020000	J LJ020000	K LK020000	L LL020000	M LM020000
N LN020000	O LO020000	P LP020000	Q LQ020000	R LR020000	S LS020000	T LT020000	U LU020000	V LV020000	W LW020000	X LX020000	Y LY020000	Z LZ020000
a LA010000	b LB010000	c LC010000	d LD010000	e LE010000	f LF010000	g LG010000	h LH010000	i LI010000	j LJ010000	k LK010000	l LL010000	m LM010000
n LN010000	o LO010000	p LP010000	q LQ010000	r LR010000	s LS010000	t LT010000	u LU010000	v LV010000	w LW010000	x LX010000	y LY010000	z LZ010000
Á LA120000	À LA140000	Â LA160000	Ä LA180000	Ã LA200000	Ǻ LA240000	Å LA280000	Ā LA320000	Ą LA440000	Æ LA520000	Ć LC120000	Ĉ LC160000	Č LC220000
Ċ LC300000	Ç LC420000	Ď LD220000	Ð LD620000	É LE120000	È LE140000	Ê LE160000	Ë LE180000	Ě LE220000	Ĕ LE300000	Ė LE320000	Ę LE440000	Ĝ LG160000
Ğ LG240000	Ġ LG300000	Ģ LG420000	Ĥ LH160000	Ħ LH620000	Í LI120000	Ì LI140000	Î LI160000	Ī LI180000	Ĵ LI200000	İ LI300000	Ĭ LI320000	Į LI440000
Ĳ LI520000	Ĵ LJ160000	Ķ LK420000	Ļ LL120000	Ľ LL220000	Ł LL420000	Ł LL620000	Ł LL640000	Ń LN120000	Ñ LN200000	Ň LN220000	Ņ LN420000	Ŋ LN620000
Ó LO120000	Ò LO140000	Ô LO160000	Ö LO180000	Õ LO200000	Ő LO260000	Ō LO320000	Œ LO520000	Ø LO620000	Ř LR120000	Ř LR220000	Ŕ LR420000	Ś LS120000
Ŝ LS160000	Š LS220000	Ş LS420000	Ţ LT220000	Ț LT420000	Ț LT620000	Ț LT640000	Ú LU120000	Û LU140000	Û LU160000	Ü LU180000	Ū LU200000	Ů LU240000
Ű LU260000	Ų LU280000	Ū LU320000	Ŵ LU440000	Ŷ LW160000	Ý LY120000	Ÿ LY160000	Ÿ LY180000	Ž LZ120000	Ž LZ220000	Ž LZ300000		
á LA110000	à LA130000	â LA150000	ä LA170000	ã LA190000	ǻ LA230000	å LA270000	ā LA310000	ą LA430000	æ LA510000	ć LC110000	ĉ LC150000	č LC210000
ċ LC290000	ç LC410000	ď LD210000	đ LD610000	đ LD630000	é LE110000	è LE130000	ê LE150000	ë LE170000	ě LE210000	ĕ LE290000	ė LE310000	ę LE430000
ğ LG150000	ġ LG230000	ģ LG290000	ĥ LG410000	ĥ LH150000	ĥ LH610000	í LI110000	ì LI130000	î LI150000	ï LI170000	ï LI190000	ĭ LI310000	į LI430000
ij LI510000	ı LI610000	ĵ LJ150000	ķ LK410000	κ LK610000	ĺ LL110000	ļ LL210000	ł LL410000	ł LL610000	ł LL630000	ń LN110000	ñ LN190000	ň LN210000
ŋ LN410000	ŋ LN610000	ŋ LN630000	ó LO110000	ò LO130000	ô LO150000	ö LO170000	õ LO190000	ő LO250000	ō LO310000	œ LO510000	ø LO610000	í LR110000
ř LR210000	ř LR410000	ś LS110000	ŝ LS150000	š LS210000	ş LS410000	ß LS610000	ţ LT210000	ţ LT410000	ţ LT610000	þ LT630000	ú LU110000	ù LU130000
û LU150000	ü LU170000	ũ LU190000	ű LU230000	ű LU250000	ű LU270000	ū LU310000	ų LU430000	ŵ LW150000	ý LY110000	ÿ LY150000	ÿ LY170000	ž LZ110000
ž LZ210000	ž LZ290000	0 ND100000	1 ND010000	2 ND020000	3 ND030000	4 ND040000	5 ND050000	6 ND060000	7 ND070000	8 ND080000	9 ND090000	
2 ND021000	3 ND031000	½ NF010000	¼ NF040000	¾ NF050000	+	±	<	=	>	÷	×	
⌘ SC010000	£ SC020000	\$ SC030000	¢ SC040000	¥ SC050000	' SD110000	` SD130000	^ SD150000	¨ SD170000	~ SD190000	˘ SD210000	˙ SD230000	¨ SD250000
° SD270000	· SD290000	- SD310000	² SD410000	³ SD430000	· SD630000							
# SM010000	% SM020000	& SM030000	* SM040000	@ SM050000	[SM060000	] SM080000	| SM130000	µ SM170000	Ω SM180000	◦ SM190000	◊ SM200000	Ⓐ SM210000
§ SM240000	¶ SM250000	!SP020000	¡ SP030000	" SP040000	' SP050000	(SP060000	) SP070000	, SP080000	— SP090000	- SP100000	· SP110000	/ SP120000

Character Set 01253 (Sheet 1 of 2)

:	;	?	ı	«	»
SP130000	SP140000	SP150000	SP160000	SP170000	SP180000

Character Set 01253 (Sheet 2 of 2)

T.61 graphic character conversions

The following table is a list of T.61 conversions supported on OS/400. It gives the table name and the description and value of the character set and code page converted from and converted to. The *N character in the From Value field means any character set is used.

These conversion tables are used to convert data to and from character set 01253 on code page 01024 to another supported character set and code page.

Table Name	From Description	From Value	To Description	To Value
International Alphabet 5	(*N 01009)	CCITT T.61 (EBCDIC)	(01253 01024)	
CCITT T.61 (EBCDIC)	(*N 01024)	Cyrillic, Multilingual	(01150 01025)	
CCITT T.61 (EBCDIC)	(*N 01024)	Turkey EBCDIC	(01152 01026)	
CCITT T.61 (EBCDIC)	(*N 01024)	International Alphabet 5	(01169 01009)	
CCITT T.61 (EBCDIC)	(*N 01024)	People's Republic of China	(01174 00836)	
CCITT T.61 (EBCDIC)	(*N 01024)	ASCII	(00103 00367)	
CCITT T.61 (EBCDIC)	(*N 01024)	Greece	(00218 00423)	
CCITT T.61 (EBCDIC)	(*N 01024)	Japan Katakana	(00332 00290)	
CCITT T.61 (EBCDIC)	(*N 01024)	USA/Canada	(00697 00037)	
CCITT T.61 (EBCDIC)	(*N 01024)	Austria/Germany	(00697 00273)	
CCITT T.61 (EBCDIC)	(*N 01024)	Denmark/Norway	(00697 00277)	
CCITT T.61 (EBCDIC)	(*N 01024)	Finland/Sweden	(00697 00278)	
CCITT T.61 (EBCDIC)	(*N 01024)	Italy	(00697 00280)	
CCITT T.61 (EBCDIC)	(*N 01024)	Spain/Latin America	(00697 00284)	
CCITT T.61 (EBCDIC)	(*N 01024)	France	(00697 00297)	
CCITT T.61 (EBCDIC)	(*N 01024)	Multinational #5	(00697 00500)	
CCITT T.61 (EBCDIC)	(*N 01024)	Iceland	(00697 00871)	
CCITT T.61 (EBCDIC)	(*N 01024)	Greece	(00925 00875)	
CCITT T.61 (EBCDIC)	(*N 01024)	Korea	(00933 00833)	
CCITT T.61 (EBCDIC)	(*N 01024)	People's Republic of China	(00936 00836)	
CCITT T.61 (EBCDIC)	(*N 01024)	Latin 2, Multilingual	(00959 00870)	
CCITT T.61 (EBCDIC)	(*N 01024)	Cyrillic, Multilingual (old)	(00960 00880)	
Cyrillic, Multilingual	(*N 01025)	CCITT T.61 (EBCDIC)	(01253 001024)	
Turkey EBCDIC	(*N 01026)	CCITT T.61 (EBCDIC)	(01253 01024)	
USA/Canada	(*N 00037)	CCITT T.61 (EBCDIC)	(01253 01024)	
Austria/Germany	(*N 00273)	CCITT T.61 (EBCDIC)	(01253 01024)	
Denmark/Norway	(*N 00277)	CCITT T.61 (EBCDIC)	(01253 01024)	
Finland/Sweden	(*N 00278)	CCITT T.61 (EBCDIC)	(01253 01024)	
Italy	(*N 00280)	CCITT T.61 (EBCDIC)	(01253 01024)	
Spain/Latin America	(*N 00284)	CCITT T.61 (EBCDIC)	(01253 01024)	

Table Name	From Description	From Value	To Description	To Value
Japan Katakana	(*N 00290)	CCITT T.61 (EBCDIC)	(01253 01024)	
France	(*N 00297)	CCITT T.61 (EBCDIC)	(01253 01024)	
ASCII	(*N 00367)	CCITT T.61 (EBCDIC)	(01253 01024)	
Greece	(*N 00423)	CCITT T.61 (EBCDIC)	(01253 01024)	
Multinational #5	(*N 00500)	CCITT T.61 (EBCDIC)	(01253 01024)	
Korea	(*N 00833)	CCITT T.61 (EBCDIC)	(01253 01024)	
People's Republic of China	(*N 00836)	CCITT T.61 (EBCDIC)	(01253 01024)	
Latin 2, Multilingual	(*N 00870)	CCITT T.61 (EBCDIC)	(01253 01024)	
Iceland	(*N 00871)	CCITT T.61 (EBCDIC)	(01253 01024)	
Greece	(*N 00875)	CCITT T.61 (EBCDIC)	(01253 01024)	
Cyrillic, Multilingual (old)	(*N 00880)	CCITT T.61 (EBCDIC)	(01253 01024)	

CCSID reference information

The following topics provide useful information about CCSIDs on OS/400:

- CCSID values defined on OS/400
- Supported CCSID mappings
- Associated CCSID values
- Encoding schemes for CCSIDs
- Language identifiers and associated default CCSIDS

CCSID values defined on OS/400

The following table lists the coded character set identifiers (CCSIDs) that are defined on OS/400.

CCSID	Encoding	Description
00037	1100	US, Canada, Netherlands, Portugal, Brazil, New Zealand, Australia
00256	1100	Netherlands
00273	1100	Austria, Germany
00277	1100	Denmark, Norway
00278	1100	Finland, Sweden
00280	1100	Italy
00284	1100	Spanish, Latin America
00285	1100	United Kingdom
00290	1100	Japan Katakana
00297	1100	France
00300	1200	Japan English
00301	2200	Japanese PC Data
00367	5100	ANSI X3.4 ASCII standard; USA
00420	1100	Arabic-speaking countries
00423	1100	Greece
00424	1100	Hebrew
00425	1100	Arabic-speaking countries
00437	2100	PC Data; PC Base; USA

CCSID	Encoding	Description
00500	1100	Belgium, Canada, Switzerland, International Latin-1
» 00720	2100	MS-DOS Arabic «
00737	2100	MS-DOS Greek PC-Data
00775	2100	MS-DOS Baltic PC-Data
00813	4100	ISO 8859-7; Greek/Latin
00819	4100	ISO 8859-1; Latin Alphabet No. 1
00833	1100	Korea (extended range)
00834	1200	Korea host double byte (including 1880 UDC)
00835	1200	Traditional Chinese host double byte (including 6204 UDC)
00836	1100	Simplified Chinese (extended range)
00837	1200	Simplified Chinese
00838	1100	Thailand (extended range)
00850	2100	PC Data; MLP 222 Latin Alphabet 1
00851	2100	PC Data; Greek
00852	2100	PC Data; Latin-2 Multilingual
00855	2100	PC Data; ROECE Cyrillic
00857	2100	PC Data; Turkey Latin #5
» 00858	2100	PC Data: MLP 222; Latin Alphabet Number 1 w/euro; Latin-1 Countries «
00860	2100	PC Data; Portugal
00861	2100	PC Data; Iceland
00862	2100	PC Data; Hebrew
00863	2100	PC Data; Canada
00864	2100	PC Data; Arabic
00865	2100	PC Data; Denmark, Norway
00866	2100	PC Data; Cyrillic #2 - Personal Computer
» 00868	2100	PC Data: Urdu «
00869	2100	PC Data; Greek
00870	1100	Latin-2 Multilingual
00871	1100	Iceland
00874	2100	Thai PC Data
00875	1100	Greece
» 00878	4105	Russian Internet KOI8-R Cyrillic «
00880	1100	Cyrillic Multilingual
00891	2100	Korean PC Data (non-extended)

CCSID	Encoding	Description
00897	2100	Japanese PC Data (non-extended)
00903	2100	Simplified Chinese PC Data (non-extended)
00904	2100	Traditional Chinese PC Data
00905	1100	Turkey Latin-3
00912	4100	ISO 8859-2; ROECE Latin-2 Multilingual
» 00914	4100	Latin 4 - ISO 8859-4 «
00915	4100	ISO 8859-5; Cyrillic; 8-bit ISO
00916	4100	ISO 8859-8; Hebrew
» 00918	1100	Urdu EBCDIC «
00920	4100	ISO 8859-9; Latin 5
» 00921	4100	Baltic, 8-bit (ISO 8859-13) «
» 00922	4100	Estonia, 8-bit (ISO) «
» 00923	4100	ISO 8859-15: Latin Alphabet with euro «
» 00924	1100	Latin 9 EBCDIC «
00926	2200	Korean PC Data DBCS, UDC 1880
00927	2200	Traditional Chinese PC Data DBCS, UDC 6204
00928	2200	Simplified Chinese PC Data DBCS, UDC 1880
00930	1301	Japan Katakana (extended range) 4370 UDC (User Defined Characters)
00932	2300	Japan PC Data Mixed
00933	1301	Korea (extended range), 1880 UDC
00934	2300	Korean PC Data
00935	1301	Simplified Chinese (extended range)
00936	2300	Simplified Chinese (non-extended)
00937	1301	Traditional Chinese (extended range)
00938	2300	Traditional Chinese (non-extended)
00939	1301	Japan English (extended range) 4370 UDC
» 00941	2200	Japanese DBCS PC for Open environment (Multi-vendor code): 6878 JIS X 0208-1990 characters, 386 IBM selected characters, 1880 IBM UDC (X'F040' to X'F9FC') «
00942	2300	Japanese PC Data Mixed

CCSID	Encoding	Description
00943	2300	Japanese PC Data Mixed for Open environment (Multi-vendor code): 6878 JIS X 0208-1990 characters, 386 IBM selected DBCS characters, 1880 UDC (X'F040' to X'F9FC') ⏪
00944	2300	Korean PC Data Mixed
00946	2300	Simplified Chinese PC Data Mixed
00947	2200	ASCII Double-byte
00948	2300	Traditional Chinese PC Data Mixed 6204 UDC (User Defined Characters)
00949	2300	Republic of Korea National Standard Graphic Character Set (KS) PC Data mixed-byte including 1800 UDC
00950	2300	Traditional Chinese PC Data Mixed for Big5
00951	2200	Republic of Korea National Standard Graphic Character Set (KS) PC Data double-byte including 1800 UDC
00954	4403	Japanese EUC; G0 - JIS X201 Roman set (00895); G1 - JIS X208-1990 set (00952); G2 - JIS X201 Katakana set (04992); G3 - JIS X212 set (00953) ⏪
00956	5404	JIS X201 Roman for CP 00895; JIS X208-1983 for CP 00952
00957	5404	JIS X201 Roman for CP 00895; JIS X208-1978 for CP 00955
00958	5404	ASCII for CP 00367; JIS X208-1983 for CP 00952
00959	5404	ASCII for CP 00367; JIS X208-1978 for CP 00955
00964	4403	G0 - ASCII for CP 00367; G1- CNS 11643 plane 1 for CP 960
00965	5404	ASCII for CP 00367; CNS 11643 plane 1 for CP 960
00970	4403	G0 ASCII for CP 00367; G1 KSC X5601-1989 (including 188 UDCs) for CP 971
00971	8200	Korean EUC, G1 - KS C5601-1989 (including 188 UDC) ⏪
01008	4100	Arabic 8-bit ISO/ASCII
01009	5100	ISO-7; IRV
01010	5100	ISO-7; France
01011	5100	ISO-7; Germany
01012	5100	ISO-7; Italy
01013	5100	ISO-7; United Kingdom
01014	5100	ISO-7; Spain
01015	5100	ISO-7; Portugal
01016	5100	ISO-7; Norway
01017	5100	ISO-7; Denmark
01018	5100	ISO-7; Finland and Sweden
01019	5100	ISO-7; Belgium and Netherlands
01025	1100	Cyrillic Multilingual
01026	1100	Turkey Latin 5 CECP

CCSID	Encoding	Description
01027	1100	Japan English (extended range)
01040	2100	Korean Latin PC Data extended
01041	2100	Japanese PC Data extended
01042	2100	Simplified Chinese PC Data extended
01043	2100	Traditional Chinese PC Data extended
01046	2100	PC Data - Arabic Extended
» 01051	4100	HP Emulation(for use with Latin 1). GCGID SF150000 is mapped to a control X'7F' «
01088	2100	Korean PC Data single-byte
» 01089	4100	ISO 8859-6: Arabic (string type 5) «
01097	1100	Farsi
01098	2100	Farsi (IBM-PC)
01112	1100	Baltic, Multilingual
01114	2100	Traditional Chinese, Taiwan Industry Graphic Character Set (Big5)
01115	2100	Simplified Chinese National Standard (GB), personal computer SBCS
01122	1100	Estonia
» 01123	1100	Cyrillic Ukraine EBCDIC «
» 01124	4100	Cyrillic Ukraine 8-Bit «
» 01125	2100	Cyrillic Ukraine PC-Data «
» 01126	2100	Windows Korean PC Data Single-Byte «
» 01129	4100	ISO-8 Vietnamese «
» 01130	1100	EBCDIC Vietnamese «
» 01131	2100	Cyrillic Belarus PC-Data «
» 01132	1100	EBCDIC Lao «
» 01133	4100	ISO-8 Lao «

CCSID	Encoding	Description
01137	1100	Devanagari EBCDIC ◀
01140	1100	ECECP: USA, Canada, Netherlands, Portugal, Brazil, Australia, New Zealand ◀
01141	1100	ECECP: Austria, Germany ◀
01142	1100	ECECP: Denmark, Norway ◀
01143	1100	ECECP: Finland, Sweden ◀
01144	1100	ECECP: Italy ◀
01145	1100	ECECP: Spain, Latin America (Spanish) ◀
01146	1100	ECECP: United Kingdom ◀
01147	1100	ECECP: France ◀
01148	1100	ECECP: International 1 ◀
01149	1100	ECECP: Iceland ◀
01153	1100	Latin-2 - EBCDIC Multilingual with euro ◀
01154	1100	Cyrillic Multilingual with euro ◀
01155	1100	Turkey Latin 5 with euro ◀
01156	1100	Baltic, Multilingual with euro ◀
01157	1100	Estonia EBCDIC with euro ◀
01158	1100	Cyrillic Ukraine EBCDIC with euro ◀

CCSID	Encoding	Description
01160	1100	Thai host with euro ⏪
01164	1100	EBCDIC Vietnamese with euro ⏪
01208	7807	UTF-8 ⏪
01250	4105	Windows ^(R) , Latin 2
01251	4105	Windows, Cyrillic
01252	4105	Windows, Latin 1
01253	4105	Windows, Greek
01254	4105	Windows, Turkish
01255	4105	Windows, Hebrew
01256	4105	Windows, Arabic
01257	4105	Windows, Baltic Rim
01258	4105	MS Windows, Vietnamese ⏪
01275	4105	Apple Latin-1 ⏪
01280	4105	Apple Greek ⏪
01281	4105	Apple Turkey ⏪
01282	4105	Apple Central European (Latin-2) ⏪
01283	4105	Apple Cyrillic ⏪
01362	2200	Windows Korean PC DBCS-PC, including 11,172 full hangul ⏪
01363	2300	Windows Korean PC Mixed, including 11,172 full hangul ⏪
01364	1301	Korean host mixed extended including 11,172 full hangul ⏪
01380	2200	Simplified Chinese, People's Republic of China National Standard (GB), personal computer DBCS
01381	2300	Simplified Chinese, People's Republic of China National Standard (GB) personal computer mixed SBCS and DBCS

CCSID	Encoding	Description
01382	8200	Simplified Chinese DBCS PC GB 2312-80 set, including 31 IBM selected and 1360 UDC. ⏪
01383	4403	Simplified Chinese, EUC <ul style="list-style-type: none"> • G0 set; ASCII • G1 set; GB 2312-80 set (1382)
01385	2200	Simplified Chinese DBCS-PC GBK, all GBK character set and others ⏪
01386	2300	Simplified Chinese PC Data GBK mixed, all GBK character set and others ⏪
01388	1301	Simplified Chinese DBCS- GB 18030 Host with UDCs and Uygur extension. ⏪
01399	1301	Japanese Latin-Kanji Host Mixed including 4370 UDC, Extended SBCS (includes SBCS and DBCS euro) ⏪
04396	1200	Japanese Host DB including 1880
04930	1200	Korean DBCS-Host extended including 11,172 full hangul ⏪
04933	1200	Simplified Chinese DBCS Host (GBK), all GBK character set and others ⏪
04948	2100	Latin 2 PC Data Multilingual
04951	2100	Cyrillic PC Data Multilingual
04952	2100	Hebrew PC Data
04953	2100	Turkey PC Data Latin 5
04960	2100	Arabic PC Data
04965	2100	Greek PC Data
04970	2100	Thai PC Data Single-Byte ⏪
04971	1100	Greek (including euro) ⏪
05026	1301	Japan Katakana (extended range) 1880 UDC
05035	1301	Japan English (extended range) 1880 UDC
05050	4403	G0 - JIS X201 Roman for CP 895; G1 JIS X208-1990 for CP 952
05052	5404	JIS X201 Roman for CP 895; JIS X208-1983 for CP 952
05053	5404	JIS X201 Roman for CP 895; JIS X208-1978 for CP 955

CCSID	Encoding	Description
05054	5404	ASCII for CP 367; JIS X208-1983 for CP 952
05055	5404	ASCII for CP 367; JIS X208-1978 for CP 955
» 05123	1100	Japanese Latin Host Extended SBCS (includes euro) «
» 05210	2100	Simplified Chinese PC Data Single-Byte (GBK), growing CS «
08612	01100	Arabic (base shapes only)
09030	1100	Thai Host Extended SBCS
09056	2100	PC Data: Arabic PC Storage/Interchange
09066	2100	Thai PC Data Extended SBCS
» 12708	1100	Arabic (base shapes, Lamaleph ligatures and Hindi digits) (string type 7) «
» 13121	1100	Korean Host Extended SBCS «
» 13124	1100	Simplified Chinese Host Data Single-Byte (GBK) equivalent to Simplified Chinese Host Data Single-Byte (GB) except growing CS «
13488	7200	ISO/IEC 10646 Universal Coded Character Set Level 2 (UCS-2)
» 16684	1200	Japanese Latin Host Double-Byte including 4370 UDC (includes euro) «
17354	5404	G0 - ASCII for CP 00367; G1 - KSC X5601-1989 (including 188 UDCs) for CP 00971
» 25546	5409	Korean 2022-KR TCP, ASCII, KS C5601-1989 (includes 188 UDC, RFC1557 using SO/SI) «
28709	1100	Traditional Chinese (extended range)
33722	4403	Japanese EUC <ul style="list-style-type: none"> • G0; JIS X201 Roman set (00895) • G1; JIS X208-1990 set (00952) • G2; JIS X201 Katakana set (04992) • G3; JIS X212 set (09145)
57345	5404	All Japanese 2022 characters
61952	7200	OS/400 specific (old CCSID for UCS). Use of 13488 is recommended instead.
» 62210	4100	OS/400 specific ISO 8859-8; Hebrew, string type 4. «
» 62211	1100	OS/400 specific EBCDIC; Hebrew, string type 5 «

CCSID	Encoding	Description
62215	4105	OS/400 specific MS Windows; Hebrew, string type 4 ⏪
62218	2100	OS/400 specific PC data; Arabic, string type 4 ⏪
62222	4100	OS/400 specific ISO 8859-9; Hebrew, string type 6 ⏪
62223	4105	OS/400 specific MS Windows; Hebrew, string type 6 ⏪
62224	1100	OS/400 specific EBCDIC; Arabic, string type 6 ⏪
62228	4105	OS/400 specific MS Windows; Arabic, string type 6 ⏪
62235	1100	OS/400 specific EBCDIC; Hebrew, string type 6 ⏪
62238	4100	OS/400 specific ISO 8859-9; Hebrew, string type 10 ⏪
62239	4105	OS/400 specific MS Windows; Hebrew, string type 10 ⏪
62245	1100	OS/400 specific EBCDIC; Hebrew, string type 10 ⏪
65534		Look at lower level CCSID
65535		Special value indicating data is hex and should not be converted. This is the default for the QCCSID system value.

Supported CCSID mappings

The following CCSID mappings are supported on OS/400.

From CCSID	To CCSID
00037	00256, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00367, 00420, 00423, 00424, 00425, 00437, 00500, 00720, 00737, 00775, 00813, 00819, 00833, 00836, 00838, 00850, 00852, 00855, 00857, 00860, 00861, 00862, 00863, 00864, 00865, 00866, 00869, 00870, 00871, 00874, 00875, 00880, 00897, 00903, 00904, 00905, 00912, 00914, 00915, 00916, 00918, 00920, 00921, 00922, 00924, 00930, 00933, 00935, 00937, 00939, 00948, 01025, 01026, 01027, 01041, 01043, 01051, 01088, 01089, 01097, 01098, 01112, 01114, 01115, 01122, 01124, 01126, 01130, 01131, 01132, 01137, 01140, 01141, 01142, 01143, 01144, 01145, 01146, 01147, 01148, 01149, 01153, 01154, 01155, 01156, 01157, 01158, 01160, 01164, 01208, 01250, 01251, 01252, 01253, 01254, 01255, 01256, 01257, 01258, 01275, 01280, 01281, 01282, 01283, 01364, 01388, 01399, 04970, 04971, 05026, 05035, 05123, 08612, 09030, 12708, 13121, 13124, 13488, 28709, 61952, 62211, 62224, 62235, 62245, 62251

From CCSID	To CCSID
00256	00037, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00420, 00423, 00424, 00500, 00737, 00775, 00819, 00833, 00836, 00838, 00850, 00870, 00871, 00875, 00880, 00905, 00930, 00933, 00935, 00937, 00939, 01025, 01026, 01027, 01112, 01122, 01208, 01252, 01364, 01388, 01399, 05026, 05035, 05123, 08612, 09030, 13121, 13124, 13488, 28709, 61952
00273	00037, 00256, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00423, 00437, 00500, 00737, 00775, 00813, 00819, 00833, 00836, 00838, 00850, 00852, 00857, 00860, 00861, 00863, 00865, 00870, 00871, 00874, 00875, 00880, 00897, 00903, 00912, 00916, 00920, 00930, 00933, 00935, 00937, 00939, 01025, 01026, 01027, 01051, 01112, 01122, 01140, 01141, 01142, 01143, 01144, 01145, 01146, 01147, 01148, 01149, 01208, 01250, 01252, 01364, 01388, 01399, 05026, 05035, 05123, 09030, 13121, 13124, 13488, 28709, 61952
00277	00037, 00256, 00273, 00278, 00280, 00284, 00285, 00290, 00297, 00423, 00437, 00500, 00737, 00775, 00813, 00819, 00833, 00836, 00838, 00850, 00857, 00860, 00861, 00863, 00865, 00870, 00871, 00874, 00875, 00880, 00897, 00903, 00912, 00916, 00920, 00930, 00933, 00935, 00937, 00939, 01025, 01026, 01027, 01051, 01112, 01122, 01140, 01141, 01142, 01143, 01144, 01145, 01146, 01147, 01148, 01149, 01208, 01252, 01364, 01388, 01399, 05026, 05035, 05123, 09030, 13121, 13124, 13488, 28709, 61952
00278	00037, 00256, 00273, 00277, 00280, 00284, 00285, 00290, 00297, 00423, 00437, 00500, 00737, 00775, 00813, 00819, 00833, 00836, 00838, 00850, 00857, 00860, 00861, 00863, 00865, 00870, 00871, 00874, 00875, 00880, 00897, 00903, 00912, 00916, 00920, 00930, 00933, 00935, 00937, 00939, 01025, 01026, 01027, 01051, 01112, 01122, 01140, 01141, 01142, 01143, 01144, 01145, 01146, 01147, 01148, 01149, 01208, 01252, 01364, 01388, 01399, 05026, 05035, 05123, 09030, 13121, 13124, 13488, 28709, 61952
00280	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00423, 00437, 00500, 00737, 00775, 00813, 00819, 00833, 00836, 00838, 00850, 00857, 00860, 00861, 00863, 00865, 00870, 00871, 00874, 00875, 00880, 00897, 00903, 00912, 00916, 00920, 00930, 00933, 00935, 00937, 00939, 01025, 01026, 01027, 01051, 01112, 01122, 01140, 01141, 01142, 01143, 01144, 01145, 01146, 01147, 01148, 01149, 01208, 01252, 01364, 01388, 01399, 05026, 05035, 05123, 09030, 13121, 13124, 13488, 28709, 61952
00284	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00423, 00437, 00500, 00737, 00775, 00813, 00819, 00833, 00836, 00838, 00850, 00857, 00860, 00861, 00863, 00865, 00870, 00871, 00874, 00875, 00880, 00897, 00903, 00912, 00916, 00920, 00930, 00933, 00935, 00937, 00939, 01025, 01026, 01027, 01051, 01112, 01122, 01140, 01141, 01142, 01143, 01144, 01145, 01146, 01147, 01148, 01149, 01208, 01252, 01364, 01388, 01399, 05026, 05035, 05123, 09030, 13121, 13124, 13488, 28709, 61952
00285	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00290, 00297, 00423, 00437, 00500, 00737, 00775, 00813, 00819, 00833, 00836, 00838, 00850, 00857, 00860, 00861, 00863, 00865, 00870, 00871, 00874, 00875, 00880, 00897, 00903, 00912, 00916, 00920, 00930, 00933, 00935, 00937, 00939, 01025, 01026, 01027, 01051, 01112, 01122, 01140, 01141, 01142, 01143, 01144, 01145, 01146, 01147, 01148, 01149, 01208, 01252, 01364, 01388, 01399, 05026, 05035, 05123, 09030, 13121, 13124, 13488, 28709, 61952
00290	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00297, 00437, 00500, 00737, 00775, 00819, 00833, 00836, 00850, 00871, 00895, 00897, 00930, 00933, 00935, 00937, 00939, 00942, 00943, 00954, 01025, 01027, 01041, 01112, 01122, 01208, 01252, 01364, 01388, 01399, 05026, 05035, 05123, 09030, 13121, 13124, 13488, 28709, 61952
00297	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00423, 00437, 00500, 00737, 00775, 00813, 00819, 00833, 00836, 00838, 00850, 00857, 00860, 00861, 00863, 00865, 00870, 00871, 00874, 00875, 00880, 00897, 00903, 00912, 00916, 00920, 00930, 00933, 00935, 00937, 00939, 01025, 01026, 01027, 01051, 01112, 01122, 01140, 01141, 01142, 01143, 01144, 01145, 01146, 01147, 01148, 01149, 01208, 01252, 01364, 01388, 01399, 05026, 05035, 05123, 09030, 13121, 13124, 13488, 28709, 61952
00300	00930, 00939, 00941, 01208, 04396, 05026, 05035, 13488, 61952
00301	00300, 01208, 04396, 13488, 16684, 61952
00367	00037, 00500, 00833, 01208, 13121, 13124, 13488, 61952

From CCSID	To CCSID
00420	00037, 00256, 00425, 00500, 00720, 00737, 00775, 00819, 00850, 00864, 00937, 01008, 01046, 01089, 01112, 01122, 01208, 01256, 04960, 08612, 09030, 09056, 12708, 13488, 28709, 61952, 62218, 62224, 62228, 62251
00423	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00297, 00437, 00500, 00737, 00775, 00813, 00819, 00838, 00850, 00852, 00857, 00860, 00861, 00863, 00869, 00870, 00871, 00874, 00875, 00880, 00897, 00903, 00912, 00916, 00920, 00937, 01025, 01026, 01027, 01041, 01042, 01043, 01112, 01122, 01208, 01253, 04965, 04971, 05123, 09030, 13488, 28709, 61952
00424	00037, 00256, 00500, 00737, 00775, 00819, 00850, 00862, 00916, 00937, 01112, 01122, 01208, 01255, 04952, 09030, 13488, 28709, 61952, 62210, 62211, 62215, 62222, 62223, 62235, 62238, 62239, 62245
00425	00037, 00420, 00500, 00819, 00864, 01046, 01089, 01140, 01148, 01208, 01252, 01256, 08612, 12708, 13488, 61952, 62224, 62228
00437	00037, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00423, 00500, 00737, 00775, 00813, 00819, 00833, 00836, 00838, 00850, 00852, 00855, 00857, 00860, 00861, 00863, 00865, 00866, 00870, 00871, 00874, 00875, 00880, 00897, 00903, 00912, 00914, 00915, 00916, 00918, 00920, 00921, 00922, 00937, 01025, 01026, 01027, 01042, 01051, 01097, 01098, 01140, 01141, 01142, 01143, 01144, 01145, 01146, 01147, 01148, 01149, 01208, 01252, 01257, 01275, 01280, 01281, 01282, 01283, 04971, 05123, 13121, 13124, 13488, 28709, 61952
00500	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00367, 00420, 00423, 00424, 00425, 00437, 00737, 00775, 00813, 00819, 00833, 00836, 00838, 00850, 00852, 00855, 00857, 00860, 00861, 00862, 00863, 00864, 00865, 00866, 00869, 00870, 00871, 00875, 00880, 00891, 00897, 00905, 00912, 00914, 00915, 00916, 00918, 00920, 00921, 00922, 00924, 00930, 00933, 00935, 00937, 00939, 01010, 01011, 01012, 01013, 01014, 01015, 01016, 01017, 01018, 01019, 01025, 01026, 01027, 01051, 01088, 01089, 01097, 01098, 01112, 01114, 01115, 01122, 01124, 01126, 01130, 01131, 01132, 01137, 01140, 01141, 01142, 01143, 01144, 01145, 01146, 01147, 01148, 01149, 01153, 01154, 01155, 01156, 01157, 01158, 01160, 01164, 01208, 01250, 01251, 01252, 01254, 01255, 01256, 01257, 01258, 01275, 01280, 01281, 01282, 01283, 01364, 01388, 01399, 04970, 04971, 05026, 05035, 05123, 08612, 09030, 12708, 13121, 13124, 13488, 28709, 61952, 62211, 62224, 62235, 62245, 62251
00720	00037, 00420, 00864, 01208, 01256, 13488, 61952
00737	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00420, 00423, 00424, 00437, 00500, 00833, 00836, 00838, 00850, 00869, 00870, 00871, 00875, 00880, 00905, 01025, 01026, 01027, 01097, 01208, 01252, 01253, 04971, 05123, 13121, 13124, 13488, 28709, 61952
00775	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00420, 00423, 00424, 00437, 00500, 00833, 00836, 00838, 00850, 00870, 00871, 00875, 00880, 00905, 01025, 01026, 01027, 01097, 01112, 01122, 01208, 01252, 01257, 05123, 13121, 13124, 13488, 28709, 61952
00813	00037, 00273, 00277, 00278, 00280, 00284, 00285, 00297, 00423, 00437, 00500, 00819, 00838, 00850, 00852, 00857, 00860, 00861, 00863, 00869, 00870, 00871, 00874, 00875, 00880, 00897, 00903, 00912, 00916, 00920, 01025, 01026, 01027, 01041, 01042, 01043, 01208, 04971, 05123, 13488, 28709, 61952

From CCSID	To CCSID
00819	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00420, 00423, 00424, 00425, 00437, 00500, 00813, 00833, 00836, 00838, 00850, 00852, 00855, 00857, 00860, 00861, 00862, 00863, 00864, 00865, 00866, 00869, 00870, 00871, 00874, 00875, 00880, 00897, 00903, 00905, 00912, 00914, 00915, 00916, 00918, 00920, 00921, 00922, 00930, 00933, 00935, 00937, 00939, 01025, 01026, 01027, 01041, 01042, 01043, 01051, 01088, 01089, 01097, 01098, 01112, 01114, 01122, 01126, 01130, 01132, 01137, 01140, 01141, 01142, 01143, 01144, 01145, 01146, 01147, 01148, 01149, 01208, 01250, 01251, 01252, 01253, 01254, 01255, 01256, 01257, 01258, 01275, 01280, 01281, 01282, 01283, 01364, 01388, 01399, 04971, 05026, 05035, 05123, 13121, 13124, 13488, 28709, 61952, 62211, 62235, 62245, 62251
00833	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00367, 00437, 00500, 00737, 00775, 00819, 00836, 00850, 00871, 00891, 00930, 00933, 00935, 00937, 00939, 00944, 00949, 01027, 01040, 01088, 01112, 01122, 01126, 01208, 01252, 01363, 01364, 01388, 01399, 05026, 05035, 05123, 09030, 13121, 13124, 13488, 28709, 61952
00834	00926, 00933, 00951, 01208, 01362, 01364, 04930, 13488, 61952
00835	00927, 00937, 00947, 01208, 13488, 61952
00836	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00437, 00500, 00737, 00775, 00819, 00833, 00850, 00871, 00903, 00930, 00933, 00935, 00937, 00939, 00946, 01027, 01042, 01112, 01114, 01115, 01122, 01208, 01252, 01364, 01381, 01386, 01388, 01399, 05026, 05035, 05123, 09030, 13121, 13124, 13488, 28709, 61952
00837	00928, 00935, 01208, 01380, 01382, 01385, 01388, 13488, 61952
00838	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00297, 00423, 00437, 00500, 00737, 00775, 00813, 00819, 00850, 00852, 00857, 00860, 00861, 00863, 00869, 00870, 00871, 00874, 00875, 00880, 00897, 00903, 00912, 00916, 00920, 00937, 01025, 01026, 01027, 01041, 01042, 01043, 01112, 01122, 01160, 01208, 04970, 05123, 09030, 13488, 28709, 61952
00850	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00420, 00423, 00424, 00437, 00500, 00737, 00775, 00813, 00819, 00833, 00836, 00838, 00852, 00855, 00857, 00860, 00861, 00862, 00863, 00864, 00865, 00866, 00869, 00870, 00871, 00874, 00875, 00880, 00897, 00903, 00905, 00912, 00914, 00915, 00916, 00918, 00920, 00921, 00922, 00930, 00933, 00935, 00937, 00939, 01025, 01026, 01027, 01041, 01051, 01089, 01097, 01098, 01112, 01122, 01130, 01132, 01140, 01141, 01142, 01143, 01144, 01145, 01146, 01147, 01148, 01149, 01208, 01250, 01251, 01252, 01254, 01255, 01256, 01257, 01275, 01280, 01281, 01282, 01283, 01364, 01388, 01399, 04971, 05026, 05035, 05123, 08612, 09030, 09056, 13121, 13124, 13488, 28709, 61952, 62211, 62235, 62245
00851	01208, 13488, 61952
00852	00037, 00273, 00423, 00437, 00500, 00813, 00819, 00838, 00850, 00869, 00870, 00874, 00875, 00897, 00903, 00912, 01208, 01252, 04948, 13488, 61952
00855	00037, 00437, 00500, 00819, 00850, 00915, 01025, 01208, 01252, 13488, 61952
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00858	01140, 01141, 01142, 01143, 01144, 01145, 01146, 01147, 01148, 01149, 01399, 04971, 05123
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From CCSID	To CCSID
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From CCSID	To CCSID
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From CCSID	To CCSID
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From CCSID	To CCSID
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01363	00833, 00933, 01208, 01364, 13488, 61952

From CCSID	To CCSID
01364	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00500, 00819, 00833, 00836, 00850, 00871, 00930, 00933, 00934, 00935, 00937, 00939, 00944, 00949, 00970, 01027, 01040, 01208, 01363, 01388, 01399, 05026, 05035, 05123, 13121, 13124, 13488, 28709, 61952
01380	00837, 01208, 04933, 13488, 61952
01381	00836, 00935, 01208, 01388, 13488, 61952
01382	00837, 04933
01383	00935, 01208, 01388, 13488, 61952
01385	00837, 01208, 04933, 13488, 61952
01386	00836, 00935, 01208, 01388, 13124, 13488, 61952
01388	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00500, 00819, 00833, 00836, 00850, 00871, 00930, 00933, 00935, 00936, 00937, 00939, 00946, 01027, 01042, 01208, 01364, 01381, 01383, 01386, 01399, 05026, 05035, 05123, 13121, 13124, 13488, 28709, 61952
01392	01200, 01208, 13488
01399	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00500, 00819, 00833, 00836, 00850, 00858, 00871, 00895, 00897, 00930, 00932, 00933, 00935, 00937, 00939, 00942, 00943, 00954, 01027, 01041, 01140, 01141, 01142, 01143, 01144, 01145, 01146, 01147, 01148, 01149, 01208, 01364, 01388, 05026, 05035, 05050, 05123, 13121, 13124, 13488, 28709, 33722, 61952
04396	00300, 00301, 00930, 00939, 00941, 05026, 05035, 16684
04930	00834, 00951, 00971, 01208, 01362, 13488, 61952
04933	01208, 01380, 01382, 01385, 13488, 61952
04948	00852, 00870, 00880, 01025, 01208, 13488, 61952
04951	00870, 00880, 01025, 01208, 13488, 61952
04952	00424, 01208, 13488, 61952
04953	00857, 00905, 01026
04960	00420, 01208, 08612, 13488, 61952
04965	00423, 00875
04970	00037, 00500, 00838
04971	00037, 00423, 00437, 00500, 00737, 00813, 00819, 00850, 00858, 00869, 00875, 00923, 01140, 01141, 01142, 01143, 01144, 01145, 01146, 01147, 01148, 01149, 01153, 01154, 01155, 01156, 01157, 01208, 01252, 01253, 13488, 61952
05026	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00500, 00819, 00833, 00836, 00850, 00871, 00895, 00897, 00930, 00932, 00933, 00935, 00937, 00939, 00942, 00943, 00954, 00956, 00957, 00958, 00959, 01027, 01041, 01208, 01364, 01388, 01399, 05035, 05050, 05052, 05053, 05054, 05055, 05123, 13121, 13124, 13488, 28709, 33722, 61952
05035	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00500, 00819, 00833, 00836, 00850, 00871, 00895, 00897, 00930, 00932, 00933, 00935, 00937, 00939, 00942, 00943, 00954, 00956, 00957, 00958, 00959, 01027, 01041, 01208, 01364, 01388, 01399, 05026, 05050, 05052, 05053, 05054, 05055, 05123, 13121, 13124, 13488, 28709, 33722, 61952
05050	00930, 00939, 01208, 01399, 05026, 05035, 13488, 61952
05052	00930, 00939, 01208, 05026, 05035, 13488, 61952
05053	00930, 00939, 01208, 05026, 05035, 13488, 61952
05054	00930, 00939, 01208, 05026, 05035, 13488, 61952

From CCSID	To CCSID
05055	00930, 00939, 01208, 05026, 05035, 13488, 61952
05123	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00423, 00437, 00500, 00737, 00775, 00813, 00819, 00833, 00836, 00838, 00850, 00858, 00860, 00861, 00863, 00869, 00871, 00874, 00875, 00880, 00897, 00903, 00912, 00916, 00930, 00933, 00935, 00937, 00939, 00942, 00943, 01025, 01027, 01041, 01042, 01112, 01122, 01140, 01141, 01142, 01143, 01144, 01145, 01146, 01147, 01148, 01149, 01154, 01156, 01157, 01160, 01208, 01252, 01364, 01388, 01399, 05026, 05035, 09030, 13121, 13124, 13488, 28709, 61952
05210	13124
08612	00037, 00256, 00420, 00425, 00500, 00850, 00864, 01008, 01046, 01208, 01256, 04960, 12708, 13488, 28709, 61952, 62224, 62251
09030	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00420, 00423, 00424, 00500, 00833, 00836, 00838, 00850, 00870, 00871, 00875, 00880, 00905, 01025, 01026, 01027, 01097, 01112, 01122, 01208, 05123, 09066, 13121, 13488, 28709, 61952
09056	00420, 00850, 00864, 01208, 13488, 61952
09066	01208, 09030, 13488, 61952
12708	00037, 00420, 00425, 00500, 01208, 01256, 08612, 13488, 61952, 62224, 62251
13121	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00367, 00437, 00500, 00737, 00775, 00819, 00833, 00836, 00850, 00871, 00891, 00930, 00933, 00935, 00937, 00939, 00944, 00949, 01027, 01040, 01088, 01112, 01122, 01126, 01208, 01252, 01364, 01388, 01399, 05026, 05035, 05123, 09030, 13124, 13488, 28709, 61952
13124	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00367, 00437, 00500, 00737, 00775, 00819, 00833, 00836, 00850, 00871, 00903, 00930, 00933, 00935, 00937, 00939, 00946, 01027, 01042, 01112, 01114, 01115, 01122, 01208, 01252, 01364, 01386, 01388, 01399, 05026, 05035, 05123, 05210, 13121, 13488, 28709, 61952
13488	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00300, 00301, 00367, 00420, 00423, 00424, 00425, 00437, 00500, 00720, 00737, 00775, 00813, 00819, 00833, 00834, 00835, 00836, 00837, 00838, 00850, 00851, 00852, 00855, 00857, 00860, 00861, 00862, 00863, 00864, 00865, 00866, 00868, 00869, 00870, 00871, 00874, 00875, 00878, 00880, 00891, 00897, 00905, 00912, 00914, 00915, 00916, 00918, 00920, 00921, 00922, 00923, 00924, 00926, 00927, 00928, 00930, 00932, 00933, 00934, 00935, 00937, 00938, 00939, 00941, 00942, 00943, 00944, 00946, 00947, 00948, 00949, 00950, 00951, 00954, 00956, 00957, 00958, 00959, 00964, 00965, 00970, 01009, 01010, 01011, 01012, 01013, 01014, 01015, 01016, 01017, 01018, 01019, 01025, 01026, 01027, 01046, 01051, 01089, 01097, 01098, 01112, 01122, 01123, 01124, 01125, 01129, 01130, 01131, 01132, 01137, 01140, 01141, 01142, 01143, 01144, 01145, 01146, 01147, 01148, 01149, 01153, 01154, 01155, 01156, 01157, 01158, 01160, 01164, 01208, 01250, 01251, 01252, 01253, 01254, 01255, 01256, 01257, 01258, 01275, 01280, 01281, 01282, 01283, 01362, 01363, 01364, 01380, 01381, 01383, 01385, 01386, 01388, 01392, 01399, 04930, 04933, 04948, 04951, 04952, 04960, 04971, 05026, 05035, 05050, 05052, 05053, 05054, 05055, 05123, 08612, 09030, 09056, 09066, 12708, 13121, 13124, 16684, 17354, 28709, 33722, 61952, 62211, 62224, 62235, 62245, 62251
16684	00930, 00939, 00941, 01208, 01399, 04396, 05026, 05035, 13488, 61952
17354	00933, 01208, 13488, 61952
25546	00933
28709	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00420, 00423, 00424, 00437, 00500, 00737, 00775, 00813, 00819, 00833, 00836, 00838, 00850, 00857, 00860, 00861, 00863, 00865, 00869, 00870, 00871, 00874, 00875, 00880, 00897, 00903, 00904, 00905, 00912, 00916, 00920, 00930, 00933, 00935, 00937, 00939, 00948, 00950, 01025, 01026, 01027, 01043, 01088, 01112, 01114, 01122, 01208, 01252, 01364, 01388, 01399, 05026, 05035, 05123, 08612, 09030, 13121, 13124, 13488, 61952
33722	00930, 00939, 01208, 01399, 05026, 05035, 13488, 61952

From CCSID	To CCSID
57345	00930, 00939, 05026, 05035
61952	00037, 00256, 00273, 00277, 00278, 00280, 00284, 00285, 00290, 00297, 00300, 00301, 00367, 00420, 00423, 00424, 00425, 00437, 00500, 00720, 00737, 00775, 00813, 00819, 00833, 00834, 00835, 00836, 00837, 00838, 00850, 00851, 00852, 00855, 00857, 00860, 00861, 00862, 00863, 00864, 00865, 00866, 00868, 00869, 00870, 00871, 00874, 00875, 00878, 00880, 00891, 00897, 00905, 00912, 00914, 00915, 00916, 00918, 00920, 00921, 00922, 00923, 00924, 00926, 00927, 00928, 00930, 00932, 00933, 00934, 00935, 00937, 00938, 00939, 00941, 00942, 00943, 00944, 00946, 00947, 00948, 00949, 00950, 00951, 00954, 00956, 00957, 00958, 00959, 00964, 00965, 00970, 01009, 01010, 01011, 01012, 01013, 01014, 01015, 01016, 01017, 01018, 01019, 01025, 01026, 01027, 01046, 01051, 01089, 01097, 01098, 01112, 01122, 01123, 01124, 01125, 01129, 01130, 01131, 01132, 01137, 01140, 01141, 01142, 01143, 01144, 01145, 01146, 01147, 01148, 01149, 01153, 01154, 01155, 01156, 01157, 01158, 01160, 01164, 01250, 01251, 01252, 01253, 01254, 01255, 01256, 01257, 01258, 01275, 01280, 01281, 01282, 01283, 01362, 01363, 01364, 01380, 01381, 01383, 01385, 01386, 01388, 01399, 04930, 04933, 04948, 04951, 04952, 04960, 04971, 05026, 05035, 05050, 05052, 05053, 05054, 05055, 05123, 08612, 09030, 09056, 09066, 12708, 13121, 13124, 13488, 16684, 17354, 28709, 33722, 62211, 62224, 62235, 62245, 62251
62209	62211, 62235, 62245
62210	00424, 62211, 62235, 62245
62211	00037, 00424, 00500, 00819, 00850, 00862, 00916, 01208, 01255, 13488, 61952, 62209, 62210, 62213, 62215, 62222, 62223, 62235, 62245
62213	62211
62215	00424, 62211, 62235, 62245
62218	00420
62221	62235
62222	00424, 62211, 62235, 62245
62223	00424, 62211, 62235, 62245
62224	00037, 00420, 00425, 00500, 01208, 01256, 08612, 12708, 13488, 61952, 62251
62228	00420, 00425, 62251
62235	00037, 00424, 00500, 00819, 00850, 00862, 00916, 01208, 01255, 13488, 61952, 62209, 62210, 62211, 62215, 62221, 62222, 62223, 62245
62238	00424, 62245
62239	00424, 62245
62245	00037, 00424, 00500, 00819, 00850, 00862, 00916, 01208, 01255, 13488, 61952, 62209, 62210, 62211, 62215, 62222, 62223, 62235, 62238, 62239
62251	00037, 00420, 00500, 00819, 00864, 01046, 01089, 01140, 01148, 01208, 01252, 01256, 08612, 12708, 13488, 61952, 62224, 62228

Associated CCSIDs

The following table shows the associated CCSIDs for a given CCSID value and encoding scheme. If a CCSID does not have an associated CCSID value for an encoding scheme, - (not defined) is shown in the table.

Although not represented in the table, if you request an encoding scheme that is the same as the input CCSID, you will get back the input CCSID. For example, if you request the associated CCSID of CCSID 00037 with an encoding scheme of 01100, you will get back 00037.

Input CCSID	1100	1200	1301	2100	2200	2300	4100	4105	4403	5100	5404
00037	-	00835	00937	00437	00947	00950	00819	01252	-	00367	-
00256	-	-	-	00437	-	-	00819	01252	-	00367	-
00273	-	-	-	00850	-	-	00819	01252	-	-	-
00277	-	-	-	00865	-	-	00819	01252	-	-	-
00278	-	-	-	00865	-	-	00819	01252	-	-	-
00280	-	-	-	00850	-	-	00819	01252	-	-	-
00284	-	-	-	00850	-	-	00819	01252	-	-	-
00285	-	-	-	00850	-	-	00819	01252	-	-	-
00290	-	04396	05026	01041	00301	00942	-	-	-	-	-
00297	-	-	-	00850	-	-	00819	01252	-	-	-
00300	00290	-	00930	01041	00301	00942	-	-	-	-	-
00301	00290	04396	05026	01041	-	00942	-	-	-	-	-
00367	00500	-	-	00850	-	-	00819	01252	-	-	-
00420	-	-	-	00864	-	-	01089	01256	-	-	-
00423	-	-	-	00869	-	-	00813	01253	-	-	-
00424	-	-	-	00862	-	-	00916	01255	-	-	-
00437	00037	-	-	-	-	-	00819	01252	-	-	-
00500	-	-	-	00850	-	-	00819	01252	-	00367	-
00720	00420	-	-	-	-	-	01089	01256	-	-	-
00737	00875	-	-	-	-	-	00813	01253	-	-	-
00775	01112	-	-	-	-	-	00921	01257	-	-	-
00813	00875	-	-	-	-	-	-	01253	-	-	-
00819	00500	-	-	00850	-	-	-	01252	-	00367	-
00833	-	00834	00933	01088	00951	00949	-	-	-	-	-
00834	00833	-	00933	01088	00951	00949	-	-	-	-	-
00835	28709	-	00937	01043	00927	00950	-	-	-	-	-
00836	-	00837	00935	01115	01380	01381	-	-	-	-	-
00837	00836	-	00935	01115	01380	01381	-	-	-	-	-
00838	-	-	-	00874	-	-	-	-	-	-	-
00850	00500	-	-	-	-	-	00819	01252	-	-	-
00851	00875	-	-	-	-	-	00813	01253	-	-	-
00852	00870	-	-	-	-	-	00912	01250	-	-	-
00855	01025	-	-	-	-	-	-	01251	-	-	-
00857	01026	-	-	-	-	-	00920	01254	-	-	-
00860	00037	-	-	-	-	-	00819	01252	-	-	-
00861	00871	-	-	-	-	-	00819	01252	-	-	-
00862	00424	-	-	-	-	-	00916	01255	-	-	-
00863	00500	-	-	-	-	-	00819	01252	-	-	-
00864	00420	-	-	-	-	-	01089	01256	-	-	-
00865	00277	-	-	-	-	-	00819	01252	-	-	-
00866	01025	-	-	00866	-	-	-	01251	-	-	-

Input CCSID	1100	1200	1301	2100	2200	2300	4100	4105	4403	5100	5404
00869	00875	-	-	-	-	-	00813	01253	-	-	-
00870	-	-	-	00852	-	-	00912	01250	-	-	-
00871	-	-	-	00861	-	-	00819	01252	-	-	-
00874	00838	-	-	-	-	-	-	-	-	-	-
00875	-	-	-	00869	-	-	00813	01253	-	-	-
00880	-	-	-	00855	-	-	-	-	-	-	-
00891	00833	00834	00933	-	00926	00934	-	-	-	-	-
00897	00290	04396	05026	-	00301	00932	-	-	-	-	-
00903	00836	00837	00935	-	00928	00936	-	-	-	-	-
00904	28709	00835	00937	-	00927	00938	-	-	-	-	-
00905	-	-	-	00857	-	-	00920	-	-	-	-
00912	00870	-	-	00852	-	-	-	01250	-	-	-
00915	01025	-	-	00855	-	-	-	01251	-	-	-
00916	00424	-	-	00862	-	-	-	01255	-	-	-
00920	01026	-	-	00857	-	-	-	01254	-	-	-
00921	01112	-	-	01125	-	-	-	01257	-	-	-
00922	01122	-	-	01125	-	-	-	01251	-	-	-
00923	00924	-	-	00850	-	-	-	01252	-	00367	-
00924	-	-	-	00850	-	-	00923	01252	-	00367	-
00926	00833	00834	00933	01040	-	00944	-	-	-	-	-
00927	28709	00835	00937	01043	-	00950	-	-	-	-	-
00928	00836	00837	00935	01042	-	00946	-	-	-	-	-
00930	00290	00300	-	01041	00301	00942	-	-	-	-	05052
00932	00290	04396	05026	00897	00301	-	-	-	-	-	-
00933	00833	00834	-	01088	00951	00949	-	-	00970	-	17354
00934	00833	00834	00933	00891	00926	-	-	-	-	-	-
00935	00836	00837	-	01115	01380	01381	-	-	-	-	-
00936	00836	00837	00935	00903	00928	-	-	-	-	-	-
00937	28709	00835	-	01043	00927	00950	-	-	00964	-	00965
00938	28709	00835	00937	00904	00927	-	-	-	-	-	-
00939	01027	00300	-	01041	00301	00942	-	-	-	-	05052
00942	00290	04396	05026	01041	00301	-	-	-	-	-	-
00943	00290	04396	05026	00897	00301	-	-	-	-	-	-
00944	00833	00834	00933	01040	00926	-	-	-	-	-	-
00946	00836	00837	00935	01042	00928	-	-	-	-	-	-
00947	-	00835	00937	-	-	-	-	-	-	-	-
00948	28709	00835	00937	01043	00927	-	-	-	-	-	-
00949	00833	00834	00933	01088	00951	-	-	-	00970	-	17354
00950	28709	00835	00937	01114	00947	-	-	-	-	-	-
00951	00833	00834	00933	01088	-	00949	-	-	00970	-	17354
00956	00290	00300	05026	-	-	-	-	-	-	-	-

Input CCSID	1100	1200	1301	2100	2200	2300	4100	4105	4403	5100	5404
00957	00290	00300	05026	-	-	-	-	-	-	-	-
00958	00290	00300	05026	-	-	-	-	-	-	-	-
00959	00290	00300	05026	-	-	-	-	-	-	-	-
00964	00037	00835	00937	-	-	-	-	-	-	-	-
00965	00037	00835	00937	-	-	-	-	-	-	-	-
00970	13121	04930	01364	-	-	-	-	-	-	-	-
01008	00420	-	-	-	-	-	-	-	-	-	-
01009	00500	-	-	-	-	-	-	-	-	-	-
01010	00500	-	-	-	-	-	-	-	-	-	-
01011	00500	-	-	-	-	-	-	-	-	-	-
01012	00500	-	-	-	-	-	-	-	-	-	-
01013	00500	-	-	-	-	-	-	-	-	-	-
01014	00500	-	-	-	-	-	-	-	-	-	-
01015	00500	-	-	-	-	-	-	-	-	-	-
01016	00500	-	-	-	-	-	-	-	-	-	-
01017	00500	-	-	-	-	-	-	-	-	-	-
01018	00500	-	-	-	-	-	-	-	-	-	-
01019	00500	-	-	-	-	-	-	-	-	-	-
01025	-	-	-	00855	-	-	-	01251	-	-	-
01026	-	-	-	00857	-	-	00920	01254	-	-	-
01027	-	04396	05035	01041	00301	00942	-	-	-	-	-
01040	00833	00834	00933	-	00926	00944	-	-	-	-	-
01041	00290	04396	05026	-	00301	00942	-	-	-	-	-
01042	00836	00837	00935	-	00928	00946	-	-	-	-	-
01043	28709	00835	00937	-	00927	00950	-	-	-	-	-
01046	00420	-	-	-	-	-	-	-	-	-	-
01051	00037	-	-	00850	-	-	-	-	-	-	-
01088	00833	00834	00933	-	00951	00949	-	-	00970	-	17354
01089	00420	-	-	-	-	-	-	01256	-	-	-
01097	-	-	-	01098	-	-	-	-	-	-	-
01098	01097	-	-	-	-	-	-	-	-	-	-
01112	-	-	-	-	-	-	-	01257	-	-	-
01114	28709	-	-	-	-	-	-	-	-	-	-
01115	00836	00837	00935	-	01380	01381	-	-	-	-	-
01122	-	-	-	01125	-	-	01124	01257	-	-	-
01123	-	-	-	01125	-	-	01124	01251	-	-	-
01126	13121	04930	01364	-	01362	01363	-	-	00970	-	17354
01129	01130	-	-	-	-	-	-	01258	-	-	-
01130	-	-	-	-	-	-	01129	01258	-	-	-
01132	-	-	-	-	-	-	01133	-	-	-	-
01133	01132	-	-	-	-	-	-	-	-	-	-

Input CCSID	1100	1200	1301	2100	2200	2300	4100	4105	4403	5100	5404
01140	-	-	-	00437	-	-	00923	01252	-	00367	-
01141	-	-	-	00850	-	-	00923	01252	-	00367	-
01142	-	-	-	00865	-	-	00923	01252	-	00367	-
01143	-	-	-	00865	-	-	00923	01252	-	00367	-
01144	-	-	-	00850	-	-	00923	01252	-	00367	-
01145	-	-	-	00850	-	-	00923	01252	-	00367	-
01146	-	-	-	00850	-	-	00923	01252	-	00367	-
01147	-	-	-	00850	-	-	00923	01252	-	00367	-
01148	-	-	-	00850	-	-	00923	01252	-	00367	-
01149	-	-	-	00861	-	-	00923	01252	-	00367	-
01153	-	-	-	00852	-	-	00912	01250	-	-	-
01154	-	-	-	00855	-	-	-	01251	-	-	-
01155	-	-	-	00857	-	-	00920	01254	-	-	-
01156	-	-	-	-	-	-	-	01257	-	-	-
01157	-	-	-	01125	-	-	01124	01257	-	-	-
01158	-	-	-	01125	-	-	01124	01251	-	-	-
01160	-	-	-	00874	-	-	-	-	-	-	-
01164	-	-	-	-	-	-	01129	01258	-	-	-
01250	00870	-	-	00852	-	-	-	-	-	-	-
01251	01025	-	-	00855	-	-	-	-	-	-	-
01252	00500	-	-	00850	-	-	00819	-	-	00367	-
01253	00875	-	-	00869	-	-	-	-	-	-	-
01254	01026	-	-	00857	-	-	-	-	-	-	-
01255	00424	-	-	00862	-	-	-	-	-	-	-
01256	00420	-	-	00864	-	-	-	-	-	-	-
01257	01112	-	-	-	-	-	00921	-	-	-	-
01258	01130	-	-	01258	-	-	01129	-	-	-	-
01275	00037	-	-	00850	-	-	-	-	-	-	-
01280	00875	-	-	00869	-	-	-	-	-	-	-
01281	01026	-	-	00857	-	-	-	-	-	-	-
01282	00870	-	-	00852	-	-	-	-	-	-	-
01283	01025	-	-	00855	-	-	-	-	-	-	-
01362	13121	04930	01364	01126	-	01363	-	-	00970	-	17354
01363	13121	04930	01364	01126	01362	-	-	-	00970	-	17354
01364	13121	04930	-	01126	01362	01363	-	-	00970	-	17354
01380	00836	00837	00935	01115	-	01381	-	-	-	-	-
01381	00836	00837	00935	01115	01380	-	-	-	-	-	-
01386	13124	04933	01388	-	-	-	-	-	-	-	-
01388	13124	04933	-	01114	01385	01386	-	-	-	-	-
01399	05123	16684	-	01041	00301	00942	-	-	05050	-	05052
04396	00290	-	05026	01041	00301	00942	-	-	-	-	-

Input CCSID	1100	1200	1301	2100	2200	2300	4100	4105	4403	5100	5404
04930	13121	-	01364	01126	01362	01363	-	-	-	-	-
04933	13124	-	01388	01114	01385	01386	-	-	-	-	-
04948	00870	-	-	-	-	-	-	-	-	-	-
04951	01025	-	-	-	-	-	-	-	-	-	-
04952	00424	-	-	-	-	-	-	-	-	-	-
04953	01026	-	-	-	-	-	-	-	-	-	-
04960	00420	-	-	-	-	-	-	-	-	-	-
04965	00875	-	-	-	-	-	-	-	-	-	-
05026	00290	04396	-	01041	00301	00942	-	-	05050	-	05052
05035	01027	04396	-	01041	00301	00942	-	-	-	-	05052
05050	00290	00300	05026	01041	00301	00942	-	-	-	-	-
05052	00290	00300	05026	01041	00301	00942	-	-	-	-	-
05053	00290	00300	05026	01041	00301	00942	-	-	-	-	-
00000	-	-	-	-	-	-	-	-	-	-	-
05054	00290	00300	05026	01041	00301	00942	-	-	-	-	-
00000	-	-	-	-	-	-	-	-	-	-	-
05055	00290	00300	05026	01041	00301	00942	-	-	-	-	-
00000	-	-	-	-	-	-	-	-	-	-	-
05123	-	16684	01399	01041	00301	00942	-	-	-	-	-
00000	-	-	-	-	-	-	-	-	-	-	-
09030	-	-	-	09066	-	-	-	-	-	-	-
09066	09030	-	-	-	-	-	-	-	-	-	-
13121	-	04930	01364	01126	01362	01363	-	-	-	-	-
13124	-	04933	01388	01114	01385	01386	-	-	-	-	-
00000	-	-	-	-	-	-	-	-	-	-	-
16684	05123	-	01399	01041	00301	00942	-	-	-	-	-
00000	-	-	-	-	-	-	-	-	-	-	-
17354	00833	00834	00933	-	-	-	-	-	-	-	-
25546	00833	00834	00933	01088	00951	00949	-	-	-	-	-
28709	-	00835	00937	01043	00927	00948	-	-	-	-	-
33722	00290	04366	05026	-	-	-	-	-	-	-	-
57345	00290	00300	05026	-	-	-	-	-	-	-	-

Encoding schemes for the CCSIDs

The following table shows the encoding scheme values (from CDRA) that are used for the CCSIDs.

ESID hex	Interpretation
1100	EBCDIC, single-byte, No code extension is allowed. Number of States = 1.
1200	EBCDIC, double-byte, No code extension is allowed. Number of States = 1.
1300	EBCDIC, mixed-byte, No code extension is allowed Number of States = 1.
1301	EBCDIC, mixed single-byte and double-byte, using shift-in (SI) and shift-out (SO) code extension method Number of States = 2.

ESID hex	Interpretation
2100	IBM-PC Data, single-byte, No code extension is allowed Number of States = 1.
2200	IBM-PC Data, double-byte, No code extension is allowed Number of States = 1.
2300	IBM-PC Data, mixed single-byte and double-byte, with implicit code extension Number of States = 2.
3100	IBM-PC Display, single-byte, No code extension is allowed Number of States = 1.
3200	IBM-PC Display, double-byte, No code extension is allowed Number of States = 1.
3300	IBM-PC Display, mixed single-byte and double-byte, with implicit code extension Number of States = 2.
4100	ISO 8, single-byte, No code extension is allowed Number of States = 1.
4105	ISO 8 (ASCII code), single-byte, Graphics in C1 Note that graphic characters may be present in the area normally reserved for the C1 control codes. (ie X'80' to X'9F') Number of States = 1.
4403	IBM EUC Number of States = 2 to 4
5100	ISO 7 (ASCII code), single-byte, No code extension is allowed Number of States = 1.
5404	ISO 2022 TCP/IP Number of States = 2 to 4.
7200	UCS-2, No code extension is allowed Number of States = 1.
7808	UTF-8, No code extension is allowed Number of States = 3.

Language identifiers and associated default CCSIDs

The following table contains a list of language identifiers and the job default CCSID (DFTCCSID) values associated with those identifiers.



If the QTQ_DEFAULT_CCSID system level environment variable is not defined, then the defaults act as indicated in the table below.

If the QTQ_DEFAULT_CCSID system level environment variable is defined, then it consists of pairs of valid language ID and single byte or mixed byte EBCDIC CCSID values. You can use this environment variable to change to the Euro value. If this value is not properly defined, the system issues an informational message and uses the value in the table below.

See Job default coded character set identifier for more information about the QTQ_DEFAULT_CCSID system level environment variable.



Language identifier	Single-byte CCSID	Mixed-byte CCSID	Language
AFR	00037	None	Afrikaans
ARA	00420	None	Arabic
BEL	01025	None	Byelorussian
BGR	01025	None	Bulgarian
CAT	00284	None	Catalan
CHS	00836	00935	Simplified Chinese
CHT	00037	00937	Traditional Chinese
CSY	00870	None	Czech
DAN	00277	None	Danish
DES	00500	None	Swiss German

Language identifier	Single-byte CCSID	Mixed-byte CCSID	Language
DEU	00273 (» 1141 with Euro «)	None	German
ELL	00875 (» 4971 with Euro «)	None	Greek
ENA	00037	None	Australian English
ENG	00285	None	United Kingdom English
ENP	00037	None	Uppercase English
ENU	00037	None	United States English
ESP	00284 (» 1145 with Euro «)	None	Spanish
FAR	01097	None	Farsi
FIN	00278 (» 1143 with Euro «)	None	Finnish
FRA	00297 (» 1147 with Euro «)	None	French
FRB	00500 (» 1148 with Euro «)	None	Belgian French
FRC	00500	None	Canadian French
FRS	00500	None	Swiss French

Language identifier	Single-byte CCSID	Mixed-byte CCSID	Language
GAE	00285 (>> 1146 with Euro <<)	None	Irish Gaelic
HEB	00424	None	Hebrew
HRV	00870	None	Croatian
HUN	00870	None	Hungarian
ISL	00871 (>> 1149 with Euro <<)	None	Icelandic
ITA	00280 (>> 1144 with Euro <<)	None	Italian
ITS	00500	None	Swiss Italian
JPN	00290	05026	Japanese Katakana The mixed value for DFTCCSID is 05026 when the job CCSID is 65535. In order for the DFTCCSID to be 05035, the job CCSID must be 05035.
KOR	00833	00933	Korean
MKD	01025	None	Macedonian
NLB	00500 (>> 1148 with Euro <<)	None	Belgian Dutch
NLD	00037 (>> 1140 with Euro <<)	None	Dutch
NON	00277	None	Norwegian Nynorsk
NOR	00277	None	Norwegian Bokmal
PLK	00870	None	Polish
PTB	00037	None	Brazilian Portuguese

Language identifier	Single-byte CCSID	Mixed-byte CCSID	Language
PTG	00037 (>> 1140 with Euro <<)	None	Portuguese
ROM	00870	None	Romanian
RUS	01025	None	Russian
SKY	00870	None	Slovakian
SLO	00870	None	Slovenian
SQI	00500	None	Albanian
SRB	01025	None	Serbian Cyrillic
SRL	00870	None	Serbian Latin
SVE	00278	None	Swedish
THA	00838	None	Thai
TRK	01026	None	Turkish

Locale reference information

The following topics provide useful information about locales on OS/400:

- System-supplied locales and recommended CCSIDs
- Mapping of locale symbolic names

System-supplied locales and recommended CCSIDs

The system-supplied locale source definition file members are in the optionally installable library QSYSLOCALE in the QLOCALESRC source file. The source file members are encoded in CCSID 37 and are read-only. The following table shows the locale source file definition members that are shipped with OS/400; the table also provides the recommended CCSID for creating each locale, and how the locale is supplied (as source, object, or both).

The source definition file members themselves cannot be changed. They can be copied and then edited, if needed.

Note: The Japanese 5035 is shipped as an object but uses the same JA_JP source member as the Japanese.



Description	Member	CCSID	How shipped
Albania/Albanian	SQ_AL	500	Both
Algeria/Arabic	AR_DZ	420	Source
Arabic-speaking countries/Arabic	AR_AA	420	Both
Argentina/Spanish	ES_AR	284	Source
Australia/English	EN_AU	37	Source
Austria/German	DE_AT	273	Source
Austria/German euro	DE_AT_E	1141	Source
Bahrain/Arabic	AR_BH	420	Source

Description	Member	CCSID	How shipped
Belgium/Dutch	NL_BE	500	Both
Belgium/Dutch euro	NL_BE_E	1148	Both
Belgium/English	EN_BE	37	Both
Belgium/English euro	EN_BE_E	1148	Source
Belgium/French	FR_BE	500	Both
Belgium/French euro	FR_BE_E	1148	Both
Bolivia/Spanish	ES_BO	284	Source
Brazil/Portugese	PT_BR	37	Both
Bulgaria/Bulgarian	BG_BG	1025	Both
Bulgaria/Bulgarian-Lotus	BG_BG_L	1025	Both
Byelorussia/Byelorussian	BE_BY	1025	Source
Canada/English	EN_CA	37	Source
Canada/French	FR_CA	500	Both
Chile/Spanish	ES_CL	284	Source
China/Simplified Chinese	ZH_CN	1388	Both
China/Simplified Chinese (old)	ZH_CN_GBK	935	Source
China (Hong Kong S.A.R.)/English	EN_HK	37	Source
China (Hong Kong S.A.R.)/Simplified Chinese	ZH_HK_S	1388	Source
China (Hong Kong S.A.R.)/Traditional Chinese	ZH_HK_T	937	Source
Columbia/Spanish	ES_CO	284	Source
Costa Rica/Spanish	ES_CR	284	Source
Croatia/Croatian	HR_HR	870	Both
Czech Republic/Czech	CS_CZ	870	Both
Denmark/Danish	DA_DK	277	Both
Denmark/Danish euro	DA_DK_E	1142	Source
Dominican Republic/Spanish	ES_DO	284	Source
Ecuador/Spanish	ES_EC	284	Source
Egypt/Arabic	AR_EG	420	Source
El Salvador/Spanish	ES_SV	284	Source
Estonia/Estonian	ET_EE	1122	Both
Finland/Finnish	FI_FI	278	Both
Finland/Finnish euro	FI_FI_E	1143	Both
France/French	FR_FR	297	Both
France/French euro	FR_FR_E	1147	Both
Germany/German	DE_DE	273	Both
Germany/German euro	DE_DE_E	1141	Both
Great Britain/English	EN_GB	285	Both
Greece/Greek	EL_GR	875	Both
Greece/Greek euro	EL_GR_E	875	Source
Guatemala/Spanish	ES_GT	284	Source
Honduras/Spanish	ES_HN	284	Source

Description	Member	CCSID	How shipped
Hungary/Hungarian	HU_HU	870	Both
Iceland/Icelandic	IS_IS	871	Both
India/English	EN_IN	37	Source
India/Hindi	HI_IN	1137	Source
India/Tamil	TA_IN	13488	Source
India/Telugu	TE_IN	13488	Source
Indonesia/Indonesian	ID_ID	500	Source
Ireland/English	EN_IE	37	Source
Ireland/English euro	EN_IE_E	1140	Source
Israel/Hebrew	HE_IL	424	Both
Israel/Hebrew	IW_IL	424	Both
Italy/Italian	IT_IT	280	Both
Italy/Italian euro	IT_IT_E	1144	Both
Japan 13488	JA_13488	13488	Both
Japan 5035	JA_5035	5035	Object
Japan/Japanese	JA_JP	5026	Both
Jordan/Arabic	AR_JO	420	Source
Kazakstan/Kazakh	KK_KZ	13488	Source
Kuwait/Arabic	AR_KW	420	Source
Latvia/Latvian	LV_LV	1112	Both
Lebanon/Arabic	AR_LB	420	Source
Lithuania/Lithuanian	LT_LT	1112	Both
Luxembourg/French	FR_LU	297	Source
Luxembourg/French euro	FR_LU_E	1147	Source
Luxembourg/German	DE_LU	273	Source
Luxembourg/German euro	DE_LU_E	1141	Source
Macedonia/Macedonian	MK_MK	1025	Both
Macedonia/Macedonian-Lotus	MK_MK_L	1025	Both
Malaysia/Malaysian	MS_MY	500	Source
Mexico/Spanish	ES_MX	284	Source
Morocco/Arabic	AR_MA	420	Source
Netherlands/Dutch	NL_NL	37	Both
Netherlands/Dutch euro	NL_NL_E	1140	Both
New Zealand/English	EN_NZ	37	Source
Nicaragua/Spanish	ES_NI	284	Source
Norway/Norwegian	NO_NO	277	Both
Norway/Norwegian (Bokmal)	NB_NO	277	Source
Oman/Arabic	AR_OM	420	Source
Panama/Spanish	ES_PA	284	Source
Paraguay/Spanish	ES_PY	284	Source
Peru/Spanish	ES_PE	284	Source

Description	Member	CCSID	How shipped
Philippines/English	EN_PH	37	Source
Poland/Polish	PL_PL	870	Both
Portugal/Portuguese	PT_PT	37	Both
Portugal/Portuguese euro	PT_PT_E	1140	Both
Puerto Rico/Spanish	ES_PR	284	Source
Qatar/Arabic	AR_QA	420	Source
Romania/Romanian	RO_RO	870	Both
Russia/Russian	RU_RU	1025	Both
Saudi Arabia/Arabic	AR_SA	420	Source
Serbia/Serbian, Cyrillic	SR_SP	1025	Both
Serbia/Serbian, Cyrillic-Lotus	SR_SP_L	1025	Both
Serbia/Serbian, Latin	SH_SP	870	Both
Singapore/English	EN_SG	37	Source
Singapore/Simplified Chinese	ZH_SG	1388	Source
Slovak/Slovakian	SK_SK	870	Both
Slovene/Slovenian	SL_SI	870	Both
South Africa/English	EN_ZA	37	Source
South Korea/Korean	KO_KR	933	Both
Spain/Catalan	CA_ES	284	Source
Spain/Catalan euro	CA_ES_E	1145	Source
Spain/Spanish	ES_ES	284	Both
Spain/Spanish euro	ES_ES_E	1145	Both
Sweden/Swedish	SV_SE	278	Both
Sweden/Swedish euro	SV_SE_E	1143	Source
Switzerland/French	FR_CH	500	Both
Switzerland/French-Lotus	FR_CH_L	500	Both
Switzerland/German	DE_CH	500	Both
Switzerland/German-Lotus	DE_CH_L	500	Both
Switzerland/Italian	IT_CH	500	Source
Syria/Arabic	AR_SY	420	Source
Taiwan/Mandarin, Traditional Chinese	ZH_TW	937	Both
Thailand/Thai	TH_TH	838	Both
Tunisia/Arabic	AR_TN	420	Source
Turkey/Turkish	TR_TR	1026	Both
Turkey/Turkish, English	TR_TR2	1026	Source
Ukraine/Ukrainian	UK_UA	1025	Both
United Arab Emirates/Arabic	AR_AE	420	Source
United Kingdom/English euro	EN_GB_E	1146	Source
United States/Spanish	ES_US	284	Source
Uruguay/Spanish	ES_UY	284	Source
USA/English	EN_US	37	Both

Description	Member	CCSID	How shipped
USA/English,Upper Case	EN_UPPER	37	Both
Venezuela/Spanish	ES_VE	284	Source
Vietnam/Vietnamese	VI_VN	1129	Source
Yemen/Arabic	AR_YE	420	Source
Yugoslavia/Serbian, Latin	SH_YU	870	Source
Yugoslavia/Serbian, Cyrillic	SR_YU	1025	Source



Mapping of locale symbolic names

The following table shows:

- Some of the common locale symbolic names used by OS/400 and the UCS-2 code points they represent.
- When appropriate, a comparison of code points between UCS-2 code page and various IBM code pages
- The IBM graphic character global identifier (GCGID)
- An illustration of the GCGID



This table shows code points up through x'00FF'. The locale compiler understands most of the names defined by the Unicode organization. See the Unicode



Web site (<http://www.unicode.org>) for an extended listing.



Symbolic name	Unicode (ISO 10646) code point (hexadecimal)	Description	IBM code page and code point (xxx/xx)	IBM GCGID	GCGID illustration
<NUL>	0000	NULL (NUL)	037/00		
<SOH>	0001	START OF HEADING (SOH)	037/01		
<STX>	0002	START OF TEXT (STX)	037/02		
<ETX>	0003	END OF TEXT (ETX)	037/03		
<EOT>	0004	END OF TRANSMISSION (EOT)	037/37		
<ENQ>	0005	ENQUIRY (ENQ)	037/2D		
<ACK>	0006	ACKNOWLEDGE (ACK)	037/2E		
<alert>	0007	BELL	037/2F		
<BEL>	0007	BELL (BEL)	037/2F		

Symbolic name	Unicode (ISO 10646) code point (hexadecimal)	Description	IBM code page and code point (xxx/xx)	IBM GCGID	GCGID illustration
<BS>	0008	BACKSPACE (BS)	037/16		
<backspace>	0008	BACKSPACE	037/16		
<tab>	0009	CHARACTER TABULATION	037/05		
<HT>	0009	CHARACTER TABULATION (HT)	037/05		
<newline>	000A	LINE FEED	037/25		
<LF>	000A	LINE FEED (LF)	037/25		
<vertical-tab>	000B	LINE TABULATION	037/0B		
<VT>	000B	LINE TABULATION (VT)	037/0B		
<FF>	000C	FORM FEED (FF)	037/0C		
<form-feed>	000C	FORM FEED	037/0C		
<carriage-return>	000D	CARRIAGE RETURN	037/0D		
<SO>	000E	SHIFT OUT	037/0E		
<SI>	000F	SHIFT IN	037/0F		
<DLE>	0010	DATALINK ESCAPE (DLE)	037/10		
<DC1>	0011	DEVICE CONTROL ONE (DC1)	037/11		
<DC2>	0012	DEVICE CONTROL TWO (DC2)	037/12		
<DC3>	0013	DEVICE CONTROL THREE (DC3)	037/13		
<DC4>	0014	DEVICE CONTROL FOUR (DC4)	037/3C		
<NAK>	0015	NEGATIVE ACKNOWLEDGE (NAK)	037/3D		
<SYN>	0016	SYNCHRONOUS IDLE (SYN)	037/32		
<ETB>	0017	END OF TRANSMISSION BLOCK (ETB)	037/26		
<CAN>	0018	CANCEL (CAN)	037/18		
	0019	END OF MEDIA	037/19		

Symbolic name	Unicode (ISO 10646) code point (hexadecimal)	Description	IBM code page and code point (xxx/xx)	IBM GCGID	GCGID illustration
<SUB>	001A	SUBSTITUTE (SUB)	037/3F		
<ESC>	001B	ESCAPE (ESC)	037/27		
<IS4>	001C	FILE SEPARATOR (IS4)	037/1C		
<FS>	001C	FILE SEPARATOR (IS4)	037/1C		
<IS3>	001D	GROUP SEPARATOR (IS3)	037/1D		
<GS>	001D	GROUP SEPARATOR (IS3)	037/1D		
<IS2>	001E	RECORD SEPARATOR (IS2)	037/1E		
<RS>	001E	RECORD SEPARATOR (IS2)	037/1E		
<IS1>	001F	UNIT SEPARATOR (IS1)	037/1F		
<US>	001F	UNIT SEPARATOR (IS1)	037/1F		
	007F	DELETE (DEL)	037/07		
<space>	0020	SPACE	037/40	SP010000	(SP)
<exclamation-mark>	0021	EXCLAMATION MARK	500/4F	SP020000	!
<quotation-mark>	0022	QUOTATION MARK	500/7F	SP040000	"
<number-sign>	0023	NUMBER SIGN	500/7B	SM010000	#
<dollar-sign>	0024	DOLLAR SIGN	500/5B	SC030000	\$
<percent-sign>	0025	PERCENT SIGN	500/6C	SM020000	%
<ampersand>	0026	AMPERSAND	500/50	SM030000	&
<apostrophe>	0027	APOSTROPHE	500/7D	SP050000	'
<left-parenthesis>	0028	LEFT PARENTHESIS	500/4D	SP060000	(

Symbolic name	Unicode (ISO 10646) code point (hexadecimal)	Description	IBM code page and code point (xxx/xx)	IBM GCGID	GCGID illustration
<right-parenthesis>	0029	RIGHT PARENTHESIS	500/5D	SP070000)
<asterisk>	002A	ASTERISK	500/5C	SM040000	*
<plus-sign>	002B	PLUS SIGN	500/4E	SA010000	+
<comma>	002C	COMMA	500/6B	SP080000	,
<hyphen>	002D	HYPHEN	500/60	SP100000	-
<hyphen-minus>	002D	HYPHEN-MINUS	500/60	SP100000	-
<period>	002E	PERIOD	500/4B	SP110000	.
<full-stop>	002E	FULL STOP	500/4B	SP110000	.
<slash>	002F	SLASH	500/61	SP120000	/
<solidus>	002F	SOLIDUS	500/61	SP120000	/
<zero>	0030	DIGIT ZERO	500/F0	ND100000	0
<one>	0031	DIGIT ONE	500/F1	ND010000	1
<two>	0032	DIGIT TWO	500/F2	ND020000	2
<three>	0033	DIGIT THREE	500/F3	ND030000	3
<four>	0034	DIGIT FOUR	500/F4	ND040000	4
<five>	0035	DIGIT FIVE	500/F5	ND050000	5
<six>	0036	DIGIT SIX	500/F6	ND060000	6
<seven>	0037	DIGIT SEVEN	500/F7	ND070000	7
<eight>	0038	DIGIT EIGHT	500/F8	ND080000	8
<nine>	0039	DIGIT NINE	500/F9	ND090000	9
<colon>	003A	COLON	500/7A	SP130000	:
<semicolon>	003B	SEMICOLON	500/5E	SP140000	;
<less-than-sign>	003C	LESS-THAN SIGN	500/4C	SA030000	<

Symbolic name	Unicode (ISO 10646) code point (hexadecimal)	Description	IBM code page and code point (xxx/xx)	IBM GCGID	GCGID illustration
<equals-sign>	003D	EQUALS SIGN	500/7E	SA040000	=
<greater-than-sign>	003E	GREATER-THAN SIGN	500/6E	SA050000	>
<question-mark>	003F	QUESTION MARK	500/6F	SP150000	?
<commercial-at>	0040	COMMERCIAL AT	500/7C	SM050000	@
<A>	0041	LATIN CAPITAL LETTER A	500/C1	LA020000	A
	0042	LATIN CAPITAL LETTER B	500/C2	LB020000	B
<C>	0043	LATIN CAPITAL LETTER C	500/C3	LC020000	C
<D>	0044	LATIN CAPITAL LETTER D	500/C4	LD020000	D
<E>	0045	LATIN CAPITAL LETTER E	500/C5	LE020000	E
<F>	0046	LATIN CAPITAL LETTER F	500/C6	LF020000	F
<G>	0047	LATIN CAPITAL LETTER G	500/C7	LG020000	G
<H>	0048	LATIN CAPITAL LETTER H	500/C8	LH020000	H
<I>	0049	LATIN CAPITAL LETTER I	500/C9	LI020000	I
<J>	004A	LATIN CAPITAL LETTER J	500/D1	LJ020000	J
<K>	004B	LATIN CAPITAL LETTER K	500/D2	LK020000	K
<L>	004C	LATIN CAPITAL LETTER L	500/D3	LL020000	L
<M>	004D	LATIN CAPITAL LETTER M	500/D4	LM020000	M
<N>	004E	LATIN CAPITAL LETTER N	500/D5	LN020000	N
<O>	004F	LATIN CAPITAL LETTER O	500/D6	LO020000	O
	0050	LATIN CAPITAL LETTER P	500/D7	LP020000	P
<Q>	0051	LATIN CAPITAL LETTER Q	500/D8	LQ020000	Q
<R>	0052	LATIN CAPITAL LETTER R	500/D9	LR020000	R
<S>	0053	LATIN CAPITAL LETTER S	500/E2	LS020000	S

Symbolic name	Unicode (ISO 10646) code point (hexadecimal)	Description	IBM code page and code point (xxx/xx)	IBM GCGID	GCGID illustration
<T>	0054	LATIN CAPITAL LETTER T	500/E3	LT020000	T
<U>	0055	LATIN CAPITAL LETTER U	500/E4	LU020000	U
<V>	0056	LATIN CAPITAL LETTER V	500/E5	LV020000	V
<W>	0057	LATIN CAPITAL LETTER W	500/E6	LW020000	W
<X>	0058	LATIN CAPITAL LETTER X	500/E7	LX020000	X
<Y>	0059	LATIN CAPITAL LETTER Y	500/E8	LY020000	Y
<Z>	005A	LATIN CAPITAL LETTER Z	500/E9	LZ020000	Z
<left-square-bracket>	005B	LEFT SQUARE BRACKET	500/4A	SM060000	[
<backslash>	005C	BACKSLASH	500/E0	SM070000	\
<reverse-solidus>	005C	REVERSE SOLIDUS	500/E0	SM070000	\
<right-square-bracket>	005D	RIGHT SQUARE BRACKET	500/5A	SM080000]
<circumflex>	005E	CIRCUMFLEX	500/5F	SD150000	^
<circumflex-accent>	005E	CIRCUMFLEX ACCENT	500/5F	SD150000	^
<underscore>	005F	UNDERScore	500/6D	SP090000	_
<underline>	005F	UNDERLINE	500/6D	SP090000	_
<low-line>	005F	LOW LINE	500/6D	SP090000	_
<grave-accent>	0060	GRAVE ACCENT	500/79	SD130000	`
<a>	0061	LATIN SMALL LETTER A	500/81	LA010000	a
	0062	LATIN SMALL LETTER B	500/82	LB010000	b
<c>	0063	LATIN SMALL LETTER C	500/83	LC010000	c
<d>	0064	LATIN SMALL LETTER D	500/84	LD010000	d
<e>	0065	LATIN SMALL LETTER E	500/85	LE010000	e
<f>	0066	LATIN SMALL LETTER F	500/86	LF010000	f

Symbolic name	Unicode (ISO 10646) code point (hexadecimal)	Description	IBM code page and code point (xxx/xx)	IBM GCGID	GCGID illustration
<g>	0067	LATIN SMALL LETTER G	500/87	LG010000	g
<h>	0068	LATIN SMALL LETTER H	500/88	LH010000	h
<i>	0069	LATIN SMALL LETTER I	500/89	LI010000	i
<j>	006A	LATIN SMALL LETTER J	500/91	LJ010000	j
<k>	006B	LATIN SMALL LETTER K	500/92	LK010000	k
<l>	006C	LATIN SMALL LETTER L	500/93	LL010000	l
<m>	006D	LATIN SMALL LETTER M	500/94	LM010000	m
<n>	006E	LATIN SMALL LETTER N	500/95	LN010000	n
<o>	006F	LATIN SMALL LETTER O	500/96	LO010000	o
	0070	LATIN SMALL LETTER P	500/97	LP010000	p
<q>	0071	LATIN SMALL LETTER Q	500/98	LQ010000	q
<r>	0072	LATIN SMALL LETTER R	500/99	LR010000	r
<s>	0073	LATIN SMALL LETTER S	500/A2	LS010000	s
<t>	0074	LATIN SMALL LETTER T	500/A3	LT010000	t
<u>	0075	LATIN SMALL LETTER U	500/A4	LU010000	u
<v>	0076	LATIN SMALL LETTER V	500/A5	LV010000	v
<w>	0077	LATIN SMALL LETTER W	500/A6	LW010000	w
<x>	0078	LATIN SMALL LETTER X	500/A7	LX010000	x
<y>	0079	LATIN SMALL LETTER Y	500/A8	LY010000	y
<z>	007A	LATIN SMALL LETTER Z	500/A9	LZ010000	z
<left-brace>	007B	LEFT BRACE	500/C0	SM110000	{
<left-curly-bracket>	007B	LEFT CURLY BRACKET	500/C0	SM110000	{
<vertical-line>	007C	VERTICAL LINE	500/BB	SM130000	|

Symbolic name	Unicode (ISO 10646) code point (hexadecimal)	Description	IBM code page and code point (xxx/xx)	IBM GCGID	GCGID illustration
<right-brace>	007D	RIGHT BRACE	500/D0	SM140000	}
<right-curly-bracket>	007D	RIGHT CURLY BRACKET	500/D0	SM140000	}
<tilde>	007E	TILDE	500/A1	SD190000	~
<BPH>	0082	BREAK PERMITTED HERE	037/22		
<NBH>	0083	NO BREAK HERE	037/23		
<IND>	0084	INDEX	037/24		
<NEL>	0085	NEXT LINE	037/15		
<SSA>	0086	START OF SELECTED AREA	037/06		
<ESA>	0087	END OF SELECTED AREA	037/17		
<HTS>	0088	CHARACTER TABULATION SET	037/28		
<HTJ>	0089	CHARACTER TABULATION WITH JUSTIFICATION	037/29		
<VTS>	008A	LINE TABULATION SET	037/2A		
<PLD>	008B	PARTIAL LINE DOWN	037/2B		
<PLU>	008C	PARTIAL LINE UP	037/2C		
<RI>	008D	REVERSE INDEX	037/09		
<SS2>	008E	SINGLE SHIFT TWO	037/0A		
<SS3>	008F	SINGLE SHIFT THREE	037/1B		
<DCS>	0090	DEVICE CONTROL STRING	037/30		
<PU1>	0091	PRIVATE USE ONE	037/31		
<PU2>	0092	PRIVATE USE TWO	037/1A		
<STS>	0093	SET TRANSMIT STATE	037/33		

Symbolic name	Unicode (ISO 10646) code point (hexadecimal)	Description	IBM code page and code point (xxx/xx)	IBM GCGID	GCGID illustration
<CCH>	0094	CANCEL CHARACTER	037/34		
<MW>	0095	MESSAGE WAITING	037/35		
<SPS>	0096	START OF GUARDED AREA	037/36		
<EPA>	0097	END OF GUARDED AREA	037/08		
<SOS>	0098	START OF STRING	037/38		
<SCI>	009A	SINGLE CHARACTER INTRODUCER	037/39		
<CSI>	009B	CONTROL SEQUENCE INTRODUCER	037/3B		
<ST>	009C	STRING TERMINATOR	037/04		
<OSC>	009D	OPERATING SYSTEM COMMAND	037/14		
<PM>	009E	PRIVACY MESSAGE	037/3E		
<APC>	009F	APPLICATION PROGRAM COMMAND	037/FF		
<nobreakspace>	00A0	NO-BREAK SPACE	500/41	SP300000	(RSP)
<exclamation-down>	00A1	INVERTED EXCLAMATION MARK	500/AA	SP030000	¡
<cent>	00A2	CENT SIGN	500/B0	SC040000	¢
<sterling>	00A3	POUND SIGN	500/B1	SC020000	£
<currency>	00A4	CURRENCY SIGN	500/9F	SC010000	¤
<yen>	00A5	YEN SIGN	500/B2	SC050000	¥
<yen-sign>	00A5	YEN SIGN	850/BE	SC050000	¥
<broken-bar>	00A6	BROKEN VERTICAL BAR	500/6A	SM650000	|
<section>	00A7	SECTION SIGN	500/B5	SM240000	§
<diaeresis>	00A8	SPACING DIAERESIS	500/8D	SD170000	¨

Symbolic name	Unicode (ISO 10646) code point (hexadecimal)	Description	IBM code page and code point (xxx/xx)	IBM GCGID	GCGID illustration
<copyright>	00A9	COPYRIGHT SIGN	500/B4	SM520000	©
<feminine>	00AA	FEMININE ORDINAL INDICATOR	500/9A	SM210000	ª
<guillemot-left>	00AB	LEFT-POINTING DOUBLE ANGLE QUOTATION MARK	500/8A	SP170000	«
<not>	00AC	NOT SIGN	500/BA	SM660000	¬
<dash>	00AD	SOFT HYPHEN	500/CA	SP320000	– (SHY)
<registered>	00AE	REGISTERED TRADE MARK SIGN	500/AF	SM530000	®
<macron>	00AF	SPACING MACRON	500/BC	SM150000	—
<degree>	00B0	DEGREE SIGN	500/90	SM190000	°
<plus-minus>	00B1	PLUS-OR-MINUS SIGN	500/8F	SA020000	±
<two-superior>	00B2	SUPERSCRIPIT DIGIT TWO	500/EA	ND021000	²
<three-superior>	00B3	SUPERSCRIPIT DIGIT THREE	500/FA	ND031000	³
<acute>	00B4	SPACING ACUTE	500/BE	SD110000	´
<mu>	00B5	MICRO SIGN	500/A0	SM170000	μ
<paragraph>	00B6	PARAGRAPH (PILCROW) SIGN	500/B6	SM250000	¶
<dot>	00B7	MIDDLE DOT	500/B3	SD630000	·
<cedilla>	00B8	SPACING CEDILLA	500/9D	SD410000	¸
<one-superior>	00B9	SUPERSCRIPIT DIGIT ONE	500/DA	ND011000	¹
<masculine>	00BA	MASCULINE ORDINAL INDICATOR	500/9B	SM200000	♂
<guillemot-right>	00BB	RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK	500/8B	SP180000	»
<one-quarter>	00BC	FRACTION ONE QUARTER	500/B7	NF040000	¼

Symbolic name	Unicode (ISO 10646) code point (hexadecimal)	Description	IBM code page and code point (xxx/xx)	IBM GCGID	GCGID illustration
<one-half>	00BD	FRACTION ONE HALF	500/B8	NF010000	½
<three-quarters>	00BE	FRACTION THREE QUARTERS	500/B9	NF050000	¾
<question-down>	00BF	INVERTED QUESTION MARK	500/AB	SP160000	¿
<A-grave>	00C0	LATIN CAPITAL LETTER A GRAVE	500/64	LA140000	À
<A-acute>	00C1	LATIN CAPITAL LETTER A ACUTE	500/65	LA120000	Á
<A-circumflex>	00C2	LATIN CAPITAL LETTER A CIRCUMFLEX	500/62	LA160000	Â
<A-tilde>	00C3	LATIN CAPITAL LETTER A TILDE	500/66	LA200000	Ã
<A-diaeresis>	00C4	LATIN CAPITAL LETTER A DIAERESIS	500/63	LA180000	Ä
<A-ring>	00C5	LATIN CAPITAL LETTER A RING ABOVE	500/67	LA280000	Å
<AE>	00C6	LATIN CAPITAL LIGATURE AE	500/9E	LA520000	Æ
<C-cedilla>	00C7	LATIN CAPITAL LETTER C CEDILLA	500/68	LC420000	Ç
<E-grave>	00C8	LATIN CAPITAL LETTER E GRAVE	500/74	LE140000	È
<E-acute>	00C9	LATIN CAPITAL LETTER E ACUTE	500/71	LE120000	É
<E-circumflex>	00CA	LATIN CAPITAL LETTER E CIRCUMFLEX	500/72	LE160000	Ê
<E-diaeresis>	00CB	LATIN CAPITAL LETTER E DIAERESIS	500/73	LE180000	Ë
<I-grave>	00CC	LATIN CAPITAL LETTER I GRAVE	500/78	LI140000	Ì
<I-acute>	00CD	LATIN CAPITAL LETTER I ACUTE	500/75	LI120000	Í

Symbolic name	Unicode (ISO 10646) code point (hexadecimal)	Description	IBM code page and code point (xxx/xx)	IBM GCGID	GCGID illustration
<l-circumflex>	00CE	LATIN CAPITAL LETTER I CIRCUMFLEX	500/76	LI160000	Î
<l-diaeresis>	00CF	LATIN CAPITAL LETTER I DIAERESIS	500/77	LI180000	Ï
<Eth>	00D0	LATIN CAPITAL LETTER ETH (Icelandic)	500/AC	LD620000	Ð
<N-tilde>	00D1	LATIN CAPITAL LETTER N TILDE	500/69	LN200000	Ñ
<O-grave>	00D2	LATIN CAPITAL LETTER O GRAVE	500/ED	LO140000	Ò
<O-acute>	00D3	LATIN CAPITAL LETTER O ACUTE	500/EE	LO120000	Ó
<O-circumflex>	00D4	LATIN CAPITAL LETTER O CIRCUMFLEX	500/EB	LO160000	Ô
<O-tilde>	00D5	LATIN CAPITAL LETTER O TILDE	500/EF	LO200000	Õ
<O-diaeresis>	00D6	LATIN CAPITAL LETTER O DIAERESIS	500/EC	LO180000	Ö
<multiply>	00D7	MULTIPLICATION SIGN	500/BF	SA070000	×
<O-slash>	00D8	LATIN CAPITAL LETTER O STROKE	500/80	LO620000	Ø
<U-grave>	00D9	LATIN CAPITAL LETTER U GRAVE	500/FD	LU140000	Ù
<U-acute>	00DA	LATIN CAPITAL LETTER U ACUTE	500/FE	LU120000	Ú
<U-circumflex>	00DB	LATIN CAPITAL LETTER U CIRCUMFLEX	500/FB	LU160000	Û
<U-diaeresis>	00DC	LATIN CAPITAL LETTER U DIAERESIS	500/FC	LU180000	Ü
<Y-acute>	00DD	LATIN CAPITAL LETTER Y ACUTE	500/AD	LY120000	Ý
<Thorn>	00DE	LATIN CAPITAL LETTER THORN (Icelandic)	500/AE	LT640000	Þ

Symbolic name	Unicode (ISO 10646) code point (hexadecimal)	Description	IBM code page and code point (xxx/xx)	IBM GCGID	GCGID illustration
<s-sharp>	00DF	LATIN SMALL LETTER SHARP S (German)	500/59	LS610000	ß
<a-grave>	00E0	LATIN SMALL LETTER A GRAVE	500/44	LA130000	à
<a-acute>	00E1	LATIN SMALL LETTER A ACUTE	500/45	LA110000	á
<a-circumflex>	00E2	LATIN SMALL LETTER A CIRCUMFLEX	500/42	LA150000	â
<a-tilde>	00E3	LATIN SMALL LETTER A TILDE	500/46	LA190000	ã
<a-diaresis>	00E4	LATIN SMALL LETTER A DIAERESIS	500/43	LA170000	ä
<a-ring>	00E5	LATIN SMALL LETTER A RING ABOVE	500/47	LA270000	å
<ae>	00E6	LATIN SMALL LIGATURE AE	500/9C	LA510000	æ
<c-cedilla>	00E7	LATIN SMALL LETTER C CEDILLA	500/48	LC410000	ç
<e-grave>	00E8	LATIN SMALL LETTER E GRAVE	500/54	LE130000	è
<e-acute>	00E9	LATIN SMALL LETTER E ACUTE	500/51	LE110000	é
<e-circumflex>	00EA	LATIN SMALL LETTER E CIRCUMFLEX	500/52	LE150000	ê
<e-diaresis>	00EB	LATIN SMALL LETTER E DIAERESIS	500/53	LE170000	ë
<i-grave>	00EC	LATIN SMALL LETTER I GRAVE	500/58	LI130000	ì
<i-acute>	00ED	LATIN SMALL LETTER I ACUTE	500/55	LI110000	í
<i-circumflex>	00EE	LATIN SMALL LETTER I CIRCUMFLEX	500/56	LI150000	î
<i-diaresis>	00EF	LATIN SMALL LETTER I DIAERESIS	500/57	LI170000	ï

Symbolic name	Unicode (ISO 10646) code point (hexadecimal)	Description	IBM code page and code point (xxx/xx)	IBM GCGID	GCGID illustration
<eth>	00F0	LATIN SMALL LETTER ETH (Icelandic)	500/8C	LD630000	ð
<n-tilde>	00F1	LATIN SMALL LETTER N TILDE	500/49	LN190000	ñ
<o-grave>	00F2	LATIN SMALL LETTER O GRAVE	500/CD	LO130000	ò
<o-acute>	00F3	LATIN SMALL LETTER O ACUTE	500/CE	LO110000	ó
<o-circumflex>	00F4	LATIN SMALL LETTER O CIRCUMFLEX	500/CB	LO150000	ô
<o-tilde>	00F5	LATIN SMALL LETTER O TILDE	500/CF	LO190000	õ
<o-diaeresis>	00F6	LATIN SMALL LETTER O DIAERESIS	500/CC	LO170000	ö
<divide>	00F7	DIVISION SIGN	500/E1	SA060000	÷
<division>	00F7	DIVISION SIGN	500/E1	SA060000	÷
<o-slash>	00F8	LATIN SMALL LETTER O STROKE	500/70	LO610000	ø
<u-grave>	00F9	LATIN SMALL LETTER U GRAVE	500/DD	LU130000	ù
<u-acute>	00FA	LATIN SMALL LETTER U ACUTE	500/DE	LU110000	ú
<u-circumflex>	00FB	LATIN SMALL LETTER U CIRCUMFLEX	500/DB	LU150000	û
<u-diaeresis>	00FC	LATIN SMALL LETTER U DIAERESIS	500/DC	LU170000	ü
<y-acute>	00FD	LATIN SMALL LETTER Y ACUTE	500/8D	LY110000	ý
<thorn>	00FE	LATIN SMALL LETTER THORN (Icelandic)	500/8E	LT630000	þ
<y-diaeresis>	00FF	LATIN SMALL LETTER Y DIAERESIS	500/DF	LY170000	ÿ

REXX extension characters

The following tables show the REXX extension characters that are supported on OS/400.

- Axxxxxxx GCGIDs
- Bxxxxxxx GCGIDs
- Gxxxxxxx GCGIDs
- Hxxxxxxx GCGIDs
- Jxxxxxxx GCGIDs
- Kxxxxxxx GCGIDs
- Lxxxxxxx GCGIDs
- Nxxxxxxx GCGIDs
- OxxxxxxxGCGIDs
- Sxxxxxxx GCGIDs

REXX/400 extension characters: Axxxxxxx GCGIDs

GCGID	Description	Token Type	Token Flag
AA010000	Aleph (A/F/U) - Isolated	NAME	
AA010002	Aleph (A/F/U) - Final	NAME	
AA010006	Aleph (after Lam) (A/F/U) - Final	NAME	
AA020000	Aleph Maksura (A) - Isolated	NAME	
AA020002	Aleph Maksura (A) - Final	NAME	
AA070009	Fathatan (A) - Intrinsic	NAME	
AA210000	Aleph Madda (A), Aleph Maddey (F), Aleph Madd (U) - Isolated	NAME	
AA210002	Aleph Madda (A), Aleph Maddey (F) - Final	NAME	
AA210006	Aleph Madda (after Lam) (A), Aleph Maddey (after Lam) (F) - Final	NAME	
AA310000	Aleph Hamza (A), Aleph Hamzey (F) - Isolated	NAME	
AA310002	Aleph Hamza (A), Aleph Hamzey (F) - Final	NAME	
AA310006	Aleph Hamza (after Lam) (A), Aleph Hamzey (after Lam) (F) - Final	NAME	
AB010000	Beh (A/F/U) - Isolated-Final	NAME	
AB010003	Beh (A/F/U) - Initial-Middle	NAME	
AC210000	Tcheh (F/U) - Isolated-Final	NAME	
AC210003	Tcheh (F/U) - Initial-Middle	NAME	
AC470000	Ayn (A/F/U) - Isolated	NAME	
AC470002	Ayn (A/F/U) - Final	NAME	
AC470003	Ayn (A/F/U) - Initial	NAME	
AC470004	Ayn (A/F/U) - Middle	NAME	
AD010000	Dal (A/F/U) - Isolated-Final	NAME	
AD450000	Dud (1st part) (A) - Isolated-Final	NAME	
AD450003	Dud (A), Zad (F), Duad (U) - Initial-Middle	NAME	
AD450006	Dud (A), Zad (F), Duad (U) - Isolated-Final	NAME	
AD470000	Thal (A), Zal (F/U) - Isolated-Final	NAME	
AF010000	Feh (A/F/U) - Isolated-Final	NAME	
AF010003	Feh (A/F/U) - Initial-Middle	NAME	
AG010000	Gaf (F/U) - Isolated-Final	NAME	

GCGID	Description	Token Type	Token Flag
AG010003	Gaf (F/U) - Initial-Middle	NAME	
AG230000	Jeem (A/F/U) - Isolated-Final	NAME	
AG230003	Jeem (A/F/U) - Initial-Middle	NAME	
AG310000	Ghayn (A/F/U) - Isolated	NAME	
AG310002	Ghayn (A/F/U) - Final	NAME	
AG310003	Ghayn (A/F/U) - Initial	NAME	
AG310004	Ghayn (A/F/U) - Middle	NAME	
AH010000	Heh (A/F) - Isolated-Final	NAME	
AH010003	Heh (A/F) - Initial	NAME	
AH010004	Heh (A/F) - Middle	NAME	
AH210000	Heh Yey (F) - Isolated-Final	NAME	
AH450000	Hah (A), Hey (F), Heh (U) - Isolated-Final	NAME	
AH450003	Hah (A), Hey (F), Heh (U) - Initial-Middle	NAME	
AH470000	Khah (A), Khey (F), Kheh (U) - Isolated-Final	NAME	
AH470003	Khah (A), Khey (F), Kheh (U) - Initial-Middle	NAME	
AK010000	Caf (A) - Isolated-Final	NAME	
AK010003	Caf (A/F/U) - Initial-Middle	NAME	
AK010006	Caf (F/U) - Isolated-Final	NAME	
AL010000	Lam (A/F/U) - Isolated-Final	NAME	
AL010003	Lam (A/F) - Initial-Middle	NAME	
AL020000	Lamaleph (A/F) - Isolated	NAME	
AL020003	Lamaleph (A/F) - Final	NAME	
AL220000	Lamaleph Madda (A), Lamaleph Maddey (F) - Isolated	NAME	
AL220003	Lamaleph Madda (A), Lamaleph Maddey (F) - Final	NAME	
AL320000	Lamaleph Hamza (A), Lamaleph Hamzey (F) - Isolated	NAME	
AL320003	Lamaleph Hamza (A), Lamaleph Hamzey (F) - Final	NAME	
AM010000	Meem (A/F/U) - Isolated-Final	NAME	
AM010003	Meem (A/F/U) - Initial-Middle	NAME	
AN010000	Noon (A/F/U) - Isolated-Final	NAME	
AN010003	Noon (A/F/U) - Initial-Middle	NAME	
AP010000	Peh (F/U) - Isolated-Final	NAME	
AP010003	Peh (F/U) - Initial-Middle	NAME	
AQ010000	Qaf (A/F/U) - Isolated-Final	NAME	
AQ010003	Qaf (A/F/U) - Initial-Middle	NAME	
AR010000	Reh (A/F/U) - Isolated-Final	NAME	
AS010000	Seen (1st part) (A) - Isolated-Final	NAME	
AS010003	Seen (A/F/U) - Initial-Middle	NAME	
AS010006	Seen (A/F/U) - Isolated-Final	NAME	
AS230000	Sheen (1st part) (A) - Isolated-Final	NAME	
AS230003	Sheen (A/F/U) - Initial-Middle	NAME	
AS230006	Sheen (A/F/U) - Isolated-Final	NAME	

GCGID	Description	Token Type	Token Flag
AS450000	Sad (1st part) (A) - Isolated-Final	NAME	
AS450003	Sad (A/F), Suad (U) - Initial-Middle	NAME	
AS450006	Sad (A/F), Suad (U) - Isolated-Final	NAME	
AT010000	Teh (A/F/U) - Isolated-Final	NAME	
AT010003	Teh (A/F/U) - Initial-Middle	NAME	
AT020000	Teh Marbuta (A), Teh Mudawara (U) - Isolated-Final	NAME	
AT450000	Tah (A/F), Toey (U) - Isolated-Final-Initial-Middle	NAME	
AT450001	Tah (A/F), Toey (U) - Isolated-Final	NAME	
AT450002	Tah (A/F), Toey (U) - Initial-Middle	NAME	
AT470000	Theh (A/F/U) - Isolated-Final	NAME	
AT470003	Theh (A/F/U) - Initial-Middle	NAME	
AW010000	Waw (A), Vav (F), Waow (U) - Isolated-Final	NAME	
AW310000	Waw Hamza (A), Vav Hamzey (F), Waow Hamza (U) - Isolated-Final	NAME	
AX100000	Shadda (A/F), Shadd (U) - Isolated	NAME	
AX100004	Shadda (A/F), Shadd (U) - Middle	NAME	
AX300000	Hamza (A), Hamzey (F), Hamza (U) - Isolated	NAME	
AY010000	Yeh (A) - Isolated	NAME	
AY010002	Yeh (A) - Final	NAME	
AY010003	Yeh (A) - Initial-Middle	NAME	
AY020000	Yey (F), Yeh Chotee (U) - Isolated	NAME	
AY020002	Yey (F), Yeh Chotee (U) - Final	NAME	
AY020003	Yey (F), Yeh Chotee (U) - Initial-Middle	NAME	
AY310000	Yeh Hamza (A) - Initial-Middle	NAME	
AY320003	Yey Hamzey (F), Yeh Chotee Hamza (U) - Initial-Middle	NAME	
AZ010000	Zayn (A), Zey (F), Zeh (U) - Isolated-Final	NAME	
AZ210000	Jey (F), Zzeh (U) - Isolated-Final	NAME	
AZ450000	Zah (F), Zoey (U) - Isolated-Final-Initial-Middle	NAME	
AZ450001	Zah (A/F), Zoey (U) - Isolated-Final	NAME	
AZ450002	Zah (A/F), Zoey (U) - Initial-Middle	NAME	

REXX/400 extension characters: Bxxxxxxx GCGIDs

GCGID	Description	Token Type	Token Flag
BA100000	a - (Upper Vowel)	NAME	
BA200000	a - (Middle Vowel)	NAME	
BA300000	a - (Middle Vowel)	NAME	
BA400000	am - (Middle Vowel)	NAME	
BA500000	ai - (Middle Vowel)	NAME	
BA600000	ai - (Middle Vowel)	NAME	
BA700000	a - (Middle Vowel)	NAME	
BB100000	Bo	NAME	

GCGID	Description	Token Type	Token Flag
BC100000	Cho	NAME	
BD100000	Do	NAME	
BD200000	Do	NAME	
BE100000	e/a - (Upper Vowel)	NAME	
BE200000	e - (Middle Vowel)	NAME	
BE300000	e - (Middle Vowel)	NAME	
BE400000	Yamakkan	NAME	
BF100000	Fo	NAME	
BF200000	Fo	NAME	
BH100000	Ho	NAME	
BH200000	Ho	NAME	
BI100000	i - (Upper Vowel)	NAME	
BI200000	i - (Upper Vowel)	NAME	
BK100000	Ko	NAME	
BK200000	Kho	NAME	
BK300000	Kho	NAME	
BK400000	Kho	NAME	
BK500000	Kho	NAME	
BK600000	Kho	NAME	
BL100000	Lo	NAME	
BL200000	Lu	NAME	
BL300000	Lo	NAME	
BM100000	Mo	NAME	
BN100000	Ngo	NAME	
BN200000	No	NAME	
BN300000	No	NAME	
BN400000	a - (Upper Vowel)	NAME	
BO100000	o	NAME	
BO200000	o - (Middle Vowel)	NAME	
BP100000	Po	NAME	
BP200000	Pho	NAME	
BP300000	Pho	NAME	
BP400000	Pho	NAME	
BQ100000	Thai Repeat Sign	NAME	
BQ200000	Thai Ellipsis	NAME	
BQ300000	a - (Lower Vowel)	NAME	
BQ400000	Fongmann	NAME	
BQ500000	Angkhankhu	NAME	
BQ600000	Komut	NAME	
BR100000	Ro	NAME	
BR200000	Ro	NAME	

GCGID	Description	Token Type	Token Flag
BS100000	So	NAME	
BS200000	So	NAME	
BS300000	So	NAME	
BS400000	So	NAME	
BT100000	To	NAME	
BT200000	Tho	NAME	
BT300000	Tho	NAME	
BT400000	Tho	NAME	
BT500000	To	NAME	
BT600000	Tho	NAME	
BT700000	Tho	NAME	
BT800000	Tho	NAME	
BU100000	u - (Upper Vowel)	NAME	
BU200000	u - (Upper Vowel)	NAME	
BU300000	u - (Lower Vowel)	NAME	
BU400000	u - (Lower Vowel)	NAME	
BW100000	Wo	NAME	
BX100000	Xo	NAME	
BX200000	Xo	NAME	
BX300000	Xo	NAME	
BY100000	Jo	NAME	
BY200000	Yo	NAME	
BZ100000	1st Tone Mark	NAME	
BZ100300	1st Tone Mark, Low Position	NAME	
BZ200000	2nd Tone Mark	NAME	
BZ200300	2nd Tone Mark, Low Position	NAME	
BZ300000	3rd Tone Mark	NAME	
BZ300300	3rd Tone Mark, Low Position	NAME	
BZ400000	4th Tone Mark	NAME	
BZ400300	4th Tone Mark, Low Position	NAME	
BZ500000	5th Tone Mark	NAME	
BZ500300	5th Tone Mark, Low Position	NAME	

REXX/400 extension characters: Gxxxxxxx GCGIDs

GCGID	Description	Token Type	Token Flag
GA010000	Alpha Small	NAME	
GA020000	Alpha Capital	NAME	
GA110000	Alpha Acute Small	NAME	
GA120000	Alpha Acute Capital	NAME	
GB010000	Beta Small	NAME	

GCGID	Description	Token Type	Token Flag
GB020000	Beta Capital	NAME	
GD010000	Delta Small	NAME	
GD020000	Delta Capital	NAME	
GE010000	Epsilon Small	NAME	
GE020000	Epsilon Capital	NAME	
GE110000	Epsilon Acute Small	NAME	
GE120000	Epsilon Acute Capital	NAME	
GE310000	Eta Small	NAME	
GE320000	Eta Capital	NAME	
GE710000	Eta Acute Small	NAME	
GE720000	Eta Acute Capital	NAME	
GF010000	Phi Small	NAME	
GF020000	Phi Capital	NAME	
GG010000	Gamma Small	NAME	
GG020000	Gamma Capital	NAME	
GH010000	Chi Small	NAME	
GH020000	Chi Capital	NAME	
GI010000	Iota Small	NAME	
GI020000	Iota Capital	NAME	
GI110000	Iota Acute Small	NAME	
GI120000	Iota Acute Capital	NAME	
GI170000	Iota Diaeresis Small	NAME	
GI180000	Iota Diaeresis Capital	NAME	
GI730000	Iota Acute and Diaeresis Small	NAME	
GK010000	Kappa Small	NAME	
GK020000	Kappa Capital	NAME	
GL010000	Lambda Small	NAME	
GL020000	Lambda Capital	NAME	
GM010000	Mu Small	NAME	
GM020000	Mu Capital	NAME	
GN010000	Nu Small	NAME	
GN020000	Nu Capital	NAME	
GO010000	Omicron Small	NAME	
GO020000	Omicron Capital	NAME	
GO110000	Omicron Acute Small	NAME	
GO120000	Omicron Acute Capital	NAME	
GO310000	Omega Small	NAME	
GO320000	Omega Capital	NAME	
GO710000	Omega Acute Small	NAME	
GO720000	Omega Acute Capital	NAME	
GP010000	Pi Small	NAME	

GCGID	Description	Token Type	Token Flag
GP020000	Pi Capital	NAME	
GP610000	Psi Small	NAME	
GP620000	Psi Capital	NAME	
GR010000	Rho Small	NAME	
GR020000	Rho Capital	NAME	
GS010000	Sigma Small	NAME	
GS020000	Sigma Capital	NAME	
GS610000	Sigma Small (Final Form)	NAME	
GT010000	Tau Small	NAME	
GT020000	Tau Capital	NAME	
GT610000	Theta Small	NAME	
GT620000	Theta Capital	NAME	
GU010000	Upsilon Small	NAME	
GU020000	Upsilon Capital	NAME	
GU110000	Upsilon Acute Small	NAME	
GU120000	Upsilon Acute Capital	NAME	
GU170000	Upsilon Diaeresis Small	NAME	
GU180000	Upsilon Diaeresis Capital	NAME	
GU730000	Upsilon Acute and Diaeresis Small	NAME	
GX010000	Xi Small	NAME	
GX020000	Xi Capital	NAME	
GZ010000	Zeta Small	NAME	
GZ020000	Zeta Capital	NAME	

REXX/400 extension characters: Hxxxxxxx GCGIDs

GCGID	Description	Token Type	Token Flag
HB010000	Bet	NAME	
HD010000	Dalet	NAME	
HG010000	Gimel	NAME	
HH010000	He	NAME	
HH450000	Het	NAME	
HK010000	Kaf	NAME	
HK610000	Kaf (Final Form)	NAME	
HL010000	Lamed	NAME	
HM010000	Mem	NAME	
HM610000	Mem (Final Form)	NAME	
HN010000	Nun	NAME	
HN610000	Nun (Final Form)	NAME	
HP010000	Pe	NAME	
HP610000	Pe (Final Form)	NAME	

GCGID	Description	Token Type	Token Flag
HQ010000	Qof	NAME	
HR010000	Resh	NAME	
HS010000	Samech	NAME	
HS210000	Shin	NAME	
HS450000	Zadi	NAME	
HS610000	Zadi (Final Form)	NAME	
HT010000	Tav	NAME	
HT450000	Tet	NAME	
HW010000	Waw	NAME	
HX330000	Alef	NAME	
HX350000	Ayin	NAME	
HY010000	Yod	NAME	
HZ010000	Zayin	NAME	

REXX/400 extension characters: Jxxxxxxx GCGIDs

GCGID	Description	Token Type	Token Flag
JA000000	A	NAME	
JA010000	a	NAME	
JE000000	E	NAME	
JE010000	e	NAME	
JH100000	HA	NAME	
JH200000	HI	NAME	
JH300000	HU or FU	NAME	
JH400000	HE	NAME	
JH500000	HO	NAME	
JI000000	I	NAME	
JI010000	i	NAME	
JK100000	KA	NAME	
JK200000	KI	NAME	
JK300000	KU	NAME	
JK400000	KE	NAME	
JK500000	KO	NAME	
JM100000	MA	NAME	
JM200000	MI	NAME	
JM300000	MU	NAME	
JM400000	ME	NAME	
JM500000	MO	NAME	
JN000000	N	NAME	
JN100000	NA	NAME	
JN200000	NI	NAME	

GCGID	Description	Token Type	Token Flag
JN300000	NU	NAME	
JN400000	NE	NAME	
JN500000	NO	NAME	
JO000000	O	NAME	
JO010000	o	NAME	
JQ700000	Katakana Full Stop	NAME	
JQ710000	Katakana Left Bracket	NAME	
JQ720000	Katakana Right Bracket	NAME	
JQ730000	Katakana Comma	NAME	
JQ740000	Katakana Conjunctive Symbol	NAME	
JR100000	RA	NAME	
JR200000	RI	NAME	
JR300000	RU	NAME	
JR400000	RE	NAME	
JR500000	RO	NAME	
JS100000	SA	NAME	
JS200000	SI or SHI	NAME	
JS300000	SU	NAME	
JS400000	SE	NAME	
JS500000	SO	NAME	
JT100000	TA	NAME	
JT200000	TI or CHI	NAME	
JT300000	TU or TSU	NAME	
JT310000	tu or tsu	NAME	
JT400000	TE	NAME	
JT500000	TO	NAME	
JU000000	U	NAME	
JU010000	u	NAME	
JW100000	WA	NAME	
JW500000	WO, Katakana Participle	NAME	
JX700000	Prolonged Sound Symbol	NAME	
JX710000	Voiced Sound Symbol	NAME	
JX720000	Semi-Voiced Sound Symbol	NAME	
JY100000	YA	NAME	
JY110000	ya	NAME	
JY300000	YU	NAME	
JY310000	yu	NAME	
JY500000	YO	NAME	
JY510000	yo	NAME	

REXX/400 extension characters: Kxxxxxxx GCGIDs

GCGID	Description	Token Type	Token Flag
KA010000	a Small	NAME	
KA020000	A Capital	NAME	
KA150000	ya Small	NAME	
KA160000	YA Capital	NAME	
KB010000	b Small	NAME	
KB020000	B Capital	NAME	
KC010000	ts Small	NAME	
KC020000	TS Capital	NAME	
KC110000	c Special Small	NAME	
KC120000	C Special Capital	NAME	
KC210000	ch Small	NAME	
KC220000	CH Capital	NAME	
KD010000	d Small	NAME	
KD020000	D Capital	NAME	
KD610000	d Special Small	NAME	
KD620000	D Special Capital	NAME	
KE010000	e Small	NAME	
KE020000	E Capital	NAME	
KE130000	e Special Small	NAME	
KE140000	E Special Capital	NAME	
KE150000	ye Small	NAME	
KE160000	YE Capital	NAME	
KE170000	e Diaeresis Small	NAME	
KE180000	E Diaeresis Capital	NAME	
KF010000	f Small	NAME	
KF020000	F Capital	NAME	
KG010000	g Small	NAME	
KG020000	G Capital	NAME	
KG110000	g Special Small	NAME	
KG120000	G Special Capital	NAME	
KG210000	dz Special Small	NAME	
KG220000	DZ Special Capital	NAME	
KH010000	kh Small	NAME	
KH020000	KH Capital	NAME	
KI010000	i Small	NAME	
KI020000	I Capital	NAME	
KI110000	i Special Small	NAME	
KI120000	I Special Capital	NAME	
KI170000	i Diaeresis Small	NAME	

GCGID	Description	Token Type	Token Flag
KI180000	I Diaeresis Capital	NAME	
KJ010000	j Small	NAME	
KJ020000	J Capital	NAME	
KJ110000	j Special Small	NAME	
KJ120000	J Special Capital	NAME	
KK010000	k Small	NAME	
KK020000	K Capital	NAME	
KK110000	k Special Small	NAME	
KK120000	K Special Capital	NAME	
KL010000	l Small	NAME	
KL020000	L Capital	NAME	
KL410000	lj Small	NAME	
KL420000	LJ Capital	NAME	
KM010000	m Small	NAME	
KM020000	M Capital	NAME	
KN010000	n Small	NAME	
KN020000	N Capital	NAME	
KN110000	nj Small	NAME	
KN120000	NJ Capital	NAME	
KO010000	o Small	NAME	
KO020000	O Capital	NAME	
KP010000	p Small	NAME	
KP020000	P Capital	NAME	
KR010000	r Small	NAME	
KR020000	R Capital	NAME	
KS010000	s Small	NAME	
KS020000	S Capital	NAME	
KS150000	shch Small	NAME	
KS160000	SHCH Capital	NAME	
KS210000	sh Small	NAME	
KS220000	SH Capital	NAME	
KT010000	t Small	NAME	
KT020000	T Capital	NAME	
KU010000	u Small	NAME	
KU020000	U Capital	NAME	
KU150000	yu Small	NAME	
KU160000	YU Capital	NAME	
KU210000	Hard Sign Small	NAME	
KU220000	Hard Sign Capital	NAME	
KU230000	u Breve Small	NAME	
KU240000	U Breve Capital	NAME	

GCGID	Description	Token Type	Token Flag
KV010000	v Small	NAME	
KV020000	V Capital	NAME	
KX110000	Soft Sign Small	NAME	
KX120000	Soft Sign Capital	NAME	
KY010000	y Small	NAME	
KY020000	Y Capital	NAME	
KZ010000	z Small	NAME	
KZ020000	Z Capital	NAME	
KZ150000	s Special Small	NAME	
KZ160000	S Special Capital	NAME	
KZ210000	zh Small	NAME	
KZ220000	zh Capital	NAME	

REXX/400 extension characters: Lxxxxxxx GCGIDs

GCGID	Description	Token Type	Token Flag
LA010000	a Small	NAME	
LA020000	A Capital	NAME	
LA110000	a Acute Small	NAME	
LA120000	A Acute Capital	NAME	
LA130000	a Grave Small	NAME	
LA140000	A Grave Capital	NAME	
LA150000	a Circumflex Small	NAME	
LA160000	A Circumflex Capital	NAME	
LA170000	a Diaeresis Small	NAME	
LA180000	A Diaeresis Capital	NAME	
LA190000	a Tilde Small	NAME	
LA200000	A Tilde Capital	NAME	
LA230000	a Breve Small	NAME	
LA240000	A Breve Capital	NAME	
LA270000	a Overcircle Small	NAME	
LA280000	A Overcircle Capital	NAME	
LA430000	a Ogonek Small	NAME	
LA440000	A Ogonek Capital	NAME	
LA510000	ae Diphthong Small	NAME	
LA520000	ae Diphthong Capital	NAME	
LB010000	b Small	NAME	
LB020000	B Capital	NAME	
LC010000	c Small	NAME	
LC020000	C Capital	NAME	
LC110000	c Acute Small	NAME	

GCGID	Description	Token Type	Token Flag
LC120000	C Acute Capital	NAME	
LC150000	c Circumflex Small	NAME	
LC160000	C Circumflex Capital	NAME	
LC210000	c Caron Small	NAME	
LC220000	C Caron Capital	NAME	
LC290000	c Overdot Small	NAME	
LC300000	C Overdot Capital	NAME	
LC410000	c Cedilla Small	NAME	
LC420000	C Cedilla Capital	NAME	
LD010000	d Small	NAME	
LD020000	D Capital	NAME	
LD210000	d Caron Small	NAME	
LD220000	D Caron Capital	NAME	
LD610000	d Stroke Small	NAME	
LD620000	D Stroke Capital/Eth Icelandic Capital	NAME	
LD630000	eth Icelandic Small	NAME	
LE010000	e Small	NAME	
LE020000	E Capital	NAME	
LE110000	e Acute Small	NAME	
LE120000	E Acute Capital	NAME	
LE130000	e Grave Small	NAME	
LE140000	E Grave Capital	NAME	
LE150000	e Circumflex Small	NAME	
LE160000	E Circumflex Capital	NAME	
LE170000	e Diaeresis Small	NAME	
LE180000	E Diaeresis Capital	NAME	
LE210000	e Caron Small	NAME	
LE220000	E Caron Capital	NAME	
LE430000	e Ogonek Small	NAME	
LE440000	E Ogonek Capital	NAME	
LF010000	f Small	NAME	
LF020000	F Capital	NAME	
LG010000	g Small	NAME	
LG020000	G Capital	NAME	
LG150000	g Circumflex Small	NAME	
LG160000	G Circumflex Capital	NAME	
LG230000	g Breve Small	NAME	
LG240000	G Breve Capital	NAME	
LG290000	g Overdot Small	NAME	
LG300000	G Overdot Capital	NAME	
LH010000	h Small	NAME	

GCGID	Description	Token Type	Token Flag
LH020000	H Capital	NAME	
LH150000	h Circumflex Small	NAME	
LH160000	H Circumflex Capital	NAME	
LH610000	h Stroke Small	NAME	
LH620000	H Stroke Capital	NAME	
LI010000	i Small	NAME	
LI020000	I Capital	NAME	
LI110000	i Acute Small	NAME	
LI120000	I Acute Capital	NAME	
LI130000	i Grave Small	NAME	
LI140000	I Grave Capital	NAME	
LI150000	i Circumflex Small	NAME	
LI160000	I Circumflex Capital	NAME	
LI170000	i Diaeresis Small	NAME	
LI180000	I Diaeresis Capital	NAME	
LI300000	I Overdot Capital	NAME	
LI610000	i Dotless Small	NAME	
LJ010000	j Small	NAME	
LJ020000	J Capital	NAME	
LJ150000	j Circumflex Small	NAME	
LJ160000	J Circumflex Capital	NAME	
LK010000	k Small	NAME	
LK020000	K Capital	NAME	
LL010000	l Small	NAME	
LL020000	L Capital	NAME	
LL110000	l Acute Small	NAME	
LL120000	L Acute Capital	NAME	
LL210000	l Caron Small	NAME	
LL220000	L Caron Capital	NAME	
LL610000	l Stroke Small	NAME	
LL620000	L Stroke Capital	NAME	
LM010000	m Small	NAME	
LM020000	M Capital	NAME	
LN010000	n Small	NAME	
LN020000	N Capital	NAME	
LN110000	n Acute Small	NAME	
LN120000	N Acute Capital	NAME	
LN190000	n Tilde Small	NAME	
LN200000	N Tilde Capital	NAME	
LN210000	n Caron Small	NAME	
LN220000	N Caron Capital	NAME	

GCGID	Description	Token Type	Token Flag
LO010000	o Small	NAME	
LO020000	O Capital	NAME	
LO110000	o Acute Small	NAME	
LO120000	O Acute Capital	NAME	
LO130000	o Grave Small	NAME	
LO140000	O Grave Capital	NAME	
LO150000	o Circumflex Small	NAME	
LO160000	O Circumflex Capital	NAME	
LO170000	o Diaeresis Small	NAME	
LO180000	O Diaeresis Capital	NAME	
LO190000	o Tilde Small	NAME	
LO200000	O Tilde Capital	NAME	
LO250000	o Double Acute Small	NAME	
LO260000	O Double Acute Capital	NAME	
LO610000	o Slash Small	NAME	
LO620000	O Slash Capital	NAME	
LP010000	p Small	NAME	
LP020000	P Capital	NAME	
LQ010000	q Small	NAME	
LQ020000	Q Capital	NAME	
LR010000	r Small	NAME	
LR020000	R Capital	NAME	
LR110000	r Acute Small	NAME	
LR120000	R Acute Capital	NAME	
LR210000	r Caron Small	NAME	
LR220000	R Caron Capital	NAME	
LS010000	s Small	NAME	
LS020000	S Capital	NAME	
LS110000	s Acute Small	NAME	
LS120000	S Acute Capital	NAME	
LS150000	s Circumflex Small	NAME	
LS160000	S Circumflex Capital	NAME	
LS210000	s Caron Small	NAME	
LS220000	S Caron Capital	NAME	
LS410000	s Cedilla Small	NAME	
LS420000	S Cedilla Capital	NAME	
LS610000	Sharp s Small	NAME	
LT010000	t Small	NAME	
LT020000	T Capital	NAME	
LT210000	t Caron Small	NAME	
LT220000	T Caron Capital	NAME	

GCGID	Description	Token Type	Token Flag
LT410000	t Cedilla Small	NAME	
LT420000	T Cedilla Capital	NAME	
LT630000	Thorn Icelandic Small	NAME	
LT640000	Thorn Icelandic Capital	NAME	
LU010000	u Small	NAME	
LU020000	U Capital	NAME	
LU110000	u Acute Small	NAME	
LU120000	U Acute Capital	NAME	
LU130000	u Grave Small	NAME	
LU140000	U Grave Capital	NAME	
LU150000	u Circumflex Small	NAME	
LU160000	U Circumflex Capital	NAME	
LU170000	u Diaeresis Small	NAME	
LU180000	U Diaeresis Capital	NAME	
LU230000	u Breve Small	NAME	
LU240000	U Breve Capital	NAME	
LU250000	u Double Acute Small	NAME	
LU260000	U Double Acute Capital	NAME	
LU270000	u Overcircle Small	NAME	
LU280000	u Overcircle Capital	NAME	
LV010000	v Small	NAME	
LV020000	V Capital	NAME	
LW010000	w Small	NAME	
LW020000	W Capital	NAME	
LX010000	x Small	NAME	
LX020000	X Capital	NAME	
LY010000	y Small	NAME	
LY020000	Y Capital	NAME	
LY110000	y Acute Small	NAME	
LY120000	Y Acute Capital	NAME	
LY170000	y Diaeresis Small	NAME	
LZ010000	z Small	NAME	
LZ020000	Z Capital	NAME	
LZ110000	z Acute Small	NAME	
LZ120000	Z Acute Capital	NAME	
LZ210000	z Caron Small	NAME	
LZ220000	Z Caron Capital	NAME	
LZ290000	z Overdot Small	NAME	
LZ300000	Z Overdot Capital	NAME	

REXX/400 extension characters: Nxxxxxxx GCGIDs

GCGID	Description	Token Type	Token Flag
ND010000	One	NUMBER	
ND010001	One (Arabic, Farsi, Urdu)	INVALID	
ND010002	One, Thai	INVALID	
ND011000	One Superscript	INVALID	
ND020000	Two	NUMBER	
ND020001	Two (Arabic, Farsi, Urdu)	INVALID	
ND020002	Two, Thai	INVALID	
ND021000	Two Superscript	INVALID	
ND030000	Three	NUMBER	
ND030001	Three (Arabic, Farsi, Urdu)	INVALID	
ND030002	Three, Thai	INVALID	
ND031000	Three Superscript	INVALID	
ND040000	Four	NUMBER	
ND040001	Four (Arabic)	INVALID	
ND040002	Four, Thai	INVALID	
ND040003	Four (Farsi)	INVALID	
ND050000	Five	NUMBER	
ND050001	Five (Arabic)	INVALID	
ND050002	Five, Thai	INVALID	
ND050004	Five (Farsi, Urdu)	INVALID	
ND060000	Six	NUMBER	
ND060001	Six (Arabic, Urdu)	INVALID	
ND060002	Six, Thai	INVALID	
ND060003	Six (Farsi)	INVALID	
ND070000	Seven	NUMBER	
ND070001	Seven (Arabic, Farsi)	INVALID	
ND070002	Seven, Thai	INVALID	
ND080000	Eight	NUMBER	
ND080001	Eight (Arabic, Farsi, Urdu)	INVALID	
ND080002	Eight, Thai	INVALID	
ND090000	Nine	NUMBER	
ND090001	Nine (Arabic, Farsi, Urdu)	INVALID	
ND090002	Nine, Thai	INVALID	
ND100000	Zero	NUMBER	
ND100001	Zero (Arabic, Urdu)	INVALID	
ND100002	Zero, Thai	INVALID	
ND100003	Zero (Farsi)	INVALID	
NF010000	One Half	INVALID	
NF040000	One Quarter	INVALID	

GCGID	Description	Token Type	Token Flag
NF050000	Three Quarters	INVALID	

REXX/400 extension characters: Oxxxxxxx GCGIDs

GCGID	Description	Token Type	Token Flag
OA000000	A (Basic Vowel)	NAME	
OA200000	AE (Compound Vowel)	NAME	
OB000000	B (Basic Consonant)	NAME	
OB100000	BB (Compound Consonant)	NAME	
OB200000	BS (Compound Consonant)	NAME	
OC200000	CH (Basic Consonant)	NAME	
OD000000	D (Basic Consonant)	NAME	
OD100000	DD (Compound Consonant)	NAME	
OE000000	E (Compound Vowel)	NAME	
OE200000	EO (Basic Vowel)	NAME	
OE300000	EU (Basic Vowel)	NAME	
OE400000	EUI (Compound Vowel)	NAME	
OG000000	G (Basic Consonant)	NAME	
OG100000	GG (Compound Consonant)	NAME	
OG200000	GS (Compound Consonant)	NAME	
OH000000	H (Basic Consonant)	NAME	
OI000000	I (Basic Vowel)	NAME	
OJ000000	J (Basic Consonant)	NAME	
OJ100000	JJ (Compound Consonant)	NAME	
OK000000	K (Basic Consonant)	NAME	
OL000000	L (Basic Consonant)	NAME	
OL100000	LB (Compound Consonant)	NAME	
OL200000	LG (Compound Consonant)	NAME	
OL300000	LH (Compound Consonant)	NAME	
OL400000	:c 2 .LM (Compound Consonant)	NAME	
OL500000	LP (Compound Consonant)	NAME	
OL600000	LS (Compound Consonant)	NAME	
OL700000	LT (Compound Consonant)	NAME	
OM000000	M (Basic Consonant)	NAME	
ON000000	N (Basic Consonant)	NAME	
ON100000	NH (Compound Consonant)	NAME	
ON150000	NJ (Compound Consonant)	NAME	
ON200000	NG or W (Basic Consonant)	NAME	
OO000000	O (Basic Vowel)	NAME	
OO100000	OA (Compound Vowel)	NAME	
OO200000	OAE (Compound Vowel)	NAME	

GCGID	Description	Token Type	Token Flag
OO300000	OI (Compound Vowel)	NAME	
OP000000	P (Basic Consonant)	NAME	
OS000000	S (Basic Consonant)	NAME	
OS100000	SS (Compound Consonant)	NAME	
OT000000	T (Basic Consonant)	NAME	
OU000000	U (Basic Vowel)	NAME	
OU200000	UE (Compound Vowel)	NAME	
OU300000	UEO (Compound Vowel)	NAME	
OU400000	UI (Compound Vowel)	NAME	
OY200000	YA (Basic Vowel)	NAME	
OY250000	YAE (Compound Vowel)	NAME	
OY300000	YE (Compound Vowel)	NAME	
OY400000	YEO (Basic Vowel)	NAME	
OY500000	YO (Basic Vowel)	NAME	
OY600000	YU (Basic Vowel)	NAME	

REXX/400 extension characters: Sxxxxxxx GCGIDs

GCGID	Description	Token Type	Token Flag
SA010000	Plus Sign	OPER	PLUS
SA020000	Plus or Minus Sign	INVALID	
SA030000	Less Than Sign/Greater Than Sign (Arabic)	OPER	LESS_THAN
SA040000	Equal Sign	OPER	EQUAL
SA050000	Greater Than Sign/Less Than Sign (Arabic)	OPER	GREAT_THAN
SA060000	Divide Sign	INVALID	
SA070000	Multiply Sign	INVALID	
SC010000	International Currency Symbol	INVALID	
SC020000	Pound Sterling Sign	INVALID	
SC030000	Dollar Sign	INVALID	
SC040000	Cent Sign	INVALID	
SC050000	Yen Sign	INVALID	
SC060000	Peseta Sign	INVALID	
SC070000	Florin Sign	INVALID	
SC120000	Yuan Sign	INVALID	
SC130000	Currency Symbol, Thailand	INVALID	
SC140000	Won Sign	INVALID	
SC160000	Rial Sign, Iran	INVALID	
SD110000	Acute Accent	INVALID	
SD130000	Grave Accent	INVALID	
SD150000	Circumflex Accent	INVALID	
SD170000	Diaeresis/Umlaut Accent	INVALID	

GCGID	Description	Token Type	Token Flag
SD190000	Tilde Accent	INVALID	
SD210000	Caron Accent	INVALID	
SD230000	Breve Accent	INVALID	
SD250000	Double Acute Accent	INVALID	
SD290000	Overdot Accent	INVALID	
SD410000	Cedilla or Sedila Accent	INVALID	
SD430000	Ogonek Accent	INVALID	
SD630000	Middle Dot	INVALID	
SD730000	Acute and Diaeresis Accent	INVALID	
SM000000	Número Sign	INVALID	
SM010000	Number Sign	INVALID	
SM020000	Percent Sign	OPER	PERCENT
SM020007	Percent Sign (Arabic)	OPER	PERCENT
SM030000	Ampersand	OPER	AMPERSAND
SM040000	Asterisk	OPER	ASTERISK
SM040007	Asterisk (Arabic Preference - 5 points)	OPER	ASTERISK
SM050000	At Sign	INVALID	
SM060000	Left Bracket	INVALID	
SM070000	Backslash	OPER	BACKSLASH
SM080000	Right Bracket	INVALID	
SM100000	Double Underscore	INVALID	
SM110000	Left Brace	INVALID	
SM120000	Long Dash/Throughscore	INVALID	
SM130000	Vertical Line/Logical OR	OPER	VERTI_BAR
SM140000	Right Brace	INVALID	
SM150000	Overline	INVALID	
SM170000	Micro Symbol	INVALID	
SM190000	Degree Symbol	INVALID	
SM200000	Ordinal Indicator, Masculine	INVALID	
SM210000	Ordinal Indicator, Feminine	INVALID	
SM240000	Section Symbol (USA)/Paragraph Symbol (Europe)	INVALID	
SM250000	Paragraph Symbol (USA)	INVALID	
SM520000	Copyright Symbol	INVALID	
SM530000	Registered Trademark Symbol	INVALID	
SM570000	Bullet	INVALID	
SM650000	Vertical Line, Broken	INVALID	
SM660000	Logical NOT/End Of Line Symbol	OPER	NOT_SIGN
SM860000	Tatweel (Connector)	INVALID	
SM870000	Kasseh (Tail)	INVALID	
SP010000	Space	WHITE	BLANK
SP020000	Exclamation Point	NAME	

GCGID	Description	Token Type	Token Flag
SP030000	Exclamation Point, Inverted	INVALID	
SP040000	Quotation Marks	STRING	QUOTE
SP050000	Apostrophe	STRING	APOSTROPH
SP060000	Left Parenthesis	PUNCT	L_PAREN
SP070000	Right Parenthesis	PUNCT	R_PAREN
SP080000	Comma	PUNCT	COMMA
SP080007	Comma Rotated (Arabic)	INVALID	
SP090000	Underline/Continuous Underscore	NAME	
SP100000	Hyphen/Minus Sign	OPER	MINUS
SP110000	Period/Full Stop	NAME	PERIOD
SP120000	Slash	OPER	SLASH
SP130000	Colon	PUNCT	COLON
SP140000	Semicolon	PUNCT	SEMI_COLON
SP140007	Semicolon, Rotated (Arabic)	INVALID	
SP150000	Question Mark	NAME	QUESTION
SP150007	Question Mark, Reversed (Arabic)	INVALID	
SP160000	Question Mark, Inverted	INVALID	
SP170000	Left Angle Quotes	INVALID	
SP180000	Right Angle Quotes	INVALID	
SP190000	Left Single Quote	INVALID	
SP200000	Right Single Quote	INVALID	
SP300000	Required Space	INVALID	
SP310000	Numeric Space	INVALID	
SP320000	Syllable Hyphen	INVALID	
SP490000	Korean Fill (NULL) Character	INVALID	



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