



joyn Blackbird Unicode Standard Emoji emoticons

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1 Introduction

1.1 Overview

This document sets out the set of required emoticons for joyn Blackbird as referenced by joyn Blackbird Product Definition Document. [1]

The document lists the relevant Unicode Consortium blocks for with the emoticons are drawn, along with online sources for the blocks, lists the required emoticons and their Unicode codes and presents the graphic blocks with the required emoticons highlighted.

1.2 Scope

In addition to the joyn standard emoticons, joyn Blackbird clients will make the full set of emoji emoticons listed in section 2 available to the user when composing messages. The client will send the emoticons as Unicode codes and will process Unicode codes on receipt and display the relevant emoticon.

These emoticons are a subset of the emoji emoticons drawn from *The Unicode Standard, Version 6.2.0*, (Mountain View, CA: The Unicode Consortium, 2012. ISBN 978-1-936213-07-8).

Further details on the Unicode Consortium and version 6.2.0 are available at <http://www.unicode.org/versions/Unicode6.2.0/>. The complete Unicode code charts are also available at the Unicode Consortium website.

1.3 Definitions

Term	Description
Blackbird	The April 2013 release of the joyn Rich Communications Service
Emoji	Emoji refers to the set of ideograms included in the Unicode standard
Emoticon	A pictorial representation of a facial expression
joyn	The service mark for joyn services owned by the GSMA
Unicode	Unicode Consortium. See http://www.unicode.org/

1.4 References

Ref	Doc Number	Title
[1]		joyn Blackbird Product Definition Document

2 Emoticons

2.1 Overview

The required set of emoji emoticons for joyn Blackbird is a subset of the complete Emoji emoticon set defined by the Unicode consortium. The joyn Blackbird set is drawn from

across many of the Unicode blocks (sets of related emoticons) to present users with a comprehensive yet useable set of emoticons.

2.2 Deployment

The emoticons shall be accessible to users writing chat or group chat messages.

The emoticons shall not be influenced by the overall branding of the joyn implementation (i.e. the emoticons shall be present whether the implementation of joyn is branded or unbranded).

The emoticons shall not be accessible by third party applications i.e. other downloadable messaging applications.

2.3 Source blocks

The required Emoji emoticons are drawn from the following blocks, available at the Unicode website as follows:

Block	URL
Latin-1 Supplement	http://www.unicode.org/charts/PDF/U0080.pdf
General Punctuation	http://www.unicode.org/charts/PDF/U2000.pdf
Combining Diacritical Marks for Symbols	http://www.unicode.org/charts/PDF/U20D0.pdf
Letterlike Symbols	http://www.unicode.org/charts/PDF/U2100.pdf
Arrows	http://www.unicode.org/charts/PDF/U2190.pdf
Miscellaneous Technical	http://www.unicode.org/charts/PDF/U2300.pdf
Enclosed Alphanumerics	http://www.unicode.org/charts/PDF/U2460.pdf
Geometric Shapes	http://www.unicode.org/charts/PDF/U25A0.pdf
Miscellaneous Symbols	http://www.unicode.org/charts/PDF/U2600.pdf
Dingbats	http://www.unicode.org/charts/PDF/U2700.pdf
Supplemental Arrows-B	http://www.unicode.org/charts/PDF/U2900.pdf
Miscellaneous Symbols and Arrows	http://www.unicode.org/charts/PDF/U2B00.pdf
Symbols and Punctuation	http://www.unicode.org/charts/PDF/U3000.pdf CJK
Enclosed CJK Letters and Months	http://www.unicode.org/charts/PDF/U3200.pdf
Mahjong Tiles	http://www.unicode.org/charts/PDF/U1F000.pdf
Playing Cards	http://www.unicode.org/charts/PDF/U1F0A0.pdf
Enclosed Alphanumeric Supplement	http://www.unicode.org/charts/PDF/U1F100.pdf

Enclosed Ideographic Supplement	http://www.unicode.org/charts/PDF/U1F200.pdf
Miscellaneous Symbols and Pictographs	http://www.unicode.org/charts/PDF/U1F300.pdf
Emoticons	http://www.unicode.org/charts/PDF/U1F600.pdf
Transport and Map Symbols	http://www.unicode.org/charts/PDF/U1F680.pdf

2.4 List of emoticons and Unicode codes

The following are the required emoticons

Code	Character name
00A9	COPYRIGHT SIGN
00AE	REGISTERED SIGN
203C	DOUBLE EXCLAMATION MARK
2049	EXCLAMATION QUESTION MARK
20E3	COMBINING ENCLOSING KEYCAP
20E4	COMBINING ENCLOSING UPWARD POINTING TRIANGLE
2122	TRADE MARK SIGN
2139	INFORMATION SOURCE
2194	LEFT RIGHT ARROW
2195	UP DOWN ARROW
2196	NORTH WEST ARROW
2197	NORTH EAST ARROW
2198	SOUTH EAST ARROW
2199	SOUTH WEST ARROW
21A9	LEFTWARDS ARROW WITH HOOK
21AA	RIGHTWARDS ARROW WITH HOOK
231A	WATCH
231B	HOURLASS
23E9	BLACK RIGHT-POINTING DOUBLE TRIANGLE
23EA	BLACK LEFT-POINTING DOUBLE TRIANGLE
23EB	BLACK UP-POINTING DOUBLE TRIANGLE
23EC	BLACK DOWN-POINTING DOUBLE TRIANGLE
23F0	ALARM CLOCK
23F3	HOURLASS WITH FLOWING SAND
24C2	CIRCLED LATIN CAPITAL LETTER M
25AA	BLACK SMALL SQUARE
25AB	WHITE SMALL SQUARE
25B6	BLACK RIGHT-POINTING TRIANGLE

Code	Character name
25FB	WHITE MEDIUM SQUARE
25FC	BLACK MEDIUM SQUARE
25FD	WHITE MEDIUM SMALL SQUARE
25FE	BLACK MEDIUM SMALL SQUARE
2600	BLACK SUN WITH RAYS
2601	CLOUD
260E	BLACK TELEPHONE
2611	BALLOT BOX WITH CHECK
2614	UMBRELLA WITH RAIN DROPS
2615	HOT BEVERAGE
261D	WHITE UP POINTING INDEX
263A	WHITE SMILING FACE
2648	ARIES
2649	TAURUS
264A	GEMINI
264B	CANCER
264C	LEO
264D	VIRGO
264E	LIBRA
264F	SCORPIUS
2650	SAGITTARIUS
2651	CAPRICORN
2652	AQUARIUS
2653	PISCES
2660	BLACK SPADE SUIT
2663	BLACK CLUB SUIT
2665	BLACK HEART SUIT
2666	BLACK DIAMOND SUIT
2668	HOT SPRINGS
267B	BLACK UNIVERSAL RECYCLING SYMBOL
267F	WHEELCHAIR SYMBOL
2693	ANCHOR
26A0	WARNING SIGN
26A1	HIGH VOLTAGE SIGN
26AA	MEDIUM WHITE CIRCLE
26AB	MEDIUM BLACK CIRCLE
26BD	SOCCER BALL

Code	Character name
26BE	BASEBALL
26C4	SNOWMAN WITHOUT SNOW
26C5	SUN BEHIND CLOUD
26CE	OPHIUCHUS
26D4	NO ENTRY
26EA	CHURCH
26F2	FOUNTAIN
26F3	FLAG IN HOLE
26F5	SAILBOAT
26FA	TENT
26FD	FUEL PUMP
2702	BLACK SCISSORS
2705	WHITE HEAVY CHECK MARK
2708	AIRPLANE
2709	ENVELOPE
270A	RAISED FIST
270B	RAISED HAND
270C	VICTORY HAND
270F	PENCIL
2712	BLACK NIB
2714	HEAVY CHECK MARK
2716	HEAVY MULTIPLICATION X
2728	SPARKLES
2733	EIGHT SPOKED ASTERISK
2734	EIGHT POINTED BLACK STAR
2744	SNOWFLAKE
2747	SPARKLE
274C	CROSS MARK
274E	NEGATIVE SQUARED CROSS MARK
2753	BLACK QUESTION MARK ORNAMENT
2754	WHITE QUESTION MARK ORNAMENT
2755	WHITE EXCLAMATION MARK ORNAMENT
2757	HEAVY EXCLAMATION MARK SYMBOL
2764	HEAVY BLACK HEART
2795	HEAVY PLUS SIGN
2796	HEAVY MINUS SIGN
2797	HEAVY DIVISION SIGN

Code	Character name
27A1	BLACK RIGHTWARDS ARROW
27B0	CURLY LOOP
27BF	DOUBLE CURLY LOOP
2934	ARROW POINTING RIGHTWARDS THEN CURVING UPWARDS
2935	ARROW POINTING RIGHTWARDS THEN CURVING DOWNWARDS
2B05	LEFTWARDS BLACK ARROW
2B06	UPWARDS BLACK ARROW
2B07	DOWNWARDS BLACK ARROW
2B1B	BLACK LARGE SQUARE
2B1C	WHITE LARGE SQUARE
2B50	WHITE MEDIUM STAR
2B55	HEAVY LARGE CIRCLE
3030	WAVY DASH
303D	PART ALTERNATION MARK
3297	CIRCLED IDEOGRAPH CONGRATULATION
3299	CIRCLED IDEOGRAPH SECRET
1F004	MAHJONG TILE RED DRAGON
1F0CF	PLAYING CARD BLACK JOKER
1F191	SQUARED CL
1F192	SQUARED COOL
1F193	SQUARED FREE
1F194	SQUARED ID
1F195	SQUARED NEW
1F196	SQUARED NG
1F197	SQUARED OK
1F198	SQUARED SOS
1F199	SQUARED UP WITH EXCLAMATION MARK
1F19A	SQUARED VS
1F1E6	REGIONAL INDICATOR SYMBOL LETTER A
1F1E7	REGIONAL INDICATOR SYMBOL LETTER B
1F1E8	REGIONAL INDICATOR SYMBOL LETTER C
1F1E9	REGIONAL INDICATOR SYMBOL LETTER D
1F1EA	REGIONAL INDICATOR SYMBOL LETTER E
1F1EB	REGIONAL INDICATOR SYMBOL LETTER F
1F1EC	REGIONAL INDICATOR SYMBOL LETTER G
1F1ED	REGIONAL INDICATOR SYMBOL LETTER H
1F1EE	REGIONAL INDICATOR SYMBOL LETTER I

Code	Character name
1F1EF	REGIONAL INDICATOR SYMBOL LETTER J
1F1F0	REGIONAL INDICATOR SYMBOL LETTER K
1F1F1	REGIONAL INDICATOR SYMBOL LETTER L
1F1F2	REGIONAL INDICATOR SYMBOL LETTER M
1F1F3	REGIONAL INDICATOR SYMBOL LETTER N
1F1F4	REGIONAL INDICATOR SYMBOL LETTER O
1F1F5	REGIONAL INDICATOR SYMBOL LETTER P
1F1F6	REGIONAL INDICATOR SYMBOL LETTER Q
1F1F7	REGIONAL INDICATOR SYMBOL LETTER R
1F1F8	REGIONAL INDICATOR SYMBOL LETTER S
1F1F9	REGIONAL INDICATOR SYMBOL LETTER T
1F1FA	REGIONAL INDICATOR SYMBOL LETTER U
1F1FB	REGIONAL INDICATOR SYMBOL LETTER V
1F1FC	REGIONAL INDICATOR SYMBOL LETTER W
1F1FD	REGIONAL INDICATOR SYMBOL LETTER X
1F1FE	REGIONAL INDICATOR SYMBOL LETTER Y
1F1FF	REGIONAL INDICATOR SYMBOL LETTER Z
1F201	SQUARED KATAKANA KOKO
1F202	SQUARED KATAKANA SA
1F21A	SQUARED CJK UNIFIED IDEOGRAPH-7121
1F22F	SQUARED CJK UNIFIED IDEOGRAPH-6307
1F232	SQUARED CJK UNIFIED IDEOGRAPH-7981
1F233	SQUARED CJK UNIFIED IDEOGRAPH-7A7A
1F234	SQUARED CJK UNIFIED IDEOGRAPH-5408
1F235	SQUARED CJK UNIFIED IDEOGRAPH-6E80
1F236	SQUARED CJK UNIFIED IDEOGRAPH-6709
1F237	SQUARED CJK UNIFIED IDEOGRAPH-6708
1F238	SQUARED CJK UNIFIED IDEOGRAPH-7533
1F239	SQUARED CJK UNIFIED IDEOGRAPH-5272
1F23A	SQUARED CJK UNIFIED IDEOGRAPH-55B6
1F250	CIRCLED IDEOGRAPH ADVANTAGE
1F251	CIRCLED IDEOGRAPH ACCEPT
1F300	CYCLONE
1F301	FOGGY
1F302	CLOSED UMBRELLA
1F303	NIGHT WITH STARS
1F304	SUNRISE OVER MOUNTAINS

Code	Character name
1F305	SUNRISE
1F306	CITYSCAPE AT DUSK
1F307	SUNSET OVER BUILDINGS
1F308	RAINBOW
1F309	BRIDGE AT NIGHT
1F30A	WATER WAVE
1F30B	VOLCANO
1F30C	MILKY WAY
1F30D	EARTH GLOBE EUROPE-AFRICA
1F30E	EARTH GLOBE AMERICAS
1F30F	EARTH GLOBE ASIA-AUSTRALIA
1F310	GLOBE WITH MERIDIANS
1F311	NEW MOON SYMBOL
1F312	WAXING CRESCENT MOON SYMBOL
1F313	FIRST QUARTER MOON SYMBOL
1F314	WAXING GIBBOUS MOON SYMBOL
1F315	FULL MOON SYMBOL
1F316	WANING GIBBOUS MOON SYMBOL
1F317	LAST QUARTER MOON SYMBOL
1F318	WANING CRESCENT MOON SYMBOL
1F319	CRESCENT MOON
1F31A	NEW MOON WITH FACE
1F31B	FIRST QUARTER MOON WITH FACE
1F31C	LAST QUARTER MOON WITH FACE
1F31D	FULL MOON WITH FACE
1F31E	SUN WITH FACE
1F31F	GLOWING STAR
1F320	SHOOTING STAR
1F330	CHESTNUT
1F331	SEEDLING
1F332	EVERGREEN TREE
1F333	DECIDUOUS TREE
1F334	PALM TREE
1F335	CACTUS
1F337	TULIP
1F338	CHERRY BLOSSOM
1F339	ROSE

Code	Character name
1F33A	HIBISCUS
1F33B	SUNFLOWER
1F33C	BLOSSOM
1F33D	EAR OF MAIZE
1F33E	EAR OF RICE
1F33F	HERB
1F340	FOUR LEAF CLOVER
1F341	MAPLE LEAF
1F342	FALLEN LEAF
1F343	LEAF FLUTTERING IN WIND
1F344	MUSHROOM
1F345	TOMATO
1F346	AUBERGINE
1F347	GRAPES
1F348	MELON
1F349	WATERMELON
1F34A	TANGERINE
1F34B	LEMON
1F34C	BANANA
1F34D	PINEAPPLE
1F34E	RED APPLE
1F34F	GREEN APPLE
1F350	PEAR
1F351	PEACH
1F352	CHERRIES
1F353	STRAWBERRY
1F354	HAMBURGER
1F355	SLICE OF PIZZA
1F356	MEAT ON BONE
1F357	POULTRY LEG
1F358	RICE CRACKER
1F359	RICE BALL
1F35A	COOKED RICE
1F35B	CURRY AND RICE
1F35C	STEAMING BOWL
1F35D	SPAGHETTI
1F35E	BREAD

Code	Character name
1F35F	FRENCH FRIES
1F360	ROASTED SWEET POTATO
1F361	DANGO
1F362	ODEN
1F363	SUSHI
1F364	FRIED SHRIMP
1F365	FISH CAKE WITH SWIRL DESIGN
1F366	SOFT ICE CREAM
1F367	SHAVED ICE
1F368	ICE CREAM
1F369	DOUGHNUT
1F36A	COOKIE
1F36B	CHOCOLATE BAR
1F36C	CANDY
1F36D	LOLLIPOP
1F36E	CUSTARD
1F36F	HONEY POT
1F370	SHORTCAKE
1F371	BENTO BOX
1F372	POT OF FOOD
1F373	COOKING
1F374	FORK AND KNIFE
1F375	TEACUP WITHOUT HANDLE
1F376	SAKE BOTTLE AND CUP
1F377	WINE GLASS
1F378	COCKTAIL GLASS
1F379	TROPICAL DRINK
1F37A	BEER MUG
1F37B	CLINKING BEER MUGS
1F37C	BABY BOTTLE
1F380	RIBBON
1F381	WRAPPED PRESENT
1F382	BIRTHDAY CAKE
1F383	JACK-O-LANTERN
1F384	CHRISTMAS TREE
1F385	FATHER CHRISTMAS
1F386	FIREWORKS

Code	Character name
1F387	FIREWORK SPARKLER
1F388	BALLOON
1F389	PARTY POPPER
1F38A	CONFETTI BALL
1F38B	TANABATA TREE
1F38C	CROSSED FLAGS
1F38D	PINE DECORATION
1F38E	JAPANESE DOLLS
1F38F	CARP STREAMER
1F390	WIND CHIME
1F391	MOON VIEWING CEREMONY
1F392	SCHOOL SATCHEL
1F393	GRADUATION CAP
1F3A0	CAROUSEL HORSE
1F3A1	FERRIS WHEEL
1F3A2	ROLLER COASTER
1F3A3	FISHING POLE AND FISH
1F3A4	MICROPHONE
1F3A5	MOVIE CAMERA
1F3A6	CINEMA
1F3A7	HEADPHONE
1F3A8	ARTIST PALETTE
1F3A9	TOP HAT
1F3AA	CIRCUS TENT
1F3AB	TICKET
1F3AC	CLAPPER BOARD
1F3AD	PERFORMING ARTS
1F3AE	VIDEO GAME
1F3AF	DIRECT HIT
1F3B0	SLOT MACHINE
1F3B1	BILLIARDS
1F3B2	GAME DIE
1F3B3	BOWLING
1F3B4	FLOWER PLAYING CARDS
1F3B5	MUSICAL NOTE
1F3B6	MULTIPLE MUSICAL NOTES
1F3B7	SAXOPHONE

Code	Character name
1F3B8	GUITAR
1F3B9	MUSICAL KEYBOARD
1F3BA	TRUMPET
1F3BB	VIOLIN
1F3BC	MUSICAL SCORE
1F3BD	RUNNING SHIRT WITH SASH
1F3BE	TENNIS RACQUET AND BALL
1F3BF	SKI AND SKI BOOT
1F3C0	BASKETBALL AND HOOP
1F3C1	CHEQUERED FLAG
1F3C2	SNOWBOARDER
1F3C3	RUNNER
1F3C4	SURFER
1F3C6	TROPHY
1F3C7	HORSE RACING
1F3C8	AMERICAN FOOTBALL
1F3C9	RUGBY FOOTBALL
1F3CA	SWIMMER
1F3E0	HOUSE BUILDING
1F3E1	HOUSE WITH GARDEN
1F3E2	OFFICE BUILDING
1F3E3	JAPANESE POST OFFICE
1F3E4	EUROPEAN POST OFFICE
1F3E5	HOSPITAL
1F3E6	BANK
1F3E7	AUTOMATED TELLER MACHINE
1F3E8	HOTEL
1F3E9	LOVE HOTEL
1F3EA	CONVENIENCE STORE
1F3EB	SCHOOL
1F3EC	DEPARTMENT STORE
1F3ED	FACTORY
1F3EE	IZAKAYA LANTERN
1F3EF	JAPANESE CASTLE
1F3F0	EUROPEAN CASTLE
1F400	RAT
1F401	MOUSE

Code	Character name
1F402	OX
1F403	WATER BUFFALO
1F404	COW
1F405	TIGER
1F406	LEOPARD
1F407	RABBIT
1F408	CAT
1F409	DRAGON
1F40A	CROCODILE
1F40B	WHALE
1F40C	SNAIL
1F40D	SNAKE
1F40E	HORSE
1F40F	RAM
1F410	GOAT
1F411	SHEEP
1F412	MONKEY
1F413	ROOSTER
1F414	CHICKEN
1F415	DOG
1F416	PIG
1F417	BOAR
1F418	ELEPHANT
1F419	OCTOPUS
1F41A	SPIRAL SHELL
1F41B	BUG
1F41C	ANT
1F41D	HONEYBEE
1F41E	LADY BEETLE
1F41F	FISH
1F420	TROPICAL FISH
1F421	BLOWFISH
1F422	TURTLE
1F423	HATCHING CHICK
1F424	BABY CHICK
1F425	FRONT-FACING BABY CHICK
1F426	BIRD

Code	Character name
1F427	PENGUIN
1F428	KOALA
1F429	POODLE
1F42A	DROMEDARY CAMEL
1F42B	BACTRIAN CAMEL
1F42C	DOLPHIN
1F42D	MOUSE FACE
1F42E	COW FACE
1F42F	TIGER FACE
1F430	RABBIT FACE
1F431	CAT FACE
1F432	DRAGON FACE
1F433	SPOUTING WHALE
1F434	HORSE FACE
1F435	MONKEY FACE
1F436	DOG FACE
1F437	PIG FACE
1F438	FROG FACE
1F439	HAMSTER FACE
1F43A	WOLF FACE
1F43B	BEAR FACE
1F43C	PANDA FACE
1F43D	PIG NOSE
1F43E	PAW PRINTS
1F440	EYES
1F442	EAR
1F443	NOSE
1F444	MOUTH
1F445	TONGUE
1F446	WHITE UP POINTING BACKHAND INDEX
1F447	WHITE DOWN POINTING BACKHAND INDEX
1F448	WHITE LEFT POINTING BACKHAND INDEX
1F449	WHITE RIGHT POINTING BACKHAND INDEX
1F44A	FISTED HAND SIGN
1F44B	WAVING HAND SIGN
1F44C	OK HAND SIGN
1F44D	THUMBS UP SIGN

Code	Character name
1F44E	THUMBS DOWN SIGN
1F44F	CLAPPING HANDS SIGN
1F450	OPEN HANDS SIGN
1F451	CROWN
1F452	WOMANS HAT
1F453	EYEGLASSES
1F454	NECKTIE
1F455	T-SHIRT
1F456	JEANS
1F457	DRESS
1F458	KIMONO
1F459	BIKINI
1F45A	WOMANS CLOTHES
1F45B	PURSE
1F45C	HANDBAG
1F45D	POUCH
1F45E	MANS SHOE
1F45F	ATHLETIC SHOE
1F460	HIGH-HEELED SHOE
1F461	WOMANS SANDAL
1F462	WOMANS BOOTS
1F463	FOOTPRINTS
1F464	BUST IN SILHOUETTE
1F465	BUSTS IN SILHOUETTE
1F466	BOY
1F467	GIRL
1F468	MAN
1F469	WOMAN
1F46A	FAMILY
1F46B	MAN AND WOMAN HOLDING HANDS
1F46C	TWO MEN HOLDING HANDS
1F46D	TWO WOMEN HOLDING HANDS
1F46E	POLICE OFFICER
1F46F	WOMAN WITH BUNNY EARS
1F470	BRIDE WITH VEIL
1F471	PERSON WITH BLOND HAIR
1F472	MAN WITH GUA PI MAO

Code	Character name
1F473	MAN WITH TURBAN
1F474	OLDER MAN
1F475	OLDER WOMAN
1F476	BABY
1F477	CONSTRUCTION WORKER
1F478	PRINCESS
1F479	JAPANESE OGRE
1F47A	JAPANESE GOBLIN
1F47B	GHOST
1F47C	BABY ANGEL
1F47D	EXTRATERRESTRIAL ALIEN
1F47E	ALIEN MONSTER
1F47F	IMP
1F480	SKULL
1F481	INFORMATION DESK PERSON
1F482	GUARDSMAN
1F483	DANCER
1F484	LIPSTICK
1F485	NAIL POLISH
1F486	FACE MASSAGE
1F487	HAIRCUT
1F488	BARBER POLE
1F489	SYRINGE
1F48A	PILL
1F48B	KISS MARK
1F48C	LOVE LETTER
1F48D	RING
1F48E	GEM STONE
1F48F	KISS
1F490	BOUQUET
1F491	COUPLE WITH HEART
1F492	WEDDING
1F493	BEATING HEART
1F494	BROKEN HEART
1F495	TWO HEARTS
1F496	SPARKLING HEART
1F497	GROWING HEART

Code	Character name
1F498	HEART WITH ARROW
1F499	BLUE HEART
1F49A	GREEN HEART
1F49B	YELLOW HEART
1F49C	PURPLE HEART
1F49D	HEART WITH RIBBON
1F49E	REVOLVING HEARTS
1F49F	HEART DECORATION
1F4A0	DIAMOND SHAPE WITH A DOT INSIDE
1F4A1	ELECTRIC LIGHT BULB
1F4A2	ANGER SYMBOL
1F4A3	BOMB
1F4A4	SLEEPING SYMBOL
1F4A5	COLLISION SYMBOL
1F4A6	SPLASHING SWEAT SYMBOL
1F4A7	DROPLET
1F4A8	DASH SYMBOL
1F4A9	PILE OF POO
1F4AA	FLEXED BICEPS
1F4AB	DIZZY SYMBOL
1F4AC	SPEECH BALLOON
1F4AD	THOUGHT BALLOON
1F4AE	WHITE FLOWER
1F4AF	HUNDRED POINTS SYMBOL
1F4B0	MONEY BAG
1F4B1	CURRENCY EXCHANGE
1F4B2	HEAVY DOLLAR SIGN
1F4B3	CREDIT CARD
1F4B4	BANKNOTE WITH YEN SIGN
1F4B5	BANKNOTE WITH DOLLAR SIGN
1F4B6	BANKNOTE WITH EURO SIGN
1F4B7	BANKNOTE WITH POUND SIGN
1F4B8	MONEY WITH WINGS
1F4B9	CHART WITH UPWARDS TREND AND YEN SIGN
1F4BA	SEAT
1F4BB	PERSONAL COMPUTER
1F4BC	BRIEFCASE

Code	Character name
1F4BD	MINIDISC
1F4BE	FLOPPY DISK
1F4BF	OPTICAL DISC
1F4C0	DVD
1F4C1	FILE FOLDER
1F4C2	OPEN FILE FOLDER
1F4C3	PAGE WITH CURL
1F4C4	PAGE FACING UP
1F4C5	CALENDAR
1F4C6	TEAR-OFF CALENDAR
1F4C7	CARD INDEX
1F4C8	CHART WITH UPWARDS TREND
1F4C9	CHART WITH DOWNWARDS TREND
1F4CA	BAR CHART
1F4CB	CLIPBOARD
1F4CC	PUSHPIN
1F4CD	ROUND PUSHPIN
1F4CE	PAPERCLIP
1F4CF	STRAIGHT RULER
1F4D0	TRIANGULAR RULER
1F4D1	BOOKMARK TABS
1F4D2	LEDGER
1F4D3	NOTEBOOK
1F4D4	NOTEBOOK WITH DECORATIVE COVER
1F4D5	CLOSED BOOK
1F4D6	OPEN BOOK
1F4D7	GREEN BOOK
1F4D8	BLUE BOOK
1F4D9	ORANGE BOOK
1F4DA	BOOKS
1F4DB	NAME BADGE
1F4DC	SCROLL
1F4DD	MEMO
1F4DE	TELEPHONE RECEIVER
1F4DF	PAGER
1F4E0	FAX MACHINE
1F4E1	SATELLITE ANTENNA

Code	Character name
1F4E2	PUBLIC ADDRESS LOUDSPEAKER
1F4E3	CHEERING MEGAPHONE
1F4E4	OUTBOX TRAY
1F4E5	INBOX TRAY
1F4E6	PACKAGE
1F4E7	E-MAIL SYMBOL
1F4E8	INCOMING ENVELOPE
1F4E9	ENVELOPE WITH DOWNWARDS ARROW ABOVE
1F4EA	CLOSED MAILBOX WITH LOWERED FLAG
1F4EB	CLOSED MAILBOX WITH RAISED FLAG
1F4EC	OPEN MAILBOX WITH RAISED FLAG
1F4ED	OPEN MAILBOX WITH LOWERED FLAG
1F4EE	POSTBOX
1F4EF	POSTAL HORN
1F4F0	NEWSPAPER
1F4F1	MOBILE PHONE
1F4F2	MOBILE PHONE WITH RIGHTWARDS ARROW AT LEFT
1F4F3	VIBRATION MODE
1F4F4	MOBILE PHONE OFF
1F4F5	NO MOBILE PHONES
1F4F6	ANTENNA WITH BARS
1F4F7	CAMERA
1F4F9	VIDEO CAMERA
1F4FA	TELEVISION
1F4FB	RADIO
1F4FC	VIDEOCASSETTE
1F500	TWISTED RIGHTWARDS ARROWS
1F501	CLOCKWISE RIGHTWARDS AND LEFTWARDS OPEN CIRCLE ARROWS
1F502	CLOCKWISE RIGHTWARDS AND LEFTWARDS OPEN CIRCLE ARROWS WITH CIRCLED ONE OVERLAY
1F503	CLOCKWISE DOWNWARDS AND UPWARDS OPEN CIRCLE ARROWS
1F504	ANTICLOCKWISE DOWNWARDS AND UPWARDS OPEN CIRCLE ARROWS
1F505	LOW BRIGHTNESS SYMBOL
1F506	HIGH BRIGHTNESS SYMBOL
1F507	SPEAKER WITH CANCELLATION STROKE
1F508	SPEAKER
1F509	SPEAKER WITH ONE SOUND WAVE

Code	Character name
1F50A	SPEAKER WITH THREE SOUND WAVES
1F50B	BATTERY
1F50C	ELECTRIC PLUG
1F50D	LEFT-POINTING MAGNIFYING GLASS
1F50E	RIGHT-POINTING MAGNIFYING GLASS
1F50F	LOCK WITH INK PEN
1F510	CLOSED LOCK WITH KEY
1F511	KEY
1F512	LOCK
1F513	OPEN LOCK
1F514	BELL
1F515	BELL WITH CANCELLATION STROKE
1F516	BOOKMARK
1F517	LINK SYMBOL
1F518	RADIO BUTTON
1F519	BACK WITH LEFTWARDS ARROW ABOVE
1F51A	END WITH LEFTWARDS ARROW ABOVE
1F51B	ON WITH EXCLAMATION MARK WITH LEFT RIGHT ARROW ABOVE
1F51C	SOON WITH RIGHTWARDS ARROW ABOVE
1F51D	TOP WITH UPWARDS ARROW ABOVE
1F51E	NO ONE UNDER EIGHTEEN SYMBOL
1F51F	KEYCAP TEN
1F520	INPUT SYMBOL FOR LATIN CAPITAL LETTERS
1F521	INPUT SYMBOL FOR LATIN SMALL LETTERS
1F522	INPUT SYMBOL FOR NUMBERS
1F523	INPUT SYMBOL FOR SYMBOLS
1F524	INPUT SYMBOL FOR LATIN LETTERS
1F525	FIRE
1F526	ELECTRIC TORCH
1F527	WRENCH
1F528	HAMMER
1F529	NUT AND BOLT
1F52A	HOCHO
1F52B	PISTOL
1F52C	MICROSCOPE
1F52D	TELESCOPE
1F52E	CRYSTAL BALL

Code	Character name
1F52F	SIX POINTED STAR WITH MIDDLE DOT
1F530	JAPANESE SYMBOL FOR BEGINNER
1F531	TRIDENT EMBLEM
1F532	BLACK SQUARE BUTTON
1F533	WHITE SQUARE BUTTON
1F534	LARGE RED CIRCLE
1F535	LARGE BLUE CIRCLE
1F536	LARGE ORANGE DIAMOND
1F537	LARGE BLUE DIAMOND
1F538	SMALL ORANGE DIAMOND
1F539	SMALL BLUE DIAMOND
1F53A	UP-POINTING RED TRIANGLE
1F53B	DOWN-POINTING RED TRIANGLE
1F53C	UP-POINTING SMALL RED TRIANGLE
1F53D	DOWN-POINTING SMALL RED TRIANGLE
1F550	CLOCK FACE ONE OCLOCK
1F551	CLOCK FACE TWO OCLOCK
1F552	CLOCK FACE THREE OCLOCK
1F553	CLOCK FACE FOUR OCLOCK
1F554	CLOCK FACE FIVE OCLOCK
1F555	CLOCK FACE SIX OCLOCK
1F556	CLOCK FACE SEVEN OCLOCK
1F557	CLOCK FACE EIGHT OCLOCK
1F558	CLOCK FACE NINE OCLOCK
1F559	CLOCK FACE TEN OCLOCK
1F55A	CLOCK FACE ELEVEN OCLOCK
1F55B	CLOCK FACE TWELVE OCLOCK
1F55C	CLOCK FACE ONE-THIRTY
1F55D	CLOCK FACE TWO-THIRTY
1F55E	CLOCK FACE THREE-THIRTY
1F55F	CLOCK FACE FOUR-THIRTY
1F560	CLOCK FACE FIVE-THIRTY
1F561	CLOCK FACE SIX-THIRTY
1F562	CLOCK FACE SEVEN-THIRTY
1F563	CLOCK FACE EIGHT-THIRTY
1F564	CLOCK FACE NINE-THIRTY
1F565	CLOCK FACE TEN-THIRTY

Code	Character name
1F566	CLOCK FACE ELEVEN-THIRTY
1F567	CLOCK FACE TWELVE-THIRTY
1F5FB	MOUNT FUJI
1F5FC	TOKYO TOWER
1F5FD	STATUE OF LIBERTY
1F5FE	SILHOUETTE OF JAPAN
1F5FF	MOYAI
1F600	GRINNING FACE
1F601	GRINNING FACE WITH SMILING EYES
1F602	FACE WITH TEARS OF JOY
1F603	SMILING FACE WITH OPEN MOUTH
1F604	SMILING FACE WITH OPEN MOUTH AND SMILING EYES
1F605	SMILING FACE WITH OPEN MOUTH AND COLD SWEAT
1F606	SMILING FACE WITH OPEN MOUTH AND TIGHTLY-CLOSED EYES
1F607	SMILING FACE WITH HALO
1F608	SMILING FACE WITH HORNS
1F609	WINKING FACE
1F60A	SMILING FACE WITH SMILING EYES
1F60B	FACE SAVOURING DELICIOUS FOOD
1F60C	RELIEVED FACE
1F60D	SMILING FACE WITH HEART-SHAPED EYES
1F60E	SMILING FACE WITH SUNGLASSES
1F60F	SMIRKING FACE
1F610	NEUTRAL FACE
1F611	EXPRESSIONLESS FACE
1F612	UNAMUSED FACE
1F613	FACE WITH COLD SWEAT
1F614	PENSIVE FACE
1F615	CONFUSED FACE
1F616	CONFOUNDED FACE
1F617	KISSING FACE
1F618	FACE THROWING A KISS
1F619	KISSING FACE WITH SMILING EYES
1F61A	KISSING FACE WITH CLOSED EYES
1F61B	FACE WITH STUCK-OUT TONGUE
1F61C	FACE WITH STUCK-OUT TONGUE AND WINKING EYE
1F61D	FACE WITH STUCK-OUT TONGUE AND TIGHTLY-CLOSED EYES

Code	Character name
1F61E	DISAPPOINTED FACE
1F61F	WORRIED FACE
1F620	ANGRY FACE
1F621	POUTING FACE
1F622	CRYING FACE
1F623	PERSEVERING FACE
1F624	FACE WITH LOOK OF TRIUMPH
1F625	DISAPPOINTED BUT RELIEVED FACE
1F626	FROWNING FACE WITH OPEN MOUTH
1F627	ANGUISHED FACE
1F628	FEARFUL FACE
1F629	WEARY FACE
1F62A	SLEEPY FACE
1F62B	TIRED FACE
1F62C	GRIMACING FACE
1F62D	LOUDLY CRYING FACE
1F62E	FACE WITH OPEN MOUTH
1F62F	HUSHED FACE
1F630	FACE WITH OPEN MOUTH AND COLD SWEAT
1F631	FACE SCREAMING IN FEAR
1F632	ASTONISHED FACE
1F633	FLUSHED FACE
1F634	SLEEPING FACE
1F635	DIZZY FACE
1F636	FACE WITHOUT MOUTH
1F637	FACE WITH MEDICAL MASK
1F638	GRINNING CAT FACE WITH SMILING EYES
1F639	CAT FACE WITH TEARS OF JOY
1F63A	SMILING CAT FACE WITH OPEN MOUTH
1F63B	SMILING CAT FACE WITH HEART-SHAPED EYES
1F63C	CAT FACE WITH WRY SMILE
1F63D	KISSING CAT FACE WITH CLOSED EYES
1F63E	POUTING CAT FACE
1F63F	CRYING CAT FACE
1F640	WEARY CAT FACE
1F645	FACE WITH NO GOOD GESTURE
1F646	FACE WITH OK GESTURE

Code	Character name
1F647	PERSON BOWING DEEPLY
1F648	SEE-NO-EVIL MONKEY
1F649	HEAR-NO-EVIL MONKEY
1F64A	SPEAK-NO-EVIL MONKEY
1F64B	HAPPY PERSON RAISING ONE HAND
1F64C	PERSON RAISING BOTH HANDS IN CELEBRATION
1F64D	PERSON FROWNING
1F64E	PERSON WITH POUTING FACE
1F64F	PERSON WITH FOLDED HANDS
1F680	ROCKET
1F681	HELICOPTER
1F682	STEAM LOCOMOTIVE
1F683	RAILWAY CAR
1F684	HIGH-SPEED TRAIN
1F685	HIGH-SPEED TRAIN WITH BULLET NOSE
1F686	TRAIN
1F687	METRO
1F688	LIGHT RAIL
1F689	STATION
1F68A	TRAM
1F68B	TRAM CAR
1F68C	BUS
1F68D	ONCOMING BUS
1F68E	TROLLEYBUS
1F68F	BUS STOP
1F690	MINIBUS
1F691	AMBULANCE
1F692	FIRE ENGINE
1F693	POLICE CAR
1F694	ONCOMING POLICE CAR
1F695	TAXI
1F696	ONCOMING TAXI
1F697	AUTOMOBILE
1F698	ONCOMING AUTOMOBILE
1F699	RECREATIONAL VEHICLE
1F69A	DELIVERY TRUCK
1F69B	ARTICULATED LORRY

Code	Character name
1F69C	TRACTOR
1F69D	MONORAIL
1F69E	MOUNTAIN RAILWAY
1F69F	SUSPENSION RAILWAY
1F6A0	MOUNTAIN CABLEWAY
1F6A1	AERIAL TRAMWAY
1F6A2	SHIP
1F6A3	ROWBOAT
1F6A4	SPEEDBOAT
1F6A5	HORIZONTAL TRAFFIC LIGHT
1F6A6	VERTICAL TRAFFIC LIGHT
1F6A7	CONSTRUCTION SIGN
1F6A8	POLICE CARS REVOLVING LIGHT
1F6A9	TRIANGULAR FLAG ON POST
1F6AA	DOOR
1F6AB	NO ENTRY SIGN
1F6AC	SMOKING SYMBOL
1F6AD	NO SMOKING SYMBOL
1F6AE	PUT LITTER IN ITS PLACE SYMBOL
1F6AF	DO NOT LITTER SYMBOL
1F6B0	POTABLE WATER SYMBOL
1F6B1	NON-POTABLE WATER SYMBOL
1F6B2	BICYCLE
1F6B3	NO BICYCLES
1F6B4	BICYCLIST
1F6B5	MOUNTAIN BICYCLIST
1F6B6	PEDESTRIAN
1F6B7	NO PEDESTRIANS
1F6B8	CHILDREN CROSSING
1F6B9	MENS SYMBOL
1F6BA	WOMENS SYMBOL
1F6BB	RESTROOM
1F6BC	BABY SYMBOL
1F6BD	TOILET
1F6BE	WATER CLOSET
1F6BF	SHOWER
1F6C0	BATH

Code	Character name
1F6C1	BATHTUB
1F6C2	PASSPORT CONTROL
1F6C3	CUSTOMS
1F6C4	BAGGAGE CLAIM
1F6C5	LEFT LUGGAGE

Annex A Unicode code charts showing Apple Emoji/Emoticon implementation

0080

C1 Controls and Latin-1 Supplement

00FF

	008	009	00A	00B	00C	00D	00E	00F
0	XXX 0080	DCS 0090	NB SP 00A0	◦ 00B0	À 00C0	Ð 00D0	à 00E0	ð 00F0
1	XXX 0081	PU1 0091	ì 00A1	± 00B1	Á 00C1	Ñ 00D1	á 00E1	ñ 00F1
2	BPH 0082	PU2 0092	ç 00A2	² 00B2	Â 00C2	Ò 00D2	â 00E2	ò 00F2
3	NBH 0083	STS 0093	£ 00A3	³ 00B3	Ã 00C3	Ó 00D3	ã 00E3	ó 00F3
4	IND 0084	CCH 0094	¤ 00A4	´ 00B4	Ä 00C4	Ô 00D4	ä 00E4	ô 00F4
5	NEL 0085	MW 0095	¥ 00A5	µ 00B5	Å 00C5	Õ 00D5	å 00E5	õ 00F5
6	SSA 0086	SPA 0096	¦ 00A6	¶ 00B6	Æ 00C6	Ö 00D6	æ 00E6	ö 00F6
7	ESA 0087	EPA 0097	§ 00A7	· 00B7	Ç 00C7	× 00D7	ç 00E7	÷ 00F7
8	HTS 0088	SOS 0098	¨ 00A8	¸ 00B8	È 00C8	Ø 00D8	è 00E8	ø 00F8
9	HTJ 0089	XXX 0099	© 00A9	¹ 00B9	É 00C9	Ù 00D9	é 00E9	ù 00F9
A	VTS 008A	SCI 009A	à 00AA	º 00BA	Ê 00CA	Ú 00DA	ê 00EA	ú 00FA
B	PLD 008B	CSI 009B	« 00AB	» 00BB	Ë 00CB	Û 00DB	ë 00EB	û 00FB
C	PLU 008C	ST 009C	¬ 00AC	¼ 00BC	Ì 00CC	Ü 00DC	ì 00EC	ü 00FC
D	RI 008D	OSC 009D	SHY 00AD	½ 00BD	Í 00CD	Ý 00DD	í 00ED	ý 00FD
E	SS2 008E	PM 009E	® 00AE	¾ 00BE	Î 00CE	Þ 00DE	î 00EE	þ 00FE
F	SS3 008F	APC 009F	– 00AF	¿ 00BF	Ï 00CF	ß 00DF	ï 00EF	ÿ 00FF

0080

C1 Controls and Latin-1 Supplement

00AE

C1 controls

Alias names are those for ISO/IEC 6429:1992.

- 0080 XXX <control>
- 0081 XXX <control>
- 0082 BPH <control>
 = BREAK PERMITTED HERE
 → 200B ZWSP zero width space
- 0083 NBH <control>
 = NO BREAK HERE
 → 2060 WJ word joiner
- 0084 IND <control>
 • formerly known as INDEX
- 0085 NEL <control>
 = NEXT LINE (NEL)
- 0086 SSA <control>
 = START OF SELECTED AREA
- 0087 ESA <control>
 = END OF SELECTED AREA
- 0088 HTS <control>
 = CHARACTER TABULATION SET
- 0089 HTJ <control>
 = CHARACTER TABULATION WITH JUSTIFICATION
- 008A VTS <control>
 = LINE TABULATION SET
- 008B PLD <control>
 = PARTIAL LINE FORWARD
- 008C PLU <control>
 = PARTIAL LINE BACKWARD
- 008D RI <control>
 = REVERSE LINE FEED
- 008E SS2 <control>
 = SINGLE SHIFT TWO
- 008F SS3 <control>
 = SINGLE SHIFT THREE
- 0090 DCS <control>
 = DEVICE CONTROL STRING
- 0091 PU1 <control>
 = PRIVATE USE ONE
- 0092 PU2 <control>
 = PRIVATE USE TWO
- 0093 STS <control>
 = SET TRANSMIT STATE
- 0094 CCH <control>
 = CANCEL CHARACTER
- 0095 MW <control>
 = MESSAGE WAITING
- 0096 SPA <control>
 = START OF GUARDED AREA
- 0097 EPA <control>
 = END OF GUARDED AREA
- 0098 SOS <control>
 = START OF STRING
- 0099 XXX <control>
- 009A SCI <control>
 = SINGLE CHARACTER INTRODUCER
- 009B CSI <control>
 = CONTROL SEQUENCE INTRODUCER
- 009C ST <control>
 = STRING TERMINATOR
- 009D OSC <control>
 = OPERATING SYSTEM COMMAND
- 009E PM <control>
 = PRIVACY MESSAGE
- 009F APC <control>
 = APPLICATION PROGRAM COMMAND

Latin-1 punctuation and symbols











































Based on ISO/IEC 8859-1 (aka Latin-1) from here.

- 00A0 NBSP NO-BREAK SPACE
 • commonly abbreviated as NBSP
 → 0020 SP space
 → 2007 FS figure space
 → 202F NNSP narrow no-break space
 → 2060 WJ word joiner
 → FEFF ZWNB zero width no-break space
 ≈ <noBreak> 0020 SP
- 00A1 i INVERTED EXCLAMATION MARK
 • Spanish, Asturian, Galician
 → 0021 ! exclamation mark
- 00A2 ¢ CENT SIGN
- 00A3 £ POUND SIGN
 = pound sterling, Irish punt, Italian lira, Turkish lira, etc.
 → 20A4 £ lira sign
 → 10192 ℥ roman semuncia sign
- 00A4 ¤ CURRENCY SIGN
 • other currency symbol characters:
 20A0 ₯ – 20B9 ₹
 → 0024 \$ dollar sign
- 00A5 ¥ YEN SIGN
 = yuan sign
 • glyph may have one or two crossbars
- 00A6 | BROKEN BAR
 = broken vertical bar (1.0)
 = parted rule (in typography)
- 00A7 § SECTION SIGN
 • paragraph sign in some European usage
- 00A8 ¨ DIAERESIS
 • this is a spacing character
 → 0308 ö combining diaeresis
 ≈ 0020 SP 0308 ö
- 00A9 © COPYRIGHT SIGN
 → 2117 Ⓒ sound recording copyright
 → 24B8 © circled latin capital letter c
- 00AA ª FEMININE ORDINAL INDICATOR
 • Spanish
 ≈ <super> 0061 a
- 00AB « LEFT-POINTING DOUBLE ANGLE QUOTATION MARK
 = left guillemet
 = chevrons (in typography)
 • usually opening, sometimes closing
 → 226A « much less-than
 → 300A « left double angle bracket
- 00AC ¬ NOT SIGN
 = angled dash (in typography)
 → 2310 ¬ reversed not sign
- 00AD - SOFT HYPHEN
 = discretionary hyphen
 • commonly abbreviated as SHY
- 00AE ® REGISTERED SIGN
 = registered trade mark sign (1.0)
 → 24C7 ® circled latin capital letter r

2000

General Punctuation

206F

	200	201	202	203	204	205	206
0	 2000	— 2010	✝ 2020	% 2030	— 2040	☺ 2050	 2060
1	 2001	 2011	✝ 2021	% 2031	∧ 2041	* 2051	 2061
2	 2002	— 2012	● 2022	' 2032	* 2042	% 2052	 2062
3	 2003	— 2013	▶ 2023	" 2033	■ 2043	~ 2053	 2063
4	 2004	— 2014	• 2024	"" 2034	/ 2044	— 2054	 2064
5	 2005	— 2015	•• 2025	' 2035	[2045	* 2055	
6	 2006	 2016	••• 2026	" 2036] 2046	∴ 2056	
7	 2007	= 2017	• 2027	"" 2037	?? 2047	"" 2057	
8	 2008	‘ 2018	 2028	^ 2038	?! 2048	∴ 2058	
9	 2009	’ 2019	 2029	< 2039	!? 2049	∴ 2059	
A	 200A	, 201A	 202A	> 203A	7 204A	• 205A	 206A
B	 200B	◌ 201B	 202B	⊗ 203B	ℙ 204B	∴ 205B	 206B
C	 200C	“ 201C	 202C	!! 203C	◌ 204C	⦿ 205C	 206C
D	 200D	” 201D	 202D	!? 203D	ℙ 204D	∴ 205D	 206D
E	 200E	” 201E	 202E	— 203E	* 204E	∴ 205E	 206E
F	 200F	“ 201F	 202F	— 203F	• 204F	 205F	 206F

2037

General Punctuation

2059

- 2037 [™] REVERSED TRIPLE PRIME
 ≈ 2035 ` 2035 ` 2035 `
- 2038 [^] CARET
 → 2303 [^] up arrowhead
 → A788 _˘ modifier letter low circumflex accent

Quotation marks

- 2039 [<] SINGLE LEFT-POINTING ANGLE QUOTATION MARK
 = left pointing single guillemet
 • usually opening, sometimes closing
 → 003C [<] less-than sign
 → 2329 [<] left-pointing angle bracket
 → 3008 [<] left angle bracket
- 203A [>] SINGLE RIGHT-POINTING ANGLE QUOTATION MARK
 = right pointing single guillemet
 • usually closing, sometimes opening
 → 003E [>] greater-than sign
 → 232A [>] right-pointing angle bracket
 → 3009 [>] right angle bracket

General punctuation

- 203B [※] REFERENCE MARK
 = Japanese kome
 = Urdu paragraph separator
 → 0FBF [※] tibetan ku ru kha bzhi mig can
 → 200AD [※] cjk unified ideograph-200AD

Double punctuation for vertical text

- 203C ^{!!} DOUBLE EXCLAMATION MARK
 → 0021 ! exclamation mark
 ≈ 0021 ! 0021 !

General punctuation

- 203D [?] INTERROBANG
 → 0021 ! exclamation mark
 → 003F ? question mark
 → 2E18 [¡] inverted interrobang
- 203E [—] OVERLINE
 = spacing overscore
 ≈ 0020 ^{sp} 0305 ^o
- 203F [˘] UNDERTIE
 = Greek enotikon
 → 2323 [~] smile
- 2040 ^ˆ CHARACTER TIE
 = z notation sequence concatenation
 → 2322 ^ˆ frown
- 2041 [˘] CARET INSERTION POINT
 • proofreader's mark: insert here
 → 22CC [<] right semidirect product
- 2042 [※] ASTERISM
- 2043 [▪] HYPHEN BULLET
- 2044 [/] FRACTION SLASH
 = solidus (in typography)
 • for composing arbitrary fractions
 → 002F / solidus
 → 2215 / division slash
- 2045 [[] LEFT SQUARE BRACKET WITH QUILL
- 2046 []] RIGHT SQUARE BRACKET WITH QUILL

Double punctuation for vertical text

- 2047 ^{??} DOUBLE QUESTION MARK
 ≈ 003F ? 003F ?
- 2048 ^{?!} QUESTION EXCLAMATION MARK
 ≈ 003F ? 0021 !
- 2049 ^{!?} EXCLAMATION QUESTION MARK
 ≈ 0021 ! 003F ?

General punctuation

- 204A ^ˆ TIRONIAN SIGN ET
 • Irish Gaelic, Old English, ...
 → 0026 & ampersand
- 204B [‡] REVERSED PILCROW SIGN
 → 00B6 [¶] pilcrow sign
- 204C [◄] BLACK LEFTWARDS BULLET
- 204D [►] BLACK RIGHTWARDS BULLET
- 204E ^{*} LOW ASTERISK
 → 002A * asterisk
 → 0359 [◌] combining asterisk below
- 204F [;] REVERSED SEMICOLON
 → 003B ; semicolon
- 2050 [⌢] CLOSE UP
 • editing mark
- 2051 [※] TWO ASTERISKS ALIGNED VERTICALLY
- 2052 [/] COMMERCIAL MINUS SIGN
 = abzÄ glich (German), med avdrag av (Swedish), piska (Swedish, "whip")
 • a common glyph variant and fallback representation looks like ./.
 • may also be used as a dingbat to indicate correctness
 • used in Finno-Ugric Phonetic Alphabet to indicate a related borrowed form with different sound
 → 0025 % percent sign
 → 066A [/] arabic percent sign
- 2053 [~] SWUNG DASH
 → 007E ~ tilde
- 2054 [˘] INVERTED UNDERTIE
- 2055 ^{*} FLOWER PUNCTUATION MARK
 = phul, puspika
 • used as a punctuation mark with Syloti Nagri, Bengali and other Indic scripts
 → 274B ^{*} heavy eight teardrop-spoked propeller asterisk

Archaic punctuation

- 2056 [∴] THREE DOT PUNCTUATION

General punctuation

- 2057 ^{″″} QUADRUPLE PRIME
 ≈ 2032 ' 2032 ' 2032 ' 2032 '


































Archaic punctuation

- 2058 [∴] FOUR DOT PUNCTUATION
- 2059 [∴] FIVE DOT PUNCTUATION
 = Greek pentonkion
 = quincunx
 → 2684 [⊠] die face-5

20D0

Combining Diacritical Marks for Symbols

20FF

	20D	20E	20F
0	 20D0	 20E0	 20F0
1	 20D1	 20E1	Hatched area
2	 20D2	 20E2	
3	 20D3	 20E3	Hatched area
4	 20D4	 20E4	
5	 20D5	 20E5	Hatched area
6	 20D6	 20E6	
7	 20D7	 20E7	Hatched area
8	 20D8	 20E8	
9	 20D9	 20E9	Hatched area
A	 20DA	 20EA	
B	 20DB	 20EB	Hatched area
C	 20DC	 20EC	
D	 20DD	 20ED	Hatched area
E	 20DE	 20EE	
F	 20DF	 20EF	Hatched area

20D0 Combining Diacritical Marks for Symbols 20F0

Combining diacritical marks for symbols

20D0	◌̈	COMBINING LEFT HARPOON ABOVE
20D1	◌̉	COMBINING RIGHT HARPOON ABOVE • vector
20D2	◌‡	COMBINING LONG VERTICAL LINE OVERLAY • negation
20D3	◌‡	COMBINING SHORT VERTICAL LINE OVERLAY • occasional variant for negation
20D4	◌̸	COMBINING ANTICLOCKWISE ARROW ABOVE
20D5	◌̹	COMBINING CLOCKWISE ARROW ABOVE • rotation
20D6	◌̸	COMBINING LEFT ARROW ABOVE
20D7	◌̹	COMBINING RIGHT ARROW ABOVE • vector
20D8	◌̉	COMBINING RING OVERLAY
20D9	◌̈	COMBINING CLOCKWISE RING OVERLAY
20DA	◌̉	COMBINING ANTICLOCKWISE RING OVERLAY
20DB	◌̈	COMBINING THREE DOTS ABOVE = third derivative
20DC	◌̈	COMBINING FOUR DOTS ABOVE = fourth derivative

Enclosing diacritics

20DD	◌⊙	COMBINING ENCLOSING CIRCLE = JIS composition circle = Cyrillic combining ten thousands sign → 25CB ◯ white circle → 25EF ◯ large circle → 3007 ◯ ideographic number zero
20DE	◌◻	COMBINING ENCLOSING SQUARE → 25A1 ◻ white square
20DF	◌◊	COMBINING ENCLOSING DIAMOND → 25C7 ◊ white diamond
20E0	◌⊘	COMBINING ENCLOSING CIRCLE BACKSLASH • prohibition

Additional diacritical mark for symbols

20E1	◌̈	COMBINING LEFT RIGHT ARROW ABOVE • tensor
------	----	--

Additional enclosing diacritics

20E2	◌⊞	COMBINING ENCLOSING SCREEN → 239A ⊞ clear screen symbol
20E3	◌⊠	COMBINING ENCLOSING KEYCAP
20E4	◌⊡	COMBINING ENCLOSING UPWARD POINTING TRIANGLE → 25B3 △ white up-pointing triangle

Additional diacritical marks for symbols

20E5	◌\	COMBINING REVERSE SOLIDUS OVERLAY → 005C \ reverse solidus
20E6	◌‡	COMBINING DOUBLE VERTICAL STROKE OVERLAY = z notation finite function diacritic → 2016 ‡ double vertical line
20E7	◌㇀	COMBINING ANNUITY SYMBOL = actuarial bend → 2309 1 right ceiling
20E8	◌̇̇̇	COMBINING TRIPLE UNDERDOT

20E9	◌̈	COMBINING WIDE BRIDGE ABOVE = contraction operator • extends the full width of the base character → 0346 ◌̈ combining bridge above
20EA	◌↵	COMBINING LEFTWARDS ARROW OVERLAY → 2190 ↵ leftwards arrow
20EB	◌‡	COMBINING LONG DOUBLE SOLIDUS OVERLAY = long double slash overlay
20EC	◌̈	COMBINING RIGHTWARDS HARPOON WITH BARB DOWNWARDS
20ED	◌̈	COMBINING LEFTWARDS HARPOON WITH BARB DOWNWARDS
20EE	◌̈	COMBINING LEFT ARROW BELOW
20EF	◌̈	COMBINING RIGHT ARROW BELOW
20F0	◌̈	COMBINING ASTERISK ABOVE

2100

Letterlike Symbols

214F

	210	211	212	213	214
0	<i>a/c</i> 2100	<i>J</i> 2110	SM 2120	<i>E</i> 2130	Σ 2140
1	<i>a/s</i> 2101	<i>J</i> 2111	TEL 2121	<i>F</i> 2131	<i>G</i> 2141
2	<i>C</i> 2102	<i>L</i> 2112	TM 2122	<i>H</i> 2132	<i>I</i> 2142
3	$^{\circ}$ C 2103	<i>l</i> 2113	<i>V</i> 2123	<i>M</i> 2133	<i>J</i> 2143
4	<i>¢</i> 2104	<i>W</i> 2114	<i>Z</i> 2124	<i>o</i> 2134	<i>^</i> 2144
5	<i>%</i> 2105	<i>N</i> 2115	<i>z</i> 2125	<i>X</i> 2135	<i>D</i> 2145
6	<i>%u</i> 2106	<i>N_o</i> 2116	Ω 2126	<i>U</i> 2136	<i>d</i> 2146
7	<i>E</i> 2107	$\text{\textcircled{P}}$ 2117	$\text{\textcircled{U}}$ 2127	<i>^</i> 2137	<i>e</i> 2147
8	<i>Ð</i> 2108	<i>ø</i> 2118	<i>3</i> 2128	<i>7</i> 2138	<i>ii</i> 2148
9	$^{\circ}$ F 2109	$\text{\textcircled{P}}$ 2119	<i>ı</i> 2129	i 2139	<i>j</i> 2149
A	<i>g</i> 210A	<i>Q</i> 211A	<i>K</i> 212A	<i>O</i> 213A	<i>¢</i> 214A
B	<i>H</i> 210B	<i>R</i> 211B	<i>Å</i> 212B	FAX 213B	<i>W</i> 214B
C	<i>h</i> 210C	<i>X</i> 211C	<i>B</i> 212C	π 213C	<i>W</i> 214C
D	$\text{\textcircled{H}}$ 210D	$\text{\textcircled{R}}$ 211D	$\text{\textcircled{C}}$ 212D	γ 213D	<i>A/s</i> 214D
E	<i>h</i> 210E	<i>R</i> 211E	<i>e</i> 212E	$\text{\textcircled{I}}$ 213E	<i>H</i> 214E
F	<i>h</i> 210F	<i>R</i> 211F	<i>e</i> 212F	$\text{\textcircled{I}}$ 213F	<i>lll</i> 214F

2100

Letterlike Symbols

2123

Letterlike symbols

Some of the letterlike symbols are intended to complete the set of mathematical alphanumeric symbols starting at U+1D400.

2100	%	ACCOUNT OF ≈ 0061 a 002F / 0063 c	2113	ℓ	SCRIPT SMALL L = mathematical symbol 'ell' = liter (traditional symbol) • despite its character name, this symbol is derived from a special italicized version of the small letter l • the SI recommended symbol for liter is 006C I or 004C L → 1D4C1 / mathematical script small l ≈ 006C I latin small letter l
2101	‰	ADDRESSED TO THE SUBJECT → 214D ‰ aktieselskab ≈ 0061 a 002F / 0073 s	2114	£	L B BAR SYMBOL = pounds → 0023 # number sign
2102	ℂ	DOUBLE-STRUCK CAPITAL C = the set of complex numbers ≈ 0043 C latin capital letter c	2115	ℕ	DOUBLE-STRUCK CAPITAL N = natural number • a glyph variant with doubled vertical strokes exists ≈ 004E N latin capital letter n
2103	°C	DEGREE CELSIUS = degrees Centigrade ≈ 00B0 ° 0043 C	2116	№	NUMERO SIGN ≈ 004E N 006F o
2104	☼	CENTRE LINE SYMBOL = clone	2117	©	SOUND RECORDING COPYRIGHT = published = phonorecord sign → 00A9 © copyright sign → 24C5 © circled latin capital letter p
2105	%	CARE OF ≈ 0063 c 002F / 006F o	2118	℔	SCRIPT CAPITAL P × WEIERSTRASS ELLIPTIC FUNCTION • actually this has the form of a lowercase calligraphic p, despite its name
2106	‰	CADA UNA ≈ 0063 c 002F / 0075 u	2119	ℙ	DOUBLE-STRUCK CAPITAL P ≈ 0050 P latin capital letter p
2107	ℰ	EULER CONSTANT → 0045 E latin capital letter e ≈ 0190 ℰ latin capital letter open e	211A	ℚ	DOUBLE-STRUCK CAPITAL Q = the set of rational numbers ≈ 0051 Q latin capital letter q
2108	Ⓢ	SCRUPLE	211B	ℛ	SCRIPT CAPITAL R = Riemann Integral ≈ 0052 R latin capital letter r
2109	°F	DEGREE FAHRENHEIT ≈ 00B0 ° 0046 F	211C	℞	BLACK-LETTER CAPITAL R = real part ≈ 0052 R latin capital letter r
210A	ƒ	SCRIPT SMALL G = real number symbol ≈ 0067 g latin small letter g	211D	ℝ	DOUBLE-STRUCK CAPITAL R = the set of real numbers ≈ 0052 R latin capital letter r
210B	ℋ	SCRIPT CAPITAL H = Hamiltonian operator ≈ 0048 H latin capital letter h	211E	℞	PRESCRIPTION TAKE = recipe = cross ratio
210C	ℋ	BLACK-LETTER CAPITAL H = Hilbert space ≈ 0048 H latin capital letter h	211F	℞	RESPONSE
210D	ℋ	DOUBLE-STRUCK CAPITAL H ≈ 0048 H latin capital letter h	2120	SM	SERVICE MARK ≈ <sup> 0053 S 004D M
210E	h	PLANCK CONSTANT = height, specific enthalpy, ... • simply a mathematical italic h; this character's name results from legacy usage ≈ 0068 h latin small letter h	2121	TEL	TELEPHONE SIGN • typical forms for this symbol may use lower case, small caps or superscripted letter shapes → 260E ☎ black telephone → 2706 📍 telephone location sign → 1F4DE 📞 telephone receiver ≈ 0054 T 0045 E 004C L
210F	ħ	PLANCK CONSTANT OVER TWO PI → 045B ħ cyrillic small letter tshe ≈ 0127 ħ latin small letter h with stroke	2122	TM	TRADE MARK SIGN → 1F12E ™ circled wz ≈ <sup> 0054 T 004D M
2110	ℐ	SCRIPT CAPITAL I ≈ 0049 I latin capital letter i	2123	℣	VERSICLE
2111	ℑ	BLACK-LETTER CAPITAL I = imaginary part ≈ 0049 I latin capital letter i			
2112	ℒ	SCRIPT CAPITAL L = Laplace transform ≈ 004C L latin capital letter l			

2124

Letterlike Symbols

2144

- 2124 ℤ DOUBLE-STRUCK CAPITAL Z
 = the set of integers
 ≈ 005A Z latin capital letter z
- 2125 ͜ OUNCE SIGN
 → 0292 ͝ latin small letter ezh
 → 1F773 ͞ alchemical symbol for half ounce
- 2126 Ω OHM SIGN
 • SI unit of resistance, named after G. S. Ohm, German physicist
 • preferred representation is 03A9 Ω
 → 260A Ω ascending node
 ≡ 03A9 Ω greek capital letter omega
- 2127 ∅ INVERTED OHM SIGN
 = mho
 • archaic unit of conductance (= the SI unit siemens)
 • typographically a turned greek capital letter omega
 → 01B1 ∅ latin capital letter upsilon
 → 03A9 Ω greek capital letter omega
 → 260B ∅ descending node
- 2128 Ƶ BLACK-LETTER CAPITAL Z
 ≈ 005A Z latin capital letter z
- 2129 ι TURNED GREEK SMALL LETTER IOTA
 • unique element fulfilling a description (logic)
 → 03B9 ι greek small letter iota
- 212A K KELVIN SIGN
 ≡ 004B K latin capital letter k
- 212B Å ÅNGSTROM SIGN
 • non SI length unit (=0.1 nm) named after A. J. Ångström, Swedish physicist
 • preferred representation is 00C5 Å
 ≡ 00C5 Å latin capital letter a with ring above
- 212C ℬ SCRIPT CAPITAL B
 = Bernoulli function
 ≈ 0042 B latin capital letter b
- 212D Ɔ BLACK-LETTER CAPITAL C
 ≈ 0043 C latin capital letter c
- 212E e ESTIMATED SYMBOL
 • used in European packaging
 → 0065 e latin small letter e
- 212F e SCRIPT SMALL E
 = error
 = natural exponent
 ≈ 0065 e latin small letter e
- 2130 ℰ SCRIPT CAPITAL E
 = emf (electromotive force)
 ≈ 0045 E latin capital letter e
- 2131 ℱ SCRIPT CAPITAL F
 = Fourier transform
 ≈ 0046 F latin capital letter f
- 2132 Ϳ TURNED CAPITAL F
 = Claudian digamma inversum
 • lowercase is 214E ͽ
 → 0046 F latin capital letter f
 → 03DC Ϝ greek letter digamma

- 2133 ℳ SCRIPT CAPITAL M
 = M-matrix (physics)
 = German Mark currency symbol, before WWII
 • when used for the Mark symbol, the range of glyph variation is restricted
 ≈ 004D M latin capital letter m
- 2134 o SCRIPT SMALL O
 = order, of inferior order to
 ≈ 006F o latin small letter o

Hebrew letterlike math symbols

These are left-to-right characters.

- 2135 א ALEF SYMBOL
 = first transfinite cardinal (countable)
 ≈ 05D0 א hebrew letter alef
- 2136 ב BET SYMBOL
 = second transfinite cardinal (the continuum)
 ≈ 05D1 ב hebrew letter bet
- 2137 ג GIMEL SYMBOL
 = third transfinite cardinal (functions of a real variable)
 ≈ 05D2 ג hebrew letter gimel
- 2138 ד DALET SYMBOL
 = fourth transfinite cardinal
 ≈ 05D3 ד hebrew letter dalet

Additional letterlike symbols

- 2139 i INFORMATION SOURCE
 • intended for use with 20DD ☺
 ≈ 0069 i latin small letter i
- 213A Q ROTATED CAPITAL Q
 • a binding signature mark
- 213B FAX FACSIMILE SIGN
 • typical forms for this symbol may use lower case, small caps or superscripted letter shapes
 → 2121 TEL telephone sign
 → 1F4E0 ☎ fax machine
 ≈ 0046 F 0041 A 0058 X
- 213C π DOUBLE-STRUCK SMALL PI
 ≈ 03C0 π greek small letter pi
- 213D γ DOUBLE-STRUCK SMALL GAMMA
 ≈ 03B3 γ greek small letter gamma
- 213E Γ DOUBLE-STRUCK CAPITAL GAMMA
 ≈ 0393 Γ greek capital letter gamma
- 213F Π DOUBLE-STRUCK CAPITAL PI
 ≈ 03A0 Π greek capital letter pi

Double-struck large operator

- 2140 ∑ DOUBLE-STRUCK N-ARY SUMMATION
 ≈ 2211 ∑ n-ary summation

















































































































Additional letterlike symbols

- 2141 G TURNED SANS-SERIF CAPITAL G
 = game
- 2142 L TURNED SANS-SERIF CAPITAL L
- 2143 J REVERSED SANS-SERIF CAPITAL L
- 2144 Y TURNED SANS-SERIF CAPITAL Y

2190

Arrows

21FF

	219	21A	21B	21C	21D	21E	21F
0	 2190	 21A0	 21B0	 21C0	 21D0	 21E0	 21F0
1	 2191	 21A1	 21B1	 21C1	 21D1	 21E1	 21F1
2	 2192	 21A2	 21B2	 21C2	 21D2	 21E2	 21F2
3	 2193	 21A3	 21B3	 21C3	 21D3	 21E3	 21F3
4	 2194	 21A4	 21B4	 21C4	 21D4	 21E4	 21F4
5	 2195	 21A5	 21B5	 21C5	 21D5	 21E5	 21F5
6	 2196	 21A6	 21B6	 21C6	 21D6	 21E6	 21F6
7	 2197	 21A7	 21B7	 21C7	 21D7	 21E7	 21F7
8	 2198	 21A8	 21B8	 21C8	 21D8	 21E8	 21F8
9	 2199	 21A9	 21B9	 21C9	 21D9	 21E9	 21F9
A	 219A	 21AA	 21BA	 21CA	 21DA	 21EA	 21FA
B	 219B	 21AB	 21BB	 21CB	 21DB	 21EB	 21FB
C	 219C	 21AC	 21BC	 21CC	 21DC	 21EC	 21FC
D	 219D	 21AD	 21BD	 21CD	 21DD	 21ED	 21FD
E	 219E	 21AE	 21BE	 21CE	 21DE	 21EE	 21FE
F	 219F	 21AF	 21BF	 21CF	 21DF	 21EF	 21FF

2190

Arrows

21D5

Simple arrows

2190	←	LEFTWARDS ARROW → 20EA ⇌ combining leftwards arrow overlay
2191	↑	UPWARDS ARROW • IPA: egressive airflow
2192	→	RIGHTWARDS ARROW = z notation total function
2193	↓	DOWNWARDS ARROW • IPA: ingressive airflow
2194	↔	LEFT RIGHT ARROW = z notation relation
2195	↕	UP DOWN ARROW
2196	↖	NORTH WEST ARROW
2197	↗	NORTH EAST ARROW
2198	↘	SOUTH EAST ARROW
2199	↙	SOUTH WEST ARROW

Arrows with modifications

219A	↵	LEFTWARDS ARROW WITH STROKE • negation of 2190 ← ≡ 2190 ← 0338 ϕ
219B	↶	RIGHTWARDS ARROW WITH STROKE • negation of 2192 → ≡ 2192 → 0338 ϕ
219C	↵	LEFTWARDS WAVE ARROW → 2B3F ↶ wave arrow pointing directly left
219D	↶	RIGHTWARDS WAVE ARROW
219E	↔	LEFTWARDS TWO HEADED ARROW = fast cursor left
219F	↕	UPWARDS TWO HEADED ARROW = fast cursor up
21A0	↔	RIGHTWARDS TWO HEADED ARROW = z notation total surjection = fast cursor right
21A1	↕	DOWNWARDS TWO HEADED ARROW = form feed = fast cursor down
21A2	↵	LEFTWARDS ARROW WITH TAIL
21A3	↶	RIGHTWARDS ARROW WITH TAIL = z notation total injection
21A4	↵	LEFTWARDS ARROW FROM BAR
21A5	↶	UPWARDS ARROW FROM BAR
21A6	↶	RIGHTWARDS ARROW FROM BAR = z notation maplet
21A7	↵	DOWNWARDS ARROW FROM BAR = depth symbol
21A8	↕	UP DOWN ARROW WITH BASE
21A9	↵	LEFTWARDS ARROW WITH HOOK
21AA	↶	RIGHTWARDS ARROW WITH HOOK
21AB	↵	LEFTWARDS ARROW WITH LOOP
21AC	↶	RIGHTWARDS ARROW WITH LOOP
21AD	↔	LEFT RIGHT WAVE ARROW
21AE	↵	LEFT RIGHT ARROW WITH STROKE • negation of 2194 ↔ ≡ 2194 ↔ 0338 ϕ
21AF	↵	DOWNWARDS ZIGZAG ARROW = electrolysis

Arrows with bent tips

Other arrows with bent tips to complete this set can be found in the *Miscellaneous Symbols and Arrows* block.

21B0	↶	UPWARDS ARROW WITH TIP LEFTWARDS
21B1	↷	UPWARDS ARROW WITH TIP RIGHTWARDS
21B2	↵	DOWNWARDS ARROW WITH TIP LEFTWARDS

21B3	↵	DOWNWARDS ARROW WITH TIP RIGHTWARDS
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Keyboard symbols and circle arrows

21B4	↵	RIGHTWARDS ARROW WITH CORNER DOWNWARDS = line feed
21B5	↵	DOWNWARDS ARROW WITH CORNER LEFTWARDS • may indicate a carriage return or new line → 23CE ↵ return symbol
21B6	↶	ANTICLOCKWISE TOP SEMICIRCLE ARROW
21B7	↷	CLOCKWISE TOP SEMICIRCLE ARROW
21B8	↶	NORTH WEST ARROW TO LONG BAR = home
21B9	↵	LEFTWARDS ARROW TO BAR OVER RIGHTWARDS ARROW TO BAR = tab with shift tab
21BA	↶	ANTICLOCKWISE OPEN CIRCLE ARROW
21BB	↷	CLOCKWISE OPEN CIRCLE ARROW

Harpoons

21BC	↵	LEFTWARDS HARPOON WITH BARB UPWARDS
21BD	↵	LEFTWARDS HARPOON WITH BARB DOWNWARDS
21BE	↶	UPWARDS HARPOON WITH BARB RIGHTWARDS
21BF	↶	UPWARDS HARPOON WITH BARB LEFTWARDS
21C0	↶	RIGHTWARDS HARPOON WITH BARB UPWARDS
21C1	↶	RIGHTWARDS HARPOON WITH BARB DOWNWARDS
21C2	↵	DOWNWARDS HARPOON WITH BARB RIGHTWARDS
21C3	↵	DOWNWARDS HARPOON WITH BARB LEFTWARDS

Paired arrows and harpoons

21C4	↔	RIGHTWARDS ARROW OVER LEFTWARDS ARROW
21C5	↕	UPWARDS ARROW LEFTWARDS OF DOWNWARDS ARROW
21C6	↔	LEFTWARDS ARROW OVER RIGHTWARDS ARROW
21C7	↔	LEFTWARDS PAIRED ARROWS
21C8	↕	UPWARDS PAIRED ARROWS
21C9	↔	RIGHTWARDS PAIRED ARROWS
21CA	↕	DOWNWARDS PAIRED ARROWS
21CB	↔	LEFTWARDS HARPOON OVER RIGHTWARDS HARPOON
21CC	↔	RIGHTWARDS HARPOON OVER LEFTWARDS HARPOON

Double arrows

21CD	↔	LEFTWARDS DOUBLE ARROW WITH STROKE • negation of 21D0 ⇌ ≡ 21D0 ⇌ 0338 ϕ
21CE	↔	LEFT RIGHT DOUBLE ARROW WITH STROKE • negation of 21D4 ⇌ ≡ 21D4 ⇌ 0338 ϕ
21CF	↔	RIGHTWARDS DOUBLE ARROW WITH STROKE • negation of 21D2 ⇌ ≡ 21D2 ⇌ 0338 ϕ
21D0	⇌	LEFTWARDS DOUBLE ARROW
21D1	↕	UPWARDS DOUBLE ARROW
21D2	↔	RIGHTWARDS DOUBLE ARROW
21D3	↕	DOWNWARDS DOUBLE ARROW
21D4	⇌	LEFT RIGHT DOUBLE ARROW
21D5	↕	UP DOWN DOUBLE ARROW

2300

Miscellaneous Technical

23FF

	230	231	232	233	234	235	236	237	238	239	23A	23B	23C	23D	23E	23F
0	2300	2310	2320	2330	2340	2350	2360	2370	2380	2390	23A0	23B0	23C0	23D0	23E0	23F0
1	2301	2311	2321	2331	2341	2351	2361	2371	2381	2391	23A1	23B1	23C1	23D1	23E1	23F1
2	2302	2312	2322	2332	2342	2352	2362	2372	2382	2392	23A2	23B2	23C2	23D2	23E2	23F2
3	2303	2313	2323	2333	2343	2353	2363	2373	2383	2393	23A3	23B3	23C3	23D3	23E3	23F3
4	2304	2314	2324	2334	2344	2354	2364	2374	2384	2394	23A4	23B4	23C4	23D4	23E4	
5	2305	2315	2325	2335	2345	2355	2365	2375	2385	2395	23A5	23B5	23C5	23D5	23E5	
6	2306	2316	2326	2336	2346	2356	2366	2376	2386	2396	23A6	23B6	23C6	23D6	23E6	
7	2307	2317	2327	2337	2347	2357	2367	2377	2387	2397	23A7	23B7	23C7	23D7	23E7	
8	2308	2318	2328	2338	2348	2358	2368	2378	2388	2398	23A8	23B8	23C8	23D8	10	23E8
9	2309	2319	2329	2339	2349	2359	2369	2379	2389	2399	23A9	23B9	23C9	23D9	23E9	
A	230A	231A	232A	233A	234A	235A	236A	237A	238A	239A	23AA	23BA	23CA	23DA	23EA	
B	230B	231B	232B	233B	234B	235B	236B	237B	238B	239B	23AB	23BB	23CB	23DB	23EB	
C	230C	231C	232C	233C	234C	235C	236C	237C	238C	239C	23AC	23BC	23CC	23DC	23EC	
D	230D	231D	232D	233D	234D	235D	236D	237D	238D	239D	23AD	23BD	23CD	23DD	23ED	
E	230E	231E	232E	233E	234E	235E	236E	237E	238E	239E	23AE	23BE	23CE	23DE	23EE	
F	230F	231F	232F	233F	234F	235F	236F	237F	238F	239F	23AF	23BF	23CF	23DF	23EF	

2300

Miscellaneous Technical

2329

Miscellaneous technical

2300	∅	DIAMETER SIGN → 2205 ∅ empty set
2301	↘	ELECTRIC ARROW • from ISO 2047 • symbol for End of Transmission
2302	🏠	HOUSE
2303	^	UP ARROWHEAD → 005E ^ circumflex accent → 02C4 ^ modifier letter up arrowhead → 2038 ^ caret → 2227 ^ logical and
2304	∨	DOWN ARROWHEAD → 02C5 ∨ modifier letter down arrowhead → 2228 ∨ logical or → 2335 ∨ countersink
2305	⊘	PROJECTIVE → 22BC ⊘ nand
2306	↗	PERSPECTIVE
2307	~	WAVY LINE → 3030 ~ wavy dash

Ceilings and floors

These characters are tall and narrow mathematical delimiters, in contrast to the quine corners or half brackets. They are also distinct from CJK corner brackets, which are wide quotation marks.

2308	┌	LEFT CEILING = APL upstile → 2E22 ┌ top left half bracket → 300C ┌ left corner bracket
2309	┐	RIGHT CEILING → 20E7 ┐ combining annuity symbol → 2E23 ┐ top right half bracket
230A	└	LEFT FLOOR = APL downstile → 2E24 └ bottom left half bracket
230B	┘	RIGHT FLOOR → 300D ┘ right corner bracket → 2E25 ┘ bottom right half bracket

Crops

230C	┐	BOTTOM RIGHT CROP • set of four “crop” corners, arranged facing outward
230D	└	BOTTOM LEFT CROP
230E	┘	TOP RIGHT CROP
230F	┌	TOP LEFT CROP

Miscellaneous technical

2310	↵	REVERSED NOT SIGN = beginning of line → 00AC ↵ not sign
2311	◻	SQUARE LOZENGE = Kissen (pillow) • used as a command delimiter in some very old computers
2312	⤿	ARC = position of any line → 25E0 ⤿ upper half circle
2313	◐	SEGMENT = position of a surface

2314	◊	SECTOR
2315	☎	TELEPHONE RECORDER
2316	♯	POSITION INDICATOR = true position
2317	▣	VIEWDATA SQUARE → 22D5 # equal and parallel to
2318	⌘	PLACE OF INTEREST SIGN = command key (1.0) = operating system key (ISO 9995-7)
2319	↵	TURNED NOT SIGN = line marker

User interface symbols

231A	🕒	WATCH → 23F0 🕒 alarm clock → 1F550 🕒 clock face one o'clock
231B	🕒	HOURGLASS = alchemical symbol for hour

Quine corners

These form a set of four quine corners, for quincuncial arrangement. They are also used in upper and lower pairs in mathematic, or more rarely in editorial usage as alternatives to half brackets.

231C	┌	TOP LEFT CORNER → 2E00 ┌ right angle substitution marker → 2E22 ┌ top left half bracket
231D	┐	TOP RIGHT CORNER
231E	└	BOTTOM LEFT CORNER
231F	┘	BOTTOM RIGHT CORNER

Integral pieces

2320	∫	TOP HALF INTEGRAL → 23AE ∫ integral extension
2321	∫	BOTTOM HALF INTEGRAL

Frown and smile

2322	☹	FROWN → 2040 ☹ character tie
2323	☺	SMILE → 203F ☺ undertie

Keyboard symbols

2324	↵	UP ARROWHEAD BETWEEN TWO HORIZONTAL BARS = enter key
2325	⌘	OPTION KEY
2326	☒	ERASE TO THE RIGHT = delete to the right key
2327	☒	X IN A RECTANGLE BOX = clear key
2328	⌨	KEYBOARD

Deprecated angle brackets

These characters are deprecated and are strongly discouraged for mathematical use because of their canonical equivalence to CJK punctuation.

2329	⟨	LEFT-POINTING ANGLE BRACKET → 003C < less-than sign → 2039 ‹ single left-pointing angle quotation mark → 27E8 ‹ mathematical left angle bracket ≡ 3008 ‹ left angle bracket
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23E6

Miscellaneous Technical

23F3

- 23E6 ~ AC CURRENT
23E7 ✕ ELECTRICAL INTERSECTION
23E8 10 DECIMAL EXPONENT SYMBOL
• Algol-60 token for scientific notation literals

User interface symbols

- 23E9 ▶▶ BLACK RIGHT-POINTING DOUBLE TRIANGLE
= fast forward
- 23EA ◀◀ BLACK LEFT-POINTING DOUBLE TRIANGLE
= fast rewind
- 23EB ▲ BLACK UP-POINTING DOUBLE TRIANGLE
- 23EC ▼ BLACK DOWN-POINTING DOUBLE TRIANGLE
- 23ED ▶| BLACK RIGHT-POINTING DOUBLE TRIANGLE
WITH VERTICAL BAR
- 23EE ◀| BLACK LEFT-POINTING DOUBLE TRIANGLE
WITH VERTICAL BAR
- 23EF |▶ BLACK RIGHT-POINTING TRIANGLE WITH
DOUBLE VERTICAL BAR
- 23F0 🕒 ALARM CLOCK
→ 231A 🕒 watch
→ 1F550 🕒 clock face one o'clock
- 23F1 ⌚ STOPWATCH
- 23F2 ⌚ TIMER CLOCK
- 23F3 🕒 HOURGLASS WITH FLOWING SAND
→ 231B 🕒 hourglass

2460

Enclosed Alphanumerics

24FF

	246	247	248	249	24A	24B	24C	24D	24E	24F
0	① 2460	⑰ 2470	⑬ 2480	9. 2490	(e) 24A0	(u) 24B0	Ⓚ 24C0	a 24D0	q 24E0	⑯ 24F0
1	② 2461	⑱ 2471	⑭ 2481	10. 2491	(f) 24A1	(v) 24B1	Ⓛ 24C1	b 24D1	r 24E1	⑰ 24F1
2	③ 2462	⑲ 2472	⑮ 2482	11. 2492	(g) 24A2	(w) 24B2	Ⓜ 24C2	c 24D2	s 24E2	⑱ 24F2
3	④ 2463	⑳ 2473	⑯ 2483	12. 2493	(h) 24A3	(x) 24B3	Ⓝ 24C3	d 24D3	t 24E3	⑲ 24F3
4	⑤ 2464	(1) 2474	(17) 2484	13. 2494	(i) 24A4	(y) 24B4	Ⓞ 24C4	e 24D4	u 24E4	⑳ 24F4
5	⑥ 2465	(2) 2475	(18) 2485	14. 2495	(j) 24A5	(z) 24B5	Ⓟ 24C5	f 24D5	v 24E5	① 24F5
6	⑦ 2466	(3) 2476	(19) 2486	15. 2496	(k) 24A6	Ⓐ 24B6	Ⓠ 24C6	g 24D6	w 24E6	② 24F6
7	⑧ 2467	(4) 2477	(20) 2487	16. 2497	(l) 24A7	Ⓑ 24B7	Ⓡ 24C7	h 24D7	x 24E7	③ 24F7
8	⑨ 2468	(5) 2478	1. 2488	17. 2498	(m) 24A8	Ⓒ 24B8	Ⓢ 24C8	i 24D8	y 24E8	④ 24F8
9	⑩ 2469	(6) 2479	2. 2489	18. 2499	(n) 24A9	Ⓓ 24B9	Ⓣ 24C9	j 24D9	z 24E9	⑤ 24F9
A	⑪ 246A	(7) 247A	3. 248A	19. 249A	(o) 24AA	Ⓔ 24BA	Ⓤ 24CA	k 24DA	0 24EA	⑥ 24FA
B	⑫ 246B	(8) 247B	4. 248B	20. 249B	(p) 24AB	Ⓕ 24BB	Ⓡ 24CB	l 24DB	⑪ 24EB	⑦ 24FB
C	⑬ 246C	(9) 247C	5. 248C	(a) 249C	(q) 24AC	Ⓖ 24BC	Ⓢ 24CC	m 24DC	⑫ 24EC	⑧ 24FC
D	⑭ 246D	(10) 247D	6. 248D	(b) 249D	(r) 24AD	Ⓖ 24BD	Ⓝ 24CD	n 24DD	⑬ 24ED	⑨ 24FD
E	⑮ 246E	(11) 247E	7. 248E	(c) 249E	(s) 24AE	Ⓘ 24BE	Ⓨ 24CE	o 24DE	⑭ 24EE	⑩ 24FE
F	⑯ 246F	(12) 247F	8. 248F	(d) 249F	(t) 24AF	Ⓙ 24BF	Ⓩ 24CF	p 24DF	⑮ 24EF	⑰ 24FF

249A

Enclosed Alphanumerics

24D1

- 249A 19. NUMBER NINETEEN FULL STOP
 ≈ 0031 1 0039 9 002E .
- 249B 20. NUMBER TWENTY FULL STOP
 ≈ 0032 2 0030 0 002E .

Parenthesized Latin letters

See also the uppercase set starting at U+1F100.

- 249C (a) PARENTHESIZED LATIN SMALL LETTER A
 ≈ 0028 (0061 a 0029)
- 249D (b) PARENTHESIZED LATIN SMALL LETTER B
 ≈ 0028 (0062 b 0029)
- 249E (c) PARENTHESIZED LATIN SMALL LETTER C
 ≈ 0028 (0063 c 0029)
- 249F (d) PARENTHESIZED LATIN SMALL LETTER D
 ≈ 0028 (0064 d 0029)
- 24A0 (e) PARENTHESIZED LATIN SMALL LETTER E
 ≈ 0028 (0065 e 0029)
- 24A1 (f) PARENTHESIZED LATIN SMALL LETTER F
 ≈ 0028 (0066 f 0029)
- 24A2 (g) PARENTHESIZED LATIN SMALL LETTER G
 ≈ 0028 (0067 g 0029)
- 24A3 (h) PARENTHESIZED LATIN SMALL LETTER H
 ≈ 0028 (0068 h 0029)
- 24A4 (i) PARENTHESIZED LATIN SMALL LETTER I
 ≈ 0028 (0069 i 0029)
- 24A5 (j) PARENTHESIZED LATIN SMALL LETTER J
 ≈ 0028 (006A j 0029)
- 24A6 (k) PARENTHESIZED LATIN SMALL LETTER K
 ≈ 0028 (006B k 0029)
- 24A7 (l) PARENTHESIZED LATIN SMALL LETTER L
 ≈ 0028 (006C l 0029)
- 24A8 (m) PARENTHESIZED LATIN SMALL LETTER M
 ≈ 0028 (006D m 0029)
- 24A9 (n) PARENTHESIZED LATIN SMALL LETTER N
 ≈ 0028 (006E n 0029)
- 24AA (o) PARENTHESIZED LATIN SMALL LETTER O
 ≈ 0028 (006F o 0029)
- 24AB (p) PARENTHESIZED LATIN SMALL LETTER P
 ≈ 0028 (0070 p 0029)
- 24AC (q) PARENTHESIZED LATIN SMALL LETTER Q
 ≈ 0028 (0071 q 0029)
- 24AD (r) PARENTHESIZED LATIN SMALL LETTER R
 ≈ 0028 (0072 r 0029)
- 24AE (s) PARENTHESIZED LATIN SMALL LETTER S
 ≈ 0028 (0073 s 0029)
- 24AF (t) PARENTHESIZED LATIN SMALL LETTER T
 ≈ 0028 (0074 t 0029)
- 24B0 (u) PARENTHESIZED LATIN SMALL LETTER U
 ≈ 0028 (0075 u 0029)
- 24B1 (v) PARENTHESIZED LATIN SMALL LETTER V
 ≈ 0028 (0076 v 0029)
- 24B2 (w) PARENTHESIZED LATIN SMALL LETTER W
 ≈ 0028 (0077 w 0029)
- 24B3 (x) PARENTHESIZED LATIN SMALL LETTER X
 ≈ 0028 (0078 x 0029)
- 24B4 (y) PARENTHESIZED LATIN SMALL LETTER Y
 ≈ 0028 (0079 y 0029)
- 24B5 (z) PARENTHESIZED LATIN SMALL LETTER Z
 ≈ 0028 (007A z 0029)

































































































Circled Latin letters

- 24B6 (A) CIRCLED LATIN CAPITAL LETTER A
 ≈ <circle> 0041 A
- 24B7 (B) CIRCLED LATIN CAPITAL LETTER B
 ≈ <circle> 0042 B
- 24B8 (C) CIRCLED LATIN CAPITAL LETTER C
 → 00A9 © copyright sign
 ≈ <circle> 0043 C
- 24B9 (D) CIRCLED LATIN CAPITAL LETTER D
 ≈ <circle> 0044 D
- 24BA (E) CIRCLED LATIN CAPITAL LETTER E
 ≈ <circle> 0045 E
- 24BB (F) CIRCLED LATIN CAPITAL LETTER F
 ≈ <circle> 0046 F
- 24BC (G) CIRCLED LATIN CAPITAL LETTER G
 ≈ <circle> 0047 G
- 24BD (H) CIRCLED LATIN CAPITAL LETTER H
 ≈ <circle> 0048 H
- 24BE (I) CIRCLED LATIN CAPITAL LETTER I
 ≈ <circle> 0049 I
- 24BF (J) CIRCLED LATIN CAPITAL LETTER J
 ≈ <circle> 004A J
- 24C0 (K) CIRCLED LATIN CAPITAL LETTER K
 ≈ <circle> 004B K
- 24C1 (L) CIRCLED LATIN CAPITAL LETTER L
 ≈ <circle> 004C L
- 24C2 (M) CIRCLED LATIN CAPITAL LETTER M
 ≈ <circle> 004D M
- 24C3 (N) CIRCLED LATIN CAPITAL LETTER N
 ≈ <circle> 004E N
- 24C4 (O) CIRCLED LATIN CAPITAL LETTER O
 ≈ <circle> 004F O
- 24C5 (P) CIRCLED LATIN CAPITAL LETTER P
 → 2117 ® sound recording copyright
 ≈ <circle> 0050 P
- 24C6 (Q) CIRCLED LATIN CAPITAL LETTER Q
 ≈ <circle> 0051 Q
- 24C7 (R) CIRCLED LATIN CAPITAL LETTER R
 → 00AE ® registered sign
 ≈ <circle> 0052 R
- 24C8 (S) CIRCLED LATIN CAPITAL LETTER S
 ≈ <circle> 0053 S
- 24C9 (T) CIRCLED LATIN CAPITAL LETTER T
 ≈ <circle> 0054 T
- 24CA (U) CIRCLED LATIN CAPITAL LETTER U
 ≈ <circle> 0055 U
- 24CB (V) CIRCLED LATIN CAPITAL LETTER V
 ≈ <circle> 0056 V
- 24CC (W) CIRCLED LATIN CAPITAL LETTER W
 ≈ <circle> 0057 W
- 24CD (X) CIRCLED LATIN CAPITAL LETTER X
 ≈ <circle> 0058 X
- 24CE (Y) CIRCLED LATIN CAPITAL LETTER Y
 ≈ <circle> 0059 Y
- 24CF (Z) CIRCLED LATIN CAPITAL LETTER Z
 ≈ <circle> 005A Z
- 24D0 (a) CIRCLED LATIN SMALL LETTER A
 ≈ <circle> 0061 a
- 24D1 (b) CIRCLED LATIN SMALL LETTER B
 ≈ <circle> 0062 b

25A0

Geometric Shapes

25FF

	25A	25B	25C	25D	25E	25F
0	 25A0	 25B0	 25C0	 25D0	 25E0	 25F0
1	 25A1	 25B1	 25C1	 25D1	 25E1	 25F1
2	 25A2	 25B2	 25C2	 25D2	 25E2	 25F2
3	 25A3	 25B3	 25C3	 25D3	 25E3	 25F3
4	 25A4	 25B4	 25C4	 25D4	 25E4	 25F4
5	 25A5	 25B5	 25C5	 25D5	 25E5	 25F5
6	 25A6	 25B6	 25C6	 25D6	 25E6	 25F6
7	 25A7	 25B7	 25C7	 25D7	 25E7	 25F7
8	 25A8	 25B8	 25C8	 25D8	 25E8	 25F8
9	 25A9	 25B9	 25C9	 25D9	 25E9	 25F9
A	 25AA	 25BA	 25CA	 25DA	 25EA	 25FA
B	 25AB	 25BB	 25CB	 25DB	 25EB	 25FB
C	 25AC	 25BC	 25CC	 25DC	 25EC	 25FC
D	 25AD	 25BD	 25CD	 25DD	 25ED	 25FD
E	 25AE	 25BE	 25CE	 25DE	 25EE	 25FE
F	 25AF	 25BF	 25CF	 25DF	 25EF	 25FF

25A0

Geometric Shapes

25D0

Geometric shapes













































Other geometric shapes complementing this set are found in the Miscellaneous Symbols and Arrows block.

25A0	■	BLACK SQUARE = moding mark (in ideographic text) → 2588 ■ full block → 2B1B ■ black large square	25BB	▷	WHITE RIGHT-POINTING POINTER = forward arrow indicator → 22B3 ▷ contains as normal subgroup
25A1	□	WHITE SQUARE = quadrature = alchemical symbol for salt • may be used to represent a missing ideograph → 20DE □ combining enclosing square → 2610 □ ballot box → 2B1C □ white large square → 3013 ■ geta mark	25BC	▼	BLACK DOWN-POINTING TRIANGLE → 1F53B ▼ down-pointing red triangle
25A2	◻	WHITE SQUARE WITH ROUNDED CORNERS	25BD	▽	WHITE DOWN-POINTING TRIANGLE = Hamilton operator → 2207 ▽ nabla → 26DB ▼ heavy white down-pointing triangle → 1F704 ▽ alchemical symbol for water
25A3	◼	WHITE SQUARE CONTAINING BLACK SMALL SQUARE	25BE	▾	BLACK DOWN-POINTING SMALL TRIANGLE → 1F53D ▾ down-pointing small red triangle
25A4	▨	SQUARE WITH HORIZONTAL FILL	25BF	▿	WHITE DOWN-POINTING SMALL TRIANGLE
25A5	▩	SQUARE WITH VERTICAL FILL	25C0	◀	BLACK LEFT-POINTING TRIANGLE
25A6	▧	SQUARE WITH ORTHOGONAL CROSSHATCH FILL	25C1	◁	WHITE LEFT-POINTING TRIANGLE = z notation domain restriction
25A7	▦	SQUARE WITH UPPER LEFT TO LOWER RIGHT FILL	25C2	◄	BLACK LEFT-POINTING SMALL TRIANGLE
25A8	▤	SQUARE WITH UPPER RIGHT TO LOWER LEFT FILL	25C3	◅	WHITE LEFT-POINTING SMALL TRIANGLE
25A9	▥	SQUARE WITH DIAGONAL CROSSHATCH FILL	25C4	◄	BLACK LEFT-POINTING POINTER
25AA	▪	BLACK SMALL SQUARE = square bullet → 2B1D ▪ black very small square	25C5	◅	WHITE LEFT-POINTING POINTER = backward arrow indicator → 22B2 ◄ normal subgroup of
25AB	◻	WHITE SMALL SQUARE → 2B1E ◻ white very small square	25C6	◆	BLACK DIAMOND → 2666 ◆ black diamond suit → 2B25 ◆ black medium diamond → 1F536 ◆ large orange diamond
25AC	▭	BLACK RECTANGLE	25C7	◇	WHITE DIAMOND → 20DF ◇ combining enclosing diamond → 22C4 ◊ diamond operator → 2662 ◇ white diamond suit → 2B26 ◇ white medium diamond → 1F754 ◇ alchemical symbol for soap
25AD	▭	WHITE RECTANGLE	25C8	◈	WHITE DIAMOND CONTAINING BLACK SMALL DIAMOND
25AE	▮	BLACK VERTICAL RECTANGLE = histogram marker → 220E ▮ end of proof	25C9	◎	FISHEYE = tainome (Japanese, a kind of bullet)
25AF	▮	WHITE VERTICAL RECTANGLE → 2337 ▮ apl functional symbol squish quad → 2395 ▮ apl functional symbol quad	25CA	◇	LOZENGE → 2662 ◇ white diamond suit
25B0	▭	BLACK PARALLELOGRAM	25CB	◯	WHITE CIRCLE → 20DD ◎ combining enclosing circle → 25EF ○ large circle → 2B58 ○ heavy circle → 3007 ○ ideographic number zero → 1F315 ○ full moon symbol
25B1	▭	WHITE PARALLELOGRAM	25CC	⦿	DOTTED CIRCLE • note that the reference glyph for this character is intentionally larger than the dotted circle glyph used to indicate combining characters in this standard; see, for example, 0300 ◌
25B2	▲	BLACK UP-POINTING TRIANGLE → 26F0 ▲ mountain → 1F53A ▲ up-pointing red triangle	25CD	◐	CIRCLE WITH VERTICAL FILL
25B3	△	WHITE UP-POINTING TRIANGLE = trine → 20E4 △ combining enclosing upward pointing triangle → 2206 △ increment → 1F702 △ alchemical symbol for fire	25CE	◎	BULLSEYE → 229A ◎ circled ring operator → 2B57 ◎ heavy circle with circle inside → 1F3AF ◎ direct hit
25B4	▲	BLACK UP-POINTING SMALL TRIANGLE → 1F53C ▲ up-pointing small red triangle	25CF	●	BLACK CIRCLE → 2B24 ● black large circle → 1F311 ● new moon symbol → 1F534 ● large red circle
25B5	▲	WHITE UP-POINTING SMALL TRIANGLE	25D0	◐	CIRCLE WITH LEFT HALF BLACK → 1F313 ◐ first quarter moon symbol
25B6	▶	BLACK RIGHT-POINTING TRIANGLE			
25B7	▷	WHITE RIGHT-POINTING TRIANGLE = z notation range restriction			
25B8	▶	BLACK RIGHT-POINTING SMALL TRIANGLE → 2023 ▶ triangular bullet			
25B9	▷	WHITE RIGHT-POINTING SMALL TRIANGLE			
25BA	▶	BLACK RIGHT-POINTING POINTER			















25D1

Geometric Shapes









25FF

- 25D1  CIRCLE WITH RIGHT HALF BLACK
→ 1F317  last quarter moon symbol
- 25D2  CIRCLE WITH LOWER HALF BLACK
- 25D3  CIRCLE WITH UPPER HALF BLACK
- 25D4  CIRCLE WITH UPPER RIGHT QUADRANT BLACK
- 25D5  CIRCLE WITH ALL BUT UPPER LEFT QUADRANT BLACK
- 25D6  LEFT HALF BLACK CIRCLE
- 25D7  RIGHT HALF BLACK CIRCLE
- 25D8  INVERSE BULLET
→ 2022  bullet
→ 25E6  white bullet
- 25D9  INVERSE WHITE CIRCLE
- 25DA  UPPER HALF INVERSE WHITE CIRCLE
- 25DB  LOWER HALF INVERSE WHITE CIRCLE
- 25DC  UPPER LEFT QUADRANT CIRCULAR ARC
- 25DD  UPPER RIGHT QUADRANT CIRCULAR ARC
- 25DE  LOWER RIGHT QUADRANT CIRCULAR ARC
- 25DF  LOWER LEFT QUADRANT CIRCULAR ARC
- 25E0  UPPER HALF CIRCLE
→ 2312  arc
- 25E1  LOWER HALF CIRCLE
- 25E2  BLACK LOWER RIGHT TRIANGLE
- 25E3  BLACK LOWER LEFT TRIANGLE
- 25E4  BLACK UPPER LEFT TRIANGLE
- 25E5  BLACK UPPER RIGHT TRIANGLE
- 25E6  WHITE BULLET
→ 2022  bullet
→ 2218  ring operator
→ 25D8  inverse bullet
- 25E7  SQUARE WITH LEFT HALF BLACK
→ 2B12  square with top half black
- 25E8  SQUARE WITH RIGHT HALF BLACK
- 25E9  SQUARE WITH UPPER LEFT DIAGONAL HALF BLACK
- 25EA  SQUARE WITH LOWER RIGHT DIAGONAL HALF BLACK
- 25EB  WHITE SQUARE WITH VERTICAL BISECTING LINE
- 25EC  WHITE UP-POINTING TRIANGLE WITH DOT
- 25ED  UP-POINTING TRIANGLE WITH LEFT HALF BLACK
- 25EE  UP-POINTING TRIANGLE WITH RIGHT HALF BLACK
- 25EF  LARGE CIRCLE
→ 20DD  combining enclosing circle
→ 25CB  white circle
→ 2B24  black large circle
→ 2B55  heavy large circle
→ 3007  ideographic number zero

Geometric shapes

- 25F8  UPPER LEFT TRIANGLE
- 25F9  UPPER RIGHT TRIANGLE
- 25FA  LOWER LEFT TRIANGLE
→ 22BF  right triangle
- 25FB  WHITE MEDIUM SQUARE
= always (modal operator)
→ 25A1  white square
- 25FC  BLACK MEDIUM SQUARE
→ 25A0  black square
- 25FD  WHITE MEDIUM SMALL SQUARE
→ 25AB  white small square
- 25FE  BLACK MEDIUM SMALL SQUARE
→ 25AA  black small square
- 25FF  LOWER RIGHT TRIANGLE
→ 22BF  right triangle

Control code graphics

- 25F0  WHITE SQUARE WITH UPPER LEFT QUADRANT
- 25F1  WHITE SQUARE WITH LOWER LEFT QUADRANT
- 25F2  WHITE SQUARE WITH LOWER RIGHT QUADRANT
- 25F3  WHITE SQUARE WITH UPPER RIGHT QUADRANT
- 25F4  WHITE CIRCLE WITH UPPER LEFT QUADRANT
- 25F5  WHITE CIRCLE WITH LOWER LEFT QUADRANT
- 25F6  WHITE CIRCLE WITH LOWER RIGHT QUADRANT
- 25F7  WHITE CIRCLE WITH UPPER RIGHT QUADRANT

2600

Miscellaneous Symbols

26FF

	260	261	262	263	264	265	266	267	268	269	26A	26B	26C	26D	26E	26F
0	2600	2610	2620	2630	2640	2650	2660	2670	2680	2690	26A0	26B0	26C0	26D0	26E0	26F0
1	2601	2611	2621	2631	2641	2651	2661	2671	2681	2691	26A1	26B1	26C1	26D1	26E1	26F1
2	2602	2612	2622	2632	2642	2652	2662	2672	2682	2692	26A2	26B2	26C2	26D2	26E2	26F2
3	2603	2613	2623	2633	2643	2653	2663	2673	2683	2693	26A3	26B3	26C3	26D3	26E3	26F3
4	2604	2614	2624	2634	2644	2654	2664	2674	2684	2694	26A4	26B4	26C4	26D4	26E4	26F4
5	2605	2615	2625	2635	2645	2655	2665	2675	2685	2695	26A5	26B5	26C5	26D5	26E5	26F5
6	2606	2616	2626	2636	2646	2656	2666	2676	2686	2696	26A6	26B6	26C6	26D6	26E6	26F6
7	2607	2617	2627	2637	2647	2657	2667	2677	2687	2697	26A7	26B7	26C7	26D7	26E7	26F7
8	2608	2618	2628	2638	2648	2658	2668	2678	2688	2698	26A8	26B8	26C8	26D8	26E8	26F8
9	2609	2619	2629	2639	2649	2659	2669	2679	2689	2699	26A9	26B9	26C9	26D9	26E9	26F9
A	260A	261A	262A	263A	264A	265A	266A	267A	268A	269A	26AA	26BA	26CA	26DA	26EA	26FA
B	260B	261B	262B	263B	264B	265B	266B	267B	268B	269B	26AB	26BB	26CB	26DB	26EB	26FB
C	260C	261C	262C	263C	264C	265C	266C	267C	268C	269C	26AC	26BC	26CC	26DC	26EC	26FC
D	260D	261D	262D	263D	264D	265D	266D	267D	268D	269D	26AD	26BD	26CD	26DD	26ED	26FD
E	260E	261E	262E	263E	264E	265E	266E	267E	268E	269E	26AE	26BE	26CE	26DE	26EE	26FE
F	260F	261F	262F	263F	264F	265F	266F	267F	268F	269F	26AF	26BF	26CF	26DF	26EF	26FF

2600

Miscellaneous Symbols

2634

Weather and astrological symbols

2600	☀	BLACK SUN WITH RAYS = clear weather → 2609 ☀ sun → 1F506 ✨ high brightness symbol
2601	☁	CLOUD = cloudy weather
2602	☂	UMBRELLA = rainy weather → 1F302 🌂 closed umbrella
2603	☃	SNOWMAN = snowy weather
2604	☄	COMET
2605	★	BLACK STAR → 22C6 ☆ star operator
2606	☆	WHITE STAR → 2729 ☆ stress outlined white star → 1F31F ✨ glowing star
2607	⚡	LIGHTNING
2608	⚡	THUNDERSTORM
2609	☉	SUN = alchemical symbol for gold → 2299 ⦿ circled dot operator → 2600 ☀ black sun with rays → 263C ☼ white sun with rays → 1F31E 🌞 sun with face
260A	♁	ASCENDING NODE = alchemical symbol for sublimate
260B	♂	DESCENDING NODE = alchemical symbol for purify → 1F763 ♃ alchemical symbol for purify
260C	♄	CONJUNCTION = alchemical symbol for day
260D	♅	OPPOSITION

Miscellaneous symbols

260E	☎	BLACK TELEPHONE → 2121 ☎ telephone sign → 2706 📞 telephone location sign → 1F4DE 📞 telephone receiver
260F	☎	WHITE TELEPHONE
2610	☐	BALLOT BOX → 25A1 ◻ white square
2611	☑	BALLOT BOX WITH CHECK
2612	☒	BALLOT BOX WITH X → 22A0 ☒ squared times
2613	X	SALTIRE = St. Andrew's Cross → 2717 ✕ ballot x

Weather symbol

2614	☔	UMBRELLA WITH RAIN DROPS = showery weather
------	---	---

Miscellaneous symbol

2615	☕	HOT BEVERAGE = tea or coffee, depending on locale • can be used to indicate a wait → 231A ⌚ watch → 231B 🕒 hourglass → 1F375 🍵 teacup without handle
------	---	---

Japanese chess symbols

2616	♞	WHITE SHOGI PIECE
2617	♚	BLACK SHOGI PIECE

Miscellaneous symbols

2618	☘	SHAMROCK → 1F340 🍀 four leaf clover
2619	♣	REVERSED ROTATED FLORAL HEART BULLET • a binding signature mark → 2767 🍀 rotated floral heart bullet

Pointing hand symbols

261A	☞	BLACK LEFT POINTING INDEX
261B	☜	BLACK RIGHT POINTING INDEX
261C	☜	WHITE LEFT POINTING INDEX → 1F448 ☜ white left pointing backhand index
261D	☝	WHITE UP POINTING INDEX
261E	☞	WHITE RIGHT POINTING INDEX = fist (typographic term)
261F	☚	WHITE DOWN POINTING INDEX

Warning signs

2620	☠	SKULL AND CROSSBONES = poison
2621	⚠	CAUTION SIGN
2622	☢	RADIOACTIVE SIGN
2623	☣	BIOHAZARD SIGN

Medical and healing symbols

2624	☿	CADUCEUS → 2695 🏆 staff of aesculapius → 1F750 →* alchemical symbol for caduceus
2625	♀	ANKH

Religious and political symbols

2626	✝	ORTHODOX CROSS
2627	✚	CHI RHO = Constantine's cross, Christogram → 2CE9 ☩ coptic symbol khi ro
2628	✚	CROSS OF LORRAINE
2629	✚	CROSS OF JERUSALEM → 1F70A ✚ alchemical symbol for vinegar
262A	☾	STAR AND CRESCENT
262B	☪	FARSI SYMBOL = symbol of iran (1.0)
262C	☸	ADI SHAKTI = Gurmukhi khanda
262D	⚒	HAMMER AND SICKLE
262E	☮	PEACE SYMBOL
262F	☯	YIN YANG → 0FCA ☯ tibetan symbol nor bu nyis -khyil

Yijing trigram symbols

2630	☰	TRIGRAM FOR HEAVEN = qian2
2631	☱	TRIGRAM FOR LAKE = dui4
2632	☲	TRIGRAM FOR FIRE = li2
2633	☳	TRIGRAM FOR THUNDER = zhen4
2634	☴	TRIGRAM FOR WIND = xun4

2635

- 2635 ☵ TRIGRAM FOR WATER
 = kan3
 2636 ☶ TRIGRAM FOR MOUNTAIN
 = gen4
 2637 ☷ TRIGRAM FOR EARTH
 = kun1

Miscellaneous symbol

- 2638 ☸ WHEEL OF DHARMA
 → 2388 ☸ helm symbol

Emoticons

Many other emoticons are encoded in the Emoticons block starting at U+1F600.

- 2639 😞 WHITE FROWNING FACE
 263A 😊 WHITE SMILING FACE
 = have a nice day!
 263B 😄 BLACK SMILING FACE

Miscellaneous symbol

- 263C ☀ WHITE SUN WITH RAYS
 = compass
 → 2609 ☀ sun
 → 1F506 ✨ high brightness symbol

Astrological symbols

- 263D ☾ FIRST QUARTER MOON
 = alchemical symbol for silver
 263E ☾ LAST QUARTER MOON
 = alchemical symbol for silver
 → 1F319 🌘 crescent moon
 263F ♀ MERCURY
 = alchemical symbol for quicksilver
 2640 ♀ FEMALE SIGN
 = Venus
 = alchemical symbol for copper
 → 1F469 🧑 woman
 → 1F6BA 👩 womens symbol
 2641 ♁ EARTH
 = alchemical symbol for antimony
 → 1F728 ⚗ alchemical symbol for verdigris
 2642 ♂ MALE SIGN
 = Mars
 = alchemical symbol for iron
 → 1F468 🧑 man
 → 1F6B9 👨 mens symbol
 2643 ♃ JUPITER
 = alchemical symbol for tin
 2644 ♄ SATURN
 = alchemical symbol for lead
 2645 ♅ URANUS
 → 26E2 ♁ astronomical symbol for uranus
 2646 ♆ NEPTUNE
 = alchemical symbol for bismuth/tinglass
 2647 ♇ PLUTO

Zodiacal symbols

- 2648 ♈ ARIES
 2649 ♉ TAURUS
 264A ♊ GEMINI
 264B ♋ CANCER
 264C ♌ LEO
 264D ♍ VIRGO
 = minim (alternate glyph)

Miscellaneous Symbols

266F

- 264E ♎ LIBRA
 → 1F75E ⚖ alchemical symbol for sublimation
 264F ♏ SCORPIUS
 = scorpio
 = minim, drop
 2650 ♐ SAGITTARIUS
 2651 ♑ CAPRICORN
 2652 ♒ AQUARIUS
 2653 ♓ PISCES

Chess symbols

- 2654 ♔ WHITE CHESS KING
 2655 ♑ WHITE CHESS QUEEN
 2656 ♖ WHITE CHESS ROOK
 2657 ♗ WHITE CHESS BISHOP
 2658 ♘ WHITE CHESS KNIGHT
 2659 ♙ WHITE CHESS PAWN
 265A ♚ BLACK CHESS KING
 265B ♛ BLACK CHESS QUEEN
 265C ♜ BLACK CHESS ROOK
 265D ♝ BLACK CHESS BISHOP
 265E ♞ BLACK CHESS KNIGHT
 265F ♟ BLACK CHESS PAWN

Playing card symbols

- 2660 ♠ BLACK SPADE SUIT
 2661 ♥ WHITE HEART SUIT
 2662 ♦ WHITE DIAMOND SUIT
 → 25C7 ♡ white diamond
 → 25CA ♢ lozenge
 2663 ♣ BLACK CLUB SUIT
 → 2618 ♧ shamrock
 2664 ♠ WHITE SPADE SUIT
 2665 ♥ BLACK HEART SUIT
 = valentine
 → 2764 🖤 heavy black heart
 → 1F499 💙 blue heart
 2666 ♠ BLACK DIAMOND SUIT
 → 25C6 ♠ black diamond
 2667 ♣ WHITE CLUB SUIT

Miscellaneous symbol

- 2668 ♨ HOT SPRINGS

Musical symbols

- 2669 ♩ QUARTER NOTE
 = crotchet
 → 1D15F ♩ musical symbol quarter note
 266A ♪ EIGHTH NOTE
 = quaver
 → 1D160 ♪ musical symbol eighth note
 → 1F3B5 🎵 musical note
 266B 🎵 BEAMED EIGHTH NOTES
 = beamed quavers
 → 1F3B6 🎵 multiple musical notes
 266C 🎵 BEAMED SIXTEENTH NOTES
 = beamed semiquavers
 266D ♭ MUSIC FLAT SIGN
 266E ♮ MUSIC NATURAL SIGN
 266F ♯ MUSIC SHARP SIGN
 = z notation infix bag count
 → 0023 # number sign

2670

Miscellaneous Symbols

26A2

Syriac cross symbols

These symbols are used in liturgical texts of Syriac-speaking churches.

- 2670 ✝ WEST SYRIAC CROSS
 2671 ⚔ EAST SYRIAC CROSS

Recycling symbols

- 2672 ♻ UNIVERSAL RECYCLING SYMBOL
 • used as generic symbol for recycling or to indicate that material is recyclable
- 2673 ♻ RECYCLING SYMBOL FOR TYPE-1 PLASTICS
 • polyethylene terephthalate
- 2674 ♻ RECYCLING SYMBOL FOR TYPE-2 PLASTICS
 • high density polyethylene
- 2675 ♻ RECYCLING SYMBOL FOR TYPE-3 PLASTICS
 • vinyl, polyvinyl chloride
- 2676 ♻ RECYCLING SYMBOL FOR TYPE-4 PLASTICS
 • low density polyethylene
- 2677 ♻ RECYCLING SYMBOL FOR TYPE-5 PLASTICS
 • polypropylene
- 2678 ♻ RECYCLING SYMBOL FOR TYPE-6 PLASTICS
 • polystyrene
- 2679 ♻ RECYCLING SYMBOL FOR TYPE-7 PLASTICS
 • other plastics
- 267A ♻ RECYCLING SYMBOL FOR GENERIC MATERIALS
 • used together with other text and labels to indicate the type of material to be recycled
- 267B ♻ BLACK UNIVERSAL RECYCLING SYMBOL
 → 1F501 ↻ clockwise rightwards and leftwards open circle arrows
- 267C ♻ RECYCLED PAPER SYMBOL
 • used to indicate 100% recycled paper content
- 267D ♻ PARTIALLY-RECYCLED PAPER SYMBOL
 • percentage of recycled paper content indicated in overlay or next to this symbol

Miscellaneous symbols

- 267E ☹ PERMANENT PAPER SIGN
 267F ♿ WHEELCHAIR SYMBOL

Dice

- 2680 🎲 DIE FACE-1
 → 1F3B2 🎲 game die
- 2681 🎲 DIE FACE-2
 2682 🎲 DIE FACE-3
 2683 🎲 DIE FACE-4
 2684 🎲 DIE FACE-5
 2685 🎲 DIE FACE-6

Go markers

- 2686 ⦿ WHITE CIRCLE WITH DOT RIGHT
 2687 ⦿ WHITE CIRCLE WITH TWO DOTS
 → 1F636 ☺ face without mouth
- 2688 ⬤ BLACK CIRCLE WITH WHITE DOT RIGHT
 2689 ⬤ BLACK CIRCLE WITH TWO WHITE DOTS

Yijing monogram and digram symbols

These form a subset of the larger collection found in the Tai Xuan Jing Symbols block.

- 268A ☯ MONOGRAM FOR YANG
 268B ☯ MONOGRAM FOR YIN
 268C ☰ DIGRAM FOR GREATER YANG
 268D ☷ DIGRAM FOR LESSER YIN

- 268E ☳ DIGRAM FOR LESSER YANG
 268F ☵ DIGRAM FOR GREATER YIN

Dictionary and map symbols

- 2690 🚩 WHITE FLAG
 2691 🚩 BLACK FLAG
 2692 ⚒ HAMMER AND PICK
 = mining, working day (in timetables)
 → 26CF ⚒ pick
- 2693 ⚓ ANCHOR
 = nautical term, harbor (on maps)
- 2694 ✂ CROSSED SWORDS
 = military term, battleground (on maps), killed in action
- 2695 ⚕ STAFF OF AESCULAPIUS
 = medical term
 • both inclined or upright renderings of this symbol are common
 → 2624 ☯ caduceus
- 2696 ⚖ SCALES
 = legal term, jurisprudence
- 2697 ⚗ ALEMBIC
 = chemical term, chemistry
 → 1F76D ⚗ alchemical symbol for retort
- 2698 🌸 FLOWER
 = botanical term
 → 2055 * flower punctuation mark
 → 2740 🌸 white florette
 → 1F337 🌷 tulip
- 2699 ⚙ GEAR
 = technology, tools
- 269A ⚗ STAFF OF HERMES
 • signifies a commercial term or commerce
 • glyph shows a heraldic staff with a winged wheel
- 269B ☢ ATOM SYMBOL
 = nuclear installation (on maps)

Miscellaneous symbols

- 269C 🌸 FLEUR-DE-LIS
 269D ☆ OUTLINED WHITE STAR
 • alternative form of the interlaced pentagram (a symbol of Morocco)
 → 26E5 ☆ right-handed interlaced pentagram

Symbols for closed captioning from ARIB STD B24

- 269E ≧ THREE LINES CONVERGING RIGHT
 = someone speaking
- 269F ≦ THREE LINES CONVERGING LEFT
 = background speaking

Miscellaneous symbols

- 26A0 ⚠ WARNING SIGN
 26A1 ⚡ HIGH VOLTAGE SIGN
 = thunder
 = lightning symbol









Gender symbols

- 26A2 ♀ DOUBLED FEMALE SIGN
 = lesbianism
 → 1F46D 👯 two women holding hands




26A3

Miscellaneous Symbols








26D3

- 26A3  DOUBLED MALE SIGN
 • a glyph variant has the two circles on the same line
 = male homosexuality
 → 1F46C 
- 26A4  INTERLOCKED FEMALE AND MALE SIGN
 • a glyph variant has the two circles on the same line
 = bisexuality
- 26A5  MALE AND FEMALE SIGN
 = transgendered sexuality
 = hermaphrodite (in entomology)
- 26A6  MALE WITH STROKE SIGN
 = transgendered sexuality
 = alchemical symbol for iron or crocus of iron
- 26A7  MALE WITH STROKE AND MALE AND FEMALE SIGN
 = transgendered sexuality
- 26A8  VERTICAL MALE WITH STROKE SIGN
 = alchemical symbol for iron
- 26A9  HORIZONTAL MALE WITH STROKE SIGN
 = alchemical symbol for iron


Circles

- 26AA  MEDIUM WHITE CIRCLE
 = asexuality, sexless, genderless
 = engaged, betrothed
 • base for male or female sign
- 26AB  MEDIUM BLACK CIRCLE
 • UI symbol for record function
- 26AC  MEDIUM SMALL WHITE CIRCLE
 = engaged, betrothed (genealogy)
 • can represent wedding ring











Genealogical symbols




- 26AD  MARRIAGE SYMBOL
 → 221E ∞ infinity
 → 1F492 
- 26AE  DIVORCE SYMBOL
 → 29DE ∞ infinity negated with vertical bar
- 26AF  UNMARRIED PARTNERSHIP SYMBOL
 → 29DF ∞ double-ended multimap
- 26B0  COFFIN
 = buried (genealogy)
 → 25AD 
- 26B1  FUNERAL URN
 = cremated (genealogy)

Gender symbol

- 26B2  NEUTER



Astrological signs

- 26B3  CERES
- 26B4  PALLAS
- 26B5  JUNO
- 26B6  VESTA
- 26B7  CHIRON
- 26B8  BLACK MOON LILITH
- 26B9  SEXTILE
 → 002A * asterisk
 → 1F739 
- 26BA  SEMISEXTILE
 → 22BB 



- 26BB  QUINCUNX
 → 22BC 
- 26BC  SESQUIQUADRATE

Sport symbols





See other sport symbols in the *Miscellaneous Symbols and Pictographs* block.

- 26BD  SOCCER BALL
- 26BE  BASEBALL






Miscellaneous symbol from ARIB STD B24

- 26BF  SQUARED KEY
 = parental lock
 → 1F511 





Symbols for draughts and checkers

- 26C0  WHITE DRAUGHTS MAN
- 26C1  WHITE DRAUGHTS KING
- 26C2  BLACK DRAUGHTS MAN
- 26C3  BLACK DRAUGHTS KING




Weather symbols from ARIB STD B24

- 26C4  SNOWMAN WITHOUT SNOW
 = light snow
- 26C5  SUN BEHIND CLOUD
 = partly cloudy
- 26C6  RAIN
 = rainy weather
- 26C7  BLACK SNOWMAN
 = heavy snow
- 26C8  THUNDER CLOUD AND RAIN
 = thunderstorm


Game symbols from ARIB STD B24

- 26C9  TURNED WHITE SHOGI PIECE
- 26CA  TURNED BLACK SHOGI PIECE
- 26CB  WHITE DIAMOND IN SQUARE
 → 233A 









Traffic signs from ARIB STD B24

- 26CC  CROSSING LANES
 = accident
 → 292C 
- 26CD  DISABLED CAR

Zodiacal symbol

- 26CE  OPHIUCHUS



















Traffic signs from ARIB STD B24

- 26CF  PICK
 = under construction
 → 2692  hammer and pick
 → 1F6A7 
- 26D0  CAR SLIDING
 = icy road
- 26D1  HELMET WITH WHITE CROSS
 = maintenance
- 26D2  CIRCLED CROSSING LANES
 = road closed
 → 2297 
- 26D3  CHAINS
 = tyre chains required



26D4

Miscellaneous Symbols


26FF

26D4		NO ENTRY → 1F6AB  no entry sign
26D5		ALTERNATE ONE-WAY LEFT WAY TRAFFIC • left side traffic
26D6		BLACK TWO-WAY LEFT WAY TRAFFIC • left side traffic
26D7		WHITE TWO-WAY LEFT WAY TRAFFIC • left side traffic
26D8		BLACK LEFT LANE MERGE • left side traffic
26D9		WHITE LEFT LANE MERGE • left side traffic
26DA		DRIVE SLOW SIGN
26DB		HEAVY WHITE DOWN-POINTING TRIANGLE = drive slow → 25BD  white down-pointing triangle
26DC		LEFT CLOSED ENTRY
26DD		SQUARED SALTIRE = closed entry → 22A0  squared times
26DE		FALLING DIAGONAL IN WHITE CIRCLE IN BLACK SQUARE = closed to large vehicles
26DF		BLACK TRUCK = black lorry = closed to large vehicles, alternate → 1F69A  delivery truck
26E0		RESTRICTED LEFT ENTRY-1
26E1		RESTRICTED LEFT ENTRY-2

Astronomical symbol







26E2		ASTRONOMICAL SYMBOL FOR URANUS → 2645  uranus
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Map symbol from ARIB STD B24





26E3		HEAVY CIRCLE WITH STROKE AND TWO DOTS ABOVE = public office
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






























Pentagram symbols

These are mystic or occult symbols.

26E4		PENTAGRAM = pentalpha, pentangle • symbol of various uses, including symbol on Moroccan flag → 2606  white star
26E5		RIGHT-HANDED INTERLACED PENTAGRAM • symbol of various countries, including Morocco → 269D  outlined white star
26E6		LEFT-HANDED INTERLACED PENTAGRAM • symbol of various countries, including Ethiopia
26E7		INVERTED PENTAGRAM

Map symbols from ARIB STD B24

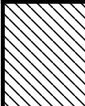


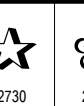
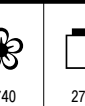
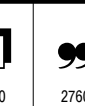

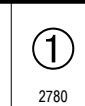




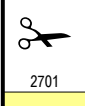
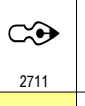

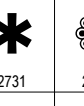
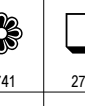
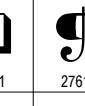
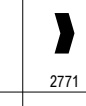
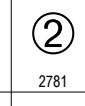

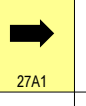
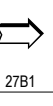

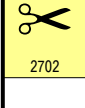
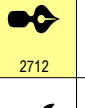
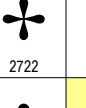
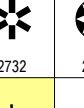
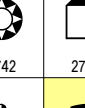
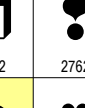
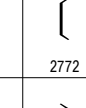
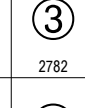
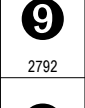



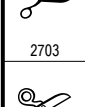
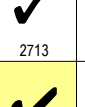
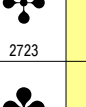
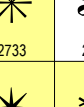
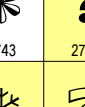
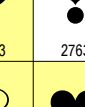
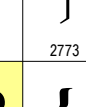
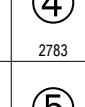

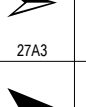
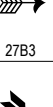

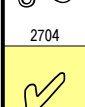
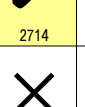
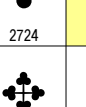
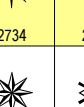
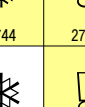
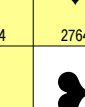
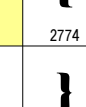
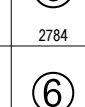
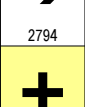
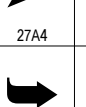
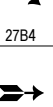


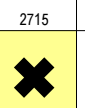


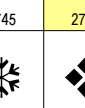
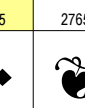
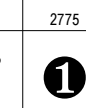
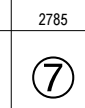
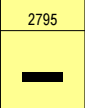
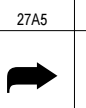



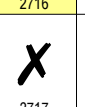

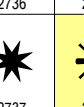
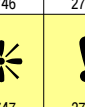
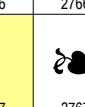
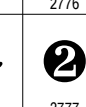
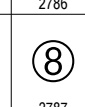
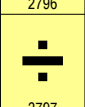
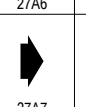






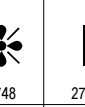
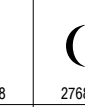

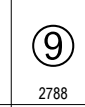




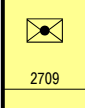
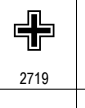

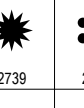
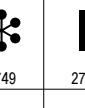
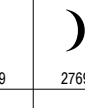
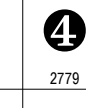
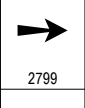
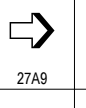



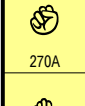
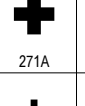

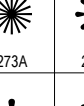
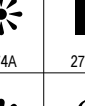
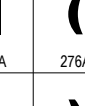


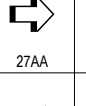
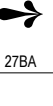


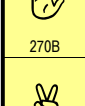
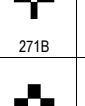

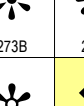
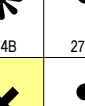
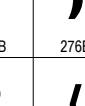
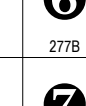

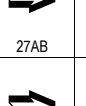
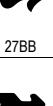


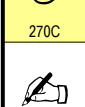
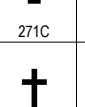

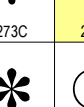
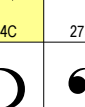
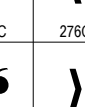

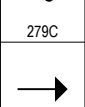
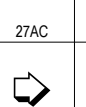
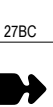


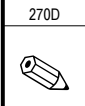
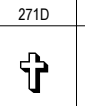

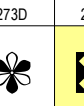


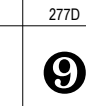
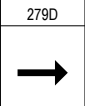
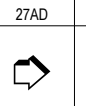



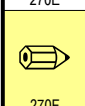
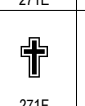

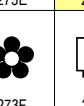
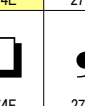
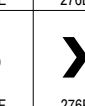


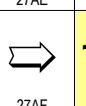













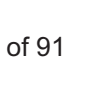













26E8		BLACK CROSS ON SHIELD = hospital → 1F3E5  hospital
26E9		SHINTO SHRINE = torii
26EA		CHURCH
26EB		CASTLE → 1F3F0  european castle

26EC		HISTORIC SITE → 2234  therefore
26ED		GEAR WITHOUT HUB = factory → 2699  gear → 1F3ED  factory
26EE		GEAR WITH HANDLES = power plant, power substation
26EF		MAP SYMBOL FOR LIGHTHOUSE
26F0		MOUNTAIN → 25B2  black up-pointing triangle
26F1		UMBRELLA ON GROUND = bathing beach → 2602  umbrella
26F2		FOUNTAIN = park
26F3		FLAG IN HOLE = golf course → 1F6A9  triangular flag on post
26F4		FERRY = ferry boat terminal → 1F6A2  ship
26F5		SAILBOAT = marina or yacht harbour → 1F6A3  rowboat
26F6		SQUARE FOUR CORNERS = intersection
26F7		SKIER = ski resort → 1F3BF  ski and ski boot
26F8		ICE SKATE = ice skating rink
26F9		PERSON WITH BALL = track and field, gymnasium
26FA		TENT = camping site
26FB		JAPANESE BANK SYMBOL → 1F3E6  bank
26FC		HEADSTONE GRAVEYARD SYMBOL = graveyard, memorial park, cemetery
26FD		FUEL PUMP = petrol station, gas station
26FE		CUP ON BLACK SQUARE = drive-in restaurant → 2615  hot beverage → 1F375  teacup without handle
26FF		WHITE FLAG WITH HORIZONTAL MIDDLE BLACK STRIPE = Japanese self-defence force site

2700

Dingbats

27BF

	270	271	272	273	274	275	276	277	278	279	27A	27B
0												
		2710	2720	2730	2740	2750	2760	2770	2780	2790	27A0	27B0
1												
	2701	2711	2721	2731	2741	2751	2761	2771	2781	2791	27A1	27B1
2												
	2702	2712	2722	2732	2742	2752	2762	2772	2782	2792	27A2	27B2
3												
	2703	2713	2723	2733	2743	2753	2763	2773	2783	2793	27A3	27B3
4												
	2704	2714	2724	2734	2744	2754	2764	2774	2784	2794	27A4	27B4
5												
	2705	2715	2725	2735	2745	2755	2765	2775	2785	2795	27A5	27B5
6												
	2706	2716	2726	2736	2746	2756	2766	2776	2786	2796	27A6	27B6
7												
	2707	2717	2727	2737	2747	2757	2767	2777	2787	2797	27A7	27B7
8												
	2708	2718	2728	2738	2748	2758	2768	2778	2788	2798	27A8	27B8
9												
	2709	2719	2729	2739	2749	2759	2769	2779	2789	2799	27A9	27B9
A												
	270A	271A	272A	273A	274A	275A	276A	277A	278A	279A	27AA	27BA
B												
	270B	271B	272B	273B	274B	275B	276B	277B	278B	279B	27AB	27BB
C												
	270C	271C	272C	273C	274C	275C	276C	277C	278C	279C	27AC	27BC
D												
	270D	271D	272D	273D	274D	275D	276D	277D	278D	279D	27AD	27BD
E												
	270E	271E	272E	273E	274E	275E	276E	277E	278E	279E	27AE	27BE
F												
	270F	271F	272F	273F	274F	275F	276F	277F	278F	279F	27AF	27BF

2701

Dingbats

274B

ITC Zapf dingbats series 100. Some of the ITC Zapf dingbats have been unified with geometric shape characters. Gaps in the chart have subsequently been filled with other dingbat-like symbols.

- 260E ☎ black telephone
- 261B ➡ black right pointing index
- 261E ↗ white right pointing index
- 2605 ★ black star
- 25CF ● black circle
- 25A0 ■ black square
- 25B2 ▲ black up-pointing triangle
- 25BC ▼ black down-pointing triangle
- 25C6 ◆ black diamond
- 2192 → rightwards arrow
- 2194 ↔ left right arrow
- 2195 ↑ up down arrow

Miscellaneous

- 2701 ✂ UPPER BLADE SCISSORS
- 2702 ✂ BLACK SCISSORS
- 2703 ✂ LOWER BLADE SCISSORS
- 2704 ✂ WHITE SCISSORS
- 2705 ✓ WHITE HEAVY CHECK MARK
→ 2714 ✓ heavy check mark
- 2706 ☎ TELEPHONE LOCATION SIGN
→ 2121 ☎ telephone sign
→ 1F4DE 📞 telephone receiver
- 2707 📀 TAPE DRIVE
- 2708 ✈ AIRPLANE
- 2709 ✉ ENVELOPE
→ 1F4E8 ✉ incoming envelope
- 270A ✊ RAISED FIST
= rock in Rock, Paper, Scissors game
→ 1F44A 🖐 fisted hand sign
- 270B 🖐 RAISED HAND
= paper in Rock, Paper, Scissors game
→ 1F44B 🖐 waving hand sign
- 270C ✊ VICTORY HAND
= scissors in Rock, Paper, Scissors game
- 270D ✍ WRITING HAND
- 270E ✎ LOWER RIGHT PENCIL
- 270F ✎ PENCIL
- 2710 ✎ UPPER RIGHT PENCIL
- 2711 ✎ WHITE NIB
- 2712 ✎ BLACK NIB
- 2713 ✓ CHECK MARK
→ 221A √ square root
- 2714 ✓ HEAVY CHECK MARK
- 2715 ✖ MULTIPLICATION X
→ 00D7 × multiplication sign
→ 2573 ✖ box drawings light diagonal cross
- 2716 ✖ HEAVY MULTIPLICATION X
- 2717 ✖ BALLOT X
→ 2613 X saltire
- 2718 ✖ HEAVY BALLOT X

Crosses

- 2719 ☩ OUTLINED GREEK CROSS
- 271A ☩ HEAVY GREEK CROSS
- 271B ☩ OPEN CENTRE CROSS
- 271C ☩ HEAVY OPEN CENTRE CROSS
- 271D † LATIN CROSS

- 271E ☩ SHADOWED WHITE LATIN CROSS
- 271F ☩ OUTLINED LATIN CROSS
- 2720 ✠ MALTESE CROSS
• Historically, the Maltese cross took many forms; the shape shown in the Zapf Dingbats is similar to one known as the Cross Form^Åe.

Stars, asterisks and snowflakes

- 2721 ☆ STAR OF DAVID
→ 1F52F ☆ six pointed star with middle dot
- 2722 ✦ FOUR TEARDROP-SPOKED ASTERISK
- 2723 ✨ FOUR BALLOON-SPOKED ASTERISK
- 2724 ✨ HEAVY FOUR BALLOON-SPOKED ASTERISK
- 2725 ✨ FOUR CLUB-SPOKED ASTERISK
- 2726 ✦ BLACK FOUR POINTED STAR
- 2727 ✨ WHITE FOUR POINTED STAR
- 2728 ✨ SPARKLES
- 2729 ☆ STRESS OUTLINED WHITE STAR
→ 2606 ☆ white star
- 272A ☆ CIRCLED WHITE STAR
- 272B ☆ OPEN CENTRE BLACK STAR
- 272C ☆ BLACK CENTRE WHITE STAR
- 272D ☆ OUTLINED BLACK STAR
- 272E ☆ HEAVY OUTLINED BLACK STAR
- 272F ☆ PINWHEEL STAR
- 2730 ☆ SHADOWED WHITE STAR
- 2731 ✨ HEAVY ASTERISK
→ 002A * asterisk
- 2732 ✨ OPEN CENTRE ASTERISK
- 2733 ✨ EIGHT SPOKED ASTERISK
- 2734 ✨ EIGHT POINTED BLACK STAR
- 2735 ✨ EIGHT POINTED PINWHEEL STAR
- 2736 ✨ SIX POINTED BLACK STAR
= sextile
- 2737 ✨ EIGHT POINTED RECTILINEAR BLACK STAR
- 2738 ✨ HEAVY EIGHT POINTED RECTILINEAR BLACK STAR
- 2739 ✨ TWELVE POINTED BLACK STAR
- 273A ✨ SIXTEEN POINTED ASTERISK
= starburst
- 273B ✨ TEARDROP-SPOKED ASTERISK
- 273C ✨ OPEN CENTRE TEARDROP-SPOKED ASTERISK
- 273D ✨ HEAVY TEARDROP-SPOKED ASTERISK
- 273E ✨ SIX PETALLED BLACK AND WHITE FLORETTE
- 273F ✨ BLACK FLORETTE
- 2740 ✨ WHITE FLORETTE
→ 1F4AE 🌸 white flower
- 2741 ✨ EIGHT PETALLED OUTLINED BLACK FLORETTE
- 2742 ✨ CIRCLED OPEN CENTRE EIGHT POINTED STAR
- 2743 ✨ HEAVY TEARDROP-SPOKED PINWHEEL ASTERISK
- 2744 ✨ SNOWFLAKE
- 2745 ✨ TIGHT TRIFOLIATE SNOWFLAKE
- 2746 ✨ HEAVY CHEVRON SNOWFLAKE
- 2747 ✨ SPARKLE
- 2748 ✨ HEAVY SPARKLE
- 2749 ✨ BALLOON-SPOKED ASTERISK
= jack
- 274A ✨ EIGHT TEARDROP-SPOKED PROPELLER ASTERISK
- 274B ✨ HEAVY EIGHT TEARDROP-SPOKED PROPELLER ASTERISK
= turbofan

274C

Dingbats

2792

Miscellaneous

274C	✕	CROSS MARK
		• forms a game tally pair with 2B55 ○ → 00D7 ✕ multiplication sign
274D	○	SHADOWED WHITE CIRCLE
274E	⊠	NEGATIVE SQUARED CROSS MARK
274F	◻	LOWER RIGHT DROP-SHADOWED WHITE SQUARE
2750	◻	UPPER RIGHT DROP-SHADOWED WHITE SQUARE
2751	◻	LOWER RIGHT SHADOWED WHITE SQUARE
2752	◻	UPPER RIGHT SHADOWED WHITE SQUARE
2753	?	BLACK QUESTION MARK ORNAMENT
2754	⊘	WHITE QUESTION MARK ORNAMENT
2755	‡	WHITE EXCLAMATION MARK ORNAMENT
2756	❖	BLACK DIAMOND MINUS WHITE X
2757	!	HEAVY EXCLAMATION MARK SYMBOL = obstacles on the road, ARIB STD B24
2758		LIGHT VERTICAL BAR → 007C vertical line
2759	┃	MEDIUM VERTICAL BAR
275A	█	HEAVY VERTICAL BAR

Punctuation ornaments

275B	‘	HEAVY SINGLE TURNED COMMA QUOTATION MARK ORNAMENT → 2018 ‘ left single quotation mark
275C	’	HEAVY SINGLE COMMA QUOTATION MARK ORNAMENT → 2019 ’ right single quotation mark
275D	“	HEAVY DOUBLE TURNED COMMA QUOTATION MARK ORNAMENT → 201C “ left double quotation mark
275E	”	HEAVY DOUBLE COMMA QUOTATION MARK ORNAMENT → 201D ” right double quotation mark
275F	•	HEAVY LOW SINGLE COMMA QUOTATION MARK ORNAMENT → 201A , single low-9 quotation mark
2760	••	HEAVY LOW DOUBLE COMMA QUOTATION MARK ORNAMENT → 201E ,, double low-9 quotation mark
2761	¶	CURVED STEM PARAGRAPH SIGN ORNAMENT → 00B6 ¶ pilcrow sign
2762	⚡	HEAVY EXCLAMATION MARK ORNAMENT → 0021 ! exclamation mark
2763	⚡	HEAVY HEART EXCLAMATION MARK ORNAMENT
2764	♥	HEAVY BLACK HEART → 2665 ♥ black heart suit
2765	➤	ROTATED HEAVY BLACK HEART BULLET
2766	🌿	FLORAL HEART = Aldus leaf
2767	🌿	ROTATED FLORAL HEART BULLET = hederia, ivy leaf → 2619 🌿 reversed rotated floral heart bullet

Ornamental brackets

2768	(MEDIUM LEFT PARENTHESIS ORNAMENT → 0028 (left parenthesis
2769)	MEDIUM RIGHT PARENTHESIS ORNAMENT → 0029) right parenthesis
276A	(MEDIUM FLATTENED LEFT PARENTHESIS ORNAMENT
276B)	MEDIUM FLATTENED RIGHT PARENTHESIS ORNAMENT

276C	(MEDIUM LEFT-POINTING ANGLE BRACKET ORNAMENT → 2329 < left-pointing angle bracket
276D)	MEDIUM RIGHT-POINTING ANGLE BRACKET ORNAMENT → 232A > right-pointing angle bracket
276E	◀	HEAVY LEFT-POINTING ANGLE QUOTATION MARK ORNAMENT → 2039 < single left-pointing angle quotation mark
276F	▶	HEAVY RIGHT-POINTING ANGLE QUOTATION MARK ORNAMENT → 203A > single right-pointing angle quotation mark
2770	⌈	HEAVY LEFT-POINTING ANGLE BRACKET ORNAMENT
2771	⌋	HEAVY RIGHT-POINTING ANGLE BRACKET ORNAMENT
2772	{	LIGHT LEFT TORTOISE SHELL BRACKET ORNAMENT → 3014 { left tortoise shell bracket
2773	}	LIGHT RIGHT TORTOISE SHELL BRACKET ORNAMENT → 3015 } right tortoise shell bracket
2774	{	MEDIUM LEFT CURLY BRACKET ORNAMENT → 007B { left curly bracket
2775	}	MEDIUM RIGHT CURLY BRACKET ORNAMENT → 007D } right curly bracket

Dingbat circled digits

2776	❶	DINGBAT NEGATIVE CIRCLED DIGIT ONE
2777	❷	DINGBAT NEGATIVE CIRCLED DIGIT TWO
2778	❸	DINGBAT NEGATIVE CIRCLED DIGIT THREE
2779	❹	DINGBAT NEGATIVE CIRCLED DIGIT FOUR
277A	❺	DINGBAT NEGATIVE CIRCLED DIGIT FIVE
277B	❻	DINGBAT NEGATIVE CIRCLED DIGIT SIX
277C	❼	DINGBAT NEGATIVE CIRCLED DIGIT SEVEN
277D	❽	DINGBAT NEGATIVE CIRCLED DIGIT EIGHT
277E	❾	DINGBAT NEGATIVE CIRCLED DIGIT NINE
277F	❿	DINGBAT NEGATIVE CIRCLED NUMBER TEN
2780	①	DINGBAT CIRCLED SANS-SERIF DIGIT ONE
2781	②	DINGBAT CIRCLED SANS-SERIF DIGIT TWO
2782	③	DINGBAT CIRCLED SANS-SERIF DIGIT THREE
2783	④	DINGBAT CIRCLED SANS-SERIF DIGIT FOUR
2784	⑤	DINGBAT CIRCLED SANS-SERIF DIGIT FIVE
2785	⑥	DINGBAT CIRCLED SANS-SERIF DIGIT SIX
2786	⑦	DINGBAT CIRCLED SANS-SERIF DIGIT SEVEN
2787	⑧	DINGBAT CIRCLED SANS-SERIF DIGIT EIGHT
2788	⑨	DINGBAT CIRCLED SANS-SERIF DIGIT NINE
2789	⑩	DINGBAT CIRCLED SANS-SERIF NUMBER TEN
278A	❶	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT ONE
278B	❷	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT TWO
278C	❸	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT THREE
278D	❹	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT FOUR
278E	❺	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT FIVE
278F	❻	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT SIX
2790	❼	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT SEVEN
2791	❽	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT EIGHT
2792	❾	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT NINE

2793

Dingbats

27BF

2793 ⑩ DINGBAT NEGATIVE CIRCLED SANS-SERIF
 NUMBER TEN

Dingbat arrow

2794 → HEAVY WIDE-HEADED RIGHTWARDS ARROW

Heavy variants of arithmetic symbols

2795 + HEAVY PLUS SIGN
 → 002B + plus sign

2796 − HEAVY MINUS SIGN
 → 2212 − minus sign

2797 ÷ HEAVY DIVISION SIGN
 → 00F7 ÷ division sign

Dingbat arrows

- 2798 ↘ HEAVY SOUTH EAST ARROW
- 2799 → HEAVY RIGHTWARDS ARROW
- 279A ↗ HEAVY NORTH EAST ARROW
- 279B ↘ DRAFTING POINT RIGHTWARDS ARROW
- 279C → HEAVY ROUND-TIPPED RIGHTWARDS ARROW
- 279D → TRIANGLE-HEADED RIGHTWARDS ARROW
- 279E → HEAVY TRIANGLE-HEADED RIGHTWARDS ARROW
- 279F → DASHED TRIANGLE-HEADED RIGHTWARDS ARROW
- 27A0 → HEAVY DASHED TRIANGLE-HEADED RIGHTWARDS ARROW
- 27A1 → BLACK RIGHTWARDS ARROW
 • fonts may harmonize this glyph with the style for other black arrows
 → 2B05 ← leftwards black arrow
- 27A2 ➤ THREE-D TOP-LIGHTED RIGHTWARDS ARROWHEAD
- 27A3 ➤ THREE-D BOTTOM-LIGHTED RIGHTWARDS ARROWHEAD
- 27A4 ➤ BLACK RIGHTWARDS ARROWHEAD
- 27A5 ↩ HEAVY BLACK CURVED DOWNWARDS AND RIGHTWARDS ARROW
- 27A6 ↩ HEAVY BLACK CURVED UPWARDS AND RIGHTWARDS ARROW
- 27A7 ↩ SQUAT BLACK RIGHTWARDS ARROW
- 27A8 ↩ HEAVY CONCAVE-POINTED BLACK RIGHTWARDS ARROW
- 27A9 ⇨ RIGHT-SHADED WHITE RIGHTWARDS ARROW
- 27AA ⇨ LEFT-SHADED WHITE RIGHTWARDS ARROW
- 27AB ⇨ BACK-TILTED SHADOWED WHITE RIGHTWARDS ARROW
- 27AC ⇨ FRONT-TILTED SHADOWED WHITE RIGHTWARDS ARROW
- 27AD ⇨ HEAVY LOWER RIGHT-SHADOWED WHITE RIGHTWARDS ARROW
- 27AE ⇨ HEAVY UPPER RIGHT-SHADOWED WHITE RIGHTWARDS ARROW
- 27AF ⇨ NOTCHED LOWER RIGHT-SHADOWED WHITE RIGHTWARDS ARROW

Miscellaneous

27B0 ⚡ CURLY LOOP
 = kururi

Dingbat arrows

- 27B1 ⇨ NOTCHED UPPER RIGHT-SHADOWED WHITE RIGHTWARDS ARROW
- 27B2 ↻ CIRCLED HEAVY WHITE RIGHTWARDS ARROW
- 27B3 ⇨ WHITE-FEATHERED RIGHTWARDS ARROW
- 27B4 ↘ BLACK-FEATHERED SOUTH EAST ARROW
- 27B5 ↗ BLACK-FEATHERED RIGHTWARDS ARROW
- 27B6 ↗ BLACK-FEATHERED NORTH EAST ARROW

27B7 ↘ HEAVY BLACK-FEATHERED SOUTH EAST ARROW

27B8 → HEAVY BLACK-FEATHERED RIGHTWARDS ARROW

27B9 ↗ HEAVY BLACK-FEATHERED NORTH EAST ARROW

27BA → TEARDROP-BARBED RIGHTWARDS ARROW

27BB → HEAVY TEARDROP-SHANKED RIGHTWARDS ARROW

27BC → WEDGE-TAILED RIGHTWARDS ARROW

27BD → HEAVY WEDGE-TAILED RIGHTWARDS ARROW

27BE ⇒ OPEN-OUTLINED RIGHTWARDS ARROW

































































































































Miscellaneous

27BF ⚡ DOUBLE CURLY LOOP

2900

Supplemental Arrows-B

297F

	290	291	292	293	294	295	296	297
0	 2900	 2910	 2920	 2930	 2940	 2950	 2960	 2970
1	 2901	 2911	 2921	 2931	 2941	 2951	 2961	 2971
2	 2902	 2912	 2922	 2932	 2942	 2952	 2962	 2972
3	 2903	 2913	 2923	 2933	 2943	 2953	 2963	 2973
4	 2904	 2914	 2924	 2934	 2944	 2954	 2964	 2974
5	 2905	 2915	 2925	 2935	 2945	 2955	 2965	 2975
6	 2906	 2916	 2926	 2936	 2946	 2956	 2966	 2976
7	 2907	 2917	 2927	 2937	 2947	 2957	 2967	 2977
8	 2908	 2918	 2928	 2938	 2948	 2958	 2968	 2978
9	 2909	 2919	 2929	 2939	 2949	 2959	 2969	 2979
A	 290A	 291A	 292A	 293A	 294A	 295A	 296A	 297A
B	 290B	 291B	 292B	 293B	 294B	 295B	 296B	 297B
C	 290C	 291C	 292C	 293C	 294C	 295C	 296C	 297C
D	 290D	 291D	 292D	 293D	 294D	 295D	 296D	 297D
E	 290E	 291E	 292E	 293E	 294E	 295E	 296E	 297E
F	 290F	 291F	 292F	 293F	 294F	 295F	 296F	 297F

2900

Supplemental Arrows-B

2937

Miscellaneous arrows

- 2900 ➔ RIGHTWARDS TWO-HEADED ARROW WITH VERTICAL STROKE
= z notation partial surjection
→ 2B34 ⇄ leftwards two-headed arrow with vertical stroke
- 2901 ⇄ RIGHTWARDS TWO-HEADED ARROW WITH DOUBLE VERTICAL STROKE
= z notation finite surjection
→ 2B35 ⇄ leftwards two-headed arrow with double vertical stroke
- 2902 ⇄ LEFTWARDS DOUBLE ARROW WITH VERTICAL STROKE
- 2903 ⇄ RIGHTWARDS DOUBLE ARROW WITH VERTICAL STROKE
- 2904 ⇄ LEFT RIGHT DOUBLE ARROW WITH VERTICAL STROKE
- 2905 ↦ RIGHTWARDS TWO-HEADED ARROW FROM BAR
= maps to
→ 2B36 ⇄ leftwards two-headed arrow from bar
- 2906 ⇄ LEFTWARDS DOUBLE ARROW FROM BAR
= maps from
→ 27FB ←↦ long leftwards arrow from bar
- 2907 ⇄ RIGHTWARDS DOUBLE ARROW FROM BAR
= maps to
→ 27FC ↦ long rightwards arrow from bar
- 2908 ↓ DOWNWARDS ARROW WITH HORIZONTAL STROKE
- 2909 ↑ UPWARDS ARROW WITH HORIZONTAL STROKE
- 290A ⇄ UPWARDS TRIPLE ARROW
→ 21D1 ⇄ upwards double arrow
→ 27F0 ⇄ upwards quadruple arrow
- 290B ⇄ DOWNWARDS TRIPLE ARROW
→ 21D3 ⇄ downwards double arrow
→ 27F1 ⇄ downwards quadruple arrow
- 290C ← LEFTWARDS DOUBLE DASH ARROW
- 290D → RIGHTWARDS DOUBLE DASH ARROW
- 290E ⇄ LEFTWARDS TRIPLE DASH ARROW
- 290F → RIGHTWARDS TRIPLE DASH ARROW
- 2910 ⇄ RIGHTWARDS TWO-HEADED TRIPLE DASH ARROW
→ 2B37 ⇄ leftwards two-headed triple dash arrow
- 2911 → RIGHTWARDS ARROW WITH DOTTED STEM
→ 2B38 ←↔ leftwards arrow with dotted stem
- 2912 ↑ UPWARDS ARROW TO BAR
- 2913 ↓ DOWNWARDS ARROW TO BAR
- 2914 ➔ RIGHTWARDS ARROW WITH TAIL WITH VERTICAL STROKE
= z notation partial injection
→ 2B39 ⇄ leftwards arrow with tail with vertical stroke
- 2915 ⇄ RIGHTWARDS ARROW WITH TAIL WITH DOUBLE VERTICAL STROKE
= z notation finite injection
→ 2B3A ⇄ leftwards arrow with tail with double vertical stroke
- 2916 ➔ RIGHTWARDS TWO-HEADED ARROW WITH TAIL
= bijective mapping
= z notation bijection
→ 2B3B ⇄ leftwards two-headed arrow with tail

- 2917 ➔ RIGHTWARDS TWO-HEADED ARROW WITH TAIL WITH VERTICAL STROKE
= z notation surjective injection
→ 2B3C ⇄ leftwards two-headed arrow with tail with vertical stroke
- 2918 ⇄ RIGHTWARDS TWO-HEADED ARROW WITH TAIL WITH DOUBLE VERTICAL STROKE
= z notation finite surjective injection
→ 2B3D ⇄ leftwards two-headed arrow with tail with double vertical stroke

Arrow tails

- 2919 ↙ LEFTWARDS ARROW-TAIL
- 291A ↘ RIGHTWARDS ARROW-TAIL
- 291B ↙ LEFTWARDS DOUBLE ARROW-TAIL
- 291C ↘ RIGHTWARDS DOUBLE ARROW-TAIL

Miscellaneous arrows

- 291D ⇄ LEFTWARDS ARROW TO BLACK DIAMOND
- 291E → RIGHTWARDS ARROW TO BLACK DIAMOND
- 291F ⇄ LEFTWARDS ARROW FROM BAR TO BLACK DIAMOND
- 2920 ⇄ RIGHTWARDS ARROW FROM BAR TO BLACK DIAMOND
- 2921 ↖ NORTH WEST AND SOUTH EAST ARROW
- 2922 ↗ NORTH EAST AND SOUTH WEST ARROW
- 2923 ↖ NORTH WEST ARROW WITH HOOK
- 2924 ↗ NORTH EAST ARROW WITH HOOK
- 2925 ↘ SOUTH EAST ARROW WITH HOOK
- 2926 ↙ SOUTH WEST ARROW WITH HOOK

Crossing arrows for knot theory

- 2927 ✕ NORTH WEST ARROW AND NORTH EAST ARROW
- 2928 ✕ NORTH EAST ARROW AND SOUTH EAST ARROW
- 2929 ✕ SOUTH EAST ARROW AND SOUTH WEST ARROW
- 292A ✕ SOUTH WEST ARROW AND NORTH WEST ARROW
- 292B ✕ RISING DIAGONAL CROSSING FALLING DIAGONAL
- 292C ✕ FALLING DIAGONAL CROSSING RISING DIAGONAL
→ 26CC ✕ crossing lanes
- 292D ✕ SOUTH EAST ARROW CROSSING NORTH EAST ARROW
- 292E ✕ NORTH EAST ARROW CROSSING SOUTH EAST ARROW
- 292F ✕ FALLING DIAGONAL CROSSING NORTH EAST ARROW
- 2930 ✕ RISING DIAGONAL CROSSING SOUTH EAST ARROW
- 2931 ✕ NORTH EAST ARROW CROSSING NORTH WEST ARROW
- 2932 ✕ NORTH WEST ARROW CROSSING NORTH EAST ARROW

































































































Miscellaneous curved arrows

- 2933 ~ WAVE ARROW POINTING DIRECTLY RIGHT
→ 219D ~ rightwards wave arrow
→ 2B3F ~ wave arrow pointing directly left
- 2934 ↘ ARROW POINTING RIGHTWARDS THEN CURVING UPWARDS
- 2935 ↙ ARROW POINTING RIGHTWARDS THEN CURVING DOWNWARDS
- 2936 ↙ ARROW POINTING DOWNWARDS THEN CURVING LEFTWARDS
- 2937 ↘ ARROW POINTING DOWNWARDS THEN CURVING RIGHTWARDS

2B00

Miscellaneous Symbols and Arrows

2BFF

	2B0	2B1	2B2	2B3	2B4	2B5	2B6	2B7	2B8	2B9	2BA	2BB	2BC	2BD	2BE	2BF
0																
1																
2																
3																
4																
5																
6																
7																
8																
9																
A																
B																
C																
D																
E																
F																

2B00

Miscellaneous Symbols and Arrows

2B39

White and black arrows

Other white and black arrows to complete this set can be found in the *Arrows and Dingbats* blocks.

2B00	↗	NORTH EAST WHITE ARROW
2B01	↖	NORTH WEST WHITE ARROW
2B02	↘	SOUTH EAST WHITE ARROW
2B03	↙	SOUTH WEST WHITE ARROW
2B04	↔	LEFT RIGHT WHITE ARROW
		→ 21E6 ↔ leftwards white arrow
		→ 21F3 ⇕ up down white arrow
2B05	←	LEFTWARDS BLACK ARROW
		→ 27A1 → black rightwards arrow
2B06	↑	UPWARDS BLACK ARROW
2B07	↓	DOWNWARDS BLACK ARROW
2B08	↗	NORTH EAST BLACK ARROW
2B09	↖	NORTH WEST BLACK ARROW
2B0A	↘	SOUTH EAST BLACK ARROW
2B0B	↙	SOUTH WEST BLACK ARROW
2B0C	↔	LEFT RIGHT BLACK ARROW
2B0D	⇕	UP DOWN BLACK ARROW

Arrows with bent tips

Other arrows with bent tips to complete this set can be found in the *Arrows* block.

2B0E	↘	RIGHTWARDS ARROW WITH TIP DOWNWARDS
2B0F	↗	RIGHTWARDS ARROW WITH TIP UPWARDS
2B10	↙	LEFTWARDS ARROW WITH TIP DOWNWARDS
2B11	↖	LEFTWARDS ARROW WITH TIP UPWARDS

Squares

2B12	◼	SQUARE WITH TOP HALF BLACK
		→ 25E7 ◼ square with left half black
2B13	◼	SQUARE WITH BOTTOM HALF BLACK
2B14	◻	SQUARE WITH UPPER RIGHT DIAGONAL HALF BLACK
2B15	◻	SQUARE WITH LOWER LEFT DIAGONAL HALF BLACK

Diamonds

2B16	◈	DIAMOND WITH LEFT HALF BLACK
2B17	◈	DIAMOND WITH RIGHT HALF BLACK
2B18	◈	DIAMOND WITH TOP HALF BLACK
2B19	◈	DIAMOND WITH BOTTOM HALF BLACK

Squares

2B1A	◻	DOTTED SQUARE
2B1B	◼	BLACK LARGE SQUARE
		→ 25A0 ◼ black square
2B1C	◻	WHITE LARGE SQUARE
		→ 25A1 ◻ white square
2B1D	▪	BLACK VERY SMALL SQUARE
		→ 25AA ▪ black small square
2B1E	◻	WHITE VERY SMALL SQUARE
		→ 25AB ◻ white small square

Pentagons

2B1F	⬛	BLACK PENTAGON
2B20	⬜	WHITE PENTAGON

Hexagons

2B21	⬜	WHITE HEXAGON
2B22	⬛	BLACK HEXAGON
2B23	⬛	HORIZONTAL BLACK HEXAGON

Circle

2B24	●	BLACK LARGE CIRCLE
		→ 25CF ● black circle
		→ 25EF ○ large circle
		→ 1F534 ● large red circle

Diamonds and lozenges

2B25	◆	BLACK MEDIUM DIAMOND
		→ 25C6 ◆ black diamond
2B26	◇	WHITE MEDIUM DIAMOND
		→ 25C7 ◇ white diamond
		→ 1F754 ◇ alchemical symbol for soap
2B27	⬤	BLACK MEDIUM LOZENGE
2B28	◇	WHITE MEDIUM LOZENGE
		→ 25CA ◇ lozenge
2B29	◆	BLACK SMALL DIAMOND
		→ 22C4 ◊ diamond operator
		→ 1F538 ◆ small orange diamond
2B2A	⬤	BLACK SMALL LOZENGE
2B2B	◇	WHITE SMALL LOZENGE

Ellipses

2B2C	●	BLACK HORIZONTAL ELLIPSE
2B2D	○	WHITE HORIZONTAL ELLIPSE
2B2E	●	BLACK VERTICAL ELLIPSE
2B2F	○	WHITE VERTICAL ELLIPSE

Mathematical arrows

These provide the opposite direction complement for arrows for mathematical use not originally encoded in both a leftwards and rightwards direction.

2B30	↩	LEFT ARROW WITH SMALL CIRCLE
		→ 21F4 ⇨ right arrow with small circle
2B31	↩	THREE LEFTWARDS ARROWS
		→ 21F6 ⇨ three rightwards arrows
2B32	↩	LEFT ARROW WITH CIRCLED PLUS
		→ 27F4 ⊕ right arrow with circled plus
2B33	↩	LONG LEFTWARDS SQUIGGLE ARROW
		→ 27FF ⇨ long rightwards squiggle arrow
		→ 21DC ⇨ leftwards squiggle arrow
2B34	↩	LEFTWARDS TWO-HEADED ARROW WITH VERTICAL STROKE
		→ 2900 ⇨ rightwards two-headed arrow with vertical stroke
2B35	↩	LEFTWARDS TWO-HEADED ARROW WITH DOUBLE VERTICAL STROKE
		→ 2901 ⇨ rightwards two-headed arrow with double vertical stroke
2B36	↩	LEFTWARDS TWO-HEADED ARROW FROM BAR
		→ 2905 ⇨ rightwards two-headed arrow from bar
2B37	↩	LEFTWARDS TWO-HEADED TRIPLE DASH ARROW
		→ 2910 ⇨ rightwards two-headed triple dash arrow
2B38	↩	LEFTWARDS ARROW WITH DOTTED STEM
		→ 2911 ⇨ rightwards arrow with dotted stem
2B39	↩	LEFTWARDS ARROW WITH TAIL WITH VERTICAL STROKE
		→ 2914 ⇨ rightwards arrow with tail with vertical stroke

2B3A

Miscellaneous Symbols and Arrows

2B59

- 2B3A ⇐ LEFTWARDS ARROW WITH TAIL WITH DOUBLE VERTICAL STROKE
 → 2915 ⇨ rightwards arrow with tail with double vertical stroke
- 2B3B ⇐ LEFTWARDS TWO-HEADED ARROW WITH TAIL
 → 2916 ⇨ rightwards two-headed arrow with tail
- 2B3C ⇐ LEFTWARDS TWO-HEADED ARROW WITH TAIL WITH VERTICAL STROKE
 → 2917 ⇨ rightwards two-headed arrow with tail with vertical stroke
- 2B3D ⇐ LEFTWARDS TWO-HEADED ARROW WITH TAIL WITH DOUBLE VERTICAL STROKE
 → 2918 ⇨ rightwards two-headed arrow with tail with double vertical stroke
- 2B3E ⇐ LEFTWARDS ARROW THROUGH X
 → 2947 ⇨ rightwards arrow through x
- 2B3F ↶ WAVE ARROW POINTING DIRECTLY LEFT
 → 2933 ~> wave arrow pointing directly right
 → 219C ~< leftwards wave arrow
- 2B40 ⚭ EQUALS SIGN ABOVE LEFTWARDS ARROW
 → 2971 ⚭ equals sign above rightwards arrow
- 2B41 ⇐ REVERSE TILDE OPERATOR ABOVE LEFTWARDS ARROW
 • mirror image of “⇨”
 → 2972 ⇨ tilde operator above rightwards arrow
- 2B42 ⇐ LEFTWARDS ARROW ABOVE REVERSE ALMOST EQUAL TO
 • mirror image of “⇨”
 → 2975 ⇨ rightwards arrow above almost equal to
- 2B43 ➤ RIGHTWARDS ARROW THROUGH GREATER-THAN
 • mirror image of “<<”
 → 2977 << leftwards arrow through less-than
- 2B44 ➤ RIGHTWARDS ARROW THROUGH SUPERSET
 • mirror image of “⊂”
 → 297A ⊂ leftwards arrow through subset
- 2B45 ⇐ LEFTWARDS QUADRUPLE ARROW
 → 27F0 ⤴ upwards quadruple arrow
- 2B46 ⇐ RIGHTWARDS QUADRUPLE ARROW
- 2B47 ⇐ REVERSE TILDE OPERATOR ABOVE RIGHTWARDS ARROW
- 2B48 ⇐ RIGHTWARDS ARROW ABOVE REVERSE ALMOST EQUAL TO
- 2B49 ⇐ TILDE OPERATOR ABOVE LEFTWARDS ARROW
- 2B4A ⇐ LEFTWARDS ARROW ABOVE ALMOST EQUAL TO
- 2B4B ⇐ LEFTWARDS ARROW ABOVE REVERSE TILDE OPERATOR
 • mirror image of “⇨”
 → 2974 ⇨ rightwards arrow above tilde operator
- 2B4C ⇐ RIGHTWARDS ARROW ABOVE REVERSE TILDE OPERATOR
 • mirror image of “⇨”
 → 2973 ⇨ leftwards arrow above tilde operator

Stars

- 2B50 ★ WHITE MEDIUM STAR
 → 22C6 ★ star operator
- 2B51 ★ BLACK SMALL STAR
 → 066D ★ arabic five pointed star
- 2B52 ★ WHITE SMALL STAR

Pentagons

- 2B53 ⬠ BLACK RIGHT-POINTING PENTAGON

- 2B54 ⬠ WHITE RIGHT-POINTING PENTAGON

Traffic sign from ARIB STD B24

- 2B55 ○ HEAVY LARGE CIRCLE
 = basic symbol for speed limit
 • forms a game tally pair with 274C ✖
 → 25EF ○ large circle

































































Dictionary and map symbols from ARIB STD B24

- 2B56 ○ HEAVY OVAL WITH OVAL INSIDE
 = prefectural office
- 2B57 ○ HEAVY CIRCLE WITH CIRCLE INSIDE
 = municipal office
 → 25CE ○ bullseye
- 2B58 ○ HEAVY CIRCLE
 = town or village office
 → 25CB ○ white circle
- 2B59 ⊗ HEAVY CIRCLED SALTIRE
 = police station
 → 2A02 ⊗ n-ary circled times operator

3000

CJK Symbols and Punctuation

303F

	300	301	302	303
0	 3000	 3010	 3020	 3030
1	 3001	 3011	 3021	 3031
2	 3002	 3012	 3022	 3032
3	 3003	 3013	 3023	 3033
4	 3004	 3014	 3024	 3034
5	 3005	 3015	 3025	 3035
6	 3006	 3016	 3026	 3036
7	 3007	 3017	 3027	 3037
8	 3008	 3018	 3028	 3038
9	 3009	 3019	 3029	 3039
A	 300A	 301A	 302A	 303A
B	 300B	 301B	 302B	 303B
C	 300C	 301C	 302C	 303C
D	 300D	 301D	 302D	 303D
E	 300E	 301E	 302E	 303E
F	 300F	 301F	 302F	 303F

302A

CJK Symbols and Punctuation

303F

Diacritics

- 302A ◌̄ IDEOGRAPHIC LEVEL TONE MARK
302B ◌̅ IDEOGRAPHIC RISING TONE MARK
302C ◌̆ IDEOGRAPHIC DEPARTING TONE MARK
302D ◌̇ IDEOGRAPHIC ENTERING TONE MARK
302E ◌̈ IDEOGRAPHIC SINGLE DOT TONE MARK
= single dot Bangjeom
302F ◌̉ IDEOGRAPHIC DOUBLE DOT TONE MARK
= double dot Bangjeom

Other CJK symbols

- 3030 ~ WAVY DASH
→ 2307 𐄌 wavy line
→ 301C 𐄎 wave dash
- 3031 𐄑 VERTICAL KANA REPEAT MARK
3032 𐄒 VERTICAL KANA REPEAT WITH VOICED SOUND MARK
• the preceding two semantic characters are preferred to the following three glyphic forms
- 3033 / VERTICAL KANA REPEAT MARK UPPER HALF
3034 /̇ VERTICAL KANA REPEAT WITH VOICED SOUND MARK UPPER HALF
• the preceding two are glyphs used in conjunction with the following glyph
- 3035 \ VERTICAL KANA REPEAT MARK LOWER HALF
3036 ㊦ CIRCLED POSTAL MARK
≈ 3012 𐄒 postal mark
- 3037 𐄘 IDEOGRAPHIC TELEGRAPH LINE FEED SEPARATOR SYMBOL

Additional Suzhou numerals

- 3038 十 HANGZHOU NUMERAL TEN
≈ 5341 𠫪
- 3039 廿 HANGZHOU NUMERAL TWENTY
≈ 5344 𠫬
- 303A 卅 HANGZHOU NUMERAL THIRTY
≈ 5345 𠫭

Other CJK punctuation

- 303B 𐄚 VERTICAL IDEOGRAPHIC ITERATION MARK
303C ㊦ MASU MARK
• informal abbreviation for Japanese -masu ending
→ 29C4 𐄚 squared rising diagonal slash
- 303D 𐄛 PART ALTERNATION MARK
• marks the start of a song part in Japanese

Special CJK indicators

These are visibly displayed graphic characters, not invisible format control characters.

- 303E ㊦ IDEOGRAPHIC VARIATION INDICATOR
• visual indicator that the following ideograph is to be taken as a variant of the intended character
- 303F ㊦ IDEOGRAPHIC HALF FILL SPACE
• visual indicator of a screen space for half of an ideograph

3200

Enclosed CJK Letters and Months

32FF

	320	321	322	323	324	325	326	327	328	329	32A	32B	32C	32D	32E	32F
0	(ㄱ) 3200	(다) 3210	(一) 3220	(日) 3230	(祭) 3240	PTE 3250	(ㄱ) 3260	(다) 3270	(一) 3280	(日) 3290	(項) 32A0	(夜) 32B0	1月 32C0	(ア) 32D0	(チ) 32E0	(ム) 32F0
1	(ㄴ) 3201	(라) 3211	(二) 3221	(株) 3231	(休) 3241	(21) 3251	(ㄴ) 3261	(라) 3271	(二) 3281	(株) 3291	(休) 32A1	(36) 32B1	2月 32C1	(イ) 32D1	(ツ) 32E1	(メ) 32F1
2	(ㄷ) 3202	(마) 3212	(三) 3222	(有) 3232	(自) 3242	(22) 3252	(ㄷ) 3262	(마) 3272	(三) 3282	(有) 3292	(写) 32A2	(37) 32B2	3月 32C2	(ウ) 32D2	(テ) 32E2	(モ) 32F2
3	(ㄹ) 3203	(바) 3213	(四) 3223	(社) 3233	(至) 3243	(23) 3253	(ㄹ) 3263	(바) 3273	(四) 3283	(社) 3293	(正) 32A3	(38) 32B3	4月 32C3	(エ) 32D3	(ト) 32E3	(ヤ) 32F3
4	(ㄴ) 3204	(사) 3214	(五) 3224	(名) 3234	(問) 3244	(24) 3254	(ㄴ) 3264	(사) 3274	(五) 3284	(名) 3294	(上) 32A4	(39) 32B4	5月 32C4	(オ) 32D4	(ナ) 32E4	(ユ) 32F4
5	(ㄷ) 3205	(아) 3215	(六) 3225	(特) 3235	(幼) 3245	(25) 3255	(ㄷ) 3265	(아) 3275	(六) 3285	(特) 3295	(中) 32A5	(40) 32B5	6月 32C5	(カ) 32D5	(ニ) 32E5	(ヨ) 32F5
6	(ㄸ) 3206	(자) 3216	(七) 3226	(財) 3236	(文) 3246	(26) 3256	(ㄸ) 3266	(자) 3276	(七) 3286	(財) 3296	(下) 32A6	(41) 32B6	7月 32C6	(キ) 32D6	(ヌ) 32E6	(ラ) 32F6
7	(ㅇ) 3207	(차) 3217	(八) 3227	(祝) 3237	(箏) 3247	(27) 3257	(ㅇ) 3267	(차) 3277	(八) 3287	(祝) 3297	(左) 32A7	(42) 32B7	8月 32C7	(ク) 32D7	(ネ) 32E7	(リ) 32F7
8	(ㅈ) 3208	(카) 3218	(九) 3228	(勞) 3238	(10) 3248	(28) 3258	(ㅈ) 3268	(카) 3278	(九) 3288	(勞) 3298	(右) 32A8	(43) 32B8	9月 32C8	(ケ) 32D8	(ノ) 32E8	(ル) 32F8
9	(ㅊ) 3209	(타) 3219	(十) 3229	(代) 3239	(20) 3249	(29) 3259	(ㅊ) 3269	(타) 3279	(十) 3289	(秘) 3299	(医) 32A9	(44) 32B9	10月 32C9	(コ) 32D9	(ハ) 32E9	(レ) 32F9
A	(ㅋ) 320A	(파) 321A	(月) 322A	(呼) 323A	(30) 324A	(30) 325A	(ㅋ) 326A	(파) 327A	(月) 328A	(男) 329A	(宗) 32AA	(45) 32BA	11月 32CA	(サ) 32DA	(ヒ) 32EA	(ロ) 32FA
B	(ㅌ) 320B	(하) 321B	(火) 322B	(学) 323B	(40) 324B	(31) 325B	(ㅌ) 326B	(하) 327B	(火) 328B	(女) 329B	(学) 32AB	(46) 32BB	12月 32CB	(シ) 32DB	(フ) 32EB	(ワ) 32FB
C	(ㄷ) 320C	(주) 321C	(水) 322C	(監) 323C	(50) 324C	(32) 325C	(ㄷ) 326C	(참고) 327C	(水) 328C	(適) 329C	(監) 32AC	(47) 32BC	Hg 32CC	(ス) 32DC	(ヘ) 32EC	(年) 32FC
D	(ㅎ) 320D	(오전) 321D	(木) 322D	(企) 323D	(60) 324D	(33) 325D	(ㅎ) 326D	(주의) 327D	(木) 328D	(優) 329D	(企) 32AD	(48) 32BD	erg 32CD	(セ) 32DD	(ホ) 32ED	(エ) 32FD
E	(가) 320E	(오후) 321E	(金) 322E	(資) 323E	(70) 324E	(34) 325E	(가) 326E	(우) 327E	(金) 328E	(印) 329E	(資) 32AE	(49) 32BE	eV 32CE	(ソ) 32DE	(マ) 32EE	(ヲ) 32FE
F	(나) 320F	(Hatched) 321F	(土) 322F	(協) 323F	(80) 324F	(35) 325F	(나) 326F	(₩) 327F	(土) 328F	(注) 329F	(協) 32AF	(50) 32BF	LTD 32CF	(タ) 32DF	(ミ) 32EF	(Hatched) 32FF

3269

Enclosed CJK Letters and Months

329A

- 3269 ㉮ CIRCLED HANGUL CHIEUCH
≈ <circle> 110E ㉮
- 326A ㉯ CIRCLED HANGUL KHIEUKH
≈ <circle> 110F ㉯
- 326B ㉺ CIRCLED HANGUL THIEUTH
≈ <circle> 1110 ㉺
- 326C ㉻ CIRCLED HANGUL PHIEUPH
≈ <circle> 1111 ㉻
- 326D ㉼ CIRCLED HANGUL HIEUH
≈ <circle> 1112 ㉼

Circled Hangul syllables

- 326E ㉽ CIRCLED HANGUL KIYEOK A
≈ <circle> 1100 ㉽ 1161 ㉽
- 326F ㉿ CIRCLED HANGUL NIEUN A
≈ <circle> 1102 ㉿ 1161 ㉿
- 3270 ㊀ CIRCLED HANGUL TIKEUT A
≈ <circle> 1103 ㊀ 1161 ㊀
- 3271 ㊁ CIRCLED HANGUL RIEUL A
≈ <circle> 1105 ㊁ 1161 ㊁
- 3272 ㊂ CIRCLED HANGUL MIEUM A
≈ <circle> 1106 ㊂ 1161 ㊂
- 3273 ㊃ CIRCLED HANGUL PIEUP A
≈ <circle> 1107 ㊃ 1161 ㊃
- 3274 ㊄ CIRCLED HANGUL SIOS A
≈ <circle> 1109 ㊄ 1161 ㊄
- 3275 ㊅ CIRCLED HANGUL IEUNG A
≈ <circle> 110B ㊅ 1161 ㊅
- 3276 ㊆ CIRCLED HANGUL CIEUC A
≈ <circle> 110C ㊆ 1161 ㊆
- 3277 ㊇ CIRCLED HANGUL CHIEUCH A
≈ <circle> 110E ㊇ 1161 ㊇
- 3278 ㊈ CIRCLED HANGUL KHIEUKH A
≈ <circle> 110F ㊈ 1161 ㊈
- 3279 ㊉ CIRCLED HANGUL THIEUTH A
≈ <circle> 1110 ㊉ 1161 ㊉
- 327A ㊊ CIRCLED HANGUL PHIEUPH A
≈ <circle> 1111 ㊊ 1161 ㊊
- 327B ㊋ CIRCLED HANGUL HIEUH A
≈ <circle> 1112 ㊋ 1161 ㊋

Circled Korean words

- 327C ㊌ CIRCLED KOREAN CHARACTER CHAMKO
≈ <circle> 110E ㊌ 1161 ㊌ 11B7 ㊌ 1100 ㊌ 1169 ㊌
- 327D ㊍ CIRCLED KOREAN CHARACTER JUEUI
≈ <circle> 110C ㊍ 116E ㊍ 110B ㊍ 1174 ㊍

Circled Hangul syllable

- 327E ㊎ CIRCLED HANGUL IEUNG U
• postal code mark
≈ <circle> 110B ㊎ 116E ㊎

Symbol

- 327F ㊏ KOREAN STANDARD SYMBOL

Circled ideographs

















































- 3280 ㊑ CIRCLED IDEOGRAPH ONE
= maru-iti, symbol of unification
≈ <circle> 4E00 ㊑
- 3281 ㊒ CIRCLED IDEOGRAPH TWO
≈ <circle> 4E8C ㊒

- 3282 ㊓ CIRCLED IDEOGRAPH THREE
≈ <circle> 4E09 ㊓
- 3283 ㊔ CIRCLED IDEOGRAPH FOUR
≈ <circle> 56DB ㊔
- 3284 ㊕ CIRCLED IDEOGRAPH FIVE
≈ <circle> 4E94 ㊕
- 3285 ㊖ CIRCLED IDEOGRAPH SIX
≈ <circle> 516D ㊖
- 3286 ㊗ CIRCLED IDEOGRAPH SEVEN
≈ <circle> 4E03 ㊗
- 3287 ㊘ CIRCLED IDEOGRAPH EIGHT
≈ <circle> 516B ㊘
- 3288 ㊙ CIRCLED IDEOGRAPH NINE
≈ <circle> 4E5D ㊙
- 3289 ㊚ CIRCLED IDEOGRAPH TEN
≈ <circle> 5341 ㊚
- 328A ㊛ CIRCLED IDEOGRAPH MOON
• Monday
≈ <circle> 6708 ㊛
- 328B ㊜ CIRCLED IDEOGRAPH FIRE
• Tuesday
≈ <circle> 706B ㊜
- 328C ㊝ CIRCLED IDEOGRAPH WATER
• Wednesday
≈ <circle> 6C34 ㊝
- 328D ㊞ CIRCLED IDEOGRAPH WOOD
• Thursday
≈ <circle> 6728 ㊞
- 328E ㊟ CIRCLED IDEOGRAPH METAL
• Friday
≈ <circle> 91D1 ㊟
- 328F ㊠ CIRCLED IDEOGRAPH EARTH
• Saturday
≈ <circle> 571F ㊠
- 3290 ㊡ CIRCLED IDEOGRAPH SUN
• Sunday
≈ <circle> 65E5 ㊡
- 3291 ㊢ CIRCLED IDEOGRAPH STOCK
• incorporated
≈ <circle> 682A ㊢
- 3292 ㊣ CIRCLED IDEOGRAPH HAVE
• limited
≈ <circle> 6709 ㊣
- 3293 ㊤ CIRCLED IDEOGRAPH SOCIETY
• company
≈ <circle> 793E ㊤
- 3294 ㊥ CIRCLED IDEOGRAPH NAME
≈ <circle> 540D ㊥
- 3295 ㊦ CIRCLED IDEOGRAPH SPECIAL
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- 3296 ㊧ CIRCLED IDEOGRAPH FINANCIAL
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- 3297 ㊨ CIRCLED IDEOGRAPH CONGRATULATION
≈ <circle> 795D ㊨
- 3298 ㊩ CIRCLED IDEOGRAPH LABOR
≈ <circle> 52B4 ㊩
- 3299 ㊪ CIRCLED IDEOGRAPH SECRET
≈ <circle> 79D8 ㊪
- 329A ㊫ CIRCLED IDEOGRAPH MALE
≈ <circle> 7537 ㊫

1F000

Mahjong Tiles

1F02F





	1F00	1F01	1F02
0	 1F000	 1F010	 1F020
1	 1F001	 1F011	 1F021
2	 1F002	 1F012	 1F022
3	 1F003	 1F013	 1F023
4	 1F004	 1F014	 1F024
5	 1F005	 1F015	 1F025
6	 1F006	 1F016	 1F026
7	 1F007	 1F017	 1F027
8	 1F008	 1F018	 1F028
9	 1F009	 1F019	 1F029
A	 1F00A	 1F01A	 1F02A
B	 1F00B	 1F01B	 1F02B
C	 1F00C	 1F01C	 1F02B
D	 1F00D	 1F01D	 1F02B
E	 1F00E	 1F01E	 1F02B
F	 1F00F	 1F01F	 1F02B

1F000



Mahjong Tiles

1F02B




Prevailing wind tiles

- 1F000  MAHJONG TILE EAST WIND
1F001  MAHJONG TILE SOUTH WIND
1F002  MAHJONG TILE WEST WIND
1F003  MAHJONG TILE NORTH WIND










Miscellaneous tiles

- 1F02A  MAHJONG TILE JOKER
= baida
1F02B  MAHJONG TILE BACK










Dragon tiles

- 1F004  MAHJONG TILE RED DRAGON
= hongzhong
1F005  MAHJONG TILE GREEN DRAGON
= qingfa
1F006  MAHJONG TILE WHITE DRAGON
= baiban










Character suit tiles

- 1F007  MAHJONG TILE ONE OF CHARACTERS
= wan
1F008  MAHJONG TILE TWO OF CHARACTERS
1F009  MAHJONG TILE THREE OF CHARACTERS
1F00A  MAHJONG TILE FOUR OF CHARACTERS
1F00B  MAHJONG TILE FIVE OF CHARACTERS
1F00C  MAHJONG TILE SIX OF CHARACTERS
1F00D  MAHJONG TILE SEVEN OF CHARACTERS
1F00E  MAHJONG TILE EIGHT OF CHARACTERS
1F00F  MAHJONG TILE NINE OF CHARACTERS





Bamboo suit tiles

- 1F010  MAHJONG TILE ONE OF BAMBOOS
= tiao
1F011  MAHJONG TILE TWO OF BAMBOOS
1F012  MAHJONG TILE THREE OF BAMBOOS
1F013  MAHJONG TILE FOUR OF BAMBOOS
1F014  MAHJONG TILE FIVE OF BAMBOOS
1F015  MAHJONG TILE SIX OF BAMBOOS
1F016  MAHJONG TILE SEVEN OF BAMBOOS
1F017  MAHJONG TILE EIGHT OF BAMBOOS
1F018  MAHJONG TILE NINE OF BAMBOOS





Circle suit tiles

- 1F019  MAHJONG TILE ONE OF CIRCLES
= bing
1F01A  MAHJONG TILE TWO OF CIRCLES
1F01B  MAHJONG TILE THREE OF CIRCLES
1F01C  MAHJONG TILE FOUR OF CIRCLES
1F01D  MAHJONG TILE FIVE OF CIRCLES
1F01E  MAHJONG TILE SIX OF CIRCLES
1F01F  MAHJONG TILE SEVEN OF CIRCLES
1F020  MAHJONG TILE EIGHT OF CIRCLES
1F021  MAHJONG TILE NINE OF CIRCLES

Flower tiles

- 1F022  MAHJONG TILE PLUM
= mei
1F023  MAHJONG TILE ORCHID
= lan
1F024  MAHJONG TILE BAMBOO
= zhu
1F025  MAHJONG TILE CHRYSANTHEMUM
= ju

































































































Season tiles

- 1F026  MAHJONG TILE SPRING
1F027  MAHJONG TILE SUMMER
1F028  MAHJONG TILE AUTUMN
1F029  MAHJONG TILE WINTER

1F0A0

Playing Cards

1F0FF

	1F0A	1F0B	1F0C	1F0D	1F0E	1F0F
0	 1F0A0					
1	 1F0A1	 1F0B1	 1F0C1	 1F0D1		
2	 1F0A2	 1F0B2	 1F0C2	 1F0D2		
3	 1F0A3	 1F0B3	 1F0C3	 1F0D3		
4	 1F0A4	 1F0B4	 1F0C4	 1F0D4		
5	 1F0A5	 1F0B5	 1F0C5	 1F0D5		
6	 1F0A6	 1F0B6	 1F0C6	 1F0D6		
7	 1F0A7	 1F0B7	 1F0C7	 1F0D7		
8	 1F0A8	 1F0B8	 1F0C8	 1F0D8		
9	 1F0A9	 1F0B9	 1F0C9	 1F0D9		
A	 1F0AA	 1F0BA	 1F0CA	 1F0DA		
B	 1F0AB	 1F0BB	 1F0CB	 1F0DB		
C	 1F0AC	 1F0BC	 1F0CC	 1F0DC		
D	 1F0AD	 1F0BD	 1F0CD	 1F0DD		
E	 1F0AE	 1F0BE	 1F0CE	 1F0DE		
F			 1F0CF	 1F0DF		

1F0A0

Playing Cards















1F0DF

These characters are used to represent the 52-card and 56-card variants of modern playing cards, as well as the 56-card Minor Arcana of the Western Tarot. The glyphs shown in the charts have only a symbolic and schematic equivalence to particular varieties of actual playing cards.

Back of card

1F0A0  PLAYING CARD BACK















Spades or swords

1F0A1  PLAYING CARD ACE OF SPADES
 1F0A2  PLAYING CARD TWO OF SPADES
 1F0A3  PLAYING CARD THREE OF SPADES
 1F0A4  PLAYING CARD FOUR OF SPADES
 1F0A5  PLAYING CARD FIVE OF SPADES
 1F0A6  PLAYING CARD SIX OF SPADES
 1F0A7  PLAYING CARD SEVEN OF SPADES
 1F0A8  PLAYING CARD EIGHT OF SPADES
 1F0A9  PLAYING CARD NINE OF SPADES
 1F0AA  PLAYING CARD TEN OF SPADES
 1F0AB  PLAYING CARD JACK OF SPADES
 = valet, Bube, Unter, Page, fante
 = page of swords
 1F0AC  PLAYING CARD KNIGHT OF SPADES
 = chevalier, Ober, Ritter, cavall, cavaliere
 = knight of swords
 1F0AD  PLAYING CARD QUEEN OF SPADES
 = dame, Dame, K nigin, regina
 = queen of swords
 1F0AE  PLAYING CARD KING OF SPADES
 = roi, K nig, re
 = king of swords


Hearts or cups

1F0B1  PLAYING CARD ACE OF HEARTS
 1F0B2  PLAYING CARD TWO OF HEARTS
 1F0B3  PLAYING CARD THREE OF HEARTS
 1F0B4  PLAYING CARD FOUR OF HEARTS
 1F0B5  PLAYING CARD FIVE OF HEARTS
 1F0B6  PLAYING CARD SIX OF HEARTS
 1F0B7  PLAYING CARD SEVEN OF HEARTS
 1F0B8  PLAYING CARD EIGHT OF HEARTS
 1F0B9  PLAYING CARD NINE OF HEARTS
 1F0BA  PLAYING CARD TEN OF HEARTS
 1F0BB  PLAYING CARD JACK OF HEARTS
 1F0BC  PLAYING CARD KNIGHT OF HEARTS
 1F0BD  PLAYING CARD QUEEN OF HEARTS
 1F0BE  PLAYING CARD KING OF HEARTS

Diamonds or pentacles

1F0C1  PLAYING CARD ACE OF DIAMONDS
 1F0C2  PLAYING CARD TWO OF DIAMONDS
 1F0C3  PLAYING CARD THREE OF DIAMONDS
 1F0C4  PLAYING CARD FOUR OF DIAMONDS
 1F0C5  PLAYING CARD FIVE OF DIAMONDS
 1F0C6  PLAYING CARD SIX OF DIAMONDS
 1F0C7  PLAYING CARD SEVEN OF DIAMONDS
 1F0C8  PLAYING CARD EIGHT OF DIAMONDS
 1F0C9  PLAYING CARD NINE OF DIAMONDS
 1F0CA  PLAYING CARD TEN OF DIAMONDS
 1F0CB  PLAYING CARD JACK OF DIAMONDS
 1F0CC  PLAYING CARD KNIGHT OF DIAMONDS
 1F0CD  PLAYING CARD QUEEN OF DIAMONDS
 1F0CE  PLAYING CARD KING OF DIAMONDS

Joker

1F0CF  PLAYING CARD BLACK JOKER

Clubs or wands

1F0D1  PLAYING CARD ACE OF CLUBS
 1F0D2  PLAYING CARD TWO OF CLUBS
 1F0D3  PLAYING CARD THREE OF CLUBS
 1F0D4  PLAYING CARD FOUR OF CLUBS
 1F0D5  PLAYING CARD FIVE OF CLUBS
 1F0D6  PLAYING CARD SIX OF CLUBS
 1F0D7  PLAYING CARD SEVEN OF CLUBS
 1F0D8  PLAYING CARD EIGHT OF CLUBS
 1F0D9  PLAYING CARD NINE OF CLUBS
 1F0DA  PLAYING CARD TEN OF CLUBS
 1F0DB  PLAYING CARD JACK OF CLUBS
 1F0DC  PLAYING CARD KNIGHT OF CLUBS
 1F0DD  PLAYING CARD QUEEN OF CLUBS
 1F0DE  PLAYING CARD KING OF CLUBS

Joker

1F0DF  PLAYING CARD WHITE JOKER
 • may also be red

1F170

Enclosed Alphanumeric Supplement

1F1FF

White on black squared Latin letters

The square edges may be slightly rounded.

- 1F170 **A** NEGATIVE SQUARED LATIN CAPITAL LETTER A
= blood type A
- 1F171 **B** NEGATIVE SQUARED LATIN CAPITAL LETTER B
= blood type B
- 1F172 **C** NEGATIVE SQUARED LATIN CAPITAL LETTER C
= centre, city centre
- 1F173 **D** NEGATIVE SQUARED LATIN CAPITAL LETTER D
- 1F174 **E** NEGATIVE SQUARED LATIN CAPITAL LETTER E
- 1F175 **F** NEGATIVE SQUARED LATIN CAPITAL LETTER F
= Feuerwache (fire department)
- 1F176 **G** NEGATIVE SQUARED LATIN CAPITAL LETTER G
- 1F177 **H** NEGATIVE SQUARED LATIN CAPITAL LETTER H
= Haltestelle (bus stop)
→ 1F68F 🚏 bus stop
- 1F178 **I** NEGATIVE SQUARED LATIN CAPITAL LETTER I
- 1F179 **J** NEGATIVE SQUARED LATIN CAPITAL LETTER J
= junction (ARIB STD B24)
- 1F17A **K** NEGATIVE SQUARED LATIN CAPITAL LETTER K
- 1F17B **L** NEGATIVE SQUARED LATIN CAPITAL LETTER L
= leisure center (ARIB STD B24)
- 1F17C **M** NEGATIVE SQUARED LATIN CAPITAL LETTER M
= museum, cultural center (ARIB STD B24)
- 1F17D **N** NEGATIVE SQUARED LATIN CAPITAL LETTER N
- 1F17E **O** NEGATIVE SQUARED LATIN CAPITAL LETTER O
= blood type O
- 1F17F **P** NEGATIVE SQUARED LATIN CAPITAL LETTER P
= parking space empty-full (ARIB STD B24)
- 1F180 **Q** NEGATIVE SQUARED LATIN CAPITAL LETTER Q
- 1F181 **R** NEGATIVE SQUARED LATIN CAPITAL LETTER R
- 1F182 **S** NEGATIVE SQUARED LATIN CAPITAL LETTER S
- 1F183 **T** NEGATIVE SQUARED LATIN CAPITAL LETTER T
- 1F184 **U** NEGATIVE SQUARED LATIN CAPITAL LETTER U
- 1F185 **V** NEGATIVE SQUARED LATIN CAPITAL LETTER V
- 1F186 **W** NEGATIVE SQUARED LATIN CAPITAL LETTER W
- 1F187 **X** NEGATIVE SQUARED LATIN CAPITAL LETTER X
- 1F188 **Y** NEGATIVE SQUARED LATIN CAPITAL LETTER Y
- 1F189 **Z** NEGATIVE SQUARED LATIN CAPITAL LETTER Z
- 1F18A **Ⓜ** CROSSED NEGATIVE SQUARED LATIN CAPITAL LETTER P
= parking space closed
- 1F18B **IC** NEGATIVE SQUARED IC
= interchange, ramp
- 1F18C **PA** NEGATIVE SQUARED PA
= parking area
- 1F18D **SA** NEGATIVE SQUARED SA
= service area
- 1F18E **AB** NEGATIVE SQUARED AB
= blood type AB
- 1F18F **WC** NEGATIVE SQUARED WC
= water closet, public toilet

Squared Latin letter sequences

- 1F190 **DJ** SQUARE DJ
= disc jockey
≈ <square> 0044 D 004A J
- 1F191 **CL** SQUARED CL
= clear
- 1F192 **COOL** SQUARED COOL
- 1F193 **FREE** SQUARED FREE
= free postage
- 1F194 **ID** SQUARED ID
= identification, ID
- 1F195 **NEW** SQUARED NEW
- 1F196 **NG** SQUARED NG
= no good
- 1F197 **OK** SQUARED OK
- 1F198 **SOS** SQUARED SOS
= search, hunt for missing person
- 1F199 **UPI** SQUARED UP WITH EXCLAMATION MARK
= new information, update
- 1F19A **VS** SQUARED VS
= versus

Regional indicator symbols

These characters can be used in pairs to represent regional codes. In some emoji implementations, certain pairs may be recognized and displayed by alternate means; for instance, an implementation might recognize F + R and display this combination with a symbol representing the flag of France.

- 1F1E6 **A** REGIONAL INDICATOR SYMBOL LETTER A
- 1F1E7 **B** REGIONAL INDICATOR SYMBOL LETTER B
- 1F1E8 **C** REGIONAL INDICATOR SYMBOL LETTER C
- 1F1E9 **D** REGIONAL INDICATOR SYMBOL LETTER D
- 1F1EA **E** REGIONAL INDICATOR SYMBOL LETTER E
- 1F1EB **F** REGIONAL INDICATOR SYMBOL LETTER F
- 1F1EC **G** REGIONAL INDICATOR SYMBOL LETTER G
- 1F1ED **H** REGIONAL INDICATOR SYMBOL LETTER H
- 1F1EE **I** REGIONAL INDICATOR SYMBOL LETTER I
- 1F1EF **J** REGIONAL INDICATOR SYMBOL LETTER J
- 1F1F0 **K** REGIONAL INDICATOR SYMBOL LETTER K
- 1F1F1 **L** REGIONAL INDICATOR SYMBOL LETTER L
- 1F1F2 **M** REGIONAL INDICATOR SYMBOL LETTER M
- 1F1F3 **N** REGIONAL INDICATOR SYMBOL LETTER N
- 1F1F4 **O** REGIONAL INDICATOR SYMBOL LETTER O
- 1F1F5 **P** REGIONAL INDICATOR SYMBOL LETTER P
- 1F1F6 **Q** REGIONAL INDICATOR SYMBOL LETTER Q
- 1F1F7 **R** REGIONAL INDICATOR SYMBOL LETTER R
- 1F1F8 **S** REGIONAL INDICATOR SYMBOL LETTER S
- 1F1F9 **T** REGIONAL INDICATOR SYMBOL LETTER T
- 1F1FA **U** REGIONAL INDICATOR SYMBOL LETTER U
- 1F1FB **V** REGIONAL INDICATOR SYMBOL LETTER V
- 1F1FC **W** REGIONAL INDICATOR SYMBOL LETTER W
- 1F1FD **X** REGIONAL INDICATOR SYMBOL LETTER X
- 1F1FE **Y** REGIONAL INDICATOR SYMBOL LETTER Y
- 1F1FF **Z** REGIONAL INDICATOR SYMBOL LETTER Z

1F200

Enclosed Ideographic Supplement

1F2FF

	1F20	1F21	1F22	1F23	1F24	1F25	1F26	1F27	1F28	1F29	1F2A	1F2B	1F2C	1F2D	1F2E	1F2F
0	ほか 1F200	手 1F210	初 1F220	走 1F230	本 1F240	得 1F250										
1	コ 1F201	字 1F211	終 1F221	打 1F231	三 1F241	可 1F251										
2	サ 1F202	双 1F212	生 1F222	禁 1F232	二 1F242											
3		テ 1F213	販 1F223	空 1F233	安 1F243											
4		二 1F214	声 1F224	合 1F234	点 1F244											
5		多 1F215	吹 1F225	満 1F235	打 1F245											
6		解 1F216	演 1F226	有 1F236	盗 1F246											
7		天 1F217	投 1F227	月 1F237	勝 1F247											
8		交 1F218	捕 1F228	申 1F238	敗 1F248											
9		映 1F219	一 1F229	割 1F239												
A		無 1F21A	三 1F22A	營 1F23A												
B		料 1F21B	遊 1F22B													
C		前 1F21C	左 1F22C													
D		後 1F21D	中 1F22D													
E		再 1F21E	右 1F22E													
F		新 1F21F	指 1F22F													

1F200

Enclosed Ideographic Supplement

1F231

Squared hiragana from ARIB STD B24

1F200 𠄎 SQUARE HIRAGANA HOKA
 = and others
 ≈ <square> 307B 𠄎 304B か

Squared katakana

1F201 𠄏 SQUARE KATAKANA KOKO
 = here sign
 ≈ <square> 30B3 𠄏 30B3 コ

1F202 𠄐 SQUARE KATAKANA SA
 = service sign
 → 32DA ㊦ circled katakana sa
 ≈ <square> 30B5 𠄐

Squared ideographs and kana from ARIB STD B24

1F210 𠄑 SQUARE CJK UNIFIED IDEOGRAPH-624B
 = broadcasting service with sign language interpretation
 ≈ <square> 624B 手

1F211 𠄒 SQUARE CJK UNIFIED IDEOGRAPH-5B57
 = close-captioned broadcasting
 ≈ <square> 5B57 字

1F212 𠄓 SQUARE CJK UNIFIED IDEOGRAPH-53CC
 = two-way broadcasting service
 ≈ <square> 53CC 双

1F213 𠄔 SQUARE KATAKANA DE
 = data broadcasting service linked with a main program
 ≈ <square> 30C7 ㊦

1F214 𠄕 SQUARE CJK UNIFIED IDEOGRAPH-4E8C
 = bilingual broadcasting service
 = second base
 ≈ <square> 4E8C 二

1F215 𠄖 SQUARE CJK UNIFIED IDEOGRAPH-591A
 = sound-multiplex broadcasting service
 ≈ <square> 591A 多

1F216 𠄗 SQUARE CJK UNIFIED IDEOGRAPH-89E3
 = commentary broadcasting
 ≈ <square> 89E3 解

1F217 𠄘 SQUARE CJK UNIFIED IDEOGRAPH-5929
 = weather forecast
 ≈ <square> 5929 天

1F218 𠄙 SQUARE CJK UNIFIED IDEOGRAPH-4EA4
 = traffic information
 ≈ <square> 4EA4 交

1F219 𠄚 SQUARE CJK UNIFIED IDEOGRAPH-6620
 = drama film
 ≈ <square> 6620 映

1F21A 𠄛 SQUARE CJK UNIFIED IDEOGRAPH-7121
 = free broadcasting service
 = non-existence sign
 ≈ <square> 7121 無

1F21B 𠄜 SQUARE CJK UNIFIED IDEOGRAPH-6599
 = pay broadcasting service
 ≈ <square> 6599 料

1F21C 𠄝 SQUARE CJK UNIFIED IDEOGRAPH-524D
 = the first part
 ≈ <square> 524D 前

1F21D 𠄞 SQUARE CJK UNIFIED IDEOGRAPH-5F8C
 = the latter part
 ≈ <square> 5F8C 後

1F21E 𠄟 SQUARE CJK UNIFIED IDEOGRAPH-518D
 = rebroadcast
 ≈ <square> 518D 再

1F21F 𠄠 SQUARE CJK UNIFIED IDEOGRAPH-65B0
 = new series of programs
 ≈ <square> 65B0 新

1F220 𠄡 SQUARE CJK UNIFIED IDEOGRAPH-521D
 = first released program
 ≈ <square> 521D 初

1F221 𠄢 SQUARE CJK UNIFIED IDEOGRAPH-7D42
 = the last episode
 ≈ <square> 7D42 終

1F222 𠄣 SQUARE CJK UNIFIED IDEOGRAPH-751F
 = live broadcast
 ≈ <square> 751F 生

1F223 𠄤 SQUARE CJK UNIFIED IDEOGRAPH-8CA9
 = mail-order
 ≈ <square> 8CA9 販

1F224 𠄥 SQUARE CJK UNIFIED IDEOGRAPH-58F0
 = voice actors
 ≈ <square> 58F0 声

1F225 𠄦 SQUARE CJK UNIFIED IDEOGRAPH-5439
 = dubbed version
 ≈ <square> 5439 吹

1F226 𠄧 SQUARE CJK UNIFIED IDEOGRAPH-6F14
 = performed by
 ≈ <square> 6F14 演

1F227 𠄨 SQUARE CJK UNIFIED IDEOGRAPH-6295
 = pitcher
 ≈ <square> 6295 投

1F228 𠄩 SQUARE CJK UNIFIED IDEOGRAPH-6355
 = catcher
 ≈ <square> 6355 捕

1F229 𠄪 SQUARE CJK UNIFIED IDEOGRAPH-4E00
 = first base
 ≈ <square> 4E00 一

1F22A 𠄫 SQUARE CJK UNIFIED IDEOGRAPH-4E09
 = third base
 ≈ <square> 4E09 三

1F22B 𠄬 SQUARE CJK UNIFIED IDEOGRAPH-904A
 = short stop
 ≈ <square> 904A 遊

1F22C 𠄭 SQUARE CJK UNIFIED IDEOGRAPH-5DE6
 = left field
 ≈ <square> 5DE6 左

1F22D 𠄮 SQUARE CJK UNIFIED IDEOGRAPH-4E2D
 = center field
 ≈ <square> 4E2D 中

1F22E 𠄯 SQUARE CJK UNIFIED IDEOGRAPH-53F3
 = right field
 ≈ <square> 53F3 右

1F22F 𠄰 SQUARE CJK UNIFIED IDEOGRAPH-6307
 = designated hitter
 = reserved sign
 ≈ <square> 6307 指

1F230 𠄱 SQUARE CJK UNIFIED IDEOGRAPH-8D70
 = runner
 ≈ <square> 8D70 走

1F231 𠄲 SQUARE CJK UNIFIED IDEOGRAPH-6253
 = batter
 ≈ <square> 6253 打

1F232

Enclosed Ideographic Supplement

1F251

Squared ideographs

1F232	禁	SQUARED CJK UNIFIED IDEOGRAPH-7981 = prohibited sign ≈ <square> 7981 禁
1F233	空	SQUARED CJK UNIFIED IDEOGRAPH-7A7A = empty sign ≈ <square> 7A7A 空
1F234	合	SQUARED CJK UNIFIED IDEOGRAPH-5408 = passed sign ≈ <square> 5408 合
1F235	滿	SQUARED CJK UNIFIED IDEOGRAPH-6E80 = full sign ≈ <square> 6E80 滿
1F236	有	SQUARED CJK UNIFIED IDEOGRAPH-6709 = existence sign → 3292 有 circled ideograph have ≈ <square> 6709 有
1F237	月	SQUARED CJK UNIFIED IDEOGRAPH-6708 = monthly sign → 328A 月 circled ideograph moon ≈ <square> 6708 月
1F238	申	SQUARED CJK UNIFIED IDEOGRAPH-7533 = application sign ≈ <square> 7533 申
1F239	割	SQUARED CJK UNIFIED IDEOGRAPH-5272 = discount sign ≈ <square> 5272 割
1F23A	營	SQUARED CJK UNIFIED IDEOGRAPH-55B6 = in business sign ≈ <square> 55B6 營

1F247	勝	TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-52DD = win ≈ 3014 (52DD 勝 3015)
1F248	敗	TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-6557 = loss ≈ 3014 (6557 敗 3015)

Circled ideographs

1F250	得	CIRCLED IDEOGRAPH ADVANTAGE = advantage sign ≈ <circle> 5F97 得
1F251	可	CIRCLED IDEOGRAPH ACCEPT = accept sign ≈ <circle> 53EF 可

Ideographs with tortoise shell brackets from ARIB STD B24

1F240	本	TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-672C = home run ≈ 3014 (672C 本 3015)
1F241	三	TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-4E09 = triple ≈ 3014 (4E09 三 3015)
1F242	二	TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-4E8C = double ≈ 3014 (4E8C 二 3015)
1F243	安	TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-5B89 = safe ≈ 3014 (5B89 安 3015)
1F244	点	TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-70B9 = run ≈ 3014 (70B9 点 3015)
1F245	打	TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-6253 = hit ≈ 3014 (6253 打 3015)
1F246	盜	TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-76D7 = steal ≈ 3014 (76D7 盜 3015)

1F300 **Miscellaneous Symbols and Pictographs** **1F3FF**

	1F30	1F31	1F32	1F33	1F34	1F35	1F36	1F37	1F38	1F39	1F3A	1F3B	1F3C	1F3D	1F3E	1F3F
0	1F300	1F310	1F320	1F330	1F340	1F350	1F360	1F370	1F380	1F390	1F3A0	1F3B0	1F3C0		1F3E0	1F3F0
1	1F301	1F311		1F331	1F341	1F351	1F361	1F371	1F381	1F391	1F3A1	1F3B1	1F3C1		1F3E1	
2	1F302	1F312		1F332	1F342	1F352	1F362	1F372	1F382	1F392	1F3A2	1F3B2	1F3C2		1F3E2	
3	1F303	1F313		1F333	1F343	1F353	1F363	1F373	1F383	1F393	1F3A3	1F3B3	1F3C3		1F3E3	
4	1F304	1F314		1F334	1F344	1F354	1F364	1F374	1F384		1F3A4	1F3B4	1F3C4		1F3E4	
5	1F305	1F315		1F335	1F345	1F355	1F365	1F375	1F385		1F3A5	1F3B5			1F3E5	
6	1F306	1F316			1F346	1F356	1F366	1F376	1F386		1F3A6	1F3B6	1F3C6		1F3E6	
7	1F307	1F317		1F337	1F347	1F357	1F367	1F377	1F387		1F3A7	1F3B7	1F3C7		1F3E7	
8	1F308	1F318		1F338	1F348	1F358	1F368	1F378	1F388		1F3A8	1F3B8	1F3C8		1F3E8	
9	1F309	1F319		1F339	1F349	1F359	1F369	1F379	1F389		1F3A9	1F3B9	1F3C9		1F3E9	
A	1F30A	1F31A		1F33A	1F34A	1F35A	1F36A	1F37A	1F38A		1F3AA	1F3BA	1F3CA		1F3EA	
B	1F30B	1F31B		1F33B	1F34B	1F35B	1F36B	1F37B	1F38B		1F3AB	1F3BB			1F3EB	
C	1F30C	1F31C		1F33C	1F34C	1F35C	1F36C	1F37C	1F38C		1F3AC	1F3BC			1F3EC	
D	1F30D	1F31D		1F33D	1F34D	1F35D	1F36D		1F38D		1F3AD	1F3BD			1F3ED	
E	1F30E	1F31E		1F33E	1F34E	1F35E	1F36E		1F38E		1F3AE	1F3BE			1F3EE	
F	1F30F	1F31F		1F33F	1F34F	1F35F	1F36F		1F38F		1F3AF	1F3BF			1F3EF	



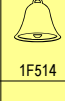
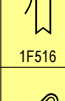
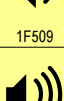
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1	1F401	1F411	1F421	1F431	1F441	1F451	1F461	1F471	1F481	1F491	1F4A1	1F4B1	1F4C1	1F4D1	1F4E1	1F4F1
2	1F402	1F412	1F422	1F432	1F442	1F452	1F462	1F472	1F482	1F492	1F4A2	1F4B2	1F4C2	1F4D2	1F4E2	1F4F2
3	1F403	1F413	1F423	1F433	1F443	1F453	1F463	1F473	1F483	1F493	1F4A3	1F4B3	1F4C3	1F4D3	1F4E3	1F4F3
4	1F404	1F414	1F424	1F434	1F444	1F454	1F464	1F474	1F484	1F494	1F4A4	1F4B4	1F4C4	1F4D4	1F4E4	1F4F4
5	1F405	1F415	1F425	1F435	1F445	1F455	1F465	1F475	1F485	1F495	1F4A5	1F4B5	1F4C5	1F4D5	1F4E5	1F4F5
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9	1F409	1F419	1F429	1F439	1F449	1F459	1F469	1F479	1F489	1F499	1F4A9	1F4B9	1F4C9	1F4D9	1F4E9	1F4F9
A	1F40A	1F41A	1F42A	1F43A	1F44A	1F45A	1F46A	1F47A	1F48A	1F49A	1F4AA	1F4BA	1F4CA	1F4DA	1F4EA	1F4FA
B	1F40B	1F41B	1F42B	1F43B	1F44B	1F45B	1F46B	1F47B	1F48B	1F49B	1F4AB	1F4BB	1F4CB	1F4DB	1F4EB	1F4FB
C	1F40C	1F41C	1F42C	1F43C	1F44C	1F45C	1F46C	1F47C	1F48C	1F49C	1F4AC	1F4BC	1F4CC	1F4DC	1F4EC	1F4FC
D	1F40D	1F41D	1F42D	1F43D	1F44D	1F45D	1F46D	1F47D	1F48D	1F49D	1F4AD	1F4BD	1F4CD	1F4DD	1F4ED	1F4FD
E	1F40E	1F41E	1F42E	1F43E	1F44E	1F45E	1F46E	1F47E	1F48E	1F49E	1F4AE	1F4BE	1F4CE	1F4DE	1F4EE	1F4FE
F	1F40F	1F41F	1F42F	1F43F	1F44F	1F45F	1F46F	1F47F	1F48F	1F49F	1F4AF	1F4BF	1F4CF	1F4DF	1F4EF	1F4FF

1F500

Miscellaneous Symbols and Pictographs

1F5FF

	1F50	1F51	1F52	1F53	1F54	1F55	1F56	1F57	1F58	1F59	1F5A	1F5B	1F5C	1F5D	1F5E	1F5F
0																
1																
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A																
B																
C																
D																
E																
F																

1F300 **Miscellaneous Symbols and Pictographs** **1F36F**

Weather, landscape, and sky symbols

1F300	☯	CYCLONE = typhoon, hurricane
1F301	🌫	FOGGY
1F302	☂	CLOSED UMBRELLA
1F303	🌃	NIGHT WITH STARS
1F304	🌄	SUNRISE OVER MOUNTAINS
1F305	🌅	SUNRISE
1F306	🌆	CITYSCAPE AT DUSK
1F307	🌇	SUNSET OVER BUILDINGS
1F308	🌈	RAINBOW
1F309	🌉	BRIDGE AT NIGHT
1F30A	🌊	WATER WAVE
1F30B	🌋	VOLCANO
1F30C	🌌	MILKY WAY

Globe symbols

1F30D	🌐	EARTH GLOBE EUROPE-AFRICA
1F30E	🌐	EARTH GLOBE AMERICAS
1F30F	🌐	EARTH GLOBE ASIA-AUSTRALIA
1F310	🌐	GLOBE WITH MERIDIANS • used to indicate international input source, world clocks with time zones, etc.

Moon, sun, and star symbols

1F311	🌑	NEW MOON SYMBOL → 25CF 🌑 black circle
1F312	🌒	WAXING CRESCENT MOON SYMBOL
1F313	🌓	FIRST QUARTER MOON SYMBOL = half moon → 25D0 🌓 circle with left half black
1F314	🌔	WAXING GIBBOUS MOON SYMBOL = waxing moon
1F315	🌕	FULL MOON SYMBOL → 25CB 🌕 white circle
1F316	🌖	WANING GIBBOUS MOON SYMBOL
1F317	🌗	LAST QUARTER MOON SYMBOL → 25D1 🌗 circle with right half black
1F318	🌘	WANING CRESCENT MOON SYMBOL
1F319	🌙	CRESCENT MOON • may indicate either the first or last quarter moon → 263D 🌙 first quarter moon → 263E 🌙 last quarter moon
1F31A	🌚	NEW MOON WITH FACE
1F31B	🌛	FIRST QUARTER MOON WITH FACE
1F31C	🌜	LAST QUARTER MOON WITH FACE
1F31D	🌝	FULL MOON WITH FACE
1F31E	🌞	SUN WITH FACE
1F31F	🌟	GLOWING STAR
1F320	🌠	SHOOTING STAR

Plant symbols

1F330	🌰	CHESTNUT
1F331	🌱	SEEDLING
1F332	🌲	EVERGREEN TREE
1F333	🌳	DECIDUOUS TREE
1F334	🌴	PALM TREE
1F335	🌵	CACTUS
1F336	🌿	<reserved>
1F337	🌷	TULIP → 2698 🌷 flower
1F338	🌸	CHERRY BLOSSOM
1F339	🌹	ROSE
1F33A	🌺	HIBISCUS

1F33B	🌻	SUNFLOWER
1F33C	🌼	BLOSSOM = daisy
1F33D	🌽	EAR OF MAIZE
1F33E	🌾	EAR OF RICE
1F33F	🌿	HERB
1F340	🍀	FOUR LEAF CLOVER → 2618 🍀 shamrock
1F341	🍁	MAPLE LEAF
1F342	🍂	FALLEN LEAF
1F343	🍃	LEAF FLUTTERING IN WIND
1F344	🍄	MUSHROOM

Fruit and vegetable symbols

1F345	🍅	TOMATO
1F346	🍆	AUBERGINE = eggplant
1F347	🍇	GRAPES
1F348	🍈	MELON
1F349	🍉	WATERMELON
1F34A	🍊	TANGERINE
1F34B	🍋	LEMON
1F34C	🍌	BANANA
1F34D	🍍	PINEAPPLE
1F34E	🍎	RED APPLE
1F34F	🍏	GREEN APPLE
1F350	🍐	PEAR
1F351	🍑	PEACH
1F352	🍒	CHERRIES
1F353	🍓	STRAWBERRY

Food symbols

1F354	🍔	HAMBURGER = fast food place
1F355	🍕	SLICE OF PIZZA
1F356	🍖	MEAT ON BONE
1F357	🍗	POULTRY LEG
1F358	🍞	RICE CRACKER
1F359	🍡	RICE BALL
1F35A	🍛	COOKED RICE = bowl of rice
1F35B	🍜	CURRY AND RICE = Japanese style curry
1F35C	🍝	STEAMING BOWL = ramen noodles
1F35D	🍝	SPAGHETTI
1F35E	🍞	BREAD
1F35F	🍟	FRENCH FRIES
1F360	🍠	ROASTED SWEET POTATO
1F361	🍡	DANGO = mochi balls on skewer
1F362	🍢	ODEN = seafood on skewer
1F363	🍣	SUSHI
1F364	🍤	FRIED SHRIMP
1F365	🍥	FISH CAKE WITH SWIRL DESIGN
1F366	🍦	SOFT ICE CREAM
1F367	🍧	SHAVED ICE
1F368	🍩	ICE CREAM
1F369	🍪	DOUGHNUT
1F36A	🍪	COOKIE = biscuit
1F36B	🍫	CHOCOLATE BAR
1F36C	🍬	CANDY
1F36D	🍭	LOLLIPOP
1F36E	🍮	CUSTARD
1F36F	🍯	HONEY POT

1F370

Miscellaneous Symbols and Pictographs

1F3C3

1F370		SHORTCAKE
1F371		BENTO BOX
1F372		POT OF FOOD
1F373		COOKING = frying pan, cooking utensil
1F374		FORK AND KNIFE = restaurant, meal • glyph may show a fork and spoon • glyph may show a crossed fork and knife • glyph may show a fork and knife with a plate

Beverage symbols

1F375		TEACUP WITHOUT HANDLE → 2615 hot beverage → 26FE cup on black square
1F376		SAKE BOTTLE AND CUP
1F377		WINE GLASS
1F378		COCKTAIL GLASS
1F379		TROPICAL DRINK
1F37A		BEER MUG
1F37B		CLINKING BEER MUGS = cheers
1F37C		BABY BOTTLE

Celebration symbols

1F380		RIBBON
1F381		WRAPPED PRESENT → 1F4E6 package
1F382		BIRTHDAY CAKE
1F383		JACK-O-LANTERN = Hallowe'en
1F384		CHRISTMAS TREE
1F385		FATHER CHRISTMAS = Santa Claus
1F386		FIREWORKS
1F387		FIREWORK SPARKLER • long, stick-like firework that looks like a burning incense stick
1F388		BALLOON
1F389		PARTY POPPER
1F38A		CONFETTI BALL = congratulations
1F38B		TANABATA TREE = tanabata tree with wishing papers
1F38C		CROSSED FLAGS • Japanese national holiday
1F38D		PINE DECORATION • Japanese new year's door decoration
1F38E		JAPANESE DOLLS • Japanese Hinamatsuri or girls' doll festival
1F38F		CARP STREAMER
1F390		WIND CHIME
1F391		MOON VIEWING CEREMONY • Japanese Otsukimi harvest celebration
1F392		SCHOOL SACHEL • Japanese school entrance ceremony
1F393		GRADUATION CAP • graduation ceremony

Entertainment symbols

1F3A0		CAROUSEL HORSE = amusement park
1F3A1		FERRIS WHEEL = amusement park
1F3A2		ROLLER COASTER

1F3A3		FISHING POLE AND FISH = fishing
1F3A4		MICROPHONE = karaoke
1F3A5		MOVIE CAMERA = film, movies
1F3A6		CINEMA = movie theater, movie projector
1F3A7		HEADPHONE = music
1F3A8		ARTIST PALETTE = art
1F3A9		TOP HAT = drama, performing arts, theater
1F3AA		CIRCUS TENT = event
1F3AB		TICKET • indicates an event
1F3AC		CLAPPER BOARD
1F3AD		PERFORMING ARTS

Game symbols

1F3AE		VIDEO GAME = video game controller
1F3AF		DIRECT HIT = archery target, hitting the target → 25CE bullseye
1F3B0		SLOT MACHINE
1F3B1		BILLIARDS
1F3B2		GAME DIE
1F3B3		BOWLING
1F3B4		FLOWER PLAYING CARDS = flower cards

Music symbols

1F3B5		MUSICAL NOTE = music, being in good mood → 266A eighth note
1F3B6		MULTIPLE MUSICAL NOTES = dancing notes, mood, melody → 266B beamed eighth notes
1F3B7		SAXOPHONE
1F3B8		GUITAR
1F3B9		MUSICAL KEYBOARD
1F3BA		TRUMPET
1F3BB		VIOLIN
1F3BC		MUSICAL SCORE → 1D11E musical symbol g clef

Sport symbols








See other sport symbols in the Miscellaneous Symbols block.

1F3BD		RUNNING SHIRT WITH SASH
1F3BE		TENNIS RACQUET AND BALL = tennis
1F3BF		SKI AND SKI BOOT = skiing → 26F7 skier
1F3C0		BASKETBALL AND HOOP = basketball
1F3C1		CHEQUERED FLAG = motor sports
1F3C2		SNOWBOARDER
1F3C3		RUNNER = running, marathon, track and fields
























1F3C4

Miscellaneous Symbols and Pictographs










1F42A



































1F3C4	 SURFER = surfing
1F3C5	 <reserved>
1F3C6	 TROPHY
1F3C7	 HORSE RACING
1F3C8	 AMERICAN FOOTBALL
1F3C9	 RUGBY FOOTBALL
1F3CA	 SWIMMER

Building and map symbols

1F3E0	 HOUSE BUILDING
1F3E1	 HOUSE WITH GARDEN = home, house with yard
1F3E2	 OFFICE BUILDING
1F3E3	 JAPANESE POST OFFICE → 3012  postal mark
1F3E4	 EUROPEAN POST OFFICE
1F3E5	 HOSPITAL → 26E8  black cross on shield
1F3E6	 BANK → 1F131  squared latin capital letter b
1F3E7	 AUTOMATED TELLER MACHINE = ATM
1F3E8	 HOTEL → 1F157  negative circled latin capital letter h
1F3E9	 LOVE HOTEL
1F3EA	 CONVENIENCE STORE
1F3EB	 SCHOOL
1F3EC	 DEPARTMENT STORE
1F3ED	 FACTORY = industrial production site = date of production → 26ED  gear without hub
1F3EE	 IZAKAYA LANTERN = japanese izakaya restaurant
1F3EF	 JAPANESE CASTLE
1F3F0	 EUROPEAN CASTLE → 26EB  castle

Animal symbols

1F400	 RAT • first of the signs of the Asian zodiac
1F401	 MOUSE • first of the signs of the Asian zodiac, used in Persia
1F402	 OX • second of the signs of the Asian zodiac
1F403	 WATER BUFFALO • second of the signs of the Asian zodiac, used in Vietnam
1F404	 COW • second of the signs of the Asian zodiac, used in Persia = beef (on menus)
1F405	 TIGER • third of the signs of the Asian zodiac
1F406	 LEOPARD • third of the signs of the Asian zodiac, used in Persia
1F407	 RABBIT • fourth of the signs of the Asian zodiac
1F408	 CAT • fourth of the signs of the Asian zodiac, used in Vietnam

1F409	 DRAGON • fifth of the signs of the Asian zodiac
1F40A	 CROCODILE • fifth of the signs of the Asian zodiac, used in Persia
1F40B	 WHALE • fifth of the signs of the Asian zodiac, used in Persia
1F40C	 SNAIL • fifth of the signs of the Asian zodiac, used in Kazakhstan
1F40D	 SNAKE • sixth of the signs of the Asian zodiac
1F40E	 HORSE • seventh of the signs of the Asian zodiac
1F40F	 RAM • eighth of the signs of the Asian zodiac
1F410	 GOAT • eighth of the signs of the Asian zodiac, used in Vietnam
1F411	 SHEEP • eighth of the signs of the Asian zodiac, used in Persia
1F412	 MONKEY • ninth of the signs of the Asian zodiac
1F413	 ROOSTER • tenth of the signs of the Asian zodiac = cock
1F414	 CHICKEN • tenth of the signs of the Asian zodiac, used in Persia = hen = poultry (on menus)
1F415	 DOG • eleventh of the signs of the Asian zodiac
1F416	 PIG • twelfth of the signs of the Asian zodiac = pork (on menus)
1F417	 BOAR • twelfth of the signs of the Asian zodiac, used in Japan
1F418	 ELEPHANT • twelfth of the signs of the Asian zodiac, used in Thailand
1F419	 OCTOPUS
1F41A	 SPIRAL SHELL
1F41B	 BUG
1F41C	 ANT
1F41D	 HONEYBEE
1F41E	 LADY BEETLE = ladybird, ladybug, coccinellids
1F41F	 FISH
1F420	 TROPICAL FISH
1F421	 BLOWFISH
1F422	 TURTLE
1F423	 HATCHING CHICK
1F424	 BABY CHICK
1F425	 FRONT-FACING BABY CHICK
1F426	 BIRD
1F427	 PENGUIN
1F428	 KOALA
1F429	 POODLE
1F42A	 DROMEDARY CAMEL • has a single hump

1F42B

Miscellaneous Symbols and Pictographs

1F48A

1F42B 🐫 BACTRIAN CAMEL
 • has two humps

1F42C 🐬 DOLPHIN

Animal faces

1F42D 🐭 MOUSE FACE

1F42E 🐮 COW FACE

1F42F 🐯 TIGER FACE

1F430 🐰 RABBIT FACE

1F431 🐱 CAT FACE

→ 1F63A 😺 smiling cat face with open mouth

1F432 🐉 DRAGON FACE

1F433 🐳 SPOUTING WHALE

1F434 🐎 HORSE FACE

1F435 🐵 MONKEY FACE

1F436 🐶 DOG FACE

1F437 🐷 PIG FACE

1F438 🐸 FROG FACE

1F439 🐹 HAMSTER FACE

1F43A 🐺 WOLF FACE

1F43B 🐻 BEAR FACE

1F43C 🐼 PANDA FACE

1F43D 🐽 PIG NOSE

1F43E 🐾 PAW PRINTS

→ 1F463 🐾 footprints

Facial parts symbols

1F440 👁 EYES

1F441 🗑 <reserved>

1F442 👂 EAR

1F443 👃 NOSE

1F444 👄 MOUTH

1F445 👅 TONGUE

Hand symbols

1F446 🖖 WHITE UP POINTING BACKHAND INDEX
 → 261D 🖖 white up pointing index

1F447 🖐 WHITE DOWN POINTING BACKHAND INDEX
 → 261F 🖐 white down pointing index

1F448 🖏 WHITE LEFT POINTING BACKHAND INDEX
 → 261C 🖏 white left pointing index

1F449 🖑 WHITE RIGHT POINTING BACKHAND INDEX
 → 261E 🖑 white right pointing index

1F44A 🖊 FISTED HAND SIGN
 = punch
 → 270A 🖊 raised fist

1F44B 🖋 WAVING HAND SIGN
 → 270B 🖋 raised hand

1F44C 🖌 OK HAND SIGN

1F44D 🖍 THUMBS UP SIGN

1F44E 🖎 THUMBS DOWN SIGN

1F44F 🖐 CLAPPING HANDS SIGN

1F450 🖐 OPEN HANDS SIGN

Clothing and accessories

1F451 👑 CROWN

1F452 🎩 WOMANS HAT

1F453 🕶 EYEGLASSES

1F454 🧣 NECKTIE

1F455 👕 T-SHIRT

1F456 👖 JEANS

1F457 👗 DRESS

1F458 👘 KIMONO

1F459 👙 BIKINI

1F45A 👚 WOMANS CLOTHES

1F45B 👛 PURSE

1F45C 👜 HANDBAG

1F45D 👝 POUCH

1F45E 👟 MANS SHOE

1F45F 👟 ATHLETIC SHOE
 = runner, sneaker, tennis shoe

1F460 👠 HIGH-HEELED SHOE

1F461 👡 WOMANS SANDAL

1F462 👢 WOMANS BOOTS

1F463 🐾 FOOTPRINTS
 → 1F43E 🐾 paw prints

Portrait and role symbols

1F464 👤 BUST IN SILHOUETTE
 = guest account

1F465 👥 BUSTS IN SILHOUETTE
 = accounts

1F466 👦 BOY

1F467 👧 GIRL

1F468 👨 MAN

1F469 👩 WOMAN

1F46A 👨👩 FAMILY

1F46B 👨👩👧 MAN AND WOMAN HOLDING HANDS
 → 1F6BB 👨👩👧 restroom

1F46C 👨👨 TWO MEN HOLDING HANDS

1F46D 👩👩 TWO WOMEN HOLDING HANDS

1F46E 👮 POLICE OFFICER

1F46F 🧚 WOMAN WITH BUNNY EARS

1F470 👰 BRIDE WITH VEIL

1F471 🧑 PERSON WITH BLOND HAIR

1F472 🧑 MAN WITH GUA PI MAO

1F473 🧑 MAN WITH TURBAN

1F474 🧑 OLDER MAN

1F475 🧑 OLDER WOMAN

1F476 🧒 BABY

1F477 🧑 CONSTRUCTION WORKER

Fairy tale symbols

1F478 👸 PRINCESS

1F479 👹 JAPANESE OGRE

1F47A 👺 JAPANESE GOBLIN

1F47B 👻 GHOST

1F47C 👼 BABY ANGEL

1F47D 👽 EXTRATERRESTRIAL ALIEN

1F47E 👹 ALIEN MONSTER

1F47F 👹 IMP

1F480 👤 SKULL

Role symbols

1F481 👤 INFORMATION DESK PERSON

1F482 👮 GUARDSMAN

1F483 🕺 DANCER

Personal care symbols

1F484 💄 LIPSTICK

1F485 💅 NAIL POLISH
 = manicure, nail care

1F486 🧖 FACE MASSAGE

1F487 💇 HAIRCUT
 • usually indicates a beauty parlor

1F488 🧑 BARBER POLE

Medical symbols

1F489 🪡 SYRINGE

1F48A 💊 PILL

1F48B

Miscellaneous Symbols and Pictographs

1F4E0

Romance symbols

1F48B	KISS MARK = lips
1F48C	LOVE LETTER
1F48D	RING = jewelry
1F48E	GEM STONE
1F48F	KISS = two people kissing
1F490	BOUQUET
1F491	COUPLE WITH HEART
1F492	WEDDING = wedding chapel → 26AD marriage symbol

Heart symbols

1F493	BEATING HEART
1F494	BROKEN HEART
1F495	TWO HEARTS
1F496	SPARKLING HEART
1F497	GROWING HEART
1F498	HEART WITH ARROW
1F499	BLUE HEART → 2661 white heart suit → 2665 black heart suit → 2764 heavy black heart
1F49A	GREEN HEART
1F49B	YELLOW HEART
1F49C	PURPLE HEART
1F49D	HEART WITH RIBBON
1F49E	REVOLVING HEARTS
1F49F	HEART DECORATION

Comic style symbols

1F4A0	DIAMOND SHAPE WITH A DOT INSIDE = kawaii, cute • meaning of cuteness is based on association of glyph with shape of a flower → 27D0 white diamond with centred dot
1F4A1	ELECTRIC LIGHT BULB = idea
1F4A2	ANGER SYMBOL
1F4A3	BOMB
1F4A4	SLEEPING SYMBOL
1F4A5	COLLISION SYMBOL
1F4A6	SPLASHING SWEAT SYMBOL = plevds
1F4A7	DROPLET • represents a drop of sweat or drop of water
1F4A8	DASH SYMBOL = running dash, briffits
1F4A9	PILE OF POO = dog dirt
1F4AA	FLEXED BICEPS = strong, muscled
1F4AB	DIZZY SYMBOL = circling stars, squeans
1F4AC	SPEECH BALLOON = comic book conversation bubble
1F4AD	THOUGHT BALLOON

Japanese school grade symbols

1F4AE	WHITE FLOWER = brilliant homework → 2740 white florette
-------	--

1F4AF	HUNDRED POINTS SYMBOL = perfect score
-------	--

Money symbols

1F4B0	MONEY BAG • glyph may show any currency symbol instead of a dollar sign
1F4B1	CURRENCY EXCHANGE
1F4B2	HEAVY DOLLAR SIGN → 0024 dollar sign
1F4B3	CREDIT CARD
1F4B4	BANKNOTE WITH YEN SIGN
1F4B5	BANKNOTE WITH DOLLAR SIGN
1F4B6	BANKNOTE WITH EURO SIGN
1F4B7	BANKNOTE WITH POUND SIGN
1F4B8	MONEY WITH WINGS
1F4B9	CHART WITH UPWARDS TREND AND YEN SIGN

Office symbols

1F4BA	SEAT
1F4BB	PERSONAL COMPUTER
1F4BC	BRIEFCASE
1F4BD	MINIDISC
1F4BE	FLOPPY DISK = flexible disk cartridge, floppy disc, floppy, diskette
1F4BF	OPTICAL DISC
1F4C0	DVD = digital video/versatile disc
1F4C1	FILE FOLDER
1F4C2	OPEN FILE FOLDER
1F4C3	PAGE WITH CURL
1F4C4	PAGE FACING UP
1F4C5	CALENDAR
1F4C6	TEAR-OFF CALENDAR
1F4C7	CARD INDEX
1F4C8	CHART WITH UPWARDS TREND
1F4C9	CHART WITH DOWNWARDS TREND
1F4CA	BAR CHART
1F4CB	CLIPBOARD
1F4CC	PUSHPIN
1F4CD	ROUND PUSHPIN
1F4CE	PAPERCLIP
1F4CF	STRAIGHT RULER
1F4D0	TRIANGULAR RULER
1F4D1	BOOKMARK TABS
1F4D2	LEDGER
1F4D3	NOTEBOOK
1F4D4	NOTEBOOK WITH DECORATIVE COVER
1F4D5	CLOSED BOOK
1F4D6	OPEN BOOK = read operator's manual • similar to ISO/IEC 7000-0790 “Read operator’s manual”
1F4D7	GREEN BOOK
1F4D8	BLUE BOOK
1F4D9	ORANGE BOOK
1F4DA	BOOKS
1F4DB	NAME BADGE
1F4DC	SCROLL

























Communication symbols

1F4DD	MEMO
1F4DE	TELEPHONE RECEIVER
1F4DF	PAGER
1F4E0	FAX MACHINE → 213B facsimile sign







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Miscellaneous Symbols and Pictographs













1F52D
























1F4E1		SATELLITE ANTENNA = position indicator, news
1F4E2		PUBLIC ADDRESS LOUDSPEAKER
1F4E3		CHEERING MEGAPHONE
1F4E4		OUTBOX TRAY
1F4E5		INBOX TRAY
1F4E6		PACKAGE → 1F381  wrapped present
1F4E7		E-MAIL SYMBOL • glyph may show an @-sign instead of an E
1F4E8		INCOMING ENVELOPE → 2709  envelope
1F4E9		ENVELOPE WITH DOWNWARDS ARROW ABOVE • sending mail
1F4EA		CLOSED MAILBOX WITH LOWERED FLAG = letter box, mail reception = empty mailbox
1F4EB		CLOSED MAILBOX WITH RAISED FLAG = mailbox containing mail
1F4EC		OPEN MAILBOX WITH RAISED FLAG
1F4ED		OPEN MAILBOX WITH LOWERED FLAG
1F4EE		POSTBOX = mailbox for sending mail
1F4EF		POSTAL HORN
1F4F0		NEWSPAPER
1F4F1		MOBILE PHONE
1F4F2		MOBILE PHONE WITH RIGHTWARDS ARROW AT LEFT • making a phone call
1F4F3		VIBRATION MODE
1F4F4		MOBILE PHONE OFF
1F4F5		NO MOBILE PHONES
1F4F6		ANTENNA WITH BARS = cellular reception

Audio and video symbols







1F4F7		CAMERA
1F4F8		<reserved>
1F4F9		VIDEO CAMERA
1F4FA		TELEVISION
1F4FB		RADIO
1F4FC		VIDEOCASSETTE

User interface symbols




1F500		TWISTED RIGHTWARDS ARROWS = shuffle
1F501		CLOCKWISE RIGHTWARDS AND LEFTWARDS OPEN CIRCLE ARROWS = repeat → 267B  black universal recycling symbol
1F502		CLOCKWISE RIGHTWARDS AND LEFTWARDS OPEN CIRCLE ARROWS WITH CIRCLED ONE OVERLAY = repeat one item over
1F503		CLOCKWISE DOWNWARDS AND UPWARDS OPEN CIRCLE ARROWS = reload
1F504		ANTICLOCKWISE DOWNWARDS AND UPWARDS OPEN CIRCLE ARROWS = reload
1F505		LOW BRIGHTNESS SYMBOL
1F506		HIGH BRIGHTNESS SYMBOL → 2600  black sun with rays → 263C  white sun with rays → 26ED  gear without hub
1F507		SPEAKER WITH CANCELLATION STROKE

1F508		SPEAKER
1F509		SPEAKER WITH ONE SOUND WAVE
1F50A		SPEAKER WITH THREE SOUND WAVES = sound
1F50B		BATTERY
1F50C		ELECTRIC PLUG
1F50D		LEFT-POINTING MAGNIFYING GLASS = search
1F50E		RIGHT-POINTING MAGNIFYING GLASS = get more details
1F50F		LOCK WITH INK PEN = privacy
1F510		CLOSED LOCK WITH KEY = secure
1F511		KEY → 26BF  squared key
1F512		LOCK = padlock in locked position
1F513		OPEN LOCK
1F514		BELL → 0FC4  tibetan symbol dril bu → 2407  symbol for bell
1F515		BELL WITH CANCELLATION STROKE
1F516		BOOKMARK
1F517		LINK SYMBOL
1F518		RADIO BUTTON → 2299  circled dot operator → 25C9  fisheye → 25CE  bullseye






Words with arrows

1F519		BACK WITH LEFTWARDS ARROW ABOVE → 2397  previous page
1F51A		END WITH LEFTWARDS ARROW ABOVE
1F51B		ON WITH EXCLAMATION MARK WITH LEFT RIGHT ARROW ABOVE
1F51C		SOON WITH RIGHTWARDS ARROW ABOVE
1F51D		TOP WITH UPWARDS ARROW ABOVE = top of page










Enclosed alphanumeric symbols

1F51E		NO ONE UNDER EIGHTEEN SYMBOL
1F51F		KEYCAP TEN → 20E3  combining enclosing keypad

User interface input status symbols

1F520		INPUT SYMBOL FOR LATIN CAPITAL LETTERS
1F521		INPUT SYMBOL FOR LATIN SMALL LETTERS
1F522		INPUT SYMBOL FOR NUMBERS
1F523		INPUT SYMBOL FOR SYMBOLS
1F524		INPUT SYMBOL FOR LATIN LETTERS = English input (ABC)

Tool symbols

1F525		FIRE
1F526		ELECTRIC TORCH = flashlight
1F527		WRENCH
1F528		HAMMER
1F529		NUT AND BOLT
1F52A		HOCHO = Japanese kitchen knife
1F52B		PISTOL
1F52C		MICROSCOPE
1F52D		TELESCOPE

1F52E Miscellaneous Symbols and Pictographs 1F5FF

1F52E	🔮	CRYSTAL BALL
1F52F	✳️	SIX POINTED STAR WITH MIDDLE DOT → 2721 ✳️ star of david
1F530	🌀	JAPANESE SYMBOL FOR BEGINNER
1F531	🔱	TRIDENT EMBLEM

Geometric shapes

1F532	◼️	BLACK SQUARE BUTTON
1F533	◻️	WHITE SQUARE BUTTON
1F534	🟠	LARGE RED CIRCLE → 25CF ⬤ black circle → 25EF ○ large circle → 2B24 ⬤ black large circle → 2B55 ○ heavy large circle
1F535	🟡	LARGE BLUE CIRCLE
1F536	🔷	LARGE ORANGE DIAMOND → 25C6 ⬤ black diamond
1F537	🔷	LARGE BLUE DIAMOND
1F538	🔷	SMALL ORANGE DIAMOND → 2B29 ⬤ black small diamond
1F539	🔷	SMALL BLUE DIAMOND

User interface symbols

1F53A	▲	UP-POINTING RED TRIANGLE → 25B2 ▲ black up-pointing triangle
1F53B	▼	DOWN-POINTING RED TRIANGLE → 25BC ▼ black down-pointing triangle
1F53C	⬆️	UP-POINTING SMALL RED TRIANGLE = play arrow up → 25B4 ▲ black up-pointing small triangle
1F53D	⬇️	DOWN-POINTING SMALL RED TRIANGLE = play arrow down → 25BE ▼ black down-pointing small triangle

Religious symbols

1F540	⊕	CIRCLED CROSS POMMEE • Orthodox typikon symbol for great feast service
1F541	⊕	CROSS POMMEE WITH HALF-CIRCLE BELOW • Orthodox typikon symbol for vigil service
1F542	✝️	CROSS POMMEE • Orthodox typikon symbol for Polyeleos → 2722 ✝️ four teardrop-spoked asterisk
1F543	⊖	NOTCHED LEFT SEMICIRCLE WITH THREE DOTS • Orthodox typikon symbol for lower rank feast

Clock face symbols

1F550	🕒	CLOCK FACE ONE OCLOCK → 231A 🕒 watch → 23F0 🕒 alarm clock
1F551	🕒	CLOCK FACE TWO OCLOCK
1F552	🕒	CLOCK FACE THREE OCLOCK
1F553	🕒	CLOCK FACE FOUR OCLOCK
1F554	🕒	CLOCK FACE FIVE OCLOCK
1F555	🕒	CLOCK FACE SIX OCLOCK
1F556	🕒	CLOCK FACE SEVEN OCLOCK
1F557	🕒	CLOCK FACE EIGHT OCLOCK
1F558	🕒	CLOCK FACE NINE OCLOCK
1F559	🕒	CLOCK FACE TEN OCLOCK
1F55A	🕒	CLOCK FACE ELEVEN OCLOCK
1F55B	🕒	CLOCK FACE TWELVE OCLOCK
1F55C	🕒	CLOCK FACE ONE-THIRTY
1F55D	🕒	CLOCK FACE TWO-THIRTY
1F55E	🕒	CLOCK FACE THREE-THIRTY

1F55F	🕒	CLOCK FACE FOUR-THIRTY
1F560	🕒	CLOCK FACE FIVE-THIRTY
1F561	🕒	CLOCK FACE SIX-THIRTY
1F562	🕒	CLOCK FACE SEVEN-THIRTY
1F563	🕒	CLOCK FACE EIGHT-THIRTY
1F564	🕒	CLOCK FACE NINE-THIRTY
1F565	🕒	CLOCK FACE TEN-THIRTY
1F566	🕒	CLOCK FACE ELEVEN-THIRTY
1F567	🕒	CLOCK FACE TWELVE-THIRTY














































































Cultural symbols

1F5FB	🗻	MOUNT FUJI
1F5FC	🗼	TOKYO TOWER
1F5FD	🗽	STATUE OF LIBERTY
1F5FE	🗼	SILHOUETTE OF JAPAN
1F5FF	🗼	MOYAI • Japanese stone statue like Moai on Easter Island

1F600

Emoticons

1F64F

	1F60	1F61	1F62	1F63	1F64
0	 1F600	 1F610	 1F620	 1F630	 1F640
1	 1F601	 1F611	 1F621	 1F631	
2	 1F602	 1F612	 1F622	 1F632	
3	 1F603	 1F613	 1F623	 1F633	
4	 1F604	 1F614	 1F624	 1F634	
5	 1F605	 1F615	 1F625	 1F635	 1F645
6	 1F606	 1F616	 1F626	 1F636	 1F646
7	 1F607	 1F617	 1F627	 1F637	 1F647
8	 1F608	 1F618	 1F628	 1F638	 1F648
9	 1F609	 1F619	 1F629	 1F639	 1F649
A	 1F60A	 1F61A	 1F62A	 1F63A	 1F64A
B	 1F60B	 1F61B	 1F62B	 1F63B	 1F64B
C	 1F60C	 1F61C	 1F62C	 1F63C	 1F64C
D	 1F60D	 1F61D	 1F62D	 1F63D	 1F64D
E	 1F60E	 1F61E	 1F62E	 1F63E	 1F64E
F	 1F60F	 1F61F	 1F62F	 1F63F	 1F64F

1F600

Emoticons

1F64F

The emoticons have been organized by mouth shape to make it easier to locate the different characters in the code chart.

Faces

1F600		GRINNING FACE
1F601		GRINNING FACE WITH SMILING EYES
1F602		FACE WITH TEARS OF JOY
1F603		SMILING FACE WITH OPEN MOUTH → 263A
1F604		SMILING FACE WITH OPEN MOUTH AND SMILING EYES
1F605		SMILING FACE WITH OPEN MOUTH AND COLD SWEAT
1F606		SMILING FACE WITH OPEN MOUTH AND TIGHTLY-CLOSED EYES
1F607		SMILING FACE WITH HALO
1F608		SMILING FACE WITH HORNS
1F609		WINKING FACE
1F60A		SMILING FACE WITH SMILING EYES
1F60B		FACE SAVOURING DELICIOUS FOOD
1F60C		RELIEVED FACE
1F60D		SMILING FACE WITH HEART-SHAPED EYES
1F60E		SMILING FACE WITH SUNGLASSES
1F60F		SMIRKING FACE
1F610		NEUTRAL FACE • used for the West Wind in some Mahjong annotation
1F611		EXPRESSIONLESS FACE
1F612		UNAMUSED FACE
1F613		FACE WITH COLD SWEAT
1F614		PENSIVE FACE
1F615		CONFUSED FACE
1F616		CONFOUNDED FACE
1F617		KISSING FACE
1F618		FACE THROWING A KISS
1F619		KISSING FACE WITH SMILING EYES
1F61A		KISSING FACE WITH CLOSED EYES
1F61B		FACE WITH STUCK-OUT TONGUE
1F61C		FACE WITH STUCK-OUT TONGUE AND WINKING EYE • kidding, not serious
1F61D		FACE WITH STUCK-OUT TONGUE AND TIGHTLY-CLOSED EYES • kidding, not serious
1F61E		DISAPPOINTED FACE → 2639
1F61F		WORRIED FACE
1F620		ANGRY FACE
1F621		POUTING FACE
1F622		CRYING FACE
1F623		PERSEVERING FACE
1F624		FACE WITH LOOK OF TRIUMPH
1F625		DISAPPOINTED BUT RELIEVED FACE
1F626		FROWNING FACE WITH OPEN MOUTH
1F627		ANGUISHED FACE
1F628		FEARFUL FACE
1F629		WEARY FACE
1F62A		SLEEPY FACE
1F62B		TIRED FACE
1F62C		GRIMACING FACE
1F62D		LOUDLY CRYING FACE
1F62E		FACE WITH OPEN MOUTH
1F62F		HUSHED FACE
1F630		FACE WITH OPEN MOUTH AND COLD SWEAT
1F631		FACE SCREAMING IN FEAR
1F632		ASTONISHED FACE
1F633		FLUSHED FACE

1F634		SLEEPING FACE
1F635		DIZZY FACE
1F636		FACE WITHOUT MOUTH • used for the South Wind in some Mahjong annotation → 2687
1F637		FACE WITH MEDICAL MASK

Cat faces

1F638		GRINNING CAT FACE WITH SMILING EYES
1F639		CAT FACE WITH TEARS OF JOY
1F63A		SMILING CAT FACE WITH OPEN MOUTH
1F63B		SMILING CAT FACE WITH HEART-SHAPED EYES
1F63C		CAT FACE WITH WRY SMILE
1F63D		KISSING CAT FACE WITH CLOSED EYES
1F63E		POUTING CAT FACE
1F63F		CRYING CAT FACE
1F640		WEARY CAT FACE

Gesture symbols

1F645		FACE WITH NO GOOD GESTURE
1F646		FACE WITH OK GESTURE
1F647		PERSON BOWING DEEPLY
1F648		SEE-NO-EVIL MONKEY
1F649		HEAR-NO-EVIL MONKEY
1F64A		SPEAK-NO-EVIL MONKEY
1F64B		HAPPY PERSON RAISING ONE HAND
1F64C		PERSON RAISING BOTH HANDS IN CELEBRATION = banzai!
1F64D		PERSON FROWNING
1F64E		PERSON WITH POUTING FACE
1F64F		PERSON WITH FOLDED HANDS • can indicate sorrow or regret • can indicate pleading

1F680

Transport and Map Symbols

1F6FF










































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1	1F681	1F691	1F6A1	1F6B1	1F6C1			
2	1F682	1F692	1F6A2	1F6B2	1F6C2			
3	1F683	1F693	1F6A3	1F6B3	1F6C3			
4	1F684	1F694	1F6A4	1F6B4	1F6C4			
5	1F685	1F695	1F6A5	1F6B5	1F6C5			
6	1F686	1F696	1F6A6	1F6B6				
7	1F687	1F697	1F6A7	1F6B7				
8	1F688	1F698	1F6A8	1F6B8				
9	1F689	1F699	1F6A9	1F6B9				
A	1F68A	1F69A	1F6AA	1F6BA				
B	1F68B	1F69B	1F6AB	1F6BB				
C	1F68C	1F69C	1F6AC	1F6BC				
D	1F68D	1F69D	1F6AD	1F6BD				
E	1F68E	1F69E	1F6AE	1F6BE				
F	1F68F	1F69F	1F6AF	1F6BF				

1F680






Transport and Map Symbols

1F6C5










Vehicles

























1F680		ROCKET
1F681		HELICOPTER → 2708  airplane
1F682		STEAM LOCOMOTIVE
1F683		RAILWAY CAR
1F684		HIGH-SPEED TRAIN
1F685		HIGH-SPEED TRAIN WITH BULLET NOSE
1F686		TRAIN = intercity train
1F687		METRO = subway, underground train
1F688		LIGHT RAIL
1F689		STATION = train, subway station
1F68A		TRAM
1F68B		TRAM CAR
1F68C		BUS
1F68D		ONCOMING BUS
1F68E		TROLLEYBUS
1F68F		BUS STOP
1F690		MINIBUS
1F691		AMBULANCE
1F692		FIRE ENGINE
1F693		POLICE CAR
1F694		ONCOMING POLICE CAR
1F695		TAXI
1F696		ONCOMING TAXI
1F697		AUTOMOBILE
1F698		ONCOMING AUTOMOBILE
1F699		RECREATIONAL VEHICLE
1F69A		DELIVERY TRUCK → 26DF  black truck
1F69B		ARTICULATED LORRY
1F69C		TRACTOR
1F69D		MONORAIL
1F69E		MOUNTAIN RAILWAY
1F69F		SUSPENSION RAILWAY
1F6A0		MOUNTAIN CABLEWAY
1F6A1		AERIAL TRAMWAY
1F6A2		SHIP → 26F4  ferry
1F6A3		ROWBOAT → 26F5  sailboat
1F6A4		SPEEDBOAT

Traffic signs

1F6A5		HORIZONTAL TRAFFIC LIGHT
1F6A6		VERTICAL TRAFFIC LIGHT
1F6A7		CONSTRUCTION SIGN → 26CF  pick
1F6A8		POLICE CARS REVOLVING LIGHT = rotating beacon

Signage and other symbols

1F6A9		TRIANGULAR FLAG ON POST = location information → 26F3  flag in hole
1F6AA		DOOR
1F6AB		NO ENTRY SIGN → 20E0  combining enclosing circle backslash → 26D4  no entry
1F6AC		SMOKING SYMBOL
1F6AD		NO SMOKING SYMBOL
1F6AE		PUT LITTER IN ITS PLACE SYMBOL

1F6AF		DO NOT LITTER SYMBOL
1F6B0		POTABLE WATER SYMBOL
1F6B1		NON-POTABLE WATER SYMBOL
1F6B2		BICYCLE
1F6B3		NO BICYCLES
1F6B4		BICYCLIST
1F6B5		MOUNTAIN BICYCLIST
1F6B6		PEDESTRIAN = walking
1F6B7		NO PEDESTRIANS
1F6B8		CHILDREN CROSSING
1F6B9		MENS SYMBOL = man symbol = men's restroom
1F6BA		WOMENS SYMBOL = woman symbol = women's restroom
1F6BB		RESTROOM = man and woman symbol with divider = unisex restroom → 1F46B  man and woman holding hands
1F6BC		BABY SYMBOL = baby on board, baby changing station
1F6BD		TOILET
1F6BE		WATER CLOSET
1F6BF		SHOWER
1F6C0		BATH
1F6C1		BATHTUB
1F6C2		PASSPORT CONTROL
1F6C3		CUSTOMS
1F6C4		BAGGAGE CLAIM
1F6C5		LEFT LUGGAGE

Annex B Document Management

B.1 Document History

Version	Date	Brief Description of Change	Approval Authority	Editor / Company
1.0		New PRD (WG Doc nn/nnn).	RCS	David O'Byrne/GSMA

B.2 Other Information

Type	Description
Document Owner	Future Communications programme
Editor / Company	David O'Byrne/ GSMA

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