

ISO/IEC JTC1/SC2/WG2
Coded Character Set
Secretariat: Japan (JISC)

Doc. Type: Input to ISO/IEC 10646:2003

Title: Japanese TV Symbols

Source: Michel Suignard – Microsoft, expert contribution

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Medium:

The following document is a proposal to add a set of 184 symbols to Unicode and ISO/IEC 10646 that are used in the context of Japanese TV broadcast (ARIB: Association of Radio Industries and Businesses), reference: http://www.arib.or.jp/english/html/overview/doc/6-STD-B24v5_1-1P3-E1.pdf and not yet encoded. Their lack of encoding in these standards has led to the creation of Private Use characters in fonts used in the ARIB context. It would be desirable to encode many of these symbols to avoid confusion with end user created private characters. Many are extensions to set already encoded such as circled numbers, symbol units, etc...

Most of these symbols have a usage that goes beyond the Japanese TV broadcast environment, and the addition of these new characters should be seen as the start of a new initiative to add more symbols in the standard.

Status

This document is based on preliminary work done in WG2 N 3341. Some updates were made on mapping to existing characters and a few characters were also dis-unified. Some ARIB characters were deliberately not encoded:

- Close caption symbols which are sequences of Latin text sometimes requiring a pair of characters (such 'ce' and 'mb'), in all ARIB 9256-9285.
- Smaller sized characters (ARIB 9226-9231)
- Duplicate within the ARIB set (such as 9058 and 9330), in that case only one instance is proposed
- Date and currency symbols (ARIB 9207-9210)

The document has been reviewed by the Symbol Subcommittee within the Unicode Technical Committee and is submitted to WG2 for further consideration per resolution WG2 M51.33.

Type of characters

The proposed characters fall in three categories:

1. Regular new symbols such as 𠂇, 𠂈, etc...
2. Enclosed alphanumeric characters such as ㊤, 9,, (R),
3. Enclosed ideographic character such as ㊤, ㊦, etc...

Their types drive their overall property values and behaviour in various algorithms specified by Unicode and ISO/IEC 10646, such as normalization, bidirectional algorithm, line breaking, etc...

Code point assignments

The proposed locations use the principle of filling existing blocks in the BMP but not creating new blocks in that plane. While in modern use, it is felt that the few remaining spaces in the BMP should be reserved to scripts, not new symbols. New blocks are therefore allocated in the supplementary plane 1 to accommodate characters that do not fit in existing BMP blocks. Of these 184 characters, 66 are in the BMP, the remaining 118 are proposed for encoding in the SMP. Proposed locations are just that, so no assumption is made that these values will be final.

Character names

As much as possible, names are descriptive of the character glyph, in order to make re-usable outside of the TV context. When different, the Japanese original name (translated in English) has been provided as an alias.

Table format

The tables provide a tentative code point assignment, glyph, description (including name, alias and other references), and the original ARIB code.

Source separation

The ARIB supplementary set is suited to be used in conjunction with JIS X213:2004. The source separation rule is applied within that context, but not to the whole Shift-JIS repertoire as commonly used in Japan. This has resulted in some unification among characters shared between these two environments. For example the character ARIB-9383 ㊤ for SNOW is unified with U+2603 ㊤ SNOWMAN.

Other sources

Clearly the ARIB symbol set is derived from other well known sources such as the Geographical Survey Institute of Japan for the map symbols, but no attempt has been made to consolidate characters defined in these original sources. This could be done in the future.

Unification with geometric shapes

Many ARIB symbols look like geometric shapes but are associated with road or map signs. When glyphs were similar to existing characters located in blocks containing geometric shapes, the corresponding ARIB symbols have been unified and relevant information will be added in the name list. However new geometric shaped characters which are primarily used in road or map context are located in blocks containing other road and map symbols.

Update

Further considerations have been provided as feedback to this document but are not incorporated in the following character charts. They should be considered as 'friendly' amendments and could be incorporated in a future version:

- Some characters could be moved to blocks (such as 2Bxx) containing geometric shapes (e.g. proposed 269E-269F: ARIB 9388-9398), or 26E2-26E5 (ARIB 9101-9102, 9104-9105),
- Consider unification of ARIB 9104 with U+25CB, given that ARIB 9103 is unified with 25CE,
- Move most of the traffic signs (except few generic such as the PICK) to the SMP,
- Mark clearly the left way traffic signs (e.g. ARIB 9020-9021),
- Move the heavy exclamation point (ARIB 9003) to another block containing similar punctuations (possibly 2700 in the Dingbats block).

Finally, it has also been suggested to augment the proposed sets with additional related symbols (especially in the map symbols section). This is always possible but should not delay the processing of this proposal which is self contained and includes a well identified subset (ARIB).

BMP characters (0000-FFFF)

Number forms (2150-218F)

Fractions

| UCS | glyph | Name, description | ARIB |
|------|-------|---|------|
| 2150 | 1/7 | VULGAR FRACTION ONE SEVENTH ≈ <fraction> 0031 1 2044/0037 7 | 9360 |
| 2151 | 1/9 | VULGAR FRACTION ONE NINTH ≈ <fraction> 0031 1 2044/0039 9 | 9362 |
| 2152 | 1/10 | VULGAR FRACTION ONE TENTH ≈ <fraction> 0031 1 2044/0031 1 0030 0 | 9363 |
| 2189 | 0/3 | VULGAR FRACTION ZERO THIRD = baseball related ≈ <fraction> 0030 0 2044/0033 3 | 9349 |

Miscellaneous symbols (2600-26FF)

Miscellaneous symbols

| UCS | glyph | Name, description | ARIB |
|------|-------|--|------|
| 269E | ≧ | THREE LINES CONVERGING RIGHT = someone speaking (close caption) | 9388 |
| 269F | ≦ | THREE LINES CONVERGING LEFT = background speaking (close caption) | 9389 |

Miscellaneous symbols

| UCS | glyph | Name, description | ARIB |
|------|-------|--------------------------------|------|
| 26BD | ⚾ | BASEBALL | 9316 |
| 26BE | 🔒 | SQUARED KEY = parental lock | 9071 |

Weather symbols

| UCS | glyph | Name, description | ARIB |
|------|-------|--|------|
| 26C4 | ☁ | SNOWMAN WITHOUT SNOW = light snow | 9367 |
| 26C5 | ☀ | SUN BEHIND CLOUD = fair weather | 9380 |
| 26C6 | 🌧 | RAIN = rainy weather | 9382 |
| 26C7 | ❄ | BLACK SNOWMAN = heavy snow | 9384 |
| 26C8 | ⚡ | THUNDER CLOUD AND RAIN = thunderstorm | 9386 |

In addition, the symbol for 26A1 HIGH VOLTAGE SIGN gets an alias for 'thunder'. This covers the ARIB symbol 9385 ⚡.

Japanese Chess symbols
























| UCS | glyph | Name, description | ARIB |
|------|-------|--------------------------|------|
| 26C9 | ♞ | TURNED WHITE SHOGI PIECE | 9370 |
| 26CA | ♟ | TURNED BLACK SHOGI PIECE | 9371 |

Traffic signs

| UCS | glyph | Name, description | ARIB |
|------|-------|---|------|
| 26CB | | CROSSING LANES = accident → 292C × falling diagonal crossing raising diagonal | 9001 |
| 26CC | | DISABLED CAR | 9002 |
| 26CD | | HEAVY EXCLAMATION POINT = obstacles on the road → 2762 heavy exclamation point ornament | 9003 |
| 26CE | | PICK = under construction | 9004 |
| 26CF | | CAR SLIDING = icy road | 9005 |
| 26D0 | | HELMET WITH WHITE CROSS = maintenance | 9006 |
| 26D1 | | CIRCLED CROSSING LANES = road closed | 9008 |
| 26D2 | | ALTERNATE ONE-WAY TRAFFIC | 9009 |
| 26D3 | | CHAINS = tire chains required | 9010 |
| 26D4 | | NO ENTRY | 9011 |
| 26D5 | | BLACK TWO WAY TRAFFIC | 9020 |
| 26D6 | | WHITE TWO WAY TRAFFIC | 9021 |
| 26D7 | | BLACK LANE MERGE | 9022 |
| 26D8 | | WHITE LANE MERGE | 9023 |
| 26D9 | | DRIVE SLOW | 9024 |
| 26DA | | HEAVY WHITE DOWN-POINTING TRIANGLE = drive slow 2 → 25BD ▽ white down-pointing triangle | 9025 |
| 26DB | | CLOSED ENTRY 1 | 9026 |
| 26DC | | SQUARED SALTIRE = closed entry 2 → 22A0 ☒ squared times | 9027 |
| 26DD | | FALLING DIAGONAL OVER WHITE CIRCLE OVER BLACK SQUARE = closed to large cars 1 | 9028 |
| 26DE | | BLACK TRUCK = closed to large cars 2 | 9029 |
| 26DF | | RESTRICTED ENTRY 1 | 9030 |
| 26E0 | | RESTRICTED ENTRY 2 | 9031 |
| 26E1 | | HEAVY LARGE CIRCLE = basic symbol for speed limit → 25EF ○ large circle | 9032 |

Dictionary and map symbols

| UCS | glyph | Name, description | ARIB |
|------|-------|--|------|
| 26E2 | | WHITE CIRCLE WITH ONE STROKE AND TWO DOTS TO THE TOP = public office | 9101 |
| 26E3 | | OVAL BULLSEYE = prefectural office | 9102 |
| 26E4 | | HEAVY CIRCLE = town or village office → 25CB ○ white circle | 9104 |

| | | | |
|------|---|---|------|
| 26E5 |  | HEAVY CIRCLED SALTIRE = police station → 2A02 ⊗ n-ary circled dot operator | 9105 |
| 26E6 |  | BLACK CROSS ON SHIELD = hospital | 9109 |
| 26E7 |  | SHINTO SHRINE | 9112 |
| 26E8 |  | CHURCH | 9114 |
| 26E9 |  | CASTLE REMAINS | 9115 |
| 26EA |  | HISTORIC SITE | 9116 |
| 26EB |  | GEAR = factory | 9118 |
| 26EC |  | GEAR WITH HANDLES = power plant or power substation | 9119 |
| 26ED |  | LIGHTHOUSE | 9120 |
| 26EE |  | MOUNTAIN | 9123 |
| 26EF |  | UMBRELLA ON GROUND = bathing beach | 9124 |
| 26F0 |  | FOUNTAIN = park | 9125 |
| 26F1 |  | FLAG ON A HOLE = golf course | 9126 |
| 26F2 |  | BLACK BOAT = ferry boat terminal | 9127 |
| 26F3 |  | WHITE SAILBOAT = marina or yacht harbour | 9128 |
| 26F4 |  | SQUARE FOUR CORNERS = intersection | 9132 |
| 26F5 |  | SKIER = skiing field | 9138 |
| 26F6 |  | ICE SKATE = ice skating rink | 9139 |
| 26F7 |  | PERSON WITH A BALL = track and field or gymnasium | 9140 |
| 26F8 |  | TENT = camping site | 9141 |
| 26F9 |  | JAPANESE BANK SYMBOL | 9144 |
| 26FA |  | GRAVEYARD = memorial park or cemetery | 9145 |
| 26FB |  | GAS PUMP = gas station | 9146 |
| 26FC |  | CUP ON BLACK SQUARE = drive-in restaurant | 9147 |
| 26FD |  | WHITE FLAG WITH AN HORIZONTAL MIDDLE BLACK STRIPE = Japanese self-defense-forces site | 9149 |

SMP characters (10000-1FFFF)

The following characters are allocated in two proposed blocks in the supplementary plane:

1. Enclosed Alphanumerics supplement (1F100-1F1FF),
2. Enclosed Ideographics supplement (1F200-1F2FF)

This is only tentative and could change depending on a better reading of the Unicode roadmap at <http://unicode.org/roadmaps/smp/>.

Enclosed Alphanumeric supplement (1F100-1F1FF)

Number period

This is an extension of the set already encoded at 2498-249B (from 1. to 20.).

| UCS | glyph | Name, description | ARIB |
|-------|-----------|---|------|
| 1F100 | 0. | DIGIT ZERO FULL STOP ≈ 0030 0 002E . | 9216 |

Number comma

No 'number comma' sequences are already encoded, but this is no different in principle than the 'number period' sequences.

| UCS | glyph | Name, description | ARIB |
|-------|-----------|-------------------------------------|------|
| 1F101 | 0, | DIGIT ZERO COMMA ≈ 0030 0 002C , | 9232 |
| 1F102 | 1, | DIGIT ZERO COMMA ≈ 0031 1 002C , | 9233 |
| 1F103 | 2, | DIGIT ZERO COMMA ≈ 0032 2 002C , | 9234 |
| 1F104 | 3, | DIGIT ZERO COMMA ≈ 0033 3 002C , | 9235 |
| 1F105 | 4, | DIGIT ZERO COMMA ≈ 0034 4 002C , | 9236 |
| 1F106 | 5, | DIGIT ZERO COMMA ≈ 0035 5 002C , | 9237 |
| 1F107 | 6, | DIGIT ZERO COMMA ≈ 0036 6 002C , | 9238 |
| 1F108 | 7, | DIGIT ZERO COMMA ≈ 0037 7 002C , | 9239 |
| 1F109 | 8, | DIGIT ZERO COMMA ≈ 0038 8 002C , | 9240 |
| 1F10A | 9, | DIGIT ZERO COMMA ≈ 0039 9 002C , | 9241 |

Parenthesized Latin letters

These characters are similar to the already encoded parenthesized Latin small letters in 249C-24B5.

| UCS | glyph | Name, description | ARIB |
|-------|------------|--|------|
| 1F110 | (A) | PARENTHESIZED LATIN CAPITAL LETTER A ≈ 0028 (0041 A 0029) | 9433 |
| 1F111 | (B) | PARENTHESIZED LATIN CAPITAL LETTER B ≈ 0028 (0042 B 0029) | 9434 |
| 1F112 | (C) | PARENTHESIZED LATIN CAPITAL LETTER C ≈ 0028 (0043 C 0029) | 9435 |
| 1F113 | (D) | PARENTHESIZED LATIN CAPITAL LETTER D ≈ 0028 (0044 D 0029) | 9436 |
| 1F114 | (E) | PARENTHESIZED LATIN CAPITAL LETTER E ≈ 0028 (0045 E 0029) | 9437 |
| 1F115 | (F) | PARENTHESIZED LATIN CAPITAL LETTER F ≈ 0028 (0046 F 0029) | 9438 |
| 1F116 | (G) | PARENTHESIZED LATIN CAPITAL LETTER G ≈ 0028 (0047 G 0029) | 9439 |
| 1F117 | (H) | PARENTHESIZED LATIN CAPITAL LETTER H ≈ 0028 (0048 H 0029) | 9440 |

| | | | |
|-------|-----|--|------|
| 1F118 | (I) | PARENTHESESIZED LATIN CAPITAL LETTER I ≈ 0028 (0049 I 0029) | 9441 |
| 1F119 | (J) | PARENTHESESIZED LATIN CAPITAL LETTER J ≈ 0028 (004A J 0029) | 9442 |
| 1F11A | (K) | PARENTHESESIZED LATIN CAPITAL LETTER K ≈ 0028 (004B K 0029) | 9443 |
| 1F11B | (L) | PARENTHESESIZED LATIN CAPITAL LETTER L ≈ 0028 (004C L 0029) | 9444 |
| 1F11C | (M) | PARENTHESESIZED LATIN CAPITAL LETTER M ≈ 0028 (004D M 0029) | 9445 |
| 1F11D | (N) | PARENTHESESIZED LATIN CAPITAL LETTER N ≈ 0028 (004E N 0029) | 9446 |
| 1F11E | (O) | PARENTHESESIZED LATIN CAPITAL LETTER O ≈ 0028 (004F O 0029) | 9447 |
| 1F11F | (P) | PARENTHESESIZED LATIN CAPITAL LETTER P ≈ 0028 (0050 P 0029) | 9448 |
| 1F120 | (Q) | PARENTHESESIZED LATIN CAPITAL LETTER Q ≈ 0028 (0051 Q 0029) | 9449 |
| 1F121 | (R) | PARENTHESESIZED LATIN CAPITAL LETTER R ≈ 0028 (0052 R 0029) | 9450 |
| 1F122 | (S) | PARENTHESESIZED LATIN CAPITAL LETTER S ≈ 0028 (0053 S 0029) | 9451 |
| 1F123 | (T) | PARENTHESESIZED LATIN CAPITAL LETTER T ≈ 0028 (0054 T 0029) | 9452 |
| 1F124 | (U) | PARENTHESESIZED LATIN CAPITAL LETTER U ≈ 0028 (0055 U 0029) | 9453 |
| 1F125 | (V) | PARENTHESESIZED LATIN CAPITAL LETTER V ≈ 0028 (0056 V 0029) | 9454 |
| 1F126 | (W) | PARENTHESESIZED LATIN CAPITAL LETTER W ≈ 0028 (0057 W 0029) | 9455 |
| 1F127 | (X) | PARENTHESESIZED LATIN CAPITAL LETTER X ≈ 0028 (0058 X 0029) | 9456 |
| 1F128 | (Y) | PARENTHESESIZED LATIN CAPITAL LETTER Y ≈ 0028 (0059 Y 0029) | 9457 |
| 1F129 | (Z) | PARENTHESESIZED LATIN CAPITAL LETTER Z ≈ 0028 (005A Z 0029) | 9458 |

Tortoise shell bracketed Latin letter

| UCS | glyph | Name, description | ARIB |
|-------|-------|---|------|
| 1F12A | [S] | TORTOISE SHELL BRACKETED LATIN CAPITAL LETTER S ≈ 3014 [0053 S 3015] | 9326 |






Circled italic Latin letter

| UCS | glyph | Name, description | ARIB |
|-------|-------|--|------|
| 1F12B | © | CIRCLED ITALIC LATIN CAPITAL LETTER C = compact disc or single disc record ≈ <circle> 0043 C | 9287 |
| 1F12C | ® | CIRCLED ITALIC LATIN CAPITAL LETTER R = disc record ≈ <circle> 0052 R | 9286 |







Circled multiple Latin letters

| UCS | glyph | Name, description | ARIB |
|-------|-------|---|------|
| 1F12D | ©D | CIRCLED LATIN CAPITAL LETTER C LATIN CAPITAL LETTER D ≈ <circle> 0043 C 0044 D | 9255 |



Squared Latin letters

| UCS | glyph | Name, description | ARIB |
|-------|---|---|------|
| 1F131 |  | SQUARED LATIN CAPITAL LETTER B = b-mode stereo compression broadcasting service ≈ <square> 0042 B | 9062 |
| 1F13D |  | SQUARED LATIN CAPITAL LETTER N = news ≈ <square> 004E N | 9063 |
| 1F13F |  | SQUARED LATIN CAPITAL LETTER P = progressive broadcasting ≈ <square> 0050 P | 9050 |
| 1F142 |  | SQUARED LATIN CAPITAL LETTER S = stereo broadcasting service ≈ <square> 0053 S | 9057 |
| 1F146 |  | SQUARED LATIN CAPITAL LETTER W = wide-format 16-9 broadcasting service ≈ <square> 0057 W | 9051 |



Squared multiple Latin letters



| UCS | glyph | Name, description | ARIB |
|-------|---|--|------|
| 1F14A |  | SQUARED LATIN CAPITAL LETTER H LATIN CAPITAL LETTER V = hdtv ≈ <square> 0048 H 0056 V | 9048 |
| 1F14B |  | SQUARED LATIN CAPITAL LETTER M LATIN CAPITAL LETTER V = multi-view television ≈ <square> 004D M 0056 V | 9052 |
| 1F14C |  | SQUARED LATIN CAPITAL LETTER S LATIN CAPITAL LETTER D = sdtv ≈ <square> 0053 S 0044 D | 9049 |
| 1F14D |  | SQUARED LATIN CAPITAL LETTER S LATIN CAPITAL LETTER S = surround stereo broadcasting service ≈ <square> 0053 S 0053 S | 9061 |
| 1F14E |  | SQUARED LATIN CAPITAL LETTER P LATIN CAPITAL LETTER P LATIN CAPITAL LETTER V = pay-per-view ≈ <square> 0050 P 0050 P 0056 V | 9082 |
| 1F14F |  | SQUARE DJ = disc jockey ≈ <square> 0044 D 004A J | 9289 |

White on black circled Latin letters
(No compatibility mapping, similar to circled numbers in 24EB-24F4)


| UCS | glyph | Name, description | ARIB |
|-------|---|---|------|
| 1F157 |  | WHITE ON BLACK CIRCLED LATIN CAPITAL LETTER H = hotel | 9129 |
| 1F15F |  | WHITE ON BLACK CIRCLED LATIN CAPITAL LETTER P = parking space | 9133 |

White on black squared Latin letters
(Note that the square may be slightly rounded)




| UCS | glyph | Name, description | ARIB |
|-------|---|--|------|
| 1F179 |  | WHITE ON BLACK SQUARED LATIN CAPITAL LETTER J = junction | 9137 |
| 1F17B |  | WHITE ON BLACK SQUARED LATIN CAPITAL LETTER L = leisure center | 9142 |

| | | | |
|-------|---|--|------|
| 1F17C |  | WHITE ON BLACK SQUARED LATIN CAPITAL LETTER M = museum or cultural center | 9148 |
| 1F17F |  | NEGATIVE SQUARED LATIN CAPITAL LETTER P = parking space empty-full | 9016 |









White on black cross squared Latin letter

| UCS | glyph | Name, description | ARIB |
|-------|---|---|------|
| 1F18A |  | CROSSED WHITE ON BLACK SQUARED LATIN CAPITAL LETTER P = parking space closed | 9017 |

White on black multiple squared Latin letters





| UCS | glyph | Name, description | ARIB |
|-------|---|---|------|
| 1F18B |  | WHITE ON BLACK SQUARED LATIN CAPITAL LETTER I LATIN CAPITAL LETTER C = interchange or ramp | 9134 |
| 1F18C |  | WHITE ON BLACK SQUARED LATIN CAPITAL LETTER P LATIN CAPITAL LETTER A = parking area | 9136 |
| 1F18D |  | WHITE ON BLACK SQUARED LATIN CAPITAL LETTER S LATIN CAPITAL LETTER A = service area | 9135 |

Circled numbers on black square

| UCS | glyph | Name, description | ARIB |
|-------|---|---|------|
| 1F18E |  | CIRCLED NUMBER TEN ON BLACK SQUARE = speed limit 10kmh | 9033 |
| 1F18F |  | CIRCLED NUMBER TWENTY ON BLACK SQUARE = speed limit 20kmh | 9034 |
| 1F190 |  | CIRCLED NUMBER THIRTY ON BLACK SQUARE = speed limit 30kmh | 9035 |
| 1F191 |  | CIRCLED NUMBER FORTY ON BLACK SQUARE = speed limit 40kmh | 9036 |
| 1F192 |  | CIRCLED NUMBER FIFTY ON BLACK SQUARE = speed limit 50kmh | 9037 |
| 1F193 |  | CIRCLED NUMBER SIXTY ON BLACK SQUARE = speed limit 60kmh | 9038 |
| 1F194 |  | CIRCLED NUMBER SEVENTY ON BLACK SQUARE = speed limit 70kmh | 9039 |
| 1F195 |  | CIRCLED NUMBER EIGHTY ON BLACK SQUARE = speed limit 80kmh | 9040 |

Enclosed Ideographic supplement (1F200-1F2FF)

Circled CJK Unified Ideographs

| UCS | glyph | Name, description | ARIB |
|-------|---|---|------|
| 1F200 |  | CIRCLED CJK UNIFIED IDEOGRAPH-554F = question ≈ <circle> 554F 問 | 9247 |
| 1F201 |  | CIRCLED CJK UNIFIED IDEOGRAPH-5E7C = kindergarten ≈ <circle> 5E7C 幼 | 9111 |
| 1F202 |  | CIRCLED CJK UNIFIED IDEOGRAPH-624B = school ≈ <circle> 624B 文 | 9110 |
| 1F203 |  | CIRCLED CJK UNIFIED IDEOGRAPH-7B8F = koto (Japanese harp) ≈ <circle> 7B8F 箏 | 9054 |

Squared Katakana

| UCS | glyph | Name, description | ARIB |
|-------|-------|--|------|
| 1F204 | ㊦ | SQUARED KATAKANA DE = data broadcasting service linked with a main program ≈ <square> 30C7 デ | 9056 |

Square Hiragana

| UCS | glyph | Name, description | ARIB |
|-------|-------|--|------|
| 1F205 | ほか | SQUARE HIRAGANA HOKA = and others ≈ <square> 307B ほ 304B か | 9084 |

Squared CJK Unified Ideograph

| UCS | glyph | Name, description | ARIB |
|-------|-------|---|------|
| 1F210 | ㊦ | SQUARED CJK UNIFIED IDEOGRAPH-4E00 ≈ <square> 4E00 一 | 9329 |
| 1F211 | ㊧ | SQUARED CJK UNIFIED IDEOGRAPH-4E09 ≈ <square> 4E09 三 | 9331 |
| 1F212 | ㊨ | SQUARED CJK UNIFIED IDEOGRAPH-4E2D ≈ <square> 4E2D 中 | 9334 |
| 1F213 | ㊩ | SQUARED CJK UNIFIED IDEOGRAPH-4E8C = bilingual broadcasting service ≈ <square> 4E8C 二 | 9058 |
| 1F214 | ㊪ | SQUARED CJK UNIFIED IDEOGRAPH-4EA4 = traffic information ≈ <square> 4EA4 交 | 9067 |
| 1F215 | ㊫ | SQUARED CJK UNIFIED IDEOGRAPH-518D = rebroadcast ≈ <square> 518D 再 | 9074 |
| 1F216 | ㊬ | SQUARED CJK UNIFIED IDEOGRAPH-521D = first released program ≈ <square> 521D 初 | 9076 |
| 1F217 | ㊭ | SQUARED CJK UNIFIED IDEOGRAPH-524D = the first part ≈ <square> 524D 前 | 9072 |
| 1F218 | ㊮ | SQUARED CJK UNIFIED IDEOGRAPH-53CC = two-way broadcasting service ≈ <square> 53CC 双 | 9055 |
| 1F219 | ㊯ | SQUARED CJK UNIFIED IDEOGRAPH-53F3 ≈ <square> 53F3 右 | 9335 |
| 1F21A | ㊰ | SQUARED CJK UNIFIED IDEOGRAPH-5439 = dubbed version ≈ <square> 5439 吹 | 9081 |
| 1F21B | ㊱ | SQUARED CJK UNIFIED IDEOGRAPH-58F0 = voice actors ≈ <square> 58F0 声 | 9080 |
| 1F21C | ㊲ | SQUARED CJK UNIFIED IDEOGRAPH-591A = sound-multiplex broadcasting service ≈ <square> 591A 多 | 9059 |
| 1F21D | ㊳ | SQUARED CJK UNIFIED IDEOGRAPH-5929 = weather forecast ≈ <square> 5929 天 | 9066 |
| 1F21E | ㊴ | SQUARED CJK UNIFIED IDEOGRAPH-5B57 = closed-captioned broadcasting ≈ <square> 5B57 字 | 9054 |
| 1F21F | ㊵ | SQUARED CJK UNIFIED IDEOGRAPH-5DE6 ≈ <square> 5DE6 左 | 9333 |
| 1F220 | ㊶ | SQUARED CJK UNIFIED IDEOGRAPH-5F8C = the latter part ≈ <square> 5F8C 後 | 9073 |
| 1F221 | ㊷ | SQUARED CJK UNIFIED IDEOGRAPH-624B = broadcasting service along with sign language | 9053 |

| | | | |
|-------|---|--|------|
| | | interpretation ≈ <square> 624B 手 | |
| 1F222 | 打 | SQUARED CJK UNIFIED IDEOGRAPH-6253 ≈ <square> 6253 打 | 9338 |
| 1F223 | 投 | SQUARED CJK UNIFIED IDEOGRAPH-6295 ≈ <square> 6295 投 | 9327 |
| 1F224 | 指 | SQUARED CJK UNIFIED IDEOGRAPH-6307 ≈ <square> 6307 指 | 9336 |
| 1F225 | 捕 | SQUARED CJK UNIFIED IDEOGRAPH-6355 ≈ <square> 6355 捕 | 9328 |
| 1F226 | 料 | SQUARED CJK UNIFIED IDEOGRAPH-6599 = pay broadcasting ≈ <square> 6599 料 | 9070 |
| 1F227 | 新 | SQUARED CJK UNIFIED IDEOGRAPH-65B0 = new series of program ≈ <square> 65B0 新 | 9075 |
| 1F228 | 映 | SQUARED CJK UNIFIED IDEOGRAPH-6620 = drama film ≈ <square> 6620 映 | 9068 |
| 1F229 | 演 | SQUARED CJK UNIFIED IDEOGRAPH-6F14 = performed by ≈ <square> 6F14 演 | 9290 |
| 1F22A | 無 | SQUARED CJK UNIFIED IDEOGRAPH-7121 = free broadcasting service ≈ <square> 7121 無 | 9069 |
| 1F22B | 生 | SQUARED CJK UNIFIED IDEOGRAPH-751F = live broadcast ≈ <square> 751F 生 | 9078 |
| 1F22C | 終 | SQUARED CJK UNIFIED IDEOGRAPH-7D42 = the last episode ≈ <square> 7D42 終 | 9077 |
| 1F22D | 解 | SQUARED CJK UNIFIED IDEOGRAPH-89E3 = commentary broadcasting ≈ <square> 89E3 解 | 9060 |
| 1F22E | 販 | SQUARED CJK UNIFIED IDEOGRAPH-8CA9 = mail-order ≈ <square> 8CA9 販 | 9079 |
| 1F22F | 走 | SQUARED CJK UNIFIED IDEOGRAPH-8D70 ≈ <square> 8D70 走 | 9337 |
| 1F230 | 遊 | SQUARED CJK UNIFIED IDEOGRAPH-904A ≈ <square> 904A 遊 | 9332 |

Tortoise shell bracketed CJK Unified Ideographs

| UCS | glyph | Name, description | ARIB |
|-------|-------|---|------|
| 1F240 | 〔三〕 | TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-4E09 ≈ 3014 [4E09 三 3015] | 9318 |
| 1F241 | 〔二〕 | TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-4E8C ≈ 3014 [4E8C 二 3015] | 9319 |
| 1F242 | 〔勝〕 | TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-52DD ≈ 3014 [52DD 勝 3015] | 9324 |
| 1F243 | 〔安〕 | TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-5B89 ≈ 3014 [5B89 安 3015] | 9320 |
| 1F244 | 〔打〕 | TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-6253 ≈ 3014 [6253 打 3015] | 9322 |
| 1F245 | 〔敗〕 | TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-6557 ≈ 3014 [6557 敗 3015] | 9325 |
| 1F246 | 〔本〕 | TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-672C | 9317 |

| | | | |
|-------|-----|--|------|
| | | ≈ 3014 [672C 本 3015] | |
| 1F247 | (点) | TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-70B9 ≈ 3014 [70B9 点 3015] | 9321 |
| 1F248 | (盗) | TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-76D7 ≈ 3014 [76D7 盗 3015] | 9323 |

Line breaking property

All these characters should be either AI, AL, or ID:

- AI: All parenthesized/circled/squared alphanumeric symbols,
- ID: All parenthesized/circled/squared ideographs,
- AL: Others.

Sorting

The new characters fall in three categories as mentioned in the introduction and should sort according to these types and their normalized equivalent if any.

Unicode Character properties

```

2150;VULGAR FRACTION ONE SEVENTH;No;0;ON;<fraction> 0031 2044 0037;;;1/7;N;;;;;
2151;VULGAR FRACTION ONE NINTH;No;0;ON;<fraction> 0031 2044 0039;;;1/9;N;;;;;
2152;VULGAR FRACTION ONE TENTH;No;0;ON;<fraction> 0031 2044 0031 0030;;;1/10;N;;;;;
2189;VULGAR FRACTION ZERO THIRD;No;0;ON;<fraction> 0030 2044 0033;;;0/3;N;;;;;
269E;THREE LINES CONVERGING RIGHT;So;0;ON;;;;;N;;;;;
269F;THREE LINES CONVERGING LEFT;So;0;ON;;;;;N;;;;;
26BD;BASEBALL;So;0;ON;;;;;N;;;;;
26BE;SQUARED KEY;So;0;ON;;;;;N;;;;;
26C4;SNOWMAN WITHOUT SNOW;So;0;ON;;;;;N;;;;;
26C5;SUN BEHIND CLOUD;So;0;ON;;;;;N;;;;;
26C6;RAIN;So;0;ON;;;;;N;;;;;
26C7;BLACK SNOWMAN;So;0;ON;;;;;N;;;;;
26C8;THUNDER CLOUD AND RAIN;So;0;ON;;;;;N;;;;;
26C9;TURNED WHITE SHOGI PIECE;So;0;ON;;;;;N;;;;;
26CA;TURNED BLACK SHOGI PIECE;So;0;ON;;;;;N;;;;;
26CB;CROSSING LANES;So;0;ON;;;;;N;;;;;
26CC;DISABLED CAR;So;0;ON;;;;;N;;;;;
26CD;HEAVY EXCLAMATION POINT;So;0;ON;;;;;N;;;;;
26CE;PICK;So;0;ON;;;;;N;;;;;
26CF;CAR SLIDING;So;0;ON;;;;;N;;;;;
26D0;HELMET WITH WHITE CROSS;So;0;ON;;;;;N;;;;;
26D1;CIRCLED CROSSING LANES;So;0;ON;;;;;N;;;;;
26D2;ALTERNATE ONE-WAY TRAFFIC;So;0;ON;;;;;N;;;;;
26D3;CHAINS;So;0;ON;;;;;N;;;;;
26D4;NO ENTRY;So;0;ON;;;;;N;;;;;
26D5;BLACK TWO WAY TRAFFIC;So;0;ON;;;;;N;;;;;
26D6;WHITE TWO WAY TRAFFIC;So;0;ON;;;;;N;;;;;
26D7;BLACK LANE MERGE;So;0;ON;;;;;N;;;;;
26D8;WHITE LANE MERGE;So;0;ON;;;;;N;;;;;
26D9;DRIVE SLOW;So;0;ON;;;;;N;;;;;
26DA;HEAVY WHITE DOWN-POINTING TRIANGLE;So;0;ON;;;;;N;;;;;
26DB;CLOSED ENTRY 1;So;0;ON;;;;;N;;;;;
26DC;SQUARED SALTIRE;So;0;ON;;;;;N;;;;;
26DD;FALLING DIAGONAL OVER WHITE CERCLE OVER BLACK SQUARE;So;0;ON;;;;;N;;;;;
26DE;BLACK TRUCK;So;0;ON;;;;;N;;;;;
26DF;RESTRICTED ENTRY 1;So;0;ON;;;;;N;;;;;
26E0;RESTRICTED ENTRY 2;So;0;ON;;;;;N;;;;;
26E1;HEAVY LARGE CIRCLE;So;0;ON;;;;;N;;;;;
26E2;WHITE CIRCLE WITH ONE STROKE AND TWO DOTS TO THE TOP;So;0;ON;;;;;N;;;;;
26E3;OVAL BULLSEYE;So;0;ON;;;;;N;;;;;
26E4;HEAVY CIRCLE;So;0;ON;;;;;N;;;;;
26E5;HEAVY CIRCLED SALTIRE;So;0;ON;;;;;N;;;;;
26E6;BLACK CROSS ON SHIELD;So;0;ON;;;;;N;;;;;
26E7;SHINTO SHRINE;So;0;ON;;;;;N;;;;;
26E8;CHURCH;So;0;ON;;;;;N;;;;;
26E9;CASTLE REMAINS;So;0;ON;;;;;N;;;;;
26EA;HISTORIC SITE;So;0;ON;;;;;N;;;;;
26EB;GEAR;So;0;ON;;;;;N;;;;;

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26EC;GEAR WITH HANDLES;So;0;ON;;;;;N;;;;;
26ED;LIGHTHOUSE;So;0;ON;;;;;N;;;;;
26EE;MOUNTAIN;So;0;ON;;;;;N;;;;;
26EF;UMBRELLA ON GROUND;So;0;ON;;;;;N;;;;;
26F0;FOUNTAIN;So;0;ON;;;;;N;;;;;
26F1;FLAG ON A POLE;So;0;ON;;;;;N;;;;;
26F2;BLACK BOAT;So;0;ON;;;;;N;;;;;
26F3;WHITE SAILBOAT;So;0;ON;;;;;N;;;;;
26F4;SQUARE FOUR CORNERS;So;0;ON;;;;;N;;;;;
26F5;SKIER;So;0;ON;;;;;N;;;;;
26F6;ICE SKATE;So;0;ON;;;;;N;;;;;
26F7;PERSON WITH A BALL;So;0;ON;;;;;N;;;;;
26F8;TENT;So;0;ON;;;;;N;;;;;
26F9;JAPANESE BANK SYMBOL;So;0;ON;;;;;N;;;;;
26FA;GRAVEYARD;So;0;ON;;;;;N;;;;;
26FB;GAS PUMP;So;0;ON;;;;;N;;;;;
26FC;CUP ON BLACK SQUARE;So;0;ON;;;;;N;;;;;
26FD;WHITE FLAG WITH AN HORIZONTAL MIDDLE BLACK STRIPE;So;0;ON;;;;;N;;;;;
1F100;DIGIT ZERO FULL STOP;No;0;EN;<compat> 0030 002E;;0;0;N;;;;;
1F101;DIGIT ZERO COMMA;No;0;EN;<compat> 0030 002C;;0;0;N;;;;;
1F102;DIGIT ONE COMMA;No;0;EN;<compat> 0031 002C;;1;1;N;;;;;
1F103;DIGIT TWO COMMA;No;0;EN;<compat> 0032 002C;;2;2;N;;;;;
1F104;DIGIT THREE COMMA;No;0;EN;<compat> 0033 002C;;3;3;N;;;;;
1F105;DIGIT FOUR COMMA;No;0;EN;<compat> 0034 002C;;4;4;N;;;;;
1F106;DIGIT FIVE COMMA;No;0;EN;<compat> 0035 002C;;5;5;N;;;;;
1F107;DIGIT SIX COMMA;No;0;EN;<compat> 0036 002C;;6;6;N;;;;;
1F108;DIGIT SEVEN COMMA;No;0;EN;<compat> 0037 002C;;7;7;N;;;;;
1F109;DIGIT EIGHT COMMA;No;0;EN;<compat> 0038 002C;;8;8;N;;;;;
1F10A;DIGIT NINE COMMA;No;0;EN;<compat> 0039 002C;;9;9;N;;;;;
1F110;PARENTHESED LATIN CAPITAL LETTER A;So;0;L;<compat> 0028 0041 0029;;;N;;;;;
1F111;PARENTHESED LATIN CAPITAL LETTER B;So;0;L;<compat> 0028 0042 0029;;;N;;;;;
1F112;PARENTHESED LATIN CAPITAL LETTER C;So;0;L;<compat> 0028 0043 0029;;;N;;;;;
1F113;PARENTHESED LATIN CAPITAL LETTER D;So;0;L;<compat> 0028 0044 0029;;;N;;;;;
1F114;PARENTHESED LATIN CAPITAL LETTER E;So;0;L;<compat> 0028 0045 0029;;;N;;;;;
1F115;PARENTHESED LATIN CAPITAL LETTER F;So;0;L;<compat> 0028 0046 0029;;;N;;;;;
1F116;PARENTHESED LATIN CAPITAL LETTER G;So;0;L;<compat> 0028 0047 0029;;;N;;;;;
1F117;PARENTHESED LATIN CAPITAL LETTER H;So;0;L;<compat> 0028 0048 0029;;;N;;;;;
1F118;PARENTHESED LATIN CAPITAL LETTER I;So;0;L;<compat> 0028 0049 0029;;;N;;;;;
1F119;PARENTHESED LATIN CAPITAL LETTER J;So;0;L;<compat> 0028 004A 0029;;;N;;;;;
1F11A;PARENTHESED LATIN CAPITAL LETTER K;So;0;L;<compat> 0028 004B 0029;;;N;;;;;
1F11B;PARENTHESED LATIN CAPITAL LETTER L;So;0;L;<compat> 0028 004C 0029;;;N;;;;;
1F11C;PARENTHESED LATIN CAPITAL LETTER M;So;0;L;<compat> 0028 004D 0029;;;N;;;;;
1F11D;PARENTHESED LATIN CAPITAL LETTER N;So;0;L;<compat> 0028 004E 0029;;;N;;;;;
1F11E;PARENTHESED LATIN CAPITAL LETTER O;So;0;L;<compat> 0028 004F 0029;;;N;;;;;
1F11F;PARENTHESED LATIN CAPITAL LETTER P;So;0;L;<compat> 0028 0050 0029;;;N;;;;;
1F120;PARENTHESED LATIN CAPITAL LETTER Q;So;0;L;<compat> 0028 0051 0029;;;N;;;;;
1F121;PARENTHESED LATIN CAPITAL LETTER R;So;0;L;<compat> 0028 0052 0029;;;N;;;;;
1F122;PARENTHESED LATIN CAPITAL LETTER S;So;0;L;<compat> 0028 0053 0029;;;N;;;;;
1F123;PARENTHESED LATIN CAPITAL LETTER T;So;0;L;<compat> 0028 0054 0029;;;N;;;;;
1F124;PARENTHESED LATIN CAPITAL LETTER U;So;0;L;<compat> 0028 0055 0029;;;N;;;;;
1F125;PARENTHESED LATIN CAPITAL LETTER V;So;0;L;<compat> 0028 0056 0029;;;N;;;;;
1F126;PARENTHESED LATIN CAPITAL LETTER W;So;0;L;<compat> 0028 0057 0029;;;N;;;;;
1F127;PARENTHESED LATIN CAPITAL LETTER X;So;0;L;<compat> 0028 0058 0029;;;N;;;;;
1F128;PARENTHESED LATIN CAPITAL LETTER Y;So;0;L;<compat> 0028 0059 0029;;;N;;;;;
1F129;PARENTHESED LATIN CAPITAL LETTER Z;So;0;L;<compat> 0028 005A 0029;;;N;;;;;
1F12A;TORTOISE SHELL BRACKETED LATIN CAPITAL LETTER S;So;0;L;<compat> 3014 0053 3015;;;N;;;;;
1F12B;CIRCLED ITALIC LATIN CAPITAL LETTER C;So;0;L;<circle> 0043;;;N;;;;;
1F12C;CIRCLED ITALIC LATIN CAPITAL LETTER R;So;0;L;<circle> 0052;;;N;;;;;
1F12D;CIRCLED LATIN CAPITAL LETTER C LATIN CAPITAL LETTER D;So;0;L;<circle> 0043 0044;;;N;;;;;
1F131;SQUARED LATIN CAPITAL LETTER B;So;0;L;<square> 0042;;;N;;;;;
1F13D;SQUARED LATIN CAPITAL LETTER N;So;0;L;<square> 004E;;;N;;;;;
1F13F;SQUARED LATIN CAPITAL LETTER P;So;0;L;<square> 0050;;;N;;;;;
1F142;SQUARED LATIN CAPITAL LETTER S;So;0;L;<square> 0053;;;N;;;;;
1F146;SQUARED LATIN CAPITAL LETTER W;So;0;L;<square> 0057;;;N;;;;;
1F14A;SQUARED LATIN CAPITAL LETTER H LATIN CAPITAL LETTER V;So;0;L;<square> 0048 0056;;;N;;;;;
1F14B;SQUARED LATIN CAPITAL LETTER M LATIN CAPITAL LETTER V;So;0;L;<square> 004D 0056;;;N;;;;;
1F14C;SQUARED LATIN CAPITAL LETTER S LATIN CAPITAL LETTER D;So;0;L;<square> 0053 0044;;;N;;;;;
1F14D;SQUARED LATIN CAPITAL LETTER S LATIN CAPITAL LETTER S;So;0;L;<square> 0053 0053;;;N;;;;;
1F14E;SQUARED LATIN CAPITAL LETTER P LATIN CAPITAL LETTER P LATIN CAPITAL LETTER V;So;0;L;<square>
0050 0050 0056;;;N;;;;;
1F14F;SQUARE DJ;So;0;L;<square> 0044 004A;;;N;;;;;
1F157;WHITE ON BLACK CIRCLED LATIN CAPITAL LETTER H;So;0;L;;;;;N;;;;;
1F15F;WHITE ON BLACK CIRCLED LATIN CAPITAL LETTER P;So;0;L;;;;;N;;;;;
1F179;WHITE ON BLACK SQUARED LATIN CAPITAL LETTER J;So;0;L;;;;;N;;;;;

1F17B;WHITE ON BLACK SQUARED LATIN CAPITAL LETTER L;So;0;L;;;;N;;;;;
1F17C;WHITE ON BLACK SQUARED LATIN CAPITAL LETTER M;So;0;L;;;;N;;;;;
1F17F;WHITE ON BLACK SQUARED LATIN CAPITAL LETTER P;So;0;L;;;;N;;;;;
1F18A;CROSSED WHITE ON BLACK SQUARED LATIN CAPITAL LETTER P;So;0;L;;;;N;;;;;
1F18B;WHITE ON BLACK SQUARED LATIN CAPITAL LETTER I LATIN CAPITAL LETTER C;So;0;L;;;;N;;;;;
1F18C;WHITE ON BLACK SQUARED LATIN CAPITAL LETTER P LATIN CAPITAL LETTER A;So;0;L;;;;N;;;;;
1F18D;WHITE ON BLACK SQUARED LATIN CAPITAL LETTER S LATIN CAPITAL LETTER A;So;0;L;;;;N;;;;;
1F18E;CIRCLED NUMBER TEN ON BLACK SQUARE;No;0;ON;;;;10;N;;;;;
1F18F;CIRCLED NUMBER TWENTY ON BLACK SQUARE;No;0;ON;;;;20;N;;;;;
1F190;CIRCLED NUMBER THIRTY ON BLACK SQUARE;No;0;ON;;;;30;N;;;;;
1F191;CIRCLED NUMBER FORTY ON BLACK SQUARE;No;0;ON;;;;40;N;;;;;
1F192;CIRCLED NUMBER FIFTY ON BLACK SQUARE;No;0;ON;;;;50;N;;;;;
1F193;CIRCLED NUMBER SIXTY ON BLACK SQUARE;No;0;ON;;;;60;N;;;;;
1F194;CIRCLED NUMBER SEVENTY ON BLACK SQUARE;No;0;ON;;;;70;N;;;;;
1F195;CIRCLED NUMBER EIGHTY ON BLACK SQUARE;No;0;ON;;;;80;N;;;;;
1F200;CIRCLED CJK UNIFIED IDEOGRAPH-554F;So;0;L;<circle> 554F;;;;N;;;;;
1F201;CIRCLED CJK UNIFIED IDEOGRAPH-5E7C;So;0;L;<circle> 5E7C;;;;N;;;;;
1F202;CIRCLED CJK UNIFIED IDEOGRAPH-624B;So;0;L;<circle> 624B;;;;N;;;;;
1F203;CIRCLED CJK UNIFIED IDEOGRAPH-7B8F;So;0;L;<circle> 7B8F;;;;N;;;;;
1F204;SQUARED KATAKANA DE;So;0;L;<square> 30C7;;;;N;;;;;
1F205;SQUARE HIRAGANA HOKA;So;0;L;<square> 307B 304B;;;;N;;;;;
1F210;SQUARED CJK UNIFIED IDEOGRAPH-4E00;So;0;L;<square> 4E00;;;;N;;;;;
1F211;SQUARED CJK UNIFIED IDEOGRAPH-4E09;So;0;L;<square> 4E09;;;;N;;;;;
1F212;SQUARED CJK UNIFIED IDEOGRAPH-4E2D;So;0;L;<square> 4E2D;;;;N;;;;;
1F213;SQUARED CJK UNIFIED IDEOGRAPH-4E8C;So;0;L;<square> 4E8C;;;;N;;;;;
1F214;SQUARED CJK UNIFIED IDEOGRAPH-4EA4;So;0;L;<square> 4EA4;;;;N;;;;;
1F215;SQUARED CJK UNIFIED IDEOGRAPH-518D;So;0;L;<square> 518D;;;;N;;;;;
1F216;SQUARED CJK UNIFIED IDEOGRAPH-521D;So;0;L;<square> 521D;;;;N;;;;;
1F217;SQUARED CJK UNIFIED IDEOGRAPH-524D;So;0;L;<square> 524D;;;;N;;;;;
1F218;SQUARED CJK UNIFIED IDEOGRAPH-53CC;So;0;L;<square> 53CC;;;;N;;;;;
1F219;SQUARED CJK UNIFIED IDEOGRAPH-53F3;So;0;L;<square> 53F3;;;;N;;;;;
1F21A;SQUARED CJK UNIFIED IDEOGRAPH-5439;So;0;L;<square> 5439;;;;N;;;;;
1F21B;SQUARED CJK UNIFIED IDEOGRAPH-58F0;So;0;L;<square> 58F0;;;;N;;;;;
1F21C;SQUARED CJK UNIFIED IDEOGRAPH-591A;So;0;L;<square> 591A;;;;N;;;;;
1F21D;SQUARED CJK UNIFIED IDEOGRAPH-5929;So;0;L;<square> 5929;;;;N;;;;;
1F21E;SQUARED CJK UNIFIED IDEOGRAPH-5B57;So;0;L;<square> 5B57;;;;N;;;;;
1F21F;SQUARED CJK UNIFIED IDEOGRAPH-5DE6;So;0;L;<square> 5DE6;;;;N;;;;;
1F220;SQUARED CJK UNIFIED IDEOGRAPH-5F8C;So;0;L;<square> 5F8C;;;;N;;;;;
1F221;SQUARED CJK UNIFIED IDEOGRAPH-624B;So;0;L;<square> 624B;;;;N;;;;;
1F222;SQUARED CJK UNIFIED IDEOGRAPH-6253;So;0;L;<square> 6253;;;;N;;;;;
1F223;SQUARED CJK UNIFIED IDEOGRAPH-6295;So;0;L;<square> 6295;;;;N;;;;;
1F224;SQUARED CJK UNIFIED IDEOGRAPH-6307;So;0;L;<square> 6307;;;;N;;;;;
1F225;SQUARED CJK UNIFIED IDEOGRAPH-6355;So;0;L;<square> 6355;;;;N;;;;;
1F226;SQUARED CJK UNIFIED IDEOGRAPH-6599;So;0;L;<square> 6599;;;;N;;;;;
1F227;SQUARED CJK UNIFIED IDEOGRAPH-65B0;So;0;L;<square> 65B0;;;;N;;;;;
1F228;SQUARED CJK UNIFIED IDEOGRAPH-6620;So;0;L;<square> 6620;;;;N;;;;;
1F229;SQUARED CJK UNIFIED IDEOGRAPH-6F14;So;0;L;<square> 6F14;;;;N;;;;;
1F22A;SQUARED CJK UNIFIED IDEOGRAPH-7121;So;0;L;<square> 7121;;;;N;;;;;
1F22B;SQUARED CJK UNIFIED IDEOGRAPH-751F;So;0;L;<square> 751F;;;;N;;;;;
1F22C;SQUARED CJK UNIFIED IDEOGRAPH-7D42;So;0;L;<square> 7D42;;;;N;;;;;
1F22D;SQUARED CJK UNIFIED IDEOGRAPH-89E3;So;0;L;<square> 89E3;;;;N;;;;;
1F22E;SQUARED CJK UNIFIED IDEOGRAPH-8CA9;So;0;L;<square> 8CA9;;;;N;;;;;
1F22F;SQUARED CJK UNIFIED IDEOGRAPH-8D70;So;0;L;<square> 8D70;;;;N;;;;;
1F230;SQUARED CJK UNIFIED IDEOGRAPH-904A;So;0;L;<square> 904A;;;;N;;;;;
1F240;TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-4E09;So;0;L;<compat> 3014 4E09 3015;;;;N;;;;;
1F241;TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-4E8C;So;0;L;<compat> 3014 4E8C 3015;;;;N;;;;;
1F242;TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-52DD;So;0;L;<compat> 3014 52DD 3015;;;;N;;;;;
1F243;TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-5B89;So;0;L;<compat> 3014 5B89 3015;;;;N;;;;;
1F244;TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-6253;So;0;L;<compat> 3014 6253 3015;;;;N;;;;;
1F245;TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-6557;So;0;L;<compat> 3014 6557 3015;;;;N;;;;;
1F246;TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-672C;So;0;L;<compat> 3014 672C 3015;;;;N;;;;;
1F247;TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-70B9;So;0;L;<compat> 3014 70B9 3015;;;;N;;;;;
1F248;TORTOISE SHELL BRACKETED CJK UNIFIED IDEOGRAPH-76D7;So;0;L;<compat> 3014 76D7 3015;;;;N;;;;;

**ISO/IEC JTC 1/SC 2/WG 2
PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS
FOR ADDITIONS TO THE REPERTOIRE OF ISO/IEC 10646¹**

Please fill all the sections A, B and C below.

Please read Principles and Procedures Document (P & P) from <http://www.dkuug.dk/JTC1/SC2/WG2/docs/principles.html> for guidelines and details before filling this form.

Please ensure you are using the latest Form from <http://www.dkuug.dk/JTC1/SC2/WG2/docs/summaryform.html>.

See also <http://www.dkuug.dk/JTC1/SC2/WG2/docs/roadmaps.html> for latest Roadmaps.

A. Administrative

| | | | |
|--|---|------------|-------|
| 1. Title: | <i>Proposal for encoding Japanese TV symbols (ARIB)</i> | | |
| 2. Requester's name: | <i>Michel Suignard Microsoft</i> | | |
| 3. Requester type (Member body/Liaison/Individual contribution): | <i>Individual contribution</i> | | |
| 4. Submission date: | <i>1/18/2008</i> | | |
| 5. Requester's reference (if applicable): | ..... |  |  |
| 6. Choose one of the following: | | | |
| This is a complete proposal: | ..... | <i>Yes</i> | ..... |
| (or) More information will be provided later: | ..... | <i>No</i> | ..... |

B. Technical – General

| | | | |
|---|---|------------------------------------|----------|
| 1. Choose one of the following: | | | |
| a. This proposal is for a new script (set of characters): | ..... | <i>No</i> | ..... |
| Proposed name of script: | ..... |  |  |
| b. The proposal is for addition of character(s) to an existing block: | ..... | <i>Yes</i> | ..... |
| Name of the existing block: | <i>Many, see proposal</i> | | |
| 2. Number of characters in proposal: | ..... | <i>184</i> | ..... |
| 3. Proposed category (select one from below - see section 2.2 of P&P document): | | | |
| A-Contemporary | B.1-Specialized (small collection) | B.2-Specialized (large collection) | <i>x</i> |
| C-Major extinct | D-Attested extinct | E-Minor extinct | ..... |
| F-Archaic Hieroglyphic or Ideographic | G-Obscure or questionable usage symbols |  | ..... |
| 4. Is a repertoire including character names provided? | | | |
| a. If YES, are the names in accordance with the “character naming guidelines” in Annex L of P&P document? | ..... | <i>Yes</i> | ..... |
| b. Are the character shapes attached in a legible form suitable for review? | ..... | <i>Yes</i> | ..... |
| 5. Who will provide the appropriate computerized font (ordered preference: True Type, or PostScript format) for publishing the standard? | | | |
| If available now, identify source(s) for the font (include address, e-mail, ftp-site, etc.) and indicate the tools used: | <i>Author</i> | | |
| 6. References: | | | |
| a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided? | ..... | <i>Yes</i> | ..... |
| b. Are published examples of use (such as samples from newspapers, magazines, or other sources) of proposed characters attached? | <i>No, but URL reference to standard provided</i> | | |
| 7. Special encoding issues: | | | |
| Does the proposal address other aspects of character data processing (if applicable) such as input, presentation, sorting, searching, indexing, transliteration etc. (if yes please enclose information)? | ..... | <i>Yes</i> | ..... |

8. Additional Information:
 Submitters are invited to provide any additional information about Properties of the proposed Character(s) or Script that will assist in correct understanding of and correct linguistic processing of the proposed character(s) or script. Examples of such properties are: Casing information, Numeric information, Currency information, Display behaviour information such as line breaks, widths etc., Combining behaviour, Spacing behaviour, Directional behaviour, Default Collation behaviour, relevance in Mark Up contexts, Compatibility equivalence and other Unicode normalization related information. See the Unicode standard at <http://www.unicode.org> for such information on other scripts. Also see <http://www.unicode.org/Public/UNIDATA/UCD.html> and associated Unicode Technical Reports for information needed for consideration by the Unicode Technical Committee for inclusion in the Unicode Standard.

¹ Form number: N3102-F (Original 1994-10-14; Revised 1995-01, 1995-04, 1996-04, 1996-08, 1999-03, 2001-05, 2001-09, 2003-11, 2005-01, 2005-09, 2005-10, 2007-03)

C. Technical - Justification

| | |
|--|--|
| 1. Has this proposal for addition of character(s) been submitted before? If YES explain | <i>No</i> |
| 2. Has contact been made to members of the user community (for example: National Body, user groups of the script or characters, other experts, etc.)? If YES, with whom? If YES, available relevant documents: | <i>Yes</i> <i>Japanese Standardization body</i> <i>ARIB STD-B24 Version 5.1-E1</i> |
| 3. Information on the user community for the proposed characters (for example: size, demographics, information technology use, or publishing use) is included? Reference: | <i>Japan</i> |
| 4. The context of use for the proposed characters (type of use; common or rare) Reference: | <i>common</i> <i>In the context of Japanese TV broadcast</i> |
| 5. Are the proposed characters in current use by the user community? If YES, where? Reference: | <i>Yes</i> <i>Japanese TV broadcast</i> |
| 6. After giving due considerations to the principles in the P&P document must the proposed characters be entirely in the BMP? If YES, is a rationale provided? If YES, reference: | <i>No</i> |
| 7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)? | <i>No</i> |
| 8. Can any of the proposed characters be considered a presentation form of an existing character or character sequence? If YES, is a rationale for its inclusion provided? If YES, reference: | <i>No</i> |
| 9. Can any of the proposed characters be encoded using a composed character sequence of either existing characters or other proposed characters? If YES, is a rationale for its inclusion provided? If YES, reference: | <i>Yes</i> <i>Yes</i> <i>This document</i> |
| 10. Can any of the proposed character(s) be considered to be similar (in appearance or function) to an existing character? If YES, is a rationale for its inclusion provided? If YES, reference: | <i>No</i> |
| 11. Does the proposal include use of combining characters and/or use of composite sequences? If YES, is a rationale for such use provided? If YES, reference: Is a list of composite sequences and their corresponding glyph images (graphic symbols) provided? If YES, reference: | <i>No</i> |
| 12. Does the proposal contain characters with any special properties such as control function or similar semantics? If YES, describe in detail (include attachment if necessary) | <i>No</i> |
| 13. Does the proposal contain any Ideographic compatibility character(s)? If YES, is the equivalent corresponding unified ideographic character(s) identified? If YES, reference: | <i>No</i> |

Following are the characters from the ARIB standard that are already encoded or are not proposed for encoding. These characters are shown by order of appearance in the ARIB standard.

Following these lists, the charts for the new characters are shown as they would appear in the standard name list.

Symbols

Numbers followed by period, first set (10-12)

| ARIB | glyph | Description | UCS | glyph | Name |
|------|-------|----------------|------|-------|-------------------------|
| 9045 | 10. | TIME OF DAY 10 | 2491 | 10. | NUMBER TEN FULL STOP |
| 9046 | 11. | TIME OF DAY 11 | 2492 | 11. | NUMBER ELEVEN FULL STOP |
| 9047 | 12. | TIME OF DAY 12 | 2493 | 12. | NUMBER TWELVE FULL STOP |

Broadcast symbols

| ARIB | glyph | Description | UCS | glyph | Name |
|------|-------|----------------------|------|-------|---------------------------|
| 9064 | ■ | BACKGROUND RECTANGLE | 2B1B | ■ | BLACK LARGE SQUARE (Amd4) |
| 9065 | ● | BACKGROUND CIRCLE | 2B24 | ● | BLACK LARGE CIRCLE (Amd4) |
| 9083 | ㊫ | CONFIDENTIAL | 3299 | ㊫ | CIRCLED IDEOGRAPH SECRET |

Map/Guide symbols

| ARIB | glyph | Description | UCS | glyph | Name |
|------|-------|-------------------------|------|-------|--|
| 9103 | ◎ | MUNICIPAL OFFICE | 25CE | ◎ | BULLSEYE |
| 9106 | × | POLICE SATELLITE OFFICE | 2613 | × | SALTIRE |
| 9107 | ㊦ | FIRE STATION | 328B | ㊦ | CIRCLED IDEOGRAPH FIRE |
| 9108 | 〒 | POST OFFICE | 3012 | 〒 | POSTAL MARK |
| 9113 | 卍 | TEMPLE | 0FD6 | 卍 | TIBETAN SYMBOL GYUNG DRUNG PHYI-KOR (Amd5) |
| 9117 | ♨ | HOT SPRING | 2668 | ♨ | HOT SPRINGS |
| 9121 | ⚓ | HARBOR | 2693 | ⚓ | ANCHOR |
| 9122 | ✈ | AIRPORT | 2708 | ✈ | AIRPLANE |
| 9130 | Ⓓ | DEPARTMENT STORE | 24B9 | Ⓓ | CIRCLED LATIN CAPITAL LETTER D |
| 9131 | Ⓔ | STATION | 24C8 | Ⓔ | CIRCLED LATIN CAPITAL LETTER S |
| 9143 | ☎ | TELEPHONE COMPANY | 260E | ☎ | TELEPHONE |

Arrows and ellipses

| ARIB | glyph | Description | UCS | glyph | comment |
|------|-------|-------------|------|-------|------------------------|
| 9201 | ➡ | | 27A1 | ➡ | BLACK RIGHTWARDS ARROW |
| 9202 | ⬅ | | 2B05 | ⬅ | BLACK LEFTWARDS ARROW |
| 9203 | ⬆ | | 2B06 | ⬆ | BLACK UPWARDS ARROW |
| 9204 | ⬇ | | 2B07 | ⬇ | BLACK DOWNWARDS ARROW |

| | | | | | |
|------|---|--|------|---|------------------------|
| 9205 | ○ | | 2B2F | ○ | WHITE VERTICAL ELLIPSE |
| 9206 | ● | | 2B2E | ● | BLACK VERTICAL ELLIPSE |

Japanese date and currency symbols

Their mapping to regular CJK Unified Ideographs is shown below, although it may be argued that usage as a symbol would require a separate encoding to be typeface independent.

| ARIB | glyph | Description | UCS | glyph | comment |
|------|-------|-------------|------|-------|---------|
| 9207 | 年 | | 5E74 | 年 | Year |
| 9208 | 月 | | 6708 | 月 | Month |
| 9209 | 日 | | 65E5 | 日 | Day |
| 9210 | 円 | | 5186 | 円 | Yen |

Squared Latin abbreviations

| ARIB | Glyph | Description | UCS | glyph | comment |
|------|-----------------|-------------------|------|-----------------|-------------------|
| 9211 | m ² | | 33A1 | m ² | SQUARE M SQUARED |
| 9212 | m ³ | | 33A5 | m ³ | SQUARE M CUBED |
| 9213 | cm | CENTIMETER | 339D | cm | SQUARE CM |
| 9214 | cm ² | SQUARE CENTIMETER | 33A0 | cm ² | SQUARE CM SQUARED |
| 9215 | cm ³ | CUBIC CENTIMETER | 33A4 | cm ³ | SQUARE CM CUBED |

Numbers period, second set (0-9)

| ARIB | glyph | Description | UCS | glyph | comment |
|------|-------|-------------|------|-------|-----------------------|
| 9217 | 1. | | 2488 | 1. | DIGIT ONE FULL STOP |
| 9218 | 2. | | 2489 | 2. | DIGIT TWO FULL STOP |
| 9219 | 3. | | 248A | 3. | DIGIT THREE FULL STOP |
| 9220 | 4. | | 248B | 4. | DIGIT FOUR FULL STOP |
| 9221 | 5. | | 248C | 5. | DIGIT FIVE FULL STOP |
| 9222 | 6. | | 248D | 6. | DIGIT SIX FULL STOP |
| 9223 | 7. | | 248E | 7. | DIGIT SEVEN FULL STOP |
| 9224 | 8. | | 248F | 8. | DIGIT EIGHT FULL STOP |
| 9225 | 9. | | 2490 | 9. | DIGIT NINE FULL STOP |

Registry office symbols (?)

| ARIB | glyph | Description | UCS | glyph | comment |
|------|-------|-------------|------|-------|------------------------------------|
| 9226 | 氏 | | 6C0F | | (related to 氏 family) 70% size |
| 9227 | 副 | | 526F | | (related to 副 supplement) 70% size |
| 9228 | 元 | | 5143 | | (related to 元 first) 70% size |
| 9229 | 故 | | 6545 | | (related to 故 late, old) 70% size |

| | | | | | |
|------|---|--|------|--|-----------------------------------|
| 9230 | 前 | | 524D | | (related to 前 preceding) 70% size |
| 9231 | 新 | | 65B0 | | (related to 新 new) 70% size |

Parenthesized and Circled Ideographs

| ARIB | glyph | Description | UCS | glyph | comment |
|------|-------|-----------------|------|-------|-----------------------------------|
| 9242 | (社) | ZAIDANHOUZIN | 3233 | (社) | PARENTHESIZED IDEOGRAPH SOCIETY |
| 9243 | (財) | SYADANHOUZIN | 3236 | (財) | PARENTHESIZED IDEOGRAPH FINANCIAL |
| 9244 | (有) | YU-UGENKAISYA | 3232 | (有) | PARENTHESIZED IDEOGRAPH HAVE |
| 9245 | (株) | KABUSHIKIKAISYA | 3231 | (株) | PARENTHESIZED IDEOGRAPH STOCK |
| 9246 | (代) | REPRESENTATION | 3239 | (代) | PARENTHESIZED IDEOGRAPH REPRESENT |

Geometric shapes (could also be music related, see ARIB 9064-9065)

| ARIB | glyph | Description | UCS | glyph | comment |
|------|-------|-------------|------|-------|-------------------------------|
| 9248 | ▶ | | 25B6 | ▶ | BLACK RIGHT-POINTING TRIANGLE |
| 9249 | ◀ | | 25C0 | ◀ | BLACK LEFT-POINTING TRIANGLE |

CJK brackets

| ARIB | glyph | Description | UCS | glyph | comment |
|------|-------|-------------|------|-------|--------------------------------|
| 9250 | 【 | | 3016 | 【 | LEFT WHITE LENTICULAR BRACKET |
| 9251 | 】 | | 3017 | 】 | RIGHT WHITE LENTICULAR BRACKET |

Miscellaneous Technical

| ARIB | glyph | Description | UCS | glyph | comment |
|------|-------|-------------|------|-------|-------------------------------|
| 9252 | ◊ | | 27D0 | ◊ | WHITE DIAMOND WITH CENTER DOT |

Superscripts

| ARIB | glyph | Description | UCS | glyph | comment |
|------|--------------|-------------|------|--------------|--|
| 9253 | ² | | 00B2 | ² | SUPERSCRIPIT TWO (different advance width) |
| 9254 | ³ | | 00B3 | ³ | SUPERSCRIPIT THREE |

Close Caption (?) symbols

| ARIB | glyph | Description | UCS | glyph | comment |
|------|-------------|-------------|-----|-------|-------------|
| 9256 | <i>(vn)</i> | VIOLIN | | | |
| 9257 | <i>(ob)</i> | OBOE | | | |
| 9258 | <i>(cb)</i> | CONTRABASS | | | |
| 9259 | <i>(ce)</i> | CEMBALO 1 | | | First part |
| 9260 | <i>(mb)</i> | CEMBALO 2 | | | Second part |
| 9261 | <i>(hp)</i> | HARP | | | |

| | | | | | |
|------|-------------|-----------------|--|--|-------------|
| 9262 | <i>(br)</i> | BARITONE | | | |
| 9263 | <i>(p)</i> | PIANO | | | |
| 9264 | <i>(s)</i> | SOPRANO | | | |
| 9265 | <i>(ms)</i> | MEZZO-SOPRANO | | | |
| 9266 | <i>(t)</i> | TENOR | | | |
| 9267 | <i>(bs)</i> | BASSO | | | |
| 9268 | <i>(b)</i> | BASS | | | |
| 9269 | <i>(tb)</i> | TROMBONE | | | |
| 9270 | <i>(tp)</i> | TRUMPET | | | |
| 9271 | <i>(ds)</i> | DRUMS | | | |
| 9272 | <i>(ag)</i> | ACOUSTIC GUITAR | | | |
| 9273 | <i>(eg)</i> | ELECTRIC GUITAR | | | |
| 9274 | <i>(vo)</i> | VOCAL | | | |
| 9275 | <i>(fl)</i> | FLUTE | | | |
| 9276 | <i>(ke)</i> | KEYBOARD 1 | | | First part |
| 9277 | <i>y)</i> | KEYBOARD 2 | | | Second part |
| 9278 | <i>(sa)</i> | SAXOPHONE 1 | | | First part |
| 9279 | <i>x)</i> | SAXOPHONE 2 | | | Second part |
| 9280 | <i>(sy)</i> | SYNTHESIZER 1 | | | First part |
| 9281 | <i>n)</i> | SYNTHESIZER 2 | | | Second part |
| 9282 | <i>(or)</i> | ORGAN 1 | | | First part |
| 9283 | <i>g)</i> | ORGAN 2 | | | Second part |
| 9284 | <i>(pe)</i> | PERCUSSION 1 | | | First part |
| 9285 | <i>r)</i> | PERCUSSION 2 | | | Second part |

Letterlike symbols

| ARIB | glyph | Description | UCS | glyph | comment |
|------|-------|-------------|------|-------|----------------|
| 9291 | Fax | FACSIMILE | 213B | FAX | FACSIMILE SIGN |

Parenthesized ideographs

| ARIB | glyph | Description | UCS | glyph | comment |
|------|-------|-------------|------|-------|-------------------------------|
| 9301 | (月) | | 322A | (月) | PARENTHESIZED IDEOGRAPH MOON |
| 9302 | (火) | | 322B | (火) | PARENTHESIZED IDEOGRAPH FIRE |
| 9303 | (水) | | 322C | (水) | PARENTHESIZED IDEOGRAPH WATER |
| 9304 | (木) | | 322D | (木) | PARENTHESIZED IDEOGRAPH WOOD |
| 9305 | (金) | | 322E | (金) | PARENTHESIZED IDEOGRAPH METAL |
| 9306 | (土) | | 322F | (土) | PARENTHESIZED IDEOGRAPH EARTH |

| | | | | | |
|------|-----|--|------|-----|--|
| 9307 | (日) | | 3230 | (日) | PARENTHESESIZED IDEOGRAPH SUN |
| 9308 | (祝) | | 3237 | (祝) | PARENTHESESIZED IDEOGRAPH CONGRATULATION |

Japanese Era names

| ARIB | glyph | Description | UCS | glyph | comment |
|------|-------|----------------|------|-------|-------------------------|
| 9309 | 明治 | THE MEIJI ERA | 337E | 明治 | SQUARE ERA NAME MEIZI |
| 9310 | 大正 | THE TAISHO ERA | 337D | 大正 | SQUARE ERA NAME TAISYOU |
| 9311 | 昭和 | THE SHOWA ERA | 337C | 昭和 | SQUARE ERA NAME SYOUWA |
| 9312 | 大正 | THE HEISEI ERA | 337D | 大正 | SQUARE ERA NAME HEISEI |

Letterlike symbols

| ARIB | glyph | Description | UCS | glyph | comment |
|------|-------|-------------|------|-------|----------------|
| 9313 | No. | | 2116 | No. | NUMERO SIGN |
| 9314 | Tel | | 2121 | TEL | TELEPHONE SIGN |

Miscellaneous symbols

| ARIB | glyph | Description | UCS | glyph | comment |
|------|-------|-------------|------|-------|-------------------|
| 9315 | Ⓣ | | 3036 | Ⓣ | CIRCLED POST MARK |

Letterlike symbol

| ARIB | glyph | Description | UCS | glyph | comment |
|------|-------|-------------|------|-------|----------------|
| 9339 | ℓ | LITER | 2113 | ℓ | SCRIPT SMALL L |

Squared Latin abbreviations







| ARIB | glyph | Description | UCS | glyph | comment |
|------|-----------------|------------------|------|-----------------|-------------------|
| 9340 | kg | KILOGRAM | 338F | kg | SQUARE KG |
| 9341 | Hz | HERTZ | 3390 | Hz | SQUARE HZ |
| 9342 | ha | HECTARE | 33CA | ha | SQUARE HA |
| 9343 | km | KILOMETER | 339E | km | SQUARE KM |
| 9344 | km ² | SQUARE KILOMETER | 33A2 | km ² | SQUARE KM SQUARED |
| 9345 | hPa | HECTOPASCAL | 3371 | hPa | SQUARE HPA |

Number forms





















| ARIB | glyph | Description | UCS | glyph | comment |
|------|-------|----------------|------|-------|--------------------------------|
| 9348 | ½ | A HALF | 00BD | ½ | VULGAR FRACTION ONE HALF |
| 9350 | ⅓ | ONE THIRD | 2153 | ⅓ | VULGAR FRACTION ONE THIRD |
| 9351 | ⅔ | TWO THIRDS | 2154 | ⅔ | VULGAR FRACTION TWO THIRDS |
| 9352 | ¼ | A QUARTER | 00BC | ¼ | VULGAR FRACTION ONE QUARTER |
| 9353 | ¾ | THREE QUARTERS | 00BE | ¾ | VULGAR FRACTION THREE QUARTERS |

| | | | | | |
|------|-----|--------------|------|-----|------------------------------|
| 9354 | 1/5 | ONE FIFTH | 2155 | 1/5 | VULGAR FRACTION ONE FIFTH |
| 9355 | 2/5 | TWO FIFTHS | 2156 | 2/5 | VULGAR FRACTION TWO FIFTHS |
| 9356 | 3/5 | THREE FIFTHS | 2157 | 3/5 | VULGAR FRACTION THREE FIFTHS |
| 9357 | 4/5 | FOUR FIFTHS | 2158 | 4/5 | VULGAR FRACTION FOUR FIFTHS |
| 9358 | 1/6 | ONE SIXTH | 2159 | 1/6 | VULGAR FRACTION ONE SIXTH |
| 9359 | 5/6 | FIVE SIXTHS | 215A | 5/6 | VULGAR FRACTION FIVE SIXTHS |
| 9361 | 1/8 | ONE EIGHTH | 215B | 1/8 | VULGAR FRACTION ONE EIGHTH |







Weather symbols, first part

| ARIB | glyph | Description | UCS | glyph | Comment |
|------|---|-------------|------|---|---------------------|
| 9364 |  | | 2600 |  | BLACK SUN WITH RAYS |
| 9365 |  | | 2601 |  | CLOUD |
| 9366 |  | | 2602 |  | UMBRELLA |





Miscellaneous symbols

| ARIB | glyph | Description | UCS | glyph | comment |
|------|---|-------------|------|---|------------------------------------|
| 9368 |  | | 2616 |  | WHITE SHOGI PIECE |
| 9369 |  | | 2617 |  | BLACK SHOGI PIECE |
| 9372 |  | | 2666 |  | BLACK DIAMOND SUIT (SMALLER) |
| 9373 |  | | 2665 |  | BLACK HEART SUIT (SMALLER) |
| 9374 |  | | 2663 |  | BLACK CLUB SUIT (SMALLER) |
| 9375 |  | | 2660 |  | BLACK SPADE SUIT (SMALLER) |
| 9376 |  | | 233A |  | APL FUNCTIONAL SYMBOL QUAD DIAMOND |
| 9377 |  | | 2A00 |  | N-ARY CIRCLED DOT OPERATOR |
| 9378 |  | | 203C |  | DOUBLE EXCLAMATION MARK |
| 9379 |  | | 2049 |  | EXCLAMATION QUESTION MARK |

Weather symbols, second part

| ARIB | glyph | Description | UCS | glyph | comment |
|------|---|-------------|------|---|---|
| 9381 |  | SHOWER | 2614 |  | UMBRELLA WITH RAIN DROPS |
| 9383 |  | SNOW | 2603 |  | SNOWMAN |
| 9385 |  | THUNDER | 26A1 |  | HIGH VOLTAGE SIGN (different meaning but similar glyph) |

Close Caption symbols

| ARIB | glyph | Description | UCS | glyph | comment |
|------|---|-------------|------|---|--|
| 9390 |  | | 266C |  | BEAMED SIXTEENTH NOTES (Background music CC) |
| 9391 |  | | 260E |  | BLACK TELEPHONE (Phone ringing CC) |

Number and Letter forms

| ARIB | glyph | Description | UCS | glyph | comment |
|------|-------|-----------------------------|------|-------|-----------------------------|
| 9401 | I | | 2160 | I | ROMAN NUMERAL ONE |
| 9402 | II | | 2161 | II | ROMAN NUMERAL TWO |
| 9403 | III | | 2162 | III | ROMAN NUMERAL THREE |
| 9404 | IV | | 2163 | IV | ROMAN NUMERAL FOUR |
| 9405 | V | | 2164 | V | ROMAN NUMERAL FIVE |
| 9406 | VI | | 2165 | VI | ROMAN NUMERAL SIX |
| 9407 | VII | | 2166 | VII | ROMAN NUMERAL SEVEN |
| 9408 | VIII | | 2167 | VIII | ROMAN NUMERAL EIGHT |
| 9409 | IX | | 2168 | IX | ROMAN NUMERAL NINE |
| 9410 | X | | 2169 | X | ROMAN NUMERAL TEN |
| 9411 | XI | | 216A | XI | ROMAN NUMERAL ELEVEN |
| 9412 | XII | | 216B | XII | ROMAN NUMERAL TWELVE |
| 9413 | ⑰ | CIRCLED NUMBER SEVENTEEN | 2470 | ⑰ | CIRCLED NUMBER SEVENTEEN |
| 9414 | ⑱ | CIRCLED NUMBER EIGHTEEN | 2471 | ⑱ | CIRCLED NUMBER EIGHTEEN |
| 9415 | ⑲ | CIRCLED NUMBER NINETEEN | 2472 | ⑲ | CIRCLED NUMBER NINETEEN |
| 9416 | ⑳ | CIRCLED NUMBER TWENTY | 2473 | ⑳ | CIRCLED NUMBER TWENTY |
| 9417 | (1) | | 2474 | (1) | PARENTHESIZED DIGIT ONE |
| 9418 | (2) | | 2475 | (2) | PARENTHESIZED DIGIT TWO |
| 9419 | (3) | | 2476 | (3) | PARENTHESIZED DIGIT THREE |
| 9420 | (4) | | 2477 | (4) | PARENTHESIZED DIGIT FOUR |
| 9421 | (5) | | 2478 | (5) | PARENTHESIZED DIGIT FIVE |
| 9422 | (6) | | 2479 | (6) | PARENTHESIZED DIGIT SIX |
| 9423 | (7) | | 247A | (7) | PARENTHESIZED DIGIT SEVEN |
| 9424 | (8) | | 247B | (8) | PARENTHESIZED DIGIT EIGHT |
| 9425 | (9) | | 247C | (9) | PARENTHESIZED DIGIT NINE |
| 9426 | (10) | | 247D | (10) | PARENTHESIZED DIGIT TEN |
| 9427 | (11) | | 247E | (11) | PARENTHESIZED DIGIT ELEVEN |
| 9428 | (12) | | 247F | (12) | PARENTHESIZED DIGIT TWELVE |
| 9429 | ㉑ | CIRCLED NUMBER TWENTY ONE | 3251 | ㉑ | CIRCLED NUMBER TWENTY ONE |
| 9430 | ㉒ | CIRCLED NUMBER TWENTY TWO | 3252 | ㉒ | CIRCLED NUMBER TWENTY TWO |
| 9431 | ㉓ | CIRCLED NUMBER TWENTY THREE | 3253 | ㉓ | CIRCLED NUMBER TWENTY THREE |
| 9432 | ㉔ | CIRCLED NUMBER TWENTY FOUR | 3254 | ㉔ | CIRCLED NUMBER TWENTY FOUR |
| 9459 | ㉕ | CIRCLED NUMBER TWENTY-FIVE | 3255 | ㉕ | CIRCLED NUMBER TWENTY FIVE |
| 9460 | ㉖ | CIRCLED NUMBER TWENTY-SIX | 3256 | ㉖ | CIRCLED NUMBER TWENTY SIX |

| | | | | | |
|------|---|-----------------------------|------|---|---------------------------------------|
| 9461 | ⑲ | CIRCLED NUMBER TWENTY-SEVEN | 3257 | ⑲ | CIRCLED NUMBER TWENTY SEVEN |
| 9462 | ⑳ | CIRCLED NUMBER TWENTY-EIGHT | 3258 | ⑳ | CIRCLED NUMBER TWENTY EIGHT |
| 9463 | ㉑ | CIRCLED NUMBER TWENTY-NINE | 3259 | ㉑ | CIRCLED NUMBER TWENTY NINE |
| 9464 | ㉒ | CIRCLED NUMBER THIRTY | 325a | ㉒ | CIRCLED NUMBER THIRTY |
| 9465 | ① | CIRCLE DIGIT ONE | 2460 | ① | CIRCLE DIGIT ONE |
| 9466 | ② | CIRCLE DIGIT TWO | 2461 | ② | CIRCLE DIGIT TWO |
| 9467 | ③ | CIRCLE DIGIT THREE | 2462 | ③ | CIRCLE DIGIT THREE |
| 9468 | ④ | CIRCLE DIGIT FOUR | 2463 | ④ | CIRCLE DIGIT FOUR |
| 9469 | ⑤ | CIRCLE DIGIT FIVE | 2464 | ⑤ | CIRCLE DIGIT FIVE |
| 9470 | ⑥ | CIRCLE DIGIT SIX | 2465 | ⑥ | CIRCLE DIGIT SIX |
| 9471 | ⑦ | CIRCLE DIGIT SEVEN | 2466 | ⑦ | CIRCLE DIGIT SEVEN |
| 9472 | ⑧ | CIRCLE DIGIT EIGHT | 2467 | ⑧ | CIRCLE DIGIT EIGHT |
| 9473 | ⑨ | CIRCLE DIGIT NINE | 2468 | ⑨ | CIRCLE DIGIT NINE |
| 9474 | ⑩ | CIRCLE DIGIT TEN | 2469 | ⑩ | CIRCLE DIGIT TEN |
| 9475 | ⑪ | CIRCLE DIGIT ELEVEN | 246a | ⑪ | CIRCLE DIGIT ELEVEN |
| 9476 | ⑫ | CIRCLE DIGIT TWELVE | 246b | ⑫ | CIRCLE DIGIT TWELVE |
| 9477 | ⑬ | CIRCLE DIGIT THIRTEEN | 246c | ⑬ | CIRCLE DIGIT THIRTEEN |
| 9478 | ⑭ | CIRCLE DIGIT FOURTEEN | 246d | ⑭ | CIRCLE DIGIT FOURTEEN |
| 9479 | ⑮ | CIRCLE DIGIT FIFTEEN | 246e | ⑮ | CIRCLE DIGIT FIFTEEN |
| 9480 | ⑯ | CIRCLE DIGIT SIXTEEN | 246f | ⑯ | CIRCLE DIGIT SIXTEEN |
| 9481 | ❶ | | 2776 | ❶ | DINGBAT NEGATIVE CIRCLED DIGIT ONE |
| 9482 | ❷ | | 2777 | ❷ | DINGBAT NEGATIVE CIRCLED DIGIT TWO |
| 9483 | ❸ | | 2778 | ❸ | DINGBAT NEGATIVE CIRCLED DIGIT THREE |
| 9484 | ❹ | | 2779 | ❹ | DINGBAT NEGATIVE CIRCLED DIGIT FOUR |
| 9485 | ❺ | | 277a | ❺ | DINGBAT NEGATIVE CIRCLED DIGIT FIVE |
| 9486 | ❻ | | 277b | ❻ | DINGBAT NEGATIVE CIRCLED DIGIT SIX |
| 9487 | ❼ | | 277c | ❼ | DINGBAT NEGATIVE CIRCLED DIGIT SEVEN |
| 9488 | ❽ | | 277d | ❽ | DINGBAT NEGATIVE CIRCLED DIGIT EIGHT |
| 9489 | ❾ | | 277e | ❾ | DINGBAT NEGATIVE CIRCLED DIGIT NINE |
| 9490 | ❿ | | 277f | ❿ | DINGBAT NEGATIVE CIRCLED DIGIT TEN |
| 9491 | ⓫ | | 24eb | ⓫ | DINGBAT NEGATIVE CIRCLED DIGIT ELEVEN |
| 9492 | ⓬ | | 24ec | ⓬ | DINGBAT NEGATIVE CIRCLED DIGIT TWELVE |
| 9493 | ㉓ | CIRCLED NUMBER THIRTY-ONE | 325b | ㉓ | CIRCLED NUMBER THIRTY ONE |

| | 215 | 216 | 217 | 218 |
|---|------------------------|-----|-----|-----------------------|
| 0 | $\frac{1}{7}$ 2150 | | | |
| 1 | $\frac{1}{9}$ 2151 | | | |
| 2 | $\frac{1}{10}$ 2152 | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | $\frac{0}{3}$ 2189 |
| A | | | | |
| B | | | | |
| C | | | | |
| D | | | | |
| E | | | | |
| F | | | | |

Fractions

- 2150 $\frac{1}{7}$ VULGAR FRACTION ONE SEVENTH
≈ <fraction> 0031 1 2044/ 0037 7
- 2151 $\frac{1}{9}$ VULGAR FRACTION ONE NINTH
≈ <fraction> 0031 1 2044/ 0039 9
- 2152 $\frac{1}{10}$ VULGAR FRACTION ONE TENTH
≈ <fraction> 0031 1 2044/ 0031 1 0030 0

Fractions

- 2189 $\frac{0}{3}$ VULGAR ZERO THIRD
= baseball related ARIB STD B24
≈ <fraction> 0030 0 2044/ 0033 3

| | 260 | 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 26A | 26B | 26C | 26D | 26E | 26F | |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| 0 | | | | | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | |
| A | | | | | | | | | | | | | | | | | |
| B | | | | | | | | | | | | | | | | | |
| C | | | | | | | | | | | | | | | | | |
| D | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | | | |

Miscellaneous symbols ARIB STD B24

- 269E ≧ THREE LINES CONVERGING RIGHT
= someone speaking (close caption)
269F ≦ THREE LINES CONVERGING LEFT
= background speaking (close caption)

Miscellaneous symbols ARIB STD B24

- 26BD ⚾ BASEBALL
26BE 🔒 SQUARED KEY
= parental lock

Weather symbols ARIB STD B24

- 26C4 ☁ SNOWMAN WITHOUT SNOW
= light snow
26C5 ☀ SUN BEHIND CLOUD
= fair weather
26C6 🌧 RAIN
= rainy weather
26C7 ⚫ BLACK SNOWMAN
= heavy snow
26C8 ⚡ THUNDER CLOUD AND RAIN
= thunderstorm

Japanese Chess symbols ARIB STD B24

- 26C9 ♔ TURNED WHITE SHOGI PIECE
26CA ♜ TURNED BLACK SHOGI PIECE


Traffic signs ARIB STD B24

- 26CB ✖ CROSSING LANES
= accident
→ 292C ◻ falling diagonal crossing raising diagonal
26CC 🚫 DISABLED CAR
26CD ! HEAVY EXCLAMATION POINT
= obstacles on the road
→ 2762 ! heavy exclamation point ornament
26CE ⚧ PICK
= under construction
26CF 🚗 CAR SLIDING
= icy road
26D0 ⚙ HELMET WITH WHITE CROSS
= maintenance
26D1 ⓧ CIRCLED CROSSING LANES
= road closed
26D2 🚦 ALTERNATE ONE-WAY TRAFFIC
26D3 🛑 CHAINS
= tire chains required
26D4 🚫 NO ENTRY
26D5 ⬆️ BLACK TWO WAY TRAFFIC
26D6 ⬆️ WHITE TWO WAY TRAFFIC
26D7 🚧 BLACK LANE MERGE
26D8 ⬆️ WHITE LANE MERGE
26D9 🚧 DRIVE SLOW
26DA ⚠ HEAVY WHITE DOWN-POINTING TRIANGLE
= drive slow 2
→ 25BD ▾ white down-pointing triangle
26DB 🚫 CLOSED ENTRY 1
26DC ⓧ SQUARED SALTIRE
= closed entry 2
→ 22A0 ⓧ squared times

- 26DD 🚫 FALLING DIAGONAL OVER WHITE CIRCLE
OVER BLACK SQUARE
= closed to large cars 1
26DE 🚚 BLACK TRUCK
= closed to large cars 2
26DF 🚫 RESTRICTED ENTRY 1
26E0 🚫 RESTRICTED ENTRY 2
26E1 ⓪ HEAVY LARGE CIRCLE
= basic symbol for speed limit
→ 25EF ○ large circle

Dictionary and map symbols ARIB STD B24

- 26E2 ⓪ WHITE CIRCLE WITH ONE STROKE AND TWO DOTS TO THE TOP
= public office
26E3 ⓪ OVAL BULLSEYE
= prefectural office
26E4 ⓪ HEAVY CIRCLE
= town or village office
→ 25CB ○ white circle
26E5 ⓧ HEAVY CIRCLED SALTIRE
= police station
→ 2A02 ◻ n-ary circled dot operator
26E6 🏥 BLACK CROSS ON SHIELD
= hospital
26E7 🏛 SHINTO SHRINE
26E8 🏪 CHURCH
26E9 🏰 CASTLE REMAINS
26EA 🗺 HISTORIC SITE
26EB ⚙ GEAR
= factory
26EC ⚙ GEAR WITH HANDLES
= power plant or power substation
26ED 🗼 LIGHTHOUSE
26EE ⚙ MOUNTAIN
26EF 🌂 UMBRELLA ON GROUND
= bathing beach
26F0 🏞 FOUNTAIN
= park
26F1 🏌 FLAG ON A POLE
= golf course
26F2 🚢 BLACK BOAT
= ferry boat terminal
26F3 ⚓ WHITE SAILBOAT
= marina or yachy harbour
26F4 📐 SQUARE FOUR CORNERS
= intersection
26F5 🎿 SKIER
= skiing field
26F6 🛷 ICE SKATE
= ice skating rink
26F7 🏀 PERSON WITH A BALL
= track and field or gymnasium
26F8 🏕 TENT
= camping site
26F9 🏦 JAPANESE BANK SYMBOL
26FA 🏪 GRAVEYARD
= memorial park or cemetery
26FB 🛢 GAS PUMP
= gas station
26FC 🏪 CUP ON BLACK SQUARE
= drive-in restaurant

26FD  WHITE FLAG WITH AN HORIZONTAL MIDDLE
BLACK STRIPE
= Japanese self-defense-force site

| | 1F10 | 1F11 | 1F12 | 1F13 | 1F14 | 1F15 | 1F16 | 1F17 | 1F18 | 1F19 | 1F1A | 1F1B | 1F1C | 1F1D | 1F1E | 1F1F |
|---|--------------------|---------------------|----------------------|-------------------|---------------------|-------------------|------|------|-------------------|--------------------|------|------|------|------|------|------|
| 0 | 0. 1F100 | (A) 1F110 | (Q) 1F120 | | | | | | | 30 1F190 | | | | | | |
| 1 | 0, 1F101 | (B) 1F111 | (R) 1F121 | B 1F131 | | | | | | 40 1F191 | | | | | | |
| 2 | 1, 1F102 | (C) 1F112 | (S) 1F122 | | S 1F142 | | | | | 50 1F192 | | | | | | |
| 3 | 2, 1F103 | (D) 1F113 | (T) 1F123 | | | | | | | 60 1F193 | | | | | | |
| 4 | 3, 1F104 | (E) 1F114 | (U) 1F124 | | | | | | | 70 1F194 | | | | | | |
| 5 | 4, 1F105 | (F) 1F115 | (V) 1F125 | | | | | | | 80 1F195 | | | | | | |
| 6 | 5, 1F106 | (G) 1F116 | (W) 1F126 | | W 1F146 | | | | | | | | | | | |
| 7 | 6, 1F107 | (H) 1F117 | (X) 1F127 | | | H 1F157 | | | | | | | | | | |
| 8 | 7, 1F108 | (I) 1F118 | (Y) 1F128 | | | | | | | | | | | | | |
| 9 | 8, 1F109 | (J) 1F119 | (Z) 1F129 | | | | | | J 1F179 | | | | | | | |
| A | 9, 1F10A | (K) 1F11A | [S] 1F12A | | HV 1F14A | | | | | R 1F18A | | | | | | |
| B | | (L) 1F11B | (C) 1F12B | | MV 1F14B | | | | L 1F17B | IC 1F18B | | | | | | |
| C | | (M) 1F11C | (R) 1F12C | | SD 1F14C | | | | M 1F17C | PA 1F18C | | | | | | |
| D | | (N) 1F11D | (CD) 1F12D | N 1F13D | SS 1F14D | | | | | SA 1F18D | | | | | | |
| E | | (O) 1F11E | | | PPV 1F14E | | | | | 10 1F18E | | | | | | |
| F | | (P) 1F11F | | P 1F13F | DJ 1F14F | P 1F15F | | | P 1F17F | 20 1F18F | | | | | | |

Number period

1F100 **0**. DIGIT ZERO FULL STOP
≈ 0030 0 002E .

Numbers comma

1F101 **0**, DIGIT ZERO COMMA
≈ 0030 0 002C ,
1F102 **1**, DIGIT ONE COMMA
≈ 0031 1 002C ,
1F103 **2**, DIGIT TWO COMMA
≈ 0032 2 002C ,
1F104 **3**, DIGIT THREE COMMA
≈ 0033 3 002C ,
1F105 **4**, DIGIT FOUR COMMA
≈ 0034 4 002C ,
1F106 **5**, DIGIT FIVE COMMA
≈ 0035 5 002C ,
1F107 **6**, DIGIT SIX COMMA
≈ 0036 6 002C ,
1F108 **7**, DIGIT SEVEN COMMA
≈ 0037 7 002C ,
1F109 **8**, DIGIT EIGHT COMMA
≈ 0038 8 002C ,
1F10A **9**, DIGIT NINE COMMA
≈ 0039 9 002C ,

Parenthesized Latin letters

1F110 **(A)** PARENTHESIZED LATIN CAPITAL LETTER A
≈ 0028 (0041 A 0029) ;;;;N;,,,,;
1F111 **(B)** PARENTHESIZED LATIN CAPITAL LETTER B
≈ 0028 (0042 B 0029)
1F112 **(C)** PARENTHESIZED LATIN CAPITAL LETTER C
≈ 0028 (0043 C 0029)
1F113 **(D)** PARENTHESIZED LATIN CAPITAL LETTER D
≈ 0028 (0044 D 0029)
1F114 **(E)** PARENTHESIZED LATIN CAPITAL LETTER E
≈ 0028 (0045 E 0029)
1F115 **(F)** PARENTHESIZED LATIN CAPITAL LETTER F
≈ 0028 (0046 F 0029)
1F116 **(G)** PARENTHESIZED LATIN CAPITAL LETTER G
≈ 0028 (0047 G 0029)
1F117 **(H)** PARENTHESIZED LATIN CAPITAL LETTER H
≈ 0028 (0048 H 0029)
1F118 **(I)** PARENTHESIZED LATIN CAPITAL LETTER I
≈ 0028 (0049 I 0029)
1F119 **(J)** PARENTHESIZED LATIN CAPITAL LETTER J
≈ 0028 (004A J 0029)
1F11A **(K)** PARENTHESIZED LATIN CAPITAL LETTER K
≈ 0028 (004B K 0029)
1F11B **(L)** PARENTHESIZED LATIN CAPITAL LETTER L
≈ 0028 (004C L 0029)
1F11C **(M)** PARENTHESIZED LATIN CAPITAL LETTER M
≈ 0028 (004D M 0029)
1F11D **(N)** PARENTHESIZED LATIN CAPITAL LETTER N
≈ 0028 (004E N 0029)
1F11E **(O)** PARENTHESIZED LATIN CAPITAL LETTER O
≈ 0028 (004F O 0029)
1F11F **(P)** PARENTHESIZED LATIN CAPITAL LETTER P
≈ 0028 (0050 P 0029)
1F120 **(Q)** PARENTHESIZED LATIN CAPITAL LETTER Q
≈ 0028 (0051 Q 0029)

1F121 **(R)** PARENTHESIZED LATIN CAPITAL LETTER R
≈ 0028 (0052 R 0029)
1F122 **(S)** PARENTHESIZED LATIN CAPITAL LETTER S
≈ 0028 (0053 S 0029)
1F123 **(T)** PARENTHESIZED LATIN CAPITAL LETTER T
≈ 0028 (0054 T 0029)
1F124 **(U)** PARENTHESIZED LATIN CAPITAL LETTER U
≈ 0028 (0055 U 0029)
1F125 **(V)** PARENTHESIZED LATIN CAPITAL LETTER V
≈ 0028 (0056 V 0029)
1F126 **(W)** PARENTHESIZED LATIN CAPITAL LETTER W
≈ 0028 (0057 W 0029)
1F127 **(X)** PARENTHESIZED LATIN CAPITAL LETTER X
≈ 0028 (0058 X 0029)
1F128 **(Y)** PARENTHESIZED LATIN CAPITAL LETTER Y
≈ 0028 (0059 Y 0029)
1F129 **(Z)** PARENTHESIZED LATIN CAPITAL LETTER Z
≈ 0028 (005A Z 0029)

Tortoise shell bracketed Latin letters

1F12A **(S)** TORTOISE SHELL BRACKETED LATIN CAPITAL LETTER S
≈ 3014 [0053 S 3015]

Circled italic Latin letters ARIB STD B24




1F12B **(C)** CIRCLED ITALIC LATIN CAPITAL LETTER C
= compact disc or single disc record
≈ <circle> 0043 C
1F12C **(R)** CIRCLED ITALIC LATIN CAPITAL LETTER R
= disc record
≈ <circle> 0052 R

Circled multiple Latin letter

1F12D **(CD)** CIRCLED LATIN CAPITAL LETTER C LATIN CAPITAL LETTER D
≈ <circle> 0043 C 0044 D

Squared Latin letters








1F131 **(B)** SQUARED LATIN CAPITAL LETTER B
= b-mode stereo compression broadcasting service
ARIB STD B24
≈ <square> 0042 B
1F132 **(R)** <reserved>
1F133 **(R)** <reserved>
1F134 **(R)** <reserved>
1F135 **(R)** <reserved>
1F136 **(R)** <reserved>
1F137 **(R)** <reserved>
1F138 **(R)** <reserved>
1F139 **(R)** <reserved>
1F13A **(R)** <reserved>
1F13B **(R)** <reserved>
1F13C **(R)** <reserved>
1F13D **(N)** SQUARED LATIN CAPITAL LETTER N
= news ARIB STD B24
≈ <square> 004E N
1F13E **(R)** <reserved>
1F13F **(P)** SQUARED LATIN CAPITAL LETTER P
= progressive broadcasting ARIB STD B24
≈ <square> 0050 P
1F140 **(R)** <reserved>
1F141 **(R)** <reserved>

- 1F142 **S** SQUARED LATIN CAPITAL LETTER S
= stereo broadcasting service ARIB STD B24
≈ <square> 0053 S
- 1F143  <reserved>
- 1F144  <reserved>
- 1F145  <reserved>
- 1F146 **W** SQUARED LATIN CAPITAL LETTER W
= wide-format 16-9 broadcasting service ARIB
STD B24
≈ <square> 0057 W

Squared multiple Latin letters ARIB STD B24


- 1F14A **HV** SQUARED LATIN CAPITAL LETTER H LATIN
CAPITAL LETTER V
= hdtv
≈ <square> 0048 H 0056 V
- 1F14B **MV** SQUARED LATIN CAPITAL LETTER M LATIN
CAPITAL LETTER V
= multi-view television
≈ <square> 004D M 0056 V
- 1F14C **SD** SQUARED LATIN CAPITAL LETTER S LATIN
CAPITAL LETTER D
= sdtv
≈ <square> 0053 S 0044 D
- 1F14D **SS** SQUARED LATIN CAPITAL LETTER S LATIN
CAPITAL LETTER S
= surround stereo broadcasting service
≈ <square> 0053 S 0053 S
- 1F14E **PPV** SQUARED LATIN CAPITAL LETTER P LATIN
CAPITAL LETTER P LATIN CAPITAL LETTER V
= pay-per-view
≈ <square> 0050 P 0050 P 0056 V
- 1F14F **DJ** SQUARE DJ
= disc jokey
≈ <square> 0044 D 004A J



White on black circled Latin letters

- 1F157 **H** WHITE ON BLACK CIRCLED LATIN CAPITAL
LETTER H
= hotel ARIB STD B24
- 1F158  <reserved>
- 1F159  <reserved>
- 1F15A  <reserved>
- 1F15B  <reserved>
- 1F15C  <reserved>
- 1F15D  <reserved>
- 1F15E  <reserved>
- 1F15F **P** WHITE ON BLACK CIRCLED LATIN CAPITAL
LETTER P
= parking space ARIB STD B24

White on black squared Latin letters

The square edges may be slightly rounded.

- 1F179 **J** WHITE ON BLACK SQUARED LATIN CAPITAL
LETTER J
= junction ARIB STD B24
- 1F17A  <reserved>
- 1F17B **L** WHITE ON BLACK SQUARED LATIN CAPITAL
LETTER L
= leisure center ARIB STD B24

- 1F17C **M** WHITE ON BLACK SQUARED LATIN CAPITAL
LETTER M
= museum or cultural center ARIB STD B24
- 1F17D  <reserved>
- 1F17E  <reserved>
- 1F17F **P** WHITE ON BLACK SQUARED LATIN CAPITAL
LETTER P
= parking space empty-full ARIB STD B24

White on black crossed squared Latin letter ARIB STD B24

- 1F18A **PC** CROSSED WHITE ON BLACK SQUARED LATIN
CAPITAL LETTER P
= parking space closed

White on black multiplier squared Latin letters ARIB STD B24

- 1F18B **IC** WHITE ON BLACK SQUARED LATIN CAPITAL
LETTER I LATIN CAPITAL LETTER C
= interchange or ramp
- 1F18C **PA** WHITE ON BLACK SQUARED LATIN CAPITAL
LETTER P LATIN CAPITAL LETTER A
= parking area
- 1F18D **SA** WHITE ON BLACK SQUARED LATIN CAPITAL
LETTER S LATIN CAPITAL LETTER A
= service area

Circled numbers on black square ARIB STD B24

- 1F18E **10** CIRCLED NUMBER TEN ON BLACK SQUARE
= speed limit 10kmh
- 1F18F **20** CIRCLED NUMBER TWENTY ON BLACK
SQUARE
= speed limit 20kmh
- 1F190 **30** CIRCLED NUMBER THIRTY ON BLACK SQUARE
= speed limit 30kmh
- 1F191 **40** CIRCLED NUMBER FORTY ON BLACK SQUARE
= speed limit 40kmh
- 1F192 **50** CIRCLED NUMBER FIFTY ON BLACK SQUARE
= speed limit 50kmh
- 1F193 **60** CIRCLED NUMBER SIXTY ON BLACK SQUARE
= speed limit 60kmh
- 1F194 **70** CIRCLED NUMBER SEVENTY ON BLACK
SQUARE
= speed limit 70kmh
- 1F195 **80** CIRCLED NUMBER EIGHTY ON BLACK SQUARE
= speed limit 80kmh

| | 1F20 | 1F21 | 1F22 | 1F23 | 1F24 | 1F25 | 1F26 | 1F27 | 1F28 | 1F29 | 1F2A | 1F2B | 1F2C | 1F2D | 1F2E | 1F2F |
|---|-------------|------------|------------|------------|------------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 問 1F200 | 一 1F210 | 後 1F220 | 遊 1F230 | 三 1F240 | | | | | | | | | | | |
| 1 | 幼 1F201 | 三 1F211 | 手 1F221 | | 二 1F241 | | | | | | | | | | | |
| 2 | 文 1F202 | 中 1F212 | 打 1F222 | | 勝 1F242 | | | | | | | | | | | |
| 3 | 箏 1F203 | 二 1F213 | 投 1F223 | | 安 1F243 | | | | | | | | | | | |
| 4 | テ 1F204 | 交 1F214 | 指 1F224 | | 打 1F244 | | | | | | | | | | | |
| 5 | ほか 1F205 | 再 1F215 | 捕 1F225 | | 敗 1F245 | | | | | | | | | | | |
| 6 | | 初 1F216 | 料 1F226 | | 本 1F246 | | | | | | | | | | | |
| 7 | | 前 1F217 | 新 1F227 | | 点 1F247 | | | | | | | | | | | |
| 8 | | 双 1F218 | 映 1F228 | | 盗 1F248 | | | | | | | | | | | |
| 9 | | 右 1F219 | 演 1F229 | | | | | | | | | | | | | |
| A | | 吹 1F21A | 無 1F22A | | | | | | | | | | | | | |
| B | | 声 1F21B | 生 1F22B | | | | | | | | | | | | | |
| C | | 多 1F21C | 終 1F22C | | | | | | | | | | | | | |
| D | | 天 1F21D | 解 1F22D | | | | | | | | | | | | | |
| E | | 字 1F21E | 吹 1F22E | | | | | | | | | | | | | |
| F | | 左 1F21F | 走 1F22F | | | | | | | | | | | | | |

Circled CJK unified ideographs ARIB STD B24

- 1F200 問 CIRCLED CJK UNIFIED IDEOGRAPH-554F
= question
≈ <circle> 554F 問
- 1F201 幼 CIRCLED CJK UNIFIED IDEOGRAPH-5E7C
= kindergarten
≈ <circle> 5E7C 幼
- 1F202 学 CIRCLED CJK UNIFIED IDEOGRAPH-624B
= school
≈ <circle> 624B 学
- 1F203 箏 CIRCLED CJK UNIFIED IDEOGRAPH-7B8F
= koto (Japanese harp)
≈ <circle> 7B8F 箏

Squared katakana ARIB STD B24

- 1F204 ㊦ SQUARED KATAKANA DE
= data broadcasting service linked with a main program
≈ <square> 30C7 デ

Square Hiragana ARIB STD B24

- 1F205 ほか SQUARE HIRAGANA HOKA
= and others
≈ <square> 307B ほ 304B か

Squared CJK unified ideographs ARIB STD B24

- 1F210 一 SQUARED CJK UNIFIED IDEOGRAPH-4E00
≈ <square> 4E00 一
- 1F211 三 SQUARED CJK UNIFIED IDEOGRAPH-4E09
≈ <square> 4E09 三
- 1F212 中 SQUARED CJK UNIFIED IDEOGRAPH-4E2D
≈ <square> 4E2D 中
- 1F213 二 SQUARED CJK UNIFIED IDEOGRAPH-4E8C
= bilingual broadcasting service
≈ <square> 4E8C 二
- 1F214 交 SQUARED CJK UNIFIED IDEOGRAPH-4EA4
= traffic information
≈ <square> 4EA4 交
- 1F215 再 SQUARED CJK UNIFIED IDEOGRAPH-518D
= rebroadcast
≈ <square> 518D 再
- 1F216 初 SQUARED CJK UNIFIED IDEOGRAPH-521D
= first released program
≈ <square> 521D 初
- 1F217 前 SQUARED CJK UNIFIED IDEOGRAPH-524D
= the first part
≈ <square> 524D 前
- 1F218 双 SQUARED CJK UNIFIED IDEOGRAPH-53CC
= two-way broadcasting service
≈ <square> 53CC 双
- 1F219 右 SQUARED CJK UNIFIED IDEOGRAPH-53F3
≈ <square> 53F3 右
- 1F21A 吹 SQUARED CJK UNIFIED IDEOGRAPH-5439
= dubbed version
≈ <square> 5439 吹
- 1F21B 声 SQUARED CJK UNIFIED IDEOGRAPH-58F0
= voice actors
≈ <square> 58F0 声

- 1F21C 多 SQUARED CJK UNIFIED IDEOGRAPH-591A
= sound-multiplex broadcasting service
≈ <square> 591A 多
- 1F21D 天 SQUARED CJK UNIFIED IDEOGRAPH-5929
= weather forecast
≈ <square> 5929 天
- 1F21E 字 SQUARED CJK UNIFIED IDEOGRAPH-5B57
= close-captioned broadcasting
≈ <square> 5B57 字
- 1F21F 左 SQUARED CJK UNIFIED IDEOGRAPH-5DE6
≈ <square> 5DE6 左
- 1F220 後 SQUARED CJK UNIFIED IDEOGRAPH-5F8C
= the latter part
≈ <square> 5F8C 後
- 1F221 手 SQUARED CJK UNIFIED IDEOGRAPH-624B
= broadcasting service along with sign language interpretation
≈ <square> 624B 手
- 1F222 打 SQUARED CJK UNIFIED IDEOGRAPH-6253
≈ <square> 6253 打
- 1F223 投 SQUARED CJK UNIFIED IDEOGRAPH-6295
≈ <square> 6295 投
- 1F224 指 SQUARED CJK UNIFIED IDEOGRAPH-6307
≈ <square> 6307 指
- 1F225 捕 SQUARED CJK UNIFIED IDEOGRAPH-6355
≈ <square> 6355 捕
- 1F226 料 SQUARED CJK UNIFIED IDEOGRAPH-6599
= pay broadcasting
≈ <square> 6599 料
- 1F227 新 SQUARED CJK UNIFIED IDEOGRAPH-65B0
= new series of program
≈ <square> 65B0 新
- 1F228 映 SQUARED CJK UNIFIED IDEOGRAPH-6620
= drama film
≈ <square> 6620 映
- 1F229 演 SQUARED CJK UNIFIED IDEOGRAPH-6F14
= performed by
≈ <square> 6F14 演
- 1F22A 無 SQUARED CJK UNIFIED IDEOGRAPH-7121
= free broadcasting service
≈ <square> 7121 無
- 1F22B 生 SQUARED CJK UNIFIED IDEOGRAPH-751F
= live broadcast
≈ <square> 751F 生
- 1F22C 終 SQUARED CJK UNIFIED IDEOGRAPH-7D42
= the last episode
≈ <square> 7D42 終
- 1F22D 解 SQUARED CJK UNIFIED IDEOGRAPH-89E3
= commentary broadcasting
≈ <square> 89E3 解
- 1F22E 欧 SQUARED CJK UNIFIED IDEOGRAPH-8CA9
= mail-order
≈ <square> 8CA9 欧
- 1F22F 走 SQUARED CJK UNIFIED IDEOGRAPH-8D70
≈ <square> 8D70 走
- 1F230 遊 SQUARED CJK UNIFIED IDEOGRAPH-904A
≈ <square> 904A 遊

Tortoise shell bracketed CJK unified ideographs ARIB STD B24

- 1F240 ㊦ TORTOISE SHELL BRACKETED CJK UNIFIED
IDEOGRAPH-4E09
≈ <compat> 3014 [4E09 ㊦ 3015]
- 1F241 ㊧ TORTOISE SHELL BRACKETED CJK UNIFIED
IDEOGRAPH-4E8C
≈ <compat> 3014 [4E8C ㊧ 3015]
- 1F242 ㊨ TORTOISE SHELL BRACKETED CJK UNIFIED
IDEOGRAPH-52DD
≈ <compat> 3014 [52DD ㊨ 3015]
- 1F243 ㊩ TORTOISE SHELL BRACKETED CJK UNIFIED
IDEOGRAPH-5B89
≈ <compat> 3014 [5B89 ㊩ 3015]
- 1F244 ㊪ TORTOISE SHELL BRACKETED CJK UNIFIED
IDEOGRAPH-6253
≈ <compat> 3014 [6253 ㊪ 3015]
- 1F245 ㊫ TORTOISE SHELL BRACKETED CJK UNIFIED
IDEOGRAPH-6557
≈ <compat> 3014 [6557 ㊫ 3015]
- 1F246 ㊬ TORTOISE SHELL BRACKETED CJK UNIFIED
IDEOGRAPH-672C
≈ <compat> 3014 [672C ㊬ 3015]
- 1F247 ㊭ TORTOISE SHELL BRACKETED CJK UNIFIED
IDEOGRAPH-70B9
≈ <compat> 3014 [70B9 ㊭ 3015]
- 1F248 ㊮ TORTOISE SHELL BRACKETED CJK UNIFIED
IDEOGRAPH-76D7
≈ <compat> 3014 [76D7 ㊮ 3015]