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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 25892.4-2010

**Information technology -- Uyghur, Kazak, Kirgiz coded
character set. 32 dot matrix font -- Part 4: Kufi bold**

信息技术 维吾尔文、哈萨克文、柯尔克孜文编码字符集 32点阵字型 第4部分：库
非黑体

(English Translation)

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Foreword

All technical content in this section is mandatory.

GB 25892 "IT Uyghur, Kazak, Kirgiz coded character set 32 dot matrix font" is divided into the following sections.

- Part 1. body white body;
- Part 2. Text in bold;
- Part 3. Libraries non-white body;
- Part 4. Non-blackbody library;
- Part 5. such as grams of white body;
- Part 6. blackbody as grams;
- Part 7. Tariq white body;
- Part 8. Tariq blackbody;

This section is part of the 4 GB 25892.

This section based on GB 21669-2008 "IT Uyghur, Kazak, Kirgiz coded character set" under Uyghur, Kazak, Kirgiz nominal character, appeared deformed characters and common symbols, with our current standard Uighur, Kazakh Sack paper, Kirghiz text form the basis and in accordance with existing norms Uyghur, Kazak, Kirgiz orthographic principles, design and provides information systems Uyghur, Kazak, Kirgiz 32 dot matrix library non-blackbody (see Appendix A) fonts.

This section of the Appendices A and B are informative annex, Annex C is normative appendix.

This part of the National Information Technology Standardization Technical Committee (SAC/TC28) and focal points.

Introduction

Authorization to use the relevant font data transfer matters, to maintain the standard font data, updating and revision of unity is responsible for the centralized units.

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1 Scope

The provisions of section GB 25892 GB 21669-2008 in the Uygur, Kazak, Kirgiz 32 character dot matrix library Non-boldface type.

This section applies to the Uygur, Kazak, Kirgiz information systems, but also for other related equipment.

2 Normative references

The following documents contain provisions which, through reference in this text, constitute provisions of this part. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this section, however, encourage the parties to this part of the research agreement Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB 21669-2008 IT Uygur, Kazak, Kirgiz coded character set GB 13000 Information technology - Universal Multiple-Octet Coded Character Set (UCS) (GB 13000-2010, ISO/IEC 10646:2003, IDT)

3 Terms and Definitions

The following terms and definitions apply to this section.

Font glyph

One kind of recognizable abstract graphic symbol, it does not depend on any particular design.

Font font

Glyph image has the same basic design of the collection, such as. non-library bold.

Bitmap fonts dotmatrixfont in a collection of dots to show the graphic character type

(shape).

Font width the effective width of the dot graphic characters.

Word order characterorder Graphic character in the set are arranged according to certain rules of order.

4 Graphic character

4.1

The number of characters this section according to GB 21669-2008 provisions provided Uygur, Kazak, Kirgiz 190 graphic characters, in which.

Uygur, Kazak, Kirgiz behalf of 42 characters;

Uygur, Kazak, Kirgiz deformed characters appear 143;

Uygur, Kazak, Kirgiz share numbers, punctuation marks, special symbols 5.

4.2

A character sequence this section provides 190 Uygur, Kazak, Kirgiz nominal character, appeared deformed characters and common symbols font They are arranged in the order specified in GB 13000.

5 Standard data management

In order to strengthen the exchange of information with the product with Uighur, Kazakh, Kirghiz management font and text-based data standards, to ensure that this Part in the implementation of data consistency and correctness to authorize the use of font data transfer matters, to maintain the standard font data, Updating and revision of the responsibility of the unified centralized units.

The method represents bitmap fonts

6.1 Grid

Equidistant grid by a number of vertical and horizontal lines intersect to form.

The provisions of section 32 bitmap fonts, which is a lateral grid 32 grid, 32 longitudinal grid. The center of each square is set at the center position of the point.

Raster Only constituting the lattice points are positioned 32 dot grid shown in Figure 1.

Figure 132 dot raster

6.2 Points

Point is the smallest unit constituting the lattice-shaped, circular indicated that it is located within the black areas of the parties to the grid.

6.3 Lattice words

Words Uygur, Kazak, Kirgiz graphic character bitmap fonts from a number of points placed within the grid to set the table Shown. Uygur, Kazak, Kirgiz, "" the word lattice 32 shown in Figure 2.

Figure 232 words dot letters for ""

6.4 Font width information

Uygur, Kazak, Kirgiz is unequal width font, each character has its own specific width, the width of the font width Information table to represent, see Appendix B.

7.1 Font data

Uygur, Kazak, Kirgiz 32 dot font data representation, see Appendix C.

Table 7.2 bitmap fonts

32 This section provides a non-lattice library of GB 21669-2008 in 190 Uygur, Kazak, Kirgiz graphic characters

Table 1 in bold type.

Table 1 Uygur, Kazak, Kirgiz Text table

Appendix A

(Informative)

Library Non-blackbody Library is a non-blackbody Uygur, Kazak, Kirgiz belonging calligraphy type font, is a national calligraphy, is a phonetic Type the text, writing paragraph line from right to left, all the characters showed their different widths. "Non-library" (KUFI) was originally a Euphrates Ancient city name, because the people here first to use this font, it was named "non-member library." Modern calligrapher based in the ancient library of non-member After repeated changes on the improvement of the formation of the existing body of non-print library. Non-blackbody is mainly used for library title of the article, editorial, etc., and white body the same style, but the thickness of the stroke, the severity of the text on the different lines.

Appendix B

(Informative)