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

GB/T 22322.1-2025

Replacing GB/T 22322.1-2019

**Information technology - Chinese coded character set - 24 dot
matrix font of Chinese ideogram - Part 1: Song ti**

信息技术 中文编码字符集 汉字24点阵字型 第1部分：宋体

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Table of Contents

Preface	III
Introduction	IV
1 Scope	1
2 Normative references	1
3 Terms and Definitions	1
4 Font and order	1
5 Management of standard data	2
6 Dot matrix font representation method	2
6.1 Grid	2
6.2 Point	2
6.3 Dot Matrix Font	2
7 Dot Font	3
7.1 Word count	3
7.2 Font Data	3
7.3 Chinese characters with reduced strokes	3
7.4 Dot matrix font table	3
Appendix A (Normative) 24-dot font data	398
A.1 Representation of 24-dot font data	398
A.2 Storage format of 24-dot font data	398
A.3 24-dot font data example	398
Appendix B (Normative) Chinese Characters with Reduced Strokes	400
References	403

Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document is Part 1 of GB/T 22322 "Information technology Chinese coded character set Chinese 24-dot font".

GB/T 22322 has published the following parts.

- Part 1: Songti.

This document replaces GB/T 22322.1-2019 "Information Technology Chinese Coded Character Set Chinese Character 24-Dot Matrix Font Part 1: Song Compared with GB/T 22322.1-2019, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

- a) 24-dot Song fonts with 9 compatible code points deleted in the double-byte coding area (see 7.4, 7.4 of the 2019 edition);
- b) Added 214 Kangxi radical 24-dot Song fonts to the four-character code 0x81398B32~0x8139A035 (see 7.4, 2019 version 7.4);
- c) The glyphs of some Chinese characters have been changed (see 7.4, 7.4 of the 2019 edition).

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was proposed and coordinated by the National Information Technology Standardization Technical Committee (SAC/TC28).

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The previous versions of this document and the documents it replaces are as follows.

- First published in 2008 as GB/T 22322.1-2008, first revised in 2019;
- This is the second revision.

Introduction

GB/T 22322 "Information Technology Chinese Coded Character Set Chinese Character 24-Dot Font" is based on GB 18030 Coded Character Set Double Byte The graphic symbols and Chinese graphic characters provided in the four-byte Chinese character part are based on the standard glyphs given in the "General Standard Chinese Character Table" Based on the current standard Chinese character font arrangement principles, a 24-dot Chinese character font for information system was specifically designed.

GB/T 22322 aims to solve the problem of Chinese character information display in Chinese information processing systems and improve the use of Chinese character font products for information technology.

The accuracy and standardization of Chinese characters are to be improved to meet the development of Chinese information processing and the needs of international information

exchange and the standardization of Chinese characters. It consists of two parts.

- Part 1: Song-style font. The purpose is to specify the 24-dot Song-style font for Chinese characters used in information systems.
- Part 2: Bold. The purpose is to specify the 24-dot bold font of Chinese characters for information systems.

Information technology Chinese coded character set Chinese 24-dot font part 1.Songti

1 Scope

This document specifies 88,115 Chinese characters (including radicals/components) and 894 graphic elements at implementation level 3 in GB 18030-2022.

24-dot Songti font for glyph characters.

This document is applicable to the design of Chinese character dot matrix fonts in various electronic information products and digital products, and is also applicable to other related equipment.

2 Normative references

GB 18030-2022

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Glyph

A recognizable abstract graphic symbol that is not tied to any particular design.

3.2 Font

A collection of glyph images with the same basic design. Note. For example, Songti.

3.3 dotmatrixfont

The shape of a graphic character is represented by a collection of points.

3.4 character order

The order in which graphic characters are arranged in a set according to certain rules.

4 Font and order

This document is based on the "General Standard Chinese Character Table" and is

designed according to the principles of current standard Chinese character shape organization.

This document arranges the points in the order of double-byte symbol area, double-byte Chinese character area and four-byte Chinese character area as specified in GB 18030-2022. Formation font.

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