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CCS A24



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

GB/T 18127-2009

Replacing GB/T 18127-2000

**Bar code for commodity - Numbering and symbol marking of
logistics units**

商品条码 物流单元编码与条码表示

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1 Scope

GB/T 18127-2009 is the Chinese national standard on bar code for commodity - numbering and symbol marking of logistics units, in the field of information technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 6 May 2009 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 November 2009. Classification: ICS 35.040, CCS A24. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the encoding logistics unit bar code, said the technical requirements of the logistics unit label and location. Identification and Data This standard applies to open trading environment in the logistics unit of the automatic acquisition.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 1988-1998 Technical information interchange bit coded character set (equivISO / IEC 646.1991)

GB/T 2659 world countries and regions in the name of the code (GB/T 2659-2000, eqv ISO 3166-1.1997)

GB 12904 barcode for commodity retail commodity numbering and bar code (GB 12904-2008, ISO / IEC 15420.2000, NEQ) GB/T 12905 Tiaoma term

GB/T 14257 goods bar code bar code symbol placement guidelines

GB/T 15425 EAN · UCC System 128 yards

GB/T 16986-2009 commodity bar code application identifier (ISO / IEC 15418.1999, NEQ)

GB/T 18348 goods bar code bar code symbol print quality test

3 Terms and Definitions

GB/T 12905 and established in the following terms and definitions apply to this standard.

3.1 In the process of the supply chain for the transportation, warehousing and distribution, the establishment of the packaging unit.

3.2 Logistics unit label indicated by text message.

4.1 Code Structure

4.1.1 Structure logistics unit identification code Logistics unit identification code that identifies the logistic unit is unique identity code, with global uniqueness. Logistics unit identification code takes SSCC (serialshippingcontainercode, the Serial Shipping Container Code) indicated by the extension bit, vendor identification code, serial number, and school Check code consisting of four parts, it is a 18-bit digital code, divided into four structures shown in Table 1. Wherein the extended position by a one digit, the value 0-9; vendor identification code consists of 7 to 10 digits; serial number from nine to six digits; check code is a number.