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ICS 31.200
CCS L 55

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 20296-2012

Replacing GB/T 20296-2006

Mnemonics and symbols for integrated circuits

集成电路记忆法与符号

(English Translation)

Issued on: December 31, 2012 **Implemented on: July 1, 2013**

Issued by: Standardization Administration of China

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1 Foreword

GB/T 20296-2012 was issued by Standardization Administration of China on 31 December 2012 and has been in force since 1 July 2013.

It replaces the earlier edition GB/T 20296-2006.

2 Scope

This standard specifies the use of symbols and memory devices and methods should be consistent with defining symbol is expected to reach two objectives, namely. --- Symbol dialogue box gives the standard name; --- On the gray box symbols, we want to limit the possible variation. White box Symbol. Symbol Symbol elements completely functional behavior described by standardized methods and interpretation of the relevant rules in binary Logic element symbols and application notes, analog component symbols, application notes found. Gray box Symbol. Symbol functional behavior of elements, usually because of their complexity, some non-white box with a symbol used methods, especially Reference symbol by the supporting documents described; relevant rules and interpretations can be found in the application notes and symbols. The standard proposed the concept of the white box and gray box sign symbols to facilitate the application designer. This standard applies to integrated circuits design. Chapter 3, the second column is the letter W, indicates that the associated tag can be used white box and gray box sign symbols. The second column is the word Mother G, mean that the mark may only be used in the gray box symbol or symbols can be used only white box between the blocks (such as "Power Off Off "for additional information). In place of the letter m, m shall be required in each case with the associated value, instead of the identification number, cycle length, or the number of digits in order. Local m1 x m2 appeared, the number of bits m1 application of words, m2 application per word instead, see symbols.

3 Normative references

GB/T 4728

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IEC 60617

IEC 60821

4 About this standard

Issued by: Standardization Administration of China

Adopted international standard: IECTR 61352-2006, IDT

English translation: about 19 pages

Chinese original: about 29,264 characters

Supersedes the earlier edition GB/T 20296-2006.

5 Classification and status

International classification (ICS): 31.200

Chinese Standard Classification (CCS): L 55

Prefix GB/T: recommended standard.

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