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

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**Design requirements of integrated circuit intellectual property
(IP) core**

集成电路知识产权（IP）核设计要求

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Foreword

This document complies with the provisions of GB/T 1:1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting:

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Integrated circuit intellectual property (IP) core design requirements

1 Scope

This document specifies the general requirements and detailed design requirements during the design and development process of integrated circuit intellectual property (IP) cores:

This document applies to the development, transfer and integration process of integrated circuit IP cores:

2 Normative reference documents

GB/T 43452-2023

3 Terms and definitions

The following terms and definitions apply to this document: 3:1 Components that are defined in advance, verified, reusable, and capable of completing certain functions:

Core, solid core and hard core: [Source: GB/T 43452-2023,3:1] 3:2 IP core provider IP core provider The entity that creates and provides IP cores during the IP core transaction process:

Note: IP core providers will provide IP core related information and services: [Source: GB/T 43452-2023,3:2] 3:3 IP core user IP core user The entity that receives the IP core during the IP core transaction process:

Note: IP core users will complete the integration and reuse of IP cores, corresponding to IP core providers: [Source: GB/T 43452-2023,3:3]

4 Abbreviations

The following abbreviations apply to this document: