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

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**Requirements for analog/mixed-signal intellectual property(IP)
core deliverables**

模拟/混合信号知识产权（IP）核交付项要求

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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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This document is under the jurisdiction of the National Semiconductor Device Standardization Technical Committee (SAC/TC78):

This document was drafted by: Harbin Institute of Technology, Hefei University of Technology, China Electronics Technology Standardization Institute:

The main drafters of this document: Xiao Liyi, Wang Yongsheng, Fu Fangfa, Wang Jinxiang, Lai Fengchang, Yin Yongsheng, Du Gaoming, Luo Xiaoyu, and Li Kun: Analog/Mixed Signal Intellectual Property (IP) Core Deliverable Requirements

1 Scope

This document specifies requirements for analog/mixed-signal intellectual property (IP) core deliverables and recommended formats or languages:

This document is applicable to the testing, exchange and integration of analog/mixed-signal IP cores:

2 Normative reference documents

This document has no normative references:

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: 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: 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: 3:4 Mandatory Deliverables that must be submitted: Note: The code is M:

[Source: SJ/T 11477-2014, 2:3, modified] 3:5 Recommended Deliverables proposed to better understand or apply the IP core: Note: The code is R:

[Source: SJ/T 11477-2014, 2:4, with modifications] 3:6 conditional mandatory Deliverables that must be submitted when conditions are met: