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**CERTIFICATION AND ACCREDITATION INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

RB/T 134-2026

**Automotive chip design organizations-Guidelines for evaluation
of basic capability**

汽车芯片设计机构 基础能力评价指南

(English Translation)

*Based on the 2025 public consultation draft. Free update to the final text upon
publication.*

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Foreword

Note on this edition: the English translation is based on the public consultation draft (2025) of this standard, the latest text in circulation. The final text issued by CNCA on 6 August 2026 has not yet been published in full; when it is, the translation is updated free of charge for buyers.

This document was drafted in accordance with the rules given in GB/T 1.1-2020.

This document is one of the five standards of the automotive chip certification review series: RB/T 133 (general evaluation requirements), RB/T 134 (design organizations), RB/T 222 (certification bodies), RB/T 247 (testing organizations) and RB/T 248 (computing chip testing).

This document was proposed by and is under the jurisdiction of the Certification and Accreditation Administration of the People's Republic of China (CNCA). Drafting organization: Certification and Accreditation Technology Research Center of the State Administration for Market Regulation. This document is issued for the first time.

Introduction

With the rapid development of new energy vehicles, automotive chips play an increasingly important role in vehicle performance and safety, and their reliability places very high demands on the capability of design organizations. The capability of domestic automotive chip design organizations is uneven, and many chips they design cannot meet automotive-grade requirements, which has become a bottleneck for the development of the industry.

To guide the orderly development of automotive chip design organizations and to improve the consistency and credibility of automotive chip certification, this document summarizes the common elements of the establishment, operation and management of design organizations and sets general requirements for their build-up and management.

1 Scope

This document specifies technical specifications for evaluating the capability of automotive chip design organizations, covering technical capability, innovation capability, management capability, risk prevention capability and intellectual property protection capability.

This document is applicable to the build-up and management of automotive chip design organizations. It can be used by design organizations as a reference for self-improvement and standardized development, and by regulators as a reference for supervision and evaluation.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition (including any amendments) applies.

GB/T 19001-2016 Quality management systems - Requirements · GB/T 25069-2022 Information security techniques - Terminology · DB21/T 1793.7-2023 Information technology vocational skills - Part 7: Information security · DB4403/T 355-2023 Technical requirements for vehicle cybersecurity of intelligent connected vehicles · GB/T 34942 Information security technology - Evaluation method for security capability of cloud computing services

4.1 Scientific basis

The evaluation indicators shall include the main factors that determine the capability of an automotive chip design organization, so that the result objectively reflects its real capability.

4.2 Rationality

The indicators shall be clearly defined, complete in content and broad in coverage, forming a coherent and well-structured evaluation system.

4.3 Operability

The evaluation content shall be practical, the methods feasible, and the related data easy to collect, obtain and process.

5.1 Evaluation indicators

The first-level indicators and their standard scores are: basic capability (10 points: basic conditions, work foundation); technical capability (40 points: design, reliability, functional safety, cybersecurity and electromagnetic compatibility capability, 8 points each); innovation capability (10 points); management capability (15 points: quality, project and personnel management); risk prevention capability (15 points: supply chain, technical and market risk); intellectual property protection.