ICS 43.040.10
CCS T 35

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 45503-2025

The code of practice for automotive Ethernet ECU test

汽车以太网电子控制单元测试规程

Issued on: April 25, 2025 **Implemented on: November 1, 2025**

Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

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This document was proposed by the Ministry of Industry and Information Technology of the People's Republic of China.

This document is under the jurisdiction of the National Technical Committee on Automotive Standardization (SAC/TC114).

This document was drafted by: China Automotive Technology and Research Center Co., Ltd., Keysight Technologies (China) Co., Ltd., China Automotive Research Center Software Evaluation (Tianjin) Co., Ltd., Huizhou Desay SV Automotive Electronics Co., Ltd., Spirent Communications Technology (Beijing) Co., Ltd., China No.

Automobile Co., Ltd., Dalian Qixian Zhiyuan Technology Research Institute Co., Ltd., Rohde & Schwarz (China) Technology Co., Ltd., (Beijing) Intelligent Connected Vehicle Research Institute Co., Ltd., Dongfeng Motor Corporation, Shenzhen Hangsheng Electronics Co.,

Ltd., Zero-Bright Technology Technology Co., Ltd., CATARC (Tianjin) Automotive Engineering Research Institute Co., Ltd., CATARC Automotive Inspection Center (Changzhou) Co., Ltd., China Automotive Engineering Research Institute Co., Ltd., China Testing & Certification Group Co., Ltd., Shanghai Motor Vehicle Testing & Certification Technology Research Center Co., Ltd.

Co., Ltd., Guangdong Radio and Television Metrology and Testing Group Co., Ltd., and Geely Automobile Research Institute (Ningbo) Co., Ltd.

The main drafters of this document are: Gong Jinfeng, Zhao Chuanmeng, Zhao Qiujun, Zhang Jiamei, Rong Hui, Pan Junjia, Liu Yixin, Zhang Jize, Zhu Lishuang, Jia Zhengquan, Chen Jianguang, Feng Leyang, Yang Guang, You Ruizhen, Zhong Sheng, Zhai Jing, Zhong Cuihua, Mao Honglin, Zhu Libin, Xu Wei, Huang Liang, Li Zongjun, Pang Zefang, Wang Ping.

Automotive Ethernet Electronic Control Unit Test Procedure

1 Scope

This document specifies the physical layer, link layer, network layer, transport layer, and application layer conformance of the automotive Ethernet electronic control unit (ECU).

For ECUs using TCP/IP protocol stack, this document specifies the general TCP/IP parameter configuration test procedures.

This document also provides the test procedure for the initialization time of the automotive Ethernet electronic control unit.

This document applies to ECU testing of Automotive Ethernet interfaces.

2 Normative references

GB/T 40822-2021

ISO 21111

ISO 21111