

ICS 31.200
CCS L56



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

GB/T 44806.3-2026

**Integrated circuits - EMC evaluation of transceivers - Part 3:
CAN transceivers**

集成电路 收发器的电磁兼容 (EMC) 评估 第3部分: 控制器局域网 (CAN) 收发器

(English Translation)

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Foreword

GB/T 44806.3-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 August 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 March 2027.

The document adopts an international standard (ISO or IEC).

It is under the responsibility of the Ministry of Industry and Information Technology (Electronics).

Classification: ICS 31.200; CCS L56.

1 Scope

Controller area network (CAN) transceivers link electronic control units in vehicles and industrial machines, and this document, Part 3 of the series on electromagnetic compatibility (EMC) evaluation of integrated circuit transceivers, addresses that device type. Because the transceiver sits directly on the bus, its emissions and its susceptibility to interference influence the robustness of the whole network.

Semiconductor suppliers, automotive and industrial electronics designers, EMC test laboratories and component qualification engineers are the likely users. A common evaluation framework lets chip makers and their customers compare devices on the same basis. It adopts an international standard.

As a recommended (GB/T) standard it is voluntary and applies when a customer specification, qualification plan or contract refers to it. Companies working with Chinese chip suppliers can use it to understand how CAN transceiver EMC is framed nationally. It was issued on 28 August 2026 and takes effect on 1 March 2027.