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Road vehicles — Controller area network (CAN) conformance test plan —

Part 2: High-speed medium access unit with selective wake-up functionality

Véhicules routiers — Gestionnaire de réseau de communication (CAN) plan d'essai de conformité —

Partie 2: Unité d'accès au médium haute vitesse avec fonctionnalité de réveil sélectif



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 22, *Road vehicles*, Subcommittee SC 3, *Electrical and electronic equipment*.

ISO 16845 consists of the following parts, under the general title *Road vehicles — Controller area network (CAN) - Conformance test plan*:

- *Part 1: Overview*¹⁾
- *Part 2: High-speed medium access unit with selective wake-up functionality*

1) Under preparation.

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Introduction

ISO 16845 was first published in 2004 to provide the methodology and abstract test suite necessary for checking the conformance of any CAN implementation of the CAN specified in ISO 11898-1. The new restructured ISO 11898 contains ISO 11898-6, which defines the physical layer requirements for partial networking.

ISO 16845-2 provides the methodology and abstract test suite necessary for checking the conformance of any CAN implementation specified in ISO 11898-6.