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Identification cards — ICC-managed devices —

Part 4: Test methods for logical characteristics

Cartes d'identification — Dispositifs contrôlés par carte à circuit intégré (ICC) —

Partie 4: Titre manque

Reference number
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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

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 document 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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This document was prepared by ISO/IEC JTC 1, *Information technology*, SC 17, *Cards and personal identification*.

A list of all the parts in the ISO 18328 series can be found on the ISO website.

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Introduction

The ISO/IEC 18328 series of standards establishes a normative basis for an ICC with at least one additional device, such as an ICC-managed device.

This document prescribes requirements for testing the conformance of an ICC with at least one ICC-managed device with requirements of ISO/IEC 18328-3, respectively.

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Identification cards — ICC-managed devices —

Part 4:
Test methods for logical characteristics

1 Scope

This document specifies the test methods used for conformity testing, to determine whether an ICC with at least one ICC-managed device is considered to conform with the specifications of ISO/IEC 18328-3, e.g. device management and device handling.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/IEC 7816-4, *Identification cards — Integrated circuit cards — Part 4: Organization, security and commands for interchange*

ISO/IEC 18328-1, *Identification cards — ICC-managed devices — Part 1: General framework*

ISO/IEC 18328-2, *Identification cards — ICC-managed devices — Part 2: Physical characteristics and test methods for cards with devices*

ISO/IEC 18328-3, *Identification cards — ICC-managed devices — Part 3: Organization, security and commands for interchange*

3 Terms and definitions

For the purpose of this document, the terms and definition given in ISO/IEC 7816-4, ISO/IEC 18328-1, ISO/IEC 18328-2 and ISO/IEC 18328-3 apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— IEC Electropedia: available at http://www.electropedia.org/

— ISO Online browsing platform: available at https://www.iso.org/obp

4 Abbreviated terms

For the purposes of this document, the abbreviated terms given in ISO/IEC 7816-4, ISO/IEC 18328-1, ISO/IEC 18328-2, ISO/IEC 18328-3 and the following apply.

DUT device under test

5 Test design

5.1 General

This clause describes the concept of the test methods for ICC-managed devices.

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