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

GB/T 16649.13-2013

**Identification cards -- Integrated circuit cards -- Part 13:
Commands for application management in a multi-application
environment**

识别卡 集成电路卡 第13部分：在多应用环境中的应用管理命令

(English Translation)

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References

Foreword

GB/T 16649 "Identification cards - Integrated circuit card" or has plans to release the following sections.

--- Part 1. Cards with contacts - Physical characteristics;

--- Part 2. Dimensions and location of the contacts Cards with contacts;

- Part 3. Cards with contacts - Electronic signals and transmission protocol;
- Part 4. for structural, security and command exchange;
- Part 5. National numbering system and registration procedure for application identifiers;
- Part 6. inter-industry data elements;
- Part 7. card for Inter Structured Query Language (SCQL) trade order;
- Part 8. Security related inter-industry commands;
- Part 9. Commands for card management;
- Part 10. Cards with contacts synchronization signals and answer to reset the card;
- Part 11. Personal verification through biometric methods (under development);
- Part 12. Cards with contacts - USB electrical interface and operating procedures;
- Part 13. In a multi-application environment, application management command;
- Part 15. Application of password information.

This section GB/T Part of 1,316,649.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This section uses the translation method identical with ISO/IEC 7816-13:2007

"Identification cards - Integrated circuit cards - Part 13. In a multi-application Environment application management commands. " Please note that some of the content of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of these patents.

This part of the National Information Technology Standardization Technical Committee (SAC/TC28) and focal points.

This section drafted by. China Electronics Standardization Institute, Beijing Hua Dazhi Electronic Systems Ltd., Eastcom Peace Smart Card Co., Ltd., Shenzhen special document production center study, Aerospace Information Co., Ltd. Beijing Aerospace Golden Card Co., Beijing Watchdata Intelligent Technology Co., Ltd.

Introduction

GB/T 16649 is the national standard parameters and switching IC card in the IC card use. IC card is in information exchange (on the exchange of information between the outside world and agreed by the integrated circuit card) identification card. As a result of the exchange of information, the card transfer letter Information (results, data storage), and/or change its content (data storage, the result memory).

--- There are five section provides card with contacts, including three section also provides

the electrical interface.

- GB/T 16649.1 defines the physical characteristics of the card with contacts;
- GB/T 16649.2 defines the size and location of the contacts;
- GB/T 16649.3 provides asynchronous card Electronic signals and transmission protocol;
- GB/T 16649.10 card provides synchronization signals and answer to reset;
- GB/T 16649.12 specifies electrical interface and operating procedures USB card.

--- All other parts are independent of the physical interface technology, they apply through the contacts and/or radio access card.

- GB/T 16649.4 defines the structure, security and commands for interchange;
- GB/T 16649.5 defines the application provider's registration;
- GB/T 16649.6 provides for the exchange of inter-industry data elements;
- GB/T 16649.7 provides for structured card query language commands;
- GB/T 16649.8 provides commands for safe operation;
- GB/T 16649.9 specifies commands for card management;
- GB/T 16649.11 prescribed by biometric authentication method;
- GB/T 16649.13 provides multi-application environment, application management command;
- GB/T 16649.15 specifies cryptographic information application.

Appendix A ~ Appendix D for the implementation of GB/T 16649 This section provides application examples.

Identification cards - Integrated circuit cards - Part 13. Multi Application environment application management commands

1 Scope

This section GB/T 16649 specifies the multi-application environment, application management commands. These commands cover the multi-application IC card the entire application life cycle. These commands can be issued in the card to the cardholder before and after use. This section does not include an internal card and /Card or external implementation.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 16263.1-2006 Information technology - ASN.1 encoding rules Part 1. Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER) specification (ISO/IEC 8825-1:2002, IDT) GB/T 16649.4-2010 Identification cards - Integrated circuit cards - Part 4. Structure for switching, security and command (ISO/IEC 7816-4:2005, IDT) GB/T 16649.9-2010 Identification cards - Integrated circuit cards - Part 9. Commands for card management (ISO/IEC 7816-9.

2004, IDT)

3 Terms and Definitions

The following terms and definitions apply to this document.

Application to meet the specific functions required data structures, data elements and program modules.

[GB/T 16649.4-2010]

Application provider Provide part of the application entity on the card.

[GB/T 16649.4-2010]

Card platform Component is responsible for the basic card function cards.

Card management application cardmanagerapplication Card application management capabilities to provide guidance and resource allocation card card applications.

4 Abbreviations and symbols

AID Application Identifier (applicationidentifier)