ACM1281S-C7
Serial Contactless Reader Module with SAM Slot

Advanced Card Systems Ltd.
Card & Reader Technologies

Outline

1. **Product Information**
   - **Product Overview**
   - **Product Features**
2. **Product Value**
3. **Product Applications**
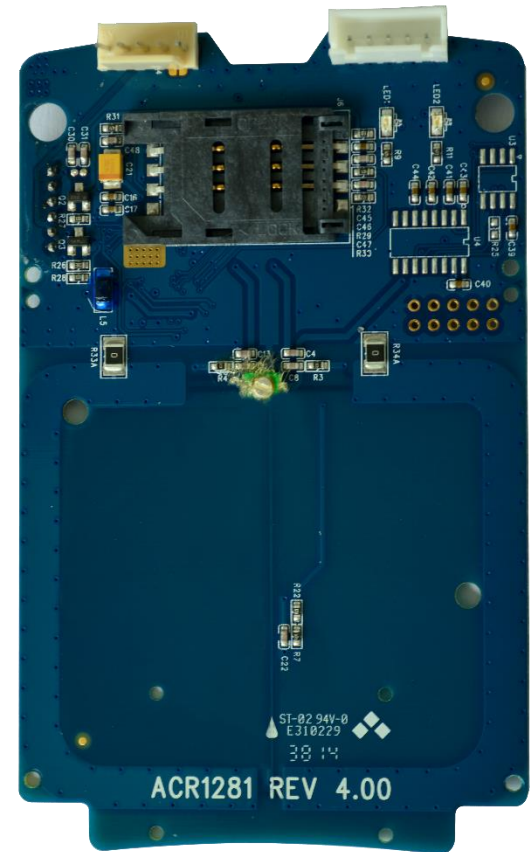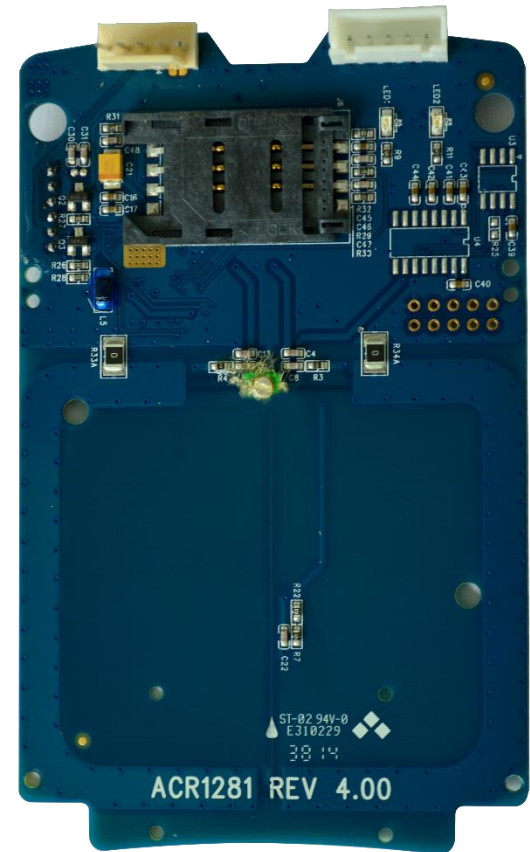4. **Compliance/Certifications**

Product Information

Product Overview

The ACM1281S-C7, designed based on the 13.56 MHz technology, has an integrated (on-board) antenna and comes with an optional serial cable.
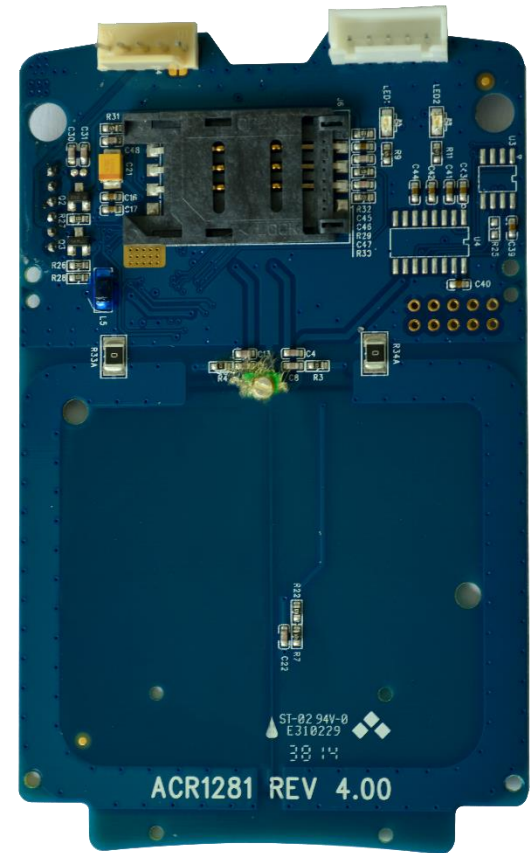
Product Overview

The ACM1281S-C7 has additional features like firmware upgradeability and extended APDU support. It also has an ISO 7816 Compliant built-in SAM (Secure Access Module) slot, which can be used together with a SAM card for enhanced security.
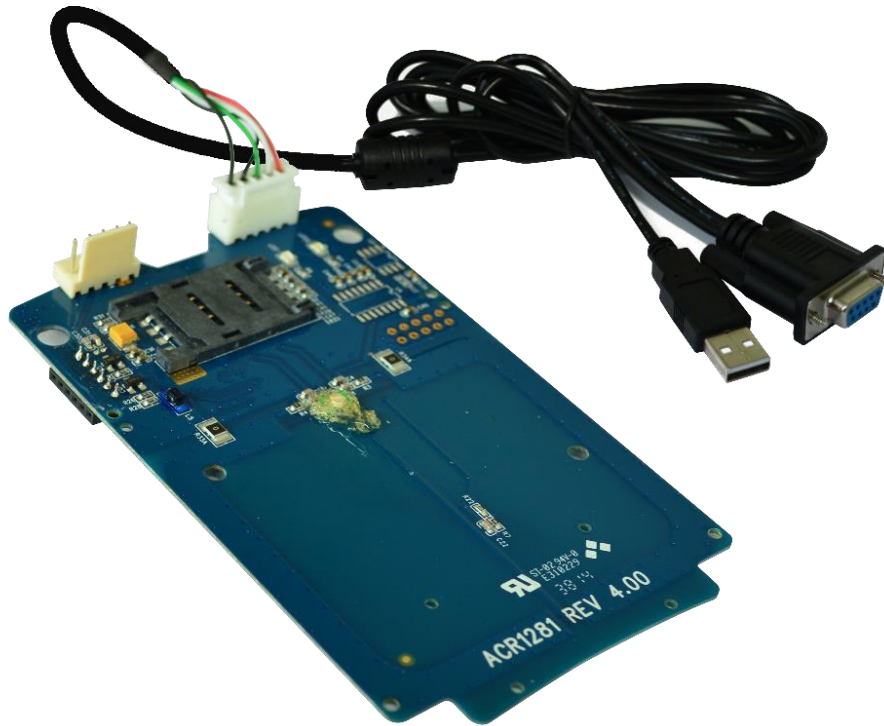
Product Overview

With a maximum of 848 Kbps high-speed communication ability for contactless cards, it is suitable for smart card applications like vending machine payment systems, kiosks, gaming machines and other integrated systems.

Note: The optional serial cable is ordered separately. The serial cable is also detachable.

Product Features

User-controllable Peripherals
2 LEDs
Buzzer

High-Speed Transaction
106 kbps – 848 kbps (Max.)

Certifications/Compliance
ISO 14443, ISO 7816
CE, FCC, PC/SC, RoHS, REACH

Protocols and Standards
ISO 14443 Parts 1-4
ISO 7816 (SAM)
PC/SC

Operating System Support
Windows®
Linux®

Supported Card Types
ISO 14443 Type A and B
MIFARE® Classic, MIFARE Plus®,
MIFARE® DESFire® EV1

Smart Card Interface
PICC (Contactless)
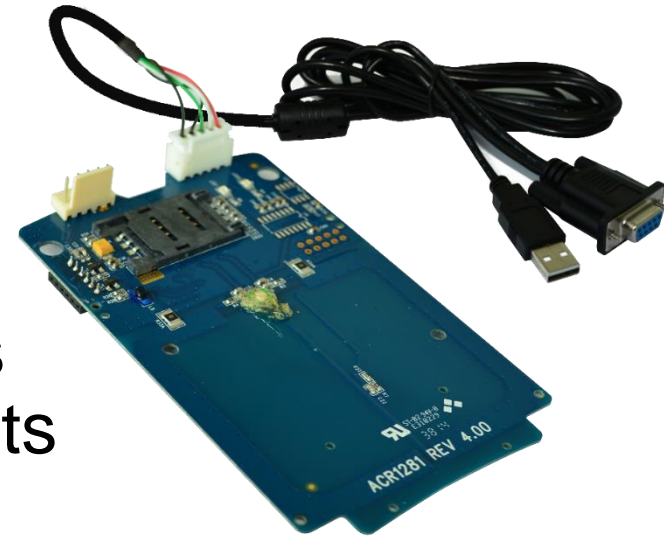SAM (Contact)

Firmware Upgradeable

Product Value

Product Value

- Ease of Technology – The ACM1281S-C7 has an integrated (on-board) antenna and comes with an optional serial cable. It also has additional features like extended APDU support.

- Firmware Upgradeable – In-field firmware upgrade function provides support for any future enhancements

- Ease of Integration – PC/SC Compliant Contactless Interface, PC/SC Compliant SAM Interface

Product Value

- PICC Support – ISO14443 Type A & B, MIFARE, MIFARE Plus, MIFARE DESFire EV1

- High Speed Transaction – Baud rate up to 848 Kbps (contactless)

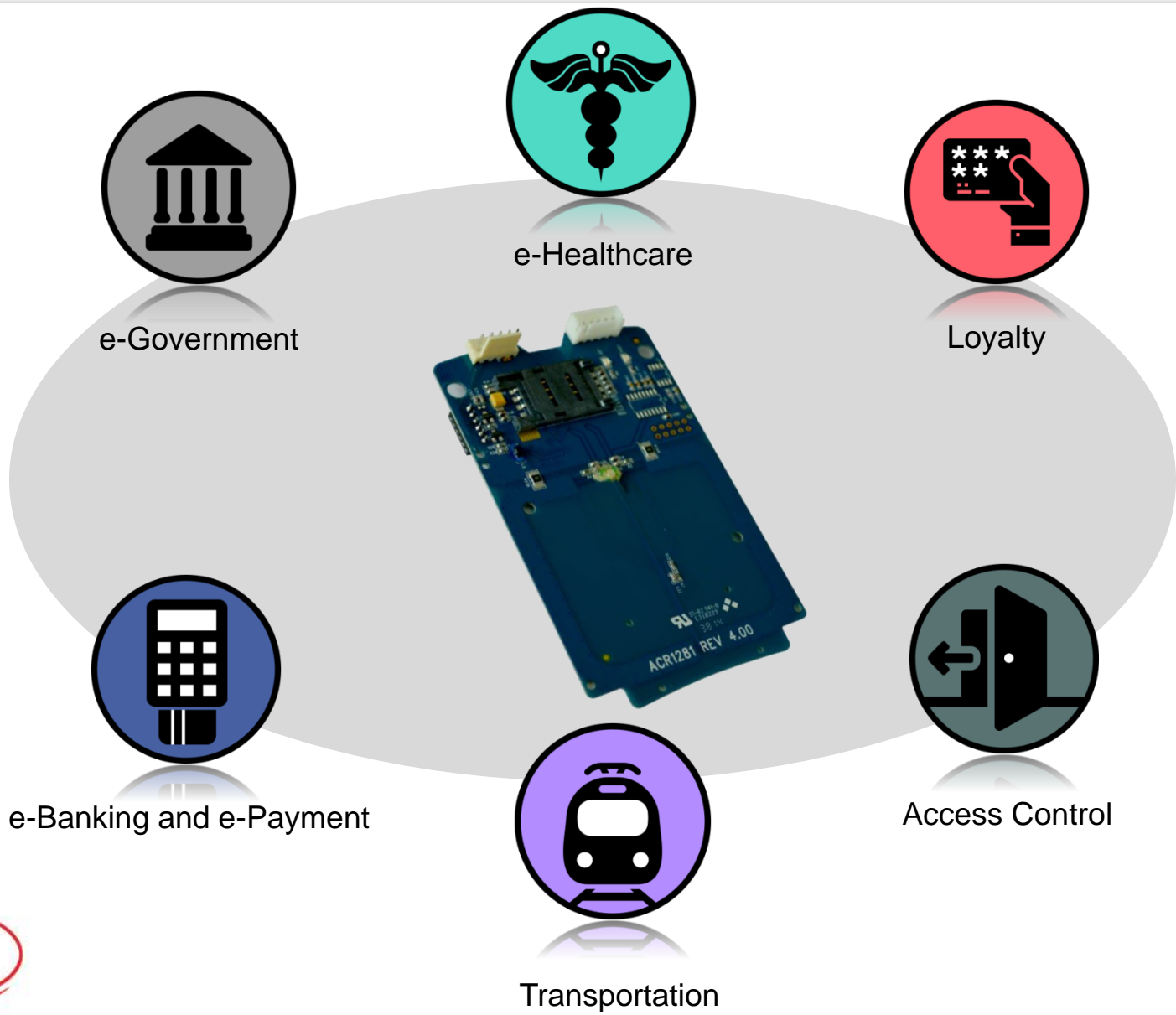- High Security – SAM slot on board (Contact Interface)

Product Application

In what areas can the ACM1281S-C7 be used?

e-Government

e-Healthcare

Loyalty

e-Banking and e-Payment

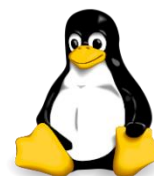Transportation

Access Control

Compliance & Certifications

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Thank You!

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