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## 272, 282 & 283 MIFARE Classic® solution + MIFARE® DESFire® EV1 solution



**Brand:** Smartjac Industries Inc  
**Product Code:** SMAH100147

### Short Description

272, 282 & 283 MIFARE Classic® solution + MIFARE® DESFire® EV1 solution.

### Description

13.56 MHz dual frequency contactless smart card available with MIFARE® smart card technologies.

### Specifications

#### MIFARE Classic® solution

MIFARE Classic® offers fast and convenient transactions and is used worldwide for access control, cashless vending and public transportation applications.

Transaction times are less than 100 milliseconds for a typical secure transaction.

MIFARE Classic® uses a mutual authentication and data encryption with a 32/56 bit serial number.

Application Directory (MAD) allows flexible programming of additional applications to the MIFARE Classic® card.

4K Bytes standard configuration.

SIO compatible.

## **MIFARE® DESFire® EV1 solution**

MIFARE® DESFire® EV1 is based on open global standards for security, and is interoperable with existing MIFARE® DESFire® infrastructures.

Transaction times are less than 100 milliseconds for a typical secure transaction.

Fast and highly secure data transmission (including data integrity check).

MIFARE® DESFire® EV1 is fully compliant with ISO 14443A 1-4, and is accredited to Common Criteria (CC) EAL 4+ for card security.

Support ISO/IEC 7816-4 commands for better interoperability.

8K Bytes of dynamic memory is arranged in easy-to-define application folders and data files.

Use 56 bit serial number (UID: Unique Identifier).

SIO compatible.

All those cards are delivered as an ISO/IEC 7810 ID-1 card format.

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