



## Smart Cards (RRHFMSM01):

- RRHFMSM01 are standard 1K Mifare technology based smart cards working on 13.56 MHz.
- RRHFMSM01 is used as a contact less smartcard for various applications such as Identity cards, employee cards, access control, canteen cards etc
- RRHFMSM01 can be password protected and tracked in case of misuse for the lost cards.
- RapidRadio with its local support should be able to replace lost or damaged cards within few working days and supply new cards on regular basis.
- Customized printing on blank cards can be done



## Key applications:

- Identity cards
- Access control
- Event ticketing
- Gaming
- Public transportation



## Key features:

- 1 k byte EEPROM (768 Byte free available)
- Unique serial number (4 Byte)
- 16 securely separated sectors supporting multi-application
- Each sector consists 4 blocks with a length of 16 Byte
- 2 x 48 bit keys per sector for key hierarchy
- Access conditions free configurable based on 2 level key hierarchy
- Number of single write operations: 100.000
- Data retention: 10 years

## Key Benefits:

- Fast, secure and convenient transactions
- De-facto standard for contact-less cards
- Reliable and proven technology in volume production
- MIFARE® certification ensures compatibility of certified products from different vendors
- Maintenance-free readers - no moving parts
- Suitable for harsh environments - sealed reader units are unaffected by humidity, sand, dust and vandalism
- Available from multiple independent vendors