



PRODUCT DATASHEET

Prime MIM1024

LEGIC

PAV Card

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Chip manufacturer: LEGIC®
Product: Prime MIM1024

Memory:

EEPROM size: 1024 bytes
Write endurance: 100,000 cycles
Data retention: 10 years
Organisation: dynamic

RF-Interface:

According: LEGIC
Frequency: 13.56 MHz
Baudrate: < 100 ms (for 32 bytes)
Anticollision:
Operating Distance: up to 10 cm

Please note: Max. reading range depends on used RF standard, the requirements of national spectrum management authorities, reader application, antenna, transponder and

Security:

- 4 bytes unique number (MCD + MSN)
- The communication with the security module follows the LEGIC Rules. The LEGIC Rules cover:
 - Initialization
 - Authentication
 - Authorization
 - Data encryption
 - Data organization
 - Write/read protection

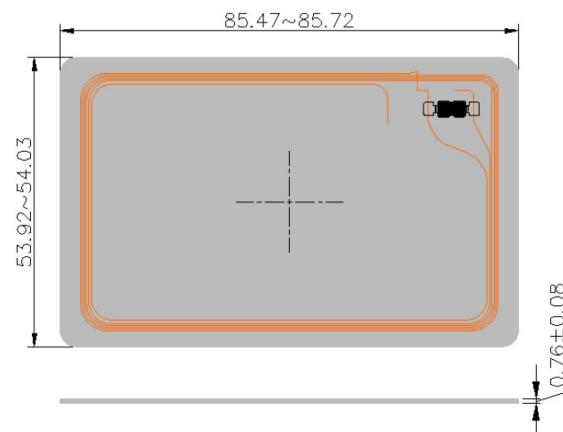
Special Features:

- Data memory
- Passive data memory (EEPROM)
- 1002 bytes user memory area for segments
- Max. number of segments: 127
- Dynamic segmentation
- Variable size of application segments

subject to change without notice, errors excepted

Contactless cards in standard ISO format.

Produced according ISO 7810 / ISO 7816 - with advanced antenna and assembly technologies.



This picture shows a MCC2 module and its copper wire antenna. The contacting is realized by thermo compression-welding.

PVC is the standard material for contactless cards. Generally we can produce cards with other materials like PET, PEC, PC or composite. These alternative materials are on request.

We provide PVC cards with glossy or matt surface. The glossy surface allows the customer to personalise the cards by printing.

Additionally a microcontroller (contact chip) and/or magnetic strip (HiCo, LoCo) can be used for multiusage cards.

Additional Services:

Security:

- hologram
- signature panel
- magnetic stripe (incl. encoding)
- barcode
- UV printing

Chip encoding:

- encoding of contactless chip

Personalisation:

- thermo transfer / dye sublimation
- laser lettering
- embossing
- digital printing

Printing technologies:

- (UV-)offset printing
- silk-screen printing
- digital printing

Thermo rewrite function:

- thermo rewrite foil (optional one side covered or as stripe)