



PRODUCT DATASHEET

Advant ATC1024-MV110

ISO 15693

PAV Card

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Chip manufacturer: LEGIC®
Product: Advant ATC1024-MV110

Memory:

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

RF-Interface:

According: ISO 15693
Frequency: 13.56 MHz
Baudrate: up to 26.5 kbit/s
Anticollision: yes
Operating Distance: up to 70 cm

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

Security:

Unique Serial Number: 8 bytes
SafelD: yes
Key management: MTSC
(per application)
Data transfer encryption: DES, 3DES, LEGIC encryption
(per application)
Data storage encryption: DES, 3DES, LEGIC encryption
(per application)
Cryptographic authentication: 64 bit
(per application)

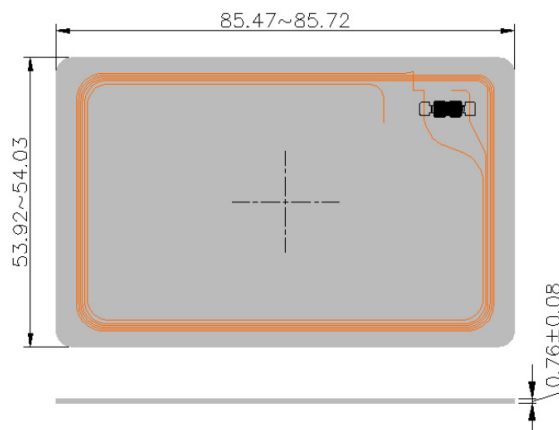
Special Features:

Max. number of applications: 59
Memory segmentation: dynamic
Application segment size: 16 - 944 bytes

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)