



# PRODUCT DATASHEET

## Advant ATC256-MV210

ISO 15693

**PAV Card**

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**Chip manufacturer:** LEGIC®  
**Product:** Advant ATC256-MV210

### Memory:

**EEPROM size:** 256 bytes  
**Write endurance:** 100,000 cycles  
**Data retention:** 10 years  
**Organisation:** dynamic

### RF-Interface:

**Accordinging:** 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: 96 bit  
(per application)

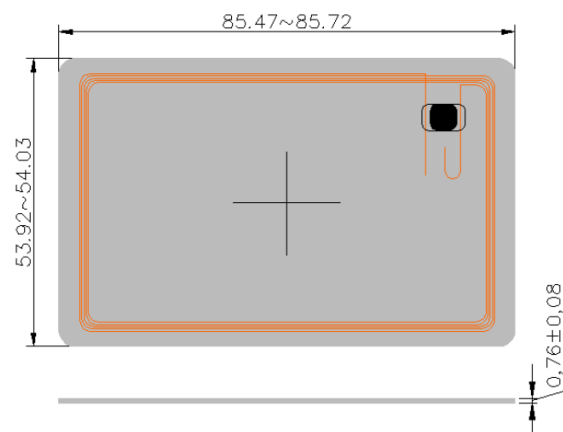
### Special Features:

Max. number of applications: 16  
Memory segmentation: dynamic  
Application segment size: 16 - 256 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 MCC8 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)