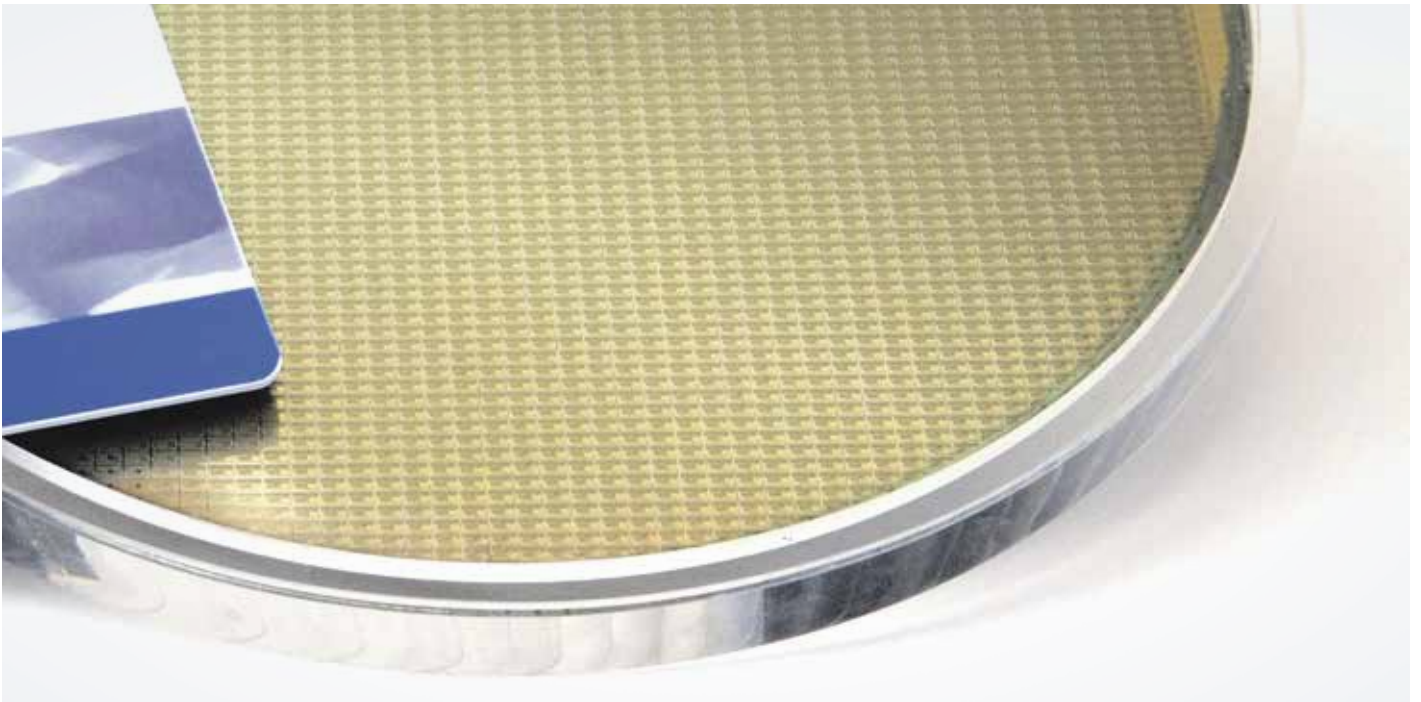


Identification in a new dimension

Modern with high cost efficiency



The new ATC1024-MV010 is an advanced solution for contactless identification offering key features for today's application. The combination of a wide operation range, high transaction speed and powerful multilayer security architecture makes the ATC1024-MV010 the preferred solution for reliable, comfortable and competitive RFID solutions.

RFID solutions requiring high comfort, wide detection range and flexible use of credentials profit from the versatile possibilities.

Key Facts

- based on ISO 15693
- identification of persons or objects in a range of up to 70 cm
- top modern and highest cost efficiency
- fast and reliable processing
- unique Master-Token System-Control™ supported

[HIGH PERFORMANCE IDENTIFICATION]

Configurable and Secure Data Management

The ATC1024-MV010 is the result of more than 20 years of expertise in secure data management. The unique LEGIC mechanisms ensure the privacy and integrity of stored data. An automatic security layer, based on preprogrammed confidential key material, 3DES authentication and encryption and MAC, is the fundament for basic protection of today and tomorrow. Additional security layers managing access rights and offering additional data encryption meet even advanced security requirements.

A powerful but simple to use control mechanism – the patented Master-Token System-Control™ (MTSC) – enables the configuration of the Data Management. The MTSC further allows secure co-existence of different data structures from different providers making the ATC1024-MV010 a powerful platform for today's and tomorrow's use cases.



Requirements

	ATC1024-MV010
RF standard	ISO 15693
Memory size (Byte)	912
UID (Byte) ***	8
Safe ID	yes
Range **	up to 70 cm
Key management (per application)	Master-Token System-Control™
Data transfer and storage encryption	3DES, LEGIC encryption
Cryptographic authentication (per application) ***	64 Bit
Max. number of applications *	59
Memory segmentation	dynamic
Application segment size	variable
Data retention (min.)	up to 10 years
EEPROM cycles (min.)	100000
Baud rate (kbit/s)	up to 26.48
Delivery form	Wafer
Certified hardware platforms	–
Smart card requirements	–

* Memory size indications are nominal values. The effective max. number of applications is depending on the memory requirements of applied applications.

** Max. reading range depends on used RF standard, the requirements of national spectrum management authorities, reader application, antenna, transponder surroundings.

*** Depends on RF standard



THE ID NETWORK

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