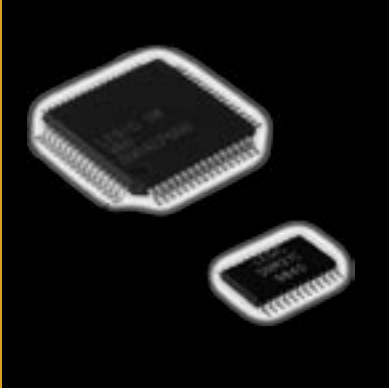


LEGIC®

innovation in ID technology



LEGIC smart™ Chip Set

LEGIC smart is the latest 13.56 MHz product from the contactless access control and multiapplications specialist LEGIC Identsystems Ltd.

LEGIC smart has been specifically developed to meet the requirements of contactless access control products, such as door locks but is also suitable for use in time & attendance terminals.

The product is available in the form of a chip set, consisting of the LEGIC smart micro controller and the LEGIC smart ASIC and comes fully documented. Due to its small size, low power consumption and supported interface output formats, LEGIC smart is highly suitable for the replacement of low-frequency RFID systems (120-130 kHz) and magnetic stripe or for the integration into miniature, battery-powered RFID readers.

LEGIC smart™ Chip Set

High security

As a market leader in access control and multiapplications, LEGIC has transferred its large know how and clever system architecture into LEGIC smart. The result is a costefficient product that is high on security.

Easy and fast integration into readers

The LEGIC smart chip set's minute size allows for the development of highly compact RFID readers. Existing reader technologies, such as magnetic stripe or other contact-based readers can easily be upgraded to LEGIC smart because of its compatible interfaces, such as Wiegand.

Features

- 13.56 MHz RFID system
- contactless read/write capability
- compact size
- 4 outputs for LED, buzzer or relay connection
- 20 smart user bytes
- 256 byte or 1 kbyte smart card to allow future expansion
- secure data transmission through encrypted RF communication
- low power consumption
- communication range up to 10 cm
- access keys for read and write
- key setting with LEGIC service card
- supports migration to LEGIC multiapplications

- use of a wide range of LEGIC media, such as cards, key fobs, watches, etc.

Interfaces

- Wiegand
- Omron mode
- bi-directional serial-asynchronous duplex (RS232)
- serial synchronous

Target applications

LEGIC smart has been specifically developed for applications in the area of access control and time & attendance.

Getting started

Starter Kit: A LEGIC smart Starter Kit with all the necessary tools to get you started is available. Both, engineering samples as well as detailed technical documentation are included to get you off the ground in no time. The Starter Kit may be adapted to meet CE and FCC norms.

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Sales Kit: A sales kit is available, which contains a fully functional, battery-powered LEGIC smart reader, incorporating the LEGIC smart chip set, battery and demonstration cards. Please contact our sales department for more information.

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