



ICODE® SLIX-S

SL2S5302_SL2S5402

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The ICODE SLIX-S IC is a dedicated chip for smart label applications with the need for a higher security level, larger memory and/or a product, which takes care of the increasing demand for perfect customer privacy. This IC is the third generation of a product family of smart label ICs based on the ISO standards ISO/IEC 15693 and ISO/IEC 18000-3, prolonging a successful story of NXP in the field of vicinity identification systems.

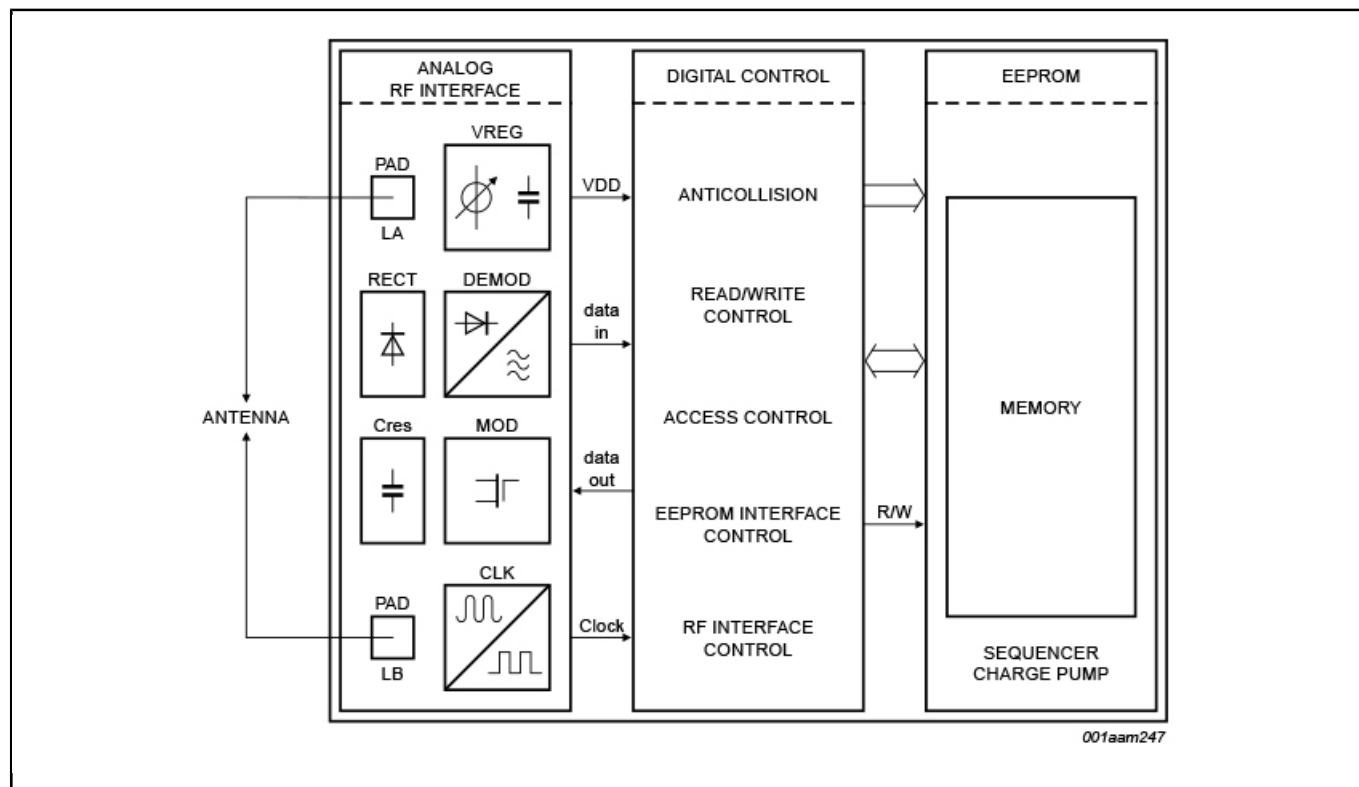
Contactless energy and data transfer

Whenever connected to a very simple and easy-to-produce type of antenna, the ICODE SLIX-S IC can be operated without line of sight up to a distance of 1.5 m (gate width), no battery needed. When the smart label is positioned in the field of an interrogator antenna, the high-speed RF communication interface enables data to be transmitted up to 53 kbit/s.

Anti-collision

An intelligent anti-collision function enables several tags to operate in the field simultaneously. The anti-collision algorithm selects each tag individually and ensures that the execution of a transaction with a selected tag is performed correctly without data corruption resulting from other tags in the field.

SL2S5302_SL2S5402 block diagram Block Diagram



View additional information for [ICODE® SLIX-S](#).

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