

## **BCRINW322**

### **BayLan RFID Mifare ICode2 NXP Card**

ICODE SLI family ICODE SLI is the industry-leading product for ISO15693 / ISO18000-3 compliant applications. It offers benchmark RF performance, highest quality and an optimized features set for a large variety of applications. With the ICODE SLI-S, the ICODE family has been extended with increased user memory and password protection for memory access and EAS. Plus, ICODE, SLI-S provides additional privacy and kill functionality. Its excellent RF characteristics enable robust and reliable performance in industrial environments. The ICODE SLI-L is a cost-optimized IC for applications requiring ISO15693 / ISO18000-3 compliance and smaller memory size. Despite its lower memory, the SLI-L ensures the same robust performance as the SLI-S.



The ICODE SLI IC is a dedicated chip for intelligent label applications like supply chain management as well as baggage and parcel identification in airline business and mail services. This IC is the first member of a product family of smart label ICs based on the ISO standard ISO/IEC 15693.

#### **FEATURES:**

##### **ICODE SLI RF Interface (ISO / IEC 15693)**

- Contactless transmission of data and supply energy (No Battery needed)
- Operating Distance Upto 1.5 m (Depending on Antenna Geometry)
- Operating Frequency 13.56MHz (ISM, Worldwide license freely available)
- Fast Data Transfer upto 53 Kbit/s
- High Data Integrity 16 Bit CRC, framing
- True Anti-collision
- Data Storage Format Identifier (DSFID)
- Additional Fast Anti-collision read
- Write distance equal to read distance

##### **EEPROM**

- 1024-bit organized in 32 blocks of 4 bytes each
- Data Retention of 10 years
- Write endurance 100,000 cycles

##### **SECURITY**

- Unique identifier for each device
- Lock mechanism for each user memory block (Write protection)
- Lock mechanism for DSFID, AFI, EAS
- Password (32-bit) protected Electronic Article Surveillance (EAS) and Application Family Identifier (AFI) functionality

Specifications are subject to change without prior notice with advancement in technology.



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## APPLICATIONS

- Libraries
- Item level tagging in pharmaceutical supply chains
- Counter protection for consumer goods
- Industrial Applications
- Asset and Document Tracking

## Packing :

- Pack 1 by 1 / 200pcs Box / 2000pcs Carton



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