SLE 5542

Overview

SUNZone is powering provider of security solutions in Taiwan , Our products provide specialized core security technology, software and complete hardware solutions . SUNZone focuses on providing security solutions that assure identity and protect the physical & virtual over public and private environment. SUNZone cryptographic component, RFID module, smart cards & reader, client software development, Access control applications and security integrated solution enable conveniently access to reliably identify users and open doors in Digital Worlds.

Our Smartcard solution offers the consumer value, choices, higher qual ity and access to more services such as PKI solution , pay-for-view, and games, home shopping, home banking and high-speed Internet access. Set top boxes, and eventually integrated digital TVs must provide the viewer with controlled access while adhering to open standards, so that multiple services from multiple vendors can be received.

100% functional compatibility to SLE 4442

256 x 8 bit EEPROM organization of Data memory

32 x 1 bit protection memory

Two-wire link protocol

Sophisticated electrical characteristics

Advanced 1.2 um CMOS-technology optimized for security layout

Company logo customizing options

SUZICS

Features

- 100% functional compatibility to SLE 4442
- 256 x 8 bit EEPROM organization of Data memory
- 32 x 1 bit Protection memory
  - Byte-wise write protection of first 32 addresses(byte0…31) of data memory
  - Manufacturer code for unique identification of application
- Data Memory (addresses 0.255) alterable only afte verification of 3-byte Programmable Security Code (PCS)
- Two-wire link protocol
  - Byte-wise addressing
  - End of processing indicated at data output
- Contact configuration and Answer-to-Reset(synchronous transmission) in accordance to standard ISO/IEC 7816
- Sophisticated electrical characteristics
- Advanced 1.2 um CMOS-technologoptimized for security layout

Application

- E-Purse Application
- E-Payment
- Customer Loyalty
- Physical Access Control
- Corporate Identity
- Healthcare Management
- Microsoft Windows Logon

Type	Ordering Code	Package
SLE 5542 C	On request	Die (on Wafer)
SLE 5542 D	On request	Die (on Wafer)
SLE 5542 M3	On request	T-M3.2-6
SLE 5542 MFC3	On request	S-MFC3.1-6-1

SECURE SMART SIMPLE