eSSL®
Security at Fingertips



CPU Card

Technical Specifications

- Contactless Transmission of data and supply energy (no battery needed)
- Operating distance :Up to 100mm(depending on antenna geometry)
- Operation frequency :13.56 MHz
- High data integrity :106 Kbits/s
- True anti-collision
- Used for :Query card

Technical Specifications

- Data encryption on RF-channel with replay attack protection
- Individual key set per sector (per application) to support multi-application with key hierarchy
- Unique serial number for each device

Data integrity

- 16 bits CRC per block
- Parity bits for each byte
- Bit count checking
- Bit coding to distinguish between “1”,”0”,and no information
- Channel monitoring (Protocol sequence and bit stream analysis)

Disclaimer : Brief specifications are mentioned here. Specifications may change without prior notice. Customers are advised to check with us before purchase. Actual product may differ slightly to that depicted for ongoing product development.

www.esslsecurity.com

ISO FC CE ROHS