

ProxiCARD

ISO14443 Contactless
Smart Card Emulator



- Test and Validation of PCD Applications
- Easy Programming in C/C++
- Automatic Handling of Low-Level Data
- Compact and User-friendly Hardware

ProxiCARD is a contactless smart card emulator that allows easy application tests thanks to a simple set of software functions. It handles all the low-level protocol data in real time, so that users just have to focus on the applicative level.

Develop Your Applications

Applications can be developed in C / C++, using a simple set of functions that allows data transfer through the RF interface. epassport and PayPass examples are provided.



```

7 //Get RF Frame from Reader
8 ProxiCARD->WaitAndGetFrame(Timeout, RxBuf, RxMaxSize, &RxBufSize);
9 //Answer the reader
10 ProxiCARD->SendFrame(TxBuf, TxBufSize);
    
```

Automatic Protocol Handling

User friendly, **ProxiCARD** handles automatically low-level protocol data, such as card activation, chaining of data blocks or PICC block number.

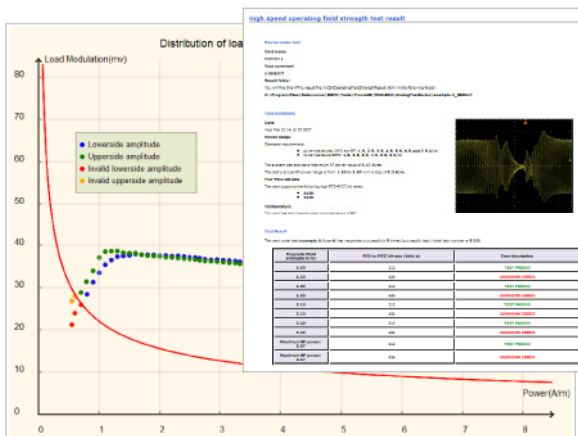
Users just have to deal with high level information in their applications.

All these automatism may be configured by users in their applications.



Technical Characteristics

- ISO14443 Type B
- 106 kbps
- Triggering options
- ISO10373-6 and PayPass Compliant



Part number:

- **SC-PROXICARD**: ISO 14443 PICC Applicative Emulator

RAISONANCE

Innovative Development Tools

17, avenue Jean Kuntzmann
38330 MONTBONNOT FRANCE

Tel: (+33) 4 76 61 02 30 Fax: (+33) 4 76 41 81 68

email: info@raisonance.com

www: <http://www.raisonance.com>