

## ACR122S NFC Contactless Smart Card Reader Software Development Kit



### ACR122S SDK Contents:

#### ACR122S NFC Contactless Smart Card Reader

- Serial RS232 Interface
- USB interface for power supply
- CCID-like frame format (Binary format)
- Read/write speed up to 424 kbps
- Built-in antenna with reading distance of up to 50 mm
- Supports ISO 14443 Part 4 Type A and B, Mifare, FeliCa and all 4 types of NFC (ISO/IEC 18092) tags
- Supports new Mifare Ultralight C and Mifare Plus SL1 (4 Byte UID) and SL3
- Supports all 3 modes of NFC: reader, card emulation and peer-to-peer modes
- Built-in anti-collision feature
- Selective card polling capability
- Built-in SAM socket supports ISO7816 T=0 cards
- User-controllable bi-color LED
- User-controllable buzzer

#### Test Cards

- 5 Mifare 1K Cards
- 3 Topaz Tags
- 1 ACOS6-SAM Card

#### CD-ROM

- **Tools and Utilities**
  - ACR122S Tool – lets the user perform reader and card-related commands
  - ACS Easy Key – allows you to change Mifare security settings
  - QuickView – checks whether you have properly installed the reader
- **Sample codes**
  - Show the different capabilities of ACR122S, including how to control device peripherals and how to

communicate with a contactless tag and SAM.

- Borland Delphi 7, MS Visual Basic 6.0, MS Visual Basic .NET 2005, MS Visual C# 2005, MS Visual C++ 6.0, MS Visual C++ 2005 (x64) and Java
- **User Manuals and Reference Materials**