

SDiD-DK-1010 Development Kit

Product Data Sheet

The SDiD™ 1010 Development Kit is the essential tool to quickly and easily launch your mobile Near Field Communication (NFC), Radio Frequency Identification (RFID) or contactless applications to market. The SDiD™ 1010 Development Kit is a complete solution which includes an SDiD™ 1010 SD Card, two RFID tags, and a Software Development Kit (SDK) with binaries, header files, drivers, demo applications and sample applications with full source code. The SDK delivers a powerful, yet straightforward Application Programming Interface (API) which greatly reduces the learning curve and simplifies the overall development process. With the SDiD™ 1010 development kit, developers can quickly familiarize themselves with NFC and RFID technologies so they can rapidly design, develop and exhibit cutting-edge contactless solutions.



Contents

SDiD™ 1010

- NFCIP-1, ISO 18092 and 14443A compliant
- Supports NXP MIFARE®
- Supports NXP MIFARE DESFire®
- Integrated SAM (Secure Access Module) with SmartCard compliant JCOP OS and NXP MIFARE® tag emulation

2 NXP MIFARE® Contactless Tags

- ISO 14443A compliant

Software Development Kit

- Application Programming Interface (API)
- HTML documentation
- WinCE and Palm OS® libraries and header files
- Device driver for WinCE and Palm OS®
- C++, C# and VB demo applications with full source, user manuals and setups for WinCE
- C++ demo application with full source, user manual and setup for Palm OS®

Developer Support

- Full access to the SDiD™ 1010 Forum
- Limited e-mail and phone support

Features

Windows CE SDK Requirements

- Windows 2000 (SP4) or Windows XP (SP2) or Windows Vista (SP1)
- Microsoft Internet Explorer 5.0 or higher
- Microsoft ActiveSync 4.0 or higher
- Microsoft Pocket PC 2002/2003 with SDIONow! or Windows Mobile 2003 with SDIONow! or Windows Mobile 5.0 or Windows Mobile 6.0
- Microsoft® Visual Studio 2005
- Microsoft® eMbedded Visual C++ 4.0

Palm OS® SDK Requirements

- Windows 2000 (SP4) or Windows XP (SP2) or Windows Vista (SP1)
- Microsoft Internet Explorer 5.0 or higher
- Palm Desktop 4.1 or higher
- Palm OS® 4.1 or higher
- Palm OS® Developer Suite 1.1 or higher
- Metrowerks CodeWarrior 5.2 or higher

Software Compatibility

- C++
- C#
- Visual Basic .NET