

NFC

Reader/Writer module

DE-ABCM6



Application

Identification System
NFC membership/Payment System

Features

Embedded antenna
ISO 14443 A/B, Mifare, DesFire, ISO 18092(NFC)
USB 2.0 and Serial(RS-232) /TTL UART
PC/SC, Proprietary Mode
SDK, FDK available for Development
Special SDK for NFC developer

Specifications

CPU	ARM 32-bit Cortex-M3(48MHz)
Program/ Data Memory	128KBytes Flash / 20KBytes SRAM
Data Interface	USB 2.0 , Serial (RS-232) /TTL UART(115200bps)
Contactless Communication	ISO-14443 A/B, Mifare™, ISO 18092(NFC), DESFire, FeliCa®
Frequency	13.56 Mhz ± 7Khz
Baud rate	106/212/424/848kbps Up to 424kbps for NFC P2P communication
Reading Distance	2~5cm
Protocol	PC/SC, Proprietary
Indicator	2 LEDs
Antenna	Direct matching (embedded)
Input Power	DC5V , Max 100mA (USB POWER)
Dimension	43.5 X 32 X 5 (mm)
Supportive O/S	Windows 2000, Window Vista, Windows 7/ Linux (CCID driver)
Operating Temperature	-10 ~ 60 °C

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