

CR5012 TYPE A RFID Reader



Specification

- 32-bit reduced instruction set computer (RISC) architecture
- On-chip, 16K Bytes of static random-access memory (SRAM):
Single cycle byte, half-word (16-bit), and word (32-bit) reads and writes
- On-chip, 16K Bytes of static read only memory (ROM):
Single cycle byte, half-word (16-bit), and word (32-bit) read access.
- On-chip 256K Bytes embedded flash (EFLASH)
- USB Controller:
 - USB 2.0 Compliant with on-chip integrated PHY module
 - Certified for High Speed (480MHz) USB and Full Speed (12MHz) USB
 - UTMI+ Level 2 transceiver interface
 - Supports eight transmit/receive endpoints(ep0,ep1,ep2,ep3,ep4,ep5,ep6,ep7)

•Aes, RSA, Des Jet Fast to visit ULtralgith C, Mifare plus cards
PC/SC MODE support TYPE A ISO14443-4

•NXP RC522 Reader IC, support TYPE A

•NXP RC523 Reader IC, support TYPE A ,TYPE B CR5012B Plus

2. Technical

- Power supply: 5V, 60-100mA
- Interface: UART ,USB HID ,USB virtual RS232 , USB CCID, USB emulation Keyboard Options;
- Transmission speed: Default 19200 bps
- R/W distance of up to 60mm ~ 100mm ,depending on TAG and Antenna Size.
- Storage temperature: -40 °C ~ +85 °C
- Operating temperature: -25 °C ~ +70 °C
- CR5012 Plus TYPE A support mifare 1k ,4k,ultralight ,ultralight C,Ntag serial, SLE66R01P, mfiare plus ,Desfire Pipe mod , C=TL 14443-4

TYPE B C=TL 14443-4

TWO SAM SLOT Support T=0 T=1 3v 5V Smart card
(CR5012B Plus)

- Support Card :
CR5012A Plus : ISO14443A, Mifare 1k ,4k ,ultralight ,Ultralight EV1, Ultralight C
SLE66R01P ,Ntag203,Ntag213,Ntag215,Ntag216, C=TL