

### DE-ABCM6



### Application

NFC Tag management  
NFC Payment/ Non payment  
NFC Kiosk  
Access Control System

### Features

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

### Specifications

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| <b>CPU</b>                       | ARM 32-bit Cortex-M3(48MHz)                                    |
| <b>Program/ Data Memory</b>      | 128KBytes Flash / 20KBytes SRAM                                |
| <b>Data Interface</b>            | USB 2.0 , Serial (RS-232) /TTL UART(115200bps)                 |
| <b>Contactless Communication</b> | ISO-14443 A/B, Mifare™, ISO 18092(NFC), DESFire, FeliCa®       |
| <b>Frequency</b>                 | 13.56 Mhz ± 7Khz                                               |
| <b>Baud rate</b>                 | 106/212/424/848kbps<br>Up to 424kbps for NFC P2P communication |
| <b>Reading Distance</b>          | 2~5cm                                                          |
| <b>Protocol</b>                  | PC/SC, Proprietary                                             |
| <b>Indicator</b>                 | 2 LEDs                                                         |
| <b>Antenna</b>                   | Direct matching (embedded)                                     |
| <b>Input Power</b>               | DC5V , Max 100mA (USB POWER)                                   |
| <b>Dimension</b>                 | 43.5 X 32 X 5 (mm)                                             |
| <b>Supportive O/S</b>            | Windows 7, Window 8, Windows 10/ Linux (CCID driver)           |
| <b>Operating Temperature</b>     | -10 ~ 60 °C                                                    |