DE-ABCM2

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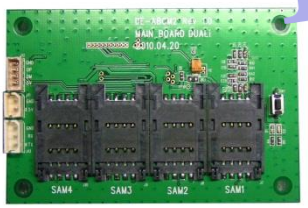
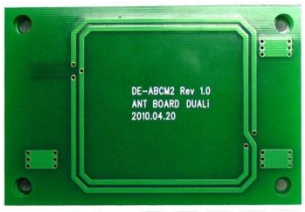
Contactless Smart Card Reader/Writer Module

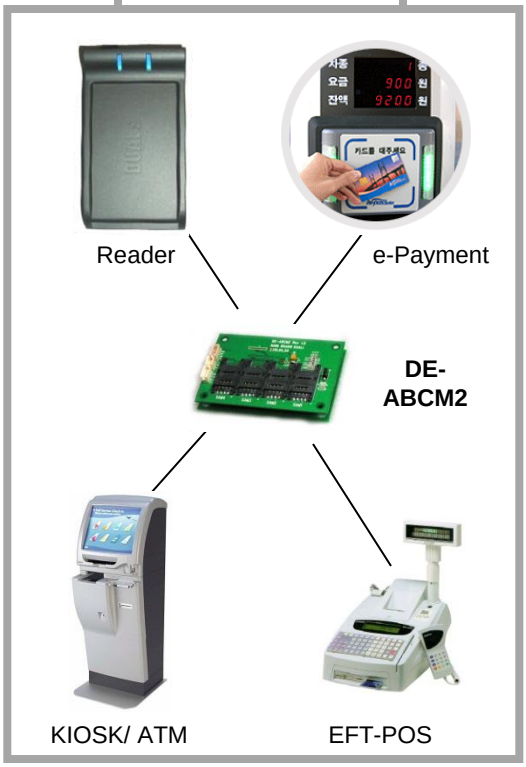




Specifications

CPU	ARM 32-bit Cortex-M3(48MHz)
Program Memory	64KBytes Flash
Data Memory	20KBytes SRAM
Host Communication	USB 2.0, RS-232
Card Communication	ISO14443 A/B, Mifare™, FeliCa® ISO 18092(NFC)
Card Speed	106/212/424/848kbps
Reading Distance	Up to 4cm
SAM Interface	4 SIM Socket
Input Power	DC5V / USB power, 200mA
Dimension	61 * 91 * 15 (mm)
Operating Temperature	-20 ~ 60 °C

Configuration



Features

- Full Support of ISO14443 Part 1~Part 4
- Supports Higher Speed of ISO14443 up to 848kbps
- Supports PC/SC Version , Proprietary Version
- Firmware Downloadable Function
- Multi interface PC/SC drivers for contactless and contact
- Use Philips chip for MIFARE and FeliCa Protocol
- **Default 4 SAM Smart Card Interface**
- Built in Antenna
- SDK and FDK Available with Sample Source
- RoHS compliant

Applications

- ATM System
- e-Payment System
- e-Passport System

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