ACM1252U-Z2
Small NFC Reader Module
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Product Overview
ACM1252U-Z2 Small NFC Reader Module

The ACM1252U-Z2 is a small module developed based on the ACR1252U Core. Similarly, it supports ISO 14443 Type A and B cards, and MIFARE®, FeliCa, and ISO 18092–compliant NFC tags.

It is PC/SC-compliant and firmware upgradable. Its small size allows it to be integrated to compact machines and it can be used with a detachable cable that allows it flexibility to be located far from the USB host interface.
What are the Key Features of ACM1252U-Z2?

- **Introduction**
- **Features**
  - firmware upgradable
  - smart card interface
    - PICC (Contactless)
  - supported card types
    - ISO 18092 Tags (NFC)
    - ISO 14443 Type A & B
    - MIFARE® variants
    - FeliCa
  - user-controllable peripherals
    - bi-color LED
  - cost-effective
  - certifications/compliance
    - ISO 18092, ISO 14443, PC/SC, CCID, CE, FCC, USB Full Speed, Microsoft® WHQL, RoHS 2, REACH
  - protocols and standards
    - ISO 18092 NFC
    - ISO 14443 Parts 1-4
    - PC/SC and CCID
  - operating system support
    - Windows®
    - Linux®
    - Mac OS®
    - Solaris
    - Android™
The ACM1252U-Z2 offers NFC features with its compact size making ideal for integration with compact machines.

- This module is built based on ISO 14443 and ISO 18092
- It comes in a compact size with the following dimensions:
  52 mm (L) × 20 mm (W) × 6 mm (H)
- Provides support for NFC mobile Phones
- Allows in-field firmware upgradability function to support any future enhancements
- Suitable for different applications on various NFC environments
Key Benefits of ACM1252U-Z2

**PICC Support**
- ISO 18092 Tags (NFC)
- ISO 14443 Type A & B
- MIFARE variants, FeliCa

**Competitive Cost**
ACM1252U is a cost-effective module to extensively share and promote NFC technology to customers.

**Ease of Integration**
- The small size of the module makes it ideal to be integrated in compact machines
- The connector of the module allows flexibility where the module will be located.

**Firmware Upgradable**
In-field firmware upgrade function provides support to any future enhancements
Product Application
In what areas can we apply ACM1252U-Z2?

- e-Government
- e-Banking
- Smart Poster
- P2P Communication
- Loyalty
- Network Security
- e-Healthcare
- Access Control
Compliance/Certifications
OS Support
Thank You!

For more information, visit:
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