ACR122S

Serial NFC Contactless Smart Card Reader

ACR122S, the serial interface version of ACS' ACR122 NFC Contactless Smart Card Reader, aims to facilitate the adoption of NFC in various applications. Developed based on the 13.56 MHz RFID technology and the ISO/IEC 18092 NFC standard, it supports ISO 14443 Type A and B (depends on cards), Mifare®, FeliCa and NFC contactless technologies.

The ACR122S is ideal for different contactless applications, such as secure personal identity verification, home banking, network log-on and online micro-payment transactions. It is available in module form as well, facilitating integration into POS terminals, kiosks, ticketing and vending machines.

The ACR122S also supports direct polling on specific card type, allowing smooth operation even when multiple contactless cards are presented.

Moreover, the ACR122S is equipped with a built-in SAM slot, securing the overall contactless operation.

For more information, visit: www.nfc-reader.com.

Standard Features

Card Support		Certifications/Compliance	
ISO 14443 Type A & B	✓	ISO 14443	✓
NFC Tags	✓	ISO / IEC 18092	✓
FeliCa	✓	CE	✓
Mifare	✓	FCC	✓
Host Interface		RoHS	✓
RS232 (Data Transmission)	✓	VCCI	✓
USB (Power)	✓	**Other Features**	
		Bicolor LED and Buzzer	
		Direct Polling on Specific Card Type when Multiple Cards are Present	
		SAM Supports T=0	

Typical Applications

- ✓ Customer loyalty
- ✓ Secure home banking
- ✓ Computer system log-on
- ✓ Public transportation terminals
- ✓ Automated fare collection
- ✓ Vending machines
- ✓ Physical access control
- ✓ Time and attendance
- ✓ E-banking
- ✓ Digital signature
- ✓ Network access control

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