



SKU:	RS-ATA5577-CR80
Chip Type:	Microchip® Atmel® ATA5577
Frequency:	LF 125 KHz
Protocol:	ISO/IEC 11784, ISO/IEC 11785
User Memory:	224 bits
UID Memory:	64 bits
EEPROM:	363 bits
Industry:	Access Control, Events, Transportation
Applications:	ID Card, Public Transport, Hospitality, Electronic Toll Collection

Microchip® Atmel® ATA5577 RFID Card

The Atmel® ATA5577 RFID Card combines a durable CR80 PVC body with a 125 KHz contactless IDIC® chip, offering a versatile read/write solution for low-frequency RFID applications. Measuring 86×54×0.88 mm and compatible with most thermal and direct thermal card printers, these cards provide 363 bits of on-chip EEPROM memory, including 7 user blocks and a 32-bit password memory, enabling secure storage of custom data.

Designed for reliable performance across multiple environments, the ATA5577 cards feature robust read/write capabilities and maintain data integrity throughout their lifecycle. Their standard CR80 size and printer compatibility make them ideal for staff badges, access control systems, attendance tracking, and other identification applications. These cards deliver both flexibility and security in a cost-effective, low-frequency RFID format.

Physical Information	Material	Black Core PVC, White Core PVC, White Core PET (WEEE Directive✓), White Core ABS (WEEE Directive✓), Wooden (WEEE Directive✓)
	Card Size	86×54×0.88 mm (3.4"×2.2")
	Operating Environment	-20°C~+50°C, 20%~80% RH
	Storage Environment	+18°C~+28°C, 20%~90% RH
	Surface Treatment	Glossy, Matte or Frosted
	Personalized Printing (NA For Wooden Cards)	Thermal Transfer/Dye Sublimation
	Customization Options (NA For Wooden Cards)	Pre-Printing, Barcode Printing, Embossing, Holograms, Signature Panels, UV Printing, Hot Stamping, Punch Holes
	Care Tips	1. Avoid excessive bending 2. Keep away from water 3. Store in cool and dry place
Technical Information	Cleaning Tips	1. Use a soft, dry cloth 2. Avoid harsh chemicals or abrasive cleaners 3. Remove stains immediately
Packaging Information	Operating Frequency	125 KHz
	Communication Protocol	ISO/IEC 11784, ISO/IEC 11785
	Chip Type	Microchip® Atmel® ATA5577
	User Memory	224 bits
	UID Memory	64 bits
	EEPROM	363 bits
	R/W Availability	Read/Write
	Anti-Collision	Support
	Security Feature	64 bit Password

● **Performance and Illustrations:** Graphs and visuals are for reference only; actual product performance may vary depending on usage and environment.
 ● **Storage and Handling Guidelines:** Follow standard ESD-safe storage and handling procedures to maintain product integrity and avoid damage.
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