



STMicroelectronics® ST25TA64K NFC Card



SKU:	RS-ST64K-CR80
Chip Type:	STMicroelectronics® ST25TA64K
Frequency:	HF 13.56 MHz
Read Range:	Up to 10 cm
Protocol:	ISO/IEC 14443-A, NFC Forum Type 4
EEPROM:	8192 bytes
Industry:	Events, Healthcare, Transportation
Applications:	Access Control, Library, Vehicle Tracking, Public Transport, Ticketing

The STMicroelectronics® ST25TA64K NFC card operates at a frequency of 13.56 MHz and is compatible with both 13.56 MHz RFID readers and NFC smartphones. It supports the ISO/IEC 14443-A and NFC Forum Type 4 protocols, making it suitable for various NFC applications. This versatility allows the card to work seamlessly with standard high-frequency devices.

The ST25TA series includes four different IC variants: ST25TA512B, ST25TA02KB, ST25TA16K, and ST25TA64K. Each model varies mainly in EEPROM size and internal tuning capacitance. These differences provide flexibility for users to select the most suitable IC based on specific memory requirements and application needs.

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
	Net Weight	About 5.8 g
	Operating Environment	-20°C~+50°C, 20%~80% RH
	Storage Environment	+18°C~+28°C, 20%~80% 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
	Cleaning Tips	1. Use a soft, dry cloth 2. Avoid harsh chemicals or abrasive cleaners 3. Remove stains immediately

Technical Information	Operating Frequency	13.56 MHz
	Communication Protocol	ISO/IEC 14443-A, NFC Forum Type 4
	Chip Type	STMicroelectronics® ST25TA64K
	Read Range	Up to 10 cm
	EEPROM	8192 bytes
	UID Memory	7 bytes
	Internal Tuning Capacitance	25 pF
	Reading Rate	106 kbit/s
	Security Features	128 bit password

Packaging Information	Packing Format	Single pieces, piece by piece
	Packing Quantity	200 pcs/case, G.W. : 1.26 kg
	Packing Method	1000 pcs or 2000 pcs/carton
	Carton Dimension	1000 pcs: 23×20×17 cm (G.W.: 6.3 KG); 2000 pcs: 48×23×14 cm (G.W.: 12.6 KG).

● **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.
 ● **Product Updates and Revisions:** rfidbridge.com may change products, specs, or services at any time without prior notice.
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