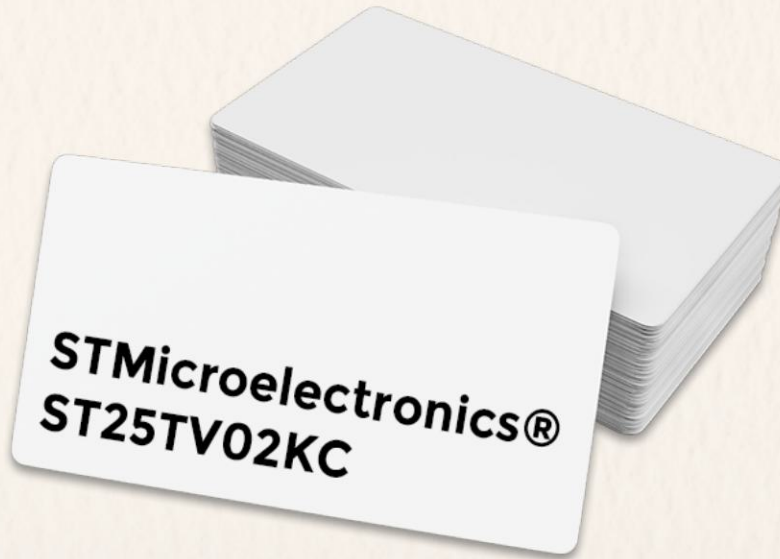




STMicroelectronics® ST25TV02KC RFID Card



SKU:	RS-ST02KC-CR80
Chip Type:	STMicroelectronics® ST25TV02KC
Frequency:	HF 13.56 MHz
Protocol:	ISO/IEC 15693, NFC Forum Type 5
UID Memory:	8 bytes
EEPROM:	Up to 320 bytes
Industry:	Retail, Public Transportation, Events, Apparel and Fashion and Healthcare
Applications:	Access Control, Customer Engagement, Event Ticketing, Loyalty Programs, NFC

The STMicroelectronics® ST25TV02KC HF CR80 RFID Card is a high-performance HF RFID card designed for secure identification, authentication, and smart interaction applications. Fully compliant with NFC Forum Type 5 Tag and ISO/IEC 15693 standards, it features a unique 64-bit UID and up to 2.5 Kbits EEPROM for reliable data storage and communication. Powered by advanced TruST25™ digital signature technology, the card enhances product authenticity verification and helps protect against cloning or counterfeiting.

Supporting Augmented NDEF and NFC-enabled device interaction, the ST25TV02KC enables dynamic data exchange and seamless user engagement. Its standard CR80 format makes it ideal for access control, membership systems, product authentication, loyalty programs, event management, and smart marketing applications requiring secure HF RFID and NFC functionality.

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
	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 15693, NFC Forum Type 5
	Chip Type	STMicroelectronics® ST25TV02KC
	UID Memory	8 bytes
	EEPROM	Up to 320 bytes
	Data Retention	60 years
	Write Endurance	100,000 times
	Anti-Collision	Support
	Anti-Tearing	Support
	Protection	Anti-Collision, Augmented NDEF, TruST25 digital signature, Tamper Detection, Password Protection, Memory Lock/Write Protection

Packaging Information	Packing Format	Single pieces, piece by piece
	Packing Quantity	200 pcs/case, G.W. : 1.3 kg
	Packing Method	1000 pcs or 2000 pcs/carton
	Carton Dimension	1000 pcs: 23×20×17 cm (G.W.: 7 KG); 2000 pcs: 48×23×14 cm (G.W.: 13 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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