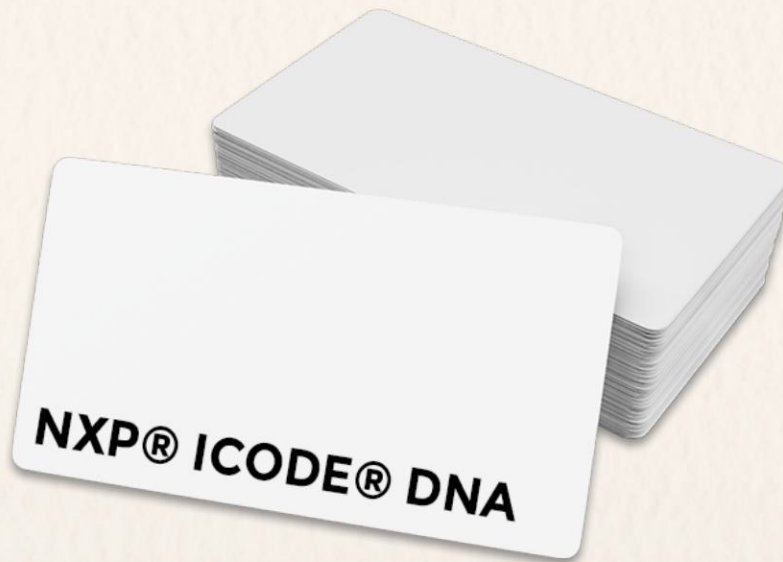




NXP® ICODE® DNA RFID Card



SKU:	RS-ICDNA-CR80
Chip Type:	NXP® ICODE® DNA
Frequency:	HF 13.56 MHz
Protocol:	ISO/IEC 15693
User Memory:	2048 bits
UID Memory:	8 bytes
Industry:	Events, Healthcare, Transportation, Business
Applications:	Access Control, NFC, ETC Toll Payment, Vehicle Tracking

The RFID Card NXP® ICODE® DNA integrates cutting-edge ISO/IEC 15693 technology, offering secure, high-performance contactless communication for advanced identification and authentication applications. Featuring NXP's DNA (Data, Network, Authentication) security architecture, it supports AES-128 encryption, mutual authentication, and secure messaging, ensuring robust data protection and reliability even in sensitive environments. Operating at 13.56 MHz, it delivers fast and consistent read performance across a wide range of NFC and RFID readers.

Manufactured in the standard CR80 card format, this RFID card combines durability, compatibility, and advanced functionality, making it ideal for access control, brand protection, asset tracking, and secure smart packaging. Its compatibility with both industrial RFID systems and consumer NFC-enabled devices ensures seamless integration, empowering businesses to enhance security, streamline processes, and create interactive digital experiences.

Physical Information	Material	Black Core PVC, White Core PVC, White Core PET (WEEE Directive✓), White Core ABS (WEEE Directive✓), Wooden (WEEE Directive✓)
	Card Size	85.6×54×0.88 mm
	Net Weight	About 5.8 g
	Operating Environment	-20°C~+50°C, 20%~80% RH
	Storage Environment	+18°C~+28°C, 40%~60% 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
	Chip Type	NXP® ICODE® DNA
	Data Transfer	53 kbit/s
	Data Integrity	16 bit CRC
	True Anticollision	Support
	User Memory	2048 bits
	UID Memory	8 bytes
	Originality Signature	32 bytes
	Lock Mechanism	DSFID, AFI, EAS
	Cryptographic Tag /Mutual Authentication	Support
	Counter	16 bit
	Security Features	AES-128 Encryption

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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