



Texas Instruments® Tag-it™ TI2048 RFID Card



SKU:	RS-TI2048-CR80
Chip Type:	Texas Instruments® Tag-it™ TI2048
Frequency:	HF 13.56 MHz
Protocol:	ISO/IEC 15693, ISO/IEC 18000-3
EEPROM:	256 bytes
Industry:	Events, Healthcare, Transportation
Applications:	Access Control, Library, Vehicle Tracking, Public Transport, Ticketing

We offer blank or customized printed RFID cards with a variety of size options to suit your specific needs. These cards feature the Tag-it™ HF-I Transponder IC TMS37112 (also known as TI-2048), operating at a frequency of 13.56MHz.

In addition, the cards are compliant with ISO/IEC 15693 and ISO/IEC 18000-3 standards, ensuring reliable performance in infrastructures that support these protocols. They are widely used in various RFID applications.

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
Technical Information	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, ISO/IEC 18000-3
	Chip Type	Texas Instruments® Tag-it™ TI2048
	EEPROM	256 bytes
	UID Memory	8 bytes
	Security Features	Supports write protection locking for individual storage blocks

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.
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