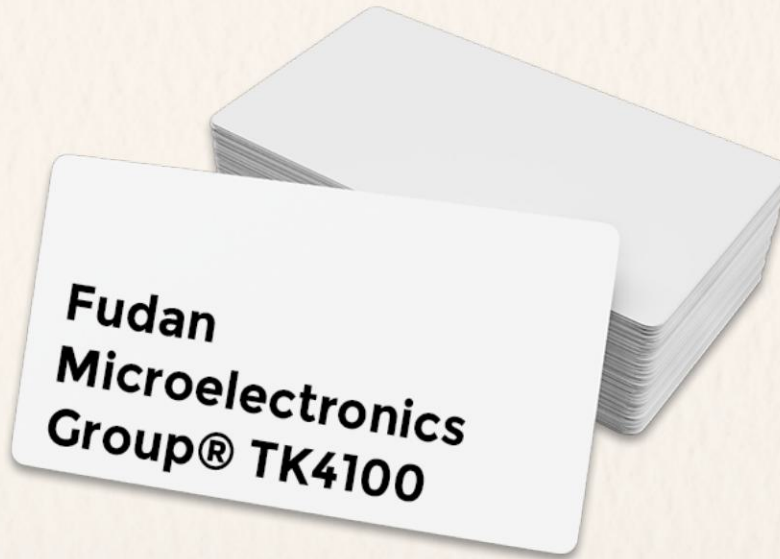




Fudan Microelectronics Group® TK4100 RFID Card



SKU:	RS-TK41-CR80
Chip Type:	Fudan Microelectronics Group® TK4100
Frequency:	LF 125 KHz
Protocol:	ISO/IEC 10536, ISO/IEC 11784, ISO/IEC 11785
UID Memory:	40 bits
Industry:	Access Control, Events, Transportation
Applications:	ID Card, Public Transport, Hospitality, Electronic Toll Collection

TK4100 RFID cards are built with high-quality CR80 PVC sheets, measuring 86×54×0.88 mm, suitable for most thermal and direct thermal card printers and providing a versatile solution for single-card identification and access control. The embedded CMOS integrated circuit follows the EM format, offering compatibility with a wide range of RFID readers. The 480-pF resonance capacitor and adherence to ISO/IEC 10536, 11784, and 11785 standards ensure reliable signal response and consistent card performance over time.

With a durable PVC construction and read-only memory design, these cards maintain secure and stable data throughout their lifecycle. Their standard CR80 dimensions and printer compatibility makes them ideal for staff badges, attendance systems, or low-frequency access solutions. The TK4100 balances affordability with reliability, offering a practical and straightforward option for organizations seeking stable, low-frequency RFID 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	125 KHz
	Communication Protocol	ISO/IEC 10536, ISO/IEC 11784, ISO/IEC 11785
	Chip Type	TK4100
	Read Range	Up to 15 cm
	UID Memory	40 bits
	R/W Availability	Read only

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.
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