



SKU:	RS-R6PS50-PVC-8654
Chip Type:	NXP® MIFARE Classic® EV1 1K Impinj® Monza® R6-P
Frequency:	HF 13.56 MHz UHF 860-960 MHz
HF EEPROM:	1K bytes
UHF EPC Memory:	128 bits
UHF User Memory:	64 bits
Protocol:	ISO/IEC 14443-A, ISO/IEC 18000-63, EPCglobal Gen2v2
Compliance:	WEEE Directive
Industry:	Healthcare, industrial applications, logistics, retail, events
Applications:	Access control, asset tracking, library, inventory, warehouse

RFID Card

NXP® MIFARE Classic® EV1 1K & Impinj® Monza® R6-P

The RFID Card combines NXP® MIFARE Classic® EV1 1K for HF (13.56 MHz) and Impinj® Monza® R6-P for UHF (860-960 MHz) frequencies, offering versatile dual-frequency functionality. It features 1K bytes HF EEPROM, 128-bit UHF EPC memory, and 64-bit UHF user memory, supporting ISO/IEC 14443-A and ISO/IEC 18000-63 protocols.

Made from durable materials including PVC, PET, ABS, and eco-friendly wood, this card measures 85.6×54×0.88 mm and weighs about 5.8 grams. Customization options include thermal printing, embossing, holograms, and more, ideal for multi-purpose identification and tracking applications.

Physical Information	Material	Black core PVC, White core PVC, White core PET(WEEE Directive✓) White core ABS(WEEE Directive✓), Wooden(WEEE Directive✓)
	Size	85.6×54×0.88 mm(3.37"×2.125")
	Weight	About 5.8 g
	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
	Operating Environment	0°C~+50°C, 20%~90% RH
	Storage Environment	+18°C~+28°C, 40%~60% RH
	Care Tips	1. Avoid excessive bending. 2. Keep away from water and collision. 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, 860-960 MHz
	Protocol	ISO/IEC 14443-A, ISO/IEC 18000-63, EPCglobal Gen2v2
	Chip Type	NXP® MIFARE Classic® EV1 1K + Impinj® Monza® R6-P
	HF EEPROM	1K bytes
	UHF EPC Memory	128 bits
	UHF User Memory	64 bits
	Read Range	HF: Up to 100 mm
	Security Features(HF)	Manufacturer programmed 7-byte UID or 4-byte NUID identifier for each device Random ID support Mutual three pass authentication(ISO/IEC DIS 9798-2) Individual set of two keys per sector to support multi-application with key hierarchy
	Security Features(UHF)	96 bits of Serialized TID with 48 bits serial number Kill Password-32 bits Access Password-32 bits

Packaging Information	Packing Format	Single pieces, piece by piece
	Packing Method	Inner Packing: 200 pcs/case, G.W.: 1.26 kg Outer Packing: 5 cases/carton(1000 pcs) or 10 cases/carton(2000 pcs)
	Carton Dimension	1000 pcs: 23×20×17 cm 2000 pcs: 32.5×25×22.5 cm

● **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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