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RFID and sensor

Category	Product Name	Capacity	Communication Interface/ Standard Compliance	Security Mechanism	Package	Applications
Sensor Chip	FM13DT160	160K bits	ISO14443 TypeA、 ISO18000-6C I2C	4-byte password	Wafer, TDFN10	Temperature measurement and monitor cold chain validation
NFC Tag chip	FM11NT021TT	144 Bytes	ISO14443 TypeA、 NFC FORUM Type2 Tag	4-byte password	Wafer	Product identification, Intelligent packaging
	FM11NT021	144 Bytes	ISO14443 TypeA、 NFC FORUM Type2 Tag	4-byte password	Wafer, DFN4	Product identification, Consumables management, Smart speakers
	FM11NT041	504 Bytes	ISO14443 TypeA、 NFC FORUM Type2 Tag	4-byte password	Wafer	Scene definition and Initiating connections
	FM11NT081	888 Bytes	ISO14443 TypeA、 NFC FORUM Type2 Tag	4-byte password	Wafer	Online payment portal, Digital currency
	FM11NT022	144 Bytes	ISO14443 TypeA、 NFC FORUM Type2 Tag	4-byte password	Wafer	Product identification, game entertainment
	FM11NS022	240 Bytes	ISO14443 TypeA、 NFC FORUM Type2 Tag	Turbo Print	Wafer	Consumables management, Offline counterfeit Authentication, lightweight Security applications
	FM11NT032	256 Bytes	ISO14443 TypeA、 NFC FORUM Type2 Tag	4-byte password	Wafer	Scene definition and Initiating connections
NFC dule-interface channel chip	FM11NT082C	888 Bytes	I2C、SPI ISO14443 TypeA、 NFC FORUM Type2 Tag	Turbo Print	TDFN10, SOP8, Wafer	Electronic shelf labels, WIFI distribution, Bluetooth pairing
	FM11NP04	560 bits	ISO14443 TypeA、 NFC FORUM Type2 Tag	Turbo Print	TDFN10, Wafer	LED lamps, intelligent routing
	FM11NT083C	888 Bytes	I2C ISO14443 TypeA、 NFC FORUM Type2 Tag	Turbo Print	TDFN10, SOP8, XQFN8	Electronic shelf labels, traceability management, one-touch connection, one-touch transmission, passive locks
	FM11NT083V	888 Bytes	I2C ISO15693 TypeA、 NFC FORUM Type5 Tag	4-byte password	TDFN10, SOP8, XQFN8	Electronic shelf labels, LED lamps
	FM11NP04V	560 Bytes	ISO15693 TypeA NFC FORUM Type5 Tag	4-byte password	TDFN10, SOP8, XQFN8	Passive locks



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HF RFID tag chip	FM13HF02	2K bits	NFC FORUM Type5 Tag、 ISO 15693	-	Wafer, DFN4	Book management, intelligent manufacturing
	FM13HS02	2K bits	NFC FORUM Type5 Tag、 ISO15693	SM7、PUF	Wafer	Anti-counterfeiting traceability, asset management
	FM13HF01	1K bits	NFC FORUM Type5 Tag、 ISO15693	4-byte password	Wafer	Library management, retail
	FM13HS01	1K bits	NFC FORUM Type5 Tag、 ISO15693	Turbo Print	Wafer	Anti-counterfeiting traceability, intelligent packaging
Contactless logic encryption chip	FM11RF005M	512 bits	ISO14443 TypeA	M1	Wafer	Consumables management, Small household appliances
	FM11RF005U	512 bits	ISO14443 TypeA	-	Wafer	One-way ticket for railtransit
	FM11RF08S	8K bits	ISO14443 TypeA	M1	XOA2, Wafer	Door lock key, Micropayment, Membership card
	FM11RF32M	32K bits	ISO14443 TypeA	M1	XOA2, Wafer	Public transportation, campus card
	FM11RF32N	32K bits	ISO14443 TypeA	M1	XOA2, Wafer	Campus ID card
	FM11S08	8K bits	ISO14443 TypeA	SM7	Wafer	Entrance tickets, Access control,Consumables anti-counterfeiting
	FM13UF0051E	352 bits	EPC Global C1G2、 ISO18000-6C	4-byte password	Wafer	Books, shoes and clothing, Airport baggage management
	FM13UF011E	800 bits	EPC Global C1G2、 ISO18000-6C	4-byte password	Wafer	
UHF tag chip	FM13UF011X	800 bits	EPC Global C1G2、 ISO18000-6C	4-byte password	Wafer	
	FM13US02G	2K bits	GB/T29768-2013	SM7	Wafer/Tsot23-3	High-value material management, traceability
	FM13UF02G	2K bits	GB/T29768-2013	4-byte password	Wafer/Tsot23-3	Logistics,Warehouse、 Vehicle and personnel management
UHF reader chip	FM13RD1616E	-	SPI/QSPI EPC Global C1G2、 ISO18000-6C	-	QFN64	Inventory management, Supermarket retail, Smart home appliances, Smart manufacturing
	FM13RD1616G	-	SPI/QSPI EPC Global C1G2、 ISO18000-6C、 GB/T29768-2013	-	QFN64	
Contact memory chip	FM4442	2K bits	ISO7816	3-byte password	Contact Module	Contact access cards, e-consumer card
	FM4428	8K bits	ISO7816	2-byte password	Contact Module	Contact health insurance card, Membership card