

NFC/RFID Tag and Transponder IC 13553kHz to 13567kHz 4Kbit 8-Pin TSSOP T/R

Manufacturer:	STMicroelectronics, Inc	M24LR04E-RDW6T/2 Image
Package/Case:	TSSOP8	Images are for reference only
Product Type:	RF Integrated Circuits	Inquiry
RoHS:	RoHS Compliant/Lead free 	
Lifecycle:	NRND	

General Description

The M24LR04E-R device is a Dynamic NFC/RFID tag IC with a dual-interface, electrically erasable programmable memory (EEPROM). The logic scheme is shown in Figure 1.

It features an I2C interface and can be operated from a VCCpower supply. It is also a contactless memory powered by the received carrier electromagnetic wave. The M24LR04E-R is organized as 512 × 8 bits in the I2C mode and as 128 × 32 bits in RF mode. The M24LR04E-R also features an energy harvesting analog output, as well as a user-configurable digital output pin toggling during either RF write in progress or RF busy mode.

Key Features

Random and sequential read modes

Self-timed programming cycle

Automatic address incrementing

Enhanced ESD/latch-up protection

User configurable pin - RF write in progress or RF busy mode

Analogue pin for energy harvesting

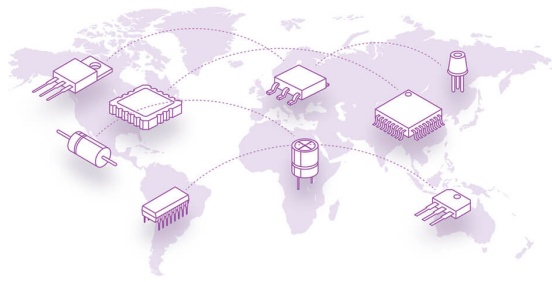
4 Sink current configurable ranges

More than 1 million write cycles

More than 40-year data retention

Multiple password protection in RF mode

Single password protection in I²C mode



Recommended For You

M24LR04E-RMC6T/2

STMicroelectronics, Inc

8-UFDFN

M24SR16-YDW6T/2

STMicroelectronics, Inc

TSSOP-8

M24LR64E-RMN6T/2

STMicroelectronics, Inc

SOP8

M24SR02-YDW6T/2

STMicroelectronics, Inc

TSSOP8

M24SR64-YDW6T/2

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TSSOP-8

M24LR64E-RDW6T/2

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TSSOP8

M24SR64-YMN6T/2

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M24SR04-GMC5T/2

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