

## EEPROM Serial-I2C 8K-bit 1K x 8 3.3V/5V 8-Pin TSSOP T/R

<b>Manufacturer:</b>	<a href="#">STMicroelectronics, Inc</a>	<input type="text" value="M24C08-WDW6TP Image"/>
<b>Package/Case:</b>	TSSOP8	Images are for reference only
<b>Product Type:</b>	Memory	<input type="button" value="Inquiry"/>
<b>RoHS:</b>	RoHS Compliant/Lead free 	
<b>Lifecycle:</b>	NRND	

### General Description

The M24C08 is an 8-Kbit I2C-compatible EEPROM (Electrically Erasable PROGRAMMABLE Memory) organized as 1 K × 8 bits.

The M24C08-W can be accessed with a supply voltage from 2.5 V to 5.5 V, the M24C08-R can be accessed with a supply voltage from 1.8 V to 5.5 V, and the M24C08-F can be accessed either with a supply voltage from 1.7 V to 5.5 V (over the full temperature range) or with an extended supply voltage from 1.6 V to 1.7 V. All these devices operate with a clock frequency of 400 kHz.

## Key Features

Compatible with I2C bus modes:

400kHz

100kHz

Memory array:

8Kbit (1Kbyte) of EEPROM

Page size: 16byte

Single supply voltage:

M24C08-W: 2.5V to 5.5V

M24C08-R: 1.8V to 5.5V

M24C08-F: 1.7V to 5.5V (full temperature range) and 1.6V to 1.7V (limited temperature range)

Write:

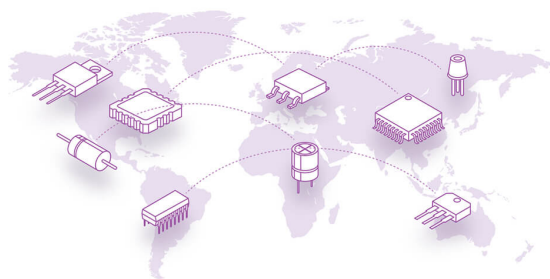
Byte write within 5ms

Page write within 5ms

Operating temperature range:

from -40°C to +85°C

Random and sequential read modes



## Recommended For You

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**M24C08-RMN6TP**

STMicroelectronics, Inc  
SOP8

**M24C08-WMN6TP**

STMicroelectronics, Inc  
SOP8

**M27C64A-15F1**

STMicroelectronics, Inc  
DIP

**M24C02-RMN6P**

STMicroelectronics, Inc  
SOP-8

**M27C1001-10F1**

STMicroelectronics, Inc  
CDIP32

**M27C1001-12F6**

STMicroelectronics, Inc  
DIP

**M27C64A-20F1**

STMicroelectronics, Inc  
DIP

**M27C512-15F1**

STMicroelectronics, Inc  
CDIP

**M24C02-RMN6TP**

STMicroelectronics, Inc  
SOP-8

**M27C1001-70F1**

STMicroelectronics, Inc  
DIP

**M24C32-WMN6TP**

STMicroelectronics, Inc  
SOP-8

**M27C512-90B6**

STMicroelectronics, Inc  
DIP28

**M27C4001-90C6**

STMicroelectronics, Inc  
PLCC-32

**M27C1001-70C1**

STMicroelectronics, Inc  
PLCC32

**M24256-DFCS6TP/K**

STMicroelectronics, Inc  
WLCSP-8