

## EEPROM Serial-I2C 2K-bit 256 x 8 1.8V/2.5V/3.3V/5V Automotive 8-Pin SOIC N T/R

**Manufacturer:** [Microchip Technology, Inc](#)

[AT24C02C-SSHM-T Image](#)

**Package/Case:** SOP8

Images are for reference only

**Product Type:** Memory

[Inquiry](#)

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active

### General Description

The Microchip AT24C02C is a 2 Kb Serial EEPROM utilizing an I<sup>2</sup>C (2-wire) serial interface. The device is organized as one block of 256 x 8 and is optimized for use in consumer, industrial, and automotive applications where reliable and dependable nonvolatile memory storage is essential. The EEPROM is available in a variety of space-saving packaging options.

### Key Features

Schmitt trigger, filtered inputs for noise suppression

Bidirectional data transfer protocol

Write protect pin for hardware data protection

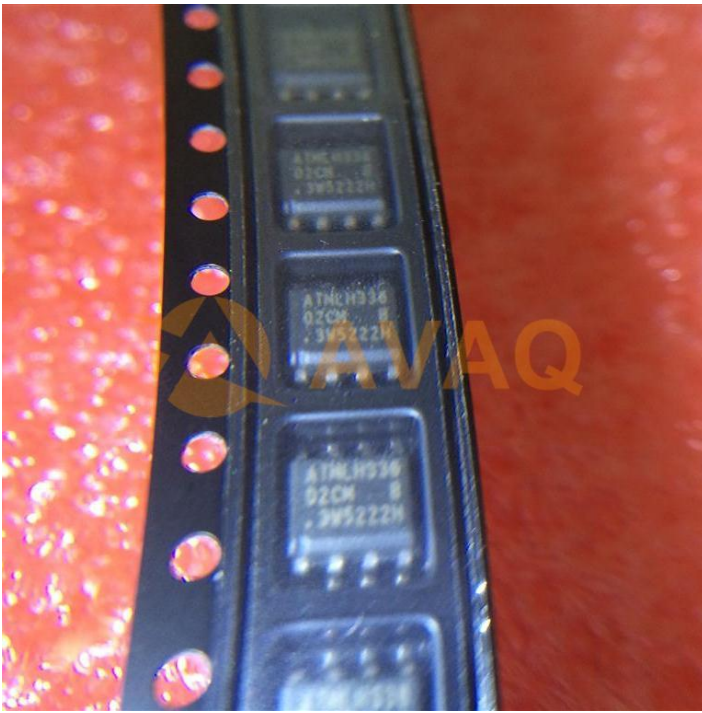
Self-timed write cycle (5ms maximum)

High-reliability

Endurance - 1000000 write cycles

Data retention - 100 years

Green product and no Sb/Br



## Recommended For You

### AT93C46E-PU

Microchip Technology, Inc

DIP8

### AT93C46D-PU

Microchip Technology, Inc

DIP8

### AT24C64D-SSHM-T

Microchip Technology, Inc

SOP8

### AT24C128C-MAHM-T

Microchip Technology, Inc

UDFN-8

### AT93C66B-XHM-T

Microchip Technology, Inc

TSSOP8

### AT25256B-SSHL-T

Microchip Technology, Inc

SOP8

### AT24C08C-SSHM-T

Microchip Technology, Inc

SOP8

### AT24C04C-PUM

Microchip Technology, Inc

DIP8

### AT24C256C-SSHL-T

Microchip Technology, Inc

SOP8

### AT24C02C-XHM-T

Microchip Technology, Inc

TSSOP8

### AT24C02C-XHM-B

Microchip Technology, Inc

TSSOP8

### AT24C32D-SSHM-T

Microchip Technology, Inc

SOP8

### AT24C16C-SSHM-B

Microchip Technology, Inc

SOP-8

### AT93C56B-SSHM-T

Microchip Technology, Inc

SOP8

### AT24C02C-STUM-T

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