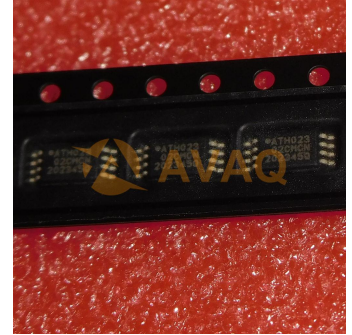


## EEPROM Serial-I2C 2K-bit 256 x 8 1.8V/2.5V/3.3V/5V Automotive 8-Pin TSSOP T/R



Images are for reference only

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

**Package/Case:** TSSOP8

**Product Type:** Memory

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active

[Inquiry](#)

### 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

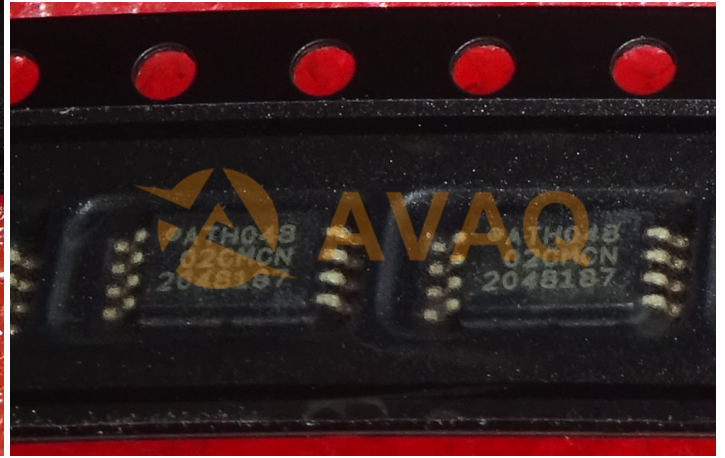
Self-timed write cycle (5ms maximum)

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-SSHMT**

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-SSHMT**

Microchip Technology, Inc

SOP8

### **AT24C04C-PUM**

Microchip Technology, Inc

DIP8

### **AT24C256C-SSHL-T**

Microchip Technology, Inc

SOP8

### **AT24C02C-XHM-B**

Microchip Technology, Inc

TSSOP8

### **AT24C32D-SSHMT**

Microchip Technology, Inc

SOP8

### **AT24C02C-SSHMT**

Microchip Technology, Inc

SOP8

### **AT24C16C-SSHMT-B**

Microchip Technology, Inc

SOP-8

### **AT93C56B-SSHMT**

Microchip Technology, Inc

SOP8

### **AT24C02C-STUM-T**

Microchip Technology, Inc

SOT23-5