

IC EEPROM 2M I2C 1MHZ 8SOIC

Manufacturers [Microchip Technology, Inc](#)

Package/Case SOP8

Product Type Integrated Circuits (ICs)

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for AT24CM02-SSHM-T or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The Microchip AT24CM02 is a 2Mb Serial EEPROM utilizing an I2C (2-wire) serial interface. The device is organized as one block of 256K x 8 and is optimized for use in consumer and industrial applications where reliable and dependable nonvolatile memory storage is essential. The EEPROM is available in a variety of space-saving packaging options.

## Features

256K x 8 (2 Mbit)

400 kHz and 1 MHz clock compatibility

Self-Timed Erase and Write Cycles (10 ms max.)

Read current 1 mA (Max)

Write current 3 mA (Max)

Standby current 1 uA (Max) @ 1.8V, 3 uA (Max) @ 5.5V

Hardware Write-Protect Pin

More than 1 million erase/write cycles

Data retention > 100 years

Factory Programming Available

Available in 8-lead SOIC and WLCSP packages

## Related Products



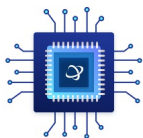
### [ATA6563-GAQW0](#)

Microchip Technology, Inc  
SOIC-8



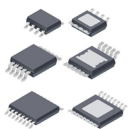
### [AT30TSE004A-MAA5M-T](#)

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WDFN-8



### [ATMEGA808-MU](#)

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### [ATTINY3226-SU](#)

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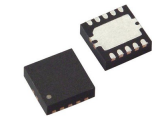
### [AT42QT1040-MMHR](#)

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VQFN-20



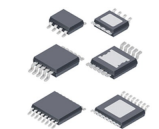
### [AT30TS74-SS8M-T](#)

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### [ATSAMC21G17A-MZTVAO](#)

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### [ATTINY3224-SSU](#)

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