

EEPROM Serial-I2C/Serial-SPI 2Mb 256Kx8 1.8V/2.5V/3.3V/5V

Manufacturers [Microchip Technology, Inc](#)

Package/Case SOIC-8

Product Type Memory

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for AT24CM02-SSHM-B 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



[AT27C010-45JU](#)

Microchip Technology, Inc
PLCC-32



[AT24CM02-SSHD-B](#)

Microchip Technology, Inc
SOIC-8



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