


**EEPROM Serial-I2C 256K-bit 32K x 8 1.8V/2.5V/3.3V/5V
Automotive 8-Pin SOIC N Tube**



Images are for reference only

[Inquiry](#)

Manufacturer:	Microchip Technology, Inc
Package/Case:	SOP8
Product Type:	Memory
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active

General Description

The Microchip AT24C256C is a 256Kb Serial EEPROM utilizing an I²C (2-wire) serial interface. The device is organized as one block of 32K 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

- 2-wire Serial interface
- Schmitt trigger, filtered inputs for noise suppression
- Bidirectional data transfer protocol
- 400kHz (1.7V) and 1MHz (2.5, 2.7, 5.0V) compatibility
- Write protect pin for hardware protection
- 64-byte Page write mode - Partial page writes allowed
- Self-timed write cycle (5ms maximum)
- High reliability - 1,000,000 write cycles endurance
- Halogen-free

Recommended For You

AT93C46E-PU

Microchip Technology, Inc
DIP8

AT93C46D-PU

Microchip Technology, Inc
DIP8

AT24C64D-SSHM-T

Microchip Technology, Inc
SOP8

AT24C128C-MAHMT

Microchip Technology, Inc
UDFN-8

AT93C66B-XHMT

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-XHMT

Microchip Technology, Inc
TSSOP8

AT24C02C-XHM-B

Microchip Technology, Inc
TSSOP8

AT24C32D-SSHM-T

Microchip Technology, Inc
SOP8

AT24C02C-SSHM-T

Microchip Technology, Inc
SOP8

AT24C16C-SSHM-B

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SOP-8

AT93C56B-SSHM-T

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