

**EEPROM Serial-I2C 16K-bit 2K x 8 1.8V/2.5V/3.3V/5V
Automotive 8-Pin SOIC N T/R**

Manufacturer:	Microchip Technology, Inc	AT24C16C-SSHM-T Image
Package/Case:	SOP-8	Images are for reference only
Product Type:	Memory	Inquiry
RoHS:	RoHS Compliant/Lead free 	
Lifecycle:	Active	

General Description

The Microchip AT24C16C is a 16Kb Serial EEPROM utilizing an I²C (2-wire) serial interface. The device is organized as one block of 2K 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

Low and standard-voltage operation

I²C-compatible (2-wire) serial interface

Schmitt trigger, filtered inputs for noise suppression

Bidirectional data transfer protocol

Write protect pin for hardware data protection

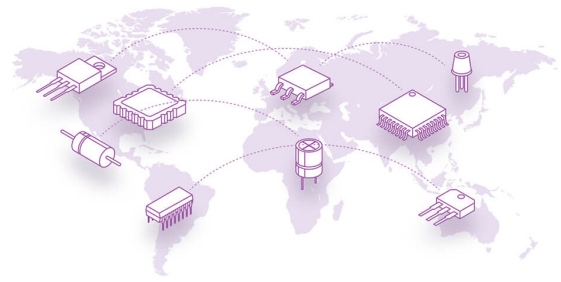
Self-timed write cycle (5ms maximum)

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-MAHMT

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-T

Microchip Technology, Inc

TSSOP8

AT24C02C-XHM-B

Microchip Technology, Inc

TSSOP8

AT24C32D-SSHMT

Microchip Technology, Inc

SOP8

AT24C02C-SSHMT

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SOP8

AT24C16C-SSHMT-B

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SOP-8

AT93C56B-SSHMT

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SOP8