

**EEPROM Serial-3Wire 1K-bit 128 x 8/64 x 16 2.5V/3.3V/5V
Automotive 8-Pin SOIC Tube**



Images are for reference only

[Inquiry](#)

Manufacturer: [Microchip Technology, Inc](#)

Package/Case: SOP-8

Product Type: Memory

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The Microchip AT93C46D is a 1 Kb Microwire (3-wire) Serial EEPROM organized as either 128 x 8 or 64 x 16, selectable in hardware using the ORG pin. The device 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-voltage operation
- User-selectable internal organization
- 2MHz Clock rate (5V)
- Self-timed write cycle (5ms maximum)
- High reliability
- Endurance - 1000000 write cycles
- Data retention - 100 years

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-XHMT

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

Microchip Technology, Inc
SOP8

AT24C16C-SSHMT-B

Microchip Technology, Inc
SOP-8

AT93C56B-SSHMT

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SOP8