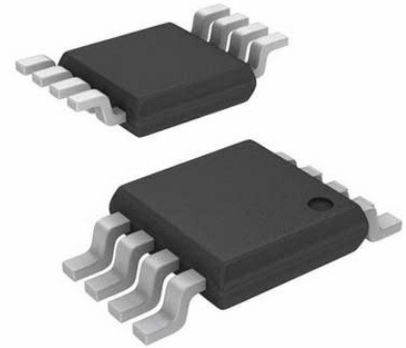


EEPROM Serial-I2C 8K-bit 1K x 8 1.8V/2.5V/3.3V 8-Pin TSSOP T/R

| | |
|---------------|---|
| Manufacturers | Microchip Technology, Inc |
| Package/Case | TSSOP-8 |
| Product Type | Memory |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for AT24C08D-XHM-T or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The Microchip AT24C08D is an 8 Kb Serial EEPROM utilizing an I2C (2-wire) serial interface. The device is organized as one block of 1,024 x 8 and is optimized for use in industrial and consumer applications where reliable and dependable nonvolatile memory storage is essential. The EEPROM is available in a variety of space-saving packaging options and operates from 1.7V to 3.6V.

Features

1024 x 8 (8 Kbit)

2-Wire Serial Interface, I2C Compatible

400 kHz (1.7V) and 1 MHz (>2.5V) clock compatibility

Supports up to 2 devices on the bus

Self-Timed Erase and Write Cycles (5 ms max.)

Low Power Consumption

Read current 0.15 mA (Typ), 0.5 mA (Max)

Write current 0.2 mA (Typ), 1 mA (Max)

Standby current 0.1 uA (Typ), 0.8 uA (Max)

Hardware Write-Protect Pin

More than 1 million erase/write cycles

Data retention > 100 years

Factory Programming Available

Available in 8-lead SOIC, 8-lead TSSOP, 8-pad UDFN, 8-lead PDIP, 5-lead SOT23, 8-ball VFBGA, and 4-ball WLCSP

Related Products



[AT27C010-45JU](#)

Microchip Technology, Inc
PLCC-32



[AT24CM02-SSHM-B](#)

Microchip Technology, Inc
SOIC-8



[AT24CM02-SSHD-B](#)

Microchip Technology, Inc
SOIC-8



[AT24C512C-SSHM-T](#)

Microchip Technology, Inc
SOIC-8



[24LC32AT-I/SN](#)

Microchip Technology, Inc
SOIC-8



[AT24C04D-MAHM-T](#)

Microchip Technology, Inc
UDFN-8



[AT28BV256-20SU](#)

Microchip Technology, Inc
SOIC-28



[AT28C010E-12DM/883](#)

Microchip Technology, Inc
CERDIP-32