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

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

Images are for reference only

Please submit RFQ for AT24C08D-SSHM-T or Email to us: 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