EEPROM Serial-I2C 4K-bit 512 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	
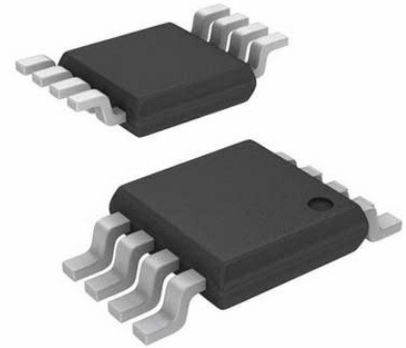
Images are for reference only

Please submit RFQ for AT24C04D-XHM-T or Email to us: sales@ovaga.com We will contact you in 12 hours.   RFQ

General Description

The Microchip AT24C04D is a 4 Kb Serial EEPROM utilizing an I2C (2-wire) serial interface. The device is organized as one block of 512x 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

512 x 8 (4 Kbit)

2-Wire Serial Interface, I2C Compatible

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

Supports up to 4 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, and 8-ball VFBGA

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