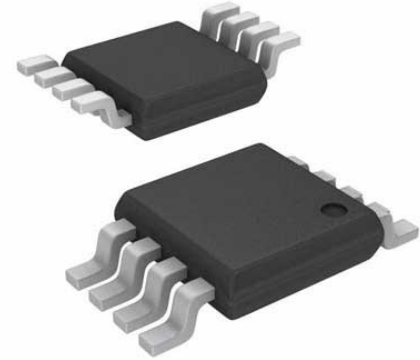


EEPROM Serial-I2C 16K-bit 8Block x 256 x 8 3.3V/5V 8-Pin MSOP Tube

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



Images are for reference only

Please submit RFQ for 24LC16B-I/MS or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The Microchip Technology Inc. 24AA16/24LC16B is a 16Kb I2C™ compatible Serial EEPROM. The device is organized as eight blocks of 256 x 8-bit memory with a 2-wire serial interface. Low-voltage design permits operation down to 1.7V with standby and active currents of only 1 μA and 1 mA, respectively. The 24XX16 also has a page write capability for up to 16 bytes of data. The 24XX16 is available in the standard 8-pin PDIP, surface mount SOIC, TSSOP, 2x3 DFN and MSOP packages, and is also available in the 5-lead SOT-23 package.

Features

Single supply with operation down to 2.5V for 24LC16B devices

Low-power CMOS technology

2-wire serial interface, I2C™ compatible

Schmitt Trigger inputs for noise suppression

Output slope control to eliminate ground bounce

100 kHz (2.5V) and 400 kHz clock compatibility

Page write time 5 ms max.

More than 1 million erase/write cycles

Data retention > 200 years

Related Products



[AT24CM02-SSHM-B](#)

Microchip Technology, Inc
SOIC-8



[24FC512-I/SM](#)

Microchip Technology, Inc
SOIJ-8



[AT24C512C-SSHM-T](#)

Microchip Technology, Inc
SOIC-8



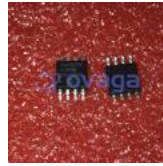
[24LC32AT-I/SN](#)

Microchip Technology, Inc
SOIC-8



[AT24CM02-SSHD-B](#)

Microchip Technology, Inc
SOIC-8



[24AA512-I/SM](#)

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SOIJ-8



[24LC256-I/ST](#)

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TSSOP-8



[AT24C04D-MAHM-T](#)

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UDFN-8