

24LC08 Series 8 Kb (1K x 8) 2.5 V I2C 2 Wire Bus Serial EEPROM - TSSOP-8

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



Images are for reference only

Please submit RFQ for 24LC08BT-I/ST 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. 24AA08/24LC08B is a 8Kb I2C™ compatible Serial EEPROM. The device is organized as four 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 μ A and 1 mA, respectively. The 24XX08 also has a page write capability for up to 16 bytes of data. The 24XX08 is available in the standard 8-pin PDIP, surface mount SOIC, TSSOP, 2x3 DFN, 2x3 TDFN and MSOP packages, and is also available in the 5-lead SOT-23 package. All packages are Pb-free and RoHS compliant.

Features

Single Supply with Operation Down to 2.5V

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 and 400 kHz Clock Compatibility

Page Write Time 3 ms, typical

Self-Timed Erase/Write Cycle

16-Byte Page Write Buffer

Hardware Write-Protect

ESD Protection >4,000V

More than 1 Million Erase/Write Cycles

Data Retention >200 years

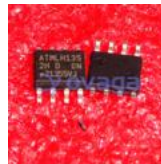


Related Products



[AT24CM02-SSHM-B](#)

Microchip Technology, Inc
SOIC-8



[AT24CM02-SSHD-B](#)

Microchip Technology, Inc
SOIC-8



[24FC512-I/SM](#)

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[AT24C512C-SSHM-T](#)

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[24LC256-I/ST](#)

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[24LC32AT-I/SN](#)

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UDFN-8