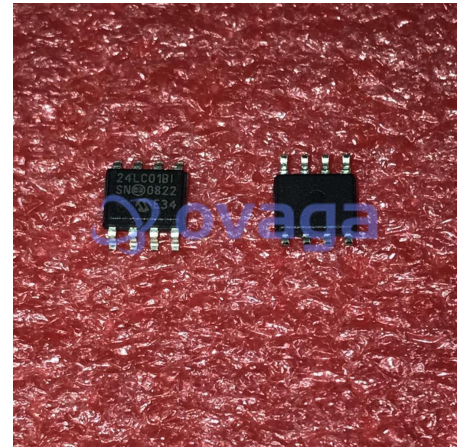


3.3V Single-Piece 256Kb Nonvolatile SRAM with Clock,EEPROM 128x8 - 1.8V

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



Images are for reference only

Please submit RFQ for 24LC01BT-I/SN 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. 24LC01B is a 1Kb Serial EEPROM. The device is organized as one block of 128 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 24LC01B also has a page write capability for up to 8 bytes of data. The 24LC01B 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 1.7V for 24AAXX devices, 2.5V for 24LCXX devices

Low-power CMOS technology

2-wire serial interface, I2C™ compatible

Schmitt Trigger inputs for noise suppression

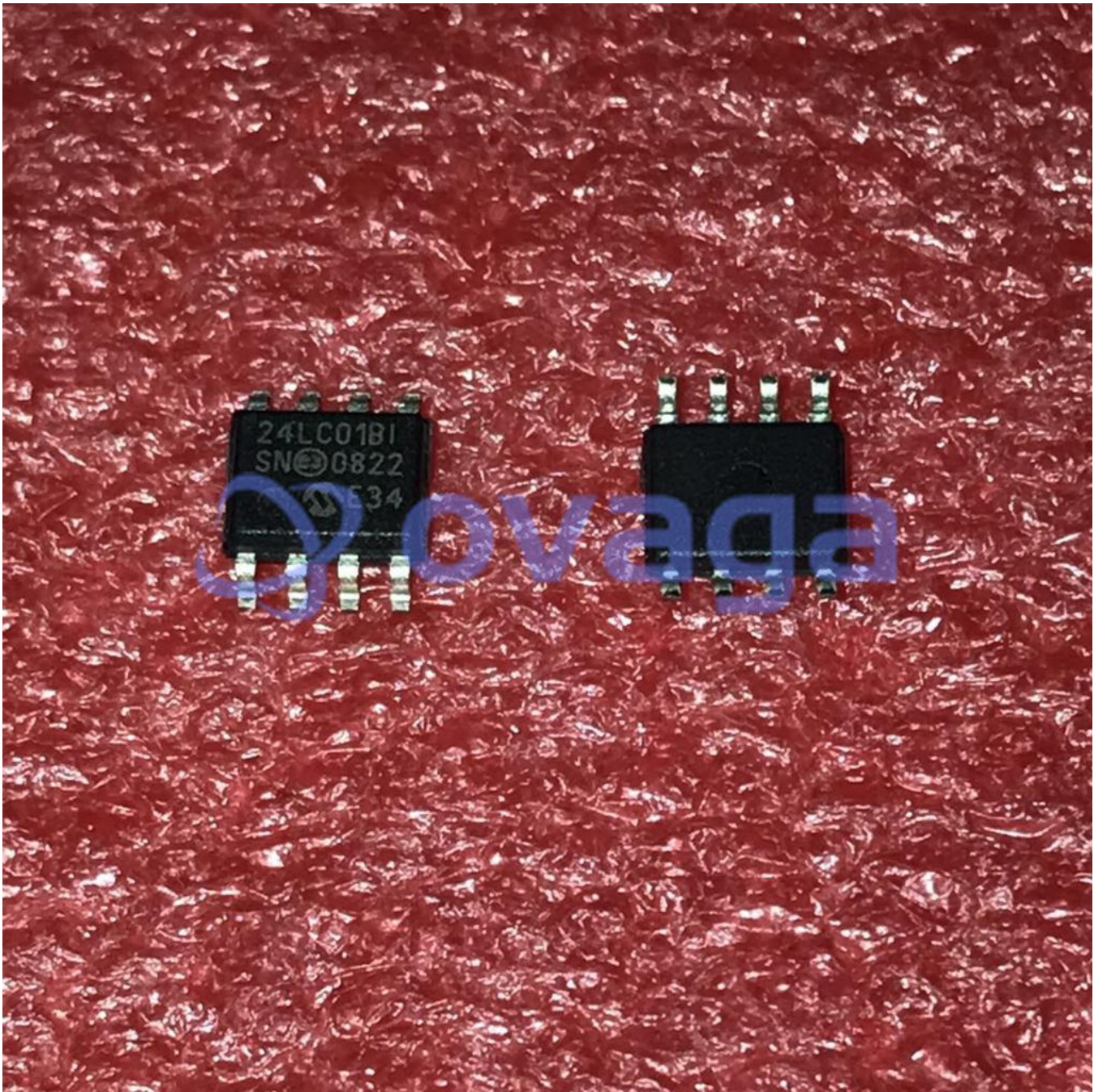
Output slope control to eliminate ground bounce

100 kHz and 400 kHz compatibility

Hardware write-protect

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](#)

Microchip Technology, Inc
SOIJ-8



[24AA512-I/SM](#)

Microchip Technology, Inc
SOIJ-8



[AT24C512C-SSHM-T](#)

Microchip Technology, Inc
SOIC-8



[24LC256-I/ST](#)

Microchip Technology, Inc
TSSOP-8



[24LC32AT-I/SN](#)

Microchip Technology, Inc
SOIC-8



[AT24C04D-MAHM-T](#)

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UDFN-8