

EEPROM Serial-I2C 32K-bit 4K x 8 3.3V/5V 8-Pin SOIC N T/R

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



Images are for reference only

Please submit RFQ for 24LC32AT-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. 24AA32A/24LC32A is a 32Kb I2C™ compatible Serial EEPROM. The device is organized as a single block of 4K 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. It has been developed for advanced, lowpower applications such as personal communications or data acquisition. The 24XX32A also has a page write capability for up to 32 bytes of data. Functional address lines allow up to eight devices on the same bus, for up to 256 Kbits address space. The 24XX32A is available in the standard 8-pin PDIP, surface mount SOIC, TSSOP, 2x3 DFN and MSOP packages.

Features

Single supply with operation down to 2.5V for 24LC32A devices

Low-power CMOS technology

2-wire serial interface, I2C™ compatible

Cascadable up to eight devices

Schmitt Trigger inputs for noise suppression

Output slope control to eliminate ground bounce

100 kHz and 400 kHz clock compatibility

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



[AT24C04D-MAHM-T](#)

Microchip Technology, Inc

UDFN-8



[24LC02B-I/SN](#)

Microchip Technology, Inc

SOIC-8