

EEPROM, 2 Kbit, 256 x 8bit, Serial I2C (2-Wire), 400 kHz, SOT-23, 5 Pins

Manufacturers	Microchip Technology, Inc
Package/Case	SOT-23-5
Product Type	Memory
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for 24LC02BT-I/OT 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. 24AA02/24LC02B is a 2Kb I2C™ compatible Serial EEPROM. The device is organized as one block 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 24XX02 also has a page write capability for up to 8 bytes of data. The 24XX02 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 24LC02B 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 clock compatibility

Page write time 3 ms, typical

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](#)

Microchip Technology, Inc
UDFN-8