

# 24LC02BT-I/OT

Data Sheet

<u>RFO</u>

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 t	) for 24LC02BT-I/OT or Email to us: sales@ovaga.com We will contact y	ou in 12 hours.
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## **General Description**

The Microchip Technology Inc. 24AA02/24LC02B is a 2Kb I2C<sup>TM</sup> 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  $\mu$ A 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, I2CTM compatible

Schmitt Trigger inputs for noise suppression

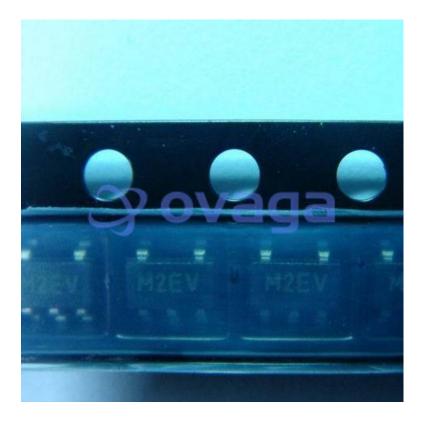
Output slope control to eliminate ground bounce

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



# <u>24FC512-I/SM</u>

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

Microchip Technology, Inc SOIJ-8

#### 24LC256-I/ST

Microchip Technology, Inc TSSOP-8

#### AT24C04D-MAHM-T

Microchip Technology, Inc UDFN-8