# ovaga

# 24LC08BT-I/OT

EEPROM, 8 Kbit, 4 BLK (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 24LC08BT-I/OT or Email to us: 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 μA 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**

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

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**Ovaga Technologies Limited**

**Email: sales@ovaga.com**