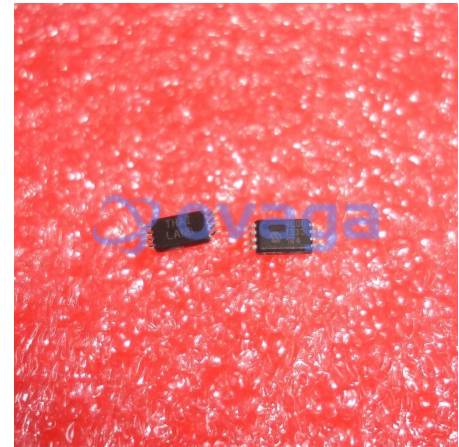


EEPROM Serial-I2C 128-bit 16 x 8 3.3V/5V 8-Pin TSSOP Tube

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



Images are for reference only

Please submit RFQ for 24LC00-I/ST 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. 24AA00/24LC00/ 24C00 (24XX00*) is a 128-bit Serial EEPROM organized as 16 x 8 with a 2-wire serial interface. Low-voltage design permits operation down to 1.7 volts for the 24AA00 version, and every version maintains a maximum standby current of only 1 μ A and typical active current of only 500 μ A. This device was designed for where a small amount of EEPROM is needed for the storage of calibration values, ID numbers or manufacturing information, etc. The 24XX00 is available in 8-pin PDIP, 8-pin SOIC (3.90 mm), 8-pin TSSOP, 8-pin 2x3 DFN and the 5-pin SOT-23 packages.

Features

Single supply with operation down to 1.7V for 24AA00 devices, 2.5V for 24LC00 devices

Low-power CMOS technology:- Read current 500 μ A, typical- Standby current 100 nA, typical

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

ESD protection >4000V

More than 1 million erase/write cycles

Data retention >200 years

Factory programming available



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