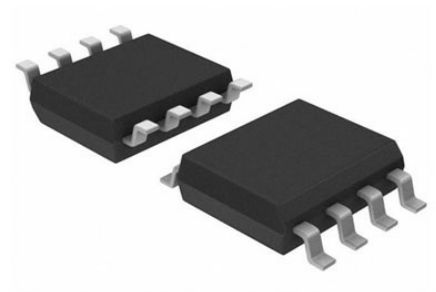


EEPROM, 512 Kbit, 64K x 8bit, Serial I2C (2-Wire), 400 kHz, SOIC, 8 Pins

|               |   |
|---------------|---|
| Manufacturers | <a href="#">Microchip Technology, Inc</a> |
| Package/Case  | SOIJ-8                                    |
| Product Type  | Memory                                    |
| RoHS          | Rohs                                      |
| Lifecycle     |   |



Images are for reference only

Please submit RFQ for 24LC512-E/SM 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. 24LC512 is a 512Kb (64K x 8) Serial Electrically Erasable PROM (EEPROM), capable of operation across a broad voltage range (2.5V to 5.5V). It has been developed for advanced, low-power applications such as personal communications and data acquisition. This device also has a page write capability of up to 128 bytes of data. This device is capable of both random and sequential reads up to the 512K boundary. Functional address lines allow up to eight devices on the same bus, for up to 4 Mbit address space. This device is available in the standard 8-pin plastic DIP, SOIJ and DFN packages.

## Features

Reliable EEPROM Memory

64K x 8 (512 Kbit)

128-Byte Page Write Buffer

Page Write Time 5 ms Max.

Hardware Write-Protect Pin

Factory Programming Available

Low Power

Operating voltage 1.7V to 5.5V

Read current 400 uA, max.

Standby current 1 uA, max.

2-Wire Serial Interface, I2C™ Compatible

Cascadable up to Eight Devices

100 kHz and 400 kHz Clock Compatible

Pb-Free and RoHS Compliant

## 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