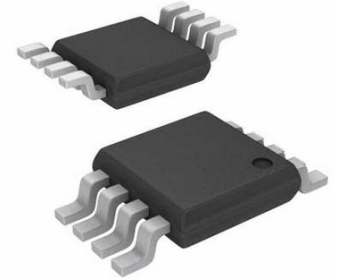


EEPROM Serial-I2C 512K-bit 64K x 8 1.8V/2.5V/3.3V/5V 8-Pin TSSOP Tube



Images are for reference only

[Inquiry](#)

Manufacturer: [Microchip Technology, Inc](#)

Package/Case: TSSOP-8

Product Type: Memory

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The Microchip Technology Inc. 24AA512 is a 512Kb (64K x 8) Serial Electrically Erasable PROM (EEPROM), capable of operation across a broad voltage range (1.7V 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.

Key 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

Recommended For You

AT24C64D-SSHMT

Microchip Technology, Inc
SOP8

AT24C128C-MAHMT

Microchip Technology, Inc
UDFN-8

AT24C08C-SSHMT

Microchip Technology, Inc
SOP8

AT24C04C-PUM

Microchip Technology, Inc
DIP8

AT24C256C-SSHL-T

Microchip Technology, Inc
SOP8

AT24C02C-XHM-T

Microchip Technology, Inc
TSSOP8

AT24C02C-XHM-B

Microchip Technology, Inc
TSSOP8

AT24C32D-SSHMT

Microchip Technology, Inc
SOP8

AT24C02C-SSHMT

Microchip Technology, Inc
SOP8

AT24C16C-SSHMT-B

Microchip Technology, Inc
SOP-8

AT24C02C-STUM-T

Microchip Technology, Inc
SOT23-5

24LC01B-I/SN

Microchip Technology, Inc
SOP8

25AA1024-I/SM

Microchip Technology, Inc
SOP8

AT24C01C-SSHMT

Microchip Technology, Inc
SOP8

25AA1024T-I/MF

Microchip Technology, Inc
DFN-8