

24AA256 Series 256 Kbit (32K X 8) 5.5 V SMT I2C CMOS Serial EEPROM - TSSOP-8

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



Images are for reference only

Please submit RFQ for 24AA256T-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. 24AA256 is a 256Kb (32K 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 or data acquisition. This device also has a page write capability of up to 64 bytes of data. This device is capable of both random and sequential reads up to the 256K boundary. Functional address lines allow up to eight devices on the same bus, for up to 2 Mbit address space.

Features

Reliable EEPROM Memory

32K x 8 (256Kbit)

64-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



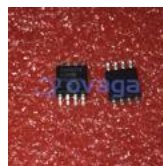
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