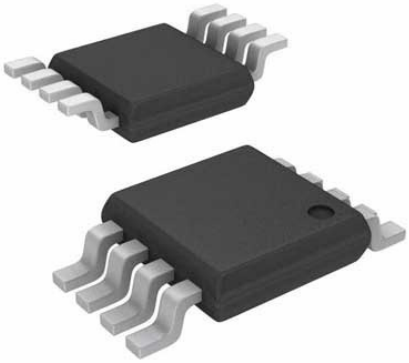
24FC256-I/MS

Data Sheet

EEPROM Serial-I2C 256K-bit 32K x 8 1.8V/2.5V/3.3V/5V 8-Pin MSOP Tube

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



Images are for reference only

Please submit RFQ for 24FC256-I/MS or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

The Microchip Technology Inc. 24FC256 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. This device is available in the standard 8-pin plastic DIP, SOIC, TSSOP, MSOP and DFN packages.

Features

Reliable EEPROM Memory

32K x 8 (256Kbit)

Self-Timed Erase/Write Cycle

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

Schmitt Trigger Inputs for Noise Suppression

Output Slope Control to Eliminate Ground Bounce

400 kHz and 1MHz Clock Compatible

ESD Protection >4000V

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