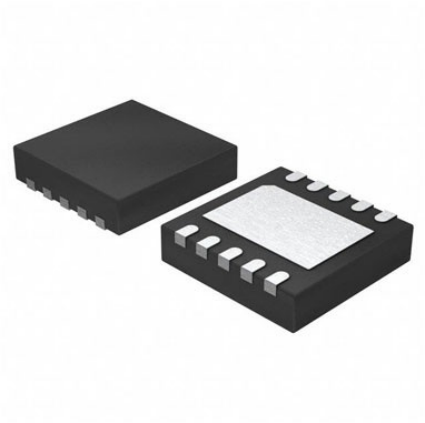
24AA024T-I/MNY

Data Sheet

EEPROM, 2 Kbit, 256 x 8bit, Serial I2C (2-Wire), 400 kHz, TDFN, 8 Pins

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



Images are for reference only

Please submit RFQ for 24AA024T-I/MNY or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

The Microchip Technology Inc. 24AA024 is a 2Kb Serial EEPROM with a voltage range of 1.7V to 5.5V. The device is organized as a single block of 256 x 8-bit memory with a 2-wire serial interface. Low current design permits operation with typical standby and active currents of only 1 µA and 1 mA, respectively. The device has a page write capability for up to 16 bytes of data. Functional address lines allow the connection of up to eight 24AA024 devices on the same bus for up to 16K bits of contiguous EEPROM memory. The device is available in the standard 8-pin PDIP, 8-pin SOIC (3.90 mm), TSSOP, 2x3 DFN and TDFN and MSOP packages.

Features

Single supply with operation from 1.7V to 5.5V

Low-power CMOS technology:

2-wire serial interface, I2C™ compatible

Cascadable up to eight devices

Schmitt Trigger inputs for noise suppression

Output slope control to eliminate ground bounce

100 kHz and 400 kHz clock compatibility

Page write time 5 ms maximum

Self-timed erase/write cycle

16-byte page write buffer

Hardware write-protect

More than 1 million erase/write cycles

Data retention >200 years

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