EEPROM Serial-SPI 1M-bit 128K x 8 2.5V/3.3V/5V Automotive 8-Pin SOIJ Tube

Manufacturer:	Microchip Technology, Inc
Package/Case:	SOP8
Product Type:	Memory
RoHS:	RoHS Compliant/Lead free RoHS
Lifecycle:	Active

Images are for reference only

Inquiry

General Description

The Microchip 25AA1024 is a 1 Mb Serial EEPROM utilizing the industry standard Serial Peripheral Interface (SPI) compatible serial bus. The device is organized as one block of 128K x 8-bit and is optimized for use in consumer electronics, industrial, medical, and automotive applications where reliable and dependable nonvolatile memory storage is essential. Software write protection allows the user to protect ¼, ½, or the entire memory array. A hardware write protect pin is also provided, which additionally protects against inadvertent writes to the status register. The EEPROM is available in a variety of space-saving packaging options.

Key Features

Low-power CMOS technology

Electronic signature for device ID

Self-timed erase and write cycles

6ms Maximum write cycle time

Sector write protection (32kB/sector)

Built-in write protection

High reliability

7mA at 5.5V Maximum write current

10mA at 5.5V/20MHz Maximum read current

1μA at 2.5V, 85°C (deep power-down) Standby current

Recommended For You

SST25VF080B-50-4C-S2AF

Microchip Technology, Inc

SOP8

AT25256B-SSHL-T

Microchip Technology, Inc

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AT24C256C-SSHL-T

Microchip Technology, Inc

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AT25040B-SSHL-B

Microchip Technology, Inc

SOP-8

AT25128B-SSPDGV-T

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23K256-I/SN

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AT27C256R-70JU

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PLCC32

AT25320B-SSHL-T

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25AA1024T-I/MF

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DFN-8

AT25512N-SH-T

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25LC1024-I/SM

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25AA256T-I/SN

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25LC640A-I/SN

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AT25640B-SSHL-T

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25LC512-I/SN

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