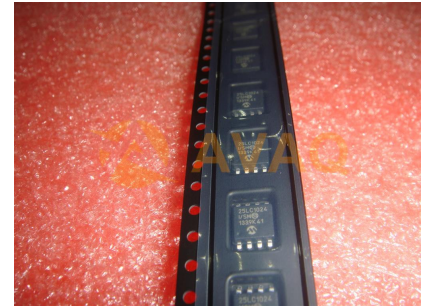


EEPROM Serial-SPI 1M-bit 128K x 8 3.3V/5V 8-Pin SOIJ Tube



Images are for reference only

[Inquiry](#)

Manufacturer: [Microchip Technology, Inc](#)

Package/Case: SOP8

Product Type: Memory

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The Microchip 25LC1024 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 $\frac{1}{4}$, $\frac{1}{2}$, 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

Maximum clock speed is 20MHz

Supply voltage range from 2.5V to 5.5V

Byte and page level write operations

Low power CMOS technology

Electronic signature for device ID

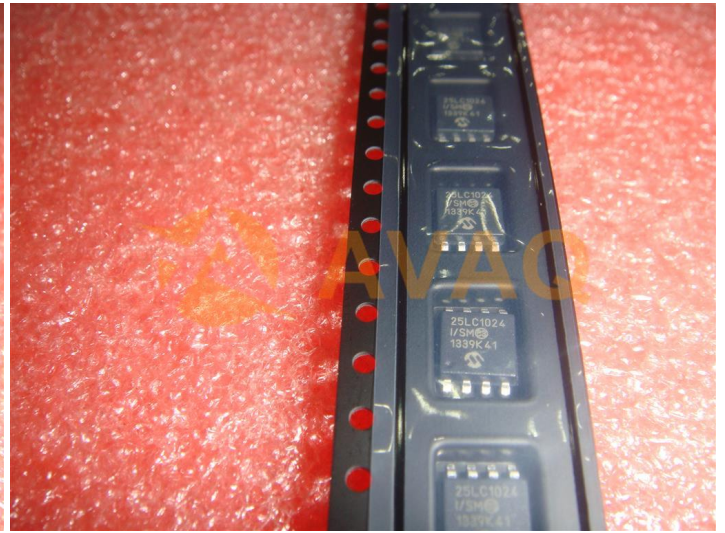
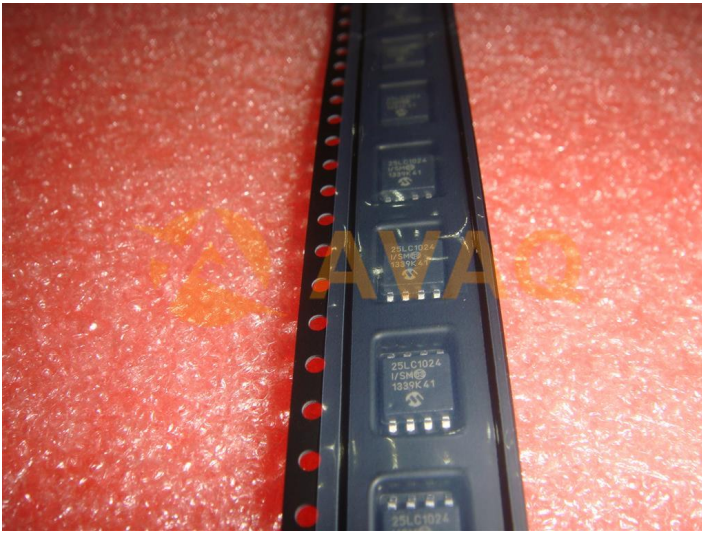
Self timed erase and write cycles

Sector write protection (32Kbyte/sector)

Built-in write protection

High reliability

Operating temperature range -40°C to 85°C



Recommended For You

SST25VF080B-50-4C-S2AF

Microchip Technology, Inc
SOP8

AT25256B-SSHL-T

Microchip Technology, Inc
SOP8

AT24C256C-SSHL-T

Microchip Technology, Inc
SOP8

AT25040B-SSHL-B

Microchip Technology, Inc
SOP-8

AT25128B-SSPDGV-T

Microchip Technology, Inc
SOP8

23K256-I/SN

Microchip Technology, Inc
SOP8

AT27C256R-70JU

Microchip Technology, Inc
PLCC32

25AA1024-I/SM

Microchip Technology, Inc
SOP8

AT25320B-SSHL-T

Microchip Technology, Inc
SOP8

25AA1024T-I/MF

Microchip Technology, Inc
DFN-8

AT25512N-SH-T

Microchip Technology, Inc
SOP8

25AA256T-I/SN

Microchip Technology, Inc
SOP8

25LC640A-I/SN

Microchip Technology, Inc
SOP8

AT25640B-SSHL-T

Microchip Technology, Inc
SOP8

25LC512-I/SN

Microchip Technology, Inc
SOP8