

EEPROM Serial-I2C 1M-bit 128K x 8 2.5V/3.3V/5V 8-Pin SOIC N T/R

Manufacturers	<a href="#">Microchip Technology, Inc</a>
Package/Case	SOIC-8
Product Type	Memory
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for 24FC1025T-I/SN 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. 24FC1025 is a 1024Kb (128K x 8) Serial Electrically Erasable PROM (EEPROM), capable of operation across a broad voltage range (1.8V to 5.5V). It has been developed for advanced, low-power applications such as personal communications or data acquisition. This device has both byte write and page write capability of up to 128 bytes of data. This device is capable of both random and sequential reads. Reads may be sequential within address boundaries 0000h to FFFFh and 10000h to 1FFFFh. Functional address lines allow up to four devices on the same data bus. This allows for up to 4 Mbits total system EEPROM memory. This device is available in the standard 8-pin PDIP and SOIJ packages.

## Features

Reliable EEPROM Memory

128K x 8 (1024 Kbit)

128-Byte Page Write Buffer

Page Write Time 5 ms Max.

Hardware Write-Protect Pin

Factory Programming Available

Low Power

Operating voltage 1.8V to 5.5V

Read current 450 uA, max.

Standby current 5 uA, max.

2-Wire Serial Interface, I2C™ Compatible

Cascadable up to Four Devices

1 MHz Clock Compatible

Pb-Free and RoHS Compliant

## Related Products



### [AT24CM02-SSHM-B](#)

Microchip Technology, Inc  
SOIC-8



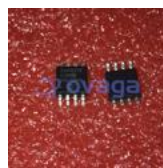
### [AT24CM02-SSHD-B](#)

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