

1 MBIT (128KB X8) UV EPROM AND OTP EPROM, EPROM 1M (128Kx8) 100ns

Manufacturers	<a href="#">STMicroelectronics, Inc</a>
Package/Case	PDIP-32
Product Type	Memory
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for M27C1001-10B1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The M27C1001-10B1 is an EPROM chip that allows for non-volatile storage of digital data. It uses ultraviolet (UV) light for erasing the stored data and can be reprogrammed multiple times.

## Features

The specific features of the M27C1001-10B1 may include:

**Storage Capacity:** The chip has a storage capacity of 1 megabit (Mb) or 128 kilobytes (KB), providing ample space for storing data.

**EPROM Technology:** It uses EPROM technology, allowing for reprogramming of the chip after erasure.

**High-Speed Operation:** The M27C1001-10B1 operates at high speeds, enabling fast access and read times for data retrieval.

**Low Power Consumption:** The chip is designed to minimize power consumption, making it suitable for battery-operated or power-sensitive applications.

**Extended Temperature Range:** It can operate reliably across an extended temperature range, ensuring functionality in various environmental conditions.

**Multiple Programming Modes:** The M27C1001-10B1 may support various programming modes, such as byte-wise or word-wise programming.

**Data Retention:** The stored data is retained even when the power supply is disconnected, ensuring data integrity over time.

## Application

**Firmware Storage:** Used in systems where firmware needs to be stored in a non-volatile memory, such as microcontrollers, embedded systems, and computer peripherals.

**Legacy System Support:** Employed in older systems or equipment that rely on EPROM technology for program storage and data retention.

**Prototype Development:** Found in prototyping and development boards for storing and testing firmware during the design and debugging phase.

**Industrial Control Systems:** Utilized in industrial control systems, automation equipment, and process control applications for program storage and data retention.

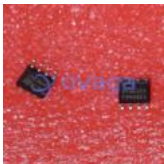
**Retro Gaming:** Used in retro gaming consoles or devices that rely on EPROM chips for storing game data or firmware.







## Related Products



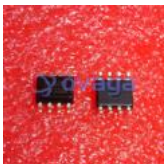
### [M24C16-WMN6P](#)

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SOIC-8



### [M24C16-RDW6TP](#)

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### [M24512-DFMN6TP](#)

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### [M25PE16-VMW6TG](#)

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### [M29W320EB70N6F](#)

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TSOP-48



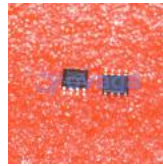
### [M29F032D-70N6](#)

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[M24C02-FMC6TG](#)

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[M24C04-WMN6P](#)

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