

Manufacturers	STMicroelectronics, Inc
Package/Case	DIP-28
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for M27C512-12F1L or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

M27C512-12F1L is a specific type of EPROM (Erasable Programmable Read-Only Memory) chip manufactured by STMicroelectronics, a semiconductor company. Here are some details about the M27C512-12F1L:

Features

It has a capacity of 512 kilobits (64 kilobytes) of memory.

It operates with a 5V power supply.

It has a 12 ns access time, which refers to the time it takes for the chip to output data after receiving a request.

It is a one-time programmable (OTP) memory, which means that its contents can be programmed by the user but cannot be erased or reprogrammed after programming.

Application

The M27C512-12F1L EPROM is commonly used in embedded systems, microcontrollers, and other electronic devices that require non-volatile memory to store data or firmware.

It can be used in applications where data needs to be stored even when the power is turned off, such as in boot code, configuration data, and firmware storage.

It can be used for code storage in various types of devices, including industrial controls, automotive electronics, consumer electronics, and more.



Related Products



[M28F201-120N1](#)

STMicroelectronics, Inc
TSSOP32



[M28W640FST70ZA6](#)

STMicroelectronics, Inc
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[M29W128GL70N6](#)

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TSOP-56



[M24C16-WMN3TP](#)

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SOP-8



[M27C1001-10F1L](#)

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DIP-32



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MLP8



[M22100BE](#)

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DIP-16



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FBGA48