

128 Mbit, 256 Mbit, 512 Mbit, 1 Gbit (x8/x16) 528 Byte/264 Word Page, 1.8V/3V, NAND Flash Memories,Flash 2.7-3.6V 512M(64Mx8)

Manufacturers	STMicroelectronics, Inc
Package/Case	TSOP-1-48
Product Type	Memory
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for NAND512W3A2BN6E or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The NAND512W3A2BN6E is a NAND Flash memory device used for data storage in various electronic systems. It provides non-volatile storage, meaning the data is retained even when power is removed.

Features

Application

It has a capacity of 512 megabytes.

Consumer Electronics: Used in devices such as smartphones, tablets, digital cameras, USB drives, and portable media players for data storage and firmware updates.

It uses a NAND interface for data transfer.

Embedded Systems: Employed in embedded systems for program storage, configuration data, and firmware updates in applications such as industrial automation, automotive, and medical devices.

It operates with a supply voltage of 2.7V to 3.6V.

Solid-State Drives (SSDs): Utilized as storage components in SSDs, providing high-speed data access and reliable storage for computers and servers.

It has a page size of 2KB and a block size of 128 pages.

Networking Equipment: Found in network routers, switches, and servers for firmware storage and data caching.

It has a maximum data transfer rate of 52 megabytes per second.

Industrial Control: Used in industrial control systems and automation equipment for program storage and data logging.

Automotive Electronics: Employed in automotive applications for storing firmware, calibration data, and other non-volatile information.

Smart Grid Systems: Utilized in energy metering and monitoring systems for data storage and firmware updates.

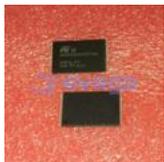


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TSOP-48



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