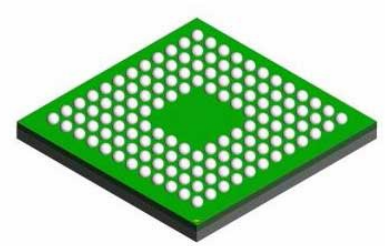# Ovaga

Flash Memory, Parallel NOR, 256 Mbit, 32M x 8bit, CFI, Parallel, FBGA, 64 Pins New

Manufacturers	Infineon Technologies Corporation
Package/Case	FBGA-64
Product Type	Memory
RoHS	Rohs
Lifecycle	

Images are for reference only

Please submit RFQ for S29GL256S90DHI010 or Email to us: sales@ovaga.com We will contact you in 12 hours.   RFQ

General Description

The S29GL256S90DHI010 is a high-performance, non-volatile memory device that provides reliable and fast read and write operations. It is based on NOR Flash technology, which allows random access to data stored in the memory array.

Features

Organization: The S29GL256S90DHI010 is organized as 32 sectors of 64K bytes each, offering a total of 2 megabytes of storage capacity.

Voltage Range: It operates with a supply voltage range from 2.7V to 3.6V, making it compatible with a wide range of system designs.

High-Speed Performance: The device supports fast random read access and burst program operations, enabling efficient data transfer and programming.

Erase Suspend/Erase Resume: It provides the capability to suspend an erase operation temporarily and resume it later, allowing flexibility in programming and erase operations.

Unlock Bypass Program: The device supports a program command that bypasses the need for a separate unlock command, simplifying the programming process.

Data Protection: It offers various hardware and software protection features, including sector protection and block locking, to prevent unintended modification of data.

Reliable Performance: The S29GL256S90DHI010 ensures high reliability with a minimum of 100,000 erase/program cycles and data retention of at least 20 years.

Application

Embedded Systems: It is suitable for storing firmware, boot code, and other critical data in microcontroller-based systems and embedded devices.

Automotive Electronics: The device finds applications in automotive systems such as engine control units, infotainment systems, and instrument clusters for program storage and data storage.

Industrial Automation: It is used in industrial control systems, robotics, and automation equipment for program storage and data storage requirements.

Networking and Communication: The NOR Flash memory is utilized in networking devices, routers, switches, and telecommunications equipment for firmware storage and data storage.

Related Products

S29GL064S70TFI040

Infineon Technologies Corporation

Tube

S29GL01GS10TFI010

Infineon Technologies Corporation

TSOP-56

S29GL512S11TFI020

Infineon Technologies Corporation

TSSOP-56

S29GL256P11TFI010

Infineon Technologies Corporation

TSOP-56

S29GL128S90TFI010

Infineon Technologies Corporation

TSOP-56

S29GL128S10TFIV20

Infineon Technologies Corporation

TSOP-56

S29GL01GT10TFI010

Infineon Technologies Corporation

56-TFSOP (0.724", 18.40mm Width)

S29GL064S70TFI020

Infineon Technologies Corporation

56-TFSOP (0.724", 18.40mm Width)