


NOR Flash Serial (SPI, Dual SPI, Quad SPI) 3V/3.3V 32M-bit 4M x 8 6ns 16-Pin SOIC W Tube

Manufacturer:	Winbond Electronics Corporation America
Package/Case:	SOP-16
Product Type:	Memory
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The W25Q32JV-SFIQ is a serial flash memory chip manufactured by Winbond Electronics Corporation. It is part of the W25Q series and offers 32 Megabits (4 Megabytes) of storage capacity. This flash memory chip is widely used in various applications that require non-volatile storage.

Key Features

32 Megabits (4 Megabytes) of Memory: The chip provides a total of 32 megabits of storage, organized into multiple memory sectors, typically with 4KB sector sizes.

Serial Flash Interface: The chip uses a Serial Peripheral Interface (SPI) for communication with the microcontroller or host device, allowing for easy integration and control.

High-Speed Read and Write Operations: The W25Q32JV-SFIQ supports high-speed read and write operations, making it suitable for applications that require quick access to data.

Wide Operating Voltage Range: The chip operates over a broad voltage range, making it compatible with various power supply levels.

Low Power Consumption: The flash memory chip is designed for low power consumption, making it suitable for power-sensitive applications.

Dual and Quad SPI Modes: The W25Q32JV-SFIQ supports both dual and quad SPI modes, allowing for faster data transfer rates compared to standard SPI.

Security Features: It may include security features like hardware and software write protection to prevent unauthorized access or modification of data.

Application

Embedded Systems

Consumer Electronics

Networking Devices

Industrial Automation

Automotive Electronics

Recommended For You

W25X40CLSNIQ

Winbond Electronics Corporation America

SOP8

W25Q16JVSSIQ

Winbond Electronics Corporation America

SOP8

W25Q32JVZPIQ

Winbond Electronics Corporation America

WSON8

W25Q128JVSIM

Winbond Electronics Corporation America
SOP8

W25Q64JVSSIM TR

Winbond Electronics Corporation America
SOP8

W25Q20EWSNIG

Winbond Electronics Corporation America
SOP8

W25X40CLSNIG TR

Winbond Electronics Corporation America
SOP8

W25Q40CLSNIG

Winbond Electronics Corporation America
SOP8

W25Q128JVPIQ TR

Winbond Electronics Corporation America
8-WDFN

W25Q80EWSNIG

Winbond Electronics Corporation America
SOP8

W25Q256JVFIQ

Winbond Electronics Corporation America
SOP16

W25Q128JVEIQ

Winbond Electronics Corporation America
WSON8

W25Q16JVSNIQ TR

Winbond Electronics Corporation America
SOP8

W25Q80DVZPIG

Winbond Electronics Corporation America
WSON8

W25Q40EWSNIG

Winbond Electronics Corporation America
SOP8