



Product

[Mobile DRAM](#)[Specialty DRAM](#)

■ Code Storage Flash Memory

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- ▶ [Parallel NOR Flash](#)
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W25Q256JW

256M-bit Serial Flash Memory with uniform 4KB sectors and Dual/Quad SPI

■ Features

Single/Dual/Quad SPI operations
3 or 4-Byte Addressing Modes
Uniform 4KB erasable sectors & 32KB/64KB erasable blocks
131,072 pages (256 bytes), page program in 0.7mS (typ.)
Continuous Read with 8/16/32/64 Byte Wrap
Clock operation up to 133MHz (266/532MHz equivalent with Dual/Quad SPI)
2.7 to 3.6V power supply
<1μA power down current
-40° to +85°C operating range
Program/Erase Suspend/Resume, Suspend Status Bit
Factory-programmed unique ID
Electronic ID with Dual/Quad SPI, Hardware and software write protection for top or bottom blocks
Volatile & Non-volatile Status Register Bits
Lock-Down and OTP protection
Serial Flash Discoverable Parameters (SFDP)
3X256byte Security Registers with OTP locks
Complement Array Protection Bit
Individual Block/Sector Write Protection
Software Reset & Configurable hardware/RESET pin
Programmable output driver strength

■ Package

SOIC16300mil, WSON8 8X6mm, TFBGA24 6X8mm (4x6 Matrix), TFBGA24 6X8mm (5x5 Matrix), WLBGA32

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