

NOR Flash Serial-SPI 3.3V 16M-bit 2M x 8 8ns 8-Pin SOIC

Tube



Images are for reference only

[Inquiry](#)

Manufacturer: [Microchip Technology, Inc](#)

Package/Case: SOP8

Product Type: Memory

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

SST's 25 series Serial Flash family features a four-wire, SPI-compatible interface that allows for a low pin-count package which occupies less board space and ultimately lowers total system costs. The SST25VF016B devices are enhanced with improved operating frequency which lowers power consumption. SST25VF016B SPI serial flash memories are manufactured with SST's proprietary, high-performance CMOS SuperFlash technology. The split-gate cell design and thick-oxide tunneling injector attain better reliability and manufacturability compared with alternate approaches. For Migration Document to SST26VF016B, [click here](#).

For product comparison, please consider: SST26VF016B

Key Features

Serial interface architecture - SPI compatible - mode 0/3

High speed clock frequency - up to 80MHz

Superior reliability

Endurance - 100000 cycles typical

Greater than 100 years data retention

Low power consumption

Flexible erase capability

Fast erase and byte-program

Auto address increment (AAI) programming

Decrease total chip programming time over byte-program operations

End-of-write detection

Software polling the BUSY bit in status register

Busy status readout on SO pin in AAI mode

Hold pin - Suspends a serial sequence to the memory without deselecting the device

Write protection - Enables/disables the lock-down function of the status register

Software write protection - write protection through block-protection bits in status register

Recommended For You

SST39VF1602-70-4I-EKE

Microchip Technology, Inc

TSOP48

SST25VF080B-50-4C-S2AF

Microchip Technology, Inc

SOP8

AT24C64D-SSHMT

Microchip Technology, Inc

SOP8

AT25256B-SSHL-T

Microchip Technology, Inc

SOP8

AT24C08C-SSHMT

Microchip Technology, Inc

SOP8

AT24C256C-SSHL-T

Microchip Technology, Inc

SOP8

AT24C32D-SSHMT

Microchip Technology, Inc

SOP8

AT24C02C-SSHMT

Microchip Technology, Inc

SOP8

AT24C16C-SSHMT-B

Microchip Technology, Inc

SOP-8

AT93C56B-SSHMT

Microchip Technology, Inc

SOP8

AT25040B-SSHL-B

Microchip Technology, Inc

SOP-8

AT25128B-SSPDGV-T

Microchip Technology, Inc

SOP8

SST39SF040-70-4C-WHE

Microchip Technology, Inc

TSOP

SST39SF010A-70-4C-NHE

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PLCC32

SST26VF016-80-5I-S2AE

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SOP8