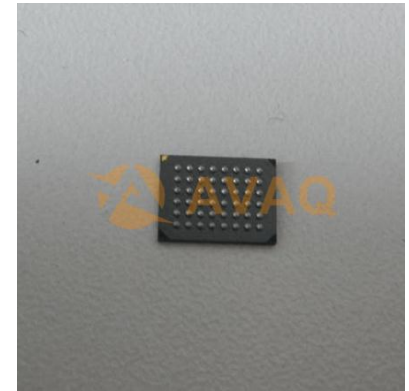



NOR Flash Parallel 3.3V 16M-bit 1M x 16 70ns 48-Pin TFBGA Tray



Images are for reference only

Manufacturer:	Microchip Technology, Inc
Package/Case:	BGA
Product Type:	Memory
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	NRND

[Inquiry](#)

General Description

The SST39VF1601 device is 1M x16 and 2M x16, respectively, CMOS Multi-Purpose Flash Plus (MPF+) 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.

The SST39VF1601 writes (Program or Erase) with a 2.7-3.6V power supply. This device conforms to JEDEC standard pinouts for x16 memories.

Key Features

Organized as 1M x16: SST39VF1601/1602

Low Power Consumption (typical values at 5 MHz)– Active Current: 9 mA (typical)– Standby Current: 3 μ A (typical)– Auto Low Power Mode: 3 μ A (typical)

Hardware Block-Protection/WP# Input Pin– Top Block-Protection (top 32 KWord)for SST39VF1602– Bottom Block-Protection (bottom 32 KWord)for SST39VF1601

Sector-Erase Capability– Uniform 2 KWord sectors

Block-Erase Capability– Uniform 32 KWord blocks

Chip-Erase Capability

Erase-Suspend/Erase-Resume Capabilities

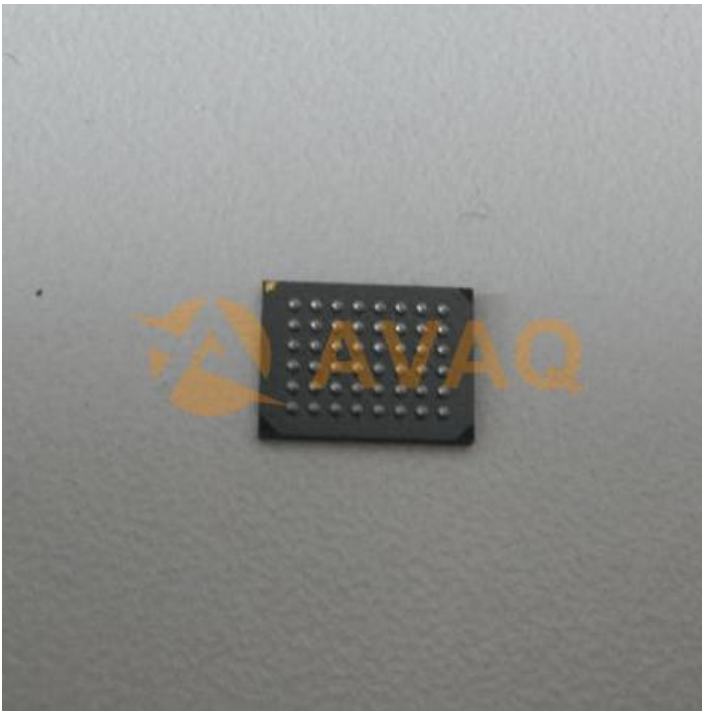
Hardware Reset Pin (RST#)

Security-ID Feature– SST: 128 bits; User: 128 bits

Fast Erase and Word-Program:– Sector-Erase Time: 18 ms (typical)– Block-Erase Time: 18 ms (typical)– Chip-Erase Time: 40 ms (typical)– Word-Program Time: 7 μ s (typical)

Packages Available– 48-lead TSOP (12mm x 20mm)– 48-ball TFBGA (6mm x 8mm)

All non-Pb (lead-free) devices are RoHS compliant



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

Microchip Technology, Inc
PLCC32

SST26VF016-80-5I-S2AE

Microchip Technology, Inc
SOP8