Product Selection Guide

Fall 2010

Silicon Storage Technology, Inc.

THINK BEYOND FLASH...

Think SuperFlash®

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PARALLEL FLASH MEMORY

Ordering Number	Description	Spd. (ns)	Voltage (V)	Pin Count	Package
512 Kbit					
SST39VF512-70-4C-NHE	64K x8, 4 KB Sector	70	2.7-3.6	32L	PLCC
SST39VF512-70-4C-WHE	64K x8, 4 KB Sector	70	2.7-3.6	32L	TSOP
1 Mbit					
SST39LF010-55-4C-NHE	128K x8, 4 KB Sector	55	3.0-3.6	32L	PLCC
SST39LF010-55-4C-WHE	128K x8, 4 KB Sector	55	3.0-3.6	32L	TSOP
SST39LF010-55-4C-B3KE	128K x8, 4 KB Sector	55	3.0-3.6	48B	TFBGA
SST39LF010-55-4C-MME	128K x8, 4 KB Sector	55	3.0-3.6	34B	WFBGA
SST39SF010A-55-4C-NHE	128K x8, 4 KB Sector	55	4.5-5.5	32L	PLCC
SST39SF010A-55-4I-NHE	128K x8, 4 KB Sector	55	4.5-5.5	32L	PLCC
SST39SF010A-70-4C-NHE	128K x8, 4 KB Sector	70	4.5-5.5	32L	PLCC
SST39SF010A-70-4I-NHE	128K x8, 4 KB Sector	70	4.5-5.5	32L	PLCC
SST39SF010A-70-4C-WHE	128K x8, 4 KB Sector	70	4.5-5.5	32L	TSOP
SST39SF010A-70-4I-WHE	128K x8, 4 KB Sector	70	4.5-5.5	32L	TSOP
SST39SF010A-70-4C-PHE	128K x8, 4 KB Sector	70	4.5-5.5	32L	PDIP
SST39VF010-70-4I-NHE	128K x8, 4 KB Sector	70	2.7-3.6	32L	PLCC
SST39VF010-70-4C-WHE	128K x8, 4 KB Sector	70	2.7-3.6	32L	TSOP
SST39VF010-70-4I-WHE	128K x8, 4 KB Sector	70	2.7-3.6	32L	TSOP
SST39VF010-70-4C-B3KE	128K x8, 4 KB Sector	70	2.7-3.6	48B	TFBGA
2 Mbit					
SST39LF020-55-4C-NHE	256K x8, 4 KB Sector	55	3.0-3.6	32L	PLCC
SST39LF020-55-4C-WHE	256K x8, 4 KB Sector	55	3.0-3.6	32L	TSOP
SST39LF020-55-4C-B3KE	256K x8, 4 KB Sector	55	3.0-3.6	48B	TFBGA
SST39LF020-55-4C-MME	256K x8, 4 KB Sector	55	3.0-3.6	34B	WFBGA
SST39SF020A-55-4C-NHE	256K x8, 4 KB Sector	55	4.5-5.5	32L	PLCC
SST39SF020A-55-4C-WHE	256K x8, 4 KB Sector	55	4.5-5.5	32L	TSOP
SST39SF020A-70-4C-NHE	256K x8, 4 KB Sector	70	4.5-5.5	32L	PLCC
SST39SF020A-70-4I-NHE	256K x8, 4 KB Sector	70	4.5-5.5	32L	PLCC
SST39SF020A-70-4C-WHE	256K x8, 4 KB Sector	70	4.5-5.5	32L	TSOP
SST39SF020A-70-4C-PHE	256K x8, 4 KB Sector	70	4.5-5.5	32L	PDIP
SST39VF020-70-4C-NHE	256K x8, 4 KB Sector	70	2.7-3.6	32L	PLCC
SST39VF020-70-4I-NHE	256K x8, 4 KB Sector	70	2.7-3.6	32L	PLCC
SST39VF020-70-4C-WHE	256K x8, 4 KB Sector	70	2.7-3.6	32L	TSOP
SST39VF020-70-4I-WHE	256K x8, 4 KB Sector	70	2.7-3.6	32L	TSOP
SST39VF020-70-4C-B3KE	256K x8, 4 KB Sector	70	2.7-3.6	48B	TFBGA
SST39LF200A-55-4C-B3KE	128K x16, 2 KW Sector	55	3.0-3.6	48B	TFBGA
SST39LF200A-55-4C-EKE	128K x16, 2 KW Sector	55	3.0-3.6	48L	TSOP
SST39VF200A-70-4C-B3KE	128K x16, 2 KW Sector	70	2.7-3.6	48B	TFBGA
SST39VF200A-70-4C-EKE	128K x16, 2 KW Sector	70	2.7-3.6	48L	TSOP
SST39VF200A-70-4I-EKE	128K x16, 2 KW Sector	70	2.7-3.6	48L	TSOP
SST39VF200A-70-4C-M1QE	128K x16, 2 KW Sector	70	2.7-3.6	48B	WFBGA

PARALLEL FLASH MEMORY

4 Mbit					
Ordering Number	Description	Spd. (ns)	Voltage (V)	Pin Count	Package
SST39LF040-55-4C-NHE	512K x8, 4 KB Sector	55	3.0-3.6	32L	PLCC
SST39LF040-55-4C-WHE	512K x8, 4 KB Sector	55	3.0-3.6	32L	TSOP
SST39LF040-55-4C-B3KE	512K x8, 4 KB Sector	55	3.0-3.6	48B	TFBGA
SST39SF040-55-4C-NHE	512K x8, 4 KB Sector	55	4.5-5.5	32L	PLCC
SST39SF040-55-4C-WHE	512K x8, 4 KB Sector	55	4.5-5.5	32L	TSOP
SST39SF040-70-4C-NHE	512K x8, 4 KB Sector	70	4.5-5.5	32L	PLCC
SST39SF040-70-4C-PHE	512K x8, 4 KB Sector	70	4.5-5.5	32L	PDIP
SST39SF040-70-4C-WHE	512K x8, 4 KB Sector	70	4.5-5.5	32L	TSOP
SST39VF040-70-4C-NHE	512K x8, 4 KB Sector	70	2.7-3.6	32L	PLCC
SST39VF040-70-4I-NHE	512K x8, 4 KB Sector	70	2.7-3.6	32L	PLCC
SST39VF040-70-4C-WHE	512K x8, 4 KB Sector	70	2.7-3.6	32L	TSOP
SST39VF040-70-4I-WHE	512K x8, 4 KB Sector	70	2.7-3.6	32L	TSOP
SST39VF040-70-4C-B3KE	512K x8, 4 KB Sector	70	2.7-3.6	48B	TFBGA
SST39LF400A-55-4C-B3KE	256K x16, 2 KW Sector	55	3.0-3.6	48B	TFBGA
SST39LF400A-55-4C-EKE	256K x16, 2 KW Sector	55	3.0-3.6	48L	TSOP
SST39VF400A-70-4C-B3KE	256K x16, 2 KW Sector	70	2.7-3.6	48B	TFBGA
SST39VF400A-70-4I-B3KE	256K x16, 2 KW Sector	70	2.7-3.6	48B	TFBGA
SST39VF400A-70-4C-EKE	256K x16, 2 KW Sector	70	2.7-3.6	48L	TSOP
SST39VF400A-70-4I-EKE	256K x16, 2 KW Sector	70	2.7-3.6	48L	TSOP
SST39VF400A-70-4C-M1QE	256K x16, 2 KW Sector	70	2.7-3.6	48B	WFBGA
SST39VF400A-70-4I-M1QE	256K x16, 2 KW Sector	70	2.7-3.6	48B	WFBGA
SST39VF400A-70-4C-MAQE	256K x16, 2 KW Sector	70	2.7-3.6	48B	WFBGA
SST39VF400A-70-4I-MAQE	256K x16, 2 KW Sector	70	2.7-3.6	48B	WFBGA
SST39WF400B-70-4C-B3KE	256K x16, 2 KW Sector	70	1.65-1.95	48B	TFBGA
SST39WF400B-70-4I-B3KE	256K x16, 2 KW Sector	70	1.65-1.95	48B	TFBGA
SST39WF400B-70-4C-M1QE	256K x16, 2 KW Sector	70	1.65-1.95	48B	WFBGA
SST39WF400B-70-4I-M1QE	256K x16, 2 KW Sector	70	1.65-1.95	48B	WFBGA
SST39WF400B-70-4C-MAQE	256K x16, 2 KW Sector	70	1.65-1.95	48B	WFBGA
SST39WF400B-70-4-MAQE	256K x16, 2 KW Sector	70	1.65-1.95	48B	WFBGA
SST39WF400B-70-4C-CAQE	256K x16, 2 KW Sector	70	1.65-1.95	48B	XFLGA
SST39WF400B-70-4I-CAQE	256K x16, 2 KW Sector	70	1.65-1.95	48B	XFLGA
8 Mbit					
SST39LF800A-55-4C-EKE	512K x 16, 2 KW Sector	55	3.0-3.6	48L	TSOP
SST39LF800A-55-4C-B3KE	512K x 16, 2 KW Sector	55	3.0-3.6	48B	TFBGA
SST39VF800A-70-4A-B3KE	512K x 16, 2 KW Sector (Auto Grade)	70	2.7-3.6	48B	TFBGA
SST39VF800A-70-4I-B3KE-TZ009	512K x 16, 2 KW Sector (Auto Grade)	70	2.7-3.6	48B	TFBGA
SST39VF800A-70-4A-EKE	512K x 16, 2 KW Sector (Auto Grade)	70	2.7-3.6	48L	TSOP
SST39VF800A-70-4I-EKE-TZ009	512K x 16, 2 KW Sector (Auto Grade)	70	2.7-3.6	48L	TSOP
SST39VF800A-70-4C-B3KE	512K x 16, 2 KW Sector	70	2.7-3.6	48B	TFBGA
SST39VF800A-70-4I-B3KE	512K x 16, 2 KW Sector	70	2.7-3.6	48B	TFBGA

PARALLEL FLASH MEMORY

8 Mbit (Continued)					
Ordering Number	Description	Spd. (ns)	Voltage (V)	Pin Count	Package
SST39VF800A-70-4C-EKE	512K x 16, 2 KW Sector	70	2.7-3.6	48L	TSOP
SST39VF800A-70-4I-EKE	512K x 16, 2 KW Sector	70	2.7-3.6	48L	TSOP
SST39VF800A-70-4C-M1QE	512K x 16, 2 KW Sector	70	2.7-3.6	48B	WFBGA
SST39VF800A-70-4I-M1QE	512K x 16, 2 KW Sector	70	2.7-3.6	48B	WFBGA
SST39VF800A-70-4C-MAQE	512K x 16, 2 KW Sector	70	2.7-3.6	48B	WFBGA
SST39VF800A-70-4I-MAQE	512K x 16, 2 KW Sector	70	2.7-3.6	48B	WFBGA
SST39WF800B-70-4C-B3KE	512K x 16, 2 KW Sector	70	1.65-1.95	48B	TFBGA
SST39WF800B-70-4I-B3KE-TZ009	512K x 16, 2 KW Sector (Auto Grade)	70	1.65-1.95	48B	TFBGA
SST39WF800B-70-4C-MAQE	512K x 16, 2 KW Sector	70	1.65-1.95	48B	WFBGA
SST39WF800B-70-4I-MAQE	512K x 16, 2 KW Sector	70	1.65-1.95	48B	WFBGA
SST39WF800B-70-4C-CAQE	512K x 16, 2 KW Sector	70	1.65-1.95	48B	XFLGA
SST39WF800B-70-4I-CAQE	512K x 16, 2 KW Sector	70	1.65-1.95	48B	XFLGA
16 Mbit					
SST39VF1601C-70-4C-MAQE	1M x16, Bottom Boot	70	2.7-3.6	48L	WFBGA
SST39VF1601C-70-4I-MAQE	1M x16, Bottom Boot	70	2.7-3.6	48L	WFBGA
SST39VF1601C-70-4C-EKE	1M x16, Bottom Boot	70	2.7-3.6	48L	TSOP
SST39VF1601C-70-4I-EKE	1M x16, Bottom Boot	70	2.7-3.6	48L	TSOP
SST39VF1601C-70-4C-B3KE	1M x16, Bottom Boot	70	2.7-3.6	48B	TFBGA
SST39VF1601C-70-4I-B3KE	1M x16, Bottom Boot	70	2.7-3.6	48B	TFBGA
SST39VF1601-70-4A-EKE	1M x16, 2 KW Sector, Bottom Boot (Auto Grade)	70	2.7-3.6	48L	TSOP
ST39VF1601-70-4I-EKE-TZ009	1M x16, 2 KW Sector, Bottom Boot (Auto Grade)	70	2.7-3.6	48L	TSOP
SST39VF1601-70-4A-B3KE	1M x16, 2 KW Sector, Bottom Boot (Auto Grade)	70	2.7-3.6	48B	TFBGA
SST39VF1601-70-4I-B3KE-TZ009	1M x16, 2 KW Sector, Bottom Boot (Auto Grade)	70	2.7-3.6	48B	TFBGA
SST39VF1602C-70-4C-MAQE	1M x16, 2 KW Sector, Top Boot	70	2.7-3.6	48L	WFBGA
SST39VF1602C-70-4I-MAQE	1M x16, 2 KW Sector, Top Boot	70	2.7-3.6	48L	WFBGA
SST39VF1602C-70-4C-EKE	1M x16, 2 KW Sector, Top Boot	70	2.7-3.6	48L	TSOP
SST39VF1602C-70-4I-EKE	1M x16, 2 KW Sector, Top Boot	70	2.7-3.6	48L	TSOP
SST39VF1602C-70-4C-B3KE	1M x16, 2 KW Sector, Top Boot	70	2.7-3.6	48B	TFBGA
SST39VF1602C-70-4I-B3KE	1M x16, 2 KW Sector, Top Boot	70	2.7-3.6	48B	TFBGA
SST39VF1602-70-4A-EKE	1M x16, 2 KW Sector, Top Boot (Auto Grade)	70	2.7-3.6	48L	TSOP
SST39VF1602-70-4I-EKE-TZ009	1M x16, 2 KW Sector, Top Boot (Auto Grade)	70	2.7-3.6	48L	TSOP
SST39VF1602-70-4A-B3KE	1M x16, 2 KW Sector, Top Boot (Auto Grade)	70	2.7-3.6	48B	TFBGA
SST39VF1602-70-4I-B3KE	1M x16, 2 KW Sector, Top Boot (Auto Grade)	70	2.7-3.6	48B	TFBGA
SST39VF1681-70-4C-EKE	2M x8, 2 KW Sector, Bottom Boot	70	2.7-3.6	48L	TSOP
SST39VF1681-70-4I-EKE	2M x8, 2 KW Sector, Bottom Boot	70	2.7-3.6	48L	TSOP
SST39VF1681-70-4C-B3KE	2M x8, 2 KW Sector, Bottom Boot	70	2.7-3.6	48B	TFBGA
SST39VF1681-70-4I-B3KE	2M x8, 2 KW Sector, Bottom Boot	70	2.7-3.6	48B	TFBGA
SST39VF1682-70-4C-EKE	2M x8, 2 KW Sector, Top Boot	70	2.7-3.6	48L	TSOP
SST39VF1682-70-4I-EKE	2M x8, 2 KW Sector, Top Boot	70	2.7-3.6	48L	TSOP
SST39VF1682-70-4C-B3KE	2M x8, 2 KW Sector, Top Boot	70	2.7-3.6	48B	TFBGA
SST39VF1682-70-4I-B3KE	2M x8, 2 KW Sector, Top Boot	70	2.7-3.6	48B	TFBGA

PARALLEL FLASH MEMORY

16 Mbit (Continued)					
Ordering Number	Description	Spd. (ns)	Voltage (V)	Pin Count	Package
SST39WF1601-70-4C-B3KE	1M x16, 2 KW Sector, Bottom Boot	70	1.65-1.95	48B	TFBGA
SST39WF1601-70-4I-B3KE	1M x16, 2 KW Sector, Bottom Boot	70	1.65-1.95	48B	TFBGA
SST39WF1601-70-4I-B3KE-TZ009	1M x16, 2 KW Sector, Bottom Boot (Auto Grade)	70	1.65-1.95	48B	TFBGA
SST39WF1601-70-4C-MAQE	1M x16, 2 KW Sector, Bottom Boot	70	1.65-1.95	48B	WFBGA
SST39WF1601-70-4I-MAQE	1M x16, 2 KW Sector, Bottom Boot	70	1.65-1.95	48B	WFBGA
SST39WF1602-70-4C-B3KE	1M x16, 2 KW Sector, Top Boot	70	1.65-1.95	48B	TFBGA
SST39WF1602-70-4I-B3KE	1M x16, 2 KW Sector, Top Boot	70	1.65-1.95	48B	TFBGA
SST39WF1602-70-4I-B3KE-TZ009	1M x16, 2 KW Sector, Top Boot (Auto Grade)	70	1.65-1.95	48B	TFBGA
SST39WF1602-70-4C-MAQE	1M x16, 2 KW Sector, Top Boot	70	1.65-1.95	48B	WFBGA
SST39WF1602-70-4I-MAQE	1M x16, 2 KW Sector, Top Boot	70	1.65-1.95	48B	WFBGA
32 Mbit					
SST39VF3201B-70-4C-B3KE	2M x16, 2K/32 KW Sector, Top Boot	70	2.7-3.6	48B	TFBGA
SST39VF3201B-70-4I-B3KE	2M x16, 2K/32 KW Sector, Top Boot	70	2.7-3.6	48B	TFBGA
SST39VF3201B-70-4C-EKE	2M x16, 2K/32 KW Sector, Top Boot	70	2.7-3.6	48L	TSOP
SST39VF3201B-70-4I-EKE	2M x16, 2K/32 KW Sector, Top Boot	70	2.7-3.6	48L	TSOP
SST39VF3202B-70-4C-B3KE	2M x16, 2K/32 KW Sector, Bottom Boot	70	2.7-3.6	48B	TFBGA
SST39VF3202B-70-4C-EKE	2M x16, 2K/32 KW Sector, Bottom Boot	70	2.7-3.6	48L	TSOP
SST39VF3202B-70-4I-BKE	2M x16, 2K/32 KW Sector, Bottom Boot	70	2.7-3.6	48L	TFBGA
SST39VF3202B-70-4I-EKE	2M x16, 2K/32 KW Sector, Bottom Boot	70	2.7-3.6	48L	TSOP
64 Mbit Page Mode					
SST38VF6401-90-5C-B3KE	4M x16, 32 KW Sector, Bottom Boot	90	2.7-3.6	48B	TFBGA
SST38VF6401-90-5I-B3KE	4M x16, 32 KW Sector, Bottom Boot	90	2.7-3.6	48B	TFBGA
SST38VF6401-90-5C-EKE	4M x16, 32 KW Sector, Bottom Boot	90	2.7-3.6	48L	TSOP
SST38VF6401-90-5I-EKE	4M x16, 32 KW Sector, Bottom Boot	90	2.7-3.6	48L	TSOP
SST38VF6402-90-5C-B3KE	4M x16, 32 KW Sector, Top Boot	90	2.7-3.6	48B	TFBGA
SST38VF6402-90-5I-B3KE	4M x16, 32 KW Sector, Top Boot	90	2.7-3.6	48B	TFBGA
SST38VF6402-90-5C-EKE	4M x16, 32 KW Sector, Top Boot	90	2.7-3.6	48L	TSOP
SST38VF6402-90-5I-EKE	4M x16, 32 KW Sector, Top Boot	90	2.7-3.6	48L	TSOP
SST38VF6403-90-5C-B3KE	4M x16, 8 KW Sector, Bottom Boot	90	2.7-3.6	48B	TFBGA
SST38VF6403-90-5I-B3KE	4M x16, 8 KW Sector, Bottom Boot	90	2.7-3.6	48B	TFBGA
SST38VF6403-90-5C-EKE	4M x16, 8 KW Sector, Bottom Boot	90	2.7-3.6	48L	TSOP
SST38VF6403-90-5I-EKE	4M x16, 8 KW Sector, Bottom Boot	90	2.7-3.6	48L	TSOP
SST38VF6404-90-5C-B3KE	4M x16, 8 KW Sector, Top Boot	90	2.7-3.6	48B	TFBGA
SST38VF6404-90-5I-B3KE	4M x16, 8 KW Sector, Top Boot	90	2.7-3.6	48B	TFBGA
SST38VF6404-90-5C-EKE	4M x16, 8 KW Sector, Top Boot	90	2.7-3.6	48L	TSOP
SST38VF6404-90-5I-EKE	4M x16, 8 KW Sector, Top Boot	90	2.7-3.6	48L	TSOP
SST39VF6401B-70-4I-EKE-TZ009	4M x16, 32 KW Sector, Bottom Boot (Auto Grade)	70	2.7-3.6	48B	TSOP
SST39VF6401B-70-4I-B1KE-TZ009	4M x16, 32 KW Sector, Bottom Boot (Auto Grade)	70	2.7-3.6	48B	TFBGA
SST39VF6402B-70-4I-EKE-TZ009	4M x16, 32 KW Sector, Bottom Boot (Auto Grade)	70	2.7-3.6	48L	TSOP
SST39VF6402B-70-4I-B1KE-TZ009	4M x16, 32 KW Sector, Bottom Boot (Auto Grade)	70	2.7-3.6	48L	TFBGA

SERIAL FLASH MEMORY

SPI Flash

Ordering Number	Description	Spd. (MHz)	Voltage (V)	Pin Count	Package
512 Kbit					
SST25WF512-40-5I-SAF	64K x8, 4 KB Sector	40	1.65-1.95	8L	SOIC
SST25VF512A-33-4C-QAE	64K x8, 4 KB Sector	33	2.7-3.6	8C	WSON
SST25VF512A-33-4C-SAE	64K x8, 4 KB Sector	33	2.7-3.6	8L	SOIC
SST25VF512A-33-4I-SAE	64K x8, 4 KB Sector	33	2.7-3.6	8L	SOIC
SST25VF512A-33-4I-QAE	64K x8, 4 KB Sector	33	2.7-3.6	8C	WSON
1 Mbit					
SST25WF010-40-5I-SAF	128K x8, 4 KB Sector	40	1.65-1.95	8L	SOIC
SST25VF010A-33-4C-QAE	128K x8, 4 KB Sector	33	2.7-3.6	8C	WSON
SST25VF010A-33-4I-QAE	128K x8, 4 KB Sector	33	2.7-3.6	8C	WSON
SST25VF010A-33-4C-SAE	128K x8, 4 KB Sector	33	2.7-3.6	8L	SOIC
SST25VF010A-33-4I-SAE	128K x8, 4 KB Sector	33	2.7-3.6	8L	SOIC
2 Mbit					
SST25WF020-40-5I-SAF	256K x8, 4 KB Sector	40	1.65-1.95	8L	SOIC
SST25WF020-40-5I-QAE	256K x8, 4 KB Sector	40	1.65-1.95	8C	WSON
SST25LF020A-33-4I-SAE	256K x8, 4 KB Sector	33	3.0-3.6	8L	SOIC
SST25VF020B-80-4I-SAE	256K x8, 4 KB Sector	80	2.7-3.6*	8L	SOIC
SST25VF020B-80-4I-QAE	256K x8, 4 KB Sector	80	2.7-3.6*	8C	WSON
4 Mbit					
SST25WF040-40-5I-SAF	512K x8, 4 KB Sector	40	1.65-1.95	8L	SOIC
SST25WF040-40-5I-QAE	512K x8, 4 KB Sector	40	2.7-3.6	8C	WSON
SST25VF040B-80-4I-SAE	512K x8, 4 KB Sector	80	2.7-3.6*	8L	SOIC
SST25VF040B-80-4I-QAE	512K x8, 4 KB Sector	80	2.7-3.6*	8C	WSON
SST25VF040B-80-4I-S2AE	512K x8, 4 KB Sector	80	2.7-3.6*	8L	SOIC
8 Mbit					
SST25WF080-75-4I-SAF	1M x8, 4 KB Sector	75	1.65-1.95	8L	SOIC
SST25VF080B-80-4I-S2AE	1M x8, 4 KB Sector	80	2.7-3.6*	8L	SOIC
SST25VF080B-80-4I-QAE	1M x8, 4 KB Sector	80	2.7-3.6*	8C	WSON
16 Mbit					
SST25VF016B-50-4I-S2AF-TZ009	2M x8, 4 KB Sector (Auto Grade)	50	2.7-3.6	8L	SOIC
SST25VF016B-75-4I-S2AF	2M x8, 4 KB Sector	75	2.7-3.6	8L	SOIC
SST25VF016B-75-4I-QAF	2M x8, 4 KB Sector	75	2.7-3.6	8C	WSON
32 Mbit					
SST25VF032B-80-4I-S2AF	4M x8, 4 KB Sector	80	2.7-3.6	8L	SOIC
SST25VF032B-80-4I-QAE	4M x8, 4 KB Sector	80	2.7-3.6	8C	WSON
64 Mbit					
SST25VF064C-80-4I-SCE	8M x8, 4 KB Sector, Dual I/O	80	2.7-3.6	16L	SOIC
SST25VF064C-80-4I-S3AE	8M x8, 4 KB Sector, Dual I/O	80	2.7-3.6	8L	SOIC
SST25VF064C-80-4I-Q2AE	8M x8, 4 KB Sector, Dual I/O	80	2.7-3.6	8C	WSON

*2.5V option available, please contact SST for details.

SERIAL FLASH MEMORY

SQI™ (Serial Quad I/O™) Flash

16 Mbit

Ordering Number	Description	Spd. (MHz)	Voltage (V)	Pin Count	Package
SST26VF016-80-5I-S2AE	4-bit, Multiplexed I/O, 4 KB Sector	80	2.7-3.6	8L	SOIC
SST26VF016-80-5I-QAE	4-bit, Multiplexed I/O, 4 KB Sector	80	2.7-3.6	8C	WSON

32 Mbit

ST26WF032-80-4I-S2AE	4-bit, Multiplexed I/O, 4 KB Sector	80	1.65-1.95	8L	SOIC
SST26WF032-80-4I-QAE	4-bit, Multiplexed I/O, 4 KB Sector	80	1.65-1.95	8C	WSON
SST26VF032-80-4I-S2AE	4-bit, Multiplexed I/O, 4 KB Sector	80	2.7-3.6	8L	SOIC
SST26VF032-80-4I-QAE	4-bit, Multiplexed I/O, 4 KB Sector	80	2.7-3.6	8L	WSON

LPC Firmware Flash/Firmware Hub

8 Mbit

Ordering Number	Description	Spd. (MHz)	Voltage (V)	Pin Count	Package
SST49LF008A-33-4C-NHE	1024K x8 Firmware Hub, 4 KB Sector	33	3.0-3.6	32L	PLCC
SST49LF008A-33-4C-WHE	1024K x8 Firmware Hub, 4 KB Sector	33	3.0-3.6	32L	TSOP
SST49LF008A-33-4C-EIE	1024K x8 Firmware Hub, 4 KB Sector	33	3.0-3.6	40L	TSOP
SST49LF080A-33-4C-NHE	1024K x8 LPC Flash, 4 KB Sector	33	3.0-3.6	32L	PLCC
SST49LF080A-33-4C-WHE	1024K x8 LPC Flash, 4 KB Sector	33	3.0-3.6	32L	TSOP

16 Mbit

SST49LF016C-33-4C-NHE	2M x8 Firmware Hub, 4 KB Sector	33	3.0-3.6	32L	PLCC
SST49LF016C-33-4C-WHE	2M x8 Firmware Hub, 4 KB Sector	33	3.0-3.6	32L	TSOP
SST49LF016C-33-4C-EIE	2M x8 Firmware Hub, 4 KB Sector	33	3.0-3.6	40L	TSOP
SST49LF160C-33-4C-NHE	2M x8 LPC Flash, 4 KB Sector	33	3.0-3.6	32L	PLCC

CONTROLLERS

FlashFlex® 8-bit 8051 Microcontrollers

Ordering Number	Description	Spd. (MHz)	Voltage (V)	Pin Count	Package
SST89E52RC-33-C-NJE	9 Kbyte Single-block Embedded SuperFlash	33	4.5-5.5	44L	PLCC
SST89E52RC-33-C-PIE	9 Kbyte Single-block Embedded SuperFlash	33	4.5-5.5	40L	PDIP
SST89E54RDA-40-C-PIE	24 Kbyte, Dual Block (16 KB + 8 KB) Embedded SuperFlash	40	4.5-5.5	40L	PDIP
SST89E54RD2A-40-C-NJE	24 Kbyte, Dual Block (16 KB + 8 KB) Embedded SuperFlash	40	4.5-5.5	44L	PLCC
SST89E54RD2A-40-C-TQJE	24 Kbyte, Dual Block (16 KB + 8 KB) Embedded SuperFlash	40	4.5-5.5	44L	TQFP
SST89E54RC-33-C-NJE	17 Kbyte Single-block Embedded SuperFlash	33	4.5-5.5	44L	PLCC
SST89E54RC-33-C-PIE	17 Kbyte Single-block Embedded SuperFlash	33	4.5-5.5	40L	PDIP
SST89V54RD-33-C-PIE	24 Kbyte (16 KB + 8 KB) Embedded SuperFlash	33	2.7-3.6	40L	PDIP
SST89V54RD2-33-C-NJE	24 Kbyte (16 KB + 8 KB) Embedded SuperFlash	33	2.7-3.6	44L	PLCC
SST89V54RD2-33-C-TQJE	24 Kbyte (16 KB + 8 KB) Embedded SuperFlash	33	2.7-3.6	44L	TQFP
SST89E58RDA-40-C-PIE	40 Kbyte (32 KB + 8 KB) Embedded SuperFlash	40	4.5-5.5	40L	PDIP
SST89E58RD2A-40-C-NJE	40 Kbyte (32 KB + 8 KB) Embedded SuperFlash	40	4.5-5.5	44L	PLCC
SST89E58RD2A-40-C-TQJE	40 Kbyte (32 KB + 8 KB) Embedded SuperFlash	40	4.5-5.5	44L	TQFP
SST89V58RD-33-C-PIE	40 Kbyte (32 KB + 8 KB) Embedded SuperFlash	33	2.7-3.6	40L	PDIP
SST89V58RD2-33-C-NJE	40 Kbyte (32 KB + 8 KB) Embedded SuperFlash	33	2.7-3.6	44L	PLCC
SST89V58RD2-33-C-TQJE	40 Kbyte (32 KB + 8 KB) Embedded SuperFlash	33	2.7-3.6	44L	TQFP
SST89C58RC-40-I-NJE	40 Kbyte (32 KB + 8 KB) Embedded SuperFlash, SM-Bus	40	2.7-5.5	44L	PLCC
SST89C58RC-40-C-QIF	40 Kbyte (32 KB + 8 KB) Embedded SuperFlash, SM-Bus	40	2.7-5.5	40L	WQFN
SST89C58RC-40-I-TQJE	40 Kbyte (32 KB + 8 KB) Embedded SuperFlash, SM-Bus	40	2.7-5.5	44L	TQFP
SST89E516RD-40-C-PIE	72 Kbyte (64 KB + 8 KB) Embedded SuperFlash	40	4.5-5.5	40L	PDIP
SST89E516RD-40-C-QIF	72 Kbyte (64 KB + 8 KB) Embedded SuperFlash	40	4.5-5.5	40L	WQFN
SST89E516RD2-40-C-NJE	72 Kbyte (64 KB + 8 KB) Embedded SuperFlash	40	4.5-5.5	44L	PLCC
SST89E516RD2-40-C-TQJE	72 Kbyte (64 KB + 8 KB) Embedded SuperFlash	40	4.5-5.5	44L	TQFP
SST89V516RD-33-C-PIE	72 Kbyte (64 KB + 8 KB) Embedded SuperFlash	33	2.7-3.6	40L	PDIP
SST89V516RD2-33-C-NJE	72 Kbyte (64 KB + 8 KB) Embedded SuperFlash	33	2.7-3.6	44L	PLCC
SST89V516RD2-33-C-TQJE	72 Kbyte (64 KB + 8 KB) Embedded SuperFlash	33	2.7-3.6	44L	TQFP

RF DEVICES

WLAN Power Amplifiers

Ordering Number	Description	Frequency	Linear Power (dBm) @ 3% EVM	Package
SST11LP12-QCF	802.11a/n, High Power	4.9-5.8 GHz	21	3x3 QFN
SST11CP15-QUBE	802.11a/n, Low DC Current	4.9-5.8 GHz	19	2x2 QFN
SST12CP11-QVCE	802.11g/n, Ultra High Power	2.4-2.5 GHz	25.5	3x3 QFN
SST12LP07-QVCE-MM007	802.11g, High Power (Pin Compatible with TQP777002)	2.4-2.5 GHz	21.5	3x3 QFN
SST12LP07A-QXBE	802.11b/g/n	2.4-2.5 GHz	21	12-pin 2x2 QFN
SST12LP07E-QX8E	802.11b/g	2.4-2.5 GHz	20.5	8-pin 2x2 XSON
SST12LP08-QX6E	802.11b/g/n	2.4-2.5 GHz	20	6-pin 1.5x1.5 QFN
SST12LP08-QXBE	802.11b/g/n	2.4-2.5 GHz	20	12-pin 2x2 QFN
SST12LP08A-QX8E	802.11b/g/n	2.4-2.5 GHz	20.5	8-pin 2x2 XSON
SST12LP14A-QVCE	802.11g (General Purpose)	2.4-2.5 GHz	21.5	3x3 QFN
SST12LP14C-QVCE	802.11g (Pin Compatible with 12LP14)	2.4-2.5 GHz	18	3x3 QFN
SST12LP14E-QX6E	802.11b/g/n (Low DC Current for Embedded)	2.4-2.5 GHz	18.5	6-pin 1.5x1.5 QFN
SST12LP14E-QX8E	802.11b/g/n (Low DC Current for Embedded)	2.4-2.5 GHz	18.5	8-pin 2x2 QFN
SST12LP15A-QVCE	802.11b/g/n, High Power	2.4-2.5 GHz	22.5	3x3 QFN
SST12LP15B-QVCE	802.11b/g/n, High Power	2.4-2.5 GHz	22.5	3x3 QFN
SST12LP15B-QXBE	802.11b/g/n, High Power	2.4-2.5 GHz	22.5	2x2 QFN
SST12LP17E-QU8E	802.11b/g/n, Fully Matched	2.4-2.5 GHz	18	2x2 QFN
SST12LP19E-QX6E	802.11b/g/n (Low DC Current for Embedded)	2.4-2.5 GHz	19	6-pin 1.5x1.5 QFN
SST12LP19E-QX8E	802.11b/g/n (Low DC Current for Embedded)	2.4-2.5 GHz	19	8-pin 2x2 QFN
SST13LP05-MLCF	802.11a/b/g Dual-Band (Fully Matched)	2.4-2.5 GHz 5.1-5.8 GHz	18.5 17.5	4x4 LGA

Front End Modules

Ordering Number	Description	Frequency	NF (dB)/PA Linear Power (dBm) @ 3% EVM	Package
SST12LF01-QDE	802.11b/g Front End Module PA+LNA	2.4-2.5 GHz	1.5 / 21.5	4x4 QFN
SST12LF02-QXCE	802.11b/g/n Front End Module PA (Fully Matched) + SP3T SW	2.4-2.5 GHz	18.5	3x3 QFN

Low-Noise Amplifers

Ordering Number	Description	Frequency	NF (dB)	Package
SST12LN01-QU6F	Low-Noise Amplifier (Fully Matched)	2.4 GHz	1.5	3x1.6 QFN

ORDERING INFORMATION

Part Number Guides

For Flash Memory

SST 39VF 6401 B - 70 -4I - EKE

Product Series

Voltage

Function:
E = Page Write
F = Chip- or Sector-Erase
Byte Program

Density

Hardware Block Protection:
Blank: Uniform Sector
1: Bottom Boot Block (32 Kword)
2: Top Boot Block (32 Kword)
3: Bottom Boot Block (8 Kword)
4: Top Boot Block (8 Kword)

Product Version

Read Access Speed

Minimum Endurance

Temperature Range:
C: Commercial Range (0°C to +70°C)
I: Industrial (-40°C to +85°C)
E: Extended (-20°C to +85°C)
A: Automotive (-40°C to +125°C)

Package Type

Pin/Ball Count

E: RoHS Compliant Lead Free
F: RoHS Compliant Lead Free/
non-Sn contact (lead) finish

FlashFlex® Microcontrollers

SST 89 E 52 RC - 33 - C - N J E

Product Series

Voltage

Flash Memory Size

Product Type

Frequency

Temperature Range
C: Commercial (0˚C to +70˚C)
I: Industrial (-40˚C to +85˚C)

Package Type

Pin/Ball Count

E: RoHS Compliant Lead Free

For RF Devices

SST 11LP 12 - Q C F

Product Series

Frequency of Operation

Voltage

Product Type

Product Family Identifier

Package Type

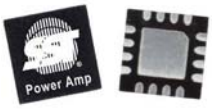
Pin/Ball Count

E: RoHS Compliant Lead Free
F: RoHS Compliant Lead Free/
non-Sn contact (lead) finish

PACKAGE INFORMATION

Package Types

3x1.6 QFN



3x3 QFN

8 WSON

8 SOIC

32 PLCC

32 TSOP

44 PLCC

40 TSOP

44 TQFP

40 PDIP

48 TFBGA

Additional packages are available – contact your SST representative for details.

NOTE: Packages are shown approximate size.

About the Company

Headquartered in Sunnyvale, California, SST designs, manufactures and markets a diversified range of memory and non-memory products for high volume applications in the digital consumer, networking, wireless communications and Internet computing markets. Leveraging its proprietary, patented SuperFlash technology, SST is a leading provider of nonvolatile memory solutions with product families that include various densities of high functionality flash memory components. The Company also offers its SuperFlash technology for embedded applications through its broad network of world-class manufacturing partners and technology licensees, including TSMC, which offers SuperFlash under its trademark Emb-FLASH. SST's non-memory products include Flash microcontrollers and radio frequency ICs and modules. Further information on SST can be found on the company's website at **www.SST.com.**

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