

SST Multi-Purpose Flash

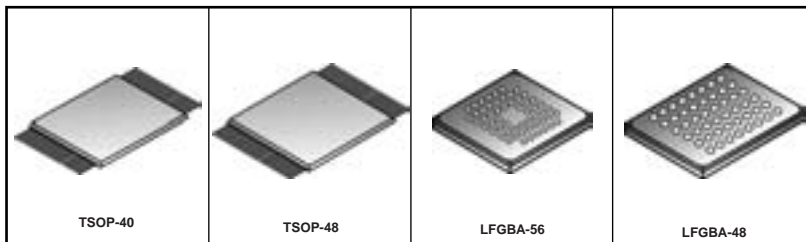


SST 39 SERIES MPF (MULTI-PURPOSE FLASH)

MPF is a cost-effective flash memory that addresses mainstream flash applications that require ISP (In-System Programming). These products are offered in x8 or x16 organizations at single 5.0V or 2.7-3.6V power supply voltages. In addition to the standard read access speed of 70 ns, SST also offers high-speed, low-voltage MPF products with access times of 45 and 55 ns. All 39 Series products use JEDEC standard package/pinout and command set for ease of use.

Features:

- Single 4.5-5.5V Read and Write Operations
- Sector-Erase Capability, Uniform 4K Bytes sectors
- TTL I/O Compatibility



For quantities 250 and up, call for quote.

MOUSER STOCK NO.	SST Part No.	Package	Density	Organization	Access Time	Chip Rewrite Time (Typical)	Supply Voltage V _{DD}	Operating Temperature	Price Each		
									1	50	100
804-39LF1005CW1	SST39LF100-45-4C-WI	TSOP-40	1 Mb	64K X 16	45ns	1 Sec.	3.0 to 3.6	0°C to +70°C	2.00	1.80	1.70
804-39LF1005CB3K	SST39LF100-45-4C-B3K	TFBGA-48	1 Mb	64K X 16	45ns	1 Sec.	3.0 to 3.6	0°C to +70°C	2.10	1.89	1.79
804-39VF1007CW1	SST39VF100-70-4C-WI	TSOP-40	1 Mb	64K X 16	70ns	1 Sec.	2.7 to 3.6	0°C to +70°C	1.74	1.57	1.48
804-39VF1007CB3K	SST39VF100-70-4C-B3K	TFBGA-48	1 Mb	64K X 16	70ns	1 Sec.	2.7 to 3.6	0°C to +70°C	1.94	1.75	1.65
804-39VF1007IW1	SST39VF100-70-4I-WI	TSOP-40	1 Mb	64K X 16	70ns	1 Sec.	2.7 to 3.6	-40°C to +85°C	2.09	1.88	1.77
804-39VF1007IB3K	SST39VF100-70-4I-B3K	TFBGA-48	1 Mb	64K X 16	70ns	1 Sec.	2.7 to 3.6	-40°C to +85°C	2.33	2.10	1.98
804-39LF200A5CEK	SST39LF200A-45-4C-EK	TSOP-48	2 Mb	128K X 16	45ns	2 Sec.	3.0 to 3.6	0°C to +70°C	2.65	2.38	2.25
804-39LF200A5CB3K	SST39LF200A-45-4C-B3K	TFBGA-48	2 Mb	128K X 16	45ns	2 Sec.	3.0 to 3.6	0°C to +70°C	2.65	2.38	2.25
804-39VF200A7CEK	SST39VF200A-70-4C-EK	TSOP-48	2 Mb	128K X 16	70ns	2 Sec.	2.7 to 3.6	0°C to +70°C	2.35	2.11	1.99
804-39VF200A7CB3K	SST39VF200A-70-4C-B3K	TFBGA-48	2 Mb	128K X 16	70ns	2 Sec.	2.7 to 3.6	0°C to +70°C	2.35	2.11	1.99
804-39VF200A7IEK	SST39VF200A-70-4I-EK	TSOP-48	2 Mb	128K X 16	70ns	2 Sec.	2.7 to 3.6	-40°C to +85°C	2.82	2.53	2.39
804-39VF200A7IB3K	SST39VF200A-70-4I-B3K	TFBGA-48	2 Mb	128K X 16	70ns	2 Sec.	2.7 to 3.6	-40°C to +85°C	2.82	2.53	2.39
804-39LF400A5CEK	SST39LF400A-45-4C-EK	TSOP-48	4 Mb	256K X 16	45ns	4 Sec.	3.0 to 3.6	0°C to +70°C	2.94	2.65	2.50
804-39LF400A5CB3K	SST39LF400A-45-4C-B3K	TFBGA-48	4 Mb	256K X 16	45ns	4 Sec.	3.0 to 3.6	0°C to +70°C	2.94	2.65	2.50
804-39LF400A55CEK	SST39LF400A-55-4C-EK	TSOP-48	4 Mb	256K X 16	55ns	4 Sec.	3.0 to 3.6	0°C to +70°C	3.46	3.11	2.94
804-39LF400A55CB3K	SST39LF400A-55-4C-B3K	TFBGA-48	4 Mb	256K X 16	55ns	4 Sec.	3.0 to 3.6	0°C to +70°C	3.46	3.11	2.94
804-39VF400A7CEK	SST39VF400A-70-4C-EK	TSOP-48	4 Mb	256K X 16	70ns	4 Sec.	2.7 to 3.6	0°C to +70°C	2.61	2.35	2.22
804-39VF400A7CB3K	SST39VF400A-70-4C-B3K	TFBGA-48	4 Mb	256K X 16	70ns	4 Sec.	2.7 to 3.6	0°C to +70°C	2.61	2.35	2.22
804-39VF400A7IEK	SST39VF400A-70-4I-EK	TSOP-48	4 Mb	256K X 16	70ns	4 Sec.	2.7 to 3.6	-40°C to +85°C	3.13	2.82	2.66
804-39VF400A7IB3K	SST39VF400A-70-4I-B3K	TFBGA-48	4 Mb	256K X 16	70ns	4 Sec.	2.7 to 3.6	-40°C to +85°C	3.13	2.82	2.66
804-39LF800A55CEK	SST39LF800A-55-4C-EK	TSOP-48	8 Mb	512K X 16	55ns	8 Sec.	3.0 to 3.6	0°C to +70°C	3.91	3.52	3.32
804-39LF800A55CB3K	SST39LF800A-55-4C-B3K	TFBGA-48	8 Mb	512K X 16	55ns	8 Sec.	3.0 to 3.6	0°C to +70°C	4.11	3.70	3.49
804-39VF800A7CEK	SST39VF800A-70-4C-EK	TSOP-48	8 Mb	512K X 16	70ns	8 Sec.	2.7 to 3.6	0°C to +70°C	3.26	2.93	2.77
804-39VF800A7CB3K	SST39VF800A-70-4C-B3K	TFBGA-48	8 Mb	512K X 16	70ns	8 Sec.	2.7 to 3.6	0°C to +70°C	3.46	3.11	2.94
804-39VF800A7IEK	SST39VF800A-70-4I-EK	TSOP-48	8 Mb	512K X 16	70ns	8 Sec.	2.7 to 3.6	-40°C to +85°C	3.91	3.52	3.33
804-39VF800A7IB3K	SST39VF800A-70-4I-B3K	TFBGA-48	8 Mb	512K X 16	70ns	8 Sec.	2.7 to 3.6	-40°C to +85°C	4.15	3.74	3.53
804-39VF1607CEK	SST39VF160-70-4C-EK	TSOP-48	16 Mb	1M X 16	70ns	15 Sec.	2.7 to 3.6	0°C to +70°C	4.14	3.73	3.52
804-39VF1607CBK	SST39VF160-70-4C-BK	TFBGA-48	16 Mb	1M X 16	70ns	15 Sec.	2.7 to 3.6	0°C to +70°C	4.14	3.73	3.52
804-39VF1607IEK	SST39VF160-70-4I-EK	TSOP-48	16 Mb	1M X 16	70ns	15 Sec.	2.7 to 3.6	-40°C to +85°C	4.97	4.47	4.22
804-39VF1607IBK	SST39VF160-70-4I-BK	TFBGA-48	16 Mb	1M X 16	70ns	15 Sec.	2.7 to 3.6	-40°C to +85°C	4.97	4.47	4.22

SST 32 - 34 SERIES COMBO MEMORY

Designed, manufactured, and tested for a wide spectrum of applications, the ComboMemory are offered with a guaranteed endurance of 10,000 cycles. Data retention is rated at greater than 100 years. The ComboMemory operate as two independent memory banks with respective bank enable signals. These devices provide the added functionality of being able to simultaneously read from or write to the SRAM bank while erasing or programming in the flash memory bank.

Features:

- Integrated Flash and SRAM for Small Form Factor Design
- Small Footprint - Replaces two parts with one
- Read from or Write to SRAM while Erase/Program Flash

For quantities 50 and up, call for quote.

MOUSER STOCK NO.	SST Part No.	Package	Flash Memory		SRAM Memory		Access Speed (ns)	Rewrite Time	Supply V _{DD}	Operating Temperature	Price Each		
			Density	Organization	Density	Organization					1	10	25
804-32HF2027CL3K	SST32HF202-70-4C-L3K	LFGBA-48	2 Mb MPF	128K x 16	2 Mb	128K x 16	70	2.0 sec	2.7 to 3.3V	0°C to +70°C	8.87	7.98	7.54
804-32HF2027EL3K	SST32HF202-70-4E-L3K	LFGBA-48	2 Mb MPF	128K x 16	2 Mb	128K x 16	70	2.0 sec	2.7 to 3.3V	-20°C to +85°C	9.31	8.38	7.92
804-32HF4027CL3K	SST32HF402-70-4C-L3K	LFGBA-48	4 Mb MPF	256K x 16	2 Mb	128K x 16	70	4.0 sec	2.7 to 3.3V	0°C to +70°C	10.76	9.68	9.15
804-32HF4027EL3K	SST32HF402-70-4E-L3K	LFGBA-48	4 Mb MPF	256K x 16	2 Mb	128K x 16	70	4.0 sec	2.7 to 3.3V	-20°C to +85°C	11.31	10.18	9.61
804-32HF8027CL3K	SST32HF802-70-4C-L3K	LFGBA-48	8 Mb MPF	512K x 16	2 Mb	128K x 16	70	8.0 sec	2.7 to 3.3V	0°C to +70°C	12.04	10.83	10.23
804-32HF8027EL3K	SST32HF802-70-4E-L3K	LFGBA-48	8 Mb MPF	512K x 16	2 Mb	128K x 16	70	8.0 sec	2.7 to 3.3V	-20°C to +85°C	12.64	11.38	10.74
804-32HF1627CLBK	SST32HF162-70-4C-LBK	LGBA-48	16 Mb MPF	1 Mb x 16	2 Mb	128K x 16	70	15.0 sec	2.7 to 3.3V	0°C to +70°C	14.57	13.11	12.39
804-32HF1647CLBK	SST32HF164-70-4C-LBK	LGBA-48	16 Mb MPF	1 Mb x 16	4 Mb	256K x 16	70	15.0 sec	2.7 to 3.3V	0°C to +70°C	17.11	15.40	14.54
804-34HF1621A7CLFP	SST34HF1621A-70-4C-LFP	LFGBA-56	16 Mb CSF	((768K+256K)x16)	2 Mb	128K x 16	70	8.0 sec	2.7 to 3.3V	0°C to +70°C	14.57	13.11	12.39
804-34HF1641A7EL1P	SST34HF1641A-70-4E-L1P	LFGBA-56	16 Mb CSF	((768K+256K)x16)	4 Mb	256K x 16	70	8.0 sec	2.7 to 3.3V	-20°C to +85°C	17.96	16.17	15.27
804-34HF16817EL1P	SST34HF1681-70-4E-L1P	LFGBA-56	16 Mb CSF	((768K+256K)x16)	8 Mb	512K x 16	70	8.0 sec	2.7 to 3.3V	-20°C to +85°C	23.16	20.84	19.69