

**ESMT 8Mb parallel Flash compatibility**

Density	Vender	Part No.	Supply voltage	Program (compatibility)	Erase (compatibility)	Remark
8Mb (512Kx16/1Mx8) Parallel Flash	ESMT	F49L800A	2.7~3.6V	Byte/Word program	Chip/Sector (8K,4K,4K,16K,32K*15) words erase	100% drop in replace
	SST	SST39LF080/800 SST39VF080/088/800	2.7~3.6V	Word program	Chip/Block(32K) / Sector(2K) words erase	100% drop in replace
	Spansion	S29AL008	2.7~3.6V	Word program	Chip/Sector (8K,4K,4K,16K,32K*15) words erase	100% drop in replace
	MXIC	MX29LV800	2.7~3.6V	Byte/Word program	Chip/Sector (8K,4K,4K,16K,32K*15) words erase	100% drop in replace
	ST	M29W800	2.7~3.6V	Byte/Word program	Chip/Sector (8K,4K,4K,16K,32K*15) words erase	100% drop in replace

**ESMT 16Mb parallel Flash compatibility**

Density	Vender	Part No.	Supply voltage	Program (compatibility)	Erase (compatibility)	Remark
16Mb (2Mx8/ 1Mx16) Parallel Flash	ESMT	F49L160A	2.7~3.6V	Byte/Word program	Chip/Sector (8K,4K,4K,16K,32K*31) words erase	100% drop in replace
	SST	SST39VF1601	2.7~3.6V	Word program	Chip/Block(32K) / Sector(2K) words erase	100% drop in replace
	Spansion	S29AL016	2.7~3.6V	Word program	Chip/Sector (8K,4K,4K,16K,32K*31) words erase	100% drop in replace
	MXIC	MX29LV160	2.7~3.6V	Byte/Word program	Chip/Sector (8K,4K,4K,16K,32K*31) words erase	100% drop in replace
	ST	M29W160	2.7~3.6V	Byte/Word program	Chip/Sector (8K,4K,4K,16K,32K*31) words erase	100% drop in replace

	Vender	Part No.	Supply Voltage	Memory Organization	Program (compatibility)	Erase (compatibility)	Read Freq.	Remark
<b>4Mb SPI</b>	ESMT	F25L004A	2.7~3.6 V	4K bytes sector 32K bytes block 64K bytes block	Byte-program AAI program	Sector/Block erase Chip erase	50/100/ 133MHz	100% drop in replace
	SST	SST25LF040A	2.7~3.6 V	4K bytes sector 32K bytes block 64K bytes block	Byte-program AAI program	Sector/Block erase Chip erase	75MHz	100% drop in replace
	Spansion	S25FL004A	2.7~3.6 V	64k bytes uniform sector	Page(256 bytes) program	64K Sector erase Chip erase	50MHz	100% drop in replace
	MXIC	MX25L8005	2.7~3.6 V	4K bytes sector 64k bytes block	Page(256 bytes) program	4K bytes Sector/ 64K bytes Block erase Chip erase	70MHz	100% drop in replace
	Winbond	W25X040	2.7~3.6 V	4k bytes uniform sector	Page(256 bytes) program	4K bytes Sector/ 64K bytes Block erase Chip erase	75MHz	100% drop in replace
	ST	AT25F4096	2.7~3.6 V	64k bytes uniform sector	Byte-program Page( 256byte ) program	64K Sector erase Chip erase	40MHz	100% drop in replace

	Vender	Part No.	Supply Voltage	Memory Organization	Program (compatibility)	Erase (compatibility)	Read Freq.	Remark
<b>8Mb SPI</b>	ESMT	F25L008A	2.7~3.6 V	4K bytes sector 32K bytes block 64K bytes block	Byte-program AAI program	Sector/Block erase Chip erase	50/100/ 133MHz	100% drop in replace
	SST	SST25VF080 B	2.7~3.6 V	4K bytes sector 32K bytes block 64K bytes block	Byte-program AAI program	Sector/Block erase Chip erase	33MHz	100% Drop in replace
	Spansion	S25FL004A	2.7~3.6 V	64k bytes uniform sector	Page(256 bytes) program	512K Sector erase Block erase	50MHz	100% drop in replace
	MXIC	MX25L8005	2.7~3.6 V	4K bytes sector 64k bytes block	Page(256 bytes) program	4K bytes Sector/ 64K bytes Block erase Chip erase	70MHz	100% drop in replace
	Winbond	W25P32	2.7~3.6 V	64k bytes uniform sector	Page(256 bytes) program	64K bytes Sector erase Chip erase	50MHz	100% drop in replace
	ST	M25PE80	2.7~3.6 V	64k bytes uniform sector	Page(256 bytes) program	64k bytes Sector erase Chip erase	50MHz	100% drop in replace

	Vender	Part No.	Supply Voltage	Memory Organization	Program (compatibility)	Erase (compatibility)	Read Freq.	Remark
<b>16Mb SPI</b>	ESMT	F25L016A	2.7~3.6 V	4K bytes sector 32K bytes block 64K bytes block	Byte-program AAI program	Sector/Block erase Chip erase	50/100/ 133MHz	100% drop in replace
	SST	SST25VF016 B	2.7~3.6 V	4K bytes sector 32K bytes block 64K bytes block	Byte-program AAI program	Sector/Block erase Chip erase	50MHz	100% drop in replace
	Spansion	S25FL004A	2.7~3.6 V	64k bytes uniform sector	Page(256 bytes) program	64K bytes Sector erase Block erase	50MHz	100% drop in replace
	MXIC	MX25L1605	2.7~3.6 V	64k bytes uniform sector	Page(256 bytes) program	64K bytes Sector erase Chip erase	70MHz	100% drop in replace
	Winbond	W25X16	2.7~3.6 V	4k bytes sector 64K bytes Block	Page(256 bytes) program	Sector/Block erase Chip erase	75MHz	100% drop in replace
	ST	M25PE16	2.7~3.6 V	64k bytes uniform sector	Page(256 bytes) program	64k bytes Sector erase Chip erase	50MHz	100% drop in replace