

ESMT VS Spansion Parallel Flash Cross Reference

Density	Spansion Part Number	ESMT Compatible Part Number	ESMT Architecture		
			Device ID	Data Width	Sector Structure
8M	S29AL008D (50/60/70/90)(T/B/M)(I/N)(01/02/R1/R2) (50/60/70/90=speed) (T/B/M=TSOP/FBGA/SOP) (I/N=Industrial/Extend) (01/02=2.7~3.6 Top/Bottom) (R1/R2=3.0~3.6 Top/Bottom) (0/1/2/3=packing type)	F49L800 (U/B)A(70/90)T(I)G (70/90=speed) (T=TSOP) (I/Null=Industrial/Commercial) (U/B=2.7~3.6 Top/Bottom) (G=packing type)	Top:22DAh Bottom:225Bh	1M*8 512K*16	1*16KB 2*x8KB 1*32KB 15*64KB
8M	S29AL008J (55/70)(T/B/S)(I/N)(01/02/03/04/R1/R2) (55/70=speed) (T/B/S=TSOP/FBGA/SSOP) (I/N=Industrial/Extend) (01/02=2.7~3.6 Top/Bottom CFI support) (03/04=2.7~3.6 Top/Bottom no CFI support) (R1/R2=3.0~3.6 Top/Bottom CFI support) (0/1/2/3=packing type)	F49L800 (U/B)A(70/90)T(I)G (70/90=speed) (T=TSOP) (I/Null=Industrial/Commercial) (U/B=2.7~3.6 Top/Bottom) (G=packing type)	Top:22DAh Bottom:225Bh	1M*8 512K*16	1*16KB 2*x8KB 1*32KB 15*64KB
16M	S29AL016J (55/70)(T/B/F/S)(I/N)(01/02/03/04/R1/R2) (55/70=speed) (T/B/F/S=TSOP/FBGA/Fortified BGA/SSOP) (I/N=Industrial/Extend) (01/02=2.7~3.6 Top/Bottom CFI support) (03/04=2.7~3.6 Top/Bottom no CFI support) (R1/R2=3.0~3.6 Top/Bottom CFI support) (0/1/2/3=packing type)	F49L160 (U/B)A(70/90)T(I)G (Note 1) (70/90=speed) (T=TSOP) (I/Null=Industrial/Commercial) (U/B=2.7~3.6 Top/Bottom) (G=packing type)	Top:22C4h Bottom:2249h	2M*8 1M*16	1*16KB 2*x8KB 1*32KB 31*64KB
16M	S29AL016D (70/90)(T/B/M)(I/N)(01/02) (70/90=speed) (T/B/M=TSOP/FBGA/SOP) (I/N=Industrial/Extend) (01/02=2.7~3.6 Top/Bottom) (0/1/2/3=packing type)	F49L160 (U/B)A(70/90)T(I)G (70/90=speed) (T=TSOP) (I/Null=Industrial/Commercial) (U/B=2.7~3.6 Top/Bottom) (G=packing type)	Top:22C4h Bottom:2249h	2M*8 1M*16	1*16KB 2*x8KB 1*32KB 31*64KB
16M	S29AL016M (90/110)(T/B/F)(I)(01/02/R1/R2) (90/110=speed) (T/B/F=TSOP/FBGA/Fortified BGA) (I=Industrial) (01/02=2.7~3.6 Top/Bottom) (R1/R2=3.0~3.6 Top/Bottom) (0/2/3=packing type)	F49L160 (U/B)A(70/90)T(I)G (70/90=speed) (T=TSOP) (I/Null=Industrial/Commercial) (U/B=2.7~3.6 Top/Bottom) (G=packing type)	Top:22C4h Bottom:2249h	2M*8 1M*16	1*16KB 2*x8KB 1*32KB 31*64KB
32M	S29AL032D (70/90)(T/B)(I/N)(00/03/04) (70/90=speed) (T/B=TSOP/FBGA) (I/N=Industrial/Extend) (00 =2.7~3.6 Uniform 40TSOP and 48BGA) (03/04=2.7~3.6 Top/Bottom) (0/2/3=packing type)	F49L320 (U/B)A(70/90)T(I)G (Note 2) (70/90=speed) (T=TSOP) (I/Null=Industrial/Commercial) (U/B=2.7~3.6 Top/Bottom) (G=packing type)	Top:22F6h Bottom:22F9h	4M*8 2M*16	8*x8KB 63*64KB

Density	Spanion Part Number	ESMT Compatible Part Number	ESMT Architecture		
			Device ID	Data Width	Sector Structure
32M	S29AL032M (90/100/110)(T/B/F)(I/C)(R0/R1/R2/R3/R4/R5/R6) (90/100/110=speed) (T/B/F=TSOP/FBGA/Fortified BGA) (I/C=Industrial/Commercial) (R1/R2 =Uniform sector, highest/lowest address sector protect) (R3/R4=Boot sector Top2/Bottom2 sector protect) (R5/R6=Boot sector Top2/Bottom2 sector protect, FBGA48 only) (0/2/3=packing type)	F49L320 (U/B) A (70/90)T(I)G (70/90=speed) (T=TSOP) (I/Null=Industrial/Commercial) (U/B=2.7~3.6 Top/Bottom) (G=packing type)	Top:22F6h Bottom:22F9h	4M*8 2M*16	8*x8KB 63*64KB
32M	S29GL032N (90/110)(B/D/F/T)I(01/02/03/04/V1/V2) (90/110=speed) (B/D/F/T=FBGA/Fortified BGA 9x9mm/Fortified BGA 13x11m/TSOP) (I=Industrial) (01/02 =Uniform sector, highest/lowest address sector protect) (03/04=Boot sector Top2/Bottom2 sector protect) (V1/V2=VIO 1.65~3.6VUniform sector, highest/lowest address sector protect) (0/1/2/3=packing type)	F49L320 (U/B) A (70/90)T(I)G (Note 3) (70/90=speed) (T=TSOP) (I/Null=Industrial/Commercial) (U/B=2.7~3.6 Top/Bottom) (G=packing type)	Top:22F6h Bottom:22F9h	4M*8 2M*16	8*x8KB 63*64KB

Note

1. Refer to AN-PRL-003_F49L160BAUA_.pdf
2. Refer to AN-PRL-004_F49L320BAUA_.pdf
3. ESMT F49L320A doesn't support Page mode and Write buffer