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Semiconductor & Storage Products Company

NAND Flash Memory(SLC Middle Capacity)

Product list of NAND Flash Memory SLC Middle Capacity

Capacity bit	Tech. Node nm	Page Size bit	Block Size bit	Power Supply V	Operating Temperature °C	I/O	Package	Part Number	Access Time		Program /Erase Time typ.	
									Serial cycle	1st access	Program Time	Erase Time
									min ns	typ µs	µs	ms
512M	43	2048 +64 × 8	128K +4K × 8	2.7 to 3.6	0 to 70	x8	TSOP I 48-P-1220-0.50	TC58NVM9S3ETA00	25	25	300	2.5
					-40 to 85			TC58NVM9S3ETAI0	25	25	300	2.5
							P-TFBGA63-0911-0.80CZ	TC58NVM9S3EBAI4	25	25	300	2.5
							P-VFBGA67-0608-0.80-001	TC58NVM9S3EBAI6	25	25	300	2.5
				1.70 to 1.95			P-TFBGA63-0911-0.80CZ	TC58NYM9S3EBAI4	25	25	300	2.5
							P-VFBGA67-0608-0.80-001	TC58NYM9S3EBAI6	25	25	300	2.5
1G	43	2048 +64 × 8	128K +4K × 8	2.7 to 3.6	0 to 70	x8	TSOP I 48-P-1220-0.50	TC58DVG02D5TA00	25	25	300	2.5
					-40 to 85			TC58DVG02D5TAI0	25	25	300	2.5
							P-TFBGA63-0911-0.80CZ	TC58DVG02D5BAI4	25	25	300	2.5
							P-VFBGA67-0608-0.80-001	TC58DVG02D5BAI6	25	25	300	2.5
				1.70 to 1.95			P-TFBGA63-0911-0.80CZ	TC58DYG02D5BAI4	25	25	300	2.5
							P-VFBGA67-0608-0.80-001	TC58DYG02D5BAI6	25	25	300	2.5

	24	2048 +128 × 8	128K +8K × 8	2.7 to 3.6	0 to 70	x8	TSOP I 48-P-1220-0.50	TC58NVG0S3HTA00	25	25	300	3.5
					-40 to 85			TC58NVG0S3HTAI0	25	25	300	3.5
							P-TFBGA63-0911-0.80CZ	TC58NVG0S3HBAI4	25	25	300	3.5
							P-VFBGA67-0608-0.80-001	TC58NVG0S3HBAI6	25	25	300	3.5
				1.70 to 1.95			P-TFBGA63-0911-0.80CZ	TC58NYG0S3HBAI4	25	25	300	3.5
							P-VFBGA67-0608-0.80-001	TC58NYG0S3HBAI6	25	25	300	3.5
2G	43	2048 +64 × 8	128K +4K × 8	2.7 to 3.6	0 to 70	x8	TSOP I 48-P-1220-0.50	TC58NVG1S3ETA00	25	25	300	2.5
					-40 to 85			TC58NVG1S3ETAI0	25	25	300	2.5
							P-TFBGA63-0911-0.80CZ	TC58NVG1S3EBAI4	25	25	300	2.5
				1.70 to 1.95				TC58NYG1S3EBAI4	25	25	300	2.5
	24	2048 +128 × 8	128K +8K × 8	2.7 to 3.6	0 to 70	x8	TSOP I 48-P-1220-0.50	TC58NVG1S3HTA00	25	25	300	3.5
					-40 to 85			TC58NVG1S3HTAI0	25	25	300	3.5
							P-VFBGA67-0608-0.80-001	TC58NVG1S3HBAI6	25	25	300	3.5
				1.70 to 1.95				TC58NYG1S3HBAI6	25	25	300	3.5
4G	43	2048 +64 × 8	128K +4K × 8	2.7 to 3.6	0 to 70	x8	TSOP I 48-P-1220-0.50	TC58NVG2S3ETA00	25	30	300	2.5
					-40 to 85			TC58NVG2S3ETAI0	25	30	300	2.5
							P-TFBGA63-1013-0.80AZ	TC58NVG2S3EBAI5	25	30	300	2.5
				1.70 to 1.95				TC58NYG2S3EBAI5	25	30	300	2.5
				2.7 to	0 to 70		TSOP I 48-P-1220-0.50	TC58NVG2S0FTA00	25	30	300	3

	32	4096 +224 x 8	256K +14K x 8	3.6	-40 to 85	x8		TC58NVG2S0FTAI0	25	30	300	3
							P-TFBGA63-0911-0.80CZ	TC58NVG2S0FBAI4	25	30	300	3
				1.70 to 1.95				TC58NYG2S0FBAI4	25	30	300	3

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