



**THE DATASHEET OF  
TC58DVG02D5TA00**



**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
								TC58NVM9S3ETA10	25	25	300	2.5
								P-TFBGA63-0911-0.80CZ	25	25	300	2.5
								P-VFBGA67-0608-0.80-001	25	25	300	2.5
								P-TFBGA63-0911-0.80CZ	25	25	300	2.5
								P-VFBGA67-0608-0.80-001	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
								TC58DVG02D5TA10	25	25	300	2.5
								P-TFBGA63-0911-0.80CZ	25	25	300	2.5
								P-VFBGA67-0608-0.80-001	25	25	300	2.5
								P-TFBGA63-0911-0.80CZ	25	25	300	2.5
								P-VFBGA67-0608-0.80-001	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	
						TC58NVG0S3HTAI0	25	25	300	3.5		
						P-TFPGA63-0911- 0.80CZ	TC58NVG0S3HBAI4	25	25	300	3.5	
						P-VFPGA67-0608- 0.80-001	TC58NVG0S3HBAI6	25	25	300	3.5	
				1.70 to 1.95			P-TFPGA63-0911- 0.80CZ	TC58NYG0S3HBAI4	25	25	300	3.5
							P-VFPGA67-0608- 0.80-001	TC58NYG0S3HBAI6	25	25	300	3.5
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	
						TC58NVG1S3ETAIO	25	25	300	2.5		
							TC58NVG1S3EBAI4	25	25	300	2.5	
						P-TFPGA63-0911- 0.80CZ	TC58NYG1S3EBAI4	25	25	300	2.5	
				1.70 to 1.95								
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	
						TC58NVG1S3HTAI0	25	25	300	3.5		
							TC58NVG1S3HBAI6	25	25	300	3.5	
						P-VFPGA67-0608- 0.80-001	TC58NYG1S3HBAI6	25	25	300	3.5	
				1.70 to 1.95								
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	
						TC58NVG2S3ETAIO	25	30	300	2.5		
							TC58NVG2S3EBAI5	25	30	300	2.5	
						P-TFPGA63-1013- 0.80AZ	TC58NYG2S3EBAI5	25	30	300	2.5	
				1.70 to 1.95								
43			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	x8	P-TFBGA63-0911- 0.80CZ	TC58NMG2S0FTA10	25	30	300	3
			-40			TC58NMG2S0FBA14	25	30	300	3
			1.70 to 1.95			TC58NYG2S0FBA14	25	30	300	3

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