



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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-TFPGA63-0911-0.80CZ	25	25	300	2.5
								P-VFPGA67-0608-0.80-001	25	25	300	2.5
								P-TFPGA63-0911-0.80CZ	25	25	300	2.5
								P-VFPGA67-0608-0.80-001	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-TFPGA63-0911-0.80CZ	25	25	300	2.5
								P-VFPGA67-0608-0.80-001	25	25	300	2.5
								P-TFPGA63-0911-0.80CZ	25	25	300	2.5
								P-VFPGA67-0608-0.80-001	25	25	300	2.5

24	+ 128 x 8	+ 8K x 8	2048 128K	2.7	0	x8	TSOP I 48-P-1220-0.50	TC58NVG0S3HTA00	25	25	300	3.5	
				to	70			TC58NVG0S3HTAI0	25	25	300	3.5	
				3.6	-40 to 85			P-TFBGA63-0911-0.80CZ	TC58NVG0S3HBAI4	25	25	300	3.5
				1.70				P-VFBGA67-0608-0.80-001	TC58NVG0S3HBAI6	25	25	300	3.5
				to				P-TFBGA63-0911-0.80CZ	TC58NYG0S3HBAI4	25	25	300	3.5
				1.95				P-VFBGA67-0608-0.80-001	TC58NYG0S3HBAI6	25	25	300	3.5
43	+ 64 x 8	+ 4K x 8	2048 128K	2.7	0	x8	TSOP I 48-P-1220-0.50	TC58NVG1S3ETA00	25	25	300	2.5	
				to	70			TC58NVG1S3ETA10	25	25	300	2.5	
				3.6	-40 to 85			TC58NVG1S3EBAI4	25	25	300	2.5	
				1.70				P-TFBGA63-0911-0.80CZ	TC58NYG1S3EBAI4	25	25	300	2.5
				to				TSOP I 48-P-1220-0.50	TC58NVG1S3HTA00	25	25	300	3.5
				1.95					TC58NVG1S3HTAI0	25	25	300	3.5
24	+ 128 x 8	+ 8K x 8	2048 128K	2.7	0	x8	TSOP I 48-P-1220-0.50	TC58NVG1S3HTA00	25	25	300	3.5	
				to	70			TC58NVG1S3HTAI0	25	25	300	3.5	
				3.6	-40 to 85			TC58NVG1S3HBAI6	25	25	300	3.5	
				1.70				P-VFBGA67-0608-0.80-001	TC58NYG1S3HBAI6	25	25	300	3.5
				to				TSOP I 48-P-1220-0.50	TC58NVG2S3ETA00	25	30	300	2.5
				1.95					TC58NVG2S3ETA10	25	30	300	2.5
43	+ 64 x 8	+ 4K x 8	2048 128K	2.7	0	x8	TSOP I 48-P-1220-0.50	TC58NVG2S3ETA00	25	30	300	2.5	
				to	70			TC58NVG2S3ETA10	25	30	300	2.5	
				3.6	-40 to 85			TC58NVG2S3EBAI5	25	30	300	2.5	
				1.70				P-TFBGA63-1013-0.80AZ	TC58NYG2S3EBAI5	25	30	300	2.5
				to				TSOP I 48-P-1220-0.50	TC58NVG2S0FTA00	25	30	300	3
				1.95					TC58NVG2S0FTA00	25	30	300	3
43				2.7	0		TSOP I 48-P-1220-0.50	TC58NVG2S0FTA00	25	30	300	3	
				to	70								

32	4096 + 224 x 8	256K + 14K x 8	3.6	x8	P-TFPGA63-0911- 0.80CZ	TC58NMG2S0FTAI0	25	30	300	3
			-40			TC58NMG2S0FBAI4	25	30	300	3
			1.70 to 1.95			TC58NYG2S0FBAI4	25	30	300	3

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