

Numonyx NAND memory solutions

Meeting low to high density demands in wireless, embedded and data storage applications

PRODUCT OVERVIEW									
Product	Core Voltage	I/O Voltage	Page Size	Density Range	SLC MLC	Read Spec	Write Spec	Erase Spec	Package Options
SLC small page	1.8V - 3V	1.8V - 3V	512B	128 Mb - 1 Gb	SLC	10.8 MB/s	2.2 MB/s	8 MB/s	TSOP, BGA, Bare die, KGD
SLC large page	1.8V - 3V	1.8V - 3V	2KB/4KB	1 Gb - 32 Gb	SLC	38 MB/s cache read	13 MB/s Multiplane	172 MB/s (8 Gb) Multiplane	TSOP, BGA, ULGA, Bare die, KGD
MLC large page	3	3	2KB/4KB	4 Gb - 64 Gb	MLC	38 MB/s cache read	5.7 MB/s (8 Gb) Multiplane	206 MB/s (8 Gb) Multiplane	TSOP, ULGA, Bare die
microSD* card	3	3	2KB	512 Gb - 8 GB	SLC MLC	20 MB/s 15 MB/s	10 MB/s 5 MB	-	Flash Card
CompactFlash* card	3V - 5V	3V - 5V	2KB	64 MB - 8 GB	SLC	19 MB/s	12.5 MB/s	-	Flash Card
eMMC*	3	1.8V - 3V	2KB	1 GB - 32 GB	SLC MLC	20 MB/s 15 MB/s	10 MB/s 5 MB	-	LFBGA
OneNAND™	1.8	1.8	2KB	1 Gb - 4 Gb	SLC	68 MB/s	9 MB/s	64 MB/s	BGA

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