

Numonyx NOR flash memory for embedded applications

Guide to parallel NOR flash memory solutions

PARALLEL NOR PRODUCT FAMILY OVERVIEW									
Family	Core Voltage	I/O Voltage	Bus Width	Density Range	Burst	Multibank Option	Security Features	Access Time	Package Options
Axcell™ P30	1.7-2.0	1.7-3.6	X16	64 Mb - 2 Gb [†]	X		X	52MHz burst	TSOP eBGA QUAD+
Axcell™ P33	2.3-3.6	2.3-3.6	X16	64 Mb - 2 Gb [†]	X		X	52MHz burst	TSOP eBGA
Axcell™ M29EW	2.7-3.6	1.65-3.6	X8, X16	32 Mb - 2 Gb [†]			X	100-110ns 25ns page	TSOP BGA
Axcell™ M29W	2.7-3.6	2.7-3.6	X8, X16	4 Mb - 256 Mb			X	45-90ns	TSOP TBGA
Axcell™ M29DW	2.7-3.6	2.7-3.6	X8, X16	32 Mb, 128 Mb - 256 Mb		X		90ns	TSOP TFBGA
Axcell™ M29F ^{††}	5	5	X16	2 Mb - 16 Mb				55ns	TSOP SO KGD
J3	2.7-3.6	2.7-3.6	X8, X16	32 Mb - 256 Mb			X	75ns 95ns (256 Mb)	TSOP eBGA
M28W	2.7-3.6	1.65-3.6	X16	16 Mb - 64 Mb			X	70-100ns	TSOP TFBGA
M58BW	2.7-3.6 2.5-3.3 (55ns)	2.7-3.6 2.5-3.3 (55ns)	X32	16 Mb - 32 Mb		X		45-70ns 56-75MHz burst	PQFP LBGA
M58LT	1.7-2.0	2.7-3.6	X16	128 Mb - 256 Mb	X	X	X	85ns 52 MHz burst	TBGA

[†]Stacked Solution

^{††}Automotive temp available

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