

Micron® Memory Support for Microsemi® Platforms

Save yourself time and money—Micron memory comes *validated* on Microsemi platforms

Micron Flash & DRAM	Product	SPI NOR Flash		SLC NAND	DDR3/L	DDR4	LPDDR3	LPDDR4/x
	Family	MT35X	MT25Q	MT29F	MT41	MT40A	MT52	MT53
	Voltage (Core)	3V	3V	3V	1.35V, 1.5V	1.2V	1.2V	1.1V
	Speed ¹	200 MHz	133 MHz	30 MB/s	800 MHz	526-1600 MHz	10-933 MHz	1866-2133 MHz
	Width	x1, x8	x1, x2, x4	x8	x8, x16	x4, x8, x16	x32, x64	x32
	Density	512Mb-2Gb	1Gb	1Gb-8Gb	2Gb, 4Gb, 8Gb	8Gb	8Gb, 16Gb, 32Gb	4Gb-64Gb
	Modules	-	-	-	ECC and non-ECC UDIMM, RDIMM, LRDIMM, SODIMM		-	-
Microsemi Platforms	SoC FPGAs							
	PolarFire™ SoC	P	P	P		✓		✓
	SmartFusion®2		✓		✓			
	FPGAs							
	PolarFire	P	✓		✓	✓	✓	
Igloo®2		✓		✓				

Please verify exact configuration and specification with your Microsemi or Micron representative.

P Pending characterization 1. The maximum speed for the flash/DRAM memory is dependent on the maximum frequency supported by the FPGA family. See the FPGA family datasheet for the maximum speeds.

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