

# 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	DDR3/L	DDR4	LPDDR3
	Family	MT25Q	MT41	MT40A	MT52
	Voltage (Core)	3V	1.35V, 1.5V	1.2V	1.2V
	Speed <sup>1</sup>	133 MHz	800 MHz	526-1333 MHz	10-933 MHz
	Width	x1, x2, x4	x8, x16	x4, x8, x16	x32, x64
	Density	1Gb	2Gb	4Gb, 8Gb	8Gb, 16Gb, 32Gb
	Microsemi Platforms	<i>SoC FPGAs</i>			
SmartFusion®2		✓	✓		
<i>FPGAs</i>					
PolarFire™		✓	✓	✓	✓
Igloo®2		✓	✓		

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

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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