

# Micron® Memory Support for Lattice Semiconductor® Products

Save yourself time and money—Micron memory comes **validated** on Lattice Semiconductor products

Micron	Product	SPI NOR Flash		LPDDR3	DDR3/L
	Family	MT25Q		MT52	MT41
	Voltage (Core)	3V		1.2V	1.35V, 1.5V
	Speed <sup>1</sup>	133 MHz		800 MHz	933 MHz
	Width	x1, x2, x4		x32	x16
	Density	128Mb	512Mb	8Gb	1Gb
Lattice Products	<b>ECP™ Family</b>				
	ECP5/ECP5-5G	✓	✓	✓	✓
	ECP3	✓			✓
	<b>iCE™ Family</b>				
	iCE40 Ultra™/Ultra Lite™/Ultra Plus	✓			
	iCE40 LP/HX/LM	✓			
	<b>MachXO™ Family</b>				
	MachXO3	✓			
	MachXO2	✓			
	<b>CrossLink® Family</b>				
	CrossLink	✓			

Please verify exact configuration and specification with your Lattice Semiconductor or Micron representative. 1. The max speed for the flash memory is dependent on the FPGA family supported frequency.

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