

Micron® Memory Support for Microsemi® Platforms

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

		Microsemi Polar Fire™ Family				Microsemi Smart Fusion2™ Family		Microsemi Igloo2™ Family	
		Polar Fire SoC Family		Polar Fire FPGA		Smart Fusion 2 SoC FPGA		Igloo2 FPGA	
		DDR3/DDR3L	DDR4	DDR3/DDR3L	DDR4	DDR3/DDR3L	DDR4	DDR3/DDR3L	DDR4
Micron DRAM	Type	DDR3/DDR3L	DDR4	DDR3/DDR3L	DDR4	DDR3/DDR3L	DDR4	DDR3/DDR3L	DDR4
	Density	4Gb	N/A	8Gb	4Gb, 8Gb	2Gb	N/A	N/A	N/A
	Config	4Gb (256Mb x 16)		8Gb (1Gb x 8)	4Gb (256Mb x 16), 8Gb (1Gb x 8)	2Gb (256Mb x 8)			
	Package	96 TFBGA		78 TFBGA	96 TFBGA, 78 TFBGA	78 TFBGA			
	Validated PN ¹	MT41K256M16TW-107:P TR		MT41K1G8SN-125:A	MT40A256M16GE-083E:B MT40A1G8WE-083E:B	MT41K256M8DA-125 AIT:K TR			
	Qty/Board	1		2	2, 1	5			
		Mobile LPDDR3		Mobile LPDDR4/X	N/A	N/A			
Type	Mobile LPDDR3	Mobile LPDDR4/X	Mobile LPDDR3	Mobile LPDDR			Mobile LPDDR3	Mobile LPDDR	
Density	16Gb	16Gb	512Mb	512Mb					
Config	16Gb (512Mb x 32)	16Gb (512Mb x 32)	512Mb (32Mb x16)	512Mb (32Mb x 16)					
Package	178 VFBGA	200 WFBGA	60 VFBGA	60 VFBGA					
Validated PN ¹	MT52L512M32D2PF-093 WT:B TR	MT53D512M32D2DS-053 WT:D TR	MT46H32M16LFBF-5 IT:C	MT46H32M16LFBF-5 IT:C					
Qty/Board	1	1	1	1					
Micron SPI NOR Flash	Type	SPI NOR	Xccela™	SPI NOR	Xccela™	SPI NOR	Xccela™	SPI NOR	Xccela™
	Density	1Gb	1Gb	1Gb	1Gb	1Gb	N/A	N/A	N/A
	Config	1Gb (128Mb x 8)	1Gb (128Mb x 8)	1Gb (128Mb x 8)	1Gb (128Mb x 8)	1Gb (256Mb x 4)			
	Package	16 SOIC	24-Ball T-PBGA	16 SOIC	24-Ball T-PBGA	16-pin SOP			
	Validated PN ¹	MT25QL01GBBB8ESF-0SIT	MT35XU01GBBA1G12-0SIT	MT25QL01GBBB8ESF-0SIT TR MT25QL01GBBB8ESF-0SIT MT25QU01GBBB8ESF-0SIT	MT35XU01GBBA1G12-0SIT	N25Q00AA13GSF40G			
	Qty/Board	1	1	1	1	1			

1. The Micron part numbers specified are the ones validated on the board. Not all parts may be available currently. Please contact your local Micron sales representative for part availability or replacement parts if not currently available.

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