Micron® Flash Memory Support for Texas Instruments™ Platforms

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

	Product	Octal SPI NOR Xccela™ Flash	SPI NOR Flash	Parallel NOR Flash	NAND Flash	e.MMC
Micron Flash	Family	**MT35X**	**MT25Q**	**M29FW**	**MT29F**	**MTFC**
	Voltage	1.8V, 3.3V	1.8V, 3.3V	3.3V Core, 1.8V–3.3V I/O	1.8V, 3.3V	1.8V, 3.3V
	Speed	400 MB/s	108 MHz	Async	On-die ECC	DDR52/HS200/HS400
	Width	Octal (x8, x1)	x1,* x2, x4	x16	x8, x16	x4, x8
	Density	256Mb–2Gb	128Mb–2Gb	512Mb–2Gb	1Gb–8Gb	2GB–64GB
Texas Instruments Platform	**Sitara™ and other ARM® Processors**					
	AM335x		✔		✔	✔
	AM35x		✔		✔	
	AM37x				✔	
	AM38x				✔	
	OMAP35x				✔	
	AM17x				✔	
	AM18x		✔		✔	
	AM437X					✔
	AM57XX					✔
	AM5K2EXX		✔		✔	
	66AK2EXX		✔		✔	
	66AK2GXX				✔	
	TMS320C5517 (DSP)					✔
	DRA7X (Jacinto 6 Infotainment)			✔	✔	✔
	TDA3X (Jacinto 6 ADAS)		✔			
	AM654X/AM652X	✔	✔			✔
	DRA80X (Jacinto 7 Gateway)	✔	✔			✔
	DRA829 (Jacinto 7 Gateway)	✔	✔			✔
	TDA4VM (Jacinto 7 ADAS)	✔	✔			✔

*Please verify exact configuration and specification with your Texas Instruments or Micron representative. *x1 only SPI supported by TI chipsets.*
Depending on the application needs, choose between Micron's standard lifecycle products and our Product Longevity Program (PLP) products with extended lifecycle support. For more information, visit www.micron.com/lifecycle.

TEXAS INSTRUMENTS

Micron®

Micron® DRAM Memory Support for Texas Instruments™ Platforms

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Product	SDR	DDR2	DDR3/DDR3L	DDR4	LPDDR	LPDDR2	LPDDR4
Micron DRAM							
Family	MT48	MT47	MT41	MT40A	MT46	MT42	MT53
Voltage	3.3V	1.5V	1.5V/1.35V	1.2V/2.5V	1.8V	1.2V	1.1V
Speed	133–166 MHz	200–400 MHz	400–933 MHz	1200 MHz	200 MHz	400 MHz	2133 MHz
Width	x8, x16	x8, x16	x8, x16	x8, x16	x16, x32	x16, x32	X16, X32
Density	64Mb, 512Mb	1Gb, 2Gb	1Gb, 2Gb, 4Gb, 8Gb	8Gb, 16Gb	512Mb, 1Gb, 2Gb	512Mb, 1Gb, 2Gb, 4Gb	16Gb, 32Gb
Sitara™ and other ARM® Processors							
AM335x		✔	✔	1.2V	✔		
AM35x		✔			✔		
AM37x					✔		
AM38x		✔	✔		✔		
OMAP35x					✔		
AM17x	✔						
AM18x		✔			✔		
AM437X			✔				
AM57XX			✔				
AM5K2EXX			✔				
66AK2EXX			✔				
66AK2GXX			✔				
TMS320C5517 (DSP)	✔						
DRA7X (Jacinto 6 Infotainment)			✔				
TDA3X (Jacinto 6 ADAS))			✔			✔	
AM654X/AM652X				✔			
DRA80X (Jacinto 7 Gateway)				✔			✔
DRA829 (Jacinto 7 Gateway)							✔
TDA4VM (Jacinto 7 ADAS)							✔

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