

Micron® Flash Memory Support for Texas Instruments™ Platforms

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

Micron Flash	Product	SPI NOR Flash		Parallel NOR Flash	NAND Flash	eMMC
	Family	M25P [†]	N25Q [†] /MT25Q	M29EW [†]	MT29F	MTFC
	Voltage	3.3V	1.8V, 3.3V	1.8V, 3.3V	1.8V, 3.3V	1.8V, 3.3V
	Speed	50 MHz	108 MHz	Async	On-die ECC	DDR52/HS200/HS400
	Width	x1	x1,* x2, x4	x8	x8, x16	x4, x8
	Density	512Kb–16Mb	32Mb–128Mb	64Mb–256Mb	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 (ADAS)		✓				

Please verify exact configuration and specification with your Texas Instruments or Micron representative. *x1 only SPI supported by TI chipsets. **168-ball PoP MCPs available. [†]EOL pending, contact Micron for availability.



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Micron DRAM	Product	SDR	DDR	DDR2	DDR3/DDR3L	LPDDR	LPDDR2
	Family	MT48	MT46	MT47	MT41	MT46	MT42
	Voltage	3.3V	2.5V	1.5V	1.5V/1.35V	1.8V	1.2V
	Speed	133–166 MHz	166–200 MHz	200–400 MHz	400–933 MHz	200 MHz	400 MHz
	Width	x8, x16	x8, x16	x8, x16	x8, x16	x16, x32	x16, x32
	Density	64Mb, 512Mb	256Mb, 512Mb	1Gb, 2Gb	1Gb, 2Gb, 4Gb, 8Gb	512Mb, 1Gb, 2Gb	512Mb, 1GB, 2Gb, 4Gb
	Sitara™ and other ARM® Processors						
Texas Instruments Platform	AM335x			✓	✓	✓	
	AM35x			✓		✓	
	AM37x					✓	
	AM38x			✓	✓	✓	
	OMAP35x					✓	
	AM17x	✓					
	AM18x			✓		✓	
	AM437X				✓		
	AM57XX				✓		
	AM5K2EXX				✓		
	66AK2EXX				✓		
	66AK2GXX				✓		
	TMS320C5517 (DSP)	✓					
	DRA7X (Jacinto 6 Infotainment)				✓		
	TDA3X (ADAS)				✓		✓

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