

Micron® Memory Support for STMicroelectronics® Chipsets

Save yourself time and money—Micron memory comes *validated* on [STM32 microprocessor](#) chipsets

Micron Memory		DRAM				NAND	NOR			e.MMC		
		LPDDR4		SDRAM		DDR3	SLC	Q-SPI				
Family		MT48H		MT4LC		MT41K	MT29F	MT25	MT25T	MT28EW	M58BW	MTFC
Voltage		1.8V		3.3V		1.35V	3.3-1.8V	3.3-1.8V	3.3-1.8V	3.3-1.8V	3.3V	
Width		x16	x32	x8, x16	x32	x16	x8, x16	x4	x8	x8, x16	x32	-
Density		512Mb		64Mb, 128Mb, 256Mb	64Mb, 128Mb	8Gb (MAX)	128Mb-16Gb	2Gb (MAX)		512Mb (MAX)		64GB (MAX)
Recommended PN		MT48H32M-16LFBxxx	MT48H16M-32LFBxxx	MT48LCxM16xx, MT48LCxM8xx	MT48LCxM32xx	MT41KxxM16xx	MT29FxG08xx, MT29FxG16xx	MT25	MT25TL	MT28EWxx	M58BWxx	MTFCxx
STM32 H7												
STM32H7x3xx		✓	✓	✓	✓		✓	✓	✓	✓	✓	
STM32 F7												
STMF7x5XX (STMF745xx, STMF765xx)		✓	✓	✓	✓		✓	✓	✓	✓	✓	
STMF746xx		✓	✓	✓	✓		✓	✓	✓	✓	✓	
STMF756xx		✓	✓	✓	✓		✓	✓	✓	✓	✓	
STMF768xx		✓	✓	✓	✓		✓	✓	✓	✓	✓	
STMF7x9xx (STMF769xx, STMF779xx)		✓	✓	✓	✓		✓	✓	✓	✓	✓	
STMF7x7xx (STMF777xx, STMF767xx)		✓	✓	✓	✓		✓	✓	✓	✓	✓	
STMF778xx		✓	✓	✓	✓		✓	✓	✓	✓	✓	
STMF7x2x (STMF722xx, STMF732xx)		✓	✓	✓	✓		✓	✓	✓	✓	✓	
STMF7x3xx (STMF723xx, STMF723xx)		✓	✓	✓	✓		✓	✓	✓	✓	✓	
STM32 F4												
STM32 F479xx		✓	✓	✓	✓		✓	✓	✓	✓	✓	
STM32 F469xx		✓	✓	✓	✓		✓	✓	✓	✓	✓	
STM32 F429xx-F427xx		✓	✓	✓	✓		✓			✓	✓	
STM32 F439xx - STM32 F437xx		✓	✓	✓	✓		✓			✓	✓	
STM32 F446		✓		✓			✓	✓	✓		✓	
STM32 F407xx - STM32 F417xx							✓			✓	✓	
STM32 F405xx - STM32 F415xx							✓			✓	✓	
STM32 F412xx								✓	✓	✓	✓	
STM32 F423xx								✓	✓	✓	✓	
STM32 F413xx								✓	✓	✓	✓	
STM32 F2												
STM32 F215xx - F217xx							✓			✓	✓	
STM32 F205xx - F207xx							✓			✓	✓	

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](#). Products are warranted only to meet Micron's production data sheet specifications. Products, programs and specifications are subject to change without notice. Dates are estimates only. ©2017 Micron Technology, Inc. All rights reserved. All information herein is provided on an "AS IS" basis without warranties of any kind. Micron, the Micron logo and Xcela are trademarks of Micron Technology, Inc. STMicroelectronics is a registered trademark of STMicroelectronics. All other trademarks are property of their respective owners. Rev. C, 3/18 CCMMD-676576390-10239



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Micron Memory		DRAM				NAND	NOR			e.MMC		
		LPDDR4		SDRAM		DDR3	SLC	Q-SPI				
Family		MT48H		MT4LC		MT41K	MT29F	MT25	MT25T	MT28EW	M58BW	MTFC
Voltage		1.8V		3.3V		1.35V	3.3-1.8V	3.3-1.8V	3.3-1.8V	3.3-1.8V	3.3V	
Width	x16	x32	x8, x16	x32	x16	x8, x16	x4	x8	x8, x16	x32	-	
Density	512Mb		64Mb, 128Mb, 256Mb	64Mb, 128Mb	8Gb (MAX)	128Mb-16Gb	2Gb (MAX)		512Mb (MAX)		64GB (MAX)	
Recommended PN	MT48H32M-16LFBxxx	MT48H16M-32LFBxxx	MT48LCxM16xx, MT48LCxM8xx	MT48LCxM32xx	MT41KxxM16xx	MT29FxG08xx, MT29FxG16xx	MT25	MT25TL	MT28EWxx	M58BWxx	MTFCxx	
STM32 F3												
STM32 F302xD - F302xE						✓			✓		✓	
STM32 F303xD - F303xE						✓			✓		✓	
STM32 F398						✓			✓		✓	
STM32 F1												
STM32F100xC - STM32F100xD - STM32F100xE)									✓		✓	
STM32F101xF - STM32F101xG						✓			✓		✓	
STM32F101xC - STM32F101xD - STM32F101xE						✓			✓		✓	
STM32F103xG - STM32F103xF						✓			✓		✓	
STM32F103xC - STM32F103xD - STM32F103xE						✓			✓		✓	
STM32 L1												
STM32L151xD - STM32L152xD									✓		✓	
STM32L162xD									✓		✓	
STM32 L4												
STM32L4x6xx (STM32L486xx - STM32L476xx- STM32L496xx - STM32L4A6xx)						✓	✓		✓		✓	
STM32L471xx						✓	✓		✓		✓	
STM32L475xx						✓	✓		✓		✓	
STM32L433xx							✓	✓			✓	
STM32L4x2xx (STM32L432xx - STM32L442xx - STM32L452xx - STM32L462xx)							✓	✓			✓	
STM32L451xx							✓	✓			✓	
STM32L431xx							✓	✓			✓	

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Micron® Memory Support for STMicroelectronics® Automotive Chipsets

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Micron Memory		DRAM					NAND		NOR				e.MMC			
		LPDDR4		SDRAM		DDR3L (1066)	DDR3L (1333)	SLC		Q-SPI		Parallel				
Family		MT48H		MT4LC		MT41K		MT29F		MT25		MT25T	MT28EW	M58BW	MTFC	
Voltage		1.8V		3.3V		1.35V		3.3-1.8V	3.3V	3.3-1.8V	3.3V	3.3-1.8V	3.3-1.8V	3.3-1.8V	3.3-1.8V	3.3V
Width		x16	x32	x8, x16	x32	x16		x8, x16		x4	x4	x8	x8, x16	x32	-	-
Density		512Mb		64Mb, 128Mb, 256Mb	64Mb, 128Mb	4Gb (MAX)	8Gb (MAX)	128Mb-16Gb		2Gb (MAX)		512Mb (MAX)	512Mb (MAX)	64GB (MAX)		
Recommended PN		MT48H32M-16LFBxxx	MT48H16M-32LFBxxx	MT48LCxM16xx, MT48LCxM8xx	MT48LCxM32xx			MT29FxG08xx, MT29FxG16xx	MT25	MT25	MT25TL	MT28EWxx	M58BWxx	MTFCxx		
STM32 Automotive	Accordo2 Automotive (Infotainment)														✓	
	STA1080x/85x/90x/95x				✓				✓	✓	✓					
	Accordo5 Automotive (Infotainment, Instruments Cluster)															
	STA1275x/85x/95x							✓	✓	✓	✓				✓	
	Telemaco2 Automotive (Telematics)															
	STA1078x/79x/88x			✓					✓	✓	✓				✓	
STM32 Automotive	Telemaco3 Automotive (Telematics)															
	STA1175x/85x/95x							✓	✓	✓	✓				✓	
	Telemaco3P Automotive (Telematics)															
	STA1375x/85x							✓	✓	✓	✓				✓	

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