

# Micron® Memory Support for STM32 uP

Save yourself time and money—

Micron memory device interfaces are compatible with the following STMicroelectronics chipsets.

Micron Memory	Product	Micron DRAM				Micron SLC NAND	Micron NOR Q-SPI		Micron NOR Parallel		
		LPSDRAM	LPSDRAM	SDRAM	SDRAM						
Family		MT48H	MT48H	MT4LC	MT4LC	MT29F	MT25, N25Q	MT25T	MT29, M28, M58	MT58BW	
Voltage (core)		1.8V	1.8V	3.3V	3.3V	3.3V	3.3-1.8V	3.3-1.8V	3.3-1.8V	3.3-1.8V	
Width		x16	x32	x8, x16	x32	x8, x16	x4	x8	x8, x16	x32	
Density		512Mb	512Mb	64Mb, 128Mb, 256Mb	64Mb, 128Mb	128Mb to 16Gb	2Gb (MAX)	2Gb (MAX)	512Mb (MAX)	512Mb (MAX)	
Recommended PN		MT48H32M16LFBxxx	MT48H16M32LFBxxx	MT48LCxM16xx MT48LCxM8xx	MT48LCxM32xx	MT29FxG08xx MT29FxG16xx	MT25-N25Q	MT25TL	M29xx M28xx	M58BWxx	
STM Chipsets (STM32 Series)	<b>STM32 F7</b>										
	STM32 F745XX	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	STM32 F746XX	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	STM32 F756XX	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	<b>STM32 F4</b>										
	STM32 F479xx	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	STM32 F469xx	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	STM32 F429xx-F427xx	✓	✓	✓	✓	✓			✓	✓	
	STM32 F439xx-F437xx	✓	✓	✓	✓	✓			✓	✓	
	STM32 F446	✓		✓		✓	✓	✓	✓		
	STM32 F407xx-F417xx	✓		✓		✓			✓		
	STM32 F405xx-F415xx	✓		✓		✓			✓		
	<b>STM32 F2</b>										
	STM32 F215xx-F217xx					✓				✓	
	STM32 F205xx-F207xx					✓				✓	
	<b>STM32 F3</b>										
	STM32 F302xD-F302xE					✓				✓	
	STM32 F303xD-F303xE					✓				✓	
	STM32 F398					✓				✓	



Micron Memory	Product	Micron DRAM				Micron SLC NAND	Micron NOR Q-SPI		Micron NOR Parallel	
		LPSDRAM	LPSDRAM	SDRAM	SDRAM					
Family	MT48H	MT48H	MT4LC	MT4LC	MT29F	MT25, N25Q	MT25T	MT29, M28, M58	MT58BW	
Voltage (core)	1.8V	1.8V	3.3V	3.3V	3.3V	3.3-1.8V	3.3-1.8V	3.3-1.8V	3.3-1.8V	
Width	x16	x32	x8, x16	x32	x8, x16	x4	x8	x8, x16	x32	
Density	512Mb	512Mb	64Mb, 128Mb, 256Mb	64Mb, 128Mb	128Mb to 16Gb	2Gb (MAX)	2Gb (MAX)	512Mb (MAX)	512Mb (MAX)	
Recommended PN	MT48H32M16LFBxxx	MT48H16M32LFBxxx	MT48LCxM16xx MT48LCxM8xx	MT48LCxM32xx	MT29FxG08xx MT29FxG16xx	N25Q00AA13GSF40 MT25-N25Q	MT25TL	M29xx M28xx	M58BWxx	
STM Chipsets (STM32 Series)	<b>STM32 F1</b>									
	STM32F100xC								✓	
	STM32F100xD									
	STM32F100xE									
	STM32F101xF					✓			✓	
	STM32F101xG									
	STM32F101xC					✓			✓	
	STM32F101xD									
	STM32F101xE									
	STM32F103xG					✓			✓	
	STM32F103xF									
	STM32F103xC					✓			✓	
	STM32F103xD									
	STM32F103xE									
	<b>STM32 L1</b>									
	STM32L151xD									✓
STM32L152xD									✓	
STM32L162xD									✓	
<b>STM32 L4</b>										
STM32L486xx					✓		✓		✓	
STM32L476xx										

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