

Micron® Memory Support for Infineon® XMC™ Microcontrollers

Save yourself time and money—Micron memory comes *validated* on Infineon microcontrollers

Micron Memory		SDRAM	Serial NOR	Parallel NOR
	Family	MT48	MT25Q	M29W, M28W
	Density	64Mb, 128Mb, 256Mb	128Mb-2Gb	4Mb, 8Mb, 16Mb
	Speed	166 MHz	166 MHz (1.8V), 133 MHz (3.3V)	Async
	Voltage (Core)	3.3V	1.8V, 3.3V	3.3V
	Width	x16	x1, x2, x4	x8, x16
	Validated part numbers	—	MT25QL128ABA1ESE-0SIT	—
	Recommended part numbers	MT48LC4M16xx MT48LC8M16xx MT48LC16M16xx	MT25Qxx	M29W160xx ¹ M29W800xx ¹ M29W400xx ¹ M28W160xx ¹
Infineon XMC MCU Solutions	XMC1000 Family, ARM® Cortex®-M0			
	XMC1100		✓ ²	
	XMC1200		✓ ²	
	XMC1300		✓ ²	
	XMC1400		✓ ²	
	XMC4000 Family, ARM Cortex-M4 with FPU			
	XMC4100		✓	
	XMC4200		✓	
	XMC4300		✓	
	XMC4400		✓	
	XMC4500	✓	✓	✓
	XMC4700	✓	✓	✓
	XMC4800	✓	✓	✓

Please verify exact configuration and specification with your Infineon or Micron representative.

1. EOL pending; contact Micron for availability.

2. Recommended 3.3V for higher data throughput.