Macronix Flash Support for STMicroelectronics STM32 Products

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	NOR					NAND					
	serial Q-SPI, xSPI					parallel				Q-SPI serial	
Data Width	x1,x2,x4			x1,x8		x8				x1,x2,x4	
Voltage	3.3V	1.8V	1.65-3.6V	3.3V	1.8V	3.3V	3.3V	1.8V	1.8V	3.3V	1.8V
Density	2Gb-1Mb	2Gb-1Mb	64Mb-1Mb	2Gb-128Mb	2Gb-64Mb	4Gb-1Gb	4Gb-1Gb	4Gb-2Gb	4Gb-2Gb	2Gb-1Gb	
Part Number	MX25L/V	MX25U	MX25R	MX25LM/LW	MX25UM/UW	MX30LFxGE	MX30LF	MX30UFxGE	MX30UF	MX35LFxGE	MX35UF[3]
Note			Low Power	OctaFlash	OctaFlash	ECCfree	4/8b ECC	ECCfree	4/8b ECC	Eccfree	
STM32MP											
STM32MP15xxx	✔	✔	✔	-	-	✔[3]	✔[3]	✔[3]	✔[3]	✔	✔[2]
STM32H7											
STM32H743/753/750	✔	✔	✔	-	-	✔	✔[2]	✔	✔[2]	✔	✔[2]
STM32H7x5/7x7	✔	✔	✔	-	-	✔	✔[2]	✔	✔[2]	✔	✔[2]
STM32F7											
STM32F7xxxx	✔	✔	✔	-	-	✔	✔[2]	✔	✔[2]	✔	✔[2]
STM32F4											
STM32F412xx/423xx/413xx	✔	✔	✔	-	-						
STM32F429xx/427xx/439xx/437xx/F407xx/417xx/405xx/415xx	-	-	-	-	-	✔	✔[2]	✔	✔[2]	-	-
STM32F469xx/479xx STM32F446Zx/446Vx	✔	✔	✔	-	-	✔	✔[2]	✔	✔[2]	✔	✔[2]
STM32F3											
STM32F302Vx/302Zx/303Vx/303Zx/398Vx	-	-	-	-	-	✔	✔[3]	✔	✔	-	-
STM32F2											
STM32F205Vx/205Zx STM32F207Ix/207Vx/207Zx STM32F215Vx/215Zx/ STM32F217Ix/217Vx/217Zx	-	-	-	-	-	✔	✔[2]	✔	✔	-	-
STM32F1											
STM32F101Vx/101Zx STM32F103Vx/103Zx STM32F105xx, STM32F107xx	-	-	-	-	-	✔	✔[2]	✔	✔	-	-
STM32L4											
STM32L4x6xx/4A6xx/471xx/475xx	✔	✔	✔	-	-	✔	✔[2]	✔	✔[2]	✔	✔[2]
STM32L432xx/442xx/452xx/462xx	✔	✔	✔	-	-	-	-	-	-	✔	✔[2]
STM32L4+											
STM32L4R9xx/4S5xx/4S9xx	✔	✔	✔	✔	✔	✔	✔[2]	✔	✔[2]	✔	✔[2]
STM32L5											
STM32L552QE/VC/VE/ZC/ZE STM32L562/QE/VE/ZE	✔	✔	✔	✔	✔	✔	✔[2]	✔	✔[2]	✔	✔[2]
STM32L552Cx/ME/Rx STM32L562CE/ME/RE	✔	✔	✔	✔	✔	-	-	-	-	✔	✔[2]
STM32WB											
STM32WB55XX	✔	✔	✔	-	-	-	-	-	-	✔	✔[2]

[1] The compatibility refers to Macronix Memories connected to QSPI, FMC and FSMC STM32 peripherals.

[2] ECC must be handled in Software

[3] under checking

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