

Macronix Flash Support for **NXP** Products

	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	
Kinetis											
K2,K3, K3S, K4, Series	✓1	-	✓1	-	-	-	-	-	-	-	-
K8x Series	✓2	✓2	✓	-	-	-	-	-	-	-	-
KL28 Series	-	-	✓1	-	-	-	-	-	-	-	-
KL8x Series	-	✓1	✓1	-	-	-	-	-	-	-	-
KM34 Series	✓2	-	-	-	-	-	-	-	-	-	-
KW38	-	-	✓1	-	-	-	-	-	-	-	-
KW41	✓2	-	-	-	-	-	-	-	-	-	-
i.MX											
i.MX 6 Series	✓2	✓	✓	-	-	-	-	-	-	-	-
i.MX 7 Series	✓1	-	✓	-	-	-	-	-	-	-	-
i.MX 8 Series	-	✓3	-	-	✓1	-	-	-	-	-	-
i.MX RT Series	✓1	-	✓2	-	✓1	-	-	-	-	-	-
LPC											
LPC18xx Series	✓	-	-	-	-	-	-	-	-	-	-
LPC40xx Series	✓	-	-	-	✓	-	-	-	-	-	-
LPC43xx Series	✓		✓	-	-	-	-	-	-	-	-
LPC54xxx Series	✓	✓	✓	-	-	-	-	-	-	-	-
S32											
S32G Series	-	✓3	-	-	✓1	-	-	-	-	-	-
S32K Series	-	✓3	-	-	✓1	-	-	-	-	-	-
S32R Series	-	✓3	-	-	✓1	-	-	-	-	-	-
S32V Series	-	✓3	-	-	✓1	-	-	-	-	-	-
Wireless											
JN5189	-	-	✓1	-	-	-	-	-	-	-	-
QN90xx Series	-	-	✓1	-	✓	-	-	-	-	-	-

▪ ✓ : No number next to checkmark = Part is compatible with chip set family

▪ ✓1 : On The Reference Board

▪ ✓2 : EPN on the Chip Set Vendor's AVL

▪ ✓3 : Compatibility Currently Being Verified

▪ ✓4 : ECC must be handled in Software or other limitations

Macronix products are guaranteed to meet Macronix datasheets only. Any other information is for reference without warranty.