

Macronix Flash Support for *Renesas* 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	
R-Car											
R-Car H1	-	✓	-	-	-	-	-	-	-	-	-
R-Car M1	-	✓	-	-	-	-	-	-	-	-	-
R-Car E1	-	✓	-	-	-	-	-	-	-	-	-
R-Car H2	-	✓	-	-	-	-	-	-	-	-	-
R-Car M2	-	✓	-	-	-	-	-	-	-	-	-
R-Car E2	-	✓	-	-	-	-	-	-	-	-	-
R-Car D1	-	✓	-	-	-	-	-	-	-	-	-
R-Car V2H	-	✓	-	-	-	-	-	-	-	-	-
R-Car H3	-	✓	-	-	✓	-	-	-	-	-	-
R-Car M3	-	✓	-	-	✓	-	-	-	-	-	-
R-Car E3	-	✓	-	-	✓	-	-	-	-	-	-
R-Car D3	-	✓	-	-	✓	-	-	-	-	-	-
R-Car V3M	-	✓	-	-	✓	-	-	-	-	-	-
R-Car V3H2	-	✓	-	-	✓	-	-	-	-	-	-
R-Car V3U	-	✓	-	-	✓	-	-	-	-	-	-
R-Car V4H	-	✓	-	-	✓	-	-	-	-	-	-
R-Car S4	-	✓	-	-	✓	-	-	-	-	-	-
R-Car H3e	-	✓	-	-	✓	-	-	-	-	-	-
R-Car H3Ne	-	✓	-	-	✓	-	-	-	-	-	-
R-Car M3e	-	✓	-	-	✓	-	-	-	-	-	-
R-Car M3Ne	-	✓	-	-	✓	-	-	-	-	-	-
R-Car E3e	-	✓	-	-	✓	-	-	-	-	-	-
R-Car D3e	-	✓	-	-	✓	-	-	-	-	-	-

- ✓1 : Designed on chip set vendor's reference board
- ✓2 : Listed on chip set vendor's AVL
- ✓3 : If on AVL, it is supported by chip set vendor's production software and tools
- ✓4 : There is some limitation. Contact sales support for details
- ✓ : Part is compatible and recommended for chip set family

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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	
RH850											
RH850/C1H	✓	-	-	-	-	-	-	-	-	-	-
RH850/C1M-A1	✓	-	-	-	-	-	-	-	-	-	-
RH850/C1M-A2	✓	-	-	-	-	-	-	-	-	-	-
RH850/D1S1	✓	-	-	-	-	-	-	-	-	-	-
RH850/D1L1	✓	-	-	-	-	-	-	-	-	-	-
RH850/D1L2	✓	-	-	-	-	-	-	-	-	-	-
RH850/D1L2H	✓	-	-	-	-	-	-	-	-	-	-
RH850/D1M1-V2	✓	-	-	-	-	-	-	-	-	-	-
RH850/D1M1A	✓	-	-	✓ ¹	-	-	-	-	-	-	-
RH850/D1M2	✓	-	-	-	-	-	-	-	-	-	-
RH850/D1M2H	✓	-	-	-	-	-	-	-	-	-	-
RH850/F1L	✓	-	-	-	-	-	-	-	-	-	-
RH850/F1H	✓	-	-	-	-	-	-	-	-	-	-
RH850/F1KM-S1	✓	-	-	-	-	-	-	-	-	-	-
RH850/F1KM-S4	✓	-	-	-	-	-	-	-	-	-	-
RH850/F1K	✓	-	-	-	-	-	-	-	-	-	-
RH850/F1KH-D8	✓	-	-	-	-	-	-	-	-	-	-
RH850/E2M	✓	-	-	-	-	-	-	-	-	-	-
RH850/E2H	✓	-	-	-	-	-	-	-	-	-	-
RH850/E2UH	✓	-	-	-	-	-	-	-	-	-	-
RH850/P1H-C	✓	-	-	-	-	-	-	-	-	-	-
RH850/P1M	✓	-	-	-	-	-	-	-	-	-	-
RH850/P1M-C	✓	-	-	-	-	-	-	-	-	-	-
RH850/P1L-C	✓	-	-	-	-	-	-	-	-	-	-
RH850/P1M-E	✓	-	-	-	-	-	-	-	-	-	-
RH850/U2A16	✓	-	-	-	-	-	-	-	-	-	-

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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	
RZ											
RZ/A1H	✓2	✓2	-	-	-	-	-	-	-	-	-
RZ/A1M	✓2	✓2	-	-	-	-	-	-	-	-	-
RZ/A1L	✓2	✓2	-	-	-	-	-	-	-	-	-
RZ/A1LU	✓2	✓2	-	-	-	-	-	-	-	-	-
RZ/A1LC	✓2	✓2	-	-	-	-	-	-	-	-	-
RZ/A2M	✓1	✓2	-	✓1	✓2	-	-	-	-	-	-
RZ/A3UL	✓2	✓1	-	✓2	✓1	-	-	-	-	-	-
RZ/G1H	✓2	✓2	-	-	-	-	-	-	-	-	-
RZ/G1M	✓2	✓2	-	-	-	-	-	-	-	-	-
RZ/G1N	✓2	✓2	-	-	-	-	-	-	-	-	-
RZ/G1E	✓2	✓2	-	-	-	-	-	-	-	-	-
RZ/G1C	✓2	✓2	-	-	-	-	-	-	-	-	-
RZ/G2H	✓2	✓2	-	✓2	✓2	-	-	-	-	-	-
RZ/G2M	✓2	✓2	-	✓2	✓2	-	-	-	-	-	-
RZ/G2N	✓2	✓2	-	✓2	✓2	-	-	-	-	-	-
RZ/G2E	✓2	✓2	-	✓2	✓2	-	-	-	-	-	-
RZ/G2L	✓2	✓2	-	✓2	✓2	-	-	-	-	-	-
RZ/G2LC	✓2	✓2	-	✓2	✓2	-	-	-	-	-	-
RZ/G2UL	✓2	✓2	-	✓2	✓2	-	-	-	-	-	-
RZ/V2M	-	✓3	-	-	-	-	-	-	-	-	-
RZ/V2L	-	✓3	-	-	-	-	-	-	-	-	-
RZ/V2MA	-	✓3	-	-	-	-	-	-	-	-	-
RZ/T1	✓2	✓2	-	-	-	-	-	-	-	-	-
RZ/T2M	✓2	✓1	-	-	✓1	-	-	-	-	-	-
RZ/N1D	✓2	✓2	-	-	-	-	-	-	-	-	-
RZ/N1L	✓2	✓2	-	-	-	-	-	-	-	-	-
RZ/N1S	✓2	✓2	-	-	-	-	-	-	-	-	-
RZ/N2L	✓2	✓1	-	-	✓1	-	-	-	-	-	-

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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	
RX											
RX72N	✓1	-	✓2	-	-	-	-	-	-	-	-
RX72M	✓1	-	✓2	-	-	-	-	-	-	-	-
RX71M	✓1	-	✓2	-	-	-	-	-	-	-	-
RX72T	✓2	-	✓2	-	-	-	-	-	-	-	-
RX671	✓1	-	✓2	-	-	-	-	-	-	-	-
RX65N	✓2	-	✓2	-	-	-	-	-	-	-	-
RX651	✓1	-	✓2	-	-	-	-	-	-	-	-
RX64M	✓1	-	✓2	-	-	-	-	-	-	-	-
RX66T	✓2	-	✓2	-	-	-	-	-	-	-	-
RX66N	✓2	-	✓2	-	-	-	-	-	-	-	-
RX63T	✓2	-	✓2	-	-	-	-	-	-	-	-
RX63N	✓2	-	✓2	-	-	-	-	-	-	-	-
RX631	✓1	-	✓2	-	-	-	-	-	-	-	-
RX630	✓1	-	✓2	-	-	-	-	-	-	-	-
RX634	✓1	-	✓2	-	-	-	-	-	-	-	-
RX230	✓1	-	✓2	-	-	-	-	-	-	-	-
RX231	✓1	-	✓2	-	-	-	-	-	-	-	-
RX23T	✓2	-	✓2	-	-	-	-	-	-	-	-
RX23W	✓2	-	✓2	-	-	-	-	-	-	-	-
RX23E-A	✓2	-	✓2	-	-	-	-	-	-	-	-
RX24T	✓1	-	✓2	-	-	-	-	-	-	-	-
RX24U	✓1	-	✓2	-	-	-	-	-	-	-	-
Synergy											
F7G2	✓	-	✓	-	-	-	-	-	-	-	-
S5D9	✓	-	✓	-	-	-	-	-	-	-	-
S5D5	✓	-	✓	-	-	-	-	-	-	-	-
S5D3	✓	-	✓	-	-	-	-	-	-	-	-
S3A7	✓	-	✓	-	-	-	-	-	-	-	-
S3A6	✓	-	✓	-	-	-	-	-	-	-	-
S3A3	✓	-	✓	-	-	-	-	-	-	-	-
S3A1	✓	-	✓	-	-	-	-	-	-	-	-
S124	✓	-	✓	-	-	-	-	-	-	-	-
S128	✓	-	✓	-	-	-	-	-	-	-	-
S1JA	✓	-	✓	-	-	-	-	-	-	-	-
RE											
RE01	✓	-	✓1	-	-	-	-	-	-	-	-

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Note			Low Power	OctaFlash	OctaFlash	ECCfree	4/8b ECC	ECCfree	4/8b ECC	Eccfree	
RA											
RA2A1	✓	-	✓	-	-	-	-	-	-	-	-
RA2L1	✓2	-	✓2	-	-	-	-	-	-	-	-
RA2E1	✓2	-	✓2	-	-	-	-	-	-	-	-
RA2E2	✓2	-	✓2	-	-	-	-	-	-	-	-
RA4M1	✓	-	✓	-	-	-	-	-	-	-	-
RA4M2	✓2	-	✓2	-	-	-	-	-	-	-	-
RA4M3	✓2	-	✓2	-	-	-	-	-	-	-	-
RA4W1	✓	-	✓	-	-	-	-	-	-	-	-
RA4E1	✓2	-	✓2	-	-	-	-	-	-	-	-
RA6M1	✓2	-	✓	-	-	-	-	-	-	-	-
RA6M2	✓2	-	✓	-	-	-	-	-	-	-	-
RA6M3	✓2	-	✓	-	-	-	-	-	-	-	-
RA6M4	✓1	-	✓2	✓1	-	-	-	-	-	-	-
RA6M5	✓1	-	✓2	✓1	-	-	-	-	-	-	-
RA6E1	✓2	-	✓2	-	-	-	-	-	-	-	-
RA6T1	✓2	-	✓2	-	-	-	-	-	-	-	-
RA6T2	✓2	-	✓2	-	-	-	-	-	-	-	-

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