MACRONIX INTERNATIONAL CO., LTD.

Product Longevity Program

3V Serial NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design Update	Remark or Recommended Product
						From	Year	To		
2Gb	x1/x2/x4	24	TFBGA	Industrial	MX66L2G45GXRI00	Mar. 2025	10	Mar. 2035	Yes	
1Gb	x1/x8	24	TFBGA	Industrial	MX66LM1G45GXDI00	Jul. 2021	10	Jul. 2031	Yes	
	x1/x2/x4	16	SOP	Automotive	MX66L1G45GMR-08G	Apr. 2018	10	Apr. 2028	Yes	
					MX66L1G45GMR-10G	Dec. 2016	13	Dec. 2029	Yes	MX66L1G45GMR-08G
		24	TFBGA		MX66L1G45GXDR-08G	Apr. 2018	10	Apr. 2028	Yes	
					MX66L1G45GXDS-10G	Dec. 2016	10	Dec. 2026	Yes	
					MX66L1G85GXDR-08G	Jul. 2020	10	Jul. 2030	Yes	
					MX66L1G85GXDR-10G	Jul. 2017	10	Jul. 2027	No	MX66L1G85GXDR-08G
					MX66L1G89GXDR-10G	Oct. 2021	10	Oct. 2031	Yes	
		16	SOP	Industrial	MX66L1G45GMI-08G	Oct. 2020	10	Oct. 2030	Yes	
		24	TFBGA		MX66L1G45GXDI-08G	Oct. 2020	10	Oct. 2030	Yes	
512Mb	x1/x8		WAFER	Automotive	MX25LM51245GWSR00	Dec. 2016	10	Dec. 2026	Yes	
		16	SOP		MX25LM51245GMR00	Jul. 2023	10	Jul. 2033	Yes	
		24	TFBGA		MX25LW51245GXDQ00	Jul. 2023	10	Jul. 2033	Yes	
				Industrial	MX25LM51245GXDI00	Jul. 2021	10	Jul. 2031	Yes	
	x1/x2/x4	8	WSON	Automotive	MX25L51245GZ2S-08G	Jul. 2017	10	Jul. 2027	Yes	
		16	SOP		MX25L51245GMQ-08G	Apr. 2020	10	Apr. 2030	Yes	
					MX25L51245GMR-08G	Apr. 2020	10	Apr. 2030	Yes	
					MX25L51245GMR-10G	Dec. 2016	13	Dec. 2029	Yes	MX25L51245GMR-08G
					MX66L51285GMR-08G	Jul. 2020	10	Jul. 2030	Yes	
					MX66L51285GMR-10G	Jul. 2017	15	Jul. 2032	No	MX66L51285GMR-08G
					MX66L51239FMR-10G	Apr. 2018	10	Apr. 2028	No	MX25L51245GMR-08G
		24	TFBGA		MX25L51245GXDR-10G	Oct. 2017	10	Oct. 2027	Yes	
					MX25L51245GXDR-08G	Jul. 2023	10	Jul. 2033	Yes	
		8	WSON	Industrial	MX25L51245GZ2I-08G	Jul. 2018	10	Jul. 2028	Yes	
					MX66L51235FZ2I-10G	Feb. 2014	13	Feb. 2027	No	MX25L51245GZ2I-08G
		16	SOP		MX66L51235FMI-10G	Feb. 2014	15	Dec. 2029	No	MX25L51245GMI-08G
					MX25L51245GMI-08G	Apr. 2018	10	Apr. 2028	Yes	
					MX25L51245GMJ-08G	Apr. 2020	10	Apr. 2030	Yes	
					MX66L51235FMJ-10G	Apr. 2018	10	Apr. 2028	No	MX25L51245GMJ-08G
		24	TFBGA		MX25L51245GXDI-08G	Jan. 2018	17	Dec. 2035	Yes	

3V Serial NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
256Mb	x1/x8	24	TFBGA	Automotive	MX25LM25645GXDR00	Jul. 2023	10	Jul. 2033	Yes	
					MX25LW25645GXDR00	Jul. 2023	10	Jul. 2033	Yes	
				Industrial	MX25LM25645GXDI00	Feb. 2023	10	Feb. 2033	Yes	
	x1/x2/x4	16	SOP	Automotive	MX25L25635FMR-10G	Feb. 2014	15	Dec. 2029	No	MX25L25645GMR-08G
					MX25L25635FMS-10G	Apr. 2018	10	Apr. 2028	No	Contact Macronix
					MX25L25639FMQ-10G	Apr. 2018	10	Apr. 2028	No	MX25L25645GMQ-08G
					MX25L25645GMR-08G	Apr. 2018	10	Apr. 2028	Yes	
					MX25L25645GMR-10G	Dec. 2016	13	Dec. 2029	Yes	MX25L25645GMR-08G
					MX25L25645GMQ-08G	Jan. 2020	10	Jan. 2030	Yes	
					MX66L25685GMR-08G	Jul. 2020	10	Jul. 2030	Yes	
					MX66L25685GMR-10G	Oct. 2017	13	Oct. 2030	No	MX66L25685GMR-08G
		8			MX25L25645GM2R-08G	Jul. 2023	10	Jul. 2033	Yes	
					MX25L25645GM2R-10G	Apr. 2018	10	Apr. 2028	Yes	
			WSON		MX25L25635FZ2R-10G	Feb. 2014	15	Dec. 2029	Yes	
					MX25L25673GZ2R-08G	Jul. 2023	10	Jul. 2033	Yes	
		24	TFBGA		MX25L25639FXDQ-10G	Jul. 2017	16	Jan. 2033	Yes	MX25L25645GXDQ-08G
					MX25L25645GXDR-08G	Jul. 2020	10	Jul. 2030	Yes	
					MX25L25645GXDR-10G	Dec. 2016	13	Dec. 2029	Yes	MX25L25645GXDR-08G
					MX25L25645GXDQ-08G	Feb. 2024	10	Feb. 2034	Yes	
			WAFER	Industrial	MX25L25645GWJI-08	Jul. 2020	10	Jul. 2030	Yes	
		8	WSON		MX25L25645GZ2I-08G	Jan. 2020	10	Jan. 2030	Yes	
					MX25L25635FZ2I-10G	Feb. 2014	15	Dec. 2029	No	MX25L25645GZ2I-08G
					MX25L25735FZ2I-10G	Feb. 2014	10	Feb. 2024	No	MX25L25773GZ4I-08G
					MX25L25773GZ4I-08G	Oct. 2022	10	Oct. 2032	Yes	
			SOP		MX25L25645GM2I-08G	Jul. 2017	15	Jul. 2032	Yes	
		16			MX25L25635FMI-10G	Feb. 2014	15	Dec. 2029	No	MX25L25645GMI-08G
					MX25L25745GMI-08G	Jul. 2020	10	Jul. 2030	Yes	
					MX25L25735FMI-10G	Feb. 2014	15	Dec. 2029	No	MX25L25745GMI-08G
					MX25L25645GMI-08G	Oct. 2017	18	Mar. 2035	Yes	
		24	TFBGA		MX25L25655FXDI-10G	Feb. 2014	10	Feb. 2024	No	MX25L25645GXDI-08G
					MX25L25645GXDI-08G	Jan. 2018	10	Jan. 2028	Yes	

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Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
128Mb	x1/x2/x4	8	SOP	Automotive	MX25L12833FM2Q-10G	Jul. 2019	10	Jul. 2029	Yes	
					MX25L12833FM2R-10G	Apr. 2020	10	Apr. 2030	Yes	MX25L12845GM2R-08G
					MX25L12833FM2S-10G	Jul. 2020	10	Jul. 2030	Yes	
					MX25L12835FM2S-10G	Dec. 2015	10	Dec. 2025	Yes	
					MX25L12845GM2R-08G	Apr. 2021	10	Apr. 2031	Yes	
		16			MX25L12833FMR-10G	Jul. 2020	10	Jul. 2030	Yes	MX25L12845GMR-10G
					MX25L12835FMR-10G	Feb. 2014	15	Dec. 2029	Yes	MX25L12845GMR-08G
					MX25L12833FMS-10G	Jul. 2020	10	Jul. 2030	Yes	
					MX25L12835FMS-10G	Feb. 2014	13	Feb. 2027	Yes	
					MX25L12833FMQ-10G	Jul. 2020	10	Jul. 2030	Yes	
					MX25L12839FMQ-10G	Dec. 2016	10	Dec. 2026	Yes	
					MX25L12845GMR-08G	Jul. 2020	10	Jul. 2030	Yes	
					MX25L12845GMR-10G	Dec. 2015	14	Dec. 2029	Yes	
		24	TFBGA		MX25L12833FXDQ-10G	Jul. 2023	10	Jul. 2033	Yes	MX25L12845GXDQ-08G
					MX25L12833FXDS-10G	Jul. 2020	10	Jul. 2030	Yes	
					MX25L12835FXDS-10G	Dec. 2015	10	Dec. 2025	No	Contact Macronix
					MX25L12839FXDQ-10G	Jan. 2024	9	Jan. 2033	Yes	MX25L12833FXDQ-10G
		8	SOP	Industrial	MX25L12833FM2I-10G	Apr. 2020	10	Apr. 2030	Yes	MX25L12845GM2I-08G
					MX25L12835FM2I-10G	Feb. 2014	14	Feb. 2028	Yes	MX25L12833FM2I-10G
					MX25L12872FM2I-10G	Mar. 2025	10	Mar. 2035	Yes	
					MX25L12845GM2I-08G	Oct. 2017	10	Oct. 2027	Yes	
			WSON		MX25L12833FZNI-10G	Apr. 2020	10	Apr. 2030	Yes	MX25L12845GZNI-08G
					MX25L12833FZ2I-10G	Jul. 2020	10	Jul. 2030	Yes	MX25L12845GZ2I-08G
					MX25L12835FZ2I-10G	Feb. 2014	15	Dec. 2029	Yes	MX25L12833FZ2I-10G
					MX25L12835FZNI-10G	Feb. 2014	15	Dec. 2029	Yes	MX25L12833FZNI-10G
					MX25L12872FZNI-10G	Oct. 2019	10	Oct. 2029	Yes	
		16	SOP		MX25L12833FMI-10G	Jul. 2020	15	Dec. 2035	Yes	MX25L12845GMI-08G
					MX25L12835FMI-10G	Feb. 2014	21	Mar. 2035	Yes	MX25L12833FMI-10G
					MX25L12845EMI-10G	Mar. 2016	10	Dec. 2026	No	MX25L12845GMI-08G
		24	TFBGA		MX25L12855FXDI-10G	Feb. 2014	10	Feb. 2024	No	Contact Macronix
					MX25L12845GXDI-08G	Jan. 2018	10	Jan. 2028	Yes	

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3V Serial NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
64Mb	x1/x2/x4		WAFER	Automotive	MX25L6435EWGR-12	Feb. 2014	8	Feb. 2022	Yes	
		8	SOP		MX25L6435EM2Q-12G	Dec. 2015	10	Dec. 2025	No	MX25L6433FM2Q-09G
					MX25L6435EM2R-12G	Feb. 2014	13	Feb. 2027	Yes	MX25L6433FM2R-08G
					MX25L6433FM2S-08Q	Jul. 2020	10	Jul. 2030	Yes	MX25L6433FM2S-08G
					MX25L6435EM2S-10G	Feb. 2014	10	Feb. 2024	No	MX25L6433FM2S-08G
					MX25L6433FM2S-08G	Apr. 2018	10	Apr. 2028	Yes	
					MX25L6433FM2R-08Q	Jul. 2020	10	Jul. 2030	Yes	MX25L6433FM2R-08G
					MX25L6433FM2R-08G	Dec. 2016	13	Dec. 2029	Yes	
					MX25L6433FM2Q-09Q	Jul. 2020	10	Jul. 2030	Yes	MX25L6433FM2Q-09G
					MX25L6433FM2Q-09G	Apr. 2018	10	Apr. 2028	Yes	
					MX25L6473EM2R-12G	Dec. 2015	11	Dec. 2026	Yes	
					MX25L6445EM2Q-12G	Apr. 2018	10	Apr. 2028	Yes	MX25L6433FM2Q-09G
			WSON		MX25L6433FZNQ-09G	Oct. 2019	10	Oct. 2029	Yes	
					MX25L6433FZNQ-09Q	Oct. 2020	10	Oct. 2030	Yes	MX25L6433FZNQ-09G
					MX25L6433FZ2S-08G	Apr. 2018	10	Apr. 2028	Yes	
					MX25L6433FZ2S-08Q	Oct. 2020	10	Oct. 2030	Yes	MX25L6433FZ2S-08G
		16	SOP		MX25L6433FMR-08Q	Jul. 2020	10	Jul. 2030	Yes	MX25L6433FMR-08G
					MX25L6445EMR-12G	Feb. 2014	15	Dec. 2029	Yes	MX25L6433FMR-08G
					MX25L6435EMR-12G	Dec. 2014	13	Dec. 2027	No	MX25L6433FMR-08G
		24	TFBGA		MX25L6439EXDQ-12G	Jul. 2017	10	Jul. 2027	Yes	MX25L6433FXDQ-09G
	x1/x2	8	SOP	Industrial	MX25L6406EM2I-12G	Feb. 2014	15	Dec. 2029	Yes	MX25L6433FM2I-08G
			WSON		MX25L6406EZ3I-12G	Feb. 2014	8	Nov. 2022	No	MX25L6433FZNI-08G
					MX25L6406EZNI-12G	Feb. 2014	15	Dec. 2029	Yes	MX25L6433FZ2I-08G
		16	SOP		MX25L6406EMI-12G	Feb. 2014	10	Feb. 2024	No	MX25L6433FMI-08G
	x1/x2/x4		WAFER		MX25L6433FWJI-09	Jul. 2020	10	Jul. 2030	Yes	
					MX25L6433FWJI-08	Feb. 2015	7	Nov. 2022	No	MX25L6433FWJI-09
		8	SOP		MX25L6435EM2I-10G	Feb. 2014	15	Dec. 2029	Yes	MX25L6433FM2I-08G
					MX25L6433FM2I-08G	Feb. 2015	17	Jul. 2032	Yes	
					MX25L6433FM2J-08Q	Jan. 2024	10	Jan. 2034	Yes	
			WSON		MX25L6435EZNI-10G	Feb. 2014	10	Feb. 2024	Yes	MX25L6433FZNI-08G
					MX25L6433FZNI-08G	Feb. 2015	13	Feb. 2028	Yes	
					MX25L6433FZ2I-08G	Oct. 2017	13	Oct. 2030	Yes	
			XSON		MX25L6433FZCI-08Q	Feb. 2024	7	Feb. 2031	Yes	
		16	SOP		MX25L6433FMI-08G	Feb. 2015	20	Dec. 2035	Yes	
					MX25L6445EMI-10G	Mar. 2016	10	Mar. 2026	No	MX25L6433FMI-08G
		24	TFBGA		MX25L6456EXCI-10G	Feb. 2014	10	Feb. 2024	Yes	
					MX25L6456FXCI-09G	Feb. 2015	14	Dec. 2029	Yes	
					MX25L6456FXDI-09G	Feb. 2015	13	Feb. 2028	Yes	

3V Serial NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
32Mb	x1/x2	8	SOP	Automotive	MX25L3206EM2R-12G	Feb. 2014	10	Feb. 2024	Yes	MX25L3233FM2R-08G
					MX25L3206EM2S-12G	Feb. 2014	13	Feb. 2027	Yes	MX25L3233FM2S-08G
				Industrial	MX25L3206EM2I-12G	Feb. 2014	21	Mar. 2035	Yes	MX25L3233FM2I-08G
			USON		MX25L3206EZUI-12G	Feb. 2014	10	Feb. 2024	Yes	MX25L3233FZCI-08Q
			WSON		MX25L3206EZNI-12G	Feb. 2014	15	Dec. 2029	No	MX25L3233FZNI-08G
		16	SOP		MX25L3206EMI-12G	Feb. 2014	12	Dec. 2026	Yes	
	x1/x2/x4		WAFER	Automotive	MX25L3233FWJQ-08	Apr. 2019	10	Apr. 2029	Yes	
					MX25L3235EWGQ-12	Dec. 2014	15	Dec. 2029	Yes	MX25L3233FWJQ-08
		8			MX25L3235EM2Q-12G	Apr. 2018	10	Apr. 2028	Yes	MX25L3233FM2Q-08G
					MX25L3235EM2R-10G	Feb. 2014	15	Dec. 2029	Yes	MX25L3233FM2R-08G
					MX25L3235EM2S-10G	Feb. 2014	12	Dec. 2026	Yes	MX25L3233FM2S-08G
					MX25L3233FM1Q-08Q	Jan. 2020	10	Jan. 2030	Yes	MX25L3233FM1Q-08G
					MX25L3233FM1R-08Q	Jul. 2020	10	Jul. 2030	Yes	MX25L3233FM1R-08G
					MX25L3233FM1R-08G	Mar. 2017	15	Mar. 2032	Yes	
					MX25L3233FM2S-08Q	Jul. 2020	10	Jul. 2030	Yes	MX25L3233FM2S-08G
					MX25L3233FM2S-08G	Dec. 2016	13	Dec. 2029	Yes	
					MX25L3233FM2R-08Q	Jul. 2020	10	Jul. 2030	Yes	MX25L3233FM2R-08G
					MX25L3233FM2R-08G	Oct. 2017	15	Oct. 2032	Yes	
					MX25L3233FM2Q-08Q	Jul. 2020	10	Jul. 2030	Yes	MX25L3233FM2Q-08G
					MX25L3233FM2Q-08G	Jul. 2020	10	Jul. 2030	Yes	
			USON		MX25L3233FZBR-08Q	Apr. 2019	10	Apr. 2029	Yes	
		16	SOP		MX25L3233FMQ-08G	Apr. 2019	10	Apr. 2029	Yes	
					MX25L3233FMQ-08Q	Oct. 2020	10	Oct. 2030	Yes	MX25L3233FMQ-08G
					MX25L3235EMR-10G	Dec. 2014	14	Dec. 2028	Yes	
			WAFER	Industrial	MX25L3233FWJI-08	Feb. 2015	10	Feb. 2025	Yes	
					MX25L3233FWJI-09	Oct. 2020	10	Oct. 2030	Yes	
		8	SOP		MX25L3235EM2I-10G	Feb. 2014	14	Feb. 2028	Yes	MX25L3233FM2I-08G
					MX25L3255EM2I-10G	Feb. 2014	15	Dec. 2029	Yes	
					MX25L3233FM1I-08G	Feb. 2015	20	Dec. 2035	Yes	
					MX25L3233FM2I-08G	Feb. 2015	20	Mar. 2035	Yes	
					MX25L3233FM2I-08Q	Jul. 2017	15	Jul. 2032	Yes	
			WSON		MX25L3235EZNI-10G	Feb. 2014	15	Dec. 2029	No	MX25L3233FZNI-08G
					MX25L3233FZNI-08G	Feb. 2015	13	Feb. 2028	Yes	
			USON		MX25L3233FZBI-08G	Apr. 2017	15	Apr. 2032	Yes	
					MX25L3233FZBI-08Q	Apr. 2017	15	Apr. 2032	Yes	MX25L3233FZBI-08G
					MX25L3233FZCI-08Q	Apr. 2021	10	Apr. 2031	Yes	
		16	SOP		MX25L3233FMI-08G	Feb. 2015	14	Dec. 2029	Yes	
		24	TFBGA		MX25L3254EXDI-10G	Oct. 2018	10	Oct. 2028	Yes	
					MX25L3255EXCI-10G	Feb. 2014	15	Dec. 2029	Yes	
					MX25L3255EXDI-10G	Mar. 2016	10	Mar. 2026	Yes	

2.5V Serial NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
32Mb	x1/x2/x4	8	USON	Industrial	MX25V3233FZAI	Apr. 2024	8	Apr. 2032	Yes	

MACRONIX INTERNATIONAL CO., LTD.

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3V Serial NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
16Mb	x1/x2	8	SOP	Automotive	MX25L1606EM1Q-12G	Feb. 2014	13	Feb. 2027	Yes	MX25V1635FM1Q
					MX25L1606EM1R-12G	Feb. 2014	12	Dec. 2026	Yes	MX25V1635FM1R
					MX25L1606EM1S-12G	Feb. 2014	15	Dec. 2029	Yes	MX25V1635FM1S
					MX25L1606EM2Q-12G	Apr. 2018	10	Apr. 2028	Yes	MX25V1635FM2Q
					MX25L1606EM2R-12G	Feb. 2014	13	Dec. 2027	Yes	MX25V1635FM2R
					MX25L1606EM2S-12G	Feb. 2014	10	Feb. 2024	No	MX25V1635FM2S
			WAFER	Industrial	MX25L1606EWGI-12	Feb. 2014	15	Dec. 2029	Yes	
		8	SOP		MX25L1606EM1I-12G	Feb. 2014	14	Feb. 2028	Yes	
					MX25L1606EM2I-12G	Feb. 2014	20	Dec. 2034	Yes	MX25V1635FM2I
			USON		MX25L1606EZUI-12G	Feb. 2014	14	Feb. 2028	Yes	
			WSON		MX25L1606EZNI-12G	Feb. 2014	15	Dec. 2029	No	MX25V1635FZNI
		16	SOP		MX25L1606EMI-12G	Feb. 2014	15	Dec. 2029	Yes	
	x1/x2/x4	8	SOP	Automotive	MX25L1633EM2R-10G	Feb. 2014	15	Feb. 2029	Yes	MX25V1635FM2R
					MX25L1633EM2S-10G	Feb. 2014	15	Dec. 2029	Yes	MX25V1635FM2S
			WSON		MX25L1633EZNR-10G	Feb. 2014	10	Feb. 2024	Yes	
					MX25L1633EZNS-10G	Dec. 2014	15	Dec. 2029	Yes	
			WAFER	Industrial	MX25L1633EWRI-10	Feb. 2014	15	Dec. 2029	Yes	
		8	SOP		MX25L1635EM2I-10G	Feb. 2014	10	Feb. 2024	No	MX25V1635FM2I
					MX25L1636EM2I-08G	Feb. 2014	10	Feb. 2024	Yes	
					MX25L1633EM2I-10G	Feb. 2014	24	Feb. 2038	Yes	MX25V1635FM2I
			USON		MX25L1633EZUI-10G	Feb. 2014	15	Dec. 2029	No	Contact Macronix
			WSON		MX25L1633EZNI-10G	Feb. 2014	15	Dec. 2029	Yes	MX25V1635FZNI

2.5V Serial NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
16Mb	x1/x2/x4	8	SOP	Automotive	MX25V1635FM1Q03	Jul. 2020	15	Jul. 2035	Yes	MX25V1635FM1Q
					MX25V1635FM1Q	Jan. 2019	10	Jan. 2029	Yes	
					MX25V1635FM1R03	Jul. 2020	10	Jul. 2030	Yes	MX25V1635FM1R
					MX25V1635FM1R	Apr. 2018	10	Apr. 2028	Yes	
					MX25V1635FM1S03	Jul. 2020	10	Jul. 2030	Yes	MX25V1635FM1S
					MX25V1635FM1S	Dec. 2016	10	Dec. 2026	Yes	
					MX25V1635FM2R	Oct. 2019	10	Oct. 2029	Yes	
					MX25V1635FM2S03	Jul. 2020	10	Jul. 2030	Yes	MX25V1635FM2S
					MX25V1635FM2S	Oct. 2019	10	Oct. 2029	Yes	
			WSON		MX25V1635FZNS03	Jul. 2020	10	Jul. 2030	Yes	
					MX25V1635FZNQ	Jan. 2019	10	Jan. 2029	Yes	
					MX25V1635FZNQ03	Oct. 2020	10	Oct. 2030	Yes	MX25V1635FZNQ
	x1/x2	8	SOP	Industrial	MX25V1606FM1I03	Jul. 2020	10	Jul. 2030	No	MX25V1635FM1I
					MX25V1606FM2I03	Jul. 2020	10	Jul. 2030	No	MX25V1635FM2I
					MX25V16066M1I02	May 2021	10	May 2031	No	MX25V1635FM1I
					MX25V16066M2I02	May 2021	10	May 2031	No	MX25V1635FM2I
			WSON		MX25V1606FZNI03	Jul. 2020	10	Jul. 2030	No	MX25V1635FZNI
					MX25V16066ZNI02	Jul. 2021	10	Jul. 2031	No	MX25V1635FZNI
	x1/x2/x4		WAFER		MX25V1635FW8I03	Jul. 2020	10	Jul. 2030	Yes	
		8	SOP		MX25V1635FM1I	Apr. 2018	17	Dec.2035	Yes	
					MX25V1635FM2I	Apr. 2017	15	Apr. 2032	Yes	
			WSON		MX25V1635FZNI	Jan. 2019	10	Jan. 2029	Yes	
			USON		MX25V1635FZUI	Oct. 2019	10	Oct. 2029	Yes	

Note: The Vcc of 2.5V products cover the Vcc specification of 3V products.

MACRONIX INTERNATIONAL CO., LTD.

Product Longevity Program

3V Serial NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
8Mb	x1/x2		WAFER	Automotive	MX25L8006EWGS-12	Feb. 2014	15	Dec. 2029	Yes	
		8	SOP		MX25L8006EM1Q-12G	Feb. 2014	13	Feb. 2027	Yes	MX25V8035FM1Q
					MX25L8006EM1R-12G	Feb. 2014	15	Dec. 2029	Yes	MX25V8035FM1R
					MX25L8006EM1S-12G	Feb. 2014	15	Dec. 2029	Yes	
					MX25L8006EM2R-12G	Feb. 2014	13	Feb. 2027	Yes	
					MX25L8006EM2S-12G	Feb. 2014	10	Feb. 2024	Yes	
			USON		MX25L8006EZUQ-12G	Dec. 2015	10	Dec. 2025	Yes	
			WAFER	Industrial	MX25L8006EWGI-12	Feb. 2014	15	Dec. 2029	Yes	MX25V8035FW8I03
		8	SOP		MX25L8006EM1I-12G	Feb. 2014	14	Feb. 2028	Yes	MX25V8035FM1I
					MX25L8006EM1J-12G	Jul. 2016	13	Dec. 2029	Yes	
					MX25L8006EM2I-12G	Feb. 2014	14	Feb. 2028	Yes	MX25V8035FM2I
					MX25L8008EM2I-12G	Feb. 2014	12	Dec. 2026	Yes	MX25V8035FM2I
			USON		MX25L8006EZUI-12G	Feb. 2014	14	Feb. 2028	No	MX25V8035FZUI
			WSON		MX25L8006EZNI-12G	Feb. 2014	15	Dec. 2029	Yes	MX25V8035FZNI

2.5V Serial NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
8Mb	x1/x2/x4	8	SOP	Automotive	MX25V8035FM1Q	Apr. 2018	10	Apr. 2028	Yes	
					MX25V8035FM1Q03	Oct. 2020	10	Oct. 2030	Yes	MX25V8035FM1Q
					MX25V8035FM1R03	Jul. 2020	10	Jul. 2030	Yes	MX25V8035FM1R
					MX25V8035FM1R	Jul. 2017	15	Jul. 2032	Yes	
			USON		MX25V8035FZUQ03	Jan. 2023	10	Jan. 2033	Yes	
			SOP	Industrial	MX25V8035FM1I	Apr. 2018	10	Apr. 2028	Yes	
					MX25V8035FM2I	Jul. 2020	10	Jul. 2030	Yes	
			USON		MX25V8035FZUI	Apr. 2021	10	Apr. 2031	Yes	
			WAFER		MX25V8035FW8I03	Jul. 2020	10	Jul. 2030	Yes	
	x1/x2	8	SOP		MX25V8006EM1I-13G	Feb. 2014	15	Dec. 2029	Yes	MX25V8035FM1I
					MX25V80066M1I02	May 2021	10	May 2031	No	MX25V8035FM1I
					MX25V80066M2I02	May 2021	10	May 2031	No	MX25V8035FM2I
			WSON		MX25V8006EZNI-13G	Feb. 2014	10	Feb. 2024	No	MX25V8035FZNI

Note: The Vcc of 2.5V products cover the Vcc specification of 3V products.

MACRONIX INTERNATIONAL CO., LTD.

Product Longevity Program

3V Serial NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
4Mb	x1/x2	8	SOP	Automotive	MX25L4006EM1Q-12G	Feb. 2014	15	Feb. 2029	Yes	MX25V4035FM1Q
					MX25L4006EM1R-12G	Feb. 2014	15	Dec. 2029	Yes	
					MX25L4006EM1S-12G	Feb. 2014	13	Feb. 2027	Yes	
					MX25L4006EM2R-12G	Dec. 2015	10	Dec. 2025	Yes	
			USON		MX25L4006EZUQ-12G	Apr. 2018	10	Apr. 2028	Yes	
		8	SOP		MX25L4006EM1I-12G	Feb. 2014	20	Dec. 2034	Yes	MX25V4035FM1I
					MX25L4006EM2I-12G	Feb. 2014	14	Feb. 2028	Yes	MX25V4035FM2I
					MX25L4026EM1I-12G	Feb. 2014	12	Dec. 2026	Yes	
			USON		MX25L4006EZUI-12G	Feb. 2014	17	Dec. 2031	Yes	MX25V4035FZUI
			WSON		MX25L4006EZNI-12G	Feb. 2014	12	Dec. 2026	No	Contact Macronix

2.5V Serial NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade		Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
4Mb	x1/x2/x4	8	USON	Automotive	MX25V4035FZUQ03	Oct. 2020	10	Oct. 2030	Yes	
			SOP		MX25V4035FM1Q03	Jul. 2023	10	Jul. 2033	Yes	MX25V4035FM1Q
					MX25V4035FM1R03	Oct. 2022	10	Oct. 2032	Yes	
			WAFER		MX25V4035FWCR03	Jul. 2023	10	Jul. 2033	Yes	
	x1/x2		SOP		MX25V4006EM1R-13G	Feb. 2014	10	Feb. 2024	No	Contact Macronix
				Industrial	MX25V4006EM1I-13G	Feb. 2014	21	Mar. 2035	Yes	MX25V4035FM1I
					MX25V40066M1I02	May 2021	10	May 2031	No	MX25V4035FM1I
					MX25V40066M2I02	May 2021	10	May 2031	No	MX25V4035FM2I
			WSON		MX25V4006EZNI-13G	Feb. 2014	12	Dec. 2026	Yes	MX25V4035FZNI
			WAFER		MX25V4006EWSI-13	Aug. 2015	14	Dec. 2029	No	Contact Macronix
					MX25V4006EWSK-13	Aug. 2015	14	Dec. 2029	Yes	
	x1/x2/x4	8	SOP		MX25V4035FM1I	Apr. 2018	17	Dec. 2035	Yes	
			USON		MX25V4035FZUI	Apr. 2021	10	Apr. 2031	Yes	

Note: The Vcc of 2.5V products cover the Vcc specification of 3V products.

MACRONIX INTERNATIONAL CO., LTD.

Product Longevity Program

3V Serial NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
2Mb	x1/x2	8	SOP	Automotive	MX25L2006EM1Q-12G	Apr. 2018	10	Apr. 2028	Yes	MX25V2035FM1Q
					MX25L2006EM1R-12G	Apr. 2018	10	Apr. 2028	Yes	
					MX25L2006EM1S-12G	Feb. 2014	12	Dec. 2026	Yes	
			USON		MX25L2006EZUQ-12G	Apr. 2018	10	Apr. 2028	Yes	
					MX25L2006EZUR-12G	Apr. 2018	10	Apr. 2028	Yes	MX25V2035FZUR
		8	SOP		MX25L2006EM1I-12G	Feb. 2014	14	Feb. 2028	Yes	MX25V2033FM1I
			USON		MX25L2006EZUI-12G	Feb. 2014	14	Feb. 2028	Yes	MX25V2033FZUI
			WSON		MX25L2006EZNI-12G	Feb. 2014	15	Dec. 2029	No	Contact Macronix

2.5V Serial NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
2Mb	x1/x2/x4	8	SOP	Automotive	MX25V2033FM1R	Jan. 2023	10	Jan. 2033	Yes	
			USON		MX25V2035FZUR	Jan. 2019	10	Jan. 2029	Yes	
	x1/x2		SOP	Industrial	MX25V2006EM1I-13G	Feb. 2014	14	Feb. 2028	Yes	MX25V2033FM1I
					MX25V20066M1I02	May 2021	10	May 2031	No	MX25V2035FM1I
	x1/x2/x4		WAFER		MX25V2033FWJI	Jul. 2020	10	Jul. 2030	Yes	
		8	USON		MX25V2033FZUI	Jul. 2020	10	Jul. 2030	Yes	
			SOP		MX25V2033FM1I	Jul. 2020	10	Jul. 2030	Yes	
					MX25V2035FM1I	Apr. 2018	10	Apr. 2028	Yes	

3V Serial NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
1Mb	x1/x2		WAFER	Automotive	MX25L1006EWGR-10	Dec. 2015	7	Nov. 2022	Yes	
		8	SOP		MX25L1006EMS-10G	Feb. 2014	10	Feb. 2024	Yes	
					MX25L1006EMR-10G	Dec. 2016	10	Dec. 2026	Yes	
			USON		MX25L1006EZUS-10G	Feb. 2014	10	Feb. 2024	Yes	
		8	WLCSP	Industrial	MX25L1006EBAI-10G	Feb. 2014	15	Dec. 2029	No	Contact Macronix
			SOP		MX25L1006EMI-10G	Feb. 2014	14	Feb. 2028	Yes	MX25V1006FM1I
			USON		MX25L1006EZUI-10G	Feb. 2014	15	Dec. 2029	No	MX25V1006FZUI

2.5V Serial NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
1Mb	x1/x2/x4	8	SOP	Industrial	MX25V1035FM1I	Jan. 2018	10	Jan. 2028	Yes	
	x1/x2				MX25V1006FM1I	Jul. 2020	10	Jul. 2030	Yes	
			USON		MX25V1006EZUI-13G	Feb. 2014	12	Dec. 2026	No	MX25V1006FZUI
					MX25V1006FZUI	Jul. 2020	10	Jul. 2030	Yes	
			TSSOP		MX25V1006FOI	Jul. 2020	10	Jul. 2030	Yes	
					MX25V1006EOI-13G	Feb. 2014	14	Feb. 2028	Yes	MX25V1006FOI
			WAFER		MX25V1006FWJI	Jul. 2020	10	Jul. 2030	Yes	
					MX25V1006EWGI-13	Feb. 2014	15	Dec. 2029	Yes	MX25V1006FWJI
				Automotive	MX25V1006EWSR-13	Apr. 2018	10	Apr. 2028	Yes	

Note: The Vcc of 2.5V products cover the Vcc specification of 3V products.

MACRONIX INTERNATIONAL CO., LTD.

Product Longevity Program

3V Serial NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
512Kb	x1	8	SOP	Consumer	MX25L5121EMC-20G	Feb. 2014	15	Dec. 2029	Yes	
			TSSOP		MX25L5121EOC-20G	Feb. 2014	12	Dec. 2026	Yes	
			USON		MX25L5121EZUC-20G	Feb. 2014	15	Dec. 2029	Yes	
	x1/x2		SOP	Industrial	MX25L512EMI-10G	Feb. 2014	14	Feb. 2028	Yes	MX25V5126FM1I
			TSSOP		MX25L512EOI-10G	Feb. 2014	15	Dec. 2029	Yes	MX25V5126FOI
			USON		MX25L512EZUI-10G	Feb. 2014	15	Dec. 2029	No	MX25V5126FZUI

2.5V Serial NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
512Kb	x1/x2	8	SOP	Industrial	MX25V5126FM1I	Jul. 2020	10	Jul. 2030	Yes	
			TSSOP		MX25V5126FOI	Jul. 2020	10	Jul. 2030	Yes	
			USON		MX25V5126FZUI	Jul. 2020	10	Jul. 2030	Yes	
					MX25V512EZUI-13G	Feb. 2014	12	Dec. 2026	No	MX25V5126FZUI

Note:
The Vcc of 2.5V products cover the Vcc specification of 3V products.

MACRONIX INTERNATIONAL CO., LTD.

Product Longevity Program

1.8V Serial NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
2Gb	x1/x2/x4	24	TFBGA	Automotive	MX66U2G45GXRR00	Jul. 2023	10	Jul. 2033	Yes	
1Gb	x1/x2/x4	24	TFBGA	Automotive	MX66U1G45GXDR00	Jan. 2024	10	Jan. 2034	Yes	
					MX66U1G45GXDQ00	Oct. 2017	10	Oct. 2027	Yes	
					MX66U1G89GXDR00	Apr. 2018	10	Apr. 2028	Yes	
	x1/x8				MX66UW1G45GXDR00	Jul. 2020	10	Jul. 2030	Yes	
					MX66UM1G45GXDQ00	Apr. 2019	10	Apr. 2029	Yes	
				Industrial	MX66UM1G45GXDI00	Jun. 2024	10	Jun. 2034	Yes	
	x1/x2/x4	16	SOP	Industrial	MX66U1G45GMI00	Oct. 2020	10	Oct. 2030	Yes	
		24	TFBGA		MX66U1G45GXDI00	Oct. 2020	10	Oct. 2030	Yes	
512Mb	x1/x2/x4	24	TFBGA	Automotive	MX25U51245GXDQ00	Jul. 2017	13	Jul. 2030	Yes	
					MX25U51245GXDR00	Jul. 2023	10	Jul. 2033	Yes	
					MX25U51279GXDR00	Jul. 2023	10	Jul. 2033	Yes	
					MX25U51245GZ4R00	Dec. 2024	10	Dec. 2034	Yes	
	x1/x8				MX25UM51245GXDQ00	Jul. 2023	10	Jul. 2033	Yes	
					MX25UM51345GXDR00	Jul. 2023	10	Jul. 2033	Yes	
					MX25UW51245GXDQ00	Oct. 2018	10	Oct. 2028	Yes	
					MX25UW51245GXDR00	Jul. 2023	10	Jul. 2033	Yes	
					MX25UW51345GXDR00	Aug. 2024	12	Dec. 2036	Yes	
	x1/x2/x4	16	SOP	Industrial	MX25U51245GMI00	Oct. 2020	10	Oct. 2030	Yes	
		24	TFBGA		MX25U51245GXDI00	Oct. 2020	10	Oct. 2030	Yes	
		8	WSON		MX25U51245GZ4I00	Oct. 2020	10	Oct. 2030	Yes	
256Mb	x1/x2/x4	8	WSON	Industrial	MX25U25643GZ4I00	Apr. 2021	10	Apr. 2031	Yes	
					MX25U25645GZ4I00	Jul. 2020	10	Jul. 2030	Yes	MX25U25643GZ4I00
					MX25U25635FZ2I-10G	Feb. 2014	15	Dec. 2029	No	MX25U25643GZ4I00
					MX25U25635FZ4I-10G	Feb. 2014	10	Feb. 2024	No	MX25U25643GZ4I00
		16	SOP		MX25U25643GMI00	Apr. 2021	10	Apr. 2031	Yes	
					MX25U25645GMI00	Jul. 2020	10	Jul. 2030	Yes	MX25U25643GMI00
					MX25U25635FMI-10G	Feb. 2014	15	Dec. 2029	No	MX25U25643GMI00
	x1/x8	24	TFBGA	Automotive	MX25U25645GXDQ00	Apr. 2018	18	Dec. 2036	Yes	
					MX25UM25645GXDR00	Jul. 2023	10	Jul. 2033	Yes	
					MX25UM25645GXDS00	Apr. 2019	10	Apr. 2029	Yes	
					MX25UW25345GXDR00	Mar. 2025	10	Mar. 2035	Yes	
			WAFER		MX25UW25A45GWSU00	Apr. 2022	10	Apr. 2032	Yes	
128Mb	x1/x8		WAFER	Automotive	MX25UW12A45GWSU00	Apr. 2022	10	Apr. 2032	Yes	
	x1/x2/x4	24	TFBGA		MX25UW12845GXDQ00	Jul. 2020	10	Jul. 2030	Yes	
					MX25U12845GXDQ00	Apr. 2021	10	Apr. 2031	Yes	
					MX25U12845GXDR00	Jul. 2023	10	Jul. 2033	Yes	
		8	SOP		MX25U12835FM2R-13G	Mar. 2017	10	Mar. 2027	Yes	
					MX25U12832FM2Q02	Apr. 2021	10	Apr. 2031	Yes	
			WSON	Industrial	MX25U12832FZ4I02	Jul. 2020	10	Jul. 2030	Yes	
					MX25U12835FZ2I-10G	Feb. 2014	12	Dec. 2026	Yes	MX25U12832FZ4I02
					MX25U12832FZNI02	Jul. 2020	10	Jul. 2030	Yes	
					MX25U12835FZNI-10G	Feb. 2014	15	Dec. 2029	Yes	MX25U12832FZNI02
					MX25U12872FZNI02	Jul. 2020	10	Jul. 2030	Yes	
					MX25U12873FZNI-10G	Oct. 2019	10	Oct. 2029	No	MX25U12872FZNI02
			SOP		MX25U12872FM2I02	Jul. 2020	10	Jul. 2030	Yes	
		16			MX25U12832FMI02	Jul. 2020	10	Jul. 2030	Yes	
			WLCSP		MX25U12843GBBI00	Jan. 2024	10	Jan. 2034	Yes	
64Mb	x1/x8	24	TFBGA	Automotive	MX25UW6345GXDQ00	Jul. 2023	10	Jul. 2033	Yes	
					MX25UW6445GXDQ00	Jul. 2023	10	Jul. 2033	Yes	
					MX25UW6445GXDR00	Jul. 2023	10	Jul. 2033	Yes	
	x1/x2/x4	8	SOP		MX25U6435FM2Q-13G	Dec. 2014	15	Dec. 2029	Yes	
					MX25U6432FM2Q02	Oct. 2020	10	Oct. 2030	Yes	MX25U6435FM2Q-13G
			WAFER	Industrial	MX25U6435FWGI-10	Feb. 2014	10	Feb. 2024	Yes	
					MX25U6432FW8I02	Oct. 2020	10	Oct. 2030	Yes	
			SOP		MX25U6432FM2I02	Jul. 2020	10	Jul. 2030	Yes	
		8			MX25U6435FM2I-10G	Feb. 2014	15	Dec. 2029	Yes	
			WSON		MX25U6432FZNI02	Jul. 2020	10	Jul. 2030	Yes	
					MX25U6435FZNI-10G	Feb. 2014	15	Dec. 2029	Yes	
		12	WLCSP		MX25U6432FBBI02	Jul. 2020	10	Jul. 2030	Yes	
					MX25U6435FBBI-10G	Feb. 2014	15	Dec. 2029	Yes	

1.8V Serial NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
32Mb	x1/x2/x4		WAFER		MX25U3232FW8I02	Oct. 2020	10	Oct. 2030	Yes	
		8	SOP		MX25U3232FM2I02	Jul. 2020	10	Jul. 2030	Yes	
					MX25U3235FM2I-10G	Feb. 2014	15	Dec. 2029	Yes	
					MX25U3273FM2I-12G	Apr. 2024	8	Apr. 2032	Yes	
			USON		MX25U3232FZBI02	Jul. 2020	10	Jul. 2030	Yes	
					MX25U3235FZBI-10G	Apr. 2018	10	Apr. 2028	Yes	
			WSON		MX25U3232FZNI02	Jul. 2020	10	Jul. 2030	Yes	
					MX25U3235FZNI-10G	Feb. 2014	15	Dec. 2029	Yes	
			SOP	Automotive	MX25U3235FM2Q-13G	Apr. 2018	10	Apr. 2028	Yes	
					MX25U3232FM2Q02	Oct. 2020	10	Oct. 2030	Yes	MX25U3235FM2Q-13G
					MX25U3235EM2R-10G	Apr. 2018	10	Apr. 2028	Yes	
			USON		MX25U3232FZBR02	Jan. 2023	10	Jan. 2033	Yes	
16Mb	x1/x2/x4		WAFER	Automotive	MX25U1635EWRS-10	Dec. 2016	12	Dec. 2028	Yes	
		8	USON		MX25U1635EZUS-10G	Dec. 2016	13	Dec. 2029	Yes	
					MX25U1635FM1Q-13G	Apr. 2019	10	Apr. 2029	Yes	
			SOP		MX25U1632FM1Q02	Oct. 2021	10	Oct. 2031	Yes	
					MX25U1633FM1R03	Jul. 2023	10	Jul. 2033	Yes	
			USON		MX25U1633FZUR03	Apr. 2021	10	Apr. 2031	Yes	
			WAFER	Industrial	MX25U1633FW8I03	Jul. 2020	10	Jul. 2030	Yes	MX25U1632FW8I02
					MX25U1635EWRI-10	Feb. 2014	7	May 2021	Yes	
					MX25U1635FWGI-10	Jul. 2016	6	Nov. 2022	Yes	
		8	SOP		MX25U1632FM2I02	Apr. 2021	10	Apr. 2031	Yes	
					MX25U1635EM2I-10G	Feb. 2014	15	Dec. 2029	Yes	
					MX25U1633FM2I	Jul. 2020	10	Jul. 2030	Yes	
					MX25U1635FM2I-10G	Jul. 2016	13	Dec. 2029	Yes	
			USON		MX25U1632FZCI02	Apr. 2021	10	Apr. 2031	Yes	
					MX25U1635FZUI-10G	Jan. 2017	10	Jan. 2027	Yes	
					MX25U1633FZAI	Oct. 2020	10	Oct. 2030	Yes	
					MX25U1635EZUI-10G	Feb. 2014	12	Dec. 2026	Yes	
			WSON		MX25U1635EZNI-10G	Feb. 2014	15	Dec. 2029	Yes	
		8	WLCSP		MX25U1632FBHI02	Apr. 2021	10	Apr. 2031	Yes	
		11			MX25U1635EBAI-10G	Feb. 2014	15	Dec. 2029	Yes	MX25U1632FBHI02
8Mb	x1/x2/x4	8	SOP	Industrial	MX25U8035FM1I	Jul. 2020	10	Jul. 2030	Yes	
					MX25U8033EM1I-12G	Feb. 2014	15	Dec. 2029	Yes	MX25U8035FM1I
					MX25U8035FM2I	Jul. 2020	10	Jul. 2030	Yes	
					MX25U8035EM1I-10G	Feb. 2014	10	Feb. 2024	Yes	MX25U8035FM1I
					MX25U8035EM2I-10G	Feb. 2014	15	Dec. 2029	Yes	MX25U8035FM2I
			VSOP		MX25U8032EMDI-12G	Jan. 2020	10	Jan. 2030	Yes	
			USON		MX25U8035EZUI-10G	Feb. 2014	12	Dec. 2026	Yes	
			WLCSP		MX25U8033EBAI-12G	Feb. 2014	14	Feb. 2028	Yes	
			WSON		MX25U8033EZNI-12G	Feb. 2014	10	Feb. 2024	Yes	
					MX25U8035EZNI-10G	Feb. 2014	15	Dec. 2029	No	MX25U8035FZNI
4Mb	x1/x2/x4	8	SOP	Industrial	MX25U4035FM1I	Jul. 2020	10	Jul. 2030	Yes	
					MX25U4033EM1I-12G	Feb. 2014	15	Dec. 2029	No	MX25U4035FM1I
			USON		MX25U4033EZUI-12G	Feb. 2014	10	Feb. 2024	Yes	
			WLCSP		MX25U4033EBAI-12G	Feb. 2014	14	Feb. 2028	Yes	

MACRONIX INTERNATIONAL CO., LTD.

Product Longevity Program

Wide Range Vcc Serial NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
64Mb	x1/x2/x4	8	WLCSP	Industrial	MX25R6435FBFIL0	Jan. 2023	8	Jan. 2031	Yes	
			SOP		MX25R6435FM2IH0	Mar. 2025	10	Mar. 2035	Yes	MX25R6435FM2IL0
					MX25R6435FZAIH0	Mar. 2025	10	Mar. 2035	Yes	MX25R6435FZAIL0
			USON		MX25R6435FZAIL0	Aug. 2024	10	Dec. 2034	Yes	
32Mb	x1/x2/x4	8	SOP	Industrial	MX25R3235FM2IL0	Apr. 2018	10	Apr. 2028	Yes	
			USON		MX25R3235FZBIL0	Jan. 2017	13	Jan. 2030	Yes	MX25R3235FZBIH0
					MX25R3235FZBIH0	Feb. 2023	10	Feb. 2033	Yes	
			WSON		MX25R3235FZNIL0	Oct. 2022	10	Oct. 2032	Yes	
16Mb	x1/x2/x4	8	USON	Automotive	MX25R1635FZURH2	Apr. 2021	10	Apr. 2031	Yes	
				Industrial	MX25R1635FZUIL0	Jan. 2017	15	Jan. 2032	Yes	
			SOP		MX25R1635FM1IL0	Feb. 2023	10	Feb. 2033	Yes	
					MX25R1635FM2IH2	Feb. 2023	10	Feb. 2033	Yes	
			WLCSP		MX25R1635FBDIL0	Sep. 2023	5	Sep. 2028	Yes	
					MX25R1635FBDIH0	Dec. 2024	6	Dec. 2030	Yes	
8Mb	x1/x2/x4	8	USON	Automotive	MX25R8035FZUSL2	Apr. 2021	10	Apr. 2031	Yes	
				Industrial	MX25R8035FZUIH0	Apr. 2017	10	Apr. 2027	Yes	
					MX25R8035FZUIH1	Jan. 2017	15	Jan. 2032	Yes	
					MX25R8035FZUIL0	Aug. 2024	10	Aug. 2034	Yes	
			SOP		MX25R8035FM1IL0	Jan. 2022	10	Jan. 2032	Yes	
			WLCSP		MX25R8035FBHIH2	Jun. 2024	6	Dec. 2030	Yes	
4Mb	x1/x2/x4	8	SOP	Industrial	MX25R4035FM1IL0	Jul. 2020	10	Jul. 2030	Yes	
					MX25R4035FM1IH1	Jan. 2017	10	Jan. 2027	Yes	MX25R4035FM1IL0

Note*: MX25R1635FBDIL0 was available from 2015, plan longevity to 2028 or beyond.

MACRONIX INTERNATIONAL CO., LTD.
Product Longevity Program

1.2V Serial NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
16Mb	x1/x2/x4		WAFER	Industrial	MX25S1633FWCIG2	Apr. 2022	10	Apr. 2032	Yes	

ArmorFlash™

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
256Mb	x1/x2/x4	24	TFBGA	Industrial	MX75U25690FXDI02	Jul. 2021	10	Jul. 2031	Yes	
				Automotive	MX75U25690FXDR02	Apr. 2020	13	Dec. 2033	Yes	
					MX75U25690FXDQ02	Jul. 2021	10	Jul. 2031	Yes	
64Mb					MX78U64A00FXDR02	Jul. 2021	12	Dec. 2033	Yes	
				Industrial	MX78U64A00FXDJ02	Jul. 2021	10	Jul. 2031	Yes	

3V Parallel NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
1Gb	x8/x16	56	TSOP	Automotive	MX68GL1G0FLT2S-11G	Feb. 2014	10	Feb. 2024	Yes	
				Industrial	MX68GL1G0GHT2I-10Q	Jul. 2020	10	Jul. 2030	Yes	
					MX68GL1G0FHT2I-11G	Feb. 2014	10	Feb. 2024	No	MX68GL1G0GHT2I-10G
					MX68GL1G0GLT2I-10Q	Jul. 2020	10	Jul. 2030	Yes	
					MX68GL1G0FLT2I-11G	Feb. 2014	12	Dec. 2026	No	MX68GL1G0GLT2I-10G
		64	LFBGA		MX68GL1G0GHXFI-10Q	Jul. 2020	10	Jul. 2030	Yes	
					MX68GL1G0FHXFI-11G	Feb. 2014	12	Dec. 2026	No	MX68GL1G0GHXFI-10Q
					MX68GL1G0GLXFI-10Q	Jul. 2020	10	Jul. 2030	Yes	
					MX68GL1G0FLXFI-11G	Feb. 2014	10	Feb. 2024	No	MX68GL1G0GLXFI-10Q
					MX68GL1G0GDXFI-11Q	Jul. 2020	10	Jul. 2030	Yes	
512Mb	x8/x16	56	TSOP	Automotive	MX29GL512FHT2R-12G	Feb. 2014	15	Dec. 2029	Yes	MX29GL512GHT2R-11Q
					MX29GL512FHT2S-11G	Feb. 2014	13	Dec. 2027	Yes	Support without MPLP
		64	LFBGA		MX29GL512FLXFR-12G	Feb. 2014	13	Feb. 2027	Yes	
		56	TSOP	Industrial	MX29GL512GHT2I-10Q	Jul. 2020	10	Jul. 2030	Yes	
					MX29GL512FHT2I-11G	Feb. 2014	12	Dec. 2026	Yes	MX29GL512GHT2I-10G
					MX29GL512GLT2I-10Q	Jul. 2020	10	Jul. 2030	Yes	
					MX29GL512FLT2I-11G	Feb. 2014	10	Feb. 2024	No	MX29GL512GLT2I-10G
		64	LFBGA		MX29GL512GUXFI-11Q	Jul. 2020	10	Jul. 2030	Yes	
					MX29GL512GUXFI-11G	Apr. 2019	10	Apr. 2029	Yes	
					MX29GL512GHXFI-10Q	Jul. 2020	10	Jul. 2030	Yes	
					MX29GL512FHXFI-11G	Feb. 2014	12	Dec. 2026	No	MX29GL512GHXFI-10G
					MX29GL512FLXFI-11G	Feb. 2014	10	Feb. 2024	No	MX29GL512GLXFI-10G
					MX29GL512GLXFI-10Q	Oct. 2020	10	Oct. 2030	Yes	
					MX29GL512GDXFI-11Q	Oct. 2020	13	Oct. 2033	Yes	
256Mb	x8/x16	56	TSOP	Automotive	MX29GL256FHT2R-11G	Feb. 2014	10	Feb. 2024	Yes	
					MX29GL256FHT2S-10G	Feb. 2014	15	Dec. 2029	Yes	
					MX29GL256FLT2S-10G	Jul. 2023	10	Jul. 2033	Yes	
					MX29GL256EHT2R-11G	Apr. 2018	10	Apr. 2028	Yes	MX29GL256FHT2R-11G
					MX29GL256EHT2S-90Q	Apr. 2018	10	Apr. 2028	Yes	MX29GL256FHT2S-10G
		64	LFBGA		MX29GL256FLXFR-11G	Feb. 2014	13	Feb. 2027	Yes	
		56	TFBGA	Industrial	MX29GL256FHXGI-90Q	Feb. 2014	10	Feb. 2024	Yes	
					MX29GL256FLXGI-90Q	Feb. 2014	10	Feb. 2024	Yes	
			TSOP		MX29GL256FHT2I-90Q	Feb. 2014	15	Feb. 2029	Yes	
					MX29GL256FLT2I-90Q	Feb. 2014	14	Feb. 2028	Yes	
					MX29GL256FDT2I-11G	Apr. 2016	13	Dec. 2029	Yes	
		64	LFBGA		MX29GL256FHXFI-90Q	Feb. 2014	15	Dec. 2029	Yes	
					MX29GL256FLXFI-90Q	Feb. 2014	16	Jul. 2030	Yes	
					MX29GL256FDXFI-11G	Oct. 2022	11	Oct. 2033	Yes	

MACRONIX INTERNATIONAL CO., LTD.

Product Longevity Program

3V Parallel NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
128Mb	x8/x16	56	TFBGA	Industrial	MX29GL128FHXGI-90G	Feb. 2014	15	Dec. 2029	Yes	
					MX29GL128FLXGI-70G	Feb. 2014	15	Dec. 2029	Yes	
					MX29GL128FLXGI-90G	Feb. 2014	15	Dec. 2029	Yes	MX29GL128FLXGI-70G
			TSOP		MX29GL128FHT2I-70G	Feb. 2014	15	Feb. 2029	Yes	
					MX29GL128FHT2I-90G	Feb. 2014	19	Dec. 2033	Yes	
					MX29GL128FLT2I-70G	Feb. 2014	15	Dec. 2029	Yes	
					MX29GL128FLT2I-90G	Feb. 2014	14	Feb. 2028	Yes	
		64	LFBGA		MX29GL128FLXFI-70G	Oct. 2019	10	Oct. 2029	Yes	
					MX29GL128FHXFI-70G	Feb. 2014	14	Feb. 2028	Yes	
					MX29GL128FHXFI-90G	Feb. 2014	15	Dec. 2029	Yes	MX29GL128FHXFI-70G
					MX29GL128FLXFI-90G	Feb. 2014	15	Dec. 2029	Yes	MX29GL128FLXFI-70G
		64	TSOP	Automotive	MX29GL128FHT2R-10G	Feb. 2014	10	Feb. 2024	Yes	
					MX29GL128FHT2S-90G	Feb. 2014	14	Feb. 2028	Yes	
					MX29GL128FLT2R-10G	Feb. 2014	15	Dec. 2029	Yes	
					MX29GL128FLT2S-90G	Apr. 2018	10	Apr. 2028	Yes	
					MX29GL128EHT2R-10G	Apr. 2018	10	Apr. 2028	Yes	MX29GL128FHT2R-10G
					MX29GL128EHT2S-90G	Apr. 2018	10	Apr. 2028	Yes	MX29GL128FHT2S-90G
			LFBGA		MX29GL128FLXFR-10G	Feb. 2014	10	Feb. 2024	Yes	
					MX29GL128EHXFR-10G	Apr. 2018	10	Apr. 2028	Yes	MX29GL128FHXFR-10G
					MX29GL128ELXFR-10G	Apr. 2018	10	Apr. 2028	Yes	MX29GL128FLXFR-10G
64Mb	x8/x16	48	TSOP	Automotive	MX29GL640EBTS-70G	Feb. 2014	13	Feb. 2027	Yes	
					MX29GL640ETTR-80G	Feb. 2014	13	Feb. 2027	Yes	
					MX29GL640ETTS-70G	Feb. 2014	13	Feb. 2027	Yes	
					MX29LV640ETTS-70G	Apr. 2018	10	Apr. 2028	Yes	
		64	LFBGA		MX29GL640EHXFS-70G	Feb. 2014	13	Feb. 2027	Yes	
			WAFER	Industrial	MX29GL640EHWGI-70	Feb. 2014	7	May 2021	No	EOL
					MX29LA640ELWGI-70	Feb. 2014	7	May 2021	No	EOL
					MX29LV640EBWGI-70	Feb. 2014	12	Dec. 2026	Yes	
					MX29LV640ETWGI-70	Feb. 2014	7	May 2021	No	EOL
		48	LFBGA		MX29GL640EBXEI-70G	Feb. 2014	15	Dec. 2029	Yes	
					MX29GL640ETXEI-70G	Feb. 2014	15	Dec. 2029	Yes	
					MX29LV640EBXEI-70G	Feb. 2014	14	Feb. 2028	Yes	
					MX29LV640ETXEI-70G	Feb. 2014	10	Feb. 2024	Yes	
			TSOP		MX29GL640EBTI-70G	Feb. 2014	17	Feb. 2031	Yes	
					MX29GL640ETTI-70G	Feb. 2014	15	Feb. 2029	Yes	
					MX29LV640EBTI-70G	Feb. 2014	15	Feb. 2029	Yes	
					MX29LV640ETTI-70G	Feb. 2014	15	Feb. 2029	Yes	
		56			MX29GL640EHT2I-70G	Feb. 2014	15	Dec. 2029	Yes	
					MX29GL640ELT2I-70G	Feb. 2014	15	Dec. 2029	Yes	
		64	LFBGA		MX29GL640EHXFI-70G	Feb. 2014	15	Dec. 2029	Yes	

MACRONIX INTERNATIONAL CO., LTD.

Product Longevity Program

3V Parallel NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
32Mb	x8/x16	48	LFBGA	Automotive	MX29LV320EBXER-80G	Feb. 2014	10	Feb. 2024	Yes	
					MX29LV320EBXES-70G	Feb. 2014	10	Feb. 2024	Yes	
			TSOP		MX29GL320EBTS-70G	Feb. 2014	10	Feb. 2024	Yes	
					MX29GL320ETTR-80G	Feb. 2014	8	Feb. 2022	No	EOL
					MX29GL320ETTS-70G	Feb. 2014	13	Feb. 2027	Yes	
					MX29LV320EBTS-70G	Feb. 2014	13	Feb. 2027	Yes	
					MX29LV320ETTR-80G	Feb. 2014	8	Feb. 2022	No	EOL
					MX29LV320ETTS-70G	Apr. 2018	10	Apr. 2028	Yes	
		56	TSOP		MX29GL320ELT2R-80G	Feb. 2014	10	Feb. 2024	Yes	
		48	LFBGA	Industrial	MX29GL320EBXEI-70G	Feb. 2014	12	Dec. 2026	Yes	
					MX29GL320ETXEI-70G	Feb. 2014	10	Feb. 2024	Yes	
			TFBGA		MX29LV320EBXBI-70G	Feb. 2014	15	Dec. 2029	Yes	
			LFBGA		MX29LV320EBXEI-70G	Feb. 2014	14	Feb. 2028	Yes	
			TFBGA		MX29LV320ETXBI-70G	Feb. 2014	10	Feb. 2024	Yes	
			LFBGA		MX29LV320ETXEI-70G	Feb. 2014	15	Dec. 2029	Yes	
			TSOP		MX29GL320EBTI-70G	Feb. 2014	15	Dec. 2029	Yes	
					MX29GL320ETTI-70G	Feb. 2014	15	Dec. 2029	Yes	
					MX29LV320EBTI-70G	Feb. 2014	14	Feb. 2028	Yes	
					MX29LV320ETTI-70G	Feb. 2014	14	Feb. 2028	Yes	
		56			MX29GL320EHT2I-70G	Feb. 2014	10	Feb. 2024	Yes	
					MX29GL320ELT2I-70G	Feb. 2014	15	Dec. 2029	Yes	
		64	LFBGA		MX29GL320EHXFI-70G	Feb. 2014	7	May 2021	No	EOL
					MX29GL320ELXFI-70G	Feb. 2014	10	Feb. 2024	Yes	
16Mb	x8/x16	48	WFBGA	Automotive	MX29LV160DBXHS-70G	Feb. 2014	13	Feb. 2027	No	Contact Macronix
			TSOP		MX29LV160DTTS-70G	Feb. 2014	13	Feb. 2027	Yes	
			TFBGA	Industrial	MX29LV160DBXBI-70G	Feb. 2014	15	Dec. 2029	Yes	
			LFBGA		MX29LV160DBXEI-70G	Feb. 2014	15	Dec. 2029	Yes	
			TFBGA		MX29LV160DBXGI-70G	Feb. 2014	10	Feb. 2024	Yes	
			WFBGA		MX29LV160DBXHI-70G	Feb. 2014	12	Dec. 2026	Yes	
			TFBGA		MX29LV160DTXBI-70G	Feb. 2014	10	Feb. 2024	Yes	
			LFBGA		MX29LV160DTXEI-70G	Feb. 2014	10	Feb. 2024	Yes	
			TSOP		MX29LV160DBTI-70G	Feb. 2014	15	Dec. 2029	Yes	
					MX29LV160DTTI-70G	Feb. 2014	15	Dec. 2029	Yes	
8Mb	x8/x16	48	TSOP	Automotive	MX29LV800CBTS-70G	Feb. 2014	13	Feb. 2027	Yes	
			WAFER	Industrial	MX29LV800CBWGI-70	Feb. 2014	7	May 2021	Yes	
		48	TFBGA		MX29LV800CBXBI-70G	Feb. 2014	15	Dec. 2029	Yes	
			LFBGA		MX29LV800CBXEI-70G	Feb. 2014	14	Feb. 2028	Yes	
			WFBGA		MX29LV800CBXHI-70G	Feb. 2014	10	Feb. 2024	Yes	
			LFBGA		MX29LV800CTXEI-70G	Feb. 2014	10	Feb. 2024	Yes	
			TSOP		MX29LV800CBTI-70G	Feb. 2014	15	Dec. 2029	Yes	
					MX29LV800CTTI-70G	Feb. 2014	14	Feb. 2028	Yes	
4Mb	x8/x16	48	TFBGA	Industrial	MX29LV400CBXBI-70G	Feb. 2014	10	Feb. 2024	Yes	
			LFBGA		MX29LV400CBXEI-70G	Feb. 2014	12	Dec. 2026	Yes	
			TFBGA		MX29LV400CTXBI-70G	Feb. 2014	10	Feb. 2024	Yes	
			LFBGA		MX29LV400CTXEI-70G	Feb. 2014	10	Feb. 2024	Yes	
			TSOP		MX29LV400CBTI-70G	Feb. 2014	15	Dec. 2029	Yes	
					MX29LV400CTTI-70G	Feb. 2014	15	Dec. 2029	Yes	

MACRONIX INTERNATIONAL CO., LTD.

Product Longevity Program

5V Parallel NOR Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
8Mb	x8/x16	48	TSOP	Industrial	MX29F800CBTI-70G	Feb. 2014	14	Feb. 2028	Yes	
					MX29F800CTTI-70G	Feb. 2014	16	Jul. 2030	Yes	
4Mb	x8	32	PLCC	Industrial	MX29F040CQI-70G	Feb. 2014	7	May. 2021	Yes	
			TSOP		MX29F040CTI-70G	Feb. 2014	15	Dec. 2029	Yes	
	x8/x16	48	TSOP		MX29F400CBTI-70G	Feb. 2014	16	Jul. 2030	Yes	
					MX29F400CTTI-70G	Feb. 2014	12	Dec. 2026	Yes	
				Automotive	MX29F400CBTR-80G	Apr. 2018	7	Mar. 2025	No	EOL
2Mb	x8/x16	48	TSOP	Industrial	MX29F200CBTI-70G	Feb. 2014	15	Dec. 2029	Yes	
					MX29F200CTTI-70G	Feb. 2014	10	Feb. 2024	Yes	

MACRONIX INTERNATIONAL CO., LTD.

Product Longevity Program

3V SLC NAND Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
8Gb	x8	48	TSOP	Industrial	MX60LF8G28AD-TI	Jul. 2020	10	Jul. 2030	Yes	
					MX60LF8G18AC-TI	Apr. 2015	14	Dec. 2029	Yes	MX60LF8G28AD-TI
		48	TSOP	Automotive	MX60LF8G18AC-TR	Apr. 2018	10	Apr. 2028	Yes	
		63	VFBGA		MX60LF8G18AC-XKR	Apr. 2018	10	Apr. 2028	Yes	
					MX60LF8G18AC-XKS	Jul. 2023	10	Jul. 2033	Yes	
4Gb	x8	48	TSOP	Industrial	MX30LF4G28AD-TI	Jul. 2020	10	Jul. 2030	Yes	
					MX30LF4G18AC-TI	Jul. 2016	13	Dec. 2029	Yes	MX30LF4G28AD-TI
		63	VFBGA		MX30LF4G18AC-XKJ	Jul. 2023	10	Jul. 2033	Yes	
					MX30LF4G28AD-XKI	Apr. 2020	10	Apr. 2030	Yes	
					MX30LF4G18AC-XKI	Jul. 2016	13	Dec. 2029	Yes	MX30LF4G28AD-XKI
		48	TSOP	Automotive	MX30LF4G18AC-TR	Oct. 2017	15	Oct. 2032	Yes	
		63	VFBGA		MX30LF4G18AC-XKR	Oct. 2017	10	Oct. 2027	Yes	
2Gb	x8	48	TSOP	Industrial	MX30LF2G28AD-TI	Jul. 2020	10	Jul. 2030	Yes	
					MX30LF2G18AC-TI	Jul. 2016	13	Dec. 2029	Yes	MX30LF2G28AD-TI
		63	VFBGA		MX30LF2G28AD-XKI	Jul. 2020	10	Jul. 2030	Yes	
					MX30LF2G18AC-XKI	Jul. 2016	13	Dec. 2029	Yes	MX30LF2G28AD-XKI
					MX30LF2GE8AB-XKI	Jul. 2018	10	Jul. 2028	No	Contact Macronix
		48	TSOP	Automotive	MX30LF2G18AC-TR	Jan. 2019	10	Jan. 2029	Yes	
1Gb	x8	48	TSOP	Industrial	MX30LF1G28AD-TI	Oct. 2020	10	Oct. 2030	Yes	
					MX30LF1G18AC-TI	Mar. 2016	13	Dec. 2029	Yes	MX30LF1G28AD-TI
					MX30LF1GE8AB-TI	Jul. 2016	13	Dec. 2029	Yes	
					MX30LF1G18AC-TJ	Oct. 2017	13	Oct. 2030	Yes	
		63	VFBGA		MX30LF1G28AD-XKI	Oct. 2020	10	Oct. 2030	Yes	
					MX30LF1G28AC-XKI	Oct. 2017	10	Oct. 2027	No	MX30LF1G28AD-XKI
					MX30LF1G18AC-XKI	Jul. 2016	13	Dec. 2029	Yes	MX30LF1G28AD-XKI
					MX30LF1GE8AB-XKI	Jan. 2024	10	Jan. 2034	Yes	
		48	TSOP	Automotive	MX30LF1G18AC-TR	Apr. 2018	10	Apr. 2028	Yes	
		63	VFBGA		MX30LF1G18AC-XKR	Jul. 2020	10	Jul. 2030	Yes	

3V Serial NAND Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
1Gb	x1/x2/x4	8	WSON	Industrial	MX35LF1GE4AB-Z4I	Jan. 2017	15	Jan. 2032	Yes	
				Automotive	MX35LF1GE4AB-Z4R	Jun. 2024	9	Dec. 2033	Yes	
2Gb	x1/x2/x4	8	WSON	Industrial	MX35LF2GE4AD-Z4I	Oct. 2021	10	Oct. 2031	Yes	
				Automotive	MX35LF2GE4AC-Z4R	Jan. 2023	10	Jan. 2033	Yes	

1.8V Serial NAND Flash

Density	Bus Width	Pin Count	Package Name	Grade	Part Number	Longevity Support			Recommend for New Design	Remark or Recommended Product
						From	Year	To		
1Gb	x1/x2/x4	8	WSON	Industrial	MX35UF1GE4AC-Z4I	Jul. 2023	8	Jul. 2031	Yes	

Revision History

Revision No.	Description	Page	Date
Rev.1	Initial released	All	Jul. 2014
Rev.2	Added supported EPN	2, 3	Feb. 2015
Rev.3	1. Added supported EPN 2. Added Revision History 3. Sorted products by descending voltage	2, 14	Apr. 2015
Rev.4	1. Added supported EPN 2. Modify Product Type from "Parallel NAND" to "SLC NAND"	14	42125
Rev.5	Added supported EPN	6	Aug. 2015
Rev.6	1. Added supported EPN 2. Demand vanish and removed supported EPN MX29GA257FHXCI-90Q 3. Add Notes in disclaimer, Longevity Program includes all automotive grade products.	1, 2, 3, 8, 13, 14	Mar. 2016
Rev.7	Added supported EPN	8, 14	Apr. 2016
Rev.8	Added supported EPN	4, 5, 14	Jul. 2016
Rev.9	Added supported EPN	14	Oct. 2016
Rev.10	Added supported EPN	3, 4, 5, 6, 14	Jan. 2017
Rev.11	1. Added new supported EPN 2. Listed supported automotive grade EPN in the Product Longevity Program table, and modify the word "all" to 'most of" in Note "Longevity Program includes all automotive grade products"	1, 2, 3, 4, 5, 6, 7, 14	April. 2017
Rev.12	Added supported EPN	1, 3, 4, 6	Jul. 2017
Rev.13	Added supported EPN	1, 2, 3, 4, 15	Oct. 2017
Rev.14	Added supported EPN	1, 2, 8	Jan. 2018
Rev.15	1. Added supported EPN 2. Contact Macronix for Longevity EPN of 1.8V SLC NAND	1, 2, 4, 6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20	Jul. 2018
Rev.16	Added supported EPN	1, 6, 8, 12, 20	Jan. 2019
Rev. 17	1. Added Supported EPN 2. Demand vanish and removed supported EPN MX25L1635EWGI-10, MX25L3206EWGI-12, MX25L3235EWGI-10, MX25L4006EWGI-12, MX25L6406EMI-12G1, MX25L6456FWJI-09, MX25U6435FBAI-10G, MX25V512EWRI-13, MX29GA128FHXFI-90G, MX29GA320ELXFI-70G, MX29GA321ELXCI-70G, MX29GA640EHXFI-90G, MX29GA641ELXCI-90G, MX29GL640EHT2R-80G, MX29LA640EHXCI-70G, MX29LV160DBTS-70G, MX29LV800CBXGI-70G, MX29LV800CTMI-70G, MX29LV800CTXHS-70G, MX30LF1208AA-XKR 3. Removed supported 44-SOP EPN as below, due to termination of packaging process from third party supplier MX29LV320ETMI-70G, MX29LV800CTMI-70G, MX29F800CBMI-70G, MX29F800CTMI-70G, MX29F400CBMI-70G, MX29F400CTMI-70G, MX29F200CBMI-70G, MX29F200CTMI-70G	All	Apr. 2019
Rev.18	Added supported EPN	3	Jul. 2019
Rev.19	Added supported EPN	3, 4, 8, 15	Oct. 2019
Rev.20	Added supported EPN	2, 6, 10	Jan. 2020
Rev.21	1. Added supported EPN 2. Aligned 128Mb Parallel NOR Flash Table	1, 2, 3, 15, 20	Apr. 2020
Rev.22	1. Added new supported EPN 2. Modified table format that added Recommend for New Design and Recommended Product column 3. Modified notes of Macronix Product Longevity Program (MPLP)	All	Jul. 2020
Rev.23	1. Added new supported EPN and recommended product 2. Demand vanish and removed supported EPN: MX30LF1G08AA-XKS 3. Modified table format that added "Year" and "End" column to declare expiration of longevity support	All	Oct. 2020
Rev.24	1. Update data of "Recommend for New Design" and "Recommended Product" 2. Remove supported EPN: MX30LF1G08AA-TR because of no demand.	All 16	Jan. 2021
Rev.25	1. Shorten longevity support of 75nm node NAND Flash process EPN as below to May 2021, due to termination of this process and it is replaced by 19nm or 36nm process. MX30LF1G08AA-TI, MX30LF1G08AA-XKI, MX30LF1G08AA-TS, MX30LF1G08AA-XKR, MX30LF1208AA-TI, MX30LF1208AA-XKI 2. Shorten longevity support of 32-PLCC EPN: MX29F040CQI-70G to May 2021, due to termination of packaging process from third party supplier.	15, 16	Feb. 2021
Rev.26	1. Added new supported EPN 2. Update data of "Recommend for New Design" and "Recommended Product" 3. Shorten longevity support of EPN: MX29SL402CBWGI-90 to April 2021 for lack of demand.	1, 2, 3, 4, 6, 7, 9, 10, 11, 13, 15	Apr. 2021
Rev.27	1. Correct typo of Longevity Support Year of MX25L12845GM2R-08G	2	Apr. 2021
Rev.28	1. Added new supported EPN 2. Update data of "Recommend for New Design" and "Recommended Product" 3. Shorten longevity support of Industry grade EPN below to May 2021 for lack of demand. MX25L3206EXCI-12G, MX25L1633EWGI-10, MX25L5121EWGI-20, MX25U1635EWGI-10, MX25U1635EWRI-10, MX25U8035EBAI-10G, MX29GL640EHWGI-70, MX29LA640ELWGI-70, MX29LV640ETWGI-70, MX29GL320EHXFI-70G, MX29GA641EHXCI-90G, MX29LV800CBWGI-70 4. Shorten longevity support of automotive grade EPN below to Feb. 2022 for lack of demand. MX25L6435EWGR-12, MX25L6445EM2R-12G, MX29GL320ETTR-80G, MX29LV320ETTR-80G, MX29LV160DBXHS-70G 5. Remove longevity support of EPN: MX29SL402CBWGI-90 because of over supporting time and lack of demand.	3, 4, 5, 6, 7, 8, 9, 11, 14, 15	Apr. 2021
Rev.29	1. Added new supported EPN 2. Update data of "Recommend for New Design" and "Recommended Product" 3. Correct typo from "8" to "4" years for longevity support from 2018 to 2022 of MX25L6445EM2R-12G, due to lack of demand.	1, 3, 5, 10, 11	Jul. 2021

Revision History - Continued

Rev.30	1. Added new supported EPN 2. Extend longevity support of partial EPN to 2028 / 2029 for more then 10 years. 3. Add a new table that groups ArmorFlash™ product as an independent product series 4. Keep longevity support for MX29LV160DBXHS-70G till 2024 5. Remove MX25L51243GMI00, MX25V1606FW8I03 from EPN list because of product plan change before production. Please contact with Macronix for any concern. 6. End longevity support of EPN below to December 2021 for lack of demand. MX25L1026EM1I-10G, MX25U2033EZNI-12G, MX25U2033EZUI-12G, MX25U3235FWGI-10, MX25V512EOI-13G, MX29GA320EHXFI-70G, MX29GA321EHXCI-70G, MX29LV160DTXHI-70G, MX68GA1G0FLXFI-11G 7. Update data of Recommend for New Design and Recommended Product	All	Jan. 2022
Rev.31	1. Added new supported EPN. 2. Extend longevity support of EPN MX29GL640EBTI-70G to 2031 and MX25L25645GM2I-08G to 2032. 3. End longevity support of EPN MX25U4035ZNI-25G to May 2022 for lack of demand.	1, 10, 11,13, 16	Apr. 2022
Rev.32	1. Added new supported EPN 2. Update data of Recommend for New Design and Recommended Product 3. Extend longevity support of EPN MX29GL512GDXFI-11Q to 2033 and MX29GL256FHT2I-90Q, MX29GL128FHT2I-70G, MX29LV640EBTI-70G to 2029.	1, 2, 3, 4, 7, 11, 12, 13, 15, 16	Oct. 2022
Rev.33	1. Shorten longevity support of MX25L1006EWGI-10, MX25L1006EWGR-10, MX25L12855FXCI-10G, MX25L25655FXCI-10G, MX25L6406EZ3I-12G, MX25L6433FWJI-08, MX25U1635FWGI-10, MX25U2033EBAI-12G, MX25U2033EM1I-12G, MX25V8035FWJR to November 2022 for lack of demand.	1, 2, 3, 6, 8, 11	Nov. 2022
Rev.34	1. Added new supported EPN 2. Update data of Recommended Product	6, 8, 10. 11, 12, 16, 19	Jan. 2023
Rev.35	1. Added new supported EPN 2. Update data of Recommended Product	1, 2, 3, 4, 7, 12,16	Feb. 2023
Rev.35	1. Extend longevity support of EPN MX25L6433FZNI-08G, MX25L6433FMI-08G, MX25L3235EMR-10G. MX25L3233FM1I-08G, MX25L3233FM2I-08G, MX25L3233FZNI-08G, MX25L1606EZUI-12G, MX25L8006EZUI-12G, MX29GL256FLT2I-90Q, MX29GL128FHT2I-90G, MX29GL128FLT2I-90G, MX29GL128FHXFI-70G, MX29GL128FHT2S-90G, MX29LV640EBXEI-70G, MX29LV320EBXEI-70G, MX29LV320EBTI-70G, MX29LV320ETTI-70G, MX29LV800CBXEI-70G, MX29LV800CTTI-70G and MX29F800CBTI-70G to 2028. 2. Remove longevity support EPN: MX25L128356M2I02, MX25L64356M2I03 and MX25L32356M2I03. Please contact Macronix for any question.	2, 3, 4, 5, 6, 15, 16, 17, 18	Mar. 2023
Rev.36	1. Added new supported EPN. 2. End longevity support of EPN MX29GA640ELXFI-90G to April 2023 for lack of demand.	1, 2, 3, 8, 11, 12, 13, 16, 17, 20	Jul. 2023
Rev.37	1. Added new supported EPN. 2. Update data of Recommended Product. 3. Extend longevity support of 138 EPN to 2029 or 2026 according to shipment records respectively. 4. Remove longevity support EPN: MX29GL512GHT2R-11G. Please contact Macronix for any question.	1-13, 16-20	Sep. 2023
Rev.38	1. Added new supported EPN. 2. Update data of Recommended Product.	3, 4, 11, 13, 20	Jan. 2024
Rev.39	1. Added new supported EPN. 2. Update data of Recommended Product.	1, 2, 3, 4	Feb. 2024
Rev.40	1. Extend longevity support of MX25L25639FXDQ-10G and MX25L12839FXDQ-10G. 2. Updates data of "Recommend for New Design" and remarks "Support Existed Case" or recommended product for 56 EPN. (Note: For the EPN that "Support To" date was expired after 2024/2. Macronix watches the shipment in the future for extending supports without MPLP.) 3. Removed 32 EPN that are EOLed.	All	Apr. 2024
Rev.41	1. Extend longevity support of 39 EPN, including MX25L6433FMI-08G and others. 2. Shorten support of MX25L3254EXCI-10G and MX25L4006EM1K-12G to June 2024 for lack of demand. 3. Updates data of "Recommend for New Design". 4. Removed 7 EPN that are EOLed or lack of demand.	All	Jun. 2024
Rev.41	1. Added new supported EPN. 2. Removed 19 EPN below that are lack of demand. (Note: For the EPN that "Support To" date was expired after 2024/2. Macronix watches the shipment in the future for extending supports without MPLP.) MX25L2006EWGI-12, MX25L2006EWRI-12, MX25L25635FWGI-10, MX25L3208EM2I-12G, MX25L3239EZNI-10G, MX25L3254EXCI-10G, MX25L4006EM1K-12G, MX25L4006EWRI-12, MX25L6406EM2I-12GF, MX25L6406EZNI-12GF, MX25L6408EM2I-12G, MX25L6435EMI-10G, MX25L6435EZ2I-10G, MX25L6456EXDI-10G, MX25U12835FMI-10G, MX25U1635EM1I-10G, MX25U4033EZNI-12G, MX25U8033EM2I-12G, MX25U8033EZUI-12G 3. Extend longevity support of 24 EPN, including MX25U25645GXDQ00 and others 4. Update "Recommend for New Design" Status and "Remark or Recommended Product"	All	Aug. 2024
Rev.42	1. Added new supported EPN. 2. Update "Remark or Recommended Product"	5, 6, 7, 8, 9, 11, 12, 13, 17, 18	Dec. 2024
Rev.43	1. Added new supported EPN. 2. Update "Remark or Recommended Product" 3. MX25L1606EM2S-12G, MX29GL320ETTR-80G, MX29LV320ETTR-80G, MX29F400CBTR-80G were EOLed, due to lack of demand, and they will be removed later.	1-13, 16-19	Mar. 2025

Notice of MPLP

The Macronix Product Longevity Program (MPLP) is designed to provide availability of select Serial NOR, Parallel NOR and NAND Flash products for a period of up to 10 years. Macronix also provides an extended obsolescence notification period of 1 year (last order), and one additional year for final shipment(s) (last shipment) to customers who have placed order(s) within the last three years before the obsolescence notification date.

Longevity Program includes most of automotive grade products. In case the product of interest is not currently covered by the program, please contact your local Macronix sales for support.

Macronix reserves the right to remove certain products from the MPLP and/or may make changes to it as necessary.

The MPLP is not a guarantee of supply for the products listed.