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 | | |
| 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 | |

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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 | | |
| 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 | No | Contact Macronix |
| | | | | | MX25L25673GZ2R-08G | Jul. 2023 | 10 | Jul. 2033 | Yes | |
| | | 24 | TFBGA | | MX25L25639FXDQ-10G | Jul. 2017 | 16 | Jan. 2033 | No | Recommend MX25L25645GXDQ-08G & Keep support existed designed case |
| | | | | | 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 | 15 | Oct. 2032 | 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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# 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 | | |
| 128Mb | x1/x2/x4 | 8 | SOP | Automotive | MX25L12833FM2Q-10G | Jul. 2019 | 10 | Jul. 2029 | Yes | |
| | | | | | MX25L12833FM2R-10G | Apr. 2020 | 10 | Apr. 2030 | Yes | |
| | | | | | MX25L12833FM2S-10G | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25L12835FM2S-10G | Dec. 2015 | 10 | Dec. 2025 | No | MX25L12833FM2S-10G |
| | | | | | MX25L12845GM2R-08G | Apr. 2021 | 10 | Apr. 2031 | Yes | |
| | | 16 | | | MX25L12833FMR-10G | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25L12835FMR-10G | Feb. 2014 | 15 | Dec. 2029 | No | MX25L12833FMR-10G |
| | | | | | MX25L12833FMS-10G | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25L12835FMS-10G | Feb. 2014 | 13 | Feb. 2027 | No | MX25L12833FMS-10G |
| | | | | | MX25L12833FMQ-10G | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25L12839FMQ-10G | Dec. 2016 | 10 | Dec. 2026 | No | MX25L12833FMQ-10G |
| | | | | | MX25L12845GMR-08G | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25L12845GMR-10G | Dec. 2015 | 14 | Dec. 2029 | Yes | MX25L12845GMR-08G |
| | | 24 | TFBGA | | MX25L12833FXDQ-10G | Jul. 2023 | 10 | Jul. 2033 | Yes | |
| | | | | | MX25L12833FXDS-10G | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25L12835FXDS-10G | Dec. 2015 | 10 | Dec. 2025 | No | MX25L12833FXDS-10G |
| | | | | | MX25L12839FXDQ-10G | Jan. 2024 | 9 | Jan. 2033 | No | Recommend MX25L12833FXDQ-10G & Keep support existed designed case |
| | | 8 | SOP | Industrial | MX25L12833FM2I-10G | Apr. 2020 | 10 | Apr. 2030 | Yes | |
| | | | | | MX25L12835FM2I-10G | Feb. 2014 | 14 | Feb. 2028 | No | MX25L12833FM2I-10G |
| | | | | | MX25L12845GM2I-08G | Oct. 2017 | 10 | Oct. 2027 | Yes | |
| | | | WSON | | MX25L12833FZNI-10G | Apr. 2020 | 10 | Apr. 2030 | Yes | |
| | | | | | MX25L12833FZ2I-10G | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25L12835FZ2I-10G | Feb. 2014 | 15 | Dec. 2029 | No | MX25L12833FZ2I-10G |
| | | | | | MX25L12835FZNI-10G | Feb. 2014 | 15 | Dec. 2029 | No | MX25L12833FZNI-10G |
| | | | | | MX25L12872FZNI-10G | Oct. 2019 | 10 | Oct. 2029 | Yes | |
| | | 16 | SOP | | MX25L12833FMI-10G | Jul. 2020 | 15 | Dec. 2035 | Yes | |
| | | | | | MX25L12835FMI-10G | Feb. 2014 | 15 | Dec. 2029 | No | MX25L12833FMI-10G |
| | | | | | MX25L12845EMI-10G | Mar. 2016 | 10 | Dec. 2026 | No | MX25L12833FMI-10G |
| | | 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-09Q |
| | | | | | MX25L6435EM2R-12G | Feb. 2014 | 13 | Feb. 2027 | Yes | MX25L6433FM2R-08Q |
| | | | | | MX25L6433FM2S-08Q | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25L6435EM2S-10G | Feb. 2014 | 10 | Feb. 2024 | No | MX25L6433FM2S-08Q |
| | | | | | MX25L6433FM2S-08G | Apr. 2018 | 10 | Apr. 2028 | No | MX25L6433FM2S-08Q |
| | | | | | MX25L6433FM2R-08Q | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25L6433FM2R-08G | Dec. 2016 | 13 | Dec. 2029 | No | MX25L6433FM2R-08Q |
| | | | | | MX25L6433FM2Q-09Q | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25L6433FM2Q-09G | Apr. 2018 | 10 | Apr. 2028 | No | MX25L6433FM2Q-09Q |
| | | | | | MX25L6473EM2R-12G | Dec. 2015 | 11 | Dec. 2026 | Yes | |
| | | | | | MX25L6445EM2Q-12G | Apr. 2018 | 10 | Apr. 2028 | Yes | MX25L6433FM2Q-09Q |
| | | | WSON | | MX25L6433FZNQ-09G | Oct. 2019 | 10 | Oct. 2029 | No | MX25L6433FZNQ-09Q |
| | | | | | MX25L6433FZNQ-09Q | Oct. 2020 | 10 | Oct. 2030 | Yes | |
| | | | | | MX25L6433FZ2S-08G | Apr. 2018 | 10 | Apr. 2028 | No | MX25L6433FZ2S-08Q |
| | | | | | MX25L6433FZ2S-08Q | Oct. 2020 | 10 | Oct. 2030 | Yes | |
| | | 16 | SOP | | MX25L6433FMR-08Q | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25L6445EMR-12G | Feb. 2014 | 15 | Dec. 2029 | Yes | MX25L6433FMR-08Q |
| | | | | | MX25L6435EMR-12G | Dec. 2014 | 13 | Dec. 2027 | No | MX25L6433FMR-08Q |
| | | 24 | TFBGA | | MX25L6439EXDQ-12G | Jul. 2017 | 10 | Jul. 2027 | Yes | |
| | 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 | No | Contact Macronix |
| | | | | | MX25L6456FXDI-09G | Feb. 2015 | 13 | Feb. 2028 | No | Contact Macronix |


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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 | | |
| 32Mb | x1/x2 | 8 | SOP | Automotive | MX25L3206EM2R-12G | Feb. 2014 | 10 | Feb. 2024 | Yes | MX25L3233FM2R-08Q |
| | | | | | MX25L3206EM2S-12G | Feb. 2014 | 13 | Feb. 2027 | Yes | MX25L3233FM2S-08Q |
| | | | | Industrial | MX25L3206EM2I-12G | Feb. 2014 | 14 | Feb. 2028 | 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 | No | Contact Macronix |
| | | | | | MX25L3235EWGQ-12 | Dec. 2014 | 15 | Dec. 2029 | Yes | |
| | | 8 | | | MX25L3235EM2Q-12G | Apr. 2018 | 10 | Apr. 2028 | Yes | MX25L3233FM2Q-08Q |
| | | | | | MX25L3235EM2R-10G | Feb. 2014 | 15 | Dec. 2029 | Yes | MX25L3233FM2R-08Q |
| | | | | | MX25L3235EM2S-10G | Feb. 2014 | 12 | Dec. 2026 | Yes | MX25L3233FM2S-08Q |
| | | | | | MX25L3233FM1Q-08Q | Jan. 2020 | 10 | Jan. 2030 | Yes | |
| | | | | | MX25L3233FM1R-08Q | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25L3233FM1R-08G | Mar. 2017 | 15 | Mar. 2032 | No | MX25L3233FM1R-08Q |
| | | | | | MX25L3233FM2S-08Q | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25L3233FM2S-08G | Dec. 2016 | 13 | Dec. 2029 | No | MX25L3233FM2S-08Q |
| | | | | | MX25L3233FM2R-08Q | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25L3233FM2R-08G | Oct. 2017 | 15 | Oct. 2032 | No | MX25L3233FM2R-08Q |
| | | | | | MX25L3233FM2Q-08Q | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25L3233FM2Q-08G | Jul. 2020 | 10 | Jul. 2030 | No | MX25L3233FM2Q-08Q |
| | | | USON | | MX25L3233FZBR-08Q | Apr. 2019 | 10 | Apr. 2029 | Yes | |
| | | 16 | SOP | | MX25L3233FMQ-08G | Apr. 2019 | 10 | Apr. 2029 | No | MX25L3233FMQ-08Q |
| | | | | | MX25L3233FMQ-08Q | Oct. 2020 | 10 | Oct. 2030 | Yes | |
| | | | | | MX25L3235EMR-10G | Dec. 2014 | 14 | Dec. 2028 | Yes | |
| | | | WAFER | Industrial | MX25L3233FWJI-08 | Feb. 2015 | 10 | Feb. 2025 | No | MX25L3233FWJI-09 |
| | | | | | 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 | 13 | Feb. 2028 | 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 | No | Contact Macronix |
| | | 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 | No | |


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|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | From | Year | To | | |
| 16Mb | x1/x2 | 8 | SOP | Automotive | MX25L1606EM1Q-12G | Feb. 2014 | 13 | Feb. 2027 | Yes | |
| | | | | | MX25L1606EM1R-12G | Feb. 2014 | 12 | Dec. 2026 | Yes | |
| | | | | | MX25L1606EM1S-12G | Feb. 2014 | 15 | Dec. 2029 | Yes | MX25V1606FM1S03 |
| | | | | | MX25L1606EM2Q-12G | Apr. 2018 | 10 | Apr. 2028 | Yes | |
| | | | | | MX25L1606EM2R-12G | Feb. 2014 | 13 | Dec. 2027 | Yes | |
| | | | | | MX25L1606EM2S-12G | Feb. 2014 | 10 | Feb. 2024 | Yes | |
| | | | WAFER | Industrial | MX25L1606EWGI-12 | Feb. 2014 | 15 | Dec. 2029 | Yes | MX25V1606FW8I03 |
| | | 8 | SOP | | MX25L1606EM1I-12G | Feb. 2014 | 14 | Feb. 2028 | Yes | MX25V16066M1I02 |
| | | | | | MX25L1606EM2I-12G | Feb. 2014 | 20 | Dec. 2034 | Yes | MX25V16066M2I02 |
| | | | USON | | MX25L1606EZUI-12G | Feb. 2014 | 14 | Feb. 2028 | Yes | |
| | | | WSON | | MX25L1606EZNI-12G | Feb. 2014 | 15 | Dec. 2029 | No | MX25V16066ZNI02 |
| | | 16 | SOP | | MX25L1606EMI-12G | Feb. 2014 | 15 | Dec. 2029 | Yes | |
| | x1/x2/x4 | 8 | SOP | Automotive | MX25L1633EM2R-10G | Feb. 2014 | 15 | Feb. 2029 | Yes | |
| | | | | | MX25L1633EM2S-10G | Feb. 2014 | 15 | Dec. 2029 | Yes | MX25V1635FM2S03 |
| | | | WSON | | MX25L1633EZNR-10G | Feb. 2014 | 10 | Feb. 2024 | Yes | |
| | | | | | MX25L1633EZNS-10G | Dec. 2014 | 15 | Dec. 2029 | Yes | MX25V1635FZNS03 |
| | | | 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 | |
| | | | 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 | Jan. 2019 | 10 | Jan. 2029 | No | MX25V1635FM1Q03 |
| | | | | | MX25V1635FM1R03 | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25V1635FM1R | Apr. 2018 | 10 | Apr. 2028 | No | MX25V1635FM1R03 |
| | | | | | MX25V1635FM1S03 | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25V1635FM1S | Dec. 2016 | 10 | Dec. 2026 | No | MX25V1635FM1S03 |
| | | | | | MX25V1635FM2R | Oct. 2019 | 10 | Oct. 2029 | No | Contact Macronix |
| | | | | | MX25V1635FM2S03 | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25V1635FM2S | Oct. 2019 | 10 | Oct. 2029 | No | MX25V1635FM2S03 |
| | | | WSON | | MX25V1635FZNS03 | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25V1635FZNQ | Jan. 2019 | 10 | Jan. 2029 | No | MX25V1635FZNQ03 |
| | | | | | MX25V1635FZNQ03 | Oct. 2020 | 10 | Oct. 2030 | Yes | |
| | x1/x2 | 8 | SOP | Industrial | MX25V1606FM1I03 | Jul. 2020 | 10 | Jul. 2030 | No | MX25V16066M1I02 |
| | | | | | MX25V1606FM2I03 | Jul. 2020 | 10 | Jul. 2030 | No | MX25V16066M2I02 |
| | | | | | MX25V16066M1I02 | May 2021 | 10 | May 2031 | Yes | |
| | | | | | MX25V16066M2I02 | May 2021 | 10 | May 2031 | Yes | |
| | | | WSON | | MX25V1606FZNI03 | Jul. 2020 | 10 | Jul. 2030 | No | MX25V16066ZNI02 |
| | | | | | MX25V16066ZNI02 | Jul. 2021 | 10 | Jul. 2031 | Yes | |
| | 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.


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# 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 | MX25V8035FM1Q03 |
| | | | | | MX25L8006EM1R-12G | Feb. 2014 | 15 | Dec. 2029 | Yes | MX25V8035FM1R03 |
| | | | | | MX25L8006EM1S-12G | Feb. 2014 | 15 | Dec. 2029 | Yes | MX25V8035FM1S03 |
| | | | | | 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 | MX25V80066M1I02 |
| | | | | | MX25L8006EM1J-12G | Jul. 2016 | 13 | Dec. 2029 | Yes | |
| | | | | | MX25L8006EM2I-12G | Feb. 2014 | 14 | Feb. 2028 | Yes | MX25V80066M2I02 |
| | | | | | MX25L8008EM2I-12G | Feb. 2014 | 12 | Dec. 2026 | Yes | MX25V8035FM2I |
| | | | USON | | MX25L8006EZUI-12G | Feb. 2014 | 14 | Feb. 2028 | No | |
| | | | WSON | | MX25L8006EZNI-12G | Feb. 2014 | 15 | Dec. 2029 | Yes | MX25V80066ZNI02 |

## 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 | No | MX25V8035FM1Q03 |
| | | | | | MX25V8035FM1Q03 | Oct. 2020 | 10 | Oct. 2030 | Yes | |
| | | | | | MX25V8035FM1R03 | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25V8035FM1R | Jul. 2017 | 15 | Jul. 2032 | No | MX25V8035FM1R03 |
| | | | 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 | MX25V80066M1I02 |
| | | | | | MX25V80066M1I02 | May 2021 | 10 | May 2031 | Yes | |
| | | | | | MX25V80066M2I02 | May 2021 | 10 | May 2031 | Yes | |
| | | | WSON | | MX25V8006EZNI-13G | Feb. 2014 | 10 | Feb. 2024 | No | MX25V80066ZNI02 |

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


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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 | | |
| 4Mb | x1/x2 | 8 | SOP | Automotive | MX25L4006EM1Q-12G | Feb. 2014 | 15 | Feb. 2029 | Yes | MX25V4035FM1Q03 |
| | | | | | MX25L4006EM1R-12G | Feb. 2014 | 15 | Dec. 2029 | Yes | MX25V4035FM1R03 |
| | | | | | 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 | MX25V4035FZUQ03 |
| | | 8 | SOP | | MX25L4006EM1I-12G | Feb. 2014 | 14 | Feb. 2028 | Yes | MX25V40066M1I02 |
| | | | | | MX25L4006EM2I-12G | Feb. 2014 | 14 | Feb. 2028 | Yes | MX25V40066M2I02 |
| | | | | | MX25L4026EM1I-12G | Feb. 2014 | 12 | Dec. 2026 | Yes | |
| | | | USON | | MX25L4006EZUI-12G | Feb. 2014 | 17 | Dec. 2031 | Yes | MX25V40066ZUI02 |
| | | | WSON | | MX25L4006EZNI-12G | Feb. 2014 | 12 | Dec. 2026 | No | |

## 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 | |
| | | | | | 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 | MX25V4035FM1R03 |
| | | | | Industrial | MX25V4006EM1I-13G | Feb. 2014 | 15 | Dec. 2029 | Yes | MX25V40066M1I02 |
| | | | | | MX25V40066M1I02 | May 2021 | 10 | May 2031 | Yes | |
| | | | | | MX25V40066M2I02 | May 2021 | 10 | May 2031 | Yes | |
| | | | WSON | | MX25V4006EZNI-13G | Feb. 2014 | 12 | Dec. 2026 | Yes | |
| | | | WAFER | | MX25V4006EWSI-13 | Aug. 2015 | 14 | Dec. 2029 | No | |
| | | | | | 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.


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# 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 | |
| | | | | | MX25L2006EM1R-12G | Apr. 2018 | 10 | Apr. 2028 | Yes | MX25V2033FM1R |
| | | | | | 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 | |
| | | 8 | SOP | | MX25L2006EM1I-12G | Feb. 2014 | 14 | Feb. 2028 | Yes | MX25V20066M1I02 |
| | | | USON | | MX25L2006EZUI-12G | Feb. 2014 | 14 | Feb. 2028 | Yes | MX25V20066ZUI02 |
| | | | WSON | | MX25L2006EZNI-12G | Feb. 2014 | 15 | Dec. 2029 | No | |

## 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 | No | Contact Macronix |
| | x1/x2 | | SOP | Industrial | MX25V2006EM1I-13G | Feb. 2014 | 14 | Feb. 2028 | Yes | MX25V20066M1I02 |
| | | | | | MX25V20066M1I02 | May 2021 | 10 | May 2031 | Yes | |
| | 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 | No | MX25V2033FM1I |

## 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 | |
| | | | 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 | No | MX25V1006FM1I |
| | 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.


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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 | | |
| 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.


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# 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 | |
| | 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 | |
| | | | WAFER | | MX25UW25A45GWSU00 | Apr. 2022 | 10 | Apr. 2032 | Yes | |
| 128Mb | x1/x8 | | WAFER | Automotive | MX25UW12A45GWSU00 | Apr. 2022 | 10 | Apr. 2032 | Yes | |
| | | 24 | TFBGA | | MX25UW12845GXDQ00 | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | x1/x2/x4 | | | | MX25U12845GXDQ00 | Apr. 2021 | 10 | Apr. 2031 | Yes | |
| | | | | | MX25U12845GXDR00 | Jul. 2023 | 10 | Jul. 2033 | Yes | |
| | | | SOP | | MX25U12835FM2R-13G | Mar. 2017 | 10 | Mar. 2027 | No | Contact Macronix |
| | | | | | MX25U12832FM2Q02 | Apr. 2021 | 10 | Apr. 2031 | Yes | |
| | | 8 | WSON | Industrial | MX25U12832FZ4I02 | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25U12835FZ2I-10G | Feb. 2014 | 12 | Dec. 2026 | No | MX25U12832FZ4I02 |
| | | | | | MX25U12832FZNI02 | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25U12835FZNI-10G | Feb. 2014 | 15 | Dec. 2029 | No | 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 | No | MX25U6432FM2Q02 |
| | | | | | MX25U6432FM2Q02 | Oct. 2020 | 10 | Oct. 2030 | Yes | |
| | | | WAFER | Industrial | MX25U6435FWGI-10 | Feb. 2014 | 10 | Feb. 2024 | No | MX25U6432FW8I02 |
| | | | | | MX25U6432FW8I02 | Oct. 2020 | 10 | Oct. 2030 | Yes | |
| | | 8 | SOP | | MX25U6432FM2I02 | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25U6435FM2I-10G | Feb. 2014 | 15 | Dec. 2029 | No | MX25U6432FM2I02 |
| | | | WSON | | MX25U6432FZNI02 | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25U6435FZNI-10G | Feb. 2014 | 15 | Dec. 2029 | No | MX25U6432FZNI02 |
| | | 12 | WLCSP | | MX25U6432FBBI02 | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25U6435FBBI-10G | Feb. 2014 | 15 | Dec. 2029 | No | MX25U6432FBBI02 |


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## 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 | No | MX25U3232FM2I02 |
| | | | | | MX25U3273FM2I-12G | Apr. 2024 | 8 | Apr. 2032 | No | |
| | | | USON | | MX25U3232FZBI02 | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25U3235FZBI-10G | Apr. 2018 | 10 | Apr. 2028 | No | MX25U3232FZBI02 |
| | | | WSON | | MX25U3232FZNI02 | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX25U3235FZNI-10G | Feb. 2014 | 15 | Dec. 2029 | No | MX25U3232FZNI02 |
| | | | SOP | Automotive | MX25U3235FM2Q-13G | Apr. 2018 | 10 | Apr. 2028 | No | MX25U3232FM2Q02 |
| | | | | | MX25U3232FM2Q02 | Oct. 2020 | 10 | Oct. 2030 | Yes | |
| | | | | | 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 | |
| | | | SOP | | MX25U1635FM1Q-13G | Apr. 2019 | 10 | Apr. 2029 | No | MX25U1632FM1Q02 |
| | | | | | 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 | No | MX25U1633FW8I03 |
| | | 8 | SOP | | MX25U1632FM2I02 | Apr. 2021 | 10 | Apr. 2031 | Yes | |
| | | | | | MX25U1635EM2I-10G | Feb. 2014 | 15 | Dec. 2029 | Yes | |
| | | | | | MX25U1633FM2I | Jul. 2020 | 10 | Jul. 2030 | No | MX25U1632FM2I02 |
| | | | | | MX25U1635FM2I-10G | Jul. 2016 | 13 | Dec. 2029 | No | MX25U1632FM2I02 |
| | | | USON | | MX25U1632FZCI02 | Apr. 2021 | 10 | Apr. 2031 | Yes | |
| | | | | | MX25U1635FZUI-10G | Jan. 2017 | 10 | Jan. 2027 | No | MX25U1632FZCI02 |
| | | | | | MX25U1633FZAI | Oct. 2020 | 10 | Oct. 2030 | Yes | |
| | | | | | MX25U1635EZUI-10G | Feb. 2014 | 12 | Dec. 2026 | Yes | MX25U1632FZCI02 |
| | | | 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 | MX25U80356M1I02 |
| | | | | | 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 | |
| 4Mb | x1/x2/x4 | 8 | SOP | Industrial | MX25U4035FM1I | Jul. 2020 | 10 | Jul. 2030 | Yes | MX25U40356M1I02 |
| | | | | | 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 | |



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# 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 | |
| | | | 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 | No | 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 | | Keep support existed designed case |
| | | | | | MX25R1635FM2IH2 | Feb. 2023 | 10 | Feb. 2033 | Yes | |
| | | | WLCSP | | MX25R1635FBDIL0 | Sep. 2023 | 5 | Sep. 2028 | No | Contact Macronix |
| 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 | No | MX25R4035FM1IL0 |

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


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## 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 | |


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## 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 | |


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## 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 | Yes | MX68GL1G0GHT2I-10G |
| | | | | | MX68GL1G0GLT2I-10Q | Jul. 2020 | 10 | Jul. 2030 | Yes | |
| | | | | | MX68GL1G0FLT2I-11G | Feb. 2014 | 12 | Dec. 2026 | Yes | 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 | MX29GL512GUXFI-11Q |
| | | | | | 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 | Yes | 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 | |
| | | | | | MX29GL256EHT2S-90Q | Apr. 2018 | 10 | Apr. 2028 | Yes | |
| | | 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 | |


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## 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 | MX29GL128FHXGI-70G |
| | | | | | 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 | 14 | Feb. 2028 | 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 | |
| | | | | | MX29GL128EHT2S-90G | Apr. 2018 | 10 | Apr. 2028 | Yes | |
| | | | LFBGA | | MX29GL128FLXFR-10G | Feb. 2014 | 10 | Feb. 2024 | Yes | |
| | | | | | MX29GL128EHXFR-10G | Apr. 2018 | 10 | Apr. 2028 | Yes | |
| | | | | | MX29GL128ELXFR-10G | Apr. 2018 | 10 | Apr. 2028 | Yes | |
| 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 | Contact Macronix |
| | | | | | MX29LA640ELWGI-70 | Feb. 2014 | 7 | May 2021 | No | Contact Macronix |
| | | | | | MX29LV640EBWGI-70 | Feb. 2014 | 12 | Dec. 2026 | Yes | |
| | | | | | MX29LV640ETWGI-70 | Feb. 2014 | 7 | May 2021 | No | Contact Macronix |
| | | 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 | |


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# 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 | Yes | |
| | | | | | MX29GL320ETTS-70G | Feb. 2014 | 13 | Feb. 2027 | Yes | |
| | | | | | MX29LV320EBTS-70G | Feb. 2014 | 13 | Feb. 2027 | Yes | |
| | | | | | MX29LV320ETTR-80G | Feb. 2014 | 8 | Feb. 2022 | Yes | |
| | | | | | 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 | Contact Macronix |
| | | | | | 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 | |


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## 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 | 10 | Apr. 2028 | Yes | |
| 2Mb | x8/x16 | 48 | TSOP | Industrial | MX29F200CBTI-70G | Feb. 2014 | 15 | Dec. 2029 | Yes | |
| | | | | | MX29F200CTTI-70G | Feb. 2014 | 10 | Feb. 2024 | Yes | |


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## 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 | |


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## 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<br>2. Added Revision History<br>3. Sorted products by descending voltage | 2, 14 | Apr. 2015 |
| Rev.4 | 1. Added supported EPN<br>2. Modify Product Type from "Parallel NAND" to "SLC NAND" | 14 | May 2015 |
| Rev.5 | Added supported EPN | 6 | Aug. 2015 |
| Rev.6 | 1. Added supported EPN<br>2. Demand vanish and removed supported EPN MX29GA257FHXCI-90Q<br>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<br>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<br>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<br>2. Demand vanish and removed supported EPN<br>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<br>3. Removed supported 44-SOP EPN as below, due to termination of packaging process from third party supplier<br>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<br>2. Aligned 128Mb Parallel NOR Flash Table | 1, 2, 3, 15, 20 | Apr. 2020 |
| Rev.22 | 1. Added new supported EPN<br>2. Modified table format that added Recommend for New Design and Recommended Product column<br>3. Modified notes of Macronix Product Longevity Program (MPLP) | All | Jul. 2020 |
| Rev.23 | 1. Added new supported EPN and recommended product<br>2. Demand vanish and removed supported EPN: MX30LF1G08AA-XKS<br>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"<br>2. Remove supported EPN: MX30LF1G08AA-TR because of no demand. | All<br>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.<br>MX30LF1G08AA-TI, MX30LF1G08AA-XKI, MX30LF1G08AA-TS, MX30LF1G08AA-XKR, MX30LF1208AA-TI, MX30LF1208AA-XKI<br>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<br>2. Update data of "Recommend for New Design" and "Recommended Product"<br>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<br>2. Update data of "Recommend for New Design" and "Recommended Product"<br>3. Shorten longevity support of Industry grade EPN below to May 2021 for lack of demand.<br>MX25L3206EXCI-12G, MX25L1633EWGI-10, MX25L5121EWGI-20, MX25U1635EWGI-10, MX25U1635EWRI-10, MX25U8035EBAI-10G, MX29GL640EHWGI-70, MX29LA640ELWGI-70, MX29LV640ETWGI-70, MX29GL320EHXFI-70G, MX29GA641EHXCI-90G, MX29LV800CBWGI-70<br>4. Shorten longevity support of automotive grade EPN below to Feb. 2022 for lack of demand.<br>MX25L6435EWGR-12, MX25L6445EM2R-12G, MX29GL320ETTR-80G, MX29LV320ETTR-80G, MX29LV160DBXHS-70G<br>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<br>2. Update data of "Recommend for New Design" and "Recommended Product"<br>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 |


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## Revision History - Continued

| | | | |
|---|---|---|---|
| Rev.30 | 1. Added new supported EPN<br>2. Extend longevity support of partial EPN to 2028 / 2029 for more then 10 years.<br>3. Add a new table that groups ArmorFlash™ product as an independent product series<br>4. Keep longevity support for MX29LV160DBXHS-70G till 2024<br>5. Remove MX25L51243GMI00, MX25V1606FW8I03 from EPN list because of product plan change before production. Please contact with Macronix for any concern.<br>6. End longevity support of EPN below to December 2021 for lack of demand.<br>MX25L1026EM1I-10G, MX25U2033EZNI-12G, MX25U2033EZUI-12G, MX25U3235FWGI-10, MX25V512EOI-13G, MX29GA320EHXFI-70G, MX29GA321EHXCI-70G, MX29LV160DTXHI-70G, MX68GA1G0FLXFI-11G<br>7. Update data of Recommend for New Design and Recommended Product | All | Jan. 2022 |
| Rev.31 | 1. Added new supported EPN.<br>2. Extend longevity support of EPN MX29GL640EBTI-70G to 2031 and MX25L25645GM2I-08G to 2032.<br>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<br>2. Update data of Recommend for New Design and Recommended Product<br>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<br>2. Update data of Recommended Product | 6, 8, 10. 11, 12, 16, 19 | Jan. 2023 |
| Rev.35 | 1. Added new supported EPN<br>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.<br>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.<br>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.<br>2. Update data of Recommended Product.<br>3. Extend longevity support of 138 EPN to 2029 or 2026 according to shipment records respectively.<br>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.<br>2. Update data of Recommended Product. | 3, 4, 11, 13, 20 | Jan. 2024 |
| Rev.39 | 1. Added new supported EPN.<br>2. Update data of Recommended Product. | 1, 2, 3, 4 | Feb. 2024 |
| Rev.40 | 1. Extend longevity support of MX25L25639FXDQ-10G and MX25L12839FXDQ-10G.<br>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.)<br>3. Removed 32 EPN that are EOLed. | All | Apr. 2024 |
| Rev.41 | 1. Extend longevity support of 39 EPN, including MX25L6433FMI-08G and others.<br>2. Shorten support of MX25L3254EXCI-10G and MX25L4006EM1K-12G to June 2024 for lack of demand.<br>3. Updates data of "Recommend for New Design".<br>4. Removed 7 EPN that are EOLed or lack of demand. | All | Jun. 2024 |
| Rev.41 | 1. Added new supported EPN.<br>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.)<br>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<br>3. Extend longevity support of 24 EPN, including MX25U25645GXDQ00 and others<br>4. Update "Recommend for New Design" Status and "Remark or Recommended Product" | All | Aug. 2024 |

**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.



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