



PRODUCT CHANGE NOTIFICATION

S-2006-03

Subject: Adding 512Mbit Serial NOR by 12" Wafer 55nm Process

Reason: Die shrink for continuity of supply

Issue Date: June 17, 2020

Change Type: Product Migration

Notification Number: S-2006-03

1. Affected Products: 512Mb 75nm Serial NOR Flash
(Industrial / Extended Temperature Grade)

Existing Part Number		New Part Number
MX66L51235FMI-10G	➔	MX25L51245GMI-08G
MX66L51235FMJ-10G	➔	MX25L51245GMJ-08G
MX66L51235FXDI-10G	➔	MX25L51245GXDI-08G
MX66L51235FZ2I-10G	➔	MX25L51245GZ2I-08G

Change Assessment Result:

We have qualified the additional 12" wafer 55nm process for die shrink of the new 512Mb Serial NOR Flash products and will proceed with the manufacture of above new products. The new products are now in full production and samples are available for those EPN listed in the table.

Recommendations:

1. Macronix encourages customers to adopt our new products in all new designs – and existing designs where possible.
2. Due to the manufacturing focus on the new products, the lead-time for the existing products may be much longer, and poor flexibility to expedite or support upside will be extremely limited. It depends on products.
3. We have made every effort to make the new products backward compatible as we can. However, please review the datasheet to ensure a smooth migration. Datasheet is available on our website: [MX25L51245G](#).
4. For comparison of these products, see application note: "The comparison of MX66L51235F and MX25L51245G" from product page link above.



PRODUCT CHANGE NOTIFICATION

S-2006-03

The information contained herein is provided based on the current product status. Macronix reserves the right to change product and specifications, or to make correction or modification to the document without notice. Unless otherwise agreed by Macronix in writing, Macronix shall assume no liability or responsibility for any damage or loss arising out of or in connection with this notice and/or the product change contemplated herein.

Except for customized products which have been expressly identified in the applicable agreement, Macronix's products are designed, developed, and/or manufactured for ordinary business, industrial, personal, and/or household applications only, and not for use in any applications which may, directly or indirectly, cause death, personal injury, or severe property damages. In the event Macronix products are used in contradicted to their target usage above, the buyer shall take any and all actions to ensure said Macronix's product qualified for its actual use in accordance with the applicable laws and regulations; and Macronix as well as it's suppliers and/or distributors shall be released from any and all liability arisen therefrom.

Copyright© Macronix International Co., Ltd. 2020. All rights reserved, including the trademarks and tradename thereof, such as Macronix, MXIC, MXIC Logo, MX Logo, Integrated Solutions Provider, Nbit, Macronix NBit, HybridNVM, HybridFlash, HybridXFlash, XtraROM, KH Logo, BE-SONOS, KSMC, Kingtech, MXSMIO, Macronix vEE, RichBook, Rich TV, OctaRAM, OctaBus, OctaFlash, FitCAM, ArmorFlash. The names and brands of third party referred thereto (if any) are for identification purposes only.