



# PRODUCT CHANGE NOTIFICATION

S-2006-05

**Subject:** Adding 256Mbit 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-2006-05

**1. Affected Products:** 256Mb 75nm Serial NOR Flash (Industrial Grade)

Existing Part Number		New Part Number
MX25U25635FBBI-10G	➔	MX25U25645GBFI00
MX25U25635FMI-10G	➔	MX25U25645GMI00
MX25U25635FZ2I-10G	➔	MX25U25645GZ4I00
MX25U25635FZ4I-10G	➔	MX25U25645GZ4I00

**Change Assessment Result:**

We have qualified the additional 12" wafer 55nm process for die shrink of the new 256Mb 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: [MX25U25645G](#).
4. For comparison of these products, see application note: "Migrating MX25U25635F to MX25U25645G" from product page link above.



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