MACRONIX INTERNATIONAL CO., LTD.

Product/Process Change Notice

PCN # P-2210-0002

Date: 2022/11/07

Dear Customer:

Please be informed that Macronix' 75nm processed NOR Flash product, MX25R3235FZNIL0, originally manufactured at Macronix' Fab 5 (12" fab) will also be manufactured at Macronix' Fab 2 (8" fab) from November, 2022.

Please be reminded that the Product to be manufactured at Fab2 (8" fab) will have the same specifications as well as the same ordering part number as those made at Fab 5 (12" fab), and the Fab2 product qualification report will be available upon request as provided under JEDEC.　 Please let us know within **30 days** if your esteemed company has any questions, concerns, or requests about this change.　 Otherwise, it will be deemed as your esteemed company has accepted the above change.

Please feel free to contact us or your local Macronix Sales Representatives if you have any questions, concerns, comments, or requests in connection with the above.

Sincerely Yours,

Macronix International Co., Ltd.

旺宏電子股份有限公司

PCN No.: P-2210-0002

Issue Date : 2022/11/07

Subject: 75nm Serial NOR Flash, MX25R3235FZNIL0, to be manufactured at Fab 2 (8" fab).

Change Category: Additional Manufacturing Site

Affected Products:

      MX25R3235FZNIL0

Reason of PCN:
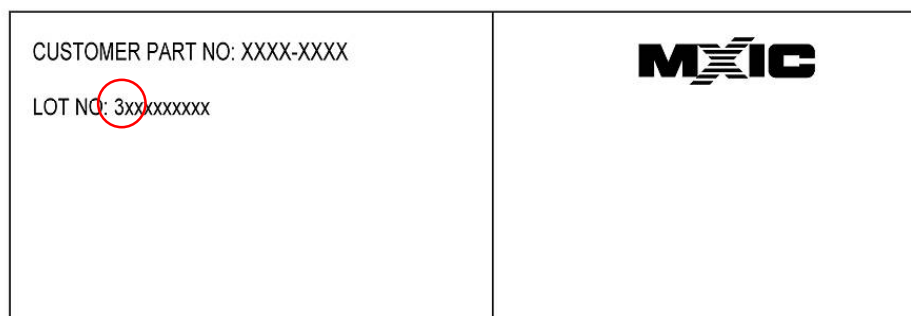
Additional wafer fab capacity.

Product identification:

1). Unique ID Data (UID) stored in the Serial Flash Discoverable Parameters (SFDP) can identify the wafer Fab locations. Please refer to the datasheet description regarding "Read SFDP data sequence" for details, read from address "1E1h", if the data is "F5h" it means the device is from Fab 5, if data is "F2h" means it's from Fab 2.

2). Package top marking with lot# can also identify the wafer Fabs, lot# starts with number "2, 3, or 5" means the device is from Fab 2, whereas Lot# starts with number "7,8, or 9" means the device is from Fab 5 (see below marking illustration as an example, lot# starts with a "3" means it is from Fab 2)

3)Package Label outside of shipping box can also identify the wafer Fabs. Lot# can be identified on the label. Lot# starts with number "2, 3, or 5" means the device is from Fab 2, whereas Lot# starts with number "7,8, or 9" means the device is from Fab 5 (Please refer to the below label illustration as an example, lot# starts with a "3" means it is from Fab 2)

Assessment result:

We have qualified our 8" wafer Fab 2 as an additional fabrication site for the 75nm 32Mb Serial NOR Flash products, as identified above. Macronix intends to start shipping such products from Fab 2 beginning December 07, 2022. If you have any concerns, or require additional info or samples, please contact us in writing within 30-day of this notice.

Schedule:

Sample available date: 2022/11/07

Shipment Start date: 2022/12/07 (for customers who approved the PCN)