



Product / Process Change Notice

No.: Z200-PCN-DM202407-02-A

Date: July 31, 2024

Change Title : 1Gb (64Mb x16 and 128Mb x8) DDR3/DDR3L technology migration from 25nm to 20nm.

Change Classification: Major Minor change with customer special request Minor with customer notification
Change item : DataSheet Design Raw Material Wafer FAB Assembly Testing Packing Manufacture site Others

Affected Product(s) :

Please refer to Table 1 in details.

Description of Change(s)

Technology migration (25nm to 20nm) for 1Gb DDR3/DDR3L.

Reason for Change(s) :

According to Winbond product roadmap, launch new 1Gb DDR3/DDR3L with 20nm technology.

Impact of Change(s) : (positive & negative)

Form : No Change

Fit : No Change (Please refer to attachment I)

Function : No Concern (Compatible between 25nm and 20nm, refer to attachment II)

Reliability : No Concern (Please refer to attachment III)

Hazardous Substances: No Concern (Please refer to attachment IV)

Qualification Plan/ Results :

Based on Winbond EV data result and industrial-plus reliability report, the new product meets our criteria and no quality concern.

Implementation Plan :

The follow-up disposition of 25nm 64Mb x16 DDR3/DDR3L and 128Mb x8 DDR3/DDR3L:

1) The date of last-buy orders: January 31, 2025.

2) The last shipment date: April 30, 2025.

Date Code: onward Lot No: onward Proposed first ship date: October 31, 2024

Originator:
(QA)

HYHuang

Approval:
(QA Dept.
Manager)

PCChou

Approval:
(QRA
Director)

TMKuo

Approval:
(Quality
Center VICE
PRESIDENT)

JFTsai

**Contact for Questions
& Concerns**

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E-mail: Hyhuang8@winbond.com



Customer Comments:

Note: Please sign this notice, and return to Winbond contact within 30 days. If no response is received within 30 days, this Change Request will be assumed to meet your approval.

Major change: Approval Disapproval Conditional Approval: _____.

Minor with customer special request: Approval Disapproval Conditional Approval : _____.

Minor change with customer notification: Recognition

Comment:

Date: _____

Dept. name: _____

Person in charge: _____



Table 1. The affected part no is listed below.

W631GG6NB-09	W631GG6NB09I	W631GG6NB09J	W631GG6NB-11	W631GG6NB11I
W631GG6NB11J	W631GG6NB-12	W631GG6NB12I	W631GG6NB12J	W631GG6NB-15
W631GG6NB15I	W631GG6NB15J	W631GU6NB-09	W631GU6NB09I	W631GU6NB-11
W631GU6NB11I	W631GU6NB11J	W631GU6NB-12	W631GU6NB12I	W631GU6NB12J
W631GU6NB-15	W631GU6NB15I	W631GG8NB-09	W631GG8NB09I	W631GG8NB09J
W631GG8NB-11	W631GG8NB11I	W631GG8NB11J	W631GG8NB-12	W631GG8NB12I
W631GG8NB12J	W631GG8NB-15	W631GG8NB15I	W631GG8NB15J	W631GU8NB-09
W631GU8NB09I	W631GU8NB09J	W631GU8NB-11	W631GU8NB11I	W631GU8NB11J
W631GU8NB-12	W631GU8NB12I	W631GU8NB12J	W631GU8NB-15	W631GU8NB15I
W631GU8NB15J				