



Product / Process Change Notice

No.: Z200-PCN-DM202104-01-A

Date: April 08, 2021

Change Title : 1Gb (64Mb x16 and 128Mb x8) DDR3/DDR3L technology migration from 38nm to 25nm.

Change Classification: Major Minor with customer notification Minor without customer notification
Change item : DataSheet Design Raw Material Wafer FAB Assembly Testing Packing Others

Affected Product(s) :

Please refer to Table 1 in details.

Description of Change(s)

Technology migration (38nm to 25nm) for 1Gb DDR3/DDR3L.

Reason for Change(s) :

According to Winbond product roadmap, launch new 1Gb DDR3/DDR3L with 25nm technology.

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

Form : No Change

Fit : No Change (Please refer to attachment I)

Function : No Concern (Compatible between 38nm and 25nm, refer to attachment II)

Reliability : No Concern (Please refer to attachment III)

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

Qualification Plan/ Results :

Base on Winbond EV data result and commercial grade reliability report, the new product meets our criteria and no quality concern.

Implementation Plan :

The follow-up disposition of 38nm 64Mb x16 DDR3/DDR3L and 128Mb x8 DDR3/DDR3L :

- 1) The date of last-buy orders for the 38nm 64Mb x16 and 128Mb x8 DDR3/DDR3L: October 15, 2021.
- 2) The last shipment date of the 38nm 64Mb x16 and 128Mb x8 DDR3/DDR3L: January 17, 2022.

Date Code: _____ onward Lot No: _____ onward Proposed first ship date: July 16, 2021

Originator:
(QA)

Hyhuang

**Approval: (QA
Dept. Manager)**

Michael

Approval:
(QRA Director)

Chang Shu Cheng

**Contact for Questions
& Concerns**

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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 change with customer notification: Recognition

Minor change without customer notification: Approval Disapproval

Conditional Approval : _____

Comment:

Date: _____

Dept. name: _____

Person in charge: _____



Table 1. The affected part no are list below.

W631GG6MB-09	W631GU6MB-09	W631GU6MB-15	W631GG8MB-12	W631GU8MB-11
W631GG6MB-11	W631GU6MB-11	W631GG8MB-09	W631GG8MB-15	W631GU8MB-12
W631GG6MB-12	W631GU6MB-12	W631GG8MB-11	W631GU8MB-09	W631GU8MB-15
W631GG6MB-15				