



Product / Process Change Notice

No.: Z200-PCN-DM201901-01-A

Date: January 02, 2019

Change Title : 2Gb (256Mbx8 and 128Mbx16) DDR3/DDR3L technology migration from 38nm to 25nm for Commercial and Industrial grade

Change Classification: Major Minor with customer notification

Change item : 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 2Gb DDR3/DDR3L Commercial and Industrial grade.

Reason for Change(s) :

According to Winbond product roadmap, launch new 2Gb DDR3/DDR3L Commercial and Industrial grade with 25nm technology.

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

Form : No Change

Fit : No Change (Refer to attachment I)

Function : No Concern (The function is compatible between 38nm and 25nm, refer to attachment II)

Reliability : No Concern (The reliability test pass, refer to attachment III)

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

Qualification Plan/ Results :

Base on Winbond Reliability report, the Commercial/Industrial grade meet Winbond criteria and no quality concern (refer to attachment III in detail).

Implementation Plan :

Commercial/Industrial grade product launch date of the 25nm 256Mb x8 and 128Mb x16 2Gb DDR3/ DDR3L: Dec 25, 2018.

Proposed ship date of the 25nm 256Mb x8 and 128Mb x16 2Gb DDR3/DDR3L Commercial/Industrial grade: Apr 01, 2019.

The follow-up disposition of 38nm 256Mb x8 and 128Mb x16 2Gb DDR3/DDR3L Commercial/Industrial grade:

1) The date of Last-buy orders for the 38nm 256Mb x8 and 128Mb x16 2Gb DDR3/DDR3L Commercial/Industrial grade: Jul 01, 2019.

2) The last shipment date of the 38nm 256Mb x8 and 128Mb x16 2Gb DDR3/DDR3L Commercial/Industrial grade: Oct 01, 2020.

Date Code: _____ onward Lot No: _____ onward Proposed first ship date: April 01, 2019

Originator: (QA)

Hyhuang

Approval: (QA Dept. Manager)

YH Cheng

Approval: (QRA Director)

Geron Chen



Contact for Questions & Concerns	Name: <u>Betty Huang</u> TEL: <u>886-3-5678168</u> (ext.76549) FAX: <u>886-3-5796124</u> Address : <u>No. 8,Keya 1st Rd., Daya Dist., Central Taiwan Science Park, Taichung City 42881,Taiwan</u> E-mail: <u>Hyhuang8@winbond.com</u>
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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: <input type="checkbox"/> Approval <input type="checkbox"/> Disapproval <input type="checkbox"/> Conditional Approval : _____. Minor change with customer notification: <input type="checkbox"/> Recognition Comment: Date: _____ Dept. name: _____ Person in charge: _____



Table 1. The affected part no are list below.

W632GG6MB-07	W632GG6MB12J	W632GU6MB11I	W632GG8MB09I	W632GU8MB09I
W632GG6MB-08	W632GG6MB-15	W632GU6MB11J	W632GG8MB-11	W632GU8MB-11
W632GG6MB-09	W632GG6MB15I	W632GU6MB-12	W632GG8MB11I	W632GU8MB11I
W632GG6MB09I	W632GG6MB15J	W632GU6MB12I	W632GG8MB11J	W632GU8MB-12
W632GG6MB09J	W632GU6MB-08	W632GU6MB12J	W632GG8MB-12	W632GU8MB12I
W632GG6MB-11	W632GU6MB-09	W632GU6MB-15	W632GG8MB12I	W632GU8MB12J
W632GG6MB11I	W632GU6MB09I	W632GU6MB15I	W632GG8MB-15	W632GU8MB-15
W632GG6MB-12	W632GU6MB09J	W632GU6MB15J	W632GG8MB15I	W632GU8MB15I
W632GG6MB12I	W632GU6MB-11	W632GG8MB-09	W632GU8MB-09	