



Product / Process Change Notice

No.: Z200-PCN-DM202012-02-A

Date: December 15, 2020

Change Title : 1Gb (64Mb x16 and 128Mb x8) DDR2 technology migration from 46nm 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 (46nm to 25nm) for 1Gb DDR2.

Reason for Change(s) :

According to Winbond product roadmap, launch new 1Gb DDR2 with 25nm technology.

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

Form : No Change

Fit : Change (W971GG8SB PKG size shrink from 8x12.5MM to 8x 9.5MM (please refer to attachment I))

Function : No Concern (Compatible between 46nm 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, the new product meets our criteria and no quality concern(refer to attachment III in details)

Implementation Plan :

The follow-up disposition of 46nm 64Mb x16 & 128Mb x8 DDR2:

- 1) The date of last-buy orders for 46nm 64Mb x16 & 128Mb x8 DDR2: Jun 17,2021
- 2) The last shipment date of 46nm 64Mb x16 & 128Mb x8 DDR2: Sep 17,2021

Date Code: ____ onward Lot No: ____ onward Proposed first ship date: March 17, 2021

Originator:
(QA)

Approval: (QA Dept. Manager)

Approval: (QRA Director)

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.

W971GG6SB-15	W971GG6SB-25	W971GG8SB-18	W971GG8SB25J	W971GG8SS-25
W971GG6SB-18	W971GG6SB25I	W971GG8SB18I	W971GG8SS-18	W971GG8SS25I
W971GG6SB18I	W971GG6SB25J	W971GG8SB-25	W971GG8SS18I	W971GG8SS25J
W971GG6SB18J	W971GG6SB-3	W971GG8SB25I		