



## Advanced Product / Process Change Notice

APCN No.: Z200-APCN-DM201401-01- Q

Date : March 17, 2014

<p><b>Change Title :</b> <u>8Mx16 SDR/DDR technology migration from 65 to 46nm</u></p> <p>Change Classification: <input checked="" type="checkbox"/> Major <input type="checkbox"/> Minor          Change item: <input checked="" type="checkbox"/> Design <input type="checkbox"/> Raw Material <input type="checkbox"/> Wafer FAB <input type="checkbox"/> Package Assembly <input type="checkbox"/> Testing <input type="checkbox"/> Others : _____</p>					
<p><b>Affected Product(s):</b> W9812G6JH, W9412G6JH</p>					
<p><b>Description of Change(s) :</b> Technology migration (65nm → 46nm) for 8Mx16 SDR/DDR.</p>					
<p><b>Reason for Change(s) :</b> According to Winbond product roadmap, launch new 8Mx16 SDR/DDR with 46nm technology.</p>					
<p><b>Impact of Change(s) : ( positive &amp; negative )</b>          Form: No Change          Fit: No Change          Function: No Concern          Reliability: On-going          Hazardous Substances: On-going</p>					
<p><b>Qualification Plan/ Results :</b> The qualification is in progress and expected come out in February /M /2014.</p>					
<p><b>Implementation Plan :</b>  <input type="checkbox"/> Date Code : _____ onward <input type="checkbox"/> Lot No.: _____ onward <input checked="" type="checkbox"/> Proposed first ship date: <u>Feb/28/2014 (schedule)</u></p> <p>The follow-up disposition of 65nm 8Mx16 SDR/DDR:          1) The date of Last-buy orders for the 65nm 8Mx16 SDR/DDR: May 30, 2014.          2) The last shipment date of the 65nm 8Mx16 SDR/DDR: August 29, 2014..</p>					
<b>Originator:(QA Sec. Manager)</b>	<i>YH Cheng</i>	<b>Responsible:(QA Manager)</b>	<i>Yu-Sung, Cheng</i>	<b>Approval:(QRA Director)</b>	<i>Yu-Sung, Cheng</i>
<b>Contact for Questions &amp; Concerns</b>		Name: <u>Hannah Cheng</u> TEL: <u>886-3-5678168</u> (ext.6553) FAX: <u>886-3-5796124</u> Address : <u># 539, Sec. 2, Wenxing Rd., Jhubei City, Hsinchu County 302, Taiwan</u> E-mail: <u>yhcheng2@winbond.com</u>			



**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.*

Approval       Disapproval       Conditional Approval : \_\_\_\_\_.

Date: \_\_\_\_\_

Dept. name: \_\_\_\_\_

Person in charge: \_\_\_\_\_.



Table 1 The part no comparison table

<b>Product</b>	<b>65nm Part No</b>	<b>46nm Part No</b>
8Mx16 SDR	W9812G6JH	W9812G6KH
8Mx16 DDR	W9412G6JH	W9412G6KH