



Advanced Product / Process Change Notice

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

Date : January 14, 2014

<p>Change Title : <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>Affected Product(s): W9812G6JH, W9412G6JH, W9812G6JB, W9412G6JB</p>					
<p>Description of Change(s) : Technology migration (65nm → 46nm) for 8Mx16 SDR/DDR.</p>					
<p>Reason for Change(s) : According to Winbond product loadmap, launch new 8Mx16 SDR/DDR with 46nm technology.</p>					
<p>Impact of Change(s) : (positive & negative) Form: No Change Fit: No Change Function: No Concern Reliability: On-going Hazardous Substances: On-going</p>					
<p>Qualification Plan/ Results : The qualification is in progress and expected come out in February /M /2014.</p>					
<p>Implementation Plan : <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>					
<p>Originator:(QA Sec. Manager)</p>	<p><i>YH Cheng</i></p>	<p>Responsible: (QA Dept. Manager)</p>	<p><i>YH Cheng</i></p>	<p>Approval:(QRA Director)</p>	<p><i>Yu-Sung, Cheng</i></p>
<p>Contact for Questions & Concerns</p>		<p>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></p>			



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

Product	65nm Part No	46nm Part No
8Mx16 SDR	W9812G6JH	W9812G6KH
8Mx16 SDR	W9812G6JB	W9812G6KB
8Mx16 DDR	W9412G6JH	W9412G6KH
8Mx16 DDR	W9412G6JB	W9412G6KB