



## Advanced Product / Process Change Notice

APCN No.: Z200-APCN-DM201406-01- Q

Date : July, 02, 2014

<p><b>Change Title :</b> <u>1Mx16 SDR technology migration from 90nm to 65 nm</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>            W9816G6IH , W9816G6IB (1Mx16 SDR with 90nm technology)</p>					
<p><b>Description of Change(s) :</b>            Technology migration (90nm → 65nm) for 1Mx16 SDR.</p>					
<p><b>Reason for Change(s) :</b>            According to Winbond product roadmap, launch new 1Mx16 SDR with 65nm technology.</p>					
<p><b>Impact of Change(s) : ( positive &amp; negative )</b>            Form: No Change            Fit: No Change            Function: No Concern (Compatible between 90nm and 65nm)            Reliability: On-going            Hazardous Substances: No Concern (Please refer to Attachment I)</p>					
<p><b>Qualification Plan/ Results :</b>            The qualification is in progress and expected come out in July /9 /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>July / 31 /2014 (schedule)</u> .            The follow-up disposition of 90 nm 1Mx16 SDR:            1) The date of Last-buy orders for the 90 nm 1Mx16 SDR: October, 31, 2014.            2) The last shipment date of the 90 nm 1Mx16 SDR: January, 31 , 2015.</p>					
<b>Originator:(QA Sec. Manager)</b>	<i>Ytt Cheng</i>	<b>Responsible: (QA Dept. Manager)</b>	<i>Ytt Cheng</i>	<b>Approval:(QRA Director)</b>	<i>Yu-Sung, Cheng</i>
<b>Contact for Questions &amp; Concerns</b>		Name: <u>Betty Huang</u> TEL: <u>886-3-5678168</u> (ext.86549) FAX: <u>886-3-5796124</u> Address : <u># 539, Sec. 2, Wenxing Rd., Jhubei City, Hsinchu County 302, Taiwan</u> E-mail: <u>Hyhuang8@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>90nm Part No</b>	<b>65nm Part No</b>
1Mx16 SDR TSOP50	W9816G6IH	W9816G6JH
1Mx16 SDR VFBGA60	W9816G6IB	W9816G6JB