



## Product / Process Change Notice

PCN No.: Z200-PCN-DM201401-01-C

Date : September 25, 2014

<p><b>Change Title :</b> <u>W25Q80DV "D-Series" (90nm) to replace W25Q80BV "B-Series" (90nm) 8Mb SpiFlash® Memories</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>          90nm 8Mb "B-Series" SpiFlash memories:          W25Q80BVSNIQ, W25Q80BVSSIG, W25Q80BVSIVIG, WQ25Q80BVZPIG, W25Q80BVDAIG</p>							
<p><b>Description of Change(s) :</b>          To provide function-compatible 8M devices offering improved performance, features and availability under same process technology generation.</p>							
<p><b>Reason for Change(s) :</b>          1) Improve Features and Performance (see below)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> <p><b>Features</b>            a) 104MHz Dual/Quad SPI clocks            b) Low power consumption: Active current from 4mA to 1mA            c) Fully backward compatible with W25Q80BV</p> </td> <td style="width: 50%; border: none;"> <p><b>Benefits</b>            &gt; Provides drop-in replacement capability for seamless transitions</p> </td> </tr> </table>						<p><b>Features</b>            a) 104MHz Dual/Quad SPI clocks            b) Low power consumption: Active current from 4mA to 1mA            c) Fully backward compatible with W25Q80BV</p>	<p><b>Benefits</b>            &gt; Provides drop-in replacement capability for seamless transitions</p>
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<p><b>Impact of Change(s) : ( positive &amp; negative )</b>          Form: No Change          Fit: No Change          Function: No system change          Reliability: No concern (please refer to Attachment I)          Hazardous Substances: No concern (please refer to Attachment II)</p>							
<p><b>Qualification Plan/ Results :</b>          Based on Winbond W25Q80DV Serial Flash Reliability report, the new product meets our criteria and no quality concern (refer to Attachment I in details)</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>Refer to Attachment III</u></p>							
<b>Originator:(QA Sec. Manager)</b>	<i>YH Cheng</i>	<b>Responsible: (QA Dept. Manager)</b>	<i>YH Cheng</i>	<b>Approval:(QRA Director)</b>	<i>Yu-Sung, Cheng</i>		
<b>Contact for Questions &amp; Concerns</b>		Name: <u>Betty Hyhuang</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 impact product list: Primary Winbond replacement part numbers for 90nm W25Q80 B-Series products are listed below. These devices offer the best future availability.

<b>Winbond Current PN (90nm B-Series)</b>	<b>Winbond Primary Replacement PN (90nm D-Series)</b>
W25Q80BVSSIG	W25Q80DVSSIG
W25Q80BVSNIG	W25Q80DVSNIG
W25Q80BVSVIG	W25Q80DVSVIG
W25Q80BVZPIG	W25Q80DVZPIG



**Winbond Electronics Corporation**

No.539, Sec.2 Wenxing Rd.  
Jhubei City, Hsinchu,  
Taiwan, R.O.C.

**Product Obsolescence Notice**

**W25Q80DV SpiFlash Memories**

Notification Date: September 23, 2014

Dear Valued Customer,

This letter is to notify you of Winbond’s intention to terminate production of the W25Q80BV SpiFlash memory. And replace it with the W25Q80DV. Replacement part numbers are listed below:

<b>Winbond Current PN (90nm B-Series)</b>	<b>Winbond Primary Replacement PN (90nm D-Series)</b>
W25Q80BVSSIG	W25Q80DVSSIG
W25Q80BVSNIG	W25Q80DVSNIG
W25Q80BVSVIG	W25Q80DVSVIG
W25Q80BVZPIG	W25Q80DVZPIG

The W25Q80DV device features:

**Features**

- a) 104MHz Dual/Quad SPI clocks
- b) Low power consumption: Active current from 4mA to 1mA
- c) Fully backward compatible with W25Q80BV

**Benefits**

- a) Provides drop-in replacement capability for seamless transitions

Please refer to the table below for your particular product last time order date and Winbond last shipment date and use this table to determine your last time buys and subsequent request dates. Winbond Electronics reserves the right to limit last time buy quantities based on capacity and material availability. Please notify Winbond as soon as possible if there are any concerns with these this schedule.

<b>90nm Part Number</b>	<b>Notification Date</b>	<b>90nm Last Order Date</b>	<b>90nm Last Ship Date</b>	<b>90nm Part Number</b>	<b>90nm Reliability Report</b>	<b>90nm Mass Production</b>
W25Q80BV	Jan./21/2014	Jul./20/2014	Jan./19/2015	W25Q80DV	Jan./10/2014	Jan./10/2014

Eddy Hung

Assistant Vice President of Flash Marketing