

Product / Process Change Notice

No.: <u>Z200-PCN-DM201608-01-A</u>

Date: 08/24/2016

Change Title : <u>W25Q32JV "J-Series" (58nm) to replace W25Q32FV "F-Series" (58nm) 32Mb SpiFlash®</u> Memories

Change Classification: ☑ Major □ Minor

Change item : ☑ Design Raw Material Wafer FAB Assembly Packing Testing Others

Affected Product(s) :

 $\label{eq:w25Q32FVSSIF} w25Q32FVSSIG w25Q32FVSSIP w25Q32FVSSIQ w25Q32FVSFIG w25Q32FVSFIG w25Q32FVSFIG w25Q32FVDAIQ w25Q32FVDAIQ w25Q32FVDAIQ w25Q32FVDAIG w25Q3FVDAIG w25Q3FVDAIG w25Q3FVDAIG w25Q3FVDAIG w25Q3FVDAIG w25Q3FVDAIG w25Q3FVDAIG w25Q3FVDAIG w25Q3FVDAIG w$

Description of Change(s)

The W25Q32JV 32Mb SpiFlash® Memories use Winbond's 58nm Flash technology. It is function-compatible with W25Q32FV 58nm devices offering improved performance, features and availability. (Please refer attachment I)

Reason for Change(s) :

Improve features and Command backward compatible with W25Q32FV.

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

Form : No Change

Fit: No Change

Function : No Concern (Please refer to attachment I)

Reliability : No Concern (Please refer to attachment II)

Hazardous Substances: No Concern (Please refer to attachment III)

Qualification Plan/ Results :

Based on Winbond W25Q32JV Serial Flash Reliability report, the new product meets our criteria and no quality concern. (refer to Attachment II in details)

Implementation Plan :

Please refer to Attachment IV for details.

□ Date Code: _____ onward □ Lot No: _____ onward ☑ Proposed first ship date: <u>Please refer to Attachment IV</u>

Originator: (QA)	Hybuang		Approval: (QA Dept. Manager)	y H Chang	Approval: (QRA Director)	Chon		
Contact for Questions & Concerns		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 :
Comment:		
Date:		_
Dept. name:		
Person in charge:		



Winbond Electronics Corporation

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Product Obsolescence Notice

W25Q32JV SpiFlash Memories

Notification Date: Aug, 11, 2016

Dear Valued Customer,

This letter is to notify you of Winbond's intention to terminate production of the W25Q32FV SpiFlash memory, and replace it with the W25Q32JV. Replacement part numbers are listed below:

Winbond Current PN	Winbond Primary Replacement PN		
(58nm F-Series)	(58nm J-Series)		
W25Q32FVSSIG			
W25Q32FVSSIQ	W25O22IVSSIO		
W25Q32FVSSIF	W25Q32JVSSIQ		
W25Q32JVSSIP			
W25Q32FVSFIG			
W25Q32FVSFIQ	W25Q32JVSFIQ		
W25Q32FVDAIG	W25O32JVDAIO		
W25Q32FVDAIQ	W25Q525VDAIQ		
W25Q32FVZPIG			
W25Q32FVZPIQ	W25Q32JVZPIQ		
w25Q52F v2F1Q			
W25Q32FVTBIG	W25O32JVTBIO		
W25Q32FVTCIG	W25Q32JVTCIQ		

The W25Q32JV device features:

Features

- a) Command backward compatible with W25Q32FV (same Superset Instruction Set)
- b) Clock operation up to 133MHz
- c) Lower power consumption
- d) SPI with Single / Dual / Quad
- e) Flexible architecture with 4KB sectors

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.

Part	Notification	Last Order	Last Ship	Part	Reliability	Mass
Number	Date	Date	Date	Number	Report	Production
W25Q32FV	Jul./21/ 2016	Jan./21/ 2017	Jul./21/ 2017	W25Q32JV	Aug./15/ 2016	Mar./24/ 2016



Eddy Hung

Eddy Hung Assistant Vice President of Flash Marketing