



Product / Process Change Notice

No.: Z200-PCN-DM201912-05-A

Date: December 20, 2019

Change Title : W25Q128JW “J-Series” (F58) to replace W25Q128FW “F-Series” (F58) 128Mb 1.8V SpiFlash® Memories

Change Classification: Major Minor with customer notification Minor without customer notification
Change item : Design Raw Material Wafer FAB Assembly Testing Packing Others

Affected Product(s) :

Please refer to Table 1 in details.

Description of Change(s)

The W25Q128JW 128Mb SpiFlash® Memories use Winbond’s F58 Flash technology. It is function-compatible with W25Q128FW F58 devices offering improved performance, features and availability.

- a) Command backward compatible with W25Q128FW (same Superset Instruction Set)
- b) Clock operation up to 133MHz
- c) Support DTR with Max. frequency up to 66MHz
- d) SPI with Single / Dual / Quad / QPI
- e) Flexible architecture with 4KB sectors
- f) Support low power consumption compared to W25Q128FW
- g) Support fast programming compared to W25Q128FW

Reason for Change(s) :

Improve features, cost, and keep command backward compatible with W25Q128FW (same Superset Instruction Set).

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

Form : Change No change except WLCSP package form. (Please refer to attachment I)

Fit : Change No change except WLCSP package form. (Please refer to attachment I)

Function : No Concern (Please refer to attachment II)

Reliability : No Concern (Please refer to attachment III)

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

Qualification Plan/ Results :

Based on Winbond W25Q128JW Serial Flash Reliability report, the new product meets our criteria and no quality concern(refer to Attachment III in details)



Implementation Plan :

Please refer to attachment V for details.

Date Code: _____ onward Lot No: _____ onward Proposed first ship date: Please refer to attachment V.

Originator: (QA)

Hyhuang

Approval: (QA Dept. Manager)

YH Cheng

Approval: (QRA Director)

Kevin Chen

Contact for Questions & Concerns

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E-mail: Hyhuang8@winbond.com

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.

Major change: Approval Disapproval Conditional Approval : _____.

Minor change with customer notification: Recognition

Minor change without customer notification: Approval Disapproval

Conditional Approval : _____

Comment:

Date: _____

Dept. name: _____

Person in charge: _____



Table 1. The affected part no are list below.

W25Q128FWBIG	W25Q128FWEIG	W25Q128FWFIQ	W25Q128FWPIQ	W25Q128FWSIQ
W25Q128FWBIQ	W25Q128FWEIQ	W25Q128FWPIF	W25Q128FWSIF	W25Q128FWYIC
W25Q128FWCIG	W25Q128FWFIG	W25Q128FWPIG	W25Q128FWSIG	