



Product / Process Change Notice

No.: Z200-PCN-DM202001-03-A

Date: January 17, 2020

Change Title : W25Q16JW “J-Series” (F58) to replace W25Q16FW “F-Series” (F58) 16Mb 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) :

W25Q16FWBYIG , W25Q16FWSNIG , W25Q16FWSNIQ , W25Q16FWSSIG , W25Q16FWSSIQ , W25Q16FWSVIQ ,
W25Q16FWUUIG , W25Q16FWUUIQ , W25Q16FWUXIE , W25Q16FWZPIQ

Description of Change(s)

The W25Q16JW 16Mb SpiFlash® Memories use Winbond’s F58 Flash technology. It is function-compatible with W25Q16FW F58 devices offering improved performance, features and availability.

- a) Command backward compatible with W25Q16FW (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 W25Q16FW
- g) Support fast programing compared to W25Q16FW

Reason for Change(s) :

Improve features, cost, and keep command backward compatible with W25Q16FW (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 W25Q16JW 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

Name: Betty Huang TEL: 886-3-5678168 (ext.76549) FAX: 886-3-5796124
Address : No. 8,Keya 1st Rd., Daya Dist., Central Taiwan Science Park, Taichung City 42881,Taiwan
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: _____



Winbond Electronics Corporation

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Product Obsolescence Notice

W25Q16JW SpiFlash Memories

Notification Date: Jan, 6, 2020

Dear Valued Customer,

This letter is to notify you of Winbond’s intention to terminate production of the W25Q16FW SpiFlash memory, and replace it with the W25Q16JW. Replacement part numbers are listed below:

| Winbond Current PN (58nm F-Series) | Winbond Primary Replacement PN (58nm J-Series) |
|---|---|
| W25Q16FWBYIG | W25Q16JWBYIQ W25Q16JWBYIM |
| W25Q16FWSSIG W25Q16FWSSIQ | W25Q16JWSSIQ W25Q16JWSSIM |
| W25Q16FWSNIG W25Q16FWSNIQ | W25Q16JWSNIQ W25Q16JWSNIM |
| W25Q16FWZPIG W25Q16FWZPIQ | W25Q16JWZPIQ W25Q16JWZPIM |
| W25Q16FWUUIG W25Q16FWUUIQ | W25Q16JWUUIQ W25Q16JWUUIM |
| W25Q16FWUXIE | W25Q16JWXHIQ W25Q16JWXHIM |
| W25Q16FWSVIQ | W25Q16JWSVIQ |

\For WLCSP, please contact our sales to get the different POD Dimension.

The W25Q16JW device features:

Features

- a) Command backward compatible with W25Q16FW (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 W25Q16FW
- g) Support fast programming compared to W25Q16FW

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 Number | Notification Date | Last Order Date | Last Ship Date | Part Number | Reliability Report | Mass Production |
|--------------------|--------------------------|------------------------|-----------------------|--------------------|---------------------------|------------------------|
| W25Q16FW | Feb./01/ 2020 | Aug./01/ 2020 | Feb./01/ 2021 | W25Q16JW | ready | Nov./01/ 2019 |

Jooweon Park
Technology Executive
Flash Product Marketing Center