Product / Process Change Notice

No.: Z200-PCN-DM202001-01-A   Date: January 07, 2020

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*Change Title : **W74M12JV 3.3V Authentication Flash to replace W74M12FV 3.3V Authentication Flash Memories***

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

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Affected Product(s) :

W74M12FVSSIQ , W74M12FVZPIQ

Description of Change(s)

W74M12JV 3.3V Authentication Flash Memories is using Winbond 58nm Flash technology, It is function-compatible with W74M12FV 3.3V Authentication devices and offering improved performance, features and availability.

1. Individual Block/Sector array protection.

2. Special OTP protection. (Please refer the W74M12JV Authentication datasheet)

Reason for Change(s) :

1. W74M12FV Authentication EOL. (Please refer to attachment IV for details)

2. New generation features improvement and Command backward compatible. (Please refer to attachment I comparison table)

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 W74M 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: Please refer to attachment IV.

Originator: (QA)	Hyhuang	*Approval: (QA Dept. Manager)*	YH Cheng	*Approval: (QRA Director)*	Gevon Chen

Table No.: 1110-0001-08-A

Contact for Questions & Concerns	Name: <u>Betty Huang</u> TEL:<u>886-3-5678168</u> (ext.76549) FAX: <u>886-3-5796124</u> Address : <u>No. 8,Keya 1st Rd., Daya Dist., Central Taiwan Science Park, Taichung City 42881,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.*

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 No.: 1110-0001-08-A

Winbond Electronics Corporation
6F., No.38, Gaotie 1st Rd., Jhubei City,
Hsinchu County 30273, Taiwan R.O.C.

Product Obsolescence Notice

W74M12FV 3.3V Authentication Memories

Notification Date: January 06, 2020

Dear Valued Customer,

This letter is to notify you of Winbond's intention to terminate production of the W74M12FV 3.3V Authentication memory, and replace it with the W74M12JV 3.3V Authentication Flash. Replacement part numbers are listed below:

Winbond Current PN (58nm F-Series)	Winbond Primary Replacement PN (58nm J-Series)
W74M12FVSSIQ	W74M12JVSSIQ
W74M12FVZPIQ	W74M12JVZPIQ

The W74M12JV 3.3V Authentication device features:

Features

    a) Command backward compatible with W74M12FV 3.3V Authentication Flash
    b) Clock operation up to 104MHz, SPI with Single / Dual / Quad / QPI
    c) Individual Block/Sector array protection

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
W74M12FV	Jan./06/ 2020	Jul./06/ 2020	Jan./06/ 2021	W74M12JV	Sep./20 2019	Oct./30/ 2019

Jooweon (JW) Park

Technology Executive of Flash Marketing

Table No. : 1260-0009-02-A