



PRODUCT CHANGE NOTIFICATION

P-1903-0003

Title: Product Change Notice for Discontinuance of 44-SOP package parallel NOR products

Notification Number: P-1903-0003

Notification Date: March 15, 2019

Change Type: Discontinuance

1. Change Identification

Product Identification	MX29F400CB;MX29LV400CB;MX29LV400CT;MX29LV800CB;MX29LV800CT
Reason of Change	Discontinuance of products, due to termination of packaging process from third party supplier (OSE)

2. Implementation Schedule

2-a. Affected Product Schedule

Last Order Date	June 30, 2019
Last Shipment Date	June 30, 2020

2-b. Replacement Product Schedule

Sample Availability	NA
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3. List of Product Affected

Affected Part Number		Recommended Part Number
MX29F400CBMI-90G	➔	NA
MX29LV400CBMC-55Q	➔	NA
MX29LV400CBMI-70G	➔	NA
MX29LV400CTMI-70G	➔	NA
MX29LV800CBMC-70G	➔	NA
MX29LV800CTMI-55Q	➔	NA

Should you have any questions or specific requirement for the extension of product supports, please contact your local Macronix sales representative within 30 days. For other information or specification of succeeding products, please contact your local Macronix sales representative or visit Macronix's Web site at <http://www.macronix.com>.



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4. Supplementary

Additional Comments	Please contact Macronix immediately for the quantity needed in the future. We will do our best to support your requirement.
Reference Documents	PCN from Orient Semiconductor Electronics for process termination (See addendum below)



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Process Change Notification

PCN Number : 190033
PCIN Number :

QAF-H00M Rev.:11
Date : 01/16/2019 SPEC. NO.:00-Q-0013

Customer :	MXIC
Package types affected :	32L PLCC 16L SOP 300mil 44L SOP 500mil 70L SOP 500mil 8L TSSOP 173mil (140ea/strip)
Process step affected :	ALL
Manufacturing site affected :	OSE in Kaohusiung, Taiwan
<input checked="" type="radio"/> LF <input type="radio"/> Test <input type="radio"/> FMC Test <input type="radio"/> CSP/PBGA <input type="radio"/> FMC	
Change type :	<input checked="" type="radio"/> Major <input type="radio"/> Minor
Proposed change :	<input type="checkbox"/> Method change <input checked="" type="checkbox"/> Others MDS / ICP report NA Qualification plan / Reliability data / Evaluation result NA
Reason for change :	<p>In year 2019, OSE is moving into the FCBGA line. Due to the production space limitation, consider the following reasons, OSE has to give up some of the LF packages in order to leave out the floor space needed and they are as following.</p> <ol style="list-style-type: none"> 1. Legacy packages that have been production for ages and are having difficulty to maintain the production smoothly as well as in good quality level. 2. Packages are in the ancient design where OSE are no longer having the cost competitiveness and the market demand are not enough to justify on the new matrix tooling investment . 3. Production volume are not enough to maintain the production in reasonable OSE. <p>Given the reasons above, OSE has decided to EOL the listed packages. For the single source packages, OSE will support customer's product transition to other service sites and also the last buy until June 30, 2019.</p> <p>OSE will continue support customers on our selected packages. We will continue production and will be more focus. Besides if there is any new opportunities that OSE can support especially</p>

on the new developing FCBGA and QFN, we definitely will support.

Estimated time of implementation :

06/30/2019

Update FMEA Update Control Plan

Note : tick if applicable · if non-applicable keep blank

Initiator : Angie Liang **Approved By :** Mars Chang

OSE MFG Senior Manager : Jones Cheng **Date :** 01/16/2019

OSE PE Senior Manager : Chad Lu **Date :** 01/16/2019

OSE QA Senior Manager : Bill Ji **Date :** 01/17/2019

Customer Approval : **Date :**

Notes :

1. For our reference and filing, please send the PCN back to OSE by fax or send us an e-mail once you approved it.
2. The PCN shall be responded with your comments within 14 working days starting from the date of issue. Otherwise, OSE will regard you have accepted OSE's recommendation in this PCN. Your cooperation will be always appreciated.