



PRODUCT AND PROCESS CHANGE NOTIFICATION UPDATE

Generic Copy

This notice is NXP Confidential Proprietary and is only intended for the customer listed on this notification.

ISSUE DATE: 12-May-2016
NOTIFICATION: 17011A
TITLE: TRAY DESIGN CHANGE FOR MAPBGA 5*5*1.2 P.5 PACKAGE WITH
 MINIMUM PACKAGING QUANTITY FROM 490 TO 640
EFFECTIVE DATE: 21-Jul-2016

DEVICE(S)

MPN
MK10DN128VMP5
MK10DN32VMP5
MK10DN64VMP5
MK10DX128VMP5
MK10DX32VMP5
MK10DX64VMP5
MK20DN128VMP5
MK20DN32VMP5
MK20DN64VMP5
MK20DX128VMP5
MK20DX32VMP5
MK20DX64VMP5
MK22FN128VMP10
MK22FN256VMP12
MK22FN512VMP12
MKL16Z256VMP4
MKL17Z128VMP4
MKL17Z256VMP4
MKL26Z256VMP4
MKL27Z128VMP4
MKL27Z256VMP4
MKL33Z128VMP4
MKL33Z256VMP4
MKL36Z256VMP4
MKL43Z128VMP4

MKL43Z256VMP4

MKL46Z256VMP4

This notice is NXP Confidential Proprietary and is only intended for the customer listed on this notification.

AFFECTED CHANGE CATEGORIES

- PACKAGE CHANGE

DESCRIPTION OF CHANGE

Update to add Minimum Packaging Quantity(MPQ) from 490 to 640 for change of PCN17011 and no other difference from PCN17011.

NXP has qualified a new shipment tray design for MAPBGA 5*5*1.2 P.5 package. Minimum Packaging Quantity(MPQ) will change from 490 to 640.

REASON FOR CHANGE

Shipment tray standardization.

ANTICIPATED IMPACT OF PRODUCT CHANGE(FORM, FIT, FUNCTION, OR RELIABILITY)

Critical Dimension Changes :

The changes of the tray design may have an impact on some customers pick and place machine as originally communicated in PCN 17011.

Dimension	current	new	Comment
Pocket matrix(Quantity)	490	640	Change
Top pocket opening	5.18mm	5.22mm	Change
Bottom pocket opening	5.20mm	5.25mm	Change
Top pocket depth	1.70mm	2.15mm	Change
Bottom pocket depth	1.70mm	1.65mm	Change

According to JEDEC Standard JESD46, lack of acknowledgement of this PCN within 30 days will be considered acceptance of change. To request further data or inquire about the notification, please enter a [Support Case](#). **Be aware that after you select this link to enter your request, you must choose the topic "Product Change Notification" once on the Salesforce page.**

For sample inquiries - please go to www.nxp.com

RELATED NOTIFICATION(S):

17011- Tray Design Change for MAPBGA 5*5*1.2 P.5 Package With 00BE Package Code

TO VIEW the GENERIC copy, click on the notification number above.

QUAL DATA AVAILABILITY DATE: 20-Nov-2015

QUALIFICATION STATUS: COMPLETED

QUALIFICATION PLAN:

See attached report.

RELIABILITY DATA SUMMARY:

The new tray design passed all the qualification requirements. Details see attached report.

ELECTRICAL CHARACTERISTIC SUMMARY:

No impact.

CHANGED PART IDENTIFICATION:

The new tray is marked as "PEAK" on one end of the tray and "TH BG0505 1.2 1640 6" on the other end. The previous tray is marked as "DAEWON" on one end of the tray and "IP1-0505-D19" on the other end.

NXP can provide tray samples per customer's request.

SAMPLE AVAILABILITY DATE: 22-Jan-2016

ATTACHMENT(S):

External attachment(s) FOR this notification can be viewed AT:

[17011A_BGA5_NXP_update.pdf](#)
