



PRODUCT AND PROCESS CHANGE NOTIFICATION

Generic Copy

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ISSUE DATE: 31-Aug-2015
NOTIFICATION: 16886
TITLE: Vybrid MAPBGA Assembly Expansion Site (Tianjin External Manufacturing)
EFFECTIVE DATE: 29-Nov-2015

DEVICE(S)

MPN
MVF50NN151CMK40
MVF50NN151CMK50
MVF50NS151CMK40
MVF50NS151CMK50
MVF51NN151CMK50
MVF51NS151CMK50
MVF60NN151CMK40
MVF60NN151CMK50
MVF60NS151CMK40
MVF60NS151CMK50
MVF61NN151CMK50
MVF61NS151CMK50
MVF62NN151CMK40
SVF511R3K1CMK4
SVF512R3K1CMK4
SVF521R3K1CMK4
SVF522R2K1CMK4
SVF522R3K1CMK4
SVF531R3K1CMK4
SVF532R2K1CMK4
SVF532R2K1CMK4R
SVF532R3K1CMK4

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AFFECTED CHANGE CATEGORIES

- ASSEMBLY SITE

DESCRIPTION OF CHANGE

The Vybrid MAPBGA package will have a second assembly process source which will use the same BOM from current assembly site. The second site is Freescale's internal site (Tianjin Final Manufacturing)

REASON FOR CHANGE

Adding second assembly site to meet customer commitments.

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

The second assembly site will use the same BOM as the original assembly site. No impact to Fit, Form or Function to the device.

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 [Service Request](#).

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

QUAL DATA AVAILABILITY DATE: 30-Sep-2015

QUALIFICATION STATUS: COMPLETED

QUALIFICATION PLAN:

Please see attachment

RELIABILITY DATA SUMMARY:

Please see attachment

ELECTRICAL CHARACTERISTIC SUMMARY:

Please see attachment

CHANGED PART IDENTIFICATION:

The trace code marked on the device will identify the assembly site location for each part.

Example of current trace code marking

PTXCTAA1522A where the code to identify the assembly site (X) will change to (CT), the expansion assembly site. The remaining characters will remain as per the internal spec where we use a test facility code, wafer lot code, date code and sub assembly lot code.

Example of expansion trace code marking

PTCTCTAA1522A

SAMPLE AVAILABILITY DATE: 28-Aug-2015

ATTACHMENT(S):

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

[16886_14Aug2015_Vybrid_Assembly_Site_Expansion_TJN_Qual_Report.pdf](http://cache.freescale.com/files/shared/doc/pcn/PCN16886.htm)
