



PRODUCT AND PROCESS CHANGE NOTIFICATION

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ISSUE DATE: 08-Oct-2015
NOTIFICATION: 16819
TITLE: IMX6DQ AUTO 2ND SOURCE ASSEMBLY KLM
EFFECTIVE DATE: 05-Apr-2016

DEVICE(S)

MPN
MCIMX6D4AVT08AC
MCIMX6D4AVT08ACR
MCIMX6D4AVT08AD
MCIMX6D4AVT08ADR
MCIMX6D4AVT10AC
MCIMX6D4AVT10ACR
MCIMX6D4AVT10AD
MCIMX6D4AVT10ADR
MCIMX6D6AVT08AC
MCIMX6D6AVT08ACR
MCIMX6D6AVT08AD
MCIMX6D6AVT08ADR
MCIMX6D6AVT10AC
MCIMX6D6AVT10ACR
MCIMX6D6AVT10AD
MCIMX6D6AVT10ADR
MCIMX6Q4AVT08AC
MCIMX6Q4AVT08ACR
MCIMX6Q4AVT08AD
MCIMX6Q4AVT08ADR
MCIMX6Q4AVT10AC
MCIMX6Q4AVT10ACR
MCIMX6Q4AVT10AD
MCIMX6Q4AVT10ADR
MCIMX6Q6AVT08AC
MCIMX6Q6AVT08ACR
MCIMX6Q6AVT08AD
MCIMX6Q6AVT08ADR
MCIMX6Q6AVT10AC
MCIMX6Q6AVT10ACR
MCIMX6Q6AVT10AD
MCIMX6Q6AVT10ADR

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AFFECTED CHANGE CATEGORIES

- ASSEMBLY SITE

DESCRIPTION OF CHANGE

Freescale is adding a second source internal assembly site, "KLM" (Kuala Lumpur Malaysia), for the i.MX 6Dual/6Quad 21x21PBGA device, to assure flexible manufacturing capacity and continuity of supply. The current assembly site is Amkor Korea (AK4). Supply will include product from both assembly sites.

Samples will be available immediately. Please provide sample requirements through your normal ordering channel. Sample parts can be ordered with the following part number:

PCIMX6Q6AVT10AC

Key Dates and Timing:

Estimated Milestones	Target Date	Comments
Planned Implementation	See 'Effective Date' on PCN	
Qualified Samples Available	See 'Sample Availability Date' on PCN	
Backlog Conversion	NA	
Deliveries	Contact Customer Service for lead time.	
General Market PPAP Available	1-Nov-15	
If applicable, include Impact to supply if change is not qualified	If customer is unable to approve, supply cannot be assured.	

REASON FOR CHANGE

Adding KLM as a 2nd assembly site to maintain continuity of supply.

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

No impact to form, fit, function, or reliability.

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: 18-Jun-2014

QUALIFICATION STATUS: COMPLETED

QUALIFICATION PLAN:

See attached qualification report.

RELIABILITY DATA SUMMARY:

See attached qualification report. No issues were found with the reliability or quality of the assembly process at the new site.

ELECTRICAL CHARACTERISTIC SUMMARY:

No Change.

CHANGED PART IDENTIFICATION:

Parts assembled at KLM will be identified by the first two characters in the trace code.

Amkor trace code: SB

KLM trace code: Q

The country code on the bottom line will also read MSIA for devices manufactured in this new assembly site.

ATTACHMENT(S):

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

[16819_18Jun2015_AEC_KLM_Qual_Report.pdf](#)

[16819_Electrical_Distribution_Matrix_for_i_MX6DQ_at_KLM.pdf](#)

[16819_Delta_Qualification_Matrix_for_i_MX6DQ_at_KLM.pdf](#)

[16819_CofDC_Comparison_Table_for_i_MX6DQ_KLM_Assembly.pdf](#)
