

NXP Semiconductors

PRODUCT AND PROCESS CHANGE NOTIFICATION
Customer Copy

ISSUE DATE: 07-Jan-2016
ATTN: DIGI-KEY CORPORATION
NOTIFICATION: 17012
TITLE: MK80/81/82FN256 LQFP100 14X14 Assembly Site Expand to Nantong Fujitsu Microelectronics Co. Ltd
EFFECTIVE DATE: 06-Apr-2016
SALES CONTACT: Scott Johnson
Email Address: B37427@freescale.com
Phone Number: 512-660-8291

CUSTOMER(S)

DIGI-KEY CORP.
(DIGIK)
701 BROOKS AV SOUTH

THIEF RIVER FALLS MN
56701 USA

DEVICE(S)

CPN	MPN
MK82FN256VLL15	MK82FN256VLL15
MK80FN256VLL15	MK80FN256VLL15
MK81FN256VLL15	MK81FN256VLL15

CUSTOMER(S)

DIGI-KEY CORPORATION
(RSGJF)
701 BROOKS AV SOUTH

THIEF RIVER FLS MN
56701 USA

DEVICE(S)

CPN	MPN
MK80FN256VLL15	MK80FN256VLL15
MK81FN256VLL15	MK81FN256VLL15
MK82FN256VLL15	MK82FN256VLL15

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

AFFECTED CHANGE CATEGORIES

- ASSEMBLY SITE

DESCRIPTION OF CHANGE

NXP Semiconductor is announcing the assembly site expansion for the MK80/81/82FN256 LQFP100 14X14 from the current NXP KLM assembly, Kuala Lumpur, Malaysia(FSL-KLM-FM) Facility to NANTONG FUJITSU MICROELECTRONICS CO.LTD, Nantong, China (NFME) Facility.

REASON FOR CHANGE

Qualification of the NANTONG FUJITSU MICROELECTRONICS CO.LTD, Nantong, China (NFME) assembly Facility to ensure manufacturing flexibility and customer supply assurance.

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

There is no impact to device 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 **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

QUAL DATA AVAILABILITY DATE: 18-Nov-2015

QUALIFICATION STATUS: COMPLETED

QUALIFICATION PLAN:

NXP Semiconductor Manufacturing standard specification for assembly transfers was followed for the Assembly Transfer.

RELIABILITY DATA SUMMARY:

See Attached Report.

ELECTRICAL CHARACTERISTIC SUMMARY:

No change was made to the operating performance of the device.

CHANGED PART IDENTIFICATION:

There is no change to orderable part number

The assembly site, among other information, is reflected in the package trace code.

The format for the NXP standard trace code: AWLYYWWZ is the following:

A=Assembly Site, WL=Wafer Lot, YY=Year, WW=Work Week, Z=Z CODE.

The current assembly site marking for 14x14 LQFP at FSL-KLM-FM is A=Q.

The marking for proposed assembly NFME is A=XN.

NXP Part Number	Sample Part Number
MK81FN256VLL15	PK81FN256CLL15

SAMPLE AVAILABILITY DATE: 18-Nov-2015

ATTACHMENT(S):

External attachment(s) FOR this notification can be viewed AT:
17012_K80_LQFP_NFME_qual_report_official.pdf
