



Final Product Change Notification

201801003F01

Issue Date: 28-Jan-2018

Effective Date: 28-Apr-2018

Here's your personalized quality information concerning products Digi-Key purchased from NXP. For detailed information we invite you to view this notification online



QUALITY

Change Category

☐ Wafer Fab Process

☐ Assembly Process

☐ Product Marking

☐ Test Location

☐ Design

☐ Wafer Fab Materials

☐ Assembly Materials

☐ Mechanical Specification

☐ Test Process

☐ Errata

☐ Wafer Fab Location

☒ Assembly Location

☐ Packing/Shipping/Labeling Equipment

☐ Test

☐ Electrical spec./Test coverage

90nm Technology
LQFP64/48/32 Assembly
Site Expansion to TongFu
Microelectronics Co. LTD

Details of this Change

NXP Semiconductors is announcing the assembly site expansion for the 90nm technology LQFP64/48/32 packages from current NXP assembly, Tian Jin, China (ATTJ) Assembly Facility to the TongFu Microelectronics Co. LTD, Nantong, China (TFME) Facility.

Why do we Implement this Change

Qualification of the TongFu Microelectronics Co. LTD, Nantong, China (TFME) Assembly Facility is to ensure manufacturing flexibility and customer supply assurance.

Identification of Affected Products

Top side marking

Refer to Remarks section for details.

Product Availability

Sample Information

Samples are available upon request

Production

Planned first shipment 17-Apr-2018

Impact

There is no change to product fit, function, or reliability. For form, refer to visual comparison document attached.

Disposition of Old Products

NXP will reserve the right to ship from any location based on market demand situation.

Timing and Logistics

Your acknowledgement of this change, conform JEDEC JESD46 D, is expected till 27-Feb-2018.

Remarks

The assembly site is reflected in the package trace code.

The format for the NXP standard trace code:

LQFP64: AWLYYWWZ or ATWLYYWWZ or ATWLYWWZ

LQFP48: AWLYYWWZ

LQFP32: AWLYYWWZ

A=Assembly Location, T=Test Location, WL=Wafer Lot, YYWW=Date Code, Z =Assembly Lot Split,

The marking for NXP-ATTJ is A=CT.

The marking for TFME is A=XN.

Contact and Support

For all inquiries regarding the ePCN tool application or access issues, please contact NXP "Global Quality Support Team".

For all Quality Notification content inquiries, please contact your local NXP Sales Support team.

For specific questions on this notice or the products affected please contact our specialist directly:

Name Kan Liu

Position Product Engineer

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At NXP Semiconductors we are constantly striving to improve our product and processes to ensure they reach the highest possible Quality Standards.

Customer Focus, Passion to Win.

NXP Quality Management Team.

About NXP Semiconductors

NXP Semiconductors N.V. (NASDAQ: NXPI) provides High Performance Mixed Signal and Standard Product solutions that leverage its leading RF, Analog, Power Management, Interface, Security and Digital Processing expertise. These innovations are used in a wide range of automotive, identification, wireless infrastructure, lighting, industrial, mobile, consumer and computing applications.

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NXP Semiconductors

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Affected Part Numbers

MCF51JF128VLH	MK10DX32VLH5	MK10DN128VLH5
MK20DX128VLF5	MK12DX256VLH5	MK10DN64VLH5
MC56F82746VLF	MK22DX128VLF5	MK12DX128VLF5
MC56F82743VLC	MKL05Z32VLF4	MK20DN128VLH5
MKV10Z32VLF7	MKL04Z32VLF4	MK10DX128VLF5
MKL04Z32VLC4	MKV42F128VLH16	MK12DX256VLF5
MKL04Z8VLC4	MKV10Z64VLF7	MKL04Z16VLF4
MKV46F256VLH16	MKV11Z128VLF7	MK20DX128VLH5
MK02FN128VLF10	MKV44F64VLH16	MK10DX64VLH5
MK10DN32VLF5	MK10DX128VLH5	MKV42F64VLH16
MK22DX256VLH5	MK10DN64VLF5	MCF51JU128VLH
MK02FN64VLF10	MK22DX128VLH5	MK22DX256VLF5
MKL05Z32VLC4	MK12DX128VLH5	MKV30F128VLF10P