



Final Product Change Notification

201710041F01

Issue Date: 17-Nov-2017

Effective Date: 15-Feb-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

0.25um Technology
10x10LQFP Assembly Site
Expansion to TongFu
Microelectronics Co. LTD

Details of this Change

NXP Semiconductors is announcing the assembly site expansion for 0.25um technology 10x10LQFP 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 ensures manufacturing flexibility and customer supply assurance.

Identification of Affected Products

Refer to Remarks section for details.

Product Availability

Sample Information

Samples are available upon request

Production

Planned first shipment 15-Feb-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 17-Dec-2017.

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
LQFP44: AWLYYWWZ
A=Assembly Location, T=Test Location, WL=Wafer Lot, YYWW=Date Code.
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
e-mail address kan.liu@nxp.com

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
High Tech Campus, 5656 AG Eindhoven, The Netherlands

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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Name	Status	Product Line
MCF51CN128CLH	935310095557	MCF51CN128CLH	LASKO 64LQFP	QFP64	RFS	BL Microcontrollers
MC56F8245VLD	935323371557	MC56F8245VLD	DSC 44 LQFP 48K FLASH	LQFP44	RFS	BL Microcontrollers
MC56F8257VLH	935314406557	MC56F8257VLH	DSC 64 LQFP 64K FLASH	QFP64	RFS	BL Microcontrollers
MC56F8257MLH	935314294557	MC56F8257MLH	DSC 64 LQFP 64K FLASH	QFP64	RFS	BL Microcontrollers
MC56F8255VLD	935321557557	MC56F8255VLD	DSC 44 LQFP 64K FLASH	LQFP44	RFS	BL Microcontrollers
MC9S08LC36LH	935322629557	MC9S08LC36LH	8 BIT, 36K FLASH-LOW VOL	QFP64	RFS	BL Microcontrollers
MC9S08QE128CLD	935319391557	MC9S08QE128CLD	128K FLASH	LQFP44	RFS	BL Microcontrollers