



Final Product Change Notification

201803002F01

Issue Date: 05-Apr-2018

Effective Date: 04-Jul-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

Management Summary

NXP Semiconductors announces the assembly site expansion for the 0.5SGF technology SOIC16 W package from current NXP Tianjin, China (ATTJ) Assembly Facility to ASE-CL, Chung Li, Taiwan

Change Category

<input type="checkbox"/> Wafer Fab Process	<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Product Marking	<input type="checkbox"/> Test Location	<input type="checkbox"/> Design
<input type="checkbox"/> Wafer Fab Materials	<input checked="" type="checkbox"/> Assembly Materials	<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Test Process	<input type="checkbox"/> Errata
<input type="checkbox"/> Wafer Fab Location	<input checked="" type="checkbox"/> Assembly Location	<input type="checkbox"/> Packing/Shipping/Labeling	<input type="checkbox"/> Test Equipment	<input type="checkbox"/> Electrical spec./Test coverage

Assembly Site
Expansion for 0.5um
SGF in SOIC16 W
Package

Details of this Change

NXP Semiconductors is announcing the assembly site expansion for the 0.5SGF technology SOIC16 W package from current NXP assembly, Tianjin, China (ATTJ) Assembly Facility to the ASE-CL, Chung Li, Taiwan assembly facility.

Why do we Implement this Change

Qualification of ASE-CL ensures 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 04-Jul-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 both locations based on market demand situation.

Timing and Logistics

Your acknowledgement of this change, conform JEDEC JESD46 D, is expected till 05-May-2018.

Remarks

The assembly site is reflected in the package trace code.

The format for the NXP standard trace code:

SOIC16: AWLYYYWWZ or ATWLYYYWWZ

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 ASE is A=X.

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 Dongmei Wang

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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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Name	Status	Product Line
MCHC908QY4CDWE	935319032574	MCHC908QY4CDWE	4K FLASH W/ADC	SO16	RFS	BL Microcontrollers
MCHC908QY2CDWE	935319031574	MCHC908QY2CDWE	1.5K FLASH W/ADC	SO16	RFS	BL Microcontrollers
MC908QY4ACDWE	935313544574	MC908QY4ACDWE	CI 908QY4A SOG	SO16	RFS	BL Microcontrollers
MCHC908QY1CDWE	935319123574	MCHC908QY1CDWE	1.5K FLASH W/O ADC	SO16	RFS	BL Microcontrollers