



PRODUCT AND PROCESS CHANGE NOTIFICATION

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ISSUE DATE: 11-Sep-2014
NOTIFICATION: 16428
TITLE: 908AP64(A)(N17K) CHD FAB EXPANSION FROM TSMC TO FSL-CHD-FAB
EFFECTIVE DATE: 10-Dec-2014

DEVICE(S)

MPN
MC908AP16ACFAE
MC908AP16ACFBE
MC908AP16ACFBER
MC908AP16CFAE
MC908AP16CFBE
MC908AP16CFBER
MC908AP32ACFAE
MC908AP32ACFBE
MC908AP32ACFBER
MC908AP32CFAE
MC908AP32CFAER
MC908AP32CFBE
MC908AP32CFBER
MC908AP48CFBE
MC908AP48CFBER
MC908AP64ACFAE
MC908AP64ACFBE
MC908AP64ACFBER
MC908AP64CFAE
MC908AP64CFAER
MC908AP64CFBE
MC908AP64CFBER
MC908AP8ACFBE
MC908AP8CFAE

MC908AP8CFBE

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AFFECTED CHANGE CATEGORIES

- FAB SITE

DESCRIPTION OF CHANGE

Freescale is pleased to announce 908AP64 (2N17K) and 908AP64A (3N17K) qualification at the Freescale USA CHANDLER Fab. The 908AP64 (0M25D) and 908AP64A (1M25D) are currently being manufactured in the TAIWAN TSMC3 Fab.

This expansion allows the listed products to be manufactured in both the Freescale USA CHANDLER Fab and the TAIWAN TSMC3 Fab. Customers, in the future, may receive product from either the Freescale USA CHANDLER Fab or the TAIWAN TSMC3 Fab.

REASON FOR CHANGE

The Fab manufacturing site capacity expansion to Freescale USA CHANDLER Fab, will improve Freescale ability to meet customer demand.

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

There is no impact on 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 [Service Request](#).

For sample inquiries - please go to www.freescale.com

QUAL DATA AVAILABILITY DATE: 01-Oct-2014

QUALIFICATION STATUS: IN PROCESS

QUALIFICATION PLAN:

Freescale Semiconductor Transfer of Qualified Processes specification for Fab transfers was followed.

RELIABILITY DATA SUMMARY:

Will provide per request.

ELECTRICAL CHARACTERISTIC SUMMARY:

No change was made to the operating performance of the device. Electrical characterization of the device will provide per request.

CHANGED PART IDENTIFICATION:

The Fab site, among other information, is reflected in the Moo number.

The Moo number for current Fab site TAIWAN TSMC3 is 0M25D (908AP64), 1M25D (908AP64A).

The Moo number for proposed Fab USA CHANDLER is 2N17K (908AP64), 3N17K (908AP64A).

The CHD sample part name is PC908AP64CFAE (LQFP48 7x7, 2N17K), PC908AP64ACFAE (LQFP48 7x7, 3N17K) & PC908AP64ACFBE (QFP44 10x10, 3N17K)

ATTACHMENT(S):

N/A
