



## PRODUCT AND PROCESS CHANGE NOTIFICATION UPDATE

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**ISSUE DATE:** 26-Feb-2010  
**NOTIFICATION:** 13675A  
**TITLE:** FREESCALE 150MM SENDAI FAB CLOSURE - 60% IDRNVN TO CHD PRODUCT TRANSFER NOTIFICATION  
**EFFECTIVE DATE:** 15-Mar-2011

### DEVICE(S)

MPN	REPLACEMENT MPN	REPLACEMENT TYPE	REPLACEMENT REASON
MC11E1CPBE2	MC11E1CPBE2 Replaced BY HC11E-FAMILY	Different Form, Fit & Function, Not Pin-for-Pin Equivalent	New Product Qualification
MC11E1CPBE2R	MC11E1CPBE2R Replaced BY HC11E-FAMILY	Different Form, Fit & Function, Not Pin-for-Pin Equivalent	New Product Qualification
MC68711E20CFNE2			
MC68711E20CFNE3			
MC68711E20CFNE4			
MC68711E20CFUE3			
MC68711E20CFUE4			
MC68711E20MFNE2			
MC68711E20VFNE2			
MC68HC11E0CFNE2	MC68HC11E0CFNE2 Replaced BY HC11E-FAMILY	Different Form, Fit & Function, Not Pin-for-Pin Equivalent	New Product Qualification
MC68HC11E0CFNE2R	MC68HC11E0CFNE2R Replaced BY HC11E-FAMILY	Different Form, Fit & Function, Not Pin-for-Pin Equivalent	New Product Qualification
MC68HC11E0CFNE3	MC68HC11E0CFNE3 Replaced BY HC11E-FAMILY	Different Form, Fit & Function, Not Pin-for-Pin Equivalent	New Product Qualification
MC68HC11E0CFNE3R	MC68HC11E0CFNE3R Replaced BY HC11E-FAMILY	Different Form, Fit & Function, Not Pin-for-Pin Equivalent	New Product Qualification

MC68HC11E0MFNE2	MC68HC11E0MFNE2 Replaced BY HC11E- FAMILY	Different Form, Fit & Function, Not Pin- for-Pin Equivalent	New Product Qualification
MC68HC11E1CFNE2	MC68HC11E1CFNE2 Replaced BY HC11E- FAMILY	Different Form, Fit & Function, Not Pin- for-Pin Equivalent	New Product Qualification
MC68HC11E1CFNE2R	MC68HC11E1CFNE2R Replaced BY HC11E- FAMILY	Different Form, Fit & Function, Not Pin- for-Pin Equivalent	New Product Qualification
MC68HC11E1CFNE3	MC68HC11E1CFNE3 Replaced BY HC11E- FAMILY	Different Form, Fit & Function, Not Pin- for-Pin Equivalent	New Product Qualification
MC68HC11E1CFNE3R	MC68HC11E1CFNE3R Replaced BY HC11E- FAMILY	Different Form, Fit & Function, Not Pin- for-Pin Equivalent	New Product Qualification
MC68HC11E1MFNE2	MC68HC11E1MFNE2 Replaced BY HC11E- FAMILY	Different Form, Fit & Function, Not Pin- for-Pin Equivalent	New Product Qualification
MC68HC11E1MFNE3	MC68HC11E1MFNE3 Replaced BY HC11E- FAMILY	Different Form, Fit & Function, Not Pin- for-Pin Equivalent	New Product Qualification
MC68HC11E1VFNE3	MC68HC11E1VFNE3 Replaced BY HC11E- FAMILY	Different Form, Fit & Function, Not Pin- for-Pin Equivalent	New Product Qualification
MC68HC11E9BCFNE2	MC68HC11E9BCFNE2 Replaced BY HC11E- FAMILY	Different Form, Fit & Function, Not Pin- for-Pin Equivalent	New Product Qualification
MC68HC705C8ACFNE			
MC68HC705C8AFNE			
MC68HC705C9ACFBE			
MC68HC705C9ACFNE			
MC68HC705C9AVFNE			
MC68L11F1CFNE3			
MC705C8ABE			
MC705C8ACBE			
MC705C8ACFBE			
MC705C8ACFNER			
MC705C8ACPBE			
MC705C8ACPE			
MC705C9ACPE			
MC705JJ7CDWE			
MC705JP7CPE			

MC705P6ACDWE			
MC705P6ACDWER			
MC705P6ACPE			
MC705P6AMDWE			
MC705P6AMPE			
MC705P6ECDWE			
MC705P6ECPE			
MCHC11F1CFNE2			
MCHC11F1CFNE2R			
MCHC11F1CFNE3			
MCHC11F1CFNE3R			
MCHC11F1CFNE4			
MCHC11F1CFNE4R			
MCHC11F1VFNE3			
MCHC705JJ7CPE			
MCHC705JP7CDWE			
MCHRC705JJ7CPE			
MCHSC705C8ACFBE			
MCHSC705C8ACFNE			
MCHSC705C8ACPE			
MCR705JP7CDWE			
S705C9AG1CFNE			

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## **AFFECTED CHANGE CATEGORIES**

- FAB SITE

## **DESCRIPTION OF CHANGE**

This notice updates the list of devices that will be transferred. Please review this update as your device list may have changed.

The device(s) listed in this notification are being transferred from the Sendai Fab to the Freescale Chandler Fab.

For any derivative devices of products on this list that customers may request subsequent to this notice, the terms of this notice will apply.

## **REASON FOR CHANGE**

This notice updates the affected device list. Please review this update as your device list may have changed.

Please note that the 711E9 family will not be transferred and is now being discontinued (see PCN#13644B), however for most applications a compatible 711E20 part may be a potential replacement part.

Please contact your Sales Rep for possible replacement part information.

In order to improve our manufacturing efficiency, we have made the decision to refocus our manufacturing on 200mm and 300mm technology and to ramp down 150mm manufacturing, resulting in the closure of the Sendai Fab.

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

All devices will be transferred and qualified in lead-free, EPP packages only.

Contact your Sales representative regarding replacement products.

Anticipated AEC-Q100 Qualification Date: December 2010

Anticipated Sample Availability Date: December 2010

Updates to these schedules will be provided through your Sales rep as the qualifications progress.

Please provide sample requests by Sept 2010

ROM and Programmed Flash sample availability will be dependent on customer code availability and factory lead times.

Freescale will consider specific conditions of acceptance of this change submitted within 30 days of receipt of this notice on a case by case basis. To request further data or inquire about samples, please enter a [Service Request](#).

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### **RELATED NOTIFICATION(S):**

[13675](#) - Freescale 150mm Sendai Fab Closure - 60% IDRNVN to CHD Product Transfer Notification

TO VIEW the GENERIC copy, click on the notification number above.

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**QUAL DATA AVAILABILITY DATE:** 15-Dec-2010

**QUALIFICATION STATUS:** NEW

### **QUALIFICATION PLAN:**

This data will be provided per the schedule in the anticipated impact section.

**RELIABILITY DATA SUMMARY:**

This data will be provided per the schedule in the anticipated impact section.

**ELECTRICAL CHARACTERISTIC SUMMARY:**

This data will be provided per the schedule in the anticipated impact section.

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**CHANGED PART IDENTIFICATION:**

No change to the orderable part number, except only lead-free, EPP package devices will be orderable..

**SAMPLE AVAILABILITY DATE:** 15-Dec-2010

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**ATTACHMENT(S):**

N/A

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