



PRODUCT AND PROCESS CHANGE NOTIFICATION

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ISSUE DATE: 01-Jul-2015
NOTIFICATION: 16780
TITLE: C90 TFS Devices LQFP100 14X14 Assembly Site Expand to Nantong Fujitsu Microelectronics Co., Ltd
EFFECTIVE DATE: 29-Sep-2015

DEVICE(S)

| MPN |
|------------------|
| MC56F84567VLL |
| MC56F84587VLL |
| MC56F84769VLL |
| MC56F84789VLL |
| MK10DN512VLL10 |
| MK10DN512ZVLL10 |
| MK10DN512ZVLL10R |
| MK10DX128VLL7 |
| MK10DX256VLL7 |
| MK20DN512VLL10 |
| MK20DN512ZVLL10 |
| MK20DX128VLL7 |
| MK20DX256VLL10 |
| MK20DX256VLL7 |
| MK20DX256ZVLL10 |
| MK22FN128VLL10 |
| MK22FN1M0AVLL12 |
| MK22FN1M0VLL12 |
| MK22FN256VLL12 |
| MK22FN512VLL12 |
| MK22FX512AVLL12 |
| MK22FX512VLL12 |
| MK24FN1M0VLL12 |
| MK24FN1M0VLL12R |

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|-----------------|
| MK30DN512VLL10 |
| MK30DX128VLL7 |
| MK30DX256VLL7 |
| MK40DN512VLL10 |
| MK40DN512ZVLL10 |
| MK40DX128VLL7 |
| MK40DX256VLL7 |
| MK50DN512CLL10 |
| MK50DN512ZCLL10 |
| MK50DX128CLL7 |
| MK50DX256CLL10 |
| MK50DX256CLL7 |
| MK50DX256ZCLL10 |
| MK51DN512CLL10 |
| MK51DN512ZCLL10 |
| MK51DX256CLL10 |
| MK51DX256CLL7 |
| MK51DX256ZCLL10 |
| MK60DN256VLL10 |
| MK60DN256VLL10R |
| MK60DN256ZVLL10 |
| MK60DN512VLL10 |
| MK60DN512VLL10R |
| MK60DN512ZVLL10 |
| MK60DX256VLL10 |
| MK60DX256ZVLL10 |
| MK64FN1M0VLL12 |
| MK64FN1M0VLL12R |
| MK64FX512VLL12 |
| MKL26Z128VLL4 |
| MKL26Z256VLL4 |
| MKL34Z64VLL4 |
| MKL36Z128VLL4 |
| MKL36Z128VLL4R |
| MKL36Z256VLL4 |
| MKL36Z256VLL4R |
| MKL36Z64VLL4 |
| MKL46Z128VLL4 |
| |

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|----------------|
| MKL46Z256VLL4 |
| MKM33Z128ACLL5 |
| MKM33Z128CLL5 |
| MKM33Z64ACLL5 |
| MKM33Z64ACLL5R |
| MKM33Z64CLL5 |
| MKM33Z64CLL5R |
| MKM34Z128ACLL5 |
| MKM34Z128CLL5 |
| MKV31F128VLL10 |
| MKV31F256VLL12 |
| MKV31F512VLL12 |
| MKV46F256VLL16 |

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AFFECTED CHANGE CATEGORIES

- ASSEMBLY SITE

DESCRIPTION OF CHANGE

Freescale Semiconductor is announcing the assembly site expansion for the products listed in this notification, from the current Freescale Kuala Lumpur, Malaysia (FSL-KLM-FM), Subcon ASE ChungLi, Taiwan assembly Facility to the Subcon NFME (NANTONG FUJITSU MICROELECTRONICS CO. LTD), Nantong, China assembly Facility.

REASON FOR CHANGE

Qualification of the Subcon NFME (NANTONG FUJITSU MICROELECTRONICS CO. LTD), Nantong, China assembly Facility to ensure manufacturing flexibility and customer supply assurance

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: 17-Jul-2015

QUALIFICATION STATUS: IN PROCESS

QUALIFICATION PLAN:

Freescale Semiconductor Manufacturing standard specification for assembly transfers was followed for the Assembly Transfer.

RELIABILITY DATA SUMMARY:

Will provide upon request

ELECTRICAL CHARACTERISTIC SUMMARY:

No change was made to the operating performance of the device. Electrical characterization of the device was not required.

CHANGED PART IDENTIFICATION:

The assembly site, among other information, is reflected in the package trace code.

The format for the Freescale standard trace code: ATWLYYWWZ is the following:

A=Assembly Site, T=Test Site, WL=Wafer Lot, YY=Year, WW=Work Week, Z=Z CODE.

The current assembly site marking for 14x14 LQFP at FSL-KLM-FM is A=Q.

The current assembly site marking for 14x14 LQFP at ASECL is A=X.

The marking for proposed assembly NFME is A=XN.

Sample Part Number Package Description

KK60DN512ZVLL10 LQFP 100 14SQ1.4P0.5 C90

SAMPLE AVAILABILITY DATE: 25-May-2015

ATTACHMENT(S):

N/A
