



Customer Information Notification

201906026I

Issue Date: 10-Jul-2019
Effective Date: 11-Jul-2019

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QUALITY

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 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 type="checkbox"/> Assembly Location | <input type="checkbox"/> Packing/Shipping/Labeling | <input type="checkbox"/> Test Equipment | <input checked="" type="checkbox"/> Electrical spec./Test coverage |
| <input type="checkbox"/> Firmware | <input checked="" type="checkbox"/> Other - reference manual and datasheet | | | |

MKE1xF Datasheet and Reference Manual Update

Description

NXP Semiconductors announces that the MKE1xF512/F256 Datasheet has been updated to Rev 4 (KE1XFP100M168SF0_Rev.4) and Reference Manual has been updated to Rev 4 (KE1XFP100M168SF0RM_Rev.4). The revision history included in the updated document provides a detailed description of the changes.

The updated MKE1xF512/F256 Datasheet and Reference Manual can be found at:
https://www.nxp.com/products/processors-and-microcontrollers/arm-based-processors-and-mcus/kinetis-cortex-m-mcus/e-series5v-robustm0-plus-m4/kinetis-ke1xf-168mhz-performance-with-can-5v-microcontrollers-based-on-arm-cortex-m4:KE1xF?tab=Documentation_Tab

A summary of the document changes is attached to this notice.

Reason

The Datasheets and the Reference Manual have been updated to provide additional technical clarification on some device features.

Identification of Affected Products

Product identification does not change

Anticipated Impact on Form, Fit, Function, Reliability or Quality

No impact on form, fit, function, reliability or quality.

Data Sheet Revision

A new datasheet will be issued

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 Jonson Chen
Position Application Engineer
e-mail address jonson.chen@nxp.com

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Customer Focus, Passion to Win.

NXP Quality Management Team.

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| Changed Orderable Part# | Changed Part 12NC | Changed Part Number | Changed Part Description | Package Outline | Package Name | Status | Product Line |
|-------------------------|-------------------|---------------------|--------------------------|-----------------|--------------|--------|--------------|
| MKE14F256VLH16 | 935325983557 | MKE14F256VLH16 | MT512P 64LQFP | SOT1699-1 | QFP64 | RFS | MCUs |
| MKE18F512VLL16 | 935318789557 | MKE18F512VLL16 | MT512P 100LQFP | SOT407-3 | LQFP100 | RFS | MCUs |
| MKE14F512VLH16 | 935312754557 | MKE14F512VLH16 | MT512P 64LQFP | SOT1699-1 | QFP64 | RFS | MCUs |
| MKE18F256VLH16 | 935316207557 | MKE18F256VLH16 | MT512P 64LQFP | SOT1699-1 | QFP64 | RFS | MCUs |
| MKE16F512VLH16 | 935325961557 | MKE16F512VLH16 | MT512P 64LQFP | SOT1699-1 | QFP64 | RFS | MCUs |
| MKE18F512VLH16 | 935312623557 | MKE18F512VLH16 | MT512P 64LQFP | SOT1699-1 | QFP64 | RFS | MCUs |
| MKE14F512VLL16 | 935323688557 | MKE14F512VLL16 | MT512P 100LQFP | SOT407-3 | LQFP100 | RFS | MCUs |
| MKE16F256VLH16 | 935324962557 | MKE16F256VLH16 | MT512P 64LQFP | SOT1699-1 | QFP64 | RFS | MCUs |