# Customer Information Notification

202309006I : Datasheet update for MK02FN128VLH10

**Note:** This notice is NXP Company Proprietary.

**Issue Date:** Nov 30, 2023 **Effective date:Dec 01, 2023**

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**Management summary**

Datasheet for MK02FN128VLH10, MK02FN128VLF10, MK02FN128VFM10, MK02FN64VLH10, MK02FN64VLF10, MK02FN64VFM10 has been updated to revision 5.

**Change Category**

| | | | | |
|---|---|---|---|---|
| [ ]Wafer Fab Process | [ ]Assembly Process | [ ]Product Marking | [ ]Test Process | [ ]Design |
| [ ]Wafer Fab Materials | [ ]Assembly Materials | [ ]Mechanical Specification | [ ]Test Equipment | [ ]Errata |
| [ ]Wafer Fab Location | [ ]Assembly Location | [ ]Packing/Shipping/Labeling | [ ]Test Location | [ ]Electrical spec./Test coverage |
| [ ]Firmware | [X]Other: Documentation update | | | |

# PCN Overview

## Description

NXP Semiconductors announces that the datasheet for MK02FN128VLH10, MK02FN128VLF10, MK02FN128VFM10, MK02FN64VLH10, MK02FN64VLF10, MK02FN64VFM10 have been updated. The new revision is rev 5.

Changes in the new revision:
• Updated Ordering information table in Front Matter by adding Part number marking and packages column
• Updated the Chip Errata to Kinetis_K_xN36M in Related Resources table
• Removed 48-pin LQFP and 32-pin QFN part marking section and added generic Package Markings section
• Updated Voltage and current operating ratings
• Added SRPWR in Voltage and current operating requirements
• Updated ADC frequencies at different modes in 16-bit ADC operating conditions
• Updated footnote attached to Reference Voltage in Table 26. 12-bit DAC operating requirements

The updated documents can be found at:
https://www.nxp.com/docs/en/data-sheet/K02P64M100SFA.pdf

**Reason**

The datasheet for MK02FN128VLH10, MK02FN128VLF10, MK02FN128VFM10, MK02FN64VLH10, MK02FN64VLF10, MK02FN64VFM10 have been updated. The new revision is rev 5.

Updated maximum ADC frequencies at different modes in 16-bit ADC operating conditions, added SRPWR in Voltage and current operating requirements, updated Voltage and current operating ratings, and updated footnote attached to Reference Voltage in Table 26. 12-bit DAC operating requirements.

**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

## Additional information

Additional documents: view online

## 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** | NXP Technical support |
| **e-mail address** | tech.support@nxp.com |

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.

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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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| Orderable Part Number# | 12NC | Product Type | Product Description | Package Outline | Package Description | Product Status | Customer Specific Indicator | Product Line |
|---|---|---|---|---|---|---|---|---|
| MK02FN128VLH10 | 935324768557 | MK02FN128VLH10 | K02 128L Senna-64LQFP | (L)QFP64 | SOT1699-1 | RFS | No | BLM1 |
| MK02FN128VFM10 | 935315274557 | MK02FN128VFM10 | K02 128L Senna-32 QFN | H(V)QFN32 | SOT617-17 | RFS | No | BLM1 |
| MK02FN128VLF10 | 935312617557 | MK02FN128VLF10 | KV30F 128L-48LQFP | (L)QFP48 | SOT313-3 | RFS | No | BLM1 |
| MK02FN64VLH10 | 935322162557 | MK02FN64VLH10 | K02 128L Senna-64LQFP | (L)QFP64 | SOT1699-1 | RFS | No | BLM1 |
| MK02FN64VLF10 | 935315933557 | MK02FN64VLF10 | KV30F 128L-48LQFP | (L)QFP48 | SOT313-3 | RFS | No | BLM1 |
| MK02FN64VFM10R | 935323608528 | MK02FN64VFM10R | K02 128L Senna-32 QFN | H(V)QFN32 | SOT617-17 | RFS | No | BLM1 |
| MK02FN64VFM10 | 935323608557 | MK02FN64VFM10 | K02 128L Senna-32 QFN | H(V)QFN32 | SOT617-17 | RFS | No | BLM1 |