



Customer Information Notification

202304003I : Datasheet Update for MK22FN512xxx12 to Revision 8

Note: This notice is NXP Company
Proprietary.

Issue Date: Jun 30, 2023 **Effective date:** Jul 01, 2023

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Management summary

Datasheet for MK22FN512 have been updated to rev 8.

Change Category

<input type="checkbox"/> Wafer Fab Process	<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Product Marking	<input type="checkbox"/> Test Process	<input type="checkbox"/> Design
<input type="checkbox"/> Wafer Fab Materials	<input type="checkbox"/> Assembly Materials	<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Test Equipment	<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 Location	<input type="checkbox"/> Electrical spec./Test coverage
<input type="checkbox"/> Firmware <input checked="" type="checkbox"/> Other: Documentation update				

PCN Overview

Description

NXP Semiconductors announces that the datasheet for MK22FN512 have been updated. The new revision is rev 8.

Changes in the new revision:

- Updated the footnote in front matter to mention that only MK22FN512VDC12 (121BGA) supports two DACs
- Updated Voltage and current operating ratings
- Added VBAT:SRPWR in Table 1
- Updated footnote attached to Reference Voltage in 12-bit DAC operating requirements
- Updated from 121 MAPBGA to 121 XFBGA in K22 F pinout table
- Updated footnote in frontmatter to state "Only MK22FN512VDC12 (121BGA) supports both DAC : DAC0 and DAC1"
- Updated Ordering information table in Front Matter by adding Part number marking and packages column
- Removed 121-pin XFBGA part marking and 64-pin MAPBGA part marking sections.
Added generic Package Markings section

- Updated ADC frequencies at different modes in 16-bit ADC operating conditions

The updated documents can be found at:

<https://www.nxp.com/docs/en/data-sheet/K22P121M120SF7.pdf>

Reason

The datasheet for MK22FN512 have been updated. The new revision is rev 8.

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

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NXP Quality Management Team.

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