



Customer Information Notification

2022060281 : MKS20/22FN256/128 Datasheet Update to Rev3.1

Note: This notice is NXP Company Proprietary.

Issue Date: Sep 03, 2022 **Effective date:** Sep 04, 2022

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Management summary

MKS20/22FN256/128 datasheet has been updated to Rev 3.1 (KS22P100M120SF0_Rev.3.1).

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

Firmware Other: Datasheet

PCN Overview

Description

NXP Semiconductors announces that the MKS20/22FN256/128 datasheet has been updated to Rev 3.1 (KS22P100M120SF0_Rev.3.1).

The revision history included in the updated document provides a detailed description of the changes.

Changes are summarized below:

1. Updated the USB descriptions, in "Communication interfaces" section of the front matter feature list, and "USB" sub-section of the "Peripheral features" section.
2. Minor correction in the "Pin properties" table: pin number 8-11 rows for 48QFN.

The updated MKS20/22FN256/128 datasheet can be found at:

<http://nww.preview.nxp.com/products/processors-and-microcontrollers/arm-microcontrollers/general-purpose-mcus/k-series-cortex-m4/ks2x-family/ks2x-120mhz-microcontrollers-mcus-based-on-arm-cortex-m4-core:KS2X>

Reason

The Datasheet has 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

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	Jonson Chen
Position	System Engineering
e-mail address	yonggang.chen@nxp.com

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NXP Quality Management Team.

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NXP Semiconductors
High Tech Campus, 5656 AG Eindhoven, The Netherlands

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Changed Orderable Part#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
MKS22FN256VFT12	935313311557	MKS22FN256VFT12	KS22 48QFN	H(V)QFN48	SOT619-22	RFS	No	BLM1
MKS22FN256VLH12	935318713557	MKS22FN256VLH12	KS22 64LQFP	(L)QFP64	SOT1699-1	RFS	No	BLM1
MKS22FN256VLL12	935322397557	MKS22FN256VLL12	KS22 100LQFP	(L)QFP100	SOT407-3	RFS	No	BLM1
MKS22FN128VLL12	935320784557	MKS22FN128VLL12	KS22 100LQFP	(L)QFP100	SOT407-3	RFS	No	BLM1
MKS22FN128VLH12	935322398557	MKS22FN128VLH12	KS22 64LQFP	(L)QFP64	SOT1699-1	RFS	No	BLM1
MKS22FN128VFT12	935322406557	MKS22FN128VFT12	KS22 48QFN	H(V)QFN48	SOT619-22	RFS	No	BLM1
MKS20FN256VLH12	935316204557	MKS20FN256VLH12	KS22 256R 64LQFP	(L)QFP64	SOT1699-1	RFS	No	BLM1
MKS20FN256VFT12	935316481557	MKS20FN256VFT12	KS22 48QFN	H(V)QFN48	SOT619-22	RFS	No	BLM1
MKS20FN256VLL12	935323776557	MKS20FN256VLL12	KS22 256R 100LQFP	(L)QFP100	SOT407-3	RFS	No	BLM1
MKS20FN128VLL12	935313111557	MKS20FN128VLL12	KS22 256R 100LQFP	(L)QFP100	SOT407-3	RFS	No	BLM1
MKS20FN128VFT12	935316479557	MKS20FN128VFT12	KS22 48QFN	H(V)QFN48	SOT619-22	RFS	No	BLM1
MKS20FN128VLH12	935326006557	MKS20FN128VLH12	KS22 256R 64LQFP	(L)QFP64	SOT1699-1	RFS	No	BLM1