



## Customer Information Notification

201611029I

**Issue Date:** 21-Jan-2017  
**Effective Date:** 22-Jan-2017

Here's your personalized quality information concerning products Digi-Key purchased from NXP. For detailed information we invite you to view this notification online



# QUALITY

### Management Summary

NXP Semiconductors announces the Datasheet update for K80P121M150SF5, K82P121M150SF5, and KL82P121M72SF0.

#### 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 |

Datasheet Update for  
K80P121M150SF5  
K82P121M150SF5 and  
KL82P121M72SF0

### Information Notification

NXP Semiconductors announces that the K80P121M150SF5 Datasheet has been updated to revision 5, the K82P121M150SF5 Datasheet has been updated to revision 2 and the KL82P121M72SF0 Datasheet has been updated to revision 4. The revision history included in the updated document provides a detailed description of the changes.

The updated Datasheet of K80P121M150SF5, K82P121M150SF5 and KL82P121M72SF0 can be found at: K80P121M150SF5:

[http://www.nxp.com/products/microcontrollers-and-processors/arm-processors/kinetis-cortex-m-mcus/k-series-performance-m4/k8x-secure/kinetis-k80-150-mhz-advanced-security-quadspi-micrcontrollers-based-on-arm-cortex-m4:K80\\_150?fsp=1&tab=Documentation\\_Tab](http://www.nxp.com/products/microcontrollers-and-processors/arm-processors/kinetis-cortex-m-mcus/k-series-performance-m4/k8x-secure/kinetis-k80-150-mhz-advanced-security-quadspi-micrcontrollers-based-on-arm-cortex-m4:K80_150?fsp=1&tab=Documentation_Tab)

K82P121M150SF5:

<http://www.nxp.com/products/microcontrollers-and-processors/arm-processors/kinetis-cortex-m-mcus/k>

series-performance-m4/k8x-secure/kinetis-k82-150-mhz-hw-cryptographic-co-processor-quadspi-microcontrollers-based-on-arm-cortex-m4:K82\_150?fsp=1&tab=Documentation\_Tab  
KL82P121M72SF0:  
[http://www.nxp.com/products/microcontrollers-and-processors/arm-processors/kinetis-cortex-m-mcus/l-series-ultra-low-power-m0-plus/kinetis-kl8x-72-96-mhz-secure-ultra-low-power-microcontrollers-based-on-arm-cortex-m0-plus:KL8x?fsp=1&tab=Documentation\\_Tab](http://www.nxp.com/products/microcontrollers-and-processors/arm-processors/kinetis-cortex-m-mcus/l-series-ultra-low-power-m0-plus/kinetis-kl8x-72-96-mhz-secure-ultra-low-power-microcontrollers-based-on-arm-cortex-m0-plus:KL8x?fsp=1&tab=Documentation_Tab)

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

#### **Why do we issue this Information Notification**

The Datasheet for K80P121M150SF5, K82P121M150SF5 and KL82P121M72SF0 have been updated to correct errors and provide additional technical clarification on some device features.

#### **Identification of Affected Products**

Product identification does not change

#### **Impact**

there is no change to product form, fit, function, or reliability.

#### **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** Ken Song  
**Position** Product Engineer  
**e-mail address** ken.song@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.

#### **About NXP Semiconductors**

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

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Changed Orderable Part#	Customer Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Name	Status	Product Line
MK82FN256VLL15	MK82FN256VLL15	935325966557	MK82FN256VLL15	K82-256	LQFP100	RFS	BL Microcontrollers
MK82FN256VDC15	MK82FN256VDC15	935316084557	MK82FN256VDC15	K80-256	XFBGA121	RFS	BL Microcontrollers
MKL82Z128VMC7	MKL82Z128VMC7	935316055557	MKL82Z128VMC7	KL80 121 MAPBGA	LFBGA121	RFS	BL Microcontrollers
MKL82Z128VLK7	MKL82Z128VLK7	935312957557	MKL82Z128VLK7	KL80 80LQFP	LQFP80	RFS	BL Microcontrollers
MKL82Z128VLK7	MKL82Z128VLK7	935312957557	MKL82Z128VLK7	KL80 80LQFP	LQFP80	RFS	BL Microcontrollers
MK82FN256VDC15	MK82FN256VDC15	935316084557	MK82FN256VDC15	K80-256	XFBGA121	RFS	BL Microcontrollers
MKL82Z128VLK7	MKL82Z128VLK7	935312957557	MKL82Z128VLK7	KL80 80LQFP	LQFP80	RFS	BL Microcontrollers
MK82FN256VDC15	MK82FN256VDC15	935316084557	MK82FN256VDC15	K80-256	XFBGA121	RFS	BL Microcontrollers
MK80FN256VLL15	MK80FN256VLL15	935312447557	MK80FN256VLL15	K80-256	LQFP100	RFS	BL Microcontrollers