



Customer Information Notification

201805030I

Issue Date: 01-Jun-2018
Effective Date: 02-Jun-2018

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

Datasheet correction to maximum Idd supply current in Deep-sleep Mode for LPC546xx products.

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 type="checkbox"/> Other | | | |

Datasheet Correction to Maximum Idd Supply Current in Deep-sleep Mode for LPC546xx Products

Description

The maximum Idd Supply Current in the Deep-sleep mode with the Flash powered down has been corrected for LPC546xx products.

The datasheet has been updated with the new maximum limits.

The latest datasheet revision Rev. 2.4 can be found online at <https://www.nxp.com/docs/en/datasheet/LPC546XX.pdf>

1. Corrections have been made to the datasheet on Table 16 (page 91)
Maximum Idd supply current at Tamb=25C has been corrected from 64uA to 69uA

Maximum Idd supply current at Tamb=105C has been corrected from 800uA to 1150uA

2. Corrections have been made to the datasheet on Table 17 (page 92)

Maximum Idd supply current at Tamb=25C has been corrected from 68uA to 69uA

Reason

To keep customers informed of the latest datasheet corrections to the Idd maximum supply current limits.

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:

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Position Senior Quality Engineer

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Customer Focus, Passion to Win.

NXP Quality Management Team.

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NXP Semiconductors

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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Outline	Package Name	Status	Product Line
LPC54606J512BD208E	935308861551	LPC54606J512BD208	32-bit ARM M4	SOT459-1	LQFP208	RFS	BL Microcontrollers
LPC54628J512ET180E	935347071551	LPC54628J512ET180	32-bit ARM Cortex-M4	SOT570-3	TFBGA180	RFS	BL Microcontrollers
LPC54607J256BD208E	935308859551	LPC54607J256BD208	32-bit ARM M4	SOT459-1	LQFP208	RFS	BL Microcontrollers
LPC54618J512BD208E	935340234551	LPC54618J512BD208	32-bit ARM Cortex-M4	SOT459-1	LQFP208	RFS	BL Microcontrollers
LPC54606J256BD100E	935344366551	LPC54606J256BD100	32-bit ARM Cortex-M4	SOT407-1	LQFP100	RFS	BL Microcontrollers
LPC54606J256ET100E	935344367551	LPC54606J256ET100	32-bit ARM Cortex-M4	SOT926-1	TFBGA100	RFS	BL Microcontrollers
LPC54605J512ET180E	935308868551	LPC54605J512ET180	32-bit ARM M4	SOT570-3	TFBGA180	RFS	BL Microcontrollers
LPC54608J512BD208E	935308842551	LPC54608J512BD208	32-bit ARM M4	SOT459-1	LQFP208	RFS	BL Microcontrollers
LPC54607J256ET180E	935308843551	LPC54607J256ET180	32-bit ARM M4	SOT570-3	TFBGA180	RFS	BL Microcontrollers
LPC54616J512BD100E	935344362551	LPC54616J512BD100	32-bit ARM Cortex-M4	SOT407-1	LQFP100	RFS	BL Microcontrollers
LPC54605J256ET180E	935308869551	LPC54605J256ET180	32-bit ARM M4	SOT570-3	TFBGA180	RFS	BL Microcontrollers
LPC54606J512BD100E	935344363551	LPC54606J512BD100	32-bit ARM Cortex-M4	SOT407-1	LQFP100	RFS	BL Microcontrollers
LPC54616J512ET100E	935344364551	LPC54616J512ET100	32-bit ARM Cortex-M4	SOT926-1	TFBGA100	RFS	BL Microcontrollers
LPC54608J512ET180E	935308866551	LPC54608J512ET180	32-bit ARM M4	SOT570-3	TFBGA180	RFS	BL Microcontrollers
LPC54606J512ET100E	935344365551	LPC54606J512ET100	32-bit ARM Cortex-M4	SOT926-1	TFBGA100	RFS	BL Microcontrollers
LPC54606J256ET180E	935308867551	LPC54606J256ET180	32-bit ARM M4	SOT570-3	TFBGA180	RFS	BL Microcontrollers
LPC54607J512ET180E	935309058551	LPC54607J512ET180	32-bit ARM M4	SOT570-3	TFBGA180	RFS	BL Microcontrollers