NXP

Final Product Change Notification | 201803008F01

Issue Date: 08-Jun-2018
Effective Date: 06-Sep-2018

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QUALITY

Change Category

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

LPC802 Change to Revision "1B"

Description of Change

Microcontroller product LPC802 will be sourced from the new product version Rev "1B". Currently released version for the parts LPC802M001JDH16, LPC802M001JDH20 and LPC802M001JHI33 is Rev "0A" and for the parts LPC802M011JDH20 is "1A".

- This change resolves the known functional deviation DPD.1 as documented in the device errata:
DPD.1: Port pin PIO0_4 cannot be used to wake up the device from deep power-down mode.

- No wafer fab location or process change.

- Device functionality does not change.

Reason for Change
To resolve known functional deviation DPD.1 as documented in the errata.
Identification of Affected Products
Top side marking
Refer to Remarks section for detail.

Product Availability

Sample Information
Samples are available upon request
Production
Planned first shipment 18-Sep-2018

Anticipated Impact on Form, Fit, Function, Reliability or Quality

Although the new product revision is expected to be electrically identical, it is recommended that customers fully characterize the change in their applications.
Data Sheet Revision
No impact to existing datasheet
Disposition of Old Products
Existing inventory will be shipped until depleted

Timing and Logistics

In compliance with JEDEC J-STD-046, your acknowledgement of this change is expected by 08-Jul-2018.

Remarks

The product version is reflected in the last 2 characters of the last line on the marking:
For the part LPC802M001JDH16, LPC802M001JDH20 and LPC802M001JHI33, the last 2 characters of the last line will be changed from "0A" to "1B".
For the part LPC802M011JDH20, the last 2 characters of the last line will be changed from "1A" to "1B".

For sample availability please contact your local distributor or NXP Sales.

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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NXP Quality Management Team.

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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Outline	Package Name	Status	Product Line
LPC802M001JDH16FP	935344357129	LPC802M001JDH16	32-bit ARM Cortex-M0+	SOT403-1	TSSOP16	RFS	BL Microcontrollers
LPC802M001JDH20FP	935344358129	LPC802M001JDH20	32-bit ARM Cortex-M0+	SOT360-1	TSSOP20	RFS	BL Microcontrollers
LPC802M001JHI33E	935345948551	LPC802M001JHI33	32-bit ARM Cortex-M0+	SOT617-11	HVQFN32	RFS	BL Microcontrollers
LPC802M011JDH20FP	935344359129	LPC802M011JDH20	32-bit ARM Cortex-M0+	SOT360-1	TSSOP20	RFS	BL Microcontrollers