



Final Product Change Notification

201909002F01

Issue Date: 09-Nov-2019
Effective Date: 07-Feb-2020

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QUALITY

Management Summary

Microcontroller products LPC80xm will be sourced from the new product revision "1D" to resolve the VDD.1 errata.

Change Category

- | | | | | |
|--|---|--|---|---|
| <input type="checkbox"/> Wafer Fab Process | <input type="checkbox"/> Assembly Process | <input type="checkbox"/> Product Marking | <input type="checkbox"/> Test Location | <input checked="" 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 type="checkbox"/> Electrical spec./Test coverage |
| <input type="checkbox"/> Firmware | <input type="checkbox"/> Other | | | |

LPC80xm Revision
Change to 1D

Description of Change

Microcontroller products LPC80xm will be sourced from the new product revision "1D".

- This design change fixes the VDD.1 errata as documented in the device errata sheet, https://www.nxp.com/docs/en/errata/ES_LPC802.pdf.

- The design change is a logic only change and there is no reliability impact.

Reason for Change

- To fix the VDD.1 functional deviation as documented in the errata sheet.

Identification of Affected Products

Top side marking

The last 2 characters of the last line in the top side marking changes to "1D"

Product Availability

Sample Information

Samples are available upon request

Production

Planned first shipment 07-Feb-2020

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

No change to form, fit or function other than the VDD.1 errata fix

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 09-Dec-2019.

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 Tim Camenzind
Position Quality Manager - LPC Microcontroller Products
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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
LPC802M011JDH20FP	935344359129	LPC802M011JDH20	32-bit ARM Cortex-M0+	SOT360-1	TSSOP20	RFS	MCUs
LPC802M001JDH16FP	935344357129	LPC802M001JDH16	32-bit ARM Cortex-M0+	SOT403-1	TSSOP16	RFS	MCUs
LPC802M001JHI33E	935345948551	LPC802M001JHI33	32-bit ARM Cortex-M0+	SOT617-11	HVQFN32	RFS	MCUs
LPC802M001JDH20FP	935344358129	LPC802M001JDH20	32-bit ARM Cortex-M0+	SOT360-1	TSSOP20	RFS	MCUs