



Final Product Change Notification

201509016F01

Issue Date: 11-Dec-2015
Effective Date: 24-Mar-2016

Dear

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

Microcontroller products LPC18(S)x0 and LPC43(S)x0 will be sourced from the new product version Rev "D".

Currently released version is Rev. "C".

Change Category

<input type="checkbox"/> Wafer Fab process	<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Product Marking	<input checked="" type="checkbox"/> Design
<input type="checkbox"/> Wafer Fab materials	<input type="checkbox"/> Assembly Materials	<input type="checkbox"/> Electrical spec./Test coverage	<input type="checkbox"/> Mechanical Specification
<input type="checkbox"/> Wafer Fab location	<input type="checkbox"/> Assembly Location	<input type="checkbox"/> Test Location	<input type="checkbox"/> Packing/Shipping/Labeling

LPC18(S)x0 and LPC43(S)x0 change from Rev "C" to Rev "D"

Details of this Change

Microcontroller products LPC18(S)x0 and LPC43(S)x0 will be sourced from the new product version Rev "D".

Currently released version is Rev "C".

- No wafer fab location or process change.

- These changes resolve the following known functional deviations as documented in the device errata:

- OTP.1 - OTP ROM driver may not program boot source
- OTP.2 - Repeated power cycling of the device may cause erroneous programming of the OTP banks
- USBROM.2 - Nested NAK handling of EP0 OUT endpoint
- USBROM.3 - Isochronous transfers
- ISP.1 - Part ID format incorrect
- ISP.2 - "J" command in ISP mode swaps last two items

- device functionality has only changed to resolve the errata items identified above.

Why do we Implement this Change

To resolve known functional deviations as documented in the errata sheets.

Identification of Affected Products

Top side marking

Product Availability

Sample Information

Samples are available from 31-Dec-2015

Sample availability may vary by part number. Please check with your local distributor or NXP sales representative for details.

Production

Planned first shipment 16-Mar-2016

Impact

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

Shipments of rev D product may be available in advance of PCN effective date with customer approval.

Timing and Logistics

Your acknowledgement of this change, conform JEDEC JESD46 D, is expected till 10-Jan-2016.

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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NXP Semiconductors
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Changed Orderable Part#

LPC4310FET100,551

LPC43S30FET256E

LPC18S10FBD144E

LPC18S50FET180E

LPC4330FET100,551

LPC4330FET180,551

LPC1850FET256,551

LPC4320FET100,551

LPC4370FET256E

LPC4370FET100E

LPC18S30FET256E

LPC43S50FET180E

LPC43S50FET256,551

LPC4320FBD144,551

LPC43S20FBD144E

LPC18S10FET100E

LPC1830FET256,551

LPC4330FET256,551

LPC4330FBD144,551

LPC4350FET256,551