Customer Information Notification

201306011I

Issue Date: 22-Jul-2013
Effective Date: 20-Oct-2013

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 product LPC81x will be sourced from the new product version Rev "C"

Change Category

Wafer Fab process	Assembly Process	Product Marking	Design
Wafer Fab materials	Assembly Materials	Electrical spec./Test coverage	Mechanical Specification
Wafer Fab location	Assembly Location	Test Location	Packing/Shipping/Labeling

Microcontroller product LPC81x will be sourced from the new product version Rev "C"

Information Notification

For LPC81x products, products will be sourced from rev 'C'

- No process change.
- No fab location change.
- No assembly / test location change.

Why do we issue this Information Notification

- Various errata issues have been resolved (see the errata sheet with the link http://www.lpcware.com/content/nxpfile/errata-sheet-lpc81xm-eslpc81xm)
- ISP entry pin location has changed from PIO0_1 to PIO0_12
- Product is qualified for extended temperature range (up to 105C)

Identification of Affected Products

Top side marking
New 12NCs have been extracted, to differentiate between 'F' (up to 85C) and 'J' (up to 105C) parts
- 2nd line now contains letter 'J' iso 'F', indicating extended temperature range

Impact

no impact to the product's functionality anticipated.
no impact to the product's functionality anticipated

Data Sheet Revision

A new datasheet will be issued

Disposition of Old Products

Existing inventory will be shipped until depleted
Production will change over to rev 'C', shipment of rev 'A' is stopped

Additional information

Affected products and sales history information:

Remarks

For Identification of Affected Products,
- TSSOP20/SO20 package, the last 2 digits of last line will be changed from 2A to 4C

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   Emile Busink
Position   QA engineering MCU
e-mail address   emile.busink@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.

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