



Customer Information Notification

2023100111 : Errata update for LPC54018JxM, LPC54S018JxM, LPC540xx, LPC54S0xx, LPC5410x, LPC5411x and LPC546xx

Note: This notice is NXP Company Proprietary.

Issue Date: Feb 03, 2024 **Effective date:** Feb 04, 2024

Management summary

Errata update for LPC54018JxM, LPC54S018JxM, LPC540xx, LPC54S0xx, LPC5410x, LPC5411x and LPC546xx

Change Category

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

PCN Overview

Description

NXP Semiconductors announces that the errata for LPC54018JxM, LPC54S018JxM, LPC540xx, LPC54S0xx, LPC5410x, LPC5411x and LPC546xx have been updated.

Changes in the new revision:

Added a section for PLL - P-divider set to 4 could generate the wrong output frequency from the PLL.

The updated documents can be found at:

https://www.nxp.com/docs/en/errata/ES_LPC540XX_LPC54S0XX.pdf

https://www.nxp.com/docs/en/errata/LPC54018JxM_LPC54S018JxM.pdf

https://www.nxp.com/docs/en/errata/ES_LPC5410X.pdf

https://www.nxp.com/docs/en/errata/ES_LPC5411X.pdf

https://www.nxp.com/docs/en/errata/ES_LPC546XX.pdf

Reason

One P-divider value in the LPC54xxx PLL can sometimes cause the P-divider to jump into the wrong division state during startup of the PLL, the issue affects both the System and Audio PLL. A work-around is provided in the errata.

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

No Impact on form, fit, function, reliability or quality

Additional information

Additional documents: [view online](#)

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 NXP Technical support

e-mail address tech.support@nxp.com

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NXP Quality Management Team.

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