



Customer Information Notification

202310011I : 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

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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](#)

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NXP Quality Management Team.

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