



## Customer Information Notification

**2023070281** : MPC5645S Mask Set 0N29D/1N29D, MPC5604P Mask Set 1M36W and MPC5643L Mask Set 2N89D/0N18H Errata Update

**Note:** This notice is NXP Company Proprietary.

**Issue Date:** Sep 24, 2023 **Effective Date:** Sep 25, 2023

**Change Category:** Errata

## PCN Overview

### Description

NXP Semiconductors announces errata update for the MPC5645S mask sets 0N29D/1N29D, the MPC5604P mask set 1M36W, and the MPC5643L mask sets 2N89D/0N18H products associated with this notification.

MPC5645S mask set 0N29D/1N29D from revision SEP/2022 to revision JUL/2023

MPC5604P mask set 1M36W from revision SEP/2022 to revision JUL/2023

MPC5643L mask sets 2N89D/0N18H from revision SEP/2022 to revision JUL/2023

The errata document provides a detailed description of the changes in history revision.

The MPC5645S mask sets 0N29D and 1N29D revision JUL/2023 is attached to this notification or can be found at:

<https://www.nxp.com/products/processors-and-microcontrollers/power-architecture/mpc5xxx-microcontrollers/ultra-reliable-mpc56xx-mcus/ultra-reliable-mpc56xs-mcu-for-automotive-and-industrial-instrument-clusters:MPC564xS>

The MPC5604P mask set 1M36W revision JUL/2023 is attached to this notification or can be found at:

<https://www.nxp.com/products/processors-and-microcontrollers/power-architecture/mpc5xxx-microcontrollers/ultra-reliable-mpc56xx-mcus/ultra-reliable-mpc560xp-mcu-for-automotive-and-industrial-safety-applications:MPC560xP>

The MPC5643L mask sets 2N89D and 0N18H revision JUL/2023 is attached to this notification or can be found at:

<https://www.nxp.com/products/processors-and-microcontrollers/power-architecture/mpc5xxx-microcontrollers/ultra-reliable-mpc56xx-mcus/ultra-reliable-dual-core-32-bit-mcu-for-automotive-and-industrial-applications:MPC564xL>

Corresponding ZVEI Delta Qualification Matrix ID: SEM-DS-02

### Reason

The Errata have been updated to provide additional technical clarification on some device features.

### Identification of Affected Products

Product identification does not change

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

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

No changes were made to the current production device. The errata describe existing conditions identified on current production devices.

## Additional information

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See Part List below.

Additional documents: [view online](#)

## Contact and Support

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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 Tech Support Tech Support

**Position** NXP Technical Support

**e-mail address** [tech.support@nxp.com](mailto:tech.support@nxp.com)

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NXP Quality Management Team.

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**PART NUMBER LIST**

<b>Orderable Part Number</b>	<b>12NC</b>	<b>Product Type</b>
SPC5603PEF1MLL4	935311763557	SPC5603PEF1MLL4
SPC5603PEF1MLL4R	935311763528	SPC5603PEF1MLL4R
SPC5603PEF1MLL6	935318281557	SPC5603PEF1MLL6
SPC5603PEF1MLL6R	935318281528	SPC5603PEF1MLL6R
SPC5603PF1VLL6	935321693557	SPC5603PF1VLL6
SPC5604PEF1MLL4	935318184557	SPC5604PEF1MLL4
SPC5604PEF1MLL6	935311012557	SPC5604PEF1MLL6
SPC5604PEF1MLL6R	935311012528	SPC5604PEF1MLL6R
SPC5604PEF1MLQ6	935314638557	SPC5604PEF1MLQ6
SPC5604PEF1MLQ6R	935314638528	SPC5604PEF1MLQ6R
SPC5604PEF1VLL6	935310672557	SPC5604PEF1VLL6
SPC5604PEF1VLL6R	935310672528	SPC5604PEF1VLL6R
SPC5604PEF1VLQ6	935310635557	SPC5604PEF1VLQ6
SPC5604PF1VLL6	935317551557	SPC5604PF1VLL6
SPC5604PF1VLQ6	935312919557	SPC5604PF1VLQ6
SPC5604PGF1MLL6	935318036557	SPC5604PGF1MLL6
SPC5604PGF1MLQ6	935311006557	SPC5604PGF1MLQ6
SPC5604PGF1VLL6	935314424557	SPC5604PGF1VLL6
SPC5604PGF1VLL6R	935314424528	SPC5604PGF1VLL6R
SPC5604PGF1VLQ6	935310958557	SPC5604PGF1VLQ6
SPC5604PGF1VLQ6R	935310958528	SPC5604PGF1VLQ6R
SPC5643LAMLL6	935325039557	SPC5643LAMLL6
SPC5643LAMLQ1	935312954557	SPC5643LAMLQ1
SPC5643LAMLQ1R	935312954528	SPC5643LAMLQ1R
SPC5643LAMLQ8	935417362557	SPC5643LAMLQ8
SPC5643LAMMM1	935322354557	SPC5643LAMMM1
SPC5643LAMMM1R	935322354518	SPC5643LAMMM1R
SPC5643LF2MLQ1	935312727557	SPC5643LF2MLQ1
SPC5643LF2MLQ1R	935312727528	SPC5643LF2MLQ1R
SPC5643LF2MLQ8	935323303557	SPC5643LF2MLQ8
SPC5643LF2MLQ8R	935323303528	SPC5643LF2MLQ8R
SPC5643LF2MMM1	935315231557	SPC5643LF2MMM1
SPC5643LF2MMM1R	935315231518	SPC5643LF2MMM1R
SPC5643LFAMLL6	935409672557	SPC5643LFAMLL6
SPC5643LFAMLL6R	935409672528	SPC5643LFAMLL6R
SPC5643LFAMLQ1	935313021557	SPC5643LFAMLQ1
SPC5643LFAMLQ1R	935313021528	SPC5643LFAMLQ1R
SPC5643LFAMMM1	935320786557	SPC5643LFAMMM1
SPC5643LFAMMM1R	935320786518	SPC5643LFAMMM1R
SPC5643LFF2MLL6	935323282557	SPC5643LFF2MLL6
SPC5643LFF2MLQ1	935311029557	SPC5643LFF2MLQ1
SPC5643LFF2MLQ1R	935311029528	SPC5643LFF2MLQ1R
SPC5643LFF2MMM1	935319923557	SPC5643LFF2MMM1
SPC5643LFF2MMM1R	935319923518	SPC5643LFF2MMM1R
SPC5643LFK0MLL6	935316109557	SPC5643LFK0MLL6
SPC5643LFK0MLL6R	935316109528	SPC5643LFK0MLL6R
SPC5643LFK0MLQ1	935311494557	SPC5643LFK0MLQ1
SPC5643LFK0MLQ1R	935311494528	SPC5643LFK0MLQ1R

SPC5643LFK0MMM1	935312394557	SPC5643LFK0MMM1
SPC5643LFK0MMM1R	935312394518	SPC5643LFK0MMM1R
SPC5643LK0MLL6	935315956557	SPC5643LK0MLL6
SPC5643LK0MLQ1	935315894557	SPC5643LK0MLQ1
SPC5643LK0MLQ1R	935315894528	SPC5643LK0MLQ1R
SPC5643LK0MLQ8	935345222557	SPC5643LK0MLQ8
SPC5643LK0MMM1	935339332557	SPC5643LK0MMM1
SPC5645SF1CVU	935315737557	SPC5645SF1CVU
SPC5645SF1VLT	935314839557	SPC5645SF1VLT
SPC5645SF1VLTR	935314839528	SPC5645SF1VLTR
SPC5645SF1VLU	935313103557	SPC5645SF1VLU
SPC5645SF1VLUR	935313103528	SPC5645SF1VLUR
SPC5645SF1VVU	935320123557	SPC5645SF1VVU
SPC5645SF1VVUR	935320123518	SPC5645SF1VVUR