



## Customer Information Notification

201903019I

**Issue Date:** 24-Mar-2019

**Effective Date:** 24-Apr-2019

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

**This notice is NXP Company Proprietary.**

### Management Summary

The datasheets of NXP's PL IVN products TJA1021, TJA1027, TJA1029 and MC33662(B) have been updated to reflect the product's compliance to the latest LIN standards LIN2.2A and ISO 17987-4:2016 (12 V).

### Change Category

- |  |  |  |   |   |
|--|--|--|---|---|
| <input type="checkbox"/> Wafer Fab Process   | <input type="checkbox"/> Assembly Process  | <input type="checkbox"/> Product Marking           | <input type="checkbox"/> Test Location  | <input type="checkbox"/> Design                         |
| <input type="checkbox"/> Wafer Fab Materials | <input type="checkbox"/> Assembly Materials  | <input type="checkbox"/> Mechanical Specification  | <input type="checkbox"/> Test Process   | <input type="checkbox"/> Errata                         |
| <input type="checkbox"/> Wafer Fab Location  | <input type="checkbox"/> Assembly Location   | <input type="checkbox"/> Packing/Shipping/Labeling | <input type="checkbox"/> Test Equipment | <input type="checkbox"/> Electrical spec./Test coverage |
| <input type="checkbox"/> Firmware            | <input checked="" type="checkbox"/> Other - Compliance to latest LIN standards LIN2.2A and ISO 17987-4:2016 (12 V) |  |   |   |

Update of Datasheet for NXP's PL IVN Products TJA1021/27/29 and MC33662(B) to Latest LIN Standards

### Description

The datasheets of NXP's PL IVN products TJA1021, TJA1027, TJA1029 and MC33662(B) have been updated to reflect the product's compliance to the latest LIN standards LIN2.2A and ISO 17987-4:2016 (12 V).

No physical, design or test program change has been made to any of the products. Therefore their reliability and functionality is not affected. The compliance to the latest LIN standards can be guaranteed with the product (design) and test program as is.

For product TJA1021 an error has been corrected by adding a note to parameter ttx\_sym - transmitter propagation delay symmetry, clarifying that this specification does not apply to the TJA1021T(K)/10 product versions. This is not a change but a proper representation of the product's specification and performance as it has always been.

A reference to product MC33662(B) has been added to the datasheets of TJA1021, TJA1027 and TJA1029, and vice versa.

The revision history of the datasheets detail the changes made. The updated datasheets can be obtained from the NXP e-PCN system you are subscribed to (see instruction below under the heading 'Remarks'). The updated datasheets will be published on the NXP website 30 days after publication of this CIN.

For all four products updated PPAPs, including the updated datasheets and latest LIN standard compliance reports, are available on request.

Note that through NXP's PCN 201810025F01 there is a concurrent change announcement on the final test transfer of product MC33662(B). The two notifications are completely independent. The upgraded LIN standard compliance applies indiscriminantly to the products from either final test location, and has no impact on final test.

The applicable ZVEI Delta Qualification Matrix (DeQuMa) ID numbers are SEM-DS-02 and SEM-DS-03. Since there are no changes made to the products and the datasheet changes only describe upgraded compliance to the latest LIN standards, this running change is appropriately communicated by this Customer Information Notification (CIN).

**Reason**

NXP PL IVN wants to inform customers of the upgraded compliance of LIN products TJA1021, TJA1027, TJA1029 and MC33662(B) to the latest LIN standards LIN2.2A and ISO 17987-4:2016 (12 V).

**Identification of Affected Products**

Product identification does not change

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

There is no impact to form, fit, function, reliability or quality other than the intended upgraded compliance to the latest LIN standards LIN2.2A and ISO 17987-4:2016 (12 V).

**Data Sheet Revision**

A new datasheet will be issued

**Disposition of Old Products**

Not applicable, the upgraded LIN standard compliance applies indiscriminantly.

**Related Notifications**

Notification	Issue Date	Effective Date	Title
201810025F01	18-Nov-2018	16-Feb-2019	MST Final Test Platform Expansion / Relocation from ATTJ to KESM - Completion

**Remarks**

Please use the link 'view online' under the heading 'Additional information' above, to log in to the NXP e-PCN system you're subscribed to, in order to obtain the attached documents with relevant detailed information from the tab 'Files':

- The updated datasheets for products TJA1021, TJA1027, TJA1029 and MC33662(B)
- The applicable ZVEI DeQuMa, both in zipped excel and pdf format

Should you not be able to obtain these documents, please contact your NXP sales representative or the e-mail address mentioned below under 'Contact and Support'

## 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.

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.

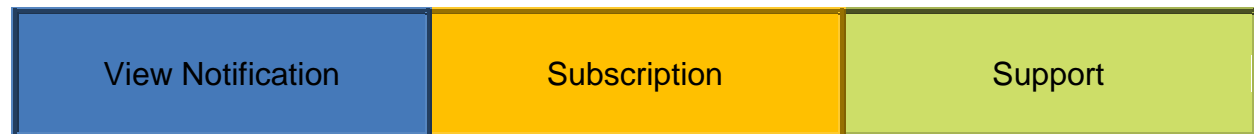
NXP Quality Management Team.

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### **Affected Part Numbers**

TJA1021T/10/C,118

MC33662LEF

TJA1021T/20/C,118

TJA1021TK/10/C,118

TJA1021TK/20/C,118

TJA1027T/20,118

TJA1027TK/20,118

TJA1021T/20/CM,118

TJA1029T,118

TJA1029TK,118

TJA1027T/20/1J

TJA1027TK/20/1J

TJA1029T/20/1J

TJA1029TK/20/1J

MC33662BSEFR2

MC33662BLEF

TJA1021T/20/C,112

### **Affected 12NC**

935285393118

935314388574

935285394118

935285395118

935285396118

935294211118

935294212118

935296781118

935297962118

935297963118

935303435118

935303442118

935303479118

935303481118

935311161518

935311331574

935285394112