



Customer Information Notification

201605003I

Issue Date: 15-Jun-2016

Effective Date: 16-Jul-2016

Dear

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

The NXP PL IVN third generation of HS-CAN transceivers receive a datasheet update, to support the new CAN FD requirements up to 5 Mbit/s according to the upcoming ISO11898-2:2016 specification.

HS-CAN datasheet update including ISO11898-2:2016 requirements

Information Notification

The following NXP PL IVN third generation HS-CAN transceivers receive a datasheet update, to support the new CAN FD requirements up to 5 Mbit/s:

- Basic HS-CAN : TJx1051-series, TJA1057 series
- Standby HS-CAN : TJA1042-series, TJA1044-series, TJA1049-series
- Sleep mode HS-CAN : TJA1043-series
- Dual CAN : TJA1046TK, TJA1048-series, TJA1059TK
- Isolated CAN : TJx1052i series
- HS-CAN with partial networking : TJA1145 (up to 2 Mbit/s)

No physical or design change has been made to any of the products, their reliability and functionality is therefore not affected. The improved performance is achieved by applying tighter limits at final test of these products. These tighter test limits have been implemented, and hence products will comply with the updated datasheets, from datecode wk1601 onwards.

The datasheet's revision history details 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.

All this is explained in more detail in the attachment to this CIN (see instruction below under the heading 'Remarks').

Why do we issue this Information Notification

NXP is committed to deliver products in compliance with the latest ISO11898-2:2016 specification and market requirements. This requires a datasheet update.

Identification of Affected Products

Product identification as shown in the first line of the top-side marking doesn't change. Products marked with datecode wk1601 onwards comply with the new CAN FD requirements in the updated datasheets

Impact

Data Sheet Revision

A new datasheet will be issued

Disposition of Old Products

Existing inventory will be shipped until depleted

Remarks

Please use the link 'view online' above under the heading 'Additional information' to log in to the NXP e-PCN system you're subscribed to, in order to obtain the updated datasheets and attachment from the tab 'Files'. The datasheets will also be published in one month on the NXP website (www.nxp.com).

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'.

In the NXP e-PCN system on the tab 'Products' you can see a list of your affected part numbers.

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 Kees van Hasselt
Position Quality Account Manager
e-mail address ivn.customer.service@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.

About NXP Semiconductors

NXP Semiconductors N.V. (NASDAQ: NXPI) provides High Performance Mixed Signal and Standard Product solutions that leverage its leading RF, Analog, Power Management, Interface, Security and Digital Processing expertise. These innovations are used in a wide range of automotive, identification, wireless infrastructure, lighting, industrial, mobile, consumer and computing applications.

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Part Numbers Affected

TJA1042T,112	TJA1048T,118
TJA1051TK/3/1J	TJF1051T/3,112
TJA1042T,118	TJF1051T/3,112
TJA1042T,118	TJF1051T/3,118
TJA1042T/3,112	TJF1051T/3,118
TJA1042T/3,112	TJA1049T,118
TJA1042T/3,118	TJA1049T,118
TJA1042T/3,118	TJA1042T/CM,118
TJA1051T,112	TJA1042T/CM,118
TJA1051T,112	TJA1051T/CM,118
TJA1051T,118	TJA1051T/CM,118
TJA1051T,118	TJA1051T/3/CM,118
TJA1051T/3,112	TJA1051T/3/CM,118
TJA1051T/3,112	TJA1044T,118
TJA1051T/3,118	TJA1044T,118
TJA1051T/3,118	TJA1052IT/5Y
TJA1051T/E,118	TJA1052IT/5Y
TJA1051T/E,118	TJA1044GTJ
TJA1043T,112	TJA1044GTJ
TJA1043T,112	TJA1057GTJ
TJA1043T,118	TJA1042T/1J
TJA1043T,118	TJA1042T/1J
TJA1051TK/3,118	TJA1042T/3/1J
TJA1051TK/3,118	TJA1042T/3/1J
TJA1042TK/3,118	TJA1051TK/3/1J
TJA1042TK/3,118	TJA1042T,112
TJA1048T,118	