



Customer Information Notification

201501008I

Issue Date: 24-Jan-2015
Effective Date: 10-Mar-2015

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 HS CAN product datasheets are updated to support CAN FD communication up to 2 Mbit/s.

HS CAN product support for CAN FD up to 2 Mbit/s

Information Notification

This Customer Information Notification (CIN) informs you about the update of the High-Speed (HS) CAN product datasheets to support CAN with flexible datarate (CAN FD) communication up to 2 Mbit/s. The HS CAN products are TJA1042, TJA1043, TJA1048, TJA1049, TJA1051 and TJA1059.

Pending the release of the updated version of ISO11898 including CAN FD, additional parameters defining loop delay symmetry are included in the datasheets. This implementation enables reliable communication in the CAN FD fast phase at data rates up to 2 Mbit/s. Products that are top-side marked with datecode 1504 (week 4, 2015) onwards comply with this new specification.

In addition we have included several minor unrelated corrections, additions and clarifications in the product's datasheets.

Please note that:

- No physical and/or design change whatsoever has been made to any of the involved products
- The datasheet changes do not in any way influence the product's functionality, performance or reliability

The datasheet's revision histories detail the changes made. The updated datasheets can be obtained from the NXP e-PCN system you're subscribed to (see instructions below under the heading 'Remarks'). They 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 instructions below under the heading 'Remarks').

Why do we issue this Information Notification

NXP is committed to inform customers about any datasheet update.

Identification of Affected Products

Product identification as shown in the first line of the top-side marking does not change. Products marked with datecode 1504 onwards in line 3 comply with the datarate up to 2 Mbit/s.

Impact

Apart from the above-mentioned increased datarate up to 2 Mbit/s, there is no impact to the product's functionality.

Data Sheet Revision

A new datasheet will be issued

Disposition of Old Products

Not applicable. There is no physical change to the products.

Related Notifications

Notification	Issue Date	Effective Date	Title
201403007I	24-Jan-2015	10-Mar-2015	TJA1052i support for CAN FD up to 2 Mbit/s
201411008I	28-Nov-2014	26-Feb-2015	Improved Mantis robustness

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 application note from the tab 'Files'. These documents will also be published shortly 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

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Customer Focus, Passion to Win.

NXP Quality Management Team.

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Changed Orderable Part#	Customer Part#
TJA1042T,118	TJA1042T,118
TJA1051T/3/CM,118	TJA1051T/3/CM,118
TJA1042T/3,118	TJA1042T/3,118
TJA1051T,112	TJA1051T,112
TJA1051T,118	TJA1051T,118
TJA1051T/3,118	TJA1051T/3,118
TJA1051T/3,118	TJA1051T/3,118
TJA1051T/E,118	TJA1051T/E,118
TJA1043T,118	TJA1043T,118
TJA1051TK/3,118	TJA1051TK/3,118
TJA1051TK/3,118	TJA1051TK/3,118
TJA1042TK/3,118	TJA1042TK/3,118
TJA1048T,118	TJA1048T,118
TJA1048T,118	TJA1048T,118
TJA1049T,118	TJA1049T,118
TJA1051T/3/CM,118	TJA1051T/3/CM,118
TJA1042T/3,118	TJA1042T/3,118