NXP

Customer Information Notification	2017060001I

Issue Date: 08-Sep-2017
Effective Date: 06-Dec-2017

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

Update on CAN FD for Mantis products TJA1044, TJA1057 and TJA1046, and Introduction of TJA1044 VIO.

Final CAN FD Update for Mantis Products TJA1044, TJA1057 and TJA1046, and Introduction TJA1044 VIO

Information Notification

Following the release of the ISO 11898-2:2016 and SAE J2284-1 to J2284-5 specifications, the datasheets of the Mantis products TJA1044, TJA1057 and TJA1046 are updated to support the final CAN FD requirements up to 5 Mbit/s. Also new CAN FD EMC and C&S CAN FD Interoperability conformance reports are available for these products, and PPAPs containing these documents are available on request.

No physical, design or test program change has been made to any of the products. Therefore their reliability and functionality is not affected. The improved performance through extended specifications can be guaranteed with the product (design) and test program as is.

Besides the final CAN FD update, the VIO version of product TJA1044 has been released and its specifications added to the existing TJA1044 datasheet. The CAN FD updates also apply to the new VIO product version.

The revision history of the datasheets 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.

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 ISO 1898-2:2016 and SAE J2284-1 to J2284-5 specifications and latest market requirements. This requires datasheet updates.

Also the addition of the specification of the newly introduced TJA1044 VIO product version to the current

TJA1044 datasheet needs to be notified to customers.
Identification of Affected Products
Product identification as shown in the first line of the top-side marking doesn't change.

Impact

Data Sheet Revision
A new datasheet will be issued

Related Notifications

Notification	Issue Date	Effective Date	Title
201605003I	15-Jun-2016	16-Jul-2016	HS-CAN datasheet update including ISO11898-2:2016 requirements
201610016F02	08-Sep-2017	06-Dec-2017	Introduction of Quad Source for Mantis Products TJA1044(G)T and TJA1057(G)T

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
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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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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Outline	Package Name	Status	Product Line
TJA1044GTJ	935301676118	TJA1044GT	HS-CAN Transceivers	SOT96-1	SO8	RFS	BL Advanced Automotive Analog
TJA1057GTJ	935301677118	TJA1057GT	HS-CAN Transceivers	SOT96-1	SO8	RFS	BL Advanced Automotive Analog
TJA1057T,118	935297573118	TJA1057T	HS-CAN Transceivers	SOT96-1	SO8	RFS	BL Advanced Automotive Analog