Customer Information Notification

202302008I : TJA1044 Datasheet Update

Issue Date: Feb 17, 2023 **Effective date:** Mar 17, 2023

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Management summary
TJA1044 datasheet update

Change Category

[ ]Wafer Fab Process	[ ]Assembly Process	[ ]Product Marking	[ ]Test Process	[ ]Design
[ ]Wafer Fab Materials	[ ]Assembly Materials	[ ]Mechanical Specification	[ ]Test Equipment	[ ]Errata
[ ]Wafer Fab Location	[ ]Assembly Location	[ ]Packing/Shipping/Labeling	[ ]Test Location	[ ]Electrical spec./Test coverage
[ ]Firmware	[X]Other: Datasheet update			

PCN Overview
Description

NXP Product Line In-Vehicle Networking (PL IVN) is updating the datasheet of product TJA1044. Two new product versions (TJA1044BT and TJA1044CT) have been added to the datasheet, textual and figure updates have been made and the allowed operating range has been expanded. No physical or design change has been made to the product, the improved/expanded specifications are achieved through updated conditions in the test program for TJA1044BT and TJA1044CT. For the other TJA1044 product versions the test program will be updated at a later moment in time, after which an updated PPAP Electrical Distribution (ED) report will become available.

The datasheet's revision history specifies the updates.

Attached to this Customer Information Notification (CIN) are three additional documents:
- A pdf document with detailed info on the datasheet update
- The ZVEI Delta Qualification Matrix (DeQuMa) for this datasheet updates, both in zipped excel and pdf format. The applicable change ID numbers are SEM-DS-02 and SEM-DS-03
- The new TJA1044 datasheet, which will also be published on the NXP website (www.nxp.com) one month after the distribution of this CIN to customers

See the paragraphs 'Additional information' and 'Remarks' below for instructions on how to obtain these documents.

For the newly released TJA1044BT and TJA1044CT products a PPAP is available on request.

Reason
NXP PL IVN wants to properly inform you of the improved datasheet specifications for the TJA1044 product family.

Identification of Affected Products
Product identification does not change

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

There is no impact on form, fit, function, reliability or quality, other than the intended improved datasheet specifications through tightened test limits.

Data Sheet Revision
A new datasheet will be issued

Additional information

Additional documents: view online

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 document with relevant detailed information from the tab 'Files'.

Should you not be able to obtain this document, 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.

For specific questions on this notice or the products affected please contact our specialist directly:

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NXP Quality Management Team.

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