



Customer Information Notification

2023020071 : TJA1042 Datasheet Update

Note: This notice is NXP Company Proprietary.

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

Here is your personalized notification about a NXP general announcement.
For detailed information we invite you to view this notification online

Management summary

TJA1042 datasheet update

Change Category

<input type="checkbox"/> Wafer Fab Process	<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Product Marking	<input type="checkbox"/> Test Process	<input type="checkbox"/> Design
<input type="checkbox"/> Wafer Fab Materials	<input type="checkbox"/> Assembly Materials	<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Test Equipment	<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 Location	<input type="checkbox"/> Electrical spec./Test coverage

Firmware Other: Datasheet update

PCN Overview

Description

NXP Product Line In-Vehicle Networking (PL IVN) is updating the datasheet of product TJA1042. Two new product versions (TJA1042BT and TJA1042CT) have been added to the datasheet, and textual and figure updates have been made. No physical or design change has been made to the product.

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 applicable 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 TJA1042 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 TJA1042BT and TJA1042CT products a PPAP is available on request.

Reason

NXP PL IVN wants to properly inform you of the improved datasheet specifications for the TJA1042 product family.

Identification of Affected Products

Product identification does not change

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

No Impact on form, fit, function, reliability or quality

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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Changed Orderable Part#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
TJA1042T,112	935285277112	TJA1042T	HS-CAN TRANSCEIVER	SO8	SOT96-1	DOD	No	BLC1
TJA1042T,118	935285277118	TJA1042T	HS-CAN TRANSCEIVER	SO8	SOT96-1	RFS	No	BLC1
TJA1042T/1U	935302719112	TJA1042T/1	HS-CAN TRANSCEIVER	SO8	SOT96-1	DOD	No	BLC1
TJA1042T/1J	935302719118	TJA1042T/1	HS-CAN TRANSCEIVER	SO8	SOT96-1	RFS	No	BLC1
TJA1042T/3,112	935285279112	TJA1042T/3	HS-CAN TRANSCEIVER	SO8	SOT96-1	DOD	No	BLC1
TJA1042T/3,118	935285279118	TJA1042T/3	HS-CAN TRANSCEIVER	SO8	SOT96-1	RFS	No	BLC1
TJA1042T/3/1U	935302721112	TJA1042T/3/1	HS-CAN TRANSCEIVER	SO8	SOT96-1	DOD	No	BLC1
TJA1042T/3/1J	935302721118	TJA1042T/3/1	HS-CAN TRANSCEIVER	SO8	SOT96-1	RFS	No	BLC1
TJA1042T/3/CM,118	935295727118	TJA1042T/3/CM	HS-CAN TRANSCEIVER	SO8	SOT96-1	RFS	No	BLC1
TJA1042T/CM,118	935295726118	TJA1042T/CM	HS-CAN TRANSCEIVER	SO8	SOT96-1	RFS	No	BLC1
TJA1042TK/3,118	935285293118	TJA1042TK/3	HS-CAN TRANSCEIVER	H(V)SON8WF	SOT782-1	RFS	No	BLC1
TJA1042TK/3/1J	935302716118	TJA1042TK/3/1	HS-CAN TRANSCEIVER	H(V)SON8WF	SOT782-1	RFS	No	BLC1
TJA1042U,027	935288947027	TJA1042U	HS-CAN TRANSCEIVER			RFS	No	BLC1
TJA1042U,029	935288947029	TJA1042U	HS-CAN TRANSCEIVER			RFS	No	BLC1