



## Customer Information Notification

202302006I : TJA1028 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

TJA1028 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 TJA1028. Four new product versions (TJA1028AT, TJA1028BT, TJA1028CT and TJA1028DT) 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 TJA1028 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 TJA1028A-DT products a PPAP is available on request.

### Reason

NXP PL IVN wants to properly inform you of the improved datasheet specifications for the TJA1028 product family.

**Identification of Affected Products**

Product identification does not change

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

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

**Data Sheet Revision**

A new datasheet will be issued

**Additional information**

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Additional documents: [view online](#)

**Remarks**

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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**

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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:

<b>Name</b>	Kees van Hasselt
<b>Position</b>	Quality Account Manager
<b>e-mail address</b>	ivn.customer.service@nxp.com

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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
TJA1028T/3V3/10,11	935288957112	TJA1028T/3V3/10	LIN SBCs	SO8	SOT96-1	DOD	No	BLC1
TJA1028T/3V3/10:11	935288957118	TJA1028T/3V3/10	LIN SBCs	SO8	SOT96-1	RFS	No	BLC1
TJA1028T/3V3/10/2Z	935307457431	TJA1028T/3V3/10/2	LIN SBCs	SO8	SOT96-1	RFS	No	BLC1
TJA1028T/3V3/20:11	935288956112	TJA1028T/3V3/20	LIN SBCs	SO8	SOT96-1	DOD	No	BLC1
TJA1028T/3V3/20,11	935288956118	TJA1028T/3V3/20	LIN SBCs	SO8	SOT96-1	RFS	No	BLC1
TJA1028T/3V3/20/1U	935302711112	TJA1028T/3V3/20/1	LIN SBCs	SO8	SOT96-1	OBS	No	BLC1
TJA1028T/3V3/20/1J	935302711118	TJA1028T/3V3/20/1	LIN SBCs	SO8	SOT96-1	RFS	No	BLC1
TJA1028T/3V3/20/DZ	935306846431	TJA1028T/3V3/20/2	LIN SBCs	SO8	SOT96-1	RFS	No	BLC1
TJA1028T/5V0/10:11	935288955112	TJA1028T/5V0/10	LIN SBCs	SO8	SOT96-1	DOD	No	BLC1
TJA1028T/5V0/10,11	935288955118	TJA1028T/5V0/10	LIN SBCs	SO8	SOT96-1	RFS	No	BLC1
TJA1028T/5V0/10/2Z	935307455431	TJA1028T/5V0/10/2	LIN SBCs	SO8	SOT96-1	RFS	No	BLC1
TJA1028T/5V0/20,11	935288954112	TJA1028T/5V0/20	LIN SBCs	SO8	SOT96-1	WIT	No	BLC1
TJA1028T/5V0/20:11	935288954118	TJA1028T/5V0/20	LIN SBCs	SO8	SOT96-1	RFS	No	BLC1
TJA1028T/5V0/20/1U	935302709112	TJA1028T/5V0/20/1	LIN SBCs	SO8	SOT96-1	OBS	No	BLC1
TJA1028T/5V0/20/1J	935302709118	TJA1028T/5V0/20/1	LIN SBCs	SO8	SOT96-1	RFS	No	BLC1
TJA1028T/5V0/20/DZ	935306845431	TJA1028T/5V0/20/2	LIN SBCs	SO8	SOT96-1	RFS	No	BLC1
TJA1028TK/3V3/10:1	935288962115	TJA1028TK/3V3/10	LIN SBCs	H(V)SON8WF	SOT782-1	RFS	No	BLC1
TJA1028TK/3V3/10,1	935288962118	TJA1028TK/3V3/10	LIN SBCs	H(V)SON8WF	SOT782-1	RFS	No	BLC1
TJA1028TK/3V3/20:1	935288961115	TJA1028TK/3V3/20	LIN SBCs	H(V)SON8WF	SOT782-1	RFS	No	BLC1
TJA1028TK/3V3/20,1	935288961118	TJA1028TK/3V3/20	LIN SBCs	H(V)SON8WF	SOT782-1	RFS	No	BLC1
TJA1028TK/3V3/20/X	935302713115	TJA1028TK/3V3/20/1	LIN SBCs	H(V)SON8WF	SOT782-1	RFS	No	BLC1
TJA1028TK/3V3/20/J	935302713118	TJA1028TK/3V3/20/1	LIN SBCs	H(V)SON8WF	SOT782-1	RFS	No	BLC1
TJA1028TK/5V0/10:1	935288959115	TJA1028TK/5V0/10	LIN SBCs	H(V)SON8WF	SOT782-1	RFS	No	BLC1
TJA1028TK/5V0/10,1	935288959118	TJA1028TK/5V0/10	LIN SBCs	H(V)SON8WF	SOT782-1	RFS	No	BLC1
TJA1028TK/5V0/10/Z	935382091431	TJA1028TK/5V0/10/2	LIN SBCs	H(V)SON8WF	SOT782-1	RFS	No	BLC1
TJA1028TK/5V0/20:1	935288958115	TJA1028TK/5V0/20	LIN SBCs	H(V)SON8WF	SOT782-1	RFS	No	BLC1
TJA1028TK/5V0/20,1	935288958118	TJA1028TK/5V0/20	LIN SBCs	H(V)SON8WF	SOT782-1	RFS	No	BLC1
TJA1028TK/5V0/20/X	935302712115	TJA1028TK/5V0/20/1	LIN SBCs	H(V)SON8WF	SOT782-1	RFS	No	BLC1
TJA1028TK/5V0/20/J	935302712118	TJA1028TK/5V0/20/1	LIN SBCs	H(V)SON8WF	SOT782-1	RFS	No	BLC1
TJA1028TK/5V0/20AZ	935382092431	TJA1028TK/5V0/20/2	LIN SBCs	H(V)SON8WF	SOT782-1	RFS	No	BLC1