



Customer Information Notification

202402024I : SJA1105PQRS Datasheet Update

Note: This notice is NXP Company Proprietary.

Issue Date: Mar 04, 2024 **Effective date:** Apr 04, 2024

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For detailed information we invite you to view this notification online

Management summary

SJA1105PQRS 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
<input type="checkbox"/> Firmware <input checked="" type="checkbox"/> Other: Datasheet update				

PCN Overview

Description

For Product Line In-Vehicle Networking (PL IVN) the datasheet of product SJA1105PQRS has been updated, with clarifications on:

- Applicability of RGMII-ID support to only 1000 Mbit/s
- Thermal characteristics as they have always been applicable (incorrect numbers provided in previous revision datasheet)

Lastly, a number of editorial changes have been made.

The datasheet's revision history specifies the updates.

Note that no change whatsoever has been made to the product, this announcement is purely about a datasheet update.

Attached to this Customer Information Notification (CIN) are three additional documents:

- The new SJA1105PQRS datasheet, which will also be published on the NXP website (www.nxp.com) one month after the distribution of this CIN to customers
- The ZVEI Delta Qualification Matrix (DeQuMa) for this datasheet update, both in zipped excel and pdf format. The applicable change ID numbers are SEM-DS-01 and SEM-DS-02

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

Reason

NXP PL IVN wants to properly inform you of the updated datasheet specifications for the SJA1105PQRS product.

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 updated datasheet specifications.

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'.

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:

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Position	Quality Account Manager
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NXP Quality Management Team.

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Orderable Part Number#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
SJA1105PELY	935309153518	SJA1105PEL	SWITCH ETHERNET	(L)FBGA159M	SOT1427-1	RFS	No	BLC1
SJA1105QELY	935309154518	SJA1105QEL	SWITCH ETHERNET	(L)FBGA159M	SOT1427-1	RFS	No	BLC1
SJA1105RELY	935309155518	SJA1105REL	SWITCH ETHERNET	(L)FBGA159M	SOT1427-1	RFS	No	BLC1
SJA1105SELY	935309156518	SJA1105SEL	SWITCH ETHERNET	(L)FBGA159M	SOT1427-1	RFS	No	BLC1