



## Customer Information Notification

2017110211

**Issue Date:** 08-Dec-2017

**Effective Date:** 08-Jan-2018

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

Final update on CAN FD for products TJA1042 and TJA1051

## Final CAN FD Update for Products TJA1042 and TJA1051

### Information Notification

Following the release of the ISO 11898-2:2016 and SAE J2284-1 to J2284-5 specifications, the datasheet of the products TJA1042 and TJA1051 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 this product, and a PPAP containing these documents is available on request.

No physical, design or test program change has been made to the TJA1042 or TJA1051 product. Therefore its reliability and functionality is not affected. The improved performance through extended specifications can be guaranteed with the product (design) and test program as is.

The revision history of the datasheet details the changes made. The updated datasheet can be obtained from the NXP e-PCN system you are subscribed to (see instruction below under the heading 'Remarks'). The updated datasheet will be published on the NXP website 30 days after publication of this CIN.

This change 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 11898-2:2016 and SAE J2284-1 to J2284-5 specifications and latest market requirements. This requires a datasheet update.

#### Identification of Affected Products

Product identification as shown in the first line of the top-side marking does not 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
201610016A05	Dec-2016		Introduction of Quad Source
201706001I	08-Sep-2017	06-Dec-2017	Final CAN FD Update for Mantis Products TJA1044, TJA1057 and TJA1046, and Introduction TJA1044 VIO
201710003I	22-Nov-2017	22-Dec-2017	Final CAN FD Update for Product TJA1043

**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](http://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  
**e-mail address** [ivn.customer.service@nxp.com](mailto:ivn.customer.service@nxp.com)

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NXP Quality Management Team.

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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Outline	Package Name	Status	Product Line
TJA1042T,118	935285277118	TJA1042T	HS-CAN TRANSCEIVER	SOT96-1	SO8	RFS	BL Advanced Automotive Analog
TJA1051T/1J	935303565118	TJA1051T/1	HS-CAN TRANSCEIVER	SOT96-1	SO8	RFS	BL Advanced Automotive Analog
TJA1051T/3,112	935285282112	TJA1051T/3	HS-CAN TRANSCEIVER	SOT96-1	SO8	RFS	BL Advanced Automotive Analog
TJA1042T/3/CM,118	935295727118	TJA1042T/3/CM	HS-CAN TRANSCEIVER	SOT96-1	SO8	RFS	BL Advanced Automotive Analog
TJA1051T/3/1J	935303566118	TJA1051T/3/1	HS-CAN TRANSCEIVER	SOT96-1	SO8	RFS	BL Advanced Automotive Analog
TJA1042T/3,118	935285279118	TJA1042T/3	HS-CAN TRANSCEIVER	SOT96-1	SO8	RFS	BL Advanced Automotive Analog
TJA1042TK/3,118	935285293118	TJA1042TK/3	HS-CAN TRANSCEIVER	SOT782-1	HVSON8	RFS	BL Advanced Automotive Analog
TJA1042TK/3/1J	935302716118	TJA1042TK/3/1	HS-CAN TRANSCEIVER	SOT782-1	HVSON8	RFS	BL Advanced Automotive Analog
TJA1051T,112	935285281112	TJA1051T	HS-CAN TRANSCEIVER	SOT96-1	SO8	RFS	BL Advanced Automotive Analog
TJA1051T/E,118	935285283118	TJA1051T/E	HS-CAN TRANSCEIVER	SOT96-1	SO8	RFS	BL Advanced Automotive Analog
TJA1042T/CM,118	935295726118	TJA1042T/CM	HS-CAN TRANSCEIVER	SOT96-1	SO8	RFS	BL Advanced Automotive Analog
TJA1042T/1J	935302719118	TJA1042T/1	HS-CAN TRANSCEIVER	SOT96-1	SO8	RFS	BL Advanced Automotive Analog
TJA1051TK/3,118	935285291118	TJA1051TK/3	HS-CAN TRANSCEIVER	SOT782-1	HVSON8	RFS	BL Advanced Automotive Analog
TJA1051T/CM,118	935295733118	TJA1051T/CM	HS-CAN TRANSCEIVER	SOT96-1	SO8	RFS	BL Advanced Automotive Analog
TJA1042T/3/1J	935302721118	TJA1042T/3/1	HS-CAN TRANSCEIVER	SOT96-1	SO8	RFS	BL Advanced Automotive Analog
TJA1051T/3,118	935285282118	TJA1051T/3	HS-CAN TRANSCEIVER	SOT96-1	SO8	RFS	BL Advanced Automotive Analog
TJA1051T/3/CM,118	935295734118	TJA1051T/3/CM	HS-CAN TRANSCEIVER	SOT96-1	SO8	RFS	BL Advanced Automotive Analog
TJA1051T,118	935285281118	TJA1051T	HS-CAN TRANSCEIVER	SOT96-1	SO8	RFS	BL Advanced Automotive Analog