



## Final Product Change Notification

202002033F01

**Issue Date:** 08-Jul-2020

**Effective Date:** 06-Oct-2020

Here's your personalized quality information concerning products Digi-Key purchased from NXP. For detailed information we invite you to view this notification online



**This notice is NXP Company Proprietary.**

# QUALITY

### Management Summary

Transition from Leadless HVSON Package Product UJA1169 to Successor CAN FD Drop-in Replacement Product UJA1169A

#### Change Category

<input type="checkbox"/> Wafer Fab Process	<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Product Marking	<input type="checkbox"/> Test Location	<input checked="" type="checkbox"/> Design
<input type="checkbox"/> Wafer Fab Materials	<input type="checkbox"/> Assembly Materials	<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Test Process	<input type="checkbox"/> Errata
<input type="checkbox"/> Wafer Fab Location	<input type="checkbox"/> Assembly Location	<input checked="" type="checkbox"/> Packing/Shipping/Labeling	<input type="checkbox"/> Test Equipment	<input checked="" type="checkbox"/> Electrical spec./Test coverage
<input type="checkbox"/> Firmware	<input type="checkbox"/> Other			

Transition from Leadless HVSON Package Product UJA1169 to Successor CAN FD Drop-in Replacement Product UJA1169A

### Description of Change

NXP Product Line In Vehicle Networking (PL IVN) recently informed you via Customer Information Notification (CIN) 2019090131 of three design-related issues affecting products UJA1169. These could potentially affect your application using products UJA1169, and may cause failures or customer returns.

NXP PL IVN now has released the successor products UJA1169A, fulfilling additional CAN FD specifications as required by certain OEMs (5 Mbit/s timing and short Wake Up Pattern (WUP) wake-up time). In these UJA1169A products before-mentioned three issues have been fixed through minor design changes.

This Product Change Notification (PCN) announces the transition from UJA1169 to these drop-in replacements UJA1169A. For the new UJA1169A products the following holds:

- Form: No change
- Fit: No change, UJA1169A is a drop-in replacement for UJA1169
- Function: Improved through fulfillment of additional datasheet CAN FD specifications
- Performance: No change
- Reliability: No change, products UJA1169A are fully AEC-Q100 qualified and released
- Quality: Improved through minor design changes to fix before-mentioned three issues

Three months after this PCN, in October 2020, a separate formal Discontinuation Notification (DN) for the 'old' UJA1169 products will be sent, with a 1-year Last Time Buy (LTB) period, followed by a 1-year Last Time Shipment (LTS) period. This implies that you are required to act on this PCN, as you can no longer order the current UJA1169 products after this period.

Attached to this PCN are documents that enable you to assess the change (qualification):

- A document with details on the change:
  - Between UJA1169 and UJA1169A datasheets
  - A migration guide, describing the drop-in replacement of UJA1169 with UJA1169A in your application
- A full AEC-Q100 qualification report for products UJA1169A
- The UJA1169A datasheet
- The ZVEI Delta Qualification Matrix (DeQuMa) for this change

PPAPs and samples of products UJA1169A are available on request. This information should enable you to transition to the new UJA1169A products with a minor, if any, delta qualification.

### Reason for Change

The successor products UJA1169A, fulfilling additional CAN FD specifications as required by certain OEMs, were already planned. These successor products UJA1169A also contain minor design fixes for three issues that could potentially affect your application and may cause failures or customer returns.

The transition from the current products UJA1169 to the successor products UJA1169A, as announced by this Product Change Notification (PCN), is necessary to eliminate the risk for these failures or customer returns and meet the OEM-required additional CAN FD specifications.

### Identification of Affected Products

Top side marking

In the attachment to this PCN it is shown how the product names and the marking changes.

## Product Availability

### Sample Information

Samples are available upon request

### Production

Planned first shipment 01-Oct-2020

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

See above under the heading 'Description of Change'.

### Data Sheet Revision

A new datasheet will be issued

### Disposition of Old Products

Existing inventory will be shipped until depleted

## Related Notifications

### Notification Issue Date Effective Date Title

201909013I	06-Dec-2019	04-Jan-2020	Important Information on Products UJA116x, UJA113x and TJA1145
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## Timing and Logistics

In compliance with JEDEC J-STD-046, your acknowledgement of this change is expected by 07-Aug-2020.

#### 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 documents with relevant detailed information from the tab 'Files':

- An attachment with more detailed description of the change
- An AEC-Q100 reliability results report
- The UJA1169A datasheet
- A ZVEI Delta Qualification Matrix (DeQuMa) for the change, both in pdf and zipped excel format

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'.

#### 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.

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NXP Quality Management Team.

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NXP Semiconductors  
High Tech Campus, 5656 AG Eindhoven, The Netherlands

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#### **Affected OPN**

UJA1169TK/F/3Z

#### **Affected 12NC**

935306635431

#### **Replacement OPN**

UJA1169ATK/F/3Z

#### **Replacement 12NC**

935384037431