



Customer Information Notification

202112022I : TSSOP8 UTL ,431 3NC (Z) Orderable Part Number Release

Note: This notice is NXP Company Proprietary.

Issue Date: Dec 26, 2021 **Effective date:** Dec 27, 2021

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Management summary

Notification of release of TSSOP8 assembled in UTL with Ag Leadframe for P82B96DP, PCA9600DP and PCA9601DP

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 checked="" 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 type="checkbox"/> Other			

PCN Overview

Description

Releasing to 'Roughened' Leadframe option in the same TSSOP8 format. While the Leadframe remains Cu-alloy based, the device will utilize an Ag component in the Pre-plating process (NiPdAuAg vs NiPdAu).

* The only difference between the ,118 (,118) and ,431 (Z) orderable part numbers is the Leadframe plating (material), otherwise all other materials, processes, equipment and personnel is the same as currently used.

* The ,431 (Z) solution remains Dark-Green (RoHS+HF) compliant.

* The ,431 (Z) orderable part number requires a new/different Orderable part number since it requires a 'bagging' procedure since the Roughened Lead Frame utilizes an Ag plate in the PPF process.

Device data sheets are updated with the new orderable part number

The ,431 (Z) orderable part numbers are available as of Dec 2021

Initial samples of the new orderable part number are available if desired by contacting stephen.blozis@nxp.com until they are stocked in NXP eCommerce

* It's important to note the following:

1) there have not been any customer complaints due to delamination, and

2) there are no plans to discontinue the existing orderable parts

Reason

Releasing ,431 (Z orderable part number) pack method to help facilitate supply.

Leadframe availability (and subsequent delivery times) are key drivers in release of the ,431 (Z) orderable part number.

Identification of Affected Products

Replacement part type created, see Parts Affected list

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

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

While there is no impact on Fit, Form, Function, Reliability or Quality, it is recommended that the devices be stored in the 'bagging' (that they are shipped in) between uses.

Data Sheet Revision

A new datasheet will be issued

Disposition of Old Products

Existing inventory will be shipped until depleted

Additional information

Additional documents: [view online](#)

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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Changed Orderable Part#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	New Orderable Part#	12NC New	Product Type New	Product Description New	Product Line	Notes
P82B96DP,118	935276269118	P82B96DP	P82B96	(T)SSOP8	SOT505-1	RFS	No	P82B96DPZ	935276269431	P82B96DP	P82B96	BLC6	
PCA9600DP,118	935285244118	PCA9600DP	PCA9600	(T)SSOP8	SOT505-1	RFS	No	PCA9600DPZ	935285244431	PCA9600DP	PCA9600	BLC6	
PCA9601DP,118	935290859118	PCA9601DP	Dual bidirectional bus buffer	(T)SSOP8	SOT505-1	RFS	No	PCA9601DPZ	935290859431	PCA9601DP	Dual bidirectional bus buffer	BLC6	