

**Final Product Change Notification**

201908003F01

**Issue Date:** 11-Oct-2019  
**Effective Date:** 23-Jan-2020

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



**Change Category**

- |  |  |  |   |   |
|--|--|--|---|---|
| <input type="checkbox"/> Wafer Fab Process   | <input checked="" type="checkbox"/> Assembly Process   | <input type="checkbox"/> Product Marking           | <input type="checkbox"/> Test Location  | <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 Process   | <input type="checkbox"/> Errata                         |
| <input type="checkbox"/> Wafer Fab Location  | <input checked="" type="checkbox"/> Assembly Location  | <input type="checkbox"/> Packing/Shipping/Labeling | <input type="checkbox"/> Test Equipment | <input type="checkbox"/> Electrical spec./Test coverage |

**2nd source CuSn plating and Black Coating for ESD protection diodes**

**Details of this Change**

Introduce Huatian Kunshan (HTKS), China, as second source for CuSn plating, wafer grinding and wafer back side black coating process steps.

Release Nexperia Hamburg (DHAM), Germany, as second source for CuSn plating and wafer grinding process steps (already released process for other product types).

Release Nexperia GuangDong (ATGD), China, as second source for wafer back side black coating process (already released process for other product types).

The new process flows are in addition to current JiangYin ChangDian Advanced Packing (JCAP), China, process flow for dedicated ESD protection devices in SOD962 package.

The diffusion process is kept unchanged.

The design, form and fit remain unchanged.

Testing, sawing and T&R processes remain unchanged at Nexperia GuangDong (ATGD).

Reliability qualification and full electrical characterization was successfully performed.

**Why do we implement this Change**

The implementation of the additional sources will increase production capacity and flexibility to ensure fulfillment of customer demands.

**Identification of Affected Products**

Identification of products is given by Lot number on package box.

**Product Availability**

## Sample Information

Samples are available upon request

## Production

Planned first shipment 23-Jan-2020

### Impact

No impact to the product's functionality anticipated.

## Data Sheet Revision

No impact to existing datasheet

## Disposition of Old Products

2nd sourcing in addition to existing process flow

### Timing and Logistics

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 09-Nov-2019. Lack of acknowledgement of the PCN constitutes acceptance of the change.

### Contact and Support

For all inquiries regarding the ePCN tool application or access issues, please contact Nexperia "Global Quality Support Team".

For all Quality Notification content inquiries, please contact your local Nexperia Sales Support team.

At Nexperia B.V. we are constantly striving to improve our product and processes to ensure they reach the highest possible Quality Standards.

### About Nexperia B.V.

We at Nexperia are the efficiency semiconductor company. We deliver over 90 billion products a year and as such service thousands of global customers, both directly and through our extensive network of channel partners. We are at the heart of billions of electronic devices in the Automotive, Mobile, Industrial, Consumer, Computing, and Communication Infrastructure segments.

You have received this email because you are a designated contact or subscribed to Nexperia Quality Notifications. Nexperia shall not be held liable if this Notification is not correctly distributed within your organization.

This message has been automatically distributed. Please do not reply.

[View Notification](#)

[Subscription](#)

[Support](#)

Nexperia |

Nexperia B.V.

Jonkerbosplein 52 6534 AB Nijmegen, The Netherlands

© 2017 Nexperia. All rights reserved.

Affected Part Number	Affected 12NC
PESD5V0H1BSFYL	934068765315
PESD5V0C1BSFYL	934068766315
PESD3V3X1BCSFYL	934069674315
PESD3V3C1BSFYL	934069617315
PESD5V0X1BCSFYL	934069673315