



## Final Product Change Notification

201509010F01

**Issue Date:** 23-Sep-2015

**Effective Date:** 04-Jan-2016

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

Conversion of the ASMC 4um Bipolar material from 125mm to 150mm

#### Change Category

|   |   |   |  |
|---|---|---|--|
| <input checked="" type="checkbox"/> Wafer Fab process | <input type="checkbox"/> Assembly Process   | <input type="checkbox"/> Product Marking                | <input type="checkbox"/> Design                    |
| <input type="checkbox"/> Wafer Fab materials          | <input type="checkbox"/> Assembly Materials | <input type="checkbox"/> Electrical spec./Test coverage | <input type="checkbox"/> Mechanical Specification  |
| <input type="checkbox"/> Wafer Fab location           | <input type="checkbox"/> Assembly Location  | <input type="checkbox"/> Test Location                  | <input type="checkbox"/> Packing/Shipping/Labeling |

PCA9600 & PCA9601 ASMC 125mm to 150mm conversion

### Details of this Change

The PCA9600 & PCA9601 manufactured on ASMCs 4um Bipolar process converted from the 125mm line to the 150mm line.

No product or process changes occurred, the same mask sets are used in the 150mm material.

Unrelated to the conversion, the ESD rating in the datasheet is being updated to reflect an HBM performance level of 3500v.

### Why do we Implement this Change

ASMC has converted the 125mm to 150mm the line in order to ensure long term deliveries.

The ESD update (to the datasheet) is occurring due to current findings (parts in both 125mm and 150mm) where both pass at the 3500v range but had previously been reported to pass at 4500v.

### Identification of Affected Products

Product will be identifiable as based on box marking/labeling. Top side marking on line 2 in conjunction with a datecode will also provide traceability.

### Product Availability

#### Sample Information

Samples are available from 01-Oct-2015

#### Production

Planned first shipment 01-Jan-2016

### Impact

no impact to the product's functionality anticipated.

#### Data Sheet Revision

A new datasheet will be issued

#### Disposition of Old Products

Existing inventory will be shipped until depleted

## Timing and Logistics

Your acknowledgement of this change, conform JEDEC JESD46 D, is expected till 23-Oct-2015.

## 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** David Bannon  
**Position** Quality Engineering  
**e-mail address** david.bannon@nxp.com

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

Customer Focus, Passion to Win.

NXP Quality Management Team.

## About NXP Semiconductors

NXP Semiconductors N.V. (NASDAQ: NXPI) provides High Performance Mixed Signal and Standard Product solutions that leverage its leading RF, Analog, Power Management, Interface, Security and Digital Processing expertise. These innovations are used in a wide range of automotive, identification, wireless infrastructure, lighting, industrial, mobile, consumer and computing applications.

You have received this email because you are a designated contact or subscribed to NXP's Quality Notifications. NXP 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](#)

[NXP | Privacy Policy | Terms of Use](#)

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

© 2006-2010 NXP Semiconductors. All rights reserved.