



## Customer Information Notification

2014090111

**Issue Date:** 19-Sep-2014

**Effective Date:** 01-Oct-2014

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

PCAL6416AEX Top Side marking improvement.

### Change Category

<input type="checkbox"/> Wafer Fab process	<input type="checkbox"/> Assembly Process	<input checked="" 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

## PCAL6416AEX Top Side marking improvement

### Information Notification

Introduce a top side marking improvement by implementing a minor modification.

Current topside marking of the PCAL6416AEX is L16.

- Bar codes exist on the package to provide indication of Year and Month.

To better align with other packages in the family and provide improved traceability, the marking will be enhanced with a minor modification.

Where the current marking (as of Sept 2014) uses a non-changing 'L16', the improved version will use the format as indicated L6[W].

Improved marking will use the same bar coding for Year and Month coding, but will have the Part Type truncated to two chars (L6)

allowing NXP to incorporate a rotating 3rd char as seen in the [W] position. The W will represent the Week number of the NXP Month

and as such rotate through the weeks of the month (1-5), providing an improved level of traceability

### Why do we issue this Information Notification

Provide the customer and NXP with improved traceability.

### Identification of Affected Products

Top side marking

## 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

## 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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Customer Focus, Passion to Win.

NXP Quality Management Team.

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