



## Advance Product Change Notification

201409012A

**Issue Date:** 19-Sep-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

### Change Category

- |  |   |   |  |
|--|---|---|--|
| <input 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 checked="" type="checkbox"/> Wafer Fab location | <input type="checkbox"/> Assembly Location  | <input type="checkbox"/> Test Location                  | <input type="checkbox"/> Packing/Shipping/Labeling |

Introduce Manchester UK as a source for TrenchMOS 6 LFPK56 & LFPK56D Auto Products

### Details of this Planned Change

Products made using the T6 TrenchMOS silicon process sourced from Global Foundries, Singapore, have been qualified in to the NXP Manchester UK Fab.

#### Why do we Plan this Change

Further to the introduction of T6 supplied from Singapore, NXP is now extending this source capability to the latest T6 designs in automotive packages from the Manchester fab. Manchester will be the primary diffusion site from January 2015.

#### Identification of Affected Products

Top side marking

Devices from Manchester will be identified by 'E'

### Product Availability

#### Sample Information

Samples availability differs by product - see attached sample plan

Samples availability, please refer to section14 of the attached.

#### Production

Planned first shipment 01-Jan-2015

### Impact

no impact to the product's functionality anticipated.

- The constituent layers and the physical dimensions of finished devices will be identical.
- The finished products will be electrically equivalent on all parameters, both static and dynamic.

#### **Data Sheet Revision**

No impact to existing datasheet

#### **Disposition of Old Products**

N/A

#### **Timing and Logistics**

The Self Qualification Report will be ready on 17-Nov-2014.

The Final PCN is planned to be issued on: 17-Nov-2014.

Your acknowledgement of this change, conform JEDEC JESD46 D, is expected till 19-Oct-2014.

#### **Remarks**

Samples of Manchester product can be requested via [t6.sample@nxp.com](mailto:t6.sample@nxp.com)

#### **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:

**e-mail address** [t6.sample@nxp.com](mailto:t6.sample@nxp.com)

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Customer Focus, Passion to Win.

NXP Quality Management Team.

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