



## Advance Product Change Notification

201406006A

**Issue Date:** 09-Jun-2014

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# 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 T6 Trench MOS Auto products

### Details of this Planned Change

SOT78/226/404 products made using the T6 Trench MOS Auto silicon process sourced from Global Foundries, Singapore, are being qualified in to the NXP Manchester UK Fab.

#### Why do we Plan this Change

Further to the introduction of dual source supply of T6 Standard MOS products from Singapore and Manchester, NXP is now extending this sourcing capability to the latest T6 designs for Automotive products.

#### 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

#### Production

Planned first shipment 01-Oct-2014

### 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 01-Jul-2014.

The Final PCN is planned to be issued on: 01-Jul-2014.

Your acknowledgement of this change, conform JEDEC JESD46 D, is expected till 09-Jul-2014.

### 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.

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