

Final Product Change Notification

201812006F01

Issue Date: 31-Dec-2018

Effective Date: 31-Mar-2019

Dear *Emma Tempest*,

Here's your personalized quality information concerning products Premier Farnell PLC purchased from Nexperia.

For detailed information we invite you to [view this notification online](#)



Change Category

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

Dual Sourcing of Diffusion for Trench 6 MOSFET Product

Details of this Change

To improve supply security Nexperia have qualified additional wafer processing and wafer test for Trench 6 LPAK automotive types at Vanguard International Semiconductors, Taiwan. Nexperia will continue to use Nexperia, Manchester, UK for wafer diffusion along with Vanguard. Assembly and final test is unchanged at Nexperia, Cabuyao, Philippines.

Why do we Implement this Change

To meet customer expectations for second sourcing as a business contingency. From implementation date Nexperia will have increased supply security provided by multiple manufacturing locations.

Identification of Affected Products

Top side marking

Diffusion location identified on the 3rd line of marking, PEm for Manchester (DMAN) and Prm for Vanguard (VIS)

Product Availability

Sample Information

Samples are available upon request

Production

Planned first shipment 01-Jul-2019

Impact

no impact to the product's functionality anticipated.

Data Sheet Revision

No impact to existing datasheet

Disposition of Old Products

N/A

Additional information

Affected products and sales history information: see attached file

Self qualification: [view online](#)

Additional documents: [view online](#)

Timing and Logistics

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 30-Jan-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.

For specific questions on this notice or the products affected please contact our specialist directly:

e-mail address PCN-MOS@nexperia.com

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 70 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.

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