

Final Product Change Notification

201911007F01

Issue Date: 31-Dec-2019
Effective Date: 30-Mar-2020
 Dear *Patricio Gomez Bello*,

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](#)



Management Summary

Re-layout of die for products assembled in SOT353 package in ATSN (Nexperia Assembly & Test Plant Seremban Malaysia)

Change Category

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

Bond-pad relocation for products assembled in SOT353 in ATSN, Malaysia

Details of this Change

Bond-pad relocation for products assembled in SOT353 in ATSN (Nexperia Assembly & Test Plant Seremban Malaysia)

- Created optimized die for SOT353 package
- Improved die aspect ratio and bond-pad relocation to improve intrinsic quality for wire-bond process
- Identical IP used resulting in same performance as existing die
- No change in diffusion fab, assembly location or ordering part number

Why do we Implement this Change

To improve the intrinsic quality

Identification of Affected Products

The changed products can be identified by backward traceability of the product marking date code as well as on the reel and box labels

Product Availability

Sample Information

Samples are available upon request

Samples are available upon request from the Logic sample store Nijmegen The Netherlands

Production

Planned first shipment 30-Mar-2020

Impact

No change in form, fit, function, quality or reliability anticipated

No change in electrical distribution

No change in data sheet and test limits

No assembly location change

No fab location change

Data Sheet Revision

No impact to existing datasheet

Disposition of Old Products

Existing inventory will be shipped until depleted

Additional information

Affected products and sales history information: see attached file

Self qualification: [view online](#)



Timing and Logistics

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 30-Jan-2020. 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-Logic@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 90 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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