

Final Product Change Notification

201911004F01

Issue Date: 31-Dec-2019
Effective Date: 30-Mar-2020
 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](#)



Management Summary

- Introduce new matrix Lead frame for the SO16 (SOT109) package at ASEN (Suzhou, China)
- For the remaining SO16 (SOT109) product types (Phase 2)

Change Category

- | | | | | |
|--|--|--|---|---|
| <input type="checkbox"/> Wafer Fab Process | <input checked="" type="checkbox"/> Assembly Process | <input type="checkbox"/> Product Marking | <input 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 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 |

Introduce new matrix Lead frame for the SO16 (SOT109) package at ASEN (Phase 2)

Details of this Change

Introduce new matrix Lead frame for the SO16 (SOT109) package at ASEN (ASE Group, Assembly & Test Plant Suzhou, China)

- Introduce IDF high density leadframe with locking holes for improved package quality
- Only for the remaining SO16 (SOT109) product types (Phase 2) See affected product type list
- Related notification (Previous PCN # 201711001F01) is fully implemented

Why do we Implement this Change

- Capacity expansion in ASEN
- Quality improvement

Identification of Affected Products

Product identification does not change

The leadframe change can be identified by backward traceability of the product marking date code ASEN assembly location indicator suffix = "X", which is indicated on the reel and box label

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 datasheet, form, fit, function, quality or reliability anticipated
- No change in ordering code 12NC's and product type number

Data Sheet Revision

No impact to existing datasheet

Disposition of Old Products

Not applicable, capacity expansion

Related Notifications

Notification Issue Date Effective DateTitle

201711001F0121-Jan-2018	21-Apr-2018	Introduce new matrix Lead frame for the SO16 (SOT109) package at ASEN (Suzhou, China)
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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.

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