



Final Product Change Notification

201711001F01

Issue Date: 21-Jan-2018

Effective Date: 21-Apr-2018

Dear *Product Data*,

Here's your personalized quality information concerning products Mouser Electronics 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)

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 (Suzhou, China)

Details of this Change

Introduce new matrix Lead frame for the SO16 (SOT109) package at ASEN (Suzhou, China)

- Introduce IDF high density leadframe with locking holes for improved package quality

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-2018

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

Additional information

Self qualification: [view online](#)

Timing and Logistics

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 20-Feb-2018. 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:

Name	Logic Customer Support
e-mail address	logic.helpdesk@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.

Nexperia B.V.
Jonkerbosplein 52 6534 AB Nijmegen, The Netherlands
© 2017 Nexperia. All rights reserved.