

**Final Product Change Notification**

202006003F01

**Issue Date:** 01-Oct-2020  
**Effective Date:** 30-Mar-2021  
 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**

- Extend the package portfolio with the VSSOP8 (SOT765) package in addition to already released DHVQFN14/16/20/24, SO14/16/20 and TSSOP8/10/14/16/20/24/48 packages in ASEN
- For automotive products

**Change Category**

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

**Transfer of the VSSOP8 (SOT765) package to ASEN (ASE Group, Plant Suzhou China)**

**Details of this Change**

Transfer of the VSSOP8 (SOT765) package from HANA (Hana Semiconductor Ayutthaya Thailand) to ASEN (ASE Group, Plant Suzhou China) for automotive products

- Cu wire BOM selected to introduce zero delamination and Dark-Green (Halogen-free) products
- No change of die
- No change in datasheet, form, fit, function, quality or reliability anticipated

Qualification in accordance to the Automotive Electronics Council:

- AEC-Q100-rev. H Stress Test Qualification for Integrated Circuits
- AEC-Q006-rev. A Qualification requirements for Cu wire interconnection

### Why do we Implement this Change

- Expansion of the package portfolio in ASEN
- Complete transfer to Dark-Green (Halogen-free) products
- Continuous quality improvement for legacy package by introducing zero delamination

### Identification of Affected Products

- The traceability is given by the assembly location indicator suffix which is indicated on the reel and box label
- The change can be identified by backward traceability

### Product Availability

#### Sample Information

Samples are available upon request

Samples are available upon request via Helpdesk+ from BG Analog & Logic ICs sample store in Nijmegen The Netherlands

#### Production

Planned first shipment 30-Mar-2021

### Impact

- No change in form, fit, function, quality or reliability anticipated
- No change in die (same electrical distribution)
- No change in datasheet and test limits

### Data Sheet Revision

No impact to existing datasheet

### Disposition of Old Products

Existing inventory will be shipped until depleted

### Related Notifications

Notification	Issue Date	Effective Date	Title
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202004003F0120	Jun-2020	18-Sep-2020	Transfer of the VSSOP8 (SOT765) package to ASEN (ASE Group, Plant Suzhou China)
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### 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-Oct-2020. Lack of acknowledgement of the PCN constitutes acceptance of the change.

### Remarks

Assembly location indicator suffix on the reel and box label:

"X"= ASEN (ASE Group Assembly & Test Plant Suzhou China)

"p"= HANA (Hana Semiconductor Ayutthaya Thailand)

This notification is the second and final phase and is applicable for automotive customers

### 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](mailto: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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