

Product / Process Change Notification

2014-10-15

OS-PCN-2014-031-A

Dear Customer,

please find attached our OSRAM OS PCN:

“Introduction of new glue for ceramic attach”

Important information for your attention:

- Please respond to this PCN by indicating your decision on the approval form, sign it and return to your sales partner before **November 20th, 2014**.
- OSRAM OS aligns with the widely-recognized JEDEC STANDARD “JESD46-B“, which stipulates: “Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change”.

Your prompt reply will help OSRAM OS to assure a smooth and well executed transition. If OSRAM OS does not hear from your side by the due date, we will assume your full acceptance to this proposed change and its implementation.

Your attention and response to this matter is greatly appreciated.

Please direct your inquiry to your local Sales office.

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|--------------------------------|--|---|
| SUBJECT OF CHANGE: | Introduction of new glue for ceramic attach | |
| PRODUCTS AFFECTED: | SFH 4750, LE UW E3A | |
| REASON OF CHANGE: | Discontinuation of glue for ceramic attach by glue supplier | |
| DESCRIPTION OF CHANGE: | OLD Glue from supplier 1 (USA) | NEW Glue from supplier 2 (Japan) Supplier and glue type is already released at OSRAM OS for OSRAM Ostar products |
| PRODUCT IDENTIFICATION: | Data matrix code laser marked on product | |
| TIME SCHEDULE: | Final qualification report | Available see 3_cip_OS-PCN-2014-031-A_Qual_Data |
| | Samples available | available |
| | Production release | December 2014 |
| | Start of delivery | January 2015 or earlier if released by customer |
| ASSESSMENT: | Supplier is already released at OSRAM OS for automotive application No change in product data sheet No change in reliability | |
| DOCUMENTATION: | 2_cip_OS-PCN-2014-031-A 3_cip_OS-PCN-2014-031-A_Qual_Data | |

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Customer Approval Form

Introduction of new glue for ceramic attach

Please list product(s) affected in your application(s):

.....

Please check the appropriate box below:

We agree with the proposed change and accept start of shipment upon availability of new version.

We have objections:

.....

We need more information:

.....

We need the following samples:

.....

Sender: Company: Name:

Address/Location:.....

Signature Date

Please return to your Sales partner: Name:

Address/Location:

TELEPHONE FAX E-MAIL

Products Affected by Product Change Notification

Number: OS-PCN-2014-031-A

Name: Introduction of new glue for ceramic attach

Release Date: 10/15/2014

Response Due Date: 11/20/2014

Implementation Date: 1/20/2015

| <i>Product</i> | <i>QNumber</i> | <i>QNumber Description</i> | <i>Part Number</i> |
|----------------|----------------|----------------------------|---------------------|
| LE UW E3A | Q65111A0013 | LE UW E3A-PXQZ-ERJV | LE UW E3A-PXQZ-ERJV |
| | Q65111A0027 | LE UW E3A-QXQZ-ERJV | LE UW E3A-QXQZ-ERJV |
| SFH 4750 | Q65110A8280 | SFH 4750 | SFH 4750 |