

Light is OSRAM



15.07.2020

Dear Customer,

please find attached our OSRAM OS PCN:

OS-PCN-2020-013-A

Introduction of Backend production location Wuxi for premolded detector products and other changes

Important information for your attention:

Please review the **Customer approval form** at the end of the document and provide your feedback to your OSRAM OS sales partner before **20.08.2020**. *)

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 (if you are a Distributor: and your customer's) full acceptance to this proposed change and its implementation.

OSRAM OS understands the time requirements your organization needs to approve this PCN. However, if you can provide OSRAM OS an estimated date your organization will approve this PCN, OSRAM OS can use this date to plan continued production to secure your order needs during the transition time you require to review and approve this PCN.

Your attention and response to this matter is highly appreciated.

Please direct your inquiries to your local Sales office.

*) OSRAM OS aligns with the widely-recognized JEDEC STANDARD "JESD46-C", which stipulates:

- "Customers should acknowledge receipt of the PCN within 30 days of delivery of the PCN."
- "Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change."
- "After acknowledgement, lack of additional response within the 90 day period constitutes acceptance of the change. An acceptance or concern response should be submitted to the supplier in a timely fashion, (i.e., customer should not wait to the end of the 90 day review period before responding, if the response is known before that time.)"

OS-PCN-2020-013-A

Introduction of Backend production location Wuxi for premolded detector products and other changes

Subject of change:	Introduction of Backend production location Wuxi for premolded detector products and other changes	
Affected products	Sideled: SFH 325, SFH 325 FA, SFH 325 FAG Topled: SFH 320, SFH 320 FA, SFH 320G	
Reason for change:	All products: To secure continuous supply. To increase production capacity. Only SFH 320G: Harmonization of plating composition. Harmonization of casting resin with higher glass transition temperature (Tg).	
Description of change (all products)	<u>Current status</u> Production location Penang/Malaysia	<u>New status</u> Production location Wuxi/China <u>Or:</u> Production location Penang/Malaysia

Description of change (only SFH 320G)	<u>Current status</u> Production location Penang/Malaysia: NiAu-plated leadframe + NiSn-plating finish	<u>New status</u> Production location Wuxi/China: NiPdAu-plated leadframe + No NiSn-plating finish
	Current casting resin with Tg ~ 115°C	New casting resin with Tg ~ 135°C
		<u>or:</u> Production location Penang/Malaysia: NiAu-plated leadframe + NiSn-plating finish
		Current casting resin with Tg ~ 115°C
Previous backend production location for above mentioned products might be phased out after customer approval of new location without further information to customer For details please refer to Customer information package 2_cip_OS-PCN-2020-013-A		
Product identification:	Date code / Laser marking on device	
Time schedule for PCN material (after implementation of change):	Final qualification report	15.07.2020
	Samples available	15.07.2020
	Intended Start of delivery	15.10.2020 ^{*)} ^{*)} or earlier if released by customer and upon mutual agreement
Time schedule for Pre-PCN material (prior to implementation of change):	Last time order date (LTO)	15.11.2020 ^{**)} ^{**)} expected approval date needs to be available at this time. Lead time and LTO quantity shall be mutually agreed between OSRAM OS and customer.
	Last time delivery date (LTD)	15.02.2021 ^{***)} ^{***)} planned last date for delivery of products of current status
Assessment:	no change in fit, function and reliability, except of plating and resin change for SFH 320G no change in product data sheet	
Documentation:	2_cip_OS-PCN-2020-013-A_ext 3_cip_OS-PCN-2020-013-A_qual_320G_ext	

3_cip_OS-PCN-2020-013-A_qual_320_ext
3_cip_OS-PCN-2020-013-A_qual_325FAG_ext
3_cip_OS-PCN-2020-013-A_qual_325_ext

Note:

Pre-PCN material: Products of current status, means before implementation of the changes as described in the PCN.

PCN material: Products with implementation of the changes as described in the PCN.

Customer feedback form

OS-PCN-2020-013-A

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

Please check the appropriate box below:

- | | |
|---|---|
| <input type="radio"/> Approval:
We agree with the proposed change and accept start of the shipment upon availability of PCN material. | <input type="radio"/> Not relevant:
Change is not relevant for products in use. |
|---|---|
-
- ☐ **Change cannot be accepted:**
- ☐ **We have objections:**
 - ☐ **We request following Information:**
 - ☐ **We request following Samples:**
 - ☐ **Expected approval date:** dd.mm.yyyy
 - ☐ **Volume requirements for Pre-PCN material:**

Sender:

Company:

Address / Location:

Signature:

Date:

Please return this approval form to your Sales partner.

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GmbH

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