

Light is OSRAM

15.07.2021

Dear Customer,

please find attached our OSRAM OS PCN:

## OS-PCN-2021-019-A Standardization of ceramic substrate processing method for same OSRAM OSTAR® Stage product family

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 **20.08.2021**. \*)

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-2021-019-A

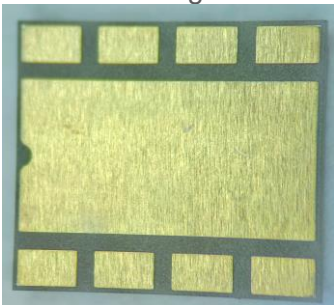
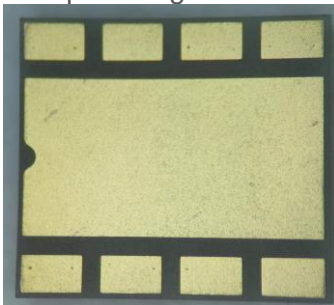
## Standardization of ceramic substrate processing method for same OSRAM OSTAR® Stage product family

**Subject of change:** Standardization of ceramic substrate processing method for same OSRAM OSTAR® Stage product family.

**Affected products** LE RTDUW S2WP  
LE UW S2WP

**Reason for change:**

- Standardization of ceramic substrate with metallization processing method for the same OSRAM OSTAR® product family
- To ensure long term material supply on same type of ceramic substrate

	<u>Current status</u>	<u>New status</u>
<b>Description of change</b>	<p>surface finishing processes with burnishing method</p> 	<p>surface finishing processes with polishing method</p> 

For details please refer to 2\_cip\_OS-PCN-2021-019-A

**Product identification:** Date code / Laser marking on device

<b>Time schedule for PCN material</b> (after implementation of change):	Final qualification report	21.06.2021
	Samples available	15.09.2021
	Intended Start of delivery	01.12.2021 <sup>*)</sup> *) or earlier if released by customer and upon mutual agreement
<b>Time schedule for Pre-PCN material</b> (prior to implementation of change):	Last time order date (LTO)	09.08.2021 <sup>**) )</sup> <sup>**) expected approval date needs to be available at this time. Lead time and LTO quantity shall be mutually agreed between OSRAM OS and customer.</sup>
	Last time delivery date (LTD)	30.11.2021 <sup>***) )</sup> <sup>***) planned last date for delivery of products of current status</sup>
<b>Assessment:</b>	No change in product function and reliability	
<b>Documentation:</b>	2_cip_OS-PCN-2021-019-A 3_cip_OS-PCN-2021-019-A_Qual	

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 approval form

OS-PCN-2021-019-A

Standardization of ceramic substrate processing method for same OSRAM OSTAR® Stage product family

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

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Please check the appropriate box below:

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

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Sender:

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Company:

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Address / Location:

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Signature:

Date:

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Please return this approval form to your Sales partner.

OSRAM Opto Semiconductors  
GmbH

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**OSRAM**  
Opto Semiconductors

Notifcication	Q-Number	Q-Description
OS-PCN-2021-019-A	Q65111A6297	LE RTDUW S2WP
OS-PCN-2021-019-A	Q65111A6297	LE RTDUW S2WP
OS-PCN-2021-019-A	Q65111A6297	LE RTDUW S2WP
OS-PCN-2021-019-A	Q65112A5453	LE UW S2WP-RASA-BQ-0-A40-R18
OS-PCN-2021-019-A	Q65112A7618	LE UW S2WP-RBSB-BQ-0-A40-R18
OS-PCN-2021-019-A	Q65112A0542	LERTDUWS2WP-KBMA+1-MBNB-4+AABA-3+NAPA-BQ
OS-PCN-2021-019-A	Q65112A0542	LERTDUWS2WP-KBMA+1-MBNB-4+AABA-3+NAPA-BQ
OS-PCN-2021-019-A	Q65112A0542	LERTDUWS2WP-KBMA+1-MBNB-4+AABA-3+NAPA-BQ
OS-PCN-2021-019-A	Q65111A7189	LERTDUWS2WP-KBMA+1-MBNB-P+AABA-3+NAPA-BQ
OS-PCN-2021-019-A	Q65111A7189	LERTDUWS2WP-KBMA+1-MBNB-P+AABA-3+NAPA-BQ
OS-PCN-2021-019-A	Q65111A7189	LERTDUWS2WP-KBMA+1-MBNB-P+AABA-3+NAPA-BQ
OS-PCN-2021-019-A	Q65111A7189	LERTDUWS2WP-KBMA+1-MBNB-P+AABA-3+NAPA-BQ
OS-PCN-2021-019-A	Q65113A2427	LERTDUWS2WP-LAMA+1-NANB-P+ABBA-3+NBPA-BQ
OS-PCN-2021-019-A	Q65112A8605	LERTDUWS2WP-LAMA-1+NANB-3+ABBA-3+NBPA-BQ
OS-PCN-2021-019-A	Q65112A8605	LERTDUWS2WP-LAMA-1+NANB-3+ABBA-3+NBPA-BQ
OS-PCN-2021-019-A	Q65112A5673	LERTDUWS2WP-LAMA-1+NANB-3+ABBA-4+NBPA-BQ
OS-PCN-2021-019-A	Q65112A5673	LERTDUWS2WP-LAMA-1+NANB-3+ABBA-4+NBPA-BQ
OS-PCN-2021-019-A	Q65112A5673	LERTDUWS2WP-LAMA-1+NANB-3+ABBA-4+NBPA-BQ
OS-PCN-2021-019-A	Q65112A5673	LERTDUWS2WP-LAMA-1+NANB-3+ABBA-4+NBPA-BQ
OS-PCN-2021-019-A	Q65113A1400	LERTDUWS2WP-LAMA-1+NANB-4+ABBA-3+NBPA-BQ
OS-PCN-2021-019-A	Q65113A1400	LERTDUWS2WP-LAMA-1+NANB-4+ABBA-3+NBPA-BQ
OS-PCN-2021-019-A	Q65112A5475	LERTDUWS2WP-LAMB-1+NAPA-P+ABBB-P+NBPB-BQ
OS-PCN-2021-019-A	Q65112A5475	LERTDUWS2WP-LAMB-1+NAPA-P+ABBB-P+NBPB-BQ
OS-PCN-2021-019-A	Q65112A5475	LERTDUWS2WP-LAMB-1+NAPA-P+ABBB-P+NBPB-BQ
OS-PCN-2021-019-A	Q65112A5475	LERTDUWS2WP-LAMB-1+NAPA-P+ABBB-P+NBPB-BQ
OS-PCN-2021-019-A	Q65113A0893	LERTDUWS2WP-LBMA+1-NANB-4+BABB-3+PAPB-BQ