

PCN

AO-PCN-2023-004-A

Introduction of new chip for Chip
LED SFH 5711, SFH 2770 A01
and TOPLED SFH 2270R product
family

15.03.2024

Dear Customer,

please review this **PCN** and provide your feedback in the **Customer approval form** (at the end of this PCN document) to your ams OSRAM sales partner before **22.04.2024**.

Your prompt reply will help ams OSRAM to assure a smooth and well executed transition. If ams OSRAM 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.

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

Your attention and response to this matter is highly appreciated.

Please direct your inquiries to your local Sales office.

- *) ams OSRAM aligns with the widely recognized JEDEC/ECIA/IPC Joint Standard No. 46, 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. If the customer requires additional time to perform sample testing, beyond the 90 day review period, an extension must be negotiated with the supplier.

Subject of change:	Introduction of new chip for Chip LED SFH 5711, SFH 2770 A01 and TOPLED SFH 2270R product family	
Affected products:	Chip LED: SFH 5711, SFH 2770 A01 TOPLED: SFH 2270R	
Reason for change:	Current chip in use will be discontinued. New chip will be introduced to support future demands.	
Description of change:	<u>Current status</u> ams OSRAM International Regensburg / Germany	<u>New status</u> Supplier / Taiwan
		
	Wafer diameter: 100mm Chip size: 400µm x 400µm x 220µm	Wafer diameter: 100mm Chip size: 400µm x 400µm x 220µm
	For details refer to document 2_cip_AO-PCN-2023-004-A_ext.	
Product identification:	Date code	
Time schedule for PCN material: (after implementation of change):	Final qualification report:	available
	Samples available:	yes
	Intended Start of delivery:	15.06.2024 ^{*)} *) 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):	15.09.2024 ^{**)} **) Lead time and LTO quantity shall be mutually agreed between ams OSRAM and customer.
	Last time delivery date (LTD):	15.03.2025 ^{***)} ***) planned last date for delivery of products of current status
Assessment:	The datasheet contents were reviewed and corrected accordingly (modifications were independent from the chip in use).	
	Customer information package: 2_cip_AO-PCN-2024-004-A_ext	
Documentation:	Qualification Reports: 3_qual_AO-PCN-2024-004-A_SF5711_ext 4_qual_AO-PCN-2024-004-A_SF2xxx_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 approval form AO-PCN-2023-004-A

Introduction of new chip for Chip LED SFH 5711, SFH 2770 A01 and TOPLED SFH 2270R product family

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

Please check the appropriate box below:

- | | |
|--|---|
| ☐ Approval:
We agree with the proposed change and accept start of the shipment upon availability of PCN material | ☐ 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:**
- ☐ **Volume requirements for Pre-PCN material:**

☐ **Remarks:**

Sender:

Company:

Address / Location:

Signature:

Date:

Please return this approval form to your Sales partner.

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Material (Q-no.)	MDQ1	Product Family Name	Device Family
Q65110A9911	SFH 2270R	TOPLED	SFH 2270R
Q65110A9911	SFH 2270R	TOPLED	SFH 2270R
Q65113A2349	SFH 2770 A01	Chip LED	SFH 2770 A01
Q65110A5908	SFH 5711-1/2-Z	Chip LED	SFH 5711
Q65112A2568	SFH 5711-2/3 R33	Chip LED	SFH 5711
Q65110A4513	SFH 5711-2/3-Z	Chip LED	SFH 5711
Q65112A5583	SFH 5711-2/3-Z C1016	Chip LED	SFH 5711
Q65110A5909	SFH 5711-3/4-Z	Chip LED	SFH 5711