PCN

AO-PCN-2023-002-A

Introduction of 6” InGaAlP Thinfilm Chip for Micro SIDELED 3010

Published by ams-OSRAM AG
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15.10.2023

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 **22.11.2023** *).

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 6'' InGaAlP Thinfilm Chip for Micro SIDELED 3010	
Affected products:	Refer to document 2_cip_AO-PCN-2023-002-A	
Reason for change:	• Secure continuous supply • Introduction of latest 6" chip technology • Brightness increase • Update of datasheet to latest format • Harmonization of production line for all Micro Sideled	
Description of change:	Current status • Schematic design • Wafer size: 100mm • Chip carrier substrate: Ge • Chip size: 250 x 250 µm • Height: 150µm • Wire diameter: 30µm	New status • Schematic design • Wafer size: 150mm • Chip carrier substrate: Si • Chip size: 175 x 175 µm • Height: 120µm • Wire diameter: 30µm, 25µm
	For details refer to document 2_cip_AO-PCN-2023-002-A	
Product identification:	e.g. Date code / Laser marking on device	
Time schedule for PCN material: (after implementation of change):	Final qualification report:	15.10.2023
	Samples available:	On request
	Intended Start of delivery:	01.03.2024 *) *) 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):	30.04.2024 **) **) Lead time and LTO quantity shall be mutually agreed between ams OSRAM and customer.
	Last time delivery date (LTD):	30.06.2024 ***) ***) planned last date for delivery of products of current status
Assessment:	No change of product reliability	
Documentation:	Customer information package 2_cip_AO-PCN-2023-002-A 03_Qual_AO-PCN-2023-002-A	

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-2023-002-A

Introduction of 6’’ InGaAlP Thinfilm Chip for Micro SIDELED 3010

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.)	MQD	Product Family Name	Device Family	Status
Q65110A8972	LR Y8SF-U1V2-1-0-20-R18-Z	Micro SIDELED	LR Y8SF	10
Q65111A3618	LR Y8SF-U2V2-1-0-20-R18-Z	Micro SIDELED	LR Y8SF	10
Q65112A5629	LR Y8SF-V1V2-1-0-20-R18-Z	Micro SIDELED	LR Y8SF	10
Q65110A8977	LY Y8SF-U1V2-36-0-20-R18-Z	Micro SIDELED	LY Y8SF	10
Q65111A2190	LY Y8SF-U1V2-35-0-20-R18-Z	Micro SIDELED	LY Y8SF	99
Q65113A0144	LY Y8SF-U2V2-46-0-20-R18-Z	Micro SIDELED	LY Y8SF	10