

PCN

AO-PCN-2023-065-S

Continuous Improvement Process AS5134

31.05.2023

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 **07.07.2023** *).

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:	Continuous Improvement Process AS5134	
Affected products:	180020035 AS5134 SSOP20 LF T&RDP (Q65114A0650) 180020044 AS5134-ZSSM SSOP20 LF T&RDP (Q65114A0651) 180020045 AS5134-ZSST SSOP20 LF T&RDP (Q65114A0652)	
Reason for change:	Further improvement of existing mechanical sawing methodology is no longer possible. Therefore, we will implement a new additional process which is the application of laser groove.	
Description of change:	<u>Current status</u> Micro-cracks originating from the die chip-out caused by mechanical saw blades during wafer sawing process at Assembly.	<u>New status</u> Application of laser groove process prior mechanical saw process.
Time schedule for PCN material: (after implementation of change):	Final qualification report:	30.11.2023
	Samples available:	30.11.2023
	Intended Start of delivery:	29.03.2024
Assessment:	There will be no changes in terms of form, fit, function, quality or reliability.	

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-2023-065-S

Continuous Improvement Process AS5134

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.
<input type="radio"/> Change cannot be accepted:	
<input type="radio"/> We have objections:	
<input type="radio"/> We request following Information:	
<input type="radio"/> We request following Samples:	
<input type="radio"/> Expected approval date:	
<input type="radio"/> Volume requirements for Pre-PCN material:	
<input type="radio"/> Remarks:	

Sender:

Company:

Address / Location:

Signature:

Date:

Please return this approval form to your Sales partner.

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Tobelbader Strasse 30, 8141 Premstaetten, Austria
Phone +43 3136 500-0
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Material (Q-no.)	MQD	Material (11er)	Product Family Name	Device Family
Q65114A0650	AS5134	180020035	AMS	Rotative Motor Control On-Axis
Q65114A0651	AS5134-ZSSM	180020044	AMS	Rotative Motor Control On-Axis
Q65114A0652	AS5134-ZSST	180020045	AMS	Rotative Motor Control On-Axis