

PCN

AO-PCN-2024-010-S

Clear Coating Resist Material Change for the following device groups: AS72XX, TCS3408, TCS34103, TCS3701, TCS3707, TCS3718, TCS3720, TMD3719, TMD3721, TMD37333, TMD3765

15.02.2024

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 **29.03.2024**.

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:

Clear Coating Resist Material Change for the following device groups:
AS72XX, TCS3408, TCS34103, TCS3701, TCS3707, TCS3718,
TCS3720, TMD3719, TMD3721, TMD37333, TMD3765

Affected products:

Product Group	SAP MPN	Q-Code	Description
AS72XX	191960022	Q65114A0840	AS7263-BLGT LGA20 LF T&RDP
AS72XX	191960038	Q65114A0844	AS7261-BLGT LGA20 LF T&RDP
AS72XX	191960042	Q65114A0845	AS7262-BLGT LGA20 LF T&RDP
AS72XX	191960052	Q65114A0847	AS72651-BLGT LGA20 LF T&RDP
AS72XX	191960054	Q65114A0848	AS72652-BLGT LGA20 LF T&RDP
AS72XX	191960056	Q65114A0849	AS72653-BLGT LGA20 LF T&RDP
AS72XX	191960065	Q65114A0850	AS7264N-BLGT LGA20 LF T&RDP
AS72XX	191960067	Q65114A0851	AS7261N-BLGT LGA20 LF T&RDP
AS72XX	191960068	Q65114A0852	AS7261N-BLGM LGA20 LF T&RDP
AS72XX	191960069	Q65114A0853	AS7263-BLGM LGA20 LF T&RDP
AS72XX	191960074	Q65114A0858	AS7261-BLGM LGA20 LF T&RDP
AS72XX	191960075	Q65114A0859	AS7262-BLGM LGA20 LF T&R
AS72XX	191960079	Q65114A2504	AS7264N-BLGM LGA20 LF T&RDP
AS72XX	191960080	Q65114A0860	AS72651-BLGM LGA20 LF T&RDP
AS72XX	191960081	Q65114A0861	AS72652-BLGM LGA20 LF T&RDP
AS72XX	191960082	Q65114A0862	AS72653-BLGM LGA20 LF T&RDP
TCS3408	505460105	Q65114A1169	TCS34083 OQFN12 LF T&RDP
TCS3408	505460106	Q65114A1170	TCS34087S OQFN12 LF T&RDP
TCS3408	505460110	Q65114A1171	TCS34083 OQFN12 LF T&RDP
TCS3408	505460140	Q65114A1176	TCS34087 OQFN12 LF T&RDP
TCS3408	505460141	Q65114A1177	TCS34087M OQFN12 LF T&RDP
TCS3408	505460174	Q65114A1182	TCS34083 OQFN12 LF T&RDP
TCS3408	505460176	Q65114A1183	TCS34087 OQFN12 LF T&RDP
TCS3701	505460028	Q65114A1155	TCS37013H OQFN12 LF T&RDP

TCS3701	505460044	Q65114A1159	TCS37013M OQFN12 LF T&RDP
TCS3701	505460045	Q65114A1160	TCS37073M OQFN12 LF T&RDP
TCS3701	505460058	Q65114A1163	TCS37013SH175H OQFN12 LF T&RDP
TCS3701	505460064	Q65114A1165	TCS37013 OQFN12 T&RDP
TCS3701	505460096	Q65114A1167	TCS37013SH145H OQFN12 LF T&RDP
TCS3701	505460155	Q65114A1178	TCS37013H OQFN12 LF T&RDP
TCS3701	505460160	Q65114A1179	TCS37013H145H OQFN12 LF T&RDP
TCS3701	505460181	Q65113A5978	TCS37013H OQFN12 LF T&RDP
TCS3707	505460029	Q65114A1156	TCS37073 OQFN12 LF T&RDP
TCS3718	510577007	Q65114A1268	TCS37183 OLGA14 LF T&RDP
TCS3718	510577008	Q65114A1269	TCS37183 OLGA14 LF T&RDP
TCS3720	512262006	Q65114A1321	TCS37203 OLGA12 LF T&RDP
TCS3720	512262011	Q65114A1322	TCS37203 OLGA12 LF T&RDP
TCS3720	512262016	Q65114A1323	TCS37203M OLGA12 LF T&RDP
TCS3720	512262017	Q65114A1324	TCS37209 OLGA12 LF T&RDP
TMD3719	510572109	Q65114A1263	TMD37193 OLGA10 LF T&RDP
TMD3719	510572112	Q65114A1265	TMD37193M OLGA10 LF T&RDP
TMD3721	512261006	Q65114A2953	TMD37213 OLGA8 LF T&RDP
TMD3721	512261012	Q65114A2954	TMD37213 OLGA8 LF T&RDP
TMD3721	512261016	Q65114A2955	TMD37213M OLGA8 LF T&RDP
TMD37333	513102466	Q65114A3012	TMD37333 OLGA10 LF T&RDP
TMD37333	513102566	Q65113A6012	TMD37333 OLGA10 LF T&RDP
TMD37333	513102576	Q65113A6997	TMD3733 OLGA10 LF T&RDP
TMD3765	514890010	Q65114A3096	TMD37653 OLGA8 LF T&RDP
TMD3765	514890011	Q65114A3097	TMD37653M OLGA8 LF T&RDP
TMD3765	514890014	Q65113A5961	TMD37653 OLGA8 LF T&RDP
TMD3765	516002005	Q65113A6395, Q65113A6446	TMD37653 OLGA8 LF T&RDP

Reason for change: In response to supply concerns arising from the REACH restriction update and raw material discontinuation, we are introducing a clear coating resist material change. Our resist supplier (FFEM) is phasing out the original material - CT-3050L-2. Together with FFEM we have thoroughly evaluated alternatives and propose replacing it with CT-3300, which has demonstrated nearly identical material performance. Surface uniformity and striation performance remain comparable to the existing material, ensuring same quality and a seamless transition.

	<u>Current status</u>	<u>New status</u>
Description of change:	Clear coating resist material CT-3050L 2	Clear coating resist material CT-3300

Product identification:	Date Code	
Time schedule for PCN material: (after implementation of change):	Final qualification report	Available upon request
	Samples available:	Available upon request *) or earlier depending on product
	Intended Start of delivery:	01 July 2024 *) *) or earlier if released by customer and upon mutual agreement
	Last time delivery date of Pre-PCN material (LTD):	30 June 2024 *) *) or earlier if released by customer and upon mutual agreement

Assessment:	The change will not affect the form, fit and function of the product. Product datasheet and package specifications remain the same
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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-2024-010-S
Clear Coating Resist Material Change for the following
device groups: AS72XX, TCS3408, TCS34103, TCS3701,
TCS3707, TCS3718, TCS3720, TMD3719, TMD3721,
TMD37333, TMD3765

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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Tobelbader Strasse 30, 8141 Premstaetten, Austria
Phone +43 3136 500-0
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