

**Light is OSRAM**

01. March 2017

Dear Customer,

please find attached our OSRAM OS PCN:

## **OS-PCN-2017-005-A**

### **Transfer of TOPLED Black Surface to Wuxi production location and further changes**

Important information for your attention:

Please respond to this PCN by indicating your decision on the approval form, sign it and return to your sales partner before **03. April 2017**.

OSRAM OS aligns with the widely-recognized JEDEC STANDARD "JESD46-B", which stipulates: "Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change".

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 full acceptance to this proposed change and its implementation.

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.

Your attention and response to this matter is highly appreciated.

**Please direct your inquiry to your local Sales office.**

# OS-PCN-2017-005-A

## Transfer of TOPLED Black Surface to Wuxi production location and further changes

<b>Subject of change:</b>	Transfer of TOPLED Black Surface to Wuxi production location and further changes	
<b>Products affected:</b>	Please refer to attached devicelist	
<b>Reason of change:</b>	In order to ensure future customer demands and increase capacity the production will be transferred to Wuxi production. For certain devices the tin galvanic process at the solder terminals will be removed and the wire bond diameter will be changed to 25µm.	
<b>Description of change:</b>	Current Penang Production Laser Marking: Side marking Galvanic Process 30µm Au Wire	New Wuxi Production Laser Marking:Bottom No Galvanic Process* 25µm Au Wire* * only for Lx T68F& LY T686
<b>Product identification:</b>	Date code/Laser marking	
<b>Time schedule:</b>	Final qualification report	available
	Samples availability	available
	Production release	May 2017
	Start of delivery	June 2017
	Last Time Order of old version November 2017	
<b>Assessment:</b>	Update of MSL Level for devices without tin galvanic. The electro-optical properties of the device will remain unchanged.	
<b>Documentation:</b>	2_cip_OS-PCN-2017-005-A 3_cip_OS-PCN-2017-005-A	

## Customer approval form

### OS-PCN-2017-005-A

### Transfer of TOPLED Black Surface to Wuxi production location and further changes

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

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**Please check the appropriate box below:**

**Agreement:** We agree with the proposed change and accept start of the shipment upon availability of the new version.

**Objections:** We have objections:

**Information requested:** We need the following information:

**Samples requested:** We need the following samples:

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#### Sender

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**Company:**

OSRAM Opto Semiconductors  
GmbH

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**OSRAM**  
Opto Semiconductors

## *Products Affected by Product Change Notification*

**Number:** OS-PCN-2017-005-A

**Name:** Transfer of TOPLED Black Surface to Wuxi production location and further changes

**Release Date:** 3/1/2017

**Response Due Date:** 4/3/2017

**Implementation Date:** 6/30/2017

<i>Product</i>	<i>QNumber</i>	<i>QNumber Description</i>	<i>Part Number</i>	
LA T68B	Q65110A2157	LA T68B-T2V1-24-0-30-R18-Z	LA T68B-T2V1-24-Z	
	Q65110A8179	LA T68B-T2U2-24-0-30-R18-Z-AL	LA T68B-T2U2-24-0-S-Z-AL	
LR T68F	Q65110A7321	LR T68F-U1AA-1-1-20-R18-Z	LR T68F-U1AA-1-1-Z	
	Q65110A7324	LR T68F-U1V2-1-1-20-R18-Z	LR T68F-U1V2-1-Z	
	Q65110A9179	LR T68F-V1AA-1-1-20-R18-Z	LR T68F-V1AA-1-1-Z	
	Q65110A9561	LR T68F-U2V2-1-1-20-R18-Z	LR T68F-U2V2-1-1-Z	
	Q65111A0723	LR T68F-U2V1-1-1-20-R18-Z	LR T68F-U2V1-1-1-Z	
	Q65111A2120	LR T68F-V1-1-1-20-R18-Z-XX	LR T68F-V1-1-1-Z-XX	
	Q65111A2514	LR T68F-U1V2-1-1-20-R18-Z-XX	LR T68F-U1V2-1-1-Z-XX	
	Q65111A2803	LR T68F-U2V2-1-1-20-R18-ZC	LR T68F-U2V2-1-1-ZC	
	Q65111A3228	LR T68F-U1U2-1-1-20-R18-ZC	LR T68F-U1U2-1-1-ZC	
	Q65112A0994	LR T68F-U2V1-1-1-20-S-ZO	LR T68F-U2V2-1-1-ZO	
	Q65112A0996	LR T68F-V1V2-1-1-20-S-ZO	LR T68F-V1V2-1-1-ZO	
	LY T686	Q65110A2211	LY T686-R1S2-26-0-20-R18-Z	LY T686-R1S2-26-Z
		Q65110A2212	LY T686-S1T1-26-0-20-R18-Z	LY T686-S1T1-26-Z
Q65110A2213		LY T686-Q2T1-26-0-20-R18-Z	LY T686-Q2T1-26-Z	
Q65110A3702		LY T686-R1S2-56-0-20-R33-Z	LY T686-R1S2-56-Z	
Q65110A4829		LY T686-S1T1-46-0-20-R18-Z	LY T686-S1T1-46-Z	
Q65111A1806		LY T686-R2T1-45-0-20-R18-ZC-XX	LY T686-R2T1-45-ZC-XX	
Q65111A4593		LY T686-S1T1-45-0-20-R18-Z	LY T686-S1T1-45	
Q65112A0551		LY T686-M2Q2-26-1-5-R18-Z	LY T686-M2Q2-26-1	
Q65112A1197		LY T686-R2T1-46-0-20-S-Z	LY T686-R2T1-46	
LY T68B		Q65110A2158	LY T68B-T2V1-26-0-30-R18-Z	LY T68B-T2V1-26-Z
		Q65110A3206	LY T68B-T2U2-45-0-30-R18-Z	LY T68B-T2U2-45-Z
		Q65110A3273	LY T68B-T2V1-26-0-30-R18-Z-SV	LY T68B-T2V1-26-Z-SV
	Q65110A3393	LY T68B-T2U2-26-0-30-R18-Z-MM	LY T68B-T2U2-26-Z	
	Q65110A4021	LY T68B-U1V1-34-0-30-R33-Z	LY T68B-U1V1-34-Z	
	Q65110A4288	LY T68B-U2V1-45-0-30-R18-Z-JC	LY T68B-U2V1-45-Z-JC	
	Q65110A4375	LY T68B-T2V1-46-0-30-R18-Z	LY T68B-T2V1-46-Z	
	Q65110A4376	LY T68B-U1V1-4-0-30-R18-Z	LY T68B-U1V1-4-Z	
	Q65110A4528	LY T68B-T2V1-46-0-30-R33-Z-JC	LY T68B-T2V1-46-Z-JC	
	Q65110A6084	LY T68B-T2V1-34-0-30-R18-Z-SV	LY T68B-T2V1-34-Z-SV	
	Q65110A6402	LY T68B-U1V1-56-0-30-R18-Z-F	LY T68B-U1V1-56-Z-F	
	Q65110A6563	LY T68B-T2U2-26-0-30-R18-Z-KS	LY T68B-T2U2-26-Z-KS	
	Q65110A8007	LY T68B-U1V1-45-0-30-R18-Z	LY T68B-U1V1-45-Z	
	Q65111A1047	LY T68B-T2U1-45-0-30-R18-Z-XX	LY T68B-T2U1-45-Z-XX	
	Q65111A3097	LY T68B-T2-45-0-30-R18-XX	LY T68B-T2-45-XX	
	LY T68F	Q65110A7322	LY T68F-V1AA-46-1-20-R18-Z	LY T68F-V1AA-46-1-Z
		Q65110A7323	LY T68F-U1V2-46-1-20-R18-Z	LY T68F-U1V2-46-1-Z

<i>Product</i>	<i>QNumber</i>	<i>QNumber Description</i>	<i>Part Number</i>
LY T68F	Q65110A7730	LY T68F-U1AA-46-1-20-R18-Z	LY T68F-U1AA-46-1-Z
	Q65110A7796	LY T68F-T2V2-35-1-20-R18-Z	LY T68F-T2V2-35-1-Z
	Q65110A8502	LY T68F-V1AA-56-1-20-R18-Z	LY T68F-V1AA-56-S-Z
	Q65110A8587	LY T68F-V1AA-45-1-20-R18-Z	LY T68F-V1AA-45-1-Z
	Q65110A8844	LY T68F-U1V1-46-1-20-R18-Z	LY T68F-U1V1-46-1-Z
	Q65110A9291	LY T68F-U2V1-5-1-20-R18-Z-XX	LY T68F-U2V1-5-1-Z-XX
	Q65110A9490	LY T68F-U1V1-46-1-20-R18-ZC	LY T68F-U1V1-46-1-ZC
	Q65110A9757	LY T68F-U2V1-45-1-20-R18-ZC	LY T68F-U2V1-45-1-ZC
	Q65111A0941	LY T68F-U1U2-46-1-20-R18-ZC	LY T68F-U1U2-46-1-ZC
	Q65111A2108	LY T68F-U2AA-46-1-20-R18-ZC	LY T68F-U2AA-46-ZC
	Q65111A2513	LY T68F-U1AA-46-1-20-R18-Z-XX	LY T68F-U1AA-46-1-Z-XX
	Q65111A2855	LY T68F-V1V2-46-1-20-R18-Z	LY T68F-V1V2-46-1-Z
	Q65111A3227	LY T68F-U1U2-45-1-20-R18-ZC	LY T68F-U1U2-45-1-ZC
	Q65111A3340	LY T68F-V2AA-56-1-20-R18-XX	LY T68F-V2AA-56-1-XX
	Q65111A3368	LY T68F-U1AA-45-1-20-R18-Z	LY T68F-U1AA-45-Z
	Q65111A5349	LY T68F-U2V1-56-1-20-R18-Z	LY T68F-U2V1-56-1
	Q65111A5789	LY T68F-V1V2-45-1-20-R18-Z	LY T68F-V1V2-45-1-Z
	Q65111A6143	LY T68F-U2V1-46-1-20-R18-ZC	LY T68F-U2V1-46-C
	Q65112A0550	LY T68F-Q1T1-36-2B3B-5-R18-Z	LY T68F-Q1T1-36-2B3B
	Q65112A0972	LY T68F-V1AA-45-1-20-S-ZO	LY T68F-V1AA-45-1-ZO
	Q65112A0973	LY T68F-U2V1-45-1-20-S-ZO	LY T68F-U2V1-45-1-ZO
	Q65112A0974	LY T68F-V1V2-45-1-20-S-ZO	LY T68F-V1V2-45-1-ZO
	Q65112A1320	LY T68F-U2AA-46-1-20-S-ZO	LY T68F-U2AA-46-1-ZO
	Q65112A1399	LY T68F-V2AA-5-1-20-R18-XX	LY T68F-V2AA-5-1-XX