

# Preliminary PCN AO-PCN-2026-029-P Introduction of 2nd and 3rd Source Substrate Suppliers for SFH 2705

Customer information package

# Agenda

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# AO-PCN-2026-029-P

## Introduction of 2nd and 3rd Source Substrate Suppliers for SFH 2705

### Reason for change

Item	Description
Introduction of 2nd and 3rd Source Substrate Suppliers for SFH 2705	Due to business consolidation, Current Supplier A decided to close down and exit the substrate business. Therefore, the qualification of 2nd and 3rd Substrate suppliers (Suppliers B and C) to ensure uninterrupted supply chain.

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## Introduction of 2nd and 3rd Source Substrate Suppliers for SFH 2705

### Description of change

Item	Current status	New status
Introduction of 2nd and 3rd Source Substrate Suppliers for SFH 2705	Current Supplier A is the qualified Substrate Supplier for the affected product.	Old and new substrate suppliers for a limited time. Later only new Suppliers – Suppliers B and C will be qualified for affected product.

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## Introduction of 2nd and 3rd Source Substrate Suppliers for SFH 2705

### Changes in the datasheets

No changes expected.

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## Introduction of 2nd and 3rd Source Substrate Suppliers for SFH 2705

### List of affected products

Product
SFH 2705



# AO-PCN-2026-029-P

## Introduction of 2nd and 3rd Source Substrate Suppliers for SFH 2705

**PCN Samples** (planned availability at Final PCN publication)

Product

SFH 2705

Color code:  available  on request

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## Introduction of 2nd and 3rd Source Substrate Suppliers for SFH 2705

### Qualification Plan

Test item	Test condition	Test duration	Sample Size
Temperature Cycling (TC)	T <sub>A</sub> = -40°C/+85°C 15min each extreme	1000c	3Lots x 26 units
Temperature & Humidity Storage (T&HS)	60°C/90%rH	1000h	3Lots x 26 units
High Temperature Storage (HTS)	+85°C	1000h	3Lots x 26 units
High Temperature Reverse Bias (HTRB)	85°C, V <sub>r</sub> = 12.8V	1000h	3Lots x 26 units
Low Temperature Storage (LTS)	-40°C	1000h	3Lots x 26 units
Resistance to Soldering Heat (RTSH)	Reflow, 260°C	10c	3Lots x 26 units
Temperature & Humidity Reverse Bias (T&HRB)	85°C/85%rH, V <sub>r</sub> = 12.8V	1000h	3Lots x 26 units
Solderability	245°C (+3°C/-5°C) / 10s (-0.5s)	-	1Lot x 10 units
Mechanical Shock Test (MS)	14700m/s <sup>2</sup> (1500gn), half sine, 0.5ms/shock, 5shock/direct, 6dir. (±X, ±Y, ±Z)	5c	1Lot x 10 units

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## Introduction of 2nd and 3rd Source Substrate Suppliers for SFH 2705

### Time schedule

**for publication final PCN: Q3 / 2026**

#### **for PCN material (after implementation of change):**

Final qualification report	30.06.2026
Samples available	01.07.2026

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.

Sensing is life

am  OSRAM

# Preliminary PCN

## AO-PCN-2026-029-P

### Introduction of 2<sup>nd</sup> and 3<sup>rd</sup> Source Substrate Suppliers for SFH 2705

15.03.2026

Dear Customer,

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

This Preliminary PCN is intended

- to inform our customers about upcoming important product / process changes – upfront of the corresponding final PCN.
- to provide to our customer the background of the intended change and the qualification plan.
- **to get approval** on specific customer requirements at an early stage **before evaluation plan execution**.

The corresponding **Final PCN** with number “AO-PCN-2026-029-S” containing the results from reliability testing is scheduled to be published on **Q3/2026**.

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 full acceptance to this proposed plan and will start with the execution of the plan.

ams OSRAM understands the time requirements your organization needs to approve this Preliminary PCN. However, if you can provide ams OSRAM an estimated date your organization will approve this Preliminary PCN, ams OSRAM can use this date for proper project planning.

Your attention and response to this matter is highly appreciated.

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

<b>Subject of change:</b>	Introduction of 2nd and 3rd Source Substrate Suppliers for SFH 2705	
<b>Affected products:</b>	SFH 2705	
<b>Reason for change:</b>	Due to business consolidation, Current Supplier A decided to close down and exit the substrate business. Therefore, the qualification of 2nd and 3rd Substrate suppliers (Suppliers B and C) to ensure uninterrupted supply chain.	
<b>Description of change:</b>	<u>Current status</u> Current Supplier A is the qualified Substrate Supplier for the affected product.	<u>New status</u> Old and new substrate suppliers for a limited time. Later only new Suppliers – Suppliers B and C will be qualified for affected product.
	For details refer to file 2_CIP_AO-PCN-2026-029-P_ext	
<b>Product identification:</b>	Product Label	
<b>Intended final PCN publication:</b>	Q3 / 2026	
<b>Time schedule for PCN material:</b> (after implementation of change):	Final qualification report:	30.06.2026
	Samples available:	01.07.2026
<b>Assessment:</b>	Low reliability risk. The change does not have any impact to form, fit and function of the product.	
<b>Documentation:</b>	Customer Information Package 22_CIP_AO-PCN-2026-029-P_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.

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## Customer approval form Preliminary PCN AO-PCN-2026-029-P

### Introduction of 2nd and 3rd Source Substrate Suppliers for SFH 2705

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

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Please check the appropriate box below:

- |   |   |
|---|---|
| <input type="radio"/> <b>Approval:</b><br>We agree with the proposed plan | <input type="radio"/> <b>Not relevant:</b><br>Change is not relevant for products in use. |
|---|---|

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**Plan cannot be accepted:**

- We have objections:**
- We request following Information:**
- We request following Samples (according to PPAP requirement):**
- Expected approval date (for Preliminary PCN):**

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**Remarks:**

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**Sender:**

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**Company:**

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**Address / Location:**

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**Signature:**

**Date:**

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Please return this approval form to your Sales partner.