

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

Customer information package

Agenda

	Page
1. Reason for change	3
2. Description of change	4
3. Changes in the datasheets	5
4. List of affected products	6
5. PCN samples (planned availability at Final PCN publication)	7
6. Qualification Plan	8
7. Time schedule	9

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.

AO-PCN-2026-029-P

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.

AO-PCN-2026-029-P

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

Changes in the datasheets

No changes expected.

AO-PCN-2026-029-P

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

AO-PCN-2026-029-P

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 _A = -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 _r = 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 _r = 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 ² (1500gn), half sine, 0.5ms/shock, 5shock/direct, 6dir. (±X, ±Y, ±Z)	5c	1Lot x 10 units

AO-PCN-2026-029-P

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

Time schedule

for publication final PCN:		Q3 / 2026
for PCN material (<u>after</u> 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.

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