

Product/Process Change Notification

PCN N° 2026-139-A

Dear customer,

Please find attached our Infineon Technologies AG PCN:

Change of glue for all PrimePACK™ power modules with IGBT4 and EC4

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 **2026-08-18**.
- Infineon aligns with the widely recognized JEDEC STANDARD “**JESD46**“, which stipulates: **“Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change.”**

Your prompt reply will help Infineon to assure a smooth and well-executed transition. If Infineon does not hear from your side by the due date, we will assume your full acceptance to this proposed change and its implementation.

Your attention and response to this matter is greatly appreciated.

Infineon Technologies AG

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Product/Process Change Notification

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- Products affected	Please refer to attached affected product list PCN_2026-139-A_[customer-no].pdf	
- Detailed change information		
	Subject	Change of glue for all PrimePACK™ power modules with IGBT4 and EC4.
	Reason	Product harmonization for all PrimePACK™ power modules with IGBT4 and EC4
	Description	<u>Old</u> - Current glue
		<u>New</u> - New standard glue
- Product identification	Individual production lot number	
- Impact of change	No change of datasheet. Quality and reliability verified by qualification. There is no change in form, fit and function of the module.	
- Attachments	PCN_2026-139-A_[customer-no].pdf	affected product list
	2_cip26139_A.pdf	Product Qualification Report
- Time schedule		
- Final qualification report	Available	
- First samples available	On Request	
- Intended start of delivery	2026-10-07	

If you have any questions, please do not hesitate to contact your local sales office.

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Affected products sold to PREMIER FARNELL PLC, LEEDS, United Kingdom (4048408)

Sales name	SP number	OPN	Package	Customer part number
FF1000R17IE4	SP000609592	FF1000R17IE4BOSA1	AG-PRIME3	2726114
FF1400R12IP4	SP000609758	FF1400R12IP4BOSA1	AG-PRIME3	2776812
FF1400R17IP4	SP000726974	FF1400R17IP4BOSA1	AG-PRIME3	2726117
FF600R12IP4	SP000609754	FF600R12IP4BOSA1	AG-PRIME2	3514416
FF650R17IE4	SP000614664	FF650R17IE4BOSA1	AG-PRIME2	2726150
FF900R12IE4	SP000614712	FF900R12IE4BOSA1	AG-PRIME2	1833552, 2726152
FF900R12IP4	SP000609750	FF900R12IP4BOSA2	AG-PRIME2	2726153

Product Qualification Report

产品质量和可靠性鉴定报告

PCN No. 2026-139-A

Change of glue for all PrimePACK™ power modules with IGBT4 & EC4

Description

This product qualification report describes the characteristics of the product with respect to quality and reliability.
该鉴定报告描述了关于质量和可靠性方面的产品特性。

The qualification sample selection was done on production lots which were manufactured and tested on standard production processes and meet the defined requirements.

用于鉴定的样本采自常规的产线批次，这些批次的产出需经过标准的制造和测试工艺流程并且符合所定义的要求。

The qualification test results of those products as outlined in this document are based on **IEC standards** for target applications and may reference existing qualification results of similar products. Such referencing is justified by the structural similarity of the products.

本文中所概述的产品质量和可靠性测试结果是基于符合目标应用所对应的IEC标准，并且可能参考类似产品所现有的鉴定测试结果。该参考的实行是基于对产品之间的结构相似性的证明。

Qualification Assessment

Qualified according to **IEC standards** and assessed as PASS

鉴定评估结果

依照IEC标准，鉴定评估结果合格。

For further information about comparable products, please contact the nearest Infineon Technologies office (www.infineon.com).

有关同类产品的进一步信息，请向就近的英飞凌办事处联系咨询。(www.infineon.com).

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Change of glue for all PrimePACK™ power modules with IGBT4 & EC4



Packages in scope: all PrimePACK™ power modules with IGBT4 & EC4

Test Description 测试项描述	Abbr. 测试项缩写	Condition 测试条件	Devices 样本数量	Result 测试结果
High Temperature Reverse Bias IEC 60747-9 *) **)	HTRB	1.000 h $V_{CE} = 0,9 \times V_{CES} \text{ (DC)}$ $T_{vj} = T_{vj,op,max}$	≥ 72 dies	PASS
High Humidity High Temperature Reverse Bias IEC 60749-5 *)	H3TRB	1.000 h $T_a = 85 \text{ }^\circ\text{C}$; RH = 85 % $V_{CE} = 80 \text{ V (DC)}$	≥ 72 dies	PASS
Thermal Shock Test (two chamber) IEC 60749-25*)	TST	100 Cycles $T_a = -40 \text{ }^\circ\text{C}$ to $+150 \text{ }^\circ\text{C}$	≥ 6 modules	PASS
Vibration (Sine Sweep) IEC 60068-2-6 *)	VIB	5 h each direction (x, y, z) $f = 5 \dots 200 \text{ Hz}$ $f1 = 5 \dots 13 \text{ Hz}$: $A = 7,5 \text{ mm (const.)}$ $f2 = 13 \dots 200 \text{ Hz}$: $a = 50 \text{ m/s}^2$ $v = 1 \text{ Octave/min}$	≥ 6 modules	PASS

Notes:

*) Standards are taken as a reference; slight variations from the standards according to Infineon regulations may occur.

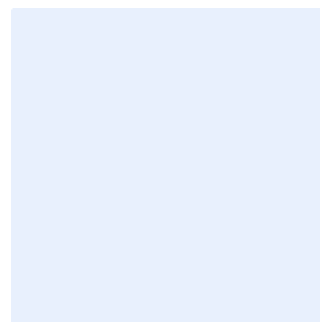
**) The RTI / max. housing temperature of the data sheet is considered during the test evaluation.

注释:

*) 标准的采用作为参考; 英飞凌的规范较国际标准可能会出现轻微差异。

**) 测试评估时, 会考虑资料表的 RTI / 最高外壳温度。

The reported tests in this document are explicitly addressing the change communicated by PCN. The Product Qualification Report of the individual product type remains valid.



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Packages in scope: all PrimePACK™ power modules with IGBT4 & EC4

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Do you have a question about this document?

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Document reference
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参考文献

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