

# Product / Process Change Notification



**N° 2019-169-A2      !! UPDATE !!**

- Updated Information marked in **BLUE TYPE**
- Original PCN N° 2019-169-A dated 10. Dec 2019

**Dear Customer,**

Attached please find an updated PCN 2019-169-A2 for your attention.

## **Introduction of a new design step TC38x\_AE affecting all products TC38x\_AD**

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 **26<sup>th</sup> June 2020**.
- 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 Technologies 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.

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# Product / Process Change Notification



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■ Updated Information marked in **BLUE TYPE**

■ Original PCN N° 2019-169-A dated 10. Dec 2019

► **Products affected:** Please refer to attached affected product list [1\\_cip19169\\_a2](#)

► **Detailed Change Information:**

**Subject:** Introduction of a new design step TC38x\_AE affecting all products TC38x\_AD.

The TC38x AD steps are no longer recommended for new designs. In order to facilitate customer phase over, the old design step (AD) shall be subject to a product discontinuation notification with last order date 3 years from the PCN issue date and last delivery date 4 years from the PCN issue date.

**Reason:** ~~Robustness improvement.~~  
New design step to fix identified errata.

| <b>Description:</b>            | <u>Old</u>   | <u>New</u>                          |
|--------------------------------|--|-------------------------------------|
| <b>Design step:</b>            | ■ TC38x_AD   | ■ TC38x_AE                          |
| <b>SP number:</b>              | ■ Please refer to attached affected product list <a href="#">1_cip19169_a2</a> |                                     |
| <b>Device package marking:</b> | ■ SAK-TC387QP-160F300S AD (example)  | ■ SAK-TC387QP-160F300S AE (example) |

► **Product Identification:** Traceability is ensured by lot number, SP number and different package marking

► **Impact of Change:** Based on the qualification ~~to be~~ performed, no impact expected. Assessment in application might be required.

For automotive products only: DeQuMa-ID: SEM-DS-02

► **Attachments:** Affected product list [1\\_cip19169\\_a2](#)

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## ► Time Schedule:

|                               | <b>2019-169-A</b>  | <b>2019-169-A2</b>   |
|-------------------------------|--|----------------------|
| ■ Final qualification report: | Available on demand in February 2020                     | Available on demand  |
| ■ First samples available:    | PCN samples will be available from February 2020 onwards | Available on request |
| ■ Intended start of delivery: | August 2020  | November 2020        |

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

**PCN N°2019-169-A2**

Introduction of a new design step TC38x\_AE affecting all products TC38x\_AD



| Sales name                          | SP number               | OPN             | Package                             | Sales name_new | SP number_new   | OPN | Package_new |
|-------------------------------------|-------------------------|-----------------|-------------------------------------|----------------|-----------------|-----|-------------|
| SAK-TC387QP-160F300S AD SP002921224 | TC387QP160F300SADKXUMA1 | PG-LFBGA-292-11 | SAK-TC387QP-160F300S AE SP005351247 | N.A.           | PG-LFBGA-292-11 |     |             |
| SAK-TC387TP-128F300S AD SP002921230 | TC387TP128F300SADKXUMA1 | PG-LFBGA-292-11 | SAK-TC387TP-128F300S AE SP005351248 | N.A.           | PG-LFBGA-292-11 |     |             |
| SAK-TC387TP-160F300S AD SP002921232 | TC387TP160F300SADKXUMA1 | PG-LFBGA-292-11 | SAK-TC387TP-160F300S AE SP005351249 | N.A.           | PG-LFBGA-292-11 |     |             |
| SAK-TC389QP-160F300S AD SP002921222 | TC389QP160F300SADKXUMA1 | PG-FBGA-516-1   | SAK-TC389QP-160F300S AE SP005351252 | N.A.           | PG-FBGA-516-1   |     |             |
| SAL-TC387QP-160F300S AD SP002921220 | TC387QP160F300SADLXUMA1 | PG-LFBGA-292-11 | SAL-TC387QP-160F300S AE SP005351250 | N.A.           | PG-LFBGA-292-11 |     |             |
| SAL-TC387TP-128F300S AD SP003021930 | TC387TP128F300SADLXUMA1 | PG-LFBGA-292-11 | SAL-TC387TP-128F300S AE SP005398494 | N.A.           | PG-LFBGA-292-11 |     |             |
| SAL-TC387TP-160F300S AD SP002921234 | TC387TP160F300SADLXUMA1 | PG-LFBGA-292-11 | SAL-TC387TP-160F300S AE SP005411061 | N.A.           | PG-LFBGA-292-11 |     |             |
| SAL-TC389QP-160F300S AD SP002921216 | TC389QP160F300SADLXUMA1 | PG-FBGA-516-1   | SAL-TC389QP-160F300S AE SP005351253 | N.A.           | PG-FBGA-516-1   |     |             |