# Product / Process Change Notification

## N° 2019-168-A2 !! UPDATE !!

- Updated Information marked **in BLUE TYPE**
- Original PCN N° 2019-168-A dated 09. Dec 2019

**Dear Customer**,

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

## Introduction of a new design step TC39x_BD affecting all products TC39x_BC

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 **26th 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

## N° 2019-168-A2 !! UPDATE !!

- Updated Information marked **in BLUE TYPE**
- Original PCN N° 2019-168-A dated 09. Dec 2019

## ▶ Products affected:

Please refer to attached affected product list 1_cip19168_a2

## ▶ Detailed Change Information:

### Subject:

Introduction of a new design step TC39x_BD affecting all products TC39x_BC.

The TC39x BC steps are no longer recommended for new designs. In order to facilitate customer phase over, the old design step (BC) 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.

### Description:

| | Old | New |
|---|---|---|
| **Design step:** | ■ TC39x_**BC** | ■ TC39x_**BD** |
| **SP number:** | ■ Please refer to attached affected product list 1_cip19168_a2 | |
| **Device package marking:** | SAK-TC397QA-160F300S **BC** (example) | SAK-TC397QA-160F300S **BD** (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_cip19168_a2

# Product / Process Change Notification

## N° 2019-168-A2 !! UPDATE !!

- Updated Information marked **in BLUE TYPE**
- Original PCN N° 2019-168-A dated 09. Dec 2019

## ▶ Time Schedule:

| | 2019-168-A | 2019-168-A2 |
|---|---|---|
| ■ Final qualification report: | Available on demand in April 2020 | Available on demand |
| ■ First samples available: | PCN samples will be available from April 2020 onwards | Available on request |
| ■ Intended start of delivery: | October 2020 | November 2020 |

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

**PCN N°2019-168-A2**

Introduction of a new design step TC39x_BD affecting all products TC39x_BC

| Sales name | SP number | OPN | Package | Sales name_new | SP number_new | OPN new | Package_new |
|---|---|---|---|---|---|---|---|
| SAK-TC397QA-160F300S BC | SP002739588 | TC397QA160F300SBCKXUMA1 | PG-LFBGA-292-12 | SAK-TC397QA-160F300S BD | SP005351257 | N.A. | PG-LFBGA-292-12 |
| SAK-TC397QP-192F300S BC | SP002739602 | TC397QP192F300SBCKXUMA1 | PG-LFBGA-292-10 | SAK-TC397QP-192F300S BD | SP005351258 | N.A. | PG-LFBGA-292-10 |
| SAK-TC397QP-256F300S BC | SP002739604 | TC397QP256F300SBCKXUMA1 | PG-LFBGA-292-10 | SAK-TC397QP-256F300S BD | SP005351259 | N.A. | PG-LFBGA-292-10 |
| SAK-TC397XA-256F300S BC | SP002739594 | TC397XA256F300SBCKXUMA1 | PG-LFBGA-292-12 | SAK-TC397XA-256F300S BD | SP005351382 | N.A. | PG-LFBGA-292-12 |
| SAK-TC397XE-256F300S BC | SP002921246 | TC397XE256F300SBCKXUMA1 | PG-LFBGA-292-10 | SAK-TC397XE-256F300S BD | SP005351383 | N.A. | PG-LFBGA-292-10 |
| SAK-TC397XP-256F300S BC | SP002739600 | TC397XP256F300SBCKXUMA1 | PG-LFBGA-292-10 | SAK-TC397XP-256F300S BD | SP005351385 | N.A. | PG-LFBGA-292-10 |
| SAK-TC397XT-256F300S BC | SP002739598 | TC397XT256F300SBCKXUMA1 | PG-LFBGA-292-12 | SAK-TC397XT-256F300S BD | SP005351386 | N.A. | PG-LFBGA-292-12 |
| SAK-TC397XX-256F300S BC | SP002725526 | TC397XX256F300SBCKXUMA1 | PG-LFBGA-292-10 | SAK-TC397XX-256F300S BD | SP005351387 | N.A. | PG-LFBGA-292-10 |
| SAK-TC397XZ-256F300S BC | SP002739606 | TC397XZ256F300SBCKXUMA1 | PG-LFBGA-292-10 | SAK-TC397XZ-256F300S BD | SP005351388 | N.A. | PG-LFBGA-292-10 |
| SAK-TC399XP-256F300S BC | SP002725524 | TC399XP256F300SBCKXUMA1 | PG-LFBGA-516-10 | SAK-TC399XP-256F300S BD | SP005351394 | N.A. | PG-LFBGA-516-10 |
| SAK-TC399XX-256F300S BC | SP002725518 | TC399XX256F300SBCKXUMA1 | PG-LFBGA-516-10 | SAK-TC399XX-256F300S BD | SP005351395 | N.A. | PG-LFBGA-516-10 |
| SAL-TC397XP-256F300S BC | SP002725522 | TC397XP256F300SBCLXUMA1 | PG-LFBGA-292-10 | SAL-TC397XP-256F300S BD | SP005351392 | N.A. | PG-LFBGA-292-10 |
| SAL-TC399XP-256F300S BC | SP002725520 | TC399XP256F300SBCLXUMA1 | PG-LFBGA-516-10 | SAL-TC399XP-256F300S BD | SP005351397 | N.A. | PG-LFBGA-516-10 |
| SAL-TC399XX-256F300S BC | SP002725508 | TC399XX256F300SBCLXUMA1 | PG-LFBGA-516-10 | SAL-TC399XX-256F300S BD | SP005351398 | N.A. | PG-LFBGA-516-10 |