

Product / Process Change Notification



N° 2013-086-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Improvement of transient robustness in application for BTS50060-1TEA

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 **29. September 2013**.
- Infineon aligns with the widely-recognized JEDEC STANDARD "JESD46-C", which stipulates: "Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change."
- This PCN includes a **Product Discontinuation Notice** on page 3/3

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.

Disclaimer:

If we do not receive any response by the date in the PCN above we consider this as the acceptance of the PCN. After the last order date as stated herein, purchase orders related to the unchanged product(s) cannot be accepted.

In case the customer rejects this PCN this PCN shall be considered a product discontinuation notice (PD).

Product / Process Change Notification



N° 2013-086-A

SUBJECT OF CHANGE:

- improvement of transient robustness in application
- re-layout of control chip (see info package)
- product discontinuation of old product version

PRODUCTS AFFECTED: BTS50060-1TEA

REASON OF CHANGE:

- observed disturbance in application:
 - setting of fault flag incl. latched switch-off and fault signal
- disturbance by voltage transients on supply line, caused by:
 - under voltage switch-off
 - pin GND-shift >1V
 - intermittent interruption of load wire
 - protective switch-off of neighbouring BTS50060-1TEA

Due to the above described observations in customer application we have optimized the transient robustness of the BTS50060-1TEA by a re-layout of the control IC.

No datasheet parameters are changed.

DESCRIPTION OF CHANGE:	<u>OLD</u>	<u>NEW</u>
■	For detail change description please refer to attached Info package 3_cip13086 Customer information package (CIP)	
■ SP number	SP000402336	SP001082554

PRODUCT IDENTIFICATION: No change of sales code but of SP- / OPN numbers.

TIME SCHEDULE:

■ Final qualification report:	available	
■ First samples available:	available	
■ Start of delivery:	31-January-2014 or earlier on customer request	
■ Last order date of unchanged product:	31-January-2014	See page 3/3
■ Last delivery date of unchanged product:	31-August-2014	See page 3/3

ASSESSMENT: No impact on quality and/or reliability.
Process are optimized to meet identical product performance according to specification than before. Proven by characterization and qualification.

DOCUMENTATION:	2_cip13086 qualification report 3_cip13086 Customer information package (CIP)
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PRODUCT DISCONTINUATION



referring to PCN N° 2013-086-A

■ Last order date of unchanged product:	2014-01-31
■ Last delivery date of unchanged product	2014-08-31

DISCONTINUED				NEW (REPLACEMENT)			
Device	SP N°	OPN	Package	Device	SP N°	OPN	Package
BTS50060-1TEA	SP000402336	BTS500601TEAAUMA1	PG-TO252-5-11	BTS50060-1TEA	SP001082554	BTS500601TEAAUMA2	PG-TO252-5-11

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