

Product / Process Change Notification



N° 2019-004-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Capacity extension for dedicated OptiMOS™ products in PG-TDSON package at Infineon Technologies Wuxi Co., Ltd., China

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 **14th March 2019**.
- 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.

Infineon Technologies AG
Postal Address Headquarters: Am Campeon 1-12, D-85579 Neubiberg, Phone +49 (0)89 234-0
Chairman of the Supervisory Board: Wolfgang Mayrhuber
Management Board: Dr. Reinhard Ploss (CEO), Dominik Asam, Dr. Helmut Gassel, Jochen Hanebeck
Registered Office: Neubiberg Commercial Register
Amtsgericht München HRB 126492

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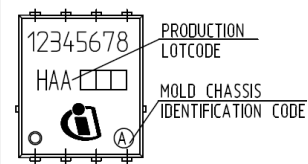

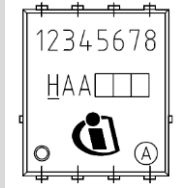
► **Products affected:**

See affected product list 1_cip19004_a

► **Detailed Change Information:**

Subject: - Capacity extension at Infineon Technologies Wuxi Co., Ltd., China (IFX Wuxi) for PG-TDSON package,
- Standardization of mould compound for TDSON-8 package

Reason: Extension of high volume assembly manufacturing capability to cover increasing customer demand and support short term upside demand in a more efficient way.
IFX Wuxi does already mass production in PG-TDSON package.

Description:	<u>Old</u>	<u>New</u>
Assembly and Final Test location:	<ul style="list-style-type: none"> ■ Infineon Technologies Malaysia Sdn. Bhd., Malacca and ■ subcontractor ASE (Weihai) Inc., China 	<ul style="list-style-type: none"> ■ Infineon Technologies Malaysia Sdn. Bhd., Malacca and ■ subcontractor ASE (Weihai) Inc., China and ■ Infineon Technologies Wuxi Co., Ltd., China
Mould compound:	<ul style="list-style-type: none"> ■ Hitachi CEL 1772 	<ul style="list-style-type: none"> ■ Hitachi CEL 9240
Marking on device:	<ul style="list-style-type: none"> ■ No underline on the first letter at the date code fab Malacca  <ul style="list-style-type: none"> ■ No mold chassis identification code at subcontractor ASE 	<ul style="list-style-type: none"> ■ Underlined first letter of date code for assembly fab Wuxi 

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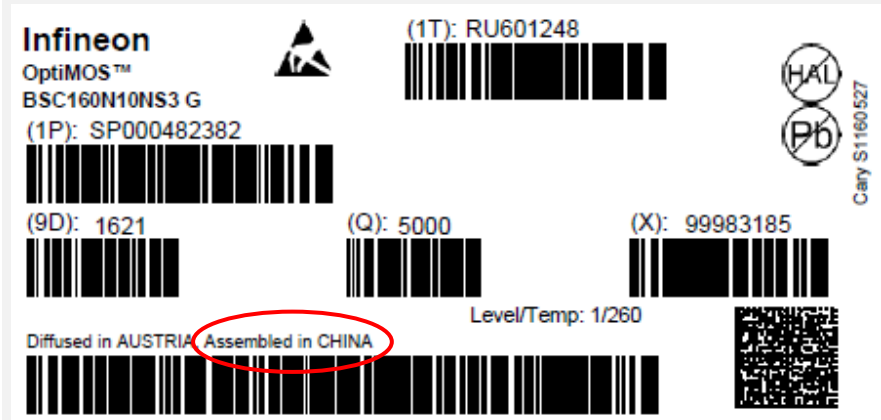


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► Product Identification:

Internal traceability via Baunumber, Lotnumber, date code and marking on device

External traceability via country of assembly on Barcode Product Label (BPL) and marking on device



► Impact of Change:

NO change on electrical, thermal parameters and reliability as proven via product qualification and characterization.

NO change of existing datasheet parameters.

NO change in quality and reliability. Processes are optimized to meet product performance according to already applied Infineon specification.

NO change in package outline dimensions.

► Attachments:

1_cip19004_a Affected Product List
2_cip19004_a Qualification Report

► Time Schedule:

■ Final qualification report:	2019-01-29
■ First samples available:	on request
■ Intended start of delivery:	2019-05-01 or earlier depending on customer approval

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

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Capacity extension for dedicated OptiMOS™ products in PG-TDSON package at Infineon Technologies Wuxi Co., Ltd., China



Sales name	SP number	OPN	Package
BSC009NE2LS5	SP001212764	BSC009NE2LS5ATMA1	PG-TDSON-8
BSC009NE2LS5I	SP001212434	BSC009NE2LS5IATMA1	PG-TDSON-8
BSC014N04LS	SP000871196	BSC014N04LSATMA1	PG-TDSON-8
BSC014N04LS	SP001675468	BSC014N04LSATMA2	PG-TDSON-8
BSC014N04LS E8202	SP001285638	BSC014N04LSE8202ATMA1	PG-TDSON-8
BSC014N04LSI	SP000953212	BSC014N04LSIATMA1	PG-TDSON-8
BSC014N04LST	SP001657070	BSC014N04LSTATMA1	PG-TDSON-8
BSC022N04LS6	SP001720024	BSC022N04LS6ATMA1	PG-TDSON-8
BSC026NE2LS5	SP001212432	BSC026NE2LS5ATMA1	PG-TDSON-8
BSC027N06LS5	SP001385616	BSC027N06LS5ATMA1	PG-TDSON-8
BSC028N06NS	SP000917416	BSC028N06NSATMA1	PG-TDSON-8
BSC028N06NST	SP001666498	BSC028N06NSTATMA1	PG-TDSON-8
BSC034N06NS	SP001067010	BSC034N06NSATMA1	PG-TDSON-8
BSC039N06NS	SP000985386	BSC039N06NSATMA1	PG-TDSON-8
BSC0580NS	SP001624404	BSC0580NSATMA1	PG-TDSON-8
BSC059N04LS6	SP001687052	BSC059N04LS6ATMA1	PG-TDSON-8
BSC065N06LS5	SP001385614	BSC065N06LS5ATMA1	PG-TDSON-8
BSC066N06NS	SP001067000	BSC066N06NSATMA1	PG-TDSON-8
BSC0702LS	SP001589462	BSC0702LSATMA1	PG-TDSON-8
BSC0703LS	SP001614022	BSC0703LSATMA1	PG-TDSON-8
BSC0704LS	SP001614068	BSC0704LSATMA1	PG-TDSON-8
BSC070N10NS5	SP001241596	BSC070N10NS5ATMA1	PG-TDSON-8
BSC094N06LS5	SP001458086	BSC094N06LS5ATMA1	PG-TDSON-8
BSC097N06NS	SP001067004	BSC097N06NSATMA1	PG-TDSON-8
BSC097N06NST	SP001666496	BSC097N06NSTATMA1	PG-TDSON-8
BSC098N10NS5	SP001241598	BSC098N10NS5ATMA1	PG-TDSON-8