

Product / Process Change Notification



N° 2019-001-B !! UPDATE !!

- Updated Information marked in **BLUE TYPE**
- Original PCN N° 2019-001-A dated 24/06/2019

Dear Customer,

Attached please find an updated PCN 2019-001-B for your attention.

Capacity extension for dedicated OptiMOS™ products in PG-TDSON-8 package at Tongfu Microelectronics Co. Ltd.

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

Infineon Technologies AG
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Chairman of the Supervisory Board: Dr. Eckart Süner
Management Board: Dr. Reinhard Ploss (CEO), Dr. Helmut Gassel, Jochen Hanebeck, Dr. Sven Schneider
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Commercial Register: München HRB 126492

Product / Process Change Notification



N° 2019-001-B **!! UPDATE !!**

- Updated Information marked in **BLUE TYPE**
- Original PCN N° 2019-001-A dated 24/06/2019

► **Products affected:** Please refer to attached affected product list 1_cip19001_b
BSC160N15NS5 (SP001181422) excluded from change.

► **Detailed Change Information:**

Subject: Capacity extension at Tongfu Microelectronics Co. Ltd. for PG-TDSON-8 package (update to exclude BSC160N15NS5)

Reason: Expansion of assembly and test production to cover increasing customer demand, and enable flexible manufacturing.

| Description: | Old | New |
|---------------------|---|---|
| | <ul style="list-style-type: none">■ Infineon Technologies Malaysia Sdn. Bhd., Melaka■ Subcontractor ASE (Weihai) Inc., China■ Infineon Technologies Wuxi Co., Ltd., China | <ul style="list-style-type: none">■ Infineon Technologies Malaysia Sdn. Bhd., Melaka■ Subcontractor ASE (Weihai) Inc., China■ Infineon Technologies Wuxi Co., Ltd., China■ Subcontractor Tongfu Microelectronics Co. Ltd., China |

Refer to details in 3_cip19001_a

► **Product Identification:** Internal traceability via Baunumber, Lotnumber, date code and marking on device
External traceability via the marking on device

► **Impact of Change:** **NO** change on electrical and thermal performance
NO impact on the device reliability as proven via product qualification and characterization.
Update of package outline drawing in the datasheet. However **NO** impact on the electrical parameters and device processability at customer end. Assembly processes are optimized to meet product performance according to already applied Infineon specification.

► **Attachments:**

| | |
|----------------------------|--------------------------|
| Affected product list | 1_cip19001_b |
| Qualification report | 2_cip19001_a - unchanged |
| Description of old and new | 3_cip19001_a - unchanged |

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► **Time Schedule:**

| | 2019-001-A | 2019-001-B |
|-------------------------------|---|---|
| ■ Final qualification report: | available | available |
| ■ First samples available: | on request | on request |
| ■ Intended start of delivery: | 15-08-2019 or earlier depending on customers approval | 15-08-2019 or earlier depending on customers approval |

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

PCN 2019-001-BCapacity Extension for Dedicated OptiMOST™ Products in PG-TDSON-8
Package at Tongfu Microelectronics Co., Ltd.

| Sales name | SP number | OPN | Package |
|---------------|-------------|-------------------|------------|
| BSC009NE2LS | SP000893362 | BSC009NE2LSATMA1 | PG-TDSON-8 |
| BSC010N04LS | SP000928282 | BSC010N04LSATMA1 | PG-TDSON-8 |
| BSC010N04LSI | SP000953210 | BSC010N04LSIATMA1 | PG-TDSON-8 |
| BSC010N04LST | SP001657068 | BSC010N04LSTATMA1 | PG-TDSON-8 |
| BSC010NE2LS | SP000776124 | BSC010NE2LSATMA1 | PG-TDSON-8 |
| BSC010NE2LSI | SP000854376 | BSC010NE2LSIATMA1 | PG-TDSON-8 |
| BSC011N03LS | SP000799082 | BSC011N03LSATMA1 | PG-TDSON-8 |
| BSC011N03LSI | SP000884574 | BSC011N03LSIATMA1 | PG-TDSON-8 |
| BSC011N03LST | SP001657064 | BSC011N03LSTATMA1 | PG-TDSON-8 |
| BSC014N04LS | SP000871196 | BSC014N04LSATMA1 | PG-TDSON-8 |
| BSC014N04LS | SP001675468 | BSC014N04LSATMA2 | PG-TDSON-8 |
| BSC014N04LSI | SP000953212 | BSC014N04LSIATMA1 | PG-TDSON-8 |
| BSC014N04LST | SP001657070 | BSC014N04LSTATMA1 | PG-TDSON-8 |
| BSC014NE2LSI | SP000911336 | BSC014NE2LSIATMA1 | PG-TDSON-8 |
| BSC016N04LS G | SP000394801 | BSC016N04LSGATMA1 | PG-TDSON-8 |
| BSC016N06NS | SP000924882 | BSC016N06NSATMA1 | PG-TDSON-8 |
| BSC016N06NST | SP001657074 | BSC016N06NSTATMA1 | PG-TDSON-8 |
| BSC018NE2LS | SP000756336 | BSC018NE2LSATMA1 | PG-TDSON-8 |
| BSC018NE2LSI | SP000906030 | BSC018NE2LSIATMA1 | PG-TDSON-8 |
| BSC019N04LS | SP001067012 | BSC019N04LSATMA1 | PG-TDSON-8 |
| BSC019N06NS | SP001407774 | BSC019N06NSATMA1 | PG-TDSON-8 |
| BSC022N04LS | SP001059844 | BSC022N04LSATMA1 | PG-TDSON-8 |
| BSC024NE2LS | SP000756342 | BSC024NE2LSATMA1 | PG-TDSON-8 |
| BSC026N04LS | SP001067014 | BSC026N04LSATMA1 | PG-TDSON-8 |
| BSC027N06LS5 | SP001385616 | BSC027N06LS5ATMA1 | PG-TDSON-8 |
| BSC028N06NS | SP000917416 | BSC028N06NSATMA1 | PG-TDSON-8 |
| BSC028N06NST | SP001666498 | BSC028N06NSTATMA1 | PG-TDSON-8 |
| BSC030N08NS5 | SP001077098 | BSC030N08NS5ATMA1 | PG-TDSON-8 |
| BSC032N04LS | SP001067018 | BSC032N04LSATMA1 | PG-TDSON-8 |
| BSC032NE2LS | SP000854378 | BSC032NE2LSATMA1 | PG-TDSON-8 |
| BSC034N06NS | SP001067010 | BSC034N06NSATMA1 | PG-TDSON-8 |
| BSC037N08NS5 | SP001294988 | BSC037N08NS5ATMA1 | PG-TDSON-8 |
| BSC039N06NS | SP000985386 | BSC039N06NSATMA1 | PG-TDSON-8 |
| BSC040N08NS5 | SP001132452 | BSC040N08NS5ATMA1 | PG-TDSON-8 |
| BSC040N10NS5 | SP001295030 | BSC040N10NS5ATMA1 | PG-TDSON-8 |
| BSC050N10NS5 | SP001861032 | BSC050N10NS5ATMA1 | PG-TDSON-8 |
| BSC050NE2LS | SP000756340 | BSC050NE2LSATMA1 | PG-TDSON-8 |
| BSC052N03LS | SP000807602 | BSC052N03LSATMA1 | PG-TDSON-8 |
| BSC052N08NS5 | SP001232632 | BSC052N08NS5ATMA1 | PG-TDSON-8 |
| BSC061N08NS5 | SP001232634 | BSC061N08NS5ATMA1 | PG-TDSON-8 |
| BSC065N06LS5 | SP001385614 | BSC065N06LS5ATMA1 | PG-TDSON-8 |
| BSC066N06NS | SP001067000 | BSC066N06NSATMA1 | PG-TDSON-8 |
| BSC0702LS | SP001589462 | BSC0702LSATMA1 | PG-TDSON-8 |

PCN 2019-001-B

Capacity Extension for Dedicated OptiMOST™ Products in PG-TDSON-8
Package at Tongfu Microelectronics Co., Ltd.



| Sales name | SP number | OPN | Package |
|--------------|-------------|-------------------|------------|
| BSC0703LS | SP001614022 | BSC0703LSATMA1 | PG-TDSON-8 |
| BSC0704LS | SP001614068 | BSC0704LSATMA1 | PG-TDSON-8 |
| BSC070N10NS5 | SP001241596 | BSC070N10NS5ATMA1 | PG-TDSON-8 |

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Package at Tongfu Microelectronics Co., Ltd.



| Sales name | SP number | OPN | Package |
|--------------|-------------|-------------------|------------|
| BSC072N08NS5 | SP001232628 | BSC072N08NS5ATMA1 | PG-TDSON-8 |
| BSC0901NS | SP000800248 | BSC0901NSATMA1 | PG-TDSON-8 |
| BSC0901NSI | SP000819818 | BSC0901NSIATMA1 | PG-TDSON-8 |
| BSC0902NS | SP000800246 | BSC0902NSATMA1 | PG-TDSON-8 |
| BSC0902NSI | SP000854380 | BSC0902NSIATMA1 | PG-TDSON-8 |
| BSC0904NSI | SP000854384 | BSC0904NSIATMA1 | PG-TDSON-8 |
| BSC0906NS | SP000893360 | BSC0906NSATMA1 | 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 |
| BSC117N08NS5 | SP001295028 | BSC117N08NS5ATMA1 | PG-TDSON-8 |