

# Product/process change notification

PCN N° 2022-001-B **update**

- Updated information marked in **BLUE TYPE**
- Original PCN N° 2022-001-A dated 2022-05-30

Dear customer,

Attached please find an updated PCN 2022-001-B for your attention.

## Capacity Extension and Harmonization of Mould compound 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.



On 16 April 2020, Infineon acquired Cypress. We are now in the process of merging and consolidating our tools and processes for PCN, Information Notes, Errata and Product Discontinuance. For further details, please visit our website: <https://www.infineon.com/cms/en/about-infineon/company/cypress-acquisition/>

### Infineon Technologies AG

Postal address D-81726 München Internet [www.infineon.com](http://www.infineon.com) Headquarters Am Campeon 1-15, D-85579 Neubiberg Phone +49 (0)89 234-0

Chairman of the Supervisory Board Dr. Wolfgang Eder

Management Board Jochen Hanebeck (CEO), Constanze Hufenbecher, Dr. Sven Schneider, Andreas Urschitz, Dr. Rutger Wijburg

Registered office Neubiberg Commercial register Amtsgericht München HRB 126492

# Product/process change notification

PCN N° 2022-001-B

**update**

► **Products affected**

Please refer to attached affected product list 1\_cip22001\_a

► **Detailed change information**

**Subject**

Capacity extension and harmonization of mould compound at Tongfu Microelectronics Co. Ltd. for PG-TDSON-8 package

**Reason**

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

**Description**

**Assembly and final test location**

<u>Old</u>	<u>New</u>
<ul style="list-style-type: none"> <li>■ Infineon Technologies Malaysia Sdn. Bhd., Melaka</li> </ul> <p>and</p> <ul style="list-style-type: none"> <li>■ Subcontractor ATX (Weihai) Inc., China</li> </ul> <p>and</p> <ul style="list-style-type: none"> <li>■ Infineon Technologies Wuxi Co., Ltd., China</li> </ul> <p>and</p> <ul style="list-style-type: none"> <li>■ Subcontractor Tongfu Microelectronics Co. Ltd., China (partially)*</li> </ul>	<ul style="list-style-type: none"> <li>■ Infineon Technologies Malaysia Sdn. Bhd., Melaka</li> </ul> <p>and</p> <ul style="list-style-type: none"> <li>■ Subcontractor ATX (Weihai) Inc., China</li> </ul> <p>and</p> <ul style="list-style-type: none"> <li>■ Infineon Technologies Wuxi Co., Ltd., China</li> </ul> <p>and</p> <ul style="list-style-type: none"> <li>■ Subcontractor Tongfu Microelectronics Co. Ltd., China</li> </ul>

**Mould compound**

<ul style="list-style-type: none"> <li>■ Hitachi CEL 1772</li> </ul> <p>and</p> <ul style="list-style-type: none"> <li>■ Hitachi CEL 9240</li> </ul> <p>and</p> <ul style="list-style-type: none"> <li>■ <b>Hitachi CEL 9220</b></li> </ul>	<ul style="list-style-type: none"> <li>■ Hitachi CEL 9240</li> </ul>
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\*products released already with PCN 2019-001-A

# Product/process change notification

PCN N° 2022-001-B

**update**

- ▶ **Product identification**

Internal traceability via Baunumber, Lotnumber, date code and marking on device and external traceability via marking on device (details 3\_cip22001\_a)
  
- ▶ **Impact of change**

**NO** change on electrical and thermal performance  
**NO** impact on the device reliability as proven via product qualification and characterization.

**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

**Update** of package outline drawing in the datasheet (3\_cip22001\_a)
  
- ▶ **Attachments**

1_cip22001_a	affected product list
3_cip22001_a	customer information package
  
- ▶ **Time schedule**

	<b>2022-001-A</b>
■ Final qualification report	available
■ First samples available	on request
■ Intended start of delivery	2022-08-01 or earlier based on customer approval

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

<b>Sales Name</b>	<b>SP Number</b>	<b>Customer Part No.</b>
BSC007N04LS6	SP001629650	BSC007N04LS6ATMA1
BSC010N04LS	SP000928282	BSC010N04LSATMA1
BSC010NE2LS	SP000776124	BSC010NE2LSATMA1
BSC010NE2LSI	SP000854376	BSC010NE2LSIATMA1
BSC011N03LS	SP000799082	BSC011N03LSATMA1
BSC011N03LSI	SP000884574	BSC011N03LSIATMA1
BSC014N04LS	SP000871196	BSC014N04LSATMA1
BSC014N04LSI	SP000953212	BSC014N04LSIATMA1
BSC014N06NS	SP000924886	BSC014N06NSATMA1
BSC016N04LS G	SP000394801	BSC016N04LSGATMA1
BSC016N06NS	SP000924882	BSC016N06NSATMA1
BSC019N04LS	SP001067012	BSC019N04LSATMA1
BSC022N04LS	SP001059844	BSC022N04LSATMA1
BSC026N04LS	SP001067014	BSC026N04LSATMA1
BSC026N08NS5	SP001154276	BSC026N08NS5ATMA1
BSC027N06LS5	SP001385616	BSC027N06LS5ATMA1
BSC028N06NS	SP000917416	BSC028N06NSATMA1
BSC030N08NS5	SP001077098	BSC030N08NS5ATMA1
BSC032N04LS	SP001067018	BSC032N04LSATMA1
BSC034N06NS	SP001067010	BSC034N06NSATMA1
BSC034N10LS5	SP001385620	BSC034N10LS5ATMA1
BSC035N10NS5	SP001229628	BSC035N10NS5ATMA1
BSC036NE7NS3 G	SP000907920	BSC036NE7NS3GATMA1
BSC039N06NS	SP000985386	BSC039N06NSATMA1
BSC040N10NS5	SP001295030	BSC040N10NS5ATMA1
BSC050NE2LS	SP000756340	BSC050NE2LSATMA1
BSC066N06NS	SP001067000	BSC066N06NSATMA1
BSC0901NS	SP000800248	BSC0901NSATMA1
BSC0901NSI	SP000819818	BSC0901NSIATMA1
BSC0902NS	SP000800246	BSC0902NSATMA1
BSC0904NSI	SP000854384	BSC0904NSIATMA1
BSC0906NS	SP000893360	BSC0906NSATMA1
BSC093N15NS5	SP001279590	BSC093N15NS5ATMA1
BSC098N10NS5	SP001241598	BSC098N10NS5ATMA1

BSC110N15NS5	SP001181418	BSC110N15NS5ATMA1
BSC117N08NS5	SP001295028	BSC117N08NS5ATMA1
BSC12DN20NS3 G	SP000781774	BSC12DN20NS3GATMA1
BSC160N15NS5	SP001181422	BSC160N15NS5ATMA1
BSC320N20NS3 G	SP000676410	BSC320N20NS3GATMA1
BSC350N20NSFD	SP001108124	BSC350N20NSFDATMA1
BSC500N20NS3 G	SP000998292	BSC500N20NS3GATMA1
BSC600N25NS3 G	SP000676402	BSC600N25NS3GATMA1
BSC670N25NSFD	SP001107234	BSC670N25NSFDATMA1
BSC900N20NS3 G	SP000781780	BSC900N20NS3GATMA1