

Product / Process Change Notification



N° 2018-006-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Capacity Extension for Dedicated OptiMOS™ 40V and 60V Products at Infineon Technologies Sdn. Bhd., Kulim, Malaysia

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 **16. March 2018**.
- 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 1-15, 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_cip18006_a)

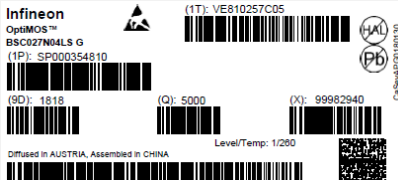
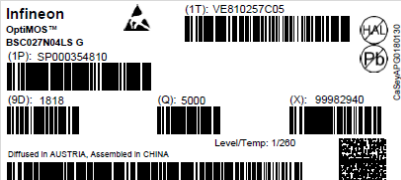

► **Detailed Change Information:**

Subject:

- Extension of 200mm wafer production capacity for OptiMOS™ 40V and 60V at Infineon Technologies Sdn. Bhd., Kulim, Malaysia as an additional wafer production site
- Standardization of mould compound for TO252-3 package

Reason:

- Implementation of second production site to support continuously increasing customer demand in the future
- Infineon is standardizing mould compound for all of its OptiMOS™ 40V and 60V products in TO252-3 package to reduce complexity within the production chain

Description:	<u>Old</u>	<u>New</u>
Wafer production:	<ul style="list-style-type: none"> ■ Infineon Technologies Austria AG, Villach, Austria 	<ul style="list-style-type: none"> ■ Infineon Technologies Austria AG, Villach, Austria <p>and</p> <ul style="list-style-type: none"> ■ Infineon Technologies Sdn. Bhd., Kulim, Malaysia
Lot number & Label:	<ul style="list-style-type: none"> ■ VExxxxxx (FE Villach) 	<ul style="list-style-type: none"> ■ VExxxxxx (FE Villach)  <p>and</p> <ul style="list-style-type: none"> ■ PFxxxxxx (FE Kulim) 

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Standardizing mould compound TO252 package:

- Shinetsu KMC 2110
- and
- Nitto MP 8000

- Shinetsu KMC 2110

► Product Identification:

Internal traceability assured via Baunumber, Lotnumber and date code

External traceability assured via Waferlot number printed on Barcode Product Label (refer to section "Lot number & Label" – page 2)

► Impact of Change:

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

NO change in existing datasheet parameters

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

► Attachments:

- 1_cip18006_a Affected Product List
- 2_cip18006_a Qualification Report

► Time Schedule:

- | | |
|-------------------------------|--|
| ■ Final qualification report: | 30.01.2018 |
| ■ First samples available: | on request |
| ■ Intended start of delivery: | 2018-05-01 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™ 40V and 60V products at Infineon



Sales Name	SP number	OPN	Package
BSC018N04LS G	SP000388293	BSC018N04LSGATMA1	PG-TDSON-8
BSC019N04NS G	SP000388299	BSC019N04NSGATMA1	PG-TDSON-8
BSC027N04LS G	SP000354810	BSC027N04LSGATMA1	PG-TDSON-8
BSC028N06LS3 G	SP000453652	BSC028N06LS3GATMA1	PG-TDSON-8
BSC030N04NS G	SP000354811	BSC030N04NSGATMA1	PG-TDSON-8
BSC031N06NS3 G	SP000451482	BSC031N06NS3GATMA1	PG-TDSON-8
BSC035N04LS G	SP000391503	BSC035N04LSGATMA1	PG-TDSON-8
BSC050N04LS G	SP000354806	BSC050N04LSGATMA1	PG-TDSON-8
BSC054N04NS G	SP000354808	BSC054N04NSGATMA1	PG-TDSON-8
BSC059N04LS G	SP000391499	BSC059N04LSGATMA1	PG-TDSON-8
BSC067N06LS3 G	SP000451084	BSC067N06LS3GATMA1	PG-TDSON-8
BSC067N06LS3 G E8215	SP001635980	BSC067N06LS3GE8215ATMA1	PG-TDSON-8
BSC076N06NS3 G	SP000453656	BSC076N06NS3GATMA1	PG-TDSON-8
BSC093N04LS G	SP000387929	BSC093N04LSGATMA1	PG-TDSON-8
BSC100N06LS3 G	SP000453664	BSC100N06LS3GATMA1	PG-TDSON-8
BSC110N06NS3 G	SP000453668	BSC110N06NS3GATMA1	PG-TDSON-8
BSZ040N04LS G	SP000388295	BSZ040N04LSGATMA1	PG-TSDSON-8
BSZ042N04NS G	SP000388300	BSZ042N04NSGATMA1	PG-TSDSON-8
BSZ067N06LS3 G	SP000451080	BSZ067N06LS3GATMA1	PG-TSDSON-8
BSZ076N06NS3 G	SP000454420	BSZ076N06NS3GATMA1	PG-TSDSON-8
BSZ097N04LS G	SP000388296	BSZ097N04LSGATMA1	PG-TSDSON-8
BSZ100N06LS3 G	SP000453672	BSZ100N06LS3GATMA1	PG-TSDSON-8
BSZ100N06LS3 G E8196	SP001411388	BSZ100N06LS3GE8196ATMA1	PG-TSDSON-8
BSZ105N04NS G	SP000388301	BSZ105N04NSGATMA1	PG-TSDSON-8
BSZ110N06NS3 G	SP000453676	BSZ110N06NS3GATMA1	PG-TSDSON-8
BSZ165N04NS G	SP000391523	BSZ165N04NSGATMA1	PG-TSDSON-8
IPA032N06N3 G	SP000453608	IPA032N06N3GXKSA1	PG-TO220-3
IPA041N04N G	SP001191328	IPA041N04NGXKSA1	PG-TO220-3
IPA057N06N3 G	SP000457582	IPA057N06N3GXKSA1	PG-TO220-3
IPA057N06N3 G E8191	SP001214398	IPA057N06N3GE8191XKSA1	PG-TO220-3
IPA093N06N3 G	SP000451088	IPA093N06N3GXKSA1	PG-TO220-3
IPB011N04L G	SP000391498	IPB011N04LGATMA1	PG-TO263-7
IPB011N04N G	SP000388298	IPB011N04NGATMA1	PG-TO263-7
IPB015N04L G	SP000387948	IPB015N04LGATMA1	PG-TO263-3
IPB015N04N G	SP000391522	IPB015N04NGATMA1	PG-TO263-3
IPB016N06L3 G	SP000453040	IPB016N06L3GATMA1	PG-TO263-7
IPB017N06N3 G	SP000434404	IPB017N06N3GATMA1	PG-TO263-7
IPB019N06L3 G	SP000453020	IPB019N06L3GATMA1	PG-TO263-3
IPB020N04N G	SP000359157	IPB020N04NGATMA1	PG-TO263-7
IPB029N06N3 G	SP000453052	IPB029N06N3GATMA1	PG-TO263-3
IPB029N06N3 G E8187	SP000939334	IPB029N06N3GE8187ATMA1	PG-TO263-3
IPB034N06L3 G	SP000398062	IPB034N06L3GATMA1	PG-TO263-3
IPB037N06N3 G	SP000397986	IPB037N06N3GATMA1	PG-TO263-3
IPB054N06N3 G	SP000446782	IPB054N06N3GATMA1	PG-TO263-3
IPB081N06L3 G	SP000398076	IPB081N06L3GATMA1	PG-TO263-3
IPB090N06N3 G	SP000398042	IPB090N06N3GATMA1	PG-TO263-3
IPD031N06L3 G	SP000451076	IPD031N06L3GATMA1	PG-TO252-3
IPD031N06L3 G	SP001195072	IPD031N06L3GATMA2	PG-TO252-3
IPD034N06N3 G	SP000451070	IPD034N06N3GATMA1	PG-TO252-3
IPD036N04L G	SP000387945	IPD036N04LGBTMA1	PG-TO252-3
IPD038N06N3 G	SP000397994	IPD038N06N3GATMA1	PG-TO252-3

