

Product / Process Change Notification



N° 2015-061-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Implementation of 300mm wafer diameter, capacity extension for CoolMOS™ and conversion to halogen free mold compound for DPAK/IPAK.

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 **27. July 2015**.
- 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."
- This PCN includes a **Product Discontinuation Notice** (JEDEC STANDARD "JESD48") on pages 6/7

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).

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- SUBJECT OF CHANGE:**
- Implementation of 300mm wafer diameter.
 - Extension of wafer production capacity.
 - Conversion to halogen free mold compound for DPAK products at subcontractor Nantong Fujitsu Microelectronics Co., Ltd. (NFME), Nantong, China and IFX Malacca, Malaysia.

PRODUCTS AFFECTED: See 1_cip15061a

REASON OF CHANGE: Capacity Extension for 300mm wafer production and Introduction of halogen free DPAK at subcontractor Nantong Fujitsu Microelectronics Co., Ltd. (NFME), Nantong, China and Malacca, Malaysia.

DESCRIPTION OF CHANGE:	<u>OLD</u>	<u>NEW</u>
<ul style="list-style-type: none"> ■ Wafer production site with wafer diameter: 	<p>Infineon Technologies Austria AG, Villach, Austria (200mm)</p> <p>Infineon Technologies (Kulim) Sdn. Bhd., Malaysia (200mm)</p>	<p>Infineon Technologies Austria AG, Villach, Austria (200mm and 300mm)</p> <p>Infineon Technologies (Kulim) Sdn. Bhd., Malaysia (200mm)</p> <p>Infineon Technologies Dresden GmbH, Germany (300mm)</p>
<ul style="list-style-type: none"> ■ DPAK Halogen Free Production: 	<p>Non halogen free production at IFX Malacca, Malaysia and subcontractor NFME, China.</p> <p>Halogen free production at IFX Malacca, Malaysia.</p>	<p>Halogen free production at IFX Malacca, Malaysia and subcontractor NFME, China.</p>

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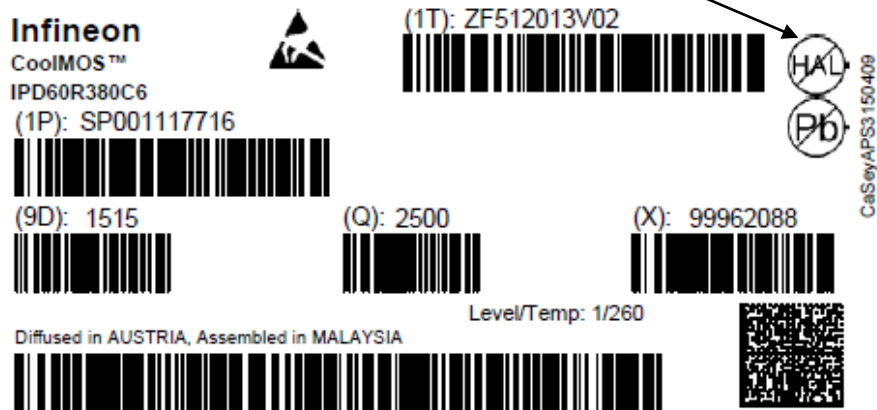
PRODUCT IDENTIFICATION:

1. Internal traceability: assured via baunumber, lotnumber and date code
2. External traceability: new SP number for Halogen free products.
3. Lotnumber printed on Barcode Product Label:

VExxxxxx = IFX Villach, 200mm production

1Exxxxxx = IFX Kulim, 200mm production
PFxxxxxx = IFX Kulim, 200mm production

ZFxxxxxx = IFX Dresden, 300mm production
VFxxxxxx = IFX Villach, 300mm production
4. Halogen Free Logo printed on Barcode Product Label:



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5. Marking Pattern for DPAK/IPAK, comparison

Non Halogen free: G + 4 digits

Halogen free: H + 4 digits

Subcon NFME
Non Halogen Free



Subcon NFME
Halogen Free



Malacca
Non Halogen Free



PRODUCTION
LQTCODE

Malacca
Halogen Free



PRODUCTION
LQTCODE

TIME SCHEDULE:

■ Final qualification report:	Available	
■ First samples available:	Available	
■ Start of delivery:	01.08.2015 or earlier by approval of PCN by customer.	
■ Last order date of unchanged product:	15. September 2015	See pages 6/7
■ Last delivery date of unchanged product:	15. December 2015	See pages 6/7

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ASSESSMENT:

Product Quality and Reliability remains the same as proven by product and wafer technology qualification.
Product data sheets with all electrical characteristics remain unchanged.
Processes are optimized to meet identical product performance according to the existing Infineon specifications.

DOCUMENTATION:

Affected Products List **1_cip15061a**

PRODUCT DISCONTINUATION

PD15061



referring to PCN N° 2015-061-A

■ Last order date of unchanged product:	2015-09-15
■ Last delivery date of unchanged product	2015-12-15

DISCONTINUED				NEW (REPLACEMENT)			
Device	SP N°	OPN	Package	Device	SP N°	OPN	Package
IPD50R280CE	SP000992082	IPD50R280CEBTMA1	PG-TO252-3	IPD50R280CE	SP001117680	IPD50R280CEATMA1	PG-TO252-3
IPD50R380CE	SP000992080	IPD50R380CEBTMA1	PG-TO252-3	IPD50R380CE	SP001117698	IPD50R380CEATMA1	PG-TO252-3
IPD50R500CE	SP000988424	IPD50R500CEBTMA1	PG-TO252-3	IPD50R500CE	SP001117704	IPD50R500CEATMA1	PG-TO252-3
IPD50R650CE	SP000992078	IPD50R650CEBTMA1	PG-TO252-3	IPD50R650CE	SP001117708	IPD50R650CEATMA1	PG-TO252-3
IPD50R800CE	SP000992076	IPD50R800CEBTMA1	PG-TO252-3	IPD50R800CE	SP001117710	IPD50R800CEATMA1	PG-TO252-3
IPD50R950CE	SP000992070	IPD50R950CEBTMA1	PG-TO252-3	IPD50R950CE	SP001117712	IPD50R950CEATMA1	PG-TO252-3
IPD50R950CE	SP000992070	IPD50R950CEBTMA1	PG-TO252-3	IPD50R950CE	SP001117712	IPD50R950CEATMA1	PG-TO252-3
IPD60R1K4C6	SP000799134	IPD60R1K4C6BTMA1	PG-TO252-3	IPD60R1K4C6	SP001292870	IPD60R1K4C6ATMA1	PG-TO252-3
IPD60R1K4C6	SP000799134	IPD60R1K4C6BTMA1	PG-TO252-3	IPD60R1K4C6	SP001292870	IPD60R1K4C6ATMA1	PG-TO252-3
IPD60R380C6	SP000660628	IPD60R380C6BTMA1	PG-TO252-3	IPD60R380C6	SP001117716	IPD60R380C6ATMA1	PG-TO252-3
IPD60R380E6	SP001105392	IPD60R380E6BTMA1	PG-TO252-3	IPD60R380E6	SP001120378	IPD60R380E6ATMA2	PG-TO252-3
IPD60R380P6	SP001017052	IPD60R380P6BTMA1	PG-TO252-3	IPD60R380P6	SP001135814	IPD60R380P6ATMA1	PG-TO252-3
IPD60R450E6	SP000801092	IPD60R450E6BTMA1	PG-TO252-3	IPD60R450E6	SP001117720	IPD60R450E6ATMA1	PG-TO252-3
IPD60R520C6	SP000645070	IPD60R520C6BTMA1	PG-TO252-3	IPD60R520C6	SP001117722	IPD60R520C6ATMA1	PG-TO252-3
IPD60R600C6	SP000660622	IPD60R600C6BTMA1	PG-TO252-3	IPD60R600C6	SP001117726	IPD60R600C6ATMA1	PG-TO252-3
IPD60R600E6	SP000797374	IPD60R600E6BTMA1	PG-TO252-3	IPD60R600E6	SP001117094	IPD60R600E6ATMA1	PG-TO252-3
IPD60R600P6	SP001017050	IPD60R600P6BTMA1	PG-TO252-3	IPD60R600P6	SP001178242	IPD60R600P6ATMA1	PG-TO252-3
IPD60R750E6	SP000801094	IPD60R750E6BTMA1	PG-TO252-3	IPD60R750E6	SP001117728	IPD60R750E6ATMA1	PG-TO252-3

PRODUCT DISCONTINUATION

PD15061



referring to PCN N° 2015-061-A

DISCONTINUED				NEW (REPLACEMENT)			
Device	SP N°	OPN	Package	Device	SP N°	OPN	Package
IPD60R950C6	SP000629368	IPD60R950C6BTMA1	PG-TO252-3	IPD60R950C6	SP001117730	IPD60R950C6ATMA1	PG-TO252-3
IPU50R950CE	SP001022956	IPU50R950CEBKMA1	PG-TO251-3	IPU50R950CE	SP001292872	IPU50R950CEAKMA1	PG-TO251-3
IPU60R1K0CE	SP001276056	IPU60R1K0CEBKMA1	PG-TO251-3	IPU60R1K0CE	SP001369532	IPU60R1K0CEAKMA1	PG-TO251-3
IPU60R1K4C6	SP000931530	IPU60R1K4C6BKMA1	PG-TO251-3	IPU60R1K4C6	SP001292874	IPU60R1K4C6AKMA1	PG-TO251-3
IPU60R1K5CE	SP001276062	IPU60R1K5CEBKMA1	PG-TO251-3	IPU60R1K5CE	SP001369534	IPU60R1K5CEAKMA1	PG-TO251-3
IPU60R600C6	SP000931534	IPU60R600C6BKMA1	PG-TO251-3	IPU60R600C6	SP001292878	IPU60R600C6AKMA1	PG-TO251-3
IPU60R950C6	SP000931532	IPU60R950C6BKMA1	PG-TO251-3	IPU60R950C6	SP001292888	IPU60R950C6AKMA1	PG-TO251-3

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