

Product / Process Change Notification



N° 2019-054-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Several changes affecting OPTIMOS™-5 Power-Transistor 80V & 100V products

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 **13th August 2020**.
- Infineon aligns with the widely-recognized JEDEC STANDARD “**JEESD46**“, 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
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Chairman of the Supervisory Board: Dr. Wolfgang Eder
Management Board: Dr. Reinhard Ploss (CEO), Dr. Helmut Gassel, Jochen Hanebeck, Dr. Sven Schneider
Registered Office: Neubiberg
Commercial Register: München HRB 126492

Product / Process Change Notification



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► **Products affected:**

Please refer to attached affected product list 1_cip19054_A

► **Detailed Change Information:**

Subject:

Several changes affecting OPTIMOS™-5 Power-Transistor 80V & 100V products.

- Introduction of an additional wafer production and wafer test location Infineon Technologies Dresden GmbH, Dresden, Germany for SFET5 80V and 100V
- Introduction of an additional wafer diameter 300mm for SFET5 80V and 100V
- Correction of Data Sheet information for 2 products
- Change of chip layout for 4 products

Reason:

Expansion of wafer production to assure continuity of supply and enable flexible manufacturing

Description:

	<u>Old</u>	<u>New</u>
wafer production location and wafer test location	<ul style="list-style-type: none"> ■ Infineon Technologies Austria AG, Villach, Austria 	<ul style="list-style-type: none"> ■ Infineon Technologies Austria AG, Villach, Austria or Infineon Technologies Dresden GmbH, Dresden, Germany
wafer diameter	<ul style="list-style-type: none"> ■ 8 inch 	<ul style="list-style-type: none"> ■ 8 inch or 12 inch
Change of active area dimension	<ul style="list-style-type: none"> ■ SP001434098 ■ SP001780754 ■ SP001780758 ■ SP001780762 	<ul style="list-style-type: none"> ■ SP001585160 (0,5% smaller) ■ SP001780754 (0,7% smaller) ■ SP001780758 (1,0% smaller) ■ SP001780762 (1,8% smaller)
Data Sheet Correction	<ul style="list-style-type: none"> ■ IAUT150N10S5N035 Rev01.00 ■ IAUT260N10S5N019 Rev01.00 	<ul style="list-style-type: none"> ■ IAUT150N10S5N035 Rev02.00 ■ IAUT260N10S5N019 Rev02.00
SP Ordering number	<ul style="list-style-type: none"> ■ IAUT300N08S5N012 - SP001434098 	<ul style="list-style-type: none"> ■ IAUT300N08S5N012 - SP001585160

► **Product Identification:**

Wafer lot numbers from Villach start with VExxxxxx.

Wafer lot numbers from Dresden start with ZFxxxxxx.

Traceability assured via date code.

Change in SP ordering number only for 1 product (IAUT300N08S5N012). No change in SP ordering number for remaining products.

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► **Impact of Change:**

Based on the qualification performed, Infineon does not see any negative impact on quality, function and reliability. No change in fit, form and function.

DeQuMa-IDs: SEM-DS-02 / SEM-DE-03 / SEM-PW-02 / SEM-PW-13 / SEM-TF-01

► **Attachments:**

Affected product list 1_cip19054_A

► **Time Schedule:**

- Final qualification report: available
- First samples available: on request
- Intended start of delivery: 04-January-2021 or earlier after customer approval

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

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Sales name	SP number	OPN	Package
IAUC100N08S5N031	SP001780754	IAUC100N08S5N031ATMA1	PG-TDSON-8-34
IAUC100N08S5N043	SP001780758	IAUC100N08S5N043ATMA1	PG-TDSON-8-34
IAUC70N08S5N074	SP001780762	IAUC70N08S5N074ATMA1	PG-TDSON-8-33
IAUS165N08S5N029	SP001643350	IAUS165N08S5N029ATMA1	PG-HSOG-8-1
IAUS300N08S5N012	SP001643336	IAUS300N08S5N012ATMA1	PG-HSOG-8-1
IAUT150N10S5N035	SP001416126	IAUT150N10S5N035ATMA1	PG-HSOF-8-1
IAUT165N08S5N029	SP001585162	IAUT165N08S5N029ATMA2	PG-HSOF-8-1
IAUT200N08S5N023	SP001688332	IAUT200N08S5N023ATMA1	PG-HSOF-8-1
IAUT240N08S5N019	SP001685094	IAUT240N08S5N019ATMA1	PG-HSOF-8-1
IAUT260N10S5N019	SP001676336	IAUT260N10S5N019ATMA1	PG-HSOF-8-1
IAUT300N08S5N012	SP001434098	IAUT300N08S5N012ATMA1	PG-HSOF-8-1
IAUT300N08S5N012	SP001585160	IAUT300N08S5N012ATMA2	PG-HSOF-8-1
IAUT300N08S5N014	SP001688336	IAUT300N08S5N014ATMA1	PG-HSOF-8-1
IAUT300N10S5N015	SP001416130	IAUT300N10S5N015ATMA1	PG-HSOF-8-1