

# Product / Process Change Notification



N° 2020-034-A

Dear Customer,

please find attached our INFINEON Technologies PCN:

## Several changes affecting Gen5N Mosfets for DSO8 package

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 2021-01-26.
- 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."  
Notwithstanding the aforesaid individual agreements shall prevail.

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

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## Products affected

Please refer to attached affected product list 1\_cip20034\_A

## Detailed Change Information

**Subject:** Several changes affecting Gen5N Mosfets for DSO8 package

**Reason / Motivation:** Production Consolidation

Description	Old	New
<b>PROCESS - WAFER PRODUCTION:</b> New / change of metallization (specifically chip backside)	Cr/Ni/Ag Sputter Process	Ti/Ni/Ag Evaporation Process
<b>PROCESS - WAFER PRODUCTION:</b> New / change of metallization (specifically chip frontside)	Al/Si	Al/Si/Cu
<b>PROCESS - WAFER PRODUCTION:</b> Move of all or part of wafer fab to a different location/site/subcontractor	Infineon Technologies Americas Corp., Temecula, United States	EPISIL Technologies Inc.
<b>PROCESS - ASSEMBLY:</b> Change of product marking	Site location code"C"	Site location code"/P"
<b>PROCESS - ASSEMBLY:</b> Move of all or part of assembly to a different location/site/subcontractor.	Carsem (M) Sdn.Bhd.	Carsem (M) Sdn.Bhd. and Amkor Technology Malaysia Sdn Bhd
<b>TEST FLOW:</b> Move of all or part of electrical wafer test and/or final test to a different location/site/subcontractor	Wafer Probe site: Infineon Technologies Americas Corp., Temecula, United States Final Test site: Carsem (M) Sdn.Bhd.	Wafer Probe site: EPISIL Technologies Inc. Final Test site: Carsem (M) Sdn.Bhd. and Amkor Technology Malaysia Sdn Bhd

## Product Identification

Traceability assured via lot number and date code.

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## Anticipated Impact of Change

No expected impact on electrical performance. Quality and reliability verified by qualification.

DeQuMa-ID(s): SEM-PW-06 / SEM-PW-07 / SEM-PW-13 / SEM-PA-13 / SEM-PA-18 / SEM-TF-01

## Attachments

1_cip20034_A	affected product list
3_cip20034_A	customer information package

## Time Schedule

Final qualification report	2020-10-05
First samples available	2020-10-05
Intended start of delivery [1]	2021-06-30
Last Order Date (LOD) [2]	2021-04-30
Last Delivery Date (LDD) [3]	2021-10-31

[1] provided date or earlier after customer approval

[2] Last time buy volume to be placed latest until LOD

[3] Delivery of new product can be earlier (see Intended start of delivery) and depends on approval

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

**PCN N° 2020-034-A**  
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<b>Sales name</b>	<b>SP number</b>	<b>OPN</b>	<b>Package</b>
94-3359PBF	SP001519040	94-3359PBF	PG-DSO-8-902
94-3629PBF	SP001516342	94-3629PBF	PG-DSO-8-902
94-3653PBF	SP001520028	94-3653PBF	PG-DSO-8-902
AUIRF7103QTR	SP001517980	AUIRF7103QTR	PG-DSO-8-902
AUIRF7313QTR	SP001519208	AUIRF7313QTR	PG-DSO-8-902
AUIRF7341QTR	SP001515768	AUIRF7341QTR	PG-DSO-8-902