

Product/process change notification

PCN N° 2021-136-A

Dear customer,

Please find attached our Infineon Technologies AG PCN:

Introduction of an additional wafer production site at Infineon Technologies (Kulim) Sdn. Bhd., Kulim, Malaysia and change of wafer diameter from 150mm to 200mm for several G5.5 MOSFET

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 **2021-12-08**
- 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 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.



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
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► **Products affected**

Please refer to attached affected product list 1_cip21136_a

► **Detailed change information**

Subject Introduction of an additional wafer production at Infineon Technologies Kulim, Malaysia and change of wafer diameter from 150mm to 200mm for several G5.5 MOSFET

Reason The wafer production of the affected products will be extended to Infineon Technologies Kulim, according to global Infineon production strategy

Description

Old

New

- Refer to 3_cip21136_a

► **Product identification**

External traceability: assured via Wafer lot number & country of diffusion
Country of diffusion:

- United States = “Infineon Technologies Temecula” production
- Taiwan = “EPISIL Technologies Inc.” production
- Malaysia = “Infineon Technologies Kulim” production
- China = “Sichuan Gen Microelectronics co. LTD” production

► **Impact of change**

NO change of electrical and thermal parameters 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_cip21136_a	affected product list
2_cip21136_a	qualification report
3_cip21136_a	customer information package

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► Time schedule

■ Final qualification report	Available
■ First samples available	2022 January
■ Intended start of delivery	2022 March

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

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to 200mm for several G5.5 MOSFET

Sales name	SP number	OPN	Package
IRF640NLPBF	SP001563296	IRF640NLPBF	PG-TO262-3
IRF640NPBF	SP001570078	IRF640NPBF	PG-TO220-3
IRF640NSTRLPBF	SP001561810	IRF640NSTRLPBF	PG-TO263-3