

Product/process change notification

PCN N° 2021-082-A

Dear customer,

Please find attached our Infineon Technologies AG PCN:

Change of wafer production location from Infineon Technologies Temecula, USA to Sichuan Gen Microelectronics co.LTD, China for several Gen 5.4 and Gen 7.5 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 **2021-10-12**
- 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_cip21082_a

► **Detailed change information**

Subject Change of wafer production location from Infineon Technologies Temecula, USA to Sichuan Gen Microelectronics co.LTD, China for several Gen 5.4 and Gen 7.5 MOSFET

Reason The wafer production of the affected products will be transferred to Sichuan Gen Microelectronics co.LTD according to global Infineon production strategy.

Description

Old

New

- Refer to 3_cip21082_a

► **Product identification**

External traceability: assured via wafer lot number & country of diffusion

Country of diffusion:

- United States = “Infineon Technologies Temecula” 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_cip21082_a	affected product list
2_cip21082_a	qualification reports
3_cip21082_a	additional document

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► Time schedule

■ Final qualification report	available
■ First samples available	on request
■ Intended start of delivery	November 2021 (depending on PCN acceptance)

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	Related Qual Report
64-4158PBF	SP001561180	64-4158PBF	PG-TO252-3	MOSFET G7.5N 40V-100V 450A 600A
IRF2204PBF	SP001576552	IRF2204PBF	PG-TO220-3	MOSFET G7.5N 40V-100V 450A 600A
IRF2204SPBF	SP001563220	IRF2204SPBF	PG-TO263-3	MOSFET G7.5N 40V-100V 450A 600A
IRF2805PBF	SP001559506	IRF2805PBF	PG-TO220-3	MOSFET G7.5N 40V-100V 450A 600A
IRF2805STRLPBF	SP001561594	IRF2805STRLPBF	PG-TO263-3	MOSFET G7.5N 40V-100V 450A 600A
IRF3007PBF	SP001571144	IRF3007PBF	PG-TO220-3	MOSFET G7.5N 40V-100V 450A 600A
IRF3007STRLPBF	SP001563186	IRF3007STRLPBF	PG-TO263-3	MOSFET G7.5N 40V-100V 450A 600A
IRF3610STRLPBF	SP001574654	IRF3610STRLPBF	PG-TO263-3	MOSFET G7.5N 40V-100V 450A 600A
IRF3808PBF	SP001563250	IRF3808PBF	PG-TO220-3	MOSFET G7.5N 40V-100V 450A 600A
IRF3808STRLPBF	SP001559612	IRF3808STRLPBF	PG-TO263-3	MOSFET G7.5N 40V-100V 450A 600A
IRF5801TRPBF	SP001570104	IRF5801TRPBF	PG-TSOP-6	MOSFET G5.4N 150V-200V 1500A
IRF5802TRPBF	SP001561828	IRF5802TRPBF	PG-TSOP-6	MOSFET G5.4N 150V-200V 1500A
IRF7380TRPBF	SP001574936	IRF7380TRPBF	PG-DSO-8	MOSFET G7.5N 40V-100V 450A 600A
IRF7451TRPBF	SP001554272	IRF7451TRPBF	PG-DSO-8	MOSFET G5.4N 150V-200V 1500A
IRF7465TRPBF	SP001555398	IRF7465TRPBF	PG-DSO-8	MOSFET G5.4N 150V-200V 1500A
IRF7490TRPBF	SP001563766	IRF7490TRPBF	PG-DSO-8	MOSFET G7.5N 40V-100V 450A 600A
IRF8010PBF	SP001575444	IRF8010PBF	PG-TO220-3	MOSFET G7.5N 40V-100V 450A 600A
IRF8010STRLPBF	SP001565774	IRF8010STRLPBF	PG-TO263-3	MOSFET G7.5N 40V-100V 450A 600A
IRFB38N20DPBF	SP001556010	IRFB38N20DPBF	PG-TO220-3	MOSFET G5.4N 150V-200V 1500A
IRFB52N15DPBF	SP001572332	IRFB52N15DPBF	PG-TO220-3	MOSFET G5.4N 150V-200V 1500A
IRFL4315TRPBF	SP001556696	IRFL4315TRPBF	PG-SOT223-3	MOSFET G5.4N 150V-200V 1500A
IRFP90N20DPBF	SP001552070	IRFP90N20DPBF	PG-TO247-3	MOSFET G5.4N 150V-200V 1500A
IRFR15N20DTRPBF	SP001555046	IRFR15N20DTRPBF	PG-TO252-3	MOSFET G5.4N 150V-200V 1500A
IRFR24N15DTRPBF	SP001578104	IRFR24N15DTRPBF	PG-TO252-3	MOSFET G5.4N 150V-200V 1500A
IRFR3410TRLPBF	SP001572792	IRFR3410TRLPBF	PG-TO252-3	MOSFET G7.5N 40V-100V 450A 600A
IRFR3410TRPBF	SP001578202	IRFR3410TRPBF	PG-TO252-3	MOSFET G7.5N 40V-100V 450A 600A
IRFS38N20DTRLP	SP001567672	IRFS38N20DTRLP	PG-TO263-3	MOSFET G5.4N 150V-200V 1500A

IRFS52N15DTRLP	SP001578238	IRFS52N15DTRLP	PG-TO263-3	MOSFET G5.4N 150V-200V 1500A
IRFS52N15DTRRP	SP001568000	IRFS52N15DTRRP	PG-TO263-3	MOSFET G5.4N 150V-200V 1500A
IRFU3410PBF	SP001578398	IRFU3410PBF	PG-TO251-3	MOSFET G7.5N 40V-100V 450A 600A
IRLR2908TRPBF	SP001553170	IRLR2908TRPBF	PG-TO252-3	MOSFET G7.5N 40V-100V 450A 600A
IRLR3105TRPBF	SP001578856	IRLR3105TRPBF	PG-TO252-3	MOSFET G7.5N 40V-100V 450A 600A
IRLR3915TRPBF	SP001558938	IRLR3915TRPBF	PG-TO252-3	MOSFET G7.5N 40V-100V 450A 600A