

Product / Process Change Notification



N° 2021-024-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Change of wafer production location from Infineon Technologies Temecula, USA to Sichuan Gen Microelectronics co.LTD, China for several Gen5 and Gen 7 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 **9 April 2021**.
- 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 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
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Product / Process Change Notification



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► **Products affected:**

Please refer to attached affected product list 1_cip21024_a

► **Detailed Change Information:**

Subject: Change of wafer production location from Infineon Technologies Temecula, USA to Sichuan Gen Microelectronics co.LTD, China for several Gen5 and Gen 7 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_cip21024_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
- Taiwan = "EPISIL Technologies Inc." 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_cip21024_a affected product list

3_cip21024_a additional document

► **Time Schedule:**

- Final qualification report: available
- First samples available: on request
- Intended start of delivery: June 2021 (depending on PCN acceptance)

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

Sales Name	Change Description		Bills of Materials (Old)	Bills of Materials (New)	Sales Product (Old)	Sales Product (New)	Country of Diffusion (Old)	Country of Diffusion (New)
	Wafer Fab Location (Old)	Wafer Fab Location (New)						
IRF13205PBF	1) Infineon Technologies Temecula, USA 2) EPISIL Technologies Inc.	1) EPISIL Technologies Inc. 2) Sichuan Gen Microelectronics co.LTD, China	KMC-120MK (Mold Compound) *For parts manufactured in GTBF	KMC4500 (Mold Compound) *For parts manufactured in GTBF	No change	No change	1) United States = "Infineon Technologies Temecula" production 2) Taiwan = "EPISIL Technologies Inc." production	1) Taiwan = "EPISIL Technologies Inc." production 2) China = "Sichuan Gen Microelectronics co.LTD" production
IRFL014NTRPBF	1) Infineon Technologies Temecula, USA 2) EPISIL Technologies Inc.	1) EPISIL Technologies Inc. 2) Sichuan Gen Microelectronics co.LTD, China	No change	No change	No change	No change	1) United States = "Infineon Technologies Temecula" production 2) Taiwan = "EPISIL Technologies Inc." production	1) Taiwan = "EPISIL Technologies Inc." production 2) China = "Sichuan Gen Microelectronics co.LTD" production
IRFL024NTRPBF	1) Infineon Technologies Temecula, USA 2) EPISIL Technologies Inc.	1) EPISIL Technologies Inc. 2) Sichuan Gen Microelectronics co.LTD, China	No change	No change	No change	No change	1) United States = "Infineon Technologies Temecula" production 2) Taiwan = "EPISIL Technologies Inc." production	1) Taiwan = "EPISIL Technologies Inc." production 2) China = "Sichuan Gen Microelectronics co.LTD" production
IRFZ44ESTRLPBF	1) Infineon Technologies Temecula, USA 2) EPISIL Technologies Inc.	1) EPISIL Technologies Inc. 2) Sichuan Gen Microelectronics co.LTD, China	No change	No change	No change	No change	1) United States = "Infineon Technologies Temecula" production 2) Taiwan = "EPISIL Technologies Inc." production	1) Taiwan = "EPISIL Technologies Inc." production 2) China = "Sichuan Gen Microelectronics co.LTD" production
IRFZ44ESTRRPBF	1) Infineon Technologies Temecula, USA 2) EPISIL Technologies Inc.	1) EPISIL Technologies Inc. 2) Sichuan Gen Microelectronics co.LTD, China	No change	No change	No change	No change	1) United States = "Infineon Technologies Temecula" production 2) Taiwan = "EPISIL Technologies Inc." production	1) Taiwan = "EPISIL Technologies Inc." production 2) China = "Sichuan Gen Microelectronics co.LTD" production
IRFIZ24NPBF	1) Infineon Technologies Temecula, USA 2) EPISIL Technologies Inc.	1) EPISIL Technologies Inc. 2) Sichuan Gen Microelectronics co.LTD, China	KMC-120MK (Mold Compound) *For parts manufactured in GTBF	KMC4500 (Mold Compound) *For parts manufactured in GTBF	No change	No change	1) United States = "Infineon Technologies Temecula" production 2) Taiwan = "EPISIL Technologies Inc." production	1) Taiwan = "EPISIL Technologies Inc." production 2) China = "Sichuan Gen Microelectronics co.LTD" production
IRFIZ34NPBF	1) Infineon Technologies Temecula, USA 2) EPISIL Technologies Inc.	1) EPISIL Technologies Inc. 2) Sichuan Gen Microelectronics co.LTD, China	KMC-120MK (Mold Compound) *For parts manufactured in GTBF	KMC4500 (Mold Compound) *For parts manufactured in GTBF	No change	No change	1) United States = "Infineon Technologies Temecula" production 2) Taiwan = "EPISIL Technologies Inc." production	1) Taiwan = "EPISIL Technologies Inc." production 2) China = "Sichuan Gen Microelectronics co.LTD" production
IRFZ34NSTRPBF	1) Infineon Technologies Temecula, USA 2) EPISIL Technologies Inc.	1) EPISIL Technologies Inc. 2) Sichuan Gen Microelectronics co.LTD, China	No change	No change	No change	No change	1) United States = "Infineon Technologies Temecula" production 2) Taiwan = "EPISIL Technologies Inc." production	1) Taiwan = "EPISIL Technologies Inc." production 2) China = "Sichuan Gen Microelectronics co.LTD" production
IRFIZ44NPBF	1) Infineon Technologies Temecula, USA 2) EPISIL Technologies Inc.	1) EPISIL Technologies Inc. 2) Sichuan Gen Microelectronics co.LTD, China	KMC-120MK (Mold Compound) *For parts manufactured in GTBF	KMC4500 (Mold Compound) *For parts manufactured in GTBF	No change	No change	1) United States = "Infineon Technologies Temecula" production 2) Taiwan = "EPISIL Technologies Inc." production	1) Taiwan = "EPISIL Technologies Inc." production 2) China = "Sichuan Gen Microelectronics co.LTD" production
IRFU024NPBF	1) Infineon Technologies Temecula, USA 2) EPISIL Technologies Inc.	1) EPISIL Technologies Inc. 2) Sichuan Gen Microelectronics co.LTD, China	EME 6600DG (Mold Compound) *For parts manufactured in Tijuana	CEL9240HF10 + AP (Mold Compound) *For parts manufactured in Tijuana	SP001552404 *Non-Halogen Free device	SP005572261 *Halogen Free device	1) United States = "Infineon Technologies Temecula" production 2) Taiwan = "EPISIL Technologies Inc." production	1) Taiwan = "EPISIL Technologies Inc." production 2) China = "Sichuan Gen Microelectronics co.LTD" production
IRFL4105TRPBF	1) Infineon Technologies Temecula, USA 2) EPISIL Technologies Inc.	1) EPISIL Technologies Inc. 2) Sichuan Gen Microelectronics co.LTD, China	No change	No change	No change	No change	1) United States = "Infineon Technologies Temecula" production 2) Taiwan = "EPISIL Technologies Inc." production	1) Taiwan = "EPISIL Technologies Inc." production 2) China = "Sichuan Gen Microelectronics co.LTD" production

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Change of wafer production location from Infineon Technologies Temecula, USA to Sichuan Gen Microelectronics co.LTD, China for several Gen5 and Gen 7 MOSFET



Sales name	SP number	OPN	Package	Related Qual Report
64-0085PBF	SP001574846	64-0085PBF	PG-TO220-3	PSS MOSFET G7.0N 30V-75V 600A
64-6010PBF	SP001574244	64-6010PBF	PG-TO247-3	PSS MOSFET G7.0N 30V-75V 600A
IRF1010EPBF	SP001569818	IRF1010EPBF	PG-TO220-3	PSS MOSFET G7.0N 30V-75V 600A
IRF1010ESTRLPBF	SP001553824	IRF1010ESTRLPBF	PG-TO263-3	PSS MOSFET G7.0N 30V-75V 600A
IRF1010NPBF	SP001563032	IRF1010NPBF	PG-TO220-3	PSS MOSFET G7.0N 30V-75V 600A
IRF1010NSTRLPBF	SP001571236	IRF1010NSTRLPBF	PG-TO263-3	PSS MOSFET G7.0N 30V-75V 600A
IRF1010NSTRRPBF	SP001570042	IRF1010NSTRRPBF	PG-TO263-3	PSS MOSFET G7.0N 30V-75V 600A
IRF1404LPBF	SP001576598	IRF1404LPBF	PG-TO262-3	PSS MOSFET G7.0N 40V-75V 450A
IRF1404PBF	SP001561374	IRF1404PBF	PG-TO220-3	PSS MOSFET G7.0N 40V-75V 450A
IRF1404STRLPBF	SP001570024	IRF1404STRLPBF	PG-TO263-3	PSS MOSFET G7.0N 40V-75V 450A
IRF1404STRRPBF	SP001562994	IRF1404STRRPBF	PG-TO263-3	PSS MOSFET G7.0N 40V-75V 450A
IRF1405PBF	SP001574466	IRF1405PBF	PG-TO220-3	PSS MOSFET G7.0N 30V-75V 600A
IRF1405STRLPBF	SP001571200	IRF1405STRLPBF	PG-TO263-3	PSS MOSFET G7.0N 30V-75V 600A
IRF1405STRRPBF	SP001576570	IRF1405STRRPBF	PG-TO263-3	PSS MOSFET G7.0N 30V-75V 600A
IRF1407PBF	SP001564238	IRF1407PBF	PG-TO220-3	PSS MOSFET G7.0N 30V-75V 600A
IRF1407STRLPBF	SP001564712	IRF1407STRLPBF	PG-TO263-3	PSS MOSFET G7.0N 30V-75V 600A
IRF2807PBF	SP001550978	IRF2807PBF	PG-TO220-3	PSS MOSFET G7.0N 30V-75V 600A
IRF2807STRLPBF	SP001564210	IRF2807STRLPBF	PG-TO263-3	PSS MOSFET G7.0N 30V-75V 600A
IRF2807STRRPBF	SP001564670	IRF2807STRRPBF	PG-TO263-3	PSS MOSFET G7.0N 30V-75V 600A
IRF3205LPBF	SP001564458	IRF3205LPBF	PG-TO262-3	PSS MOSFET G7.0N 30V-75V 600A
IRF3205PBF	SP001559536	IRF3205PBF	PG-TO220-3	PSS MOSFET G7.0N 30V-75V 600A
IRF3205STRLPBF	SP001576758	IRF3205STRLPBF	PG-TO263-3	PSS MOSFET G7.0N 30V-75V 600A
IRF3703PBF	SP001574662	IRF3703PBF	PG-TO220-3	PSS MOSFET G7.0N 30V-75V 600A
IRF630NPBF	SP001564792	IRF630NPBF	PG-TO220-3	PSS MOSFET G5.5N 200V 1000A
IRF630NSTRLPBF	SP001564548	IRF630NSTRLPBF	PG-TO263-3	PSS MOSFET G5.5N 200V 1000A
IRF640NLPBF	SP001563296	IRF640NLPBF	PG-TO262-3	PSS MOSFET G5.5N 200V 1000A
IRF640NPBF	SP001570078	IRF640NPBF	PG-TO220-3	PSS MOSFET G5.5N 200V 1000A
IRF640NSTRLPBF	SP001561810	IRF640NSTRLPBF	PG-TO263-3	PSS MOSFET G5.5N 200V 1000A
IRF640NSTRRPBF	SP001561802	IRF640NSTRRPBF	PG-TO263-3	PSS MOSFET G5.5N 200V 1000A
IRF7458TRPBF	SP001556100	IRF7458TRPBF	PG-DSO-8	PSS MOSFET G7.0N 30V-75V 600A
IRF7469TRPBF	SP001559908	IRF7469TRPBF	PG-DSO-8	PSS MOSFET G7.0N 40V-75V 450A
IRFB260NPBF	SP001551726	IRFB260NPBF	PG-TO220-3	PSS MOSFET G5.5N 200V 1000A
IRFI3205PBF	SP001570864	IRFI3205PBF	PG-TO220-3	PSS MOSFET G5.0N 40V-60V 750A
IRFIZ24NPBF	SP001556656	IRFIZ24NPBF	PG-TO220-3	PSS MOSFET G5.0N 40V-60V 750A
IRFIZ34NPBF	SP001575796	IRFIZ34NPBF	PG-TO220-3	PSS MOSFET G5.0N 40V-60V 750A
IRFIZ44NPBF	SP001572634	IRFIZ44NPBF	PG-TO220-3	PSS MOSFET G5.0N 40V-60V 750A
IRFL014NTRPBF	SP001554878	IRFL014NTRPBF	PG-SOT223-3	PSS MOSFET G5.0N 40V-60V 750A
IRFL024NTRPBF	SP001575806	IRFL024NTRPBF	PG-SOT223-3	PSS MOSFET G5.0N 40V-60V 750A
IRFL4105TRPBF	SP001551996	IRFL4105TRPBF	PG-SOT223-3	PSS MOSFET G5.0N 40V-60V 750A
IRFP1405PBF	SP001572614	IRFP1405PBF	PG-TO247-3	PSS MOSFET G7.0N 30V-75V 600A
IRFP250MPBF	SP001566168	IRFP250MPBF	PG-TO247-3	PSS MOSFET G5.5N 200V 1000A
IRFP250NPBF	SP001554946	IRFP250NPBF	PG-TO247-3	PSS MOSFET G5.5N 200V 1000A
IRFP260MPBF	SP001572874	IRFP260MPBF	PG-TO247-3	PSS MOSFET G5.5N 200V 1000A
IRFP260NPBF	SP001552016	IRFP260NPBF	PG-TO247-3	PSS MOSFET G5.5N 200V 1000A
IRFP2907PBF	SP001571058	IRFP2907PBF	PG-TO247-3	PSS MOSFET G7.0N 30V-75V 600A
IRFP3703PBF	SP001556744	IRFP3703PBF	PG-TO247-3	PSS MOSFET G7.0N 30V-75V 600A
IRFR220NTRLPBF	SP001567454	IRFR220NTRLPBF	PG-TO252-3	PSS MOSFET G5.5N 200V 1000A
IRFR220NTRPBF	SP001577980	IRFR220NTRPBF	PG-TO252-3	PSS MOSFET G5.5N 200V 1000A
IRFR2405TRLPBF	SP001556938	IRFR2405TRLPBF	PG-TO252-3	PSS MOSFET G7.0N 40V-75V 450A

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Sales name	SP number	OPN	Package	Related Qual Report
IRFR2405TRPBF	SP001555036	IRFR2405TRPBF	PG-TO252-3	PSS MOSFET G7.0N 40V-75V 450A
IRFR2407TRLPBF	SP001577988	IRFR2407TRLPBF	PG-TO252-3	PSS MOSFET G7.0N 40V-75V 450A
IRFR2407TRPBF	SP001556854	IRFR2407TRPBF	PG-TO252-3	PSS MOSFET G7.0N 40V-75V 450A
IRFU024NPBF	SP001552404	IRFU024NPBF	PG-TO251-3	PSS MOSFET G5.0N 40V-60V 750A
IRFU220NPBF	SP001567710	IRFU220NPBF	PG-TO251-3	PSS MOSFET G5.5N 200V 1000A
IRFU2405PBF	SP001571782	IRFU2405PBF	PG-TO251-3	PSS MOSFET G7.0N 40V-75V 450A
IRFZ34NSTRLPBF	SP001568092	IRFZ34NSTRLPBF	PG-TO263-3	PSS MOSFET G5.0N 40V-60V 750A
IRFZ44ESTRLPBF	SP001576296	IRFZ44ESTRLPBF	PG-TO263-3	PSS MOSFET G5.0N 40V-60V 750A
IRFZ44ESTRRPBF	SP001552514	IRFZ44ESTRRPBF	PG-TO263-3	PSS MOSFET G5.0N 40V-60V 750A
IRFZ44NLPBF	SP001557836	IRFZ44NLPBF	PG-TO262-3	PSS MOSFET G7.0N 30V-75V 600A
IRFZ44NPBF	SP001565354	IRFZ44NPBF	PG-TO220-3	PSS MOSFET G7.0N 30V-75V 600A
IRFZ44NSTRLPBF	SP001578598	IRFZ44NSTRLPBF	PG-TO263-3	PSS MOSFET G7.0N 30V-75V 600A
IRFZ44VPBF	SP001571862	IRFZ44VPBF	PG-TO220-3	PSS MOSFET G7.0N 30V-75V 600A
IRFZ46NLPBF	SP001557896	IRFZ46NLPBF	PG-TO262-3	PSS MOSFET G7.0N 30V-75V 600A
IRFZ46NPBF	SP001571842	IRFZ46NPBF	PG-TO220-3	PSS MOSFET G7.0N 30V-75V 600A
IRFZ46NSTRLPBF	SP001567908	IRFZ46NSTRLPBF	PG-TO263-3	PSS MOSFET G7.0N 30V-75V 600A
IRFZ48NPBF	SP001552474	IRFZ48NPBF	PG-TO220-3	PSS MOSFET G7.0N 30V-75V 600A
IRFZ48NSTRLPBF	SP001573544	IRFZ48NSTRLPBF	PG-TO263-3	PSS MOSFET G7.0N 30V-75V 600A
IRL1404STRLPBF	SP001557954	IRL1404STRLPBF	PG-TO263-3	PSS MOSFET G7.0N 40V-75V 450A