

# Product / Process Change Notification



N° 2020-176-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

**Capacity expansion with introduction of an additional assembly and final test location at Huayi Microelectronics Co., Ltd (HYME), China for dedicated TO220 3L MOSFET products in Gen 5.X/7.X/10.X**

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 **29 January 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\_cip20176\_a

► **Detailed Change Information:**

**Subject:** Capacity extension with introduction of an additional assembly and final test location at Huayi Microelectronics Co., Ltd (HYME), China for TO220 3L MOSFET products in Gen 5.X/7.X/10.X (up to Hex 4.4)

**Reason:** Expansion of assembly and final test production to assure continuity of supply and enable flexible manufacturing.

**Description:**

Old

New

**Assembly and Final Test location:**

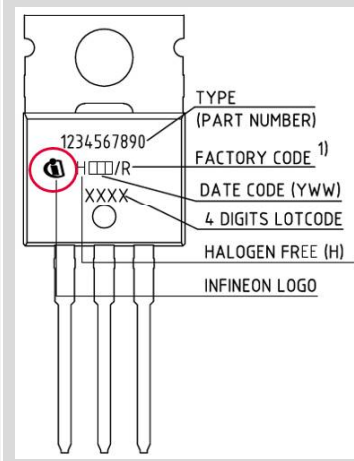
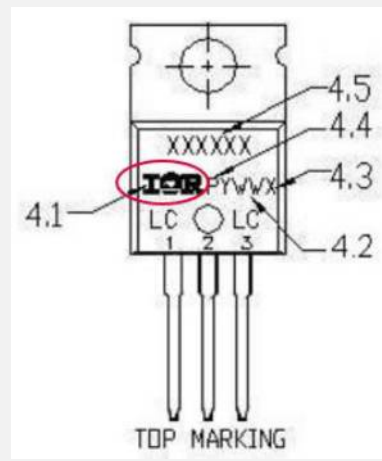
- Tijuana, Mexico
- ASE (Weihai) Inc., China
- Great Team Backend Foundry Ltd., China
- PSi Technologies, Inc, Philippines
- SP Semiconductor And Communication, Korea
- Tongfu Microelectronics Co., Ltd., China

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- ASE (Weihai) Inc., China
- Great Team Backend Foundry Ltd., China
- PSi Technologies, Inc, Philippines
- SP Semiconductor And Communication, Korea
- Tongfu Microelectronics Co., Ltd., China
- Huayi Microelectronics Co., Ltd (HYME), China

**Marking on device:**

- Legacy International Rectifier (IR) logo

- Legacy Infineon logo
- Note: Existing there are slight variations in the marking layout across different production site.



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▶ **Product Identification:**

Internal traceability via Baunumber, Lotnumber, and marking on device

External traceability via marking on device

Note: Lot code ("R") is used to identify production done at HYME

▶ **Impact of Change:**

**NO** change of electrical and thermal parameters in the data sheet.

**NO** impact on the device reliability and performance as proven via product qualification and product characterization.

**NO** impact on the electrical parameters and device processability at customer end.

**NO** change in the package outline dimensions.

▶ **Attachments:**

Affected product list 1\_cip20176\_a

▶ **Time Schedule:**

- |                               |  |
|-------------------------------|--|
| ■ Final qualification report: | available  |
| ■ First samples available:    | available on request                                     |
| ■ Intended start of delivery: | 21-March-2021 or earlier, depending on customer approval |

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

PCN N° 2020-176-A0

Capacity expansion with introduction of an additional assembly and final test location at  
Huayì Microelectronics Co., Ltd (HYME), China for dedicated TO220 3L MOSFET products  
in Gen 5.X/7.X/10.X



Sales name	SP number	OPN	Package
64-0084PBF	SP001569772	64-0084PBF	PG-TO220-3
64-0085PBF	SP001574846	64-0085PBF	PG-TO220-3
64-0090PBF	SP001574300	64-0090PBF	PG-TO220-3
64-0098PBF	SP001569380	64-0098PBF	PG-TO220-3
64-0099PBF	SP001553600	64-0099PBF	PG-TO220-3
64-0100PBF	SP001575066	64-0100PBF	PG-TO220-3
64-0103PBF	SP001559136	64-0103PBF	PG-TO220-3
94-2354PBF	SP001561128	94-2354PBF	PG-TO220-3
94-4311PBF	SP001562712	94-4311PBF	PG-TO220-3
IRF100B202	SP001561488	IRF100B202	PG-TO220-3
IRF1010EPBF	SP001569818	IRF1010EPBF	PG-TO220-3
IRF1010EZPBF	SP001571244	IRF1010EZPBF	PG-TO220-3
IRF1010NPBF	SP001563032	IRF1010NPBF	PG-TO220-3
IRF1010ZPBF	SP001553844	IRF1010ZPBF	PG-TO220-3
IRF1018EPBF	SP001574502	IRF1018EPBF	PG-TO220-3
IRF1104PBF	SP001570050	IRF1104PBF	PG-TO220-3
IRF1310NPBF	SP001553864	IRF1310NPBF	PG-TO220-3
IRF1324PBF	SP001561460	IRF1324PBF	PG-TO220-3
IRF1404PBF	SP001561374	IRF1404PBF	PG-TO220-3
IRF1404ZPBF	SP001574476	IRF1404ZPBF	PG-TO220-3
IRF1405PBF	SP001574466	IRF1405PBF	PG-TO220-3
IRF1405ZPBF	SP001563230	IRF1405ZPBF	PG-TO220-3
IRF1407PBF	SP001564238	IRF1407PBF	PG-TO220-3
IRF200B211	SP001561622	IRF200B211	PG-TO220-3
IRF2204PBF	SP001576552	IRF2204PBF	PG-TO220-3
IRF2804PBF	SP001571174	IRF2804PBF	PG-TO220-3
IRF2805PBF	SP001559506	IRF2805PBF	PG-TO220-3
IRF2807PBF	SP001550978	IRF2807PBF	PG-TO220-3
IRF2807ZPBF	SP001574688	IRF2807ZPBF	PG-TO220-3
IRF2903ZPBF	SP001561574	IRF2903ZPBF	PG-TO220-3
IRF2907ZPBF	SP001571154	IRF2907ZPBF	PG-TO220-3
IRF3007PBF	SP001571144	IRF3007PBF	PG-TO220-3
IRF3205PBF	SP001559536	IRF3205PBF	PG-TO220-3
IRF3205ZPBF	SP001574672	IRF3205ZPBF	PG-TO220-3
IRF3415PBF	SP001564438	IRF3415PBF	PG-TO220-3
IRF3710PBF	SP001551058	IRF3710PBF	PG-TO220-3
IRF3710ZPBF	SP001564400	IRF3710ZPBF	PG-TO220-3
IRF3805PBF	SP001561690	IRF3805PBF	PG-TO220-3
IRF3808PBF	SP001563250	IRF3808PBF	PG-TO220-3
IRF4104PBF	SP001554010	IRF4104PBF	PG-TO220-3
IRF4905PBF	SP001571330	IRF4905PBF	PG-TO220-3
IRF520NPBF	SP001571310	IRF520NPBF	PG-TO220-3
IRF5210PBF	SP001559642	IRF5210PBF	PG-TO220-3
IRF5305PBF	SP001564354	IRF5305PBF	PG-TO220-3
IRF530NPBF	SP001570120	IRF530NPBF	PG-TO220-3
IRF540NPBF	SP001561906	IRF540NPBF	PG-TO220-3
IRF540ZPBF	SP001561896	IRF540ZPBF	PG-TO220-3

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in Gen 5.X/7.X/10.X



Sales name	SP number	OPN	Package
IRF630NPBF	SP001564792	IRF630NPBF	PG-TO220-3
IRF640NPBF	SP001570078	IRF640NPBF	PG-TO220-3
IRF8010PBF	SP001575444	IRF8010PBF	PG-TO220-3
IRF9520NPBF	SP001554524	IRF9520NPBF	PG-TO220-3
IRF9530NPBF	SP001570634	IRF9530NPBF	PG-TO220-3
IRF9540NPBF	SP001560174	IRF9540NPBF	PG-TO220-3
IRF9Z24NPBF	SP001555934	IRF9Z24NPBF	PG-TO220-3
IRF9Z34NPBF	SP001560182	IRF9Z34NPBF	PG-TO220-3
IRFB3004PBF	SP001572420	IRFB3004PBF	PG-TO220-3
IRFB3006GPBF	SP001577692	IRFB3006GPBF	PG-TO220-3
IRFB3006PBF	SP001570606	IRFB3006PBF	PG-TO220-3
IRFB3077PBF	SP001575594	IRFB3077PBF	PG-TO220-3
IRFB3206GPBF	SP001565784	IRFB3206GPBF	PG-TO220-3
IRFB3206PBF	SP001566480	IRFB3206PBF	PG-TO220-3
IRFB3207PBF	SP001572410	IRFB3207PBF	PG-TO220-3
IRFB3207ZGPBF	SP001554560	IRFB3207ZGPBF	PG-TO220-3
IRFB3207ZPBF	SP001575584	IRFB3207ZPBF	PG-TO220-3
IRFB3256PBF	SP001577830	IRFB3256PBF	PG-TO220-3
IRFB3306GPBF	SP001555952	IRFB3306GPBF	PG-TO220-3
IRFB3306PBF	SP001556002	IRFB3306PBF	PG-TO220-3
IRFB3307PBF	SP001555972	IRFB3307PBF	PG-TO220-3
IRFB3307ZPBF	SP001564038	IRFB3307ZPBF	PG-TO220-3
IRFB3407ZPBF	SP001560202	IRFB3407ZPBF	PG-TO220-3
IRFB3607PBF	SP001551746	IRFB3607PBF	PG-TO220-3
IRFB3806PBF	SP001572380	IRFB3806PBF	PG-TO220-3
IRFB38N20DPBF	SP001556010	IRFB38N20DPBF	PG-TO220-3
IRFB4019PBF	SP001572370	IRFB4019PBF	PG-TO220-3
IRFB4020PBF	SP001564028	IRFB4020PBF	PG-TO220-3
IRFB4110GPBF	SP001556050	IRFB4110GPBF	PG-TO220-3
IRFB4110PBF	SP001570598	IRFB4110PBF	PG-TO220-3
IRFB4115PBF	SP001565902	IRFB4115PBF	PG-TO220-3
IRFB4127PBF	SP001560212	IRFB4127PBF	PG-TO220-3
IRFB4137PBF	SP001554580	IRFB4137PBF	PG-TO220-3
IRFB4227PBF	SP001565892	IRFB4227PBF	PG-TO220-3
IRFB4228PBF	SP001575554	IRFB4228PBF	PG-TO220-3
IRFB4229PBF	SP001565910	IRFB4229PBF	PG-TO220-3
IRFB4310PBF	SP001566592	IRFB4310PBF	PG-TO220-3
IRFB4310ZPBF	SP001570588	IRFB4310ZPBF	PG-TO220-3
IRFB4321PBF	SP001577790	IRFB4321PBF	PG-TO220-3
IRFB4410PBF	SP001556060	IRFB4410PBF	PG-TO220-3
IRFB4410ZGPBF	SP001554600	IRFB4410ZGPBF	PG-TO220-3
IRFB4410ZPBF	SP001564008	IRFB4410ZPBF	PG-TO220-3
IRFB4510PBF	SP001566724	IRFB4510PBF	PG-TO220-3
IRFB4610PBF	SP001570704	IRFB4610PBF	PG-TO220-3
IRFB4615PBF	SP001565882	IRFB4615PBF	PG-TO220-3
IRFB4620PBF	SP001563998	IRFB4620PBF	PG-TO220-3
IRFB52N15DPBF	SP001572332	IRFB52N15DPBF	PG-TO220-3

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IRFB5615PBF	SP001575534	IRFB5615PBF	PG-TO220-3
IRFB5620PBF	SP001565852	IRFB5620PBF	PG-TO220-3
IRFB812PBF	SP001563948	IRFB812PBF	PG-TO220-3
IRFZ24NPBF	SP001565128	IRFZ24NPBF	PG-TO220-3
IRFZ34NPBF	SP001568128	IRFZ34NPBF	PG-TO220-3
IRFZ44EPBF	SP001557776	IRFZ44EPBF	PG-TO220-3
IRFZ44NPBF	SP001565354	IRFZ44NPBF	PG-TO220-3
IRFZ44VPBF	SP001571862	IRFZ44VPBF	PG-TO220-3
IRFZ44VZPBF	SP001565374	IRFZ44VZPBF	PG-TO220-3
IRFZ44ZPBF	SP001578606	IRFZ44ZPBF	PG-TO220-3
IRFZ46NPBF	SP001571842	IRFZ46NPBF	PG-TO220-3
IRFZ48NPBF	SP001552474	IRFZ48NPBF	PG-TO220-3
IRL1004PBF	SP001567104	IRL1004PBF	PG-TO220-3
IRL1404ZPBF	SP001576516	IRL1404ZPBF	PG-TO220-3
IRL2505PBF	SP001567114	IRL2505PBF	PG-TO220-3
IRL2910PBF	SP001576496	IRL2910PBF	PG-TO220-3
IRL3705NPBF	SP001578520	IRL3705NPBF	PG-TO220-3
IRL3705ZPBF	SP001557992	IRL3705ZPBF	PG-TO220-3
IRL3803PBF	SP001557982	IRL3803PBF	PG-TO220-3
IRL520NPBF	SP001558080	IRL520NPBF	PG-TO220-3
IRL530NPBF	SP001578734	IRL530NPBF	PG-TO220-3
IRL540NPBF	SP001576440	IRL540NPBF	PG-TO220-3
IRL7833PBF	SP001550382	IRL7833PBF	PG-TO220-3
IRL8114PBF	SP001550392	IRL8114PBF	PG-TO220-3
IRLB3034PBF	SP001578716	IRLB3034PBF	PG-TO220-3
IRLB3036PBF	SP001568396	IRLB3036PBF	PG-TO220-3
IRLB3813PBF	SP001558110	IRLB3813PBF	PG-TO220-3
IRLB4030PBF	SP001552594	IRLB4030PBF	PG-TO220-3
IRLB4132PBF	SP001558130	IRLB4132PBF	PG-TO220-3
IRLB8314PBF	SP001572766	IRLB8314PBF	PG-TO220-3
IRLB8721PBF	SP001558140	IRLB8721PBF	PG-TO220-3
IRLB8743PBF	SP001572884	IRLB8743PBF	PG-TO220-3
IRLB8748PBF	SP001567020	IRLB8748PBF	PG-TO220-3
IRLZ24NPBF	SP001553022	IRLZ24NPBF	PG-TO220-3
IRLZ34NPBF	SP001553290	IRLZ34NPBF	PG-TO220-3
IRLZ44NPBF	SP001568772	IRLZ44NPBF	PG-TO220-3
IRLZ44ZPBF	SP001577132	IRLZ44ZPBF	PG-TO220-3