

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Power Management Devices – D2Pak Power MOSFET Bill of Materials change

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 **22 Feb, 2016**.
- Infineon aligns with the widely-recognized JEDEC STANDARD “**JESD46**”, which stipulates:
“**Lack of acknowledgment 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.



On January 13, 2015, Infineon Technologies acquired International Rectifier. The organization and business of former International Rectifier have been integrated into Infineon. That means that customer facing IT tools and processes like PCN, Information Note and Product Discontinuation are being merged consolidated. For further details please visit our website: <http://www.infineon.com/powerfulcombination>

Infineon Technologies AG
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Process / Product Change Notification



N° 550-PCN90-Public

Date: Tuesday, November 24, 2015

PCR Reference: 550

PCN Reference: 550-PCN90-Public

To Our Value Customer:

As always we appreciate your use of Infineon Technologies semiconductor products. Our commitment to customer satisfaction and continuous improvement is demonstrated by our change plans to enhance capacity, quality and reliability. This notice is to inform you of the following change:

We would like to express our sincere appreciation for your cooperation regarding the following changes, and Infineon Technologies will work closely with you to support your requirements during this transition.

Type of Change Notification:

Bill of Materials change

Description of Change:

Power Management Devices – D2Pak Power MOSFET Bill of Materials changeSP (Korea) will change the Bill of Materials for the assembly of D2Pak

ITEM	CURRENT	PROPOSED
Leadframe	Selective Nickel with 100Sn plating	Bare Copper with 100Sn plating

Reason for the Change:

Bill of Materials consolidation.

Effect Date:

Monday, February 22, 2016

Infineon Technologies will consider this change approved and will implement it by the effective date unless specific conditions of acceptance or data requests are provided in writing within 30 days of receipt of this notice. Please submit conditions of acceptance and data requests to the PCN coordinator listed at the end of this notice.

Impact of Change:

There will be no change in datasheet parameters and package outline dimensions (POD) as the result of this change. The new Bill of Materials will meet the same qualification level as the existing products.

Method of Identifying Changed Product:

Date Code and Lot Code Information

Products Affected:

IFAM Part	Description
64-2084PBF	
64-2116PBF	
64-2119PBF	
64-2124PBF	
64-2158PBF	
64-2159PBF	

Process / Product Change Notification



N° 550-PCN90-Public

IFAM Part	Description
94-2503PBF	
IRF100S201	
IRF1010ESPBF	
IRF1010ESTRLPBF	MOSFET, 60V, 83A, 12 mOhm, 86.6 nC Qg, D2-Pak
IRF1010EZSPBF	MOSFET, 60V, 84A, 8.5 mOhm, 58 nC Qg, D2-Pak
IRF1010EZSTRLP	MOSFET, 60V, 84A, 8.5 mOhm, 58 nC Qg, D2-Pak
IRF1010NSPBF	MOSFET, 55V, 84A, 11 mOhm, 80 nC Qg, D2-Pak
IRF1010NSTRLPBF	MOSFET, 55V, 84A, 11 mOhm, 80 nC Qg, D2-Pak
IRF1010NSTRRPBF	MOSFET, 55V, 84A, 11 mOhm, 80 nC Qg, D2-Pak
IRF1010ZSPBF	MOSFET, 55V, 94A, 7.5 mOhm, 63 nC Qg, D2-Pak
IRF1010ZSTRLPBF	MOSFET, 55V, 94A, 7.5 mOhm, 63 nC Qg, D2-Pak
IRF1010ZSTRRPBF	MOSFET, 55V, 94A, 7.5 mOhm, 63 nC Qg, D2-Pak
IRF1018ESPBF	MOSFET, 60V, 79A, 8.4 mOhm, 46 nC Qg, D2-PAK
IRF1018ESTRLPBF	MOSFET, 60V, 79A, 8.4 mOhm, 46 nC Qg, D2-PAK
IRF1104SPBF	
IRF1104STRLPBF	
IRF1310NSPBF	MOSFET, 100V, 42A, 36 mOhm, 73.3 nC Qg, D2-Pak
IRF1310NSTRLPBF	MOSFET, 100V, 42A, 36 mOhm, 73.3 nC Qg, D2-Pak
IRF1310NSTRRPBF	
IRF1324SPBF	MOSFET, 24V, 340A, 1.65 mOhm, 160 nC Qg, D2-Pak
IRF1324STRLPBF	MOSFET, 24V, 340A, 1.65 mOhm, 160 nC Qg, D2-Pak
IRF1404SPBF	MOSFET, 40V, 162A, 4 mOhm, 160 nC Qg, D2-Pak
IRF1404STRLPBF	MOSFET, 40V, 162A, 4 mOhm, 160 nC Qg, D2-Pak
IRF1404STRRPBF	MOSFET, 40V, 162A, 4 mOhm, 160 nC Qg, D2-Pak
IRF1404ZSPBF	MOSFET, 40V, 190A, 3.7 mOhm, 100 nC Qg, D2-Pak
IRF1404ZSTRLPBF	MOSFET, 40V, 190A, 3.7 mOhm, 100 nC Qg, D2-Pak
IRF1405SPBF	MOSFET, 55V, 131A, 5.3 mOhm, 170 nC Qg, D2-Pak
IRF1405STRLPBF	MOSFET, 55V, 131A, 5.3 mOhm, 170 nC Qg, D2-Pak
IRF1405STRRPBF	MOSFET, 55V, 131A, 5.3 mOhm, 170 nC Qg, D2-Pak
IRF1405ZSPBF	MOSFET, 55V, 150A, 4.9 mOhm, 120 nC Qg, D2-Pak
IRF1405ZSTRLPBF	MOSFET, 55V, 150A, 4.9 mOhm, 120 nC Qg, D2-Pak
IRF1405ZSTRRPBF	MOSFET, 55V, 150A, 4.9 mOhm, 120 nC Qg, D2-Pak
IRF1407SPBF	
IRF1407STRLPBF	MOSFET, 75V, 100A, 7.8 mOhm, 160 nC Qg, D2-Pak
IRF1407STRRPBF	MOSFET, 75V, 100A, 7.8 mOhm, 160 nC Qg, D2-Pak
IRF1503SPBF	MOSFET, 30V, 190A, 3.3 mOhm, 130 nC Qg, D2-Pak
IRF1503STRLPBF	MOSFET, 30V, 190A, 3.3 mOhm, 130 nC Qg, D2-Pak
IRF2204SPBF	MOSFET, 40V, 170A, 3.6 mOhm, 130 nC Qg, D2-Pak
IRF2804SPBF	MOSFET, 40V, 280A, 2.3 mOhm, 160 nC Qg, D2-Pak
IRF2804STRLPBF	MOSFET, 40V, 280A, 2.3 mOhm, 160 nC Qg, D2-Pak
IRF2804STRRPBF	MOSFET, 40V, 280A, 2.3 mOhm, 160 nC Qg, D2-Pak
IRF2805SPBF	MOSFET, 55V, 135A, 4.7 mOhm, 150 nC Qg, D2-Pak
IRF2805STRLPBF	MOSFET, 55V, 135A, 4.7 mOhm, 150 nC Qg, D2-Pak
IRF2807SPBF	MOSFET, 75V, 82A, 13 mOhm, 106.7 nC Qg, D2-Pak
IRF2807STRLPBF	MOSFET, 75V, 82A, 13 mOhm, 106.7 nC Qg, D2-Pak
IRF2807STRRPBF	MOSFET, 75V, 82A, 13 mOhm, 106.7 nC Qg, D2-Pak
IRF2807ZSPBF	MOSFET, 75V, 89A, 9.4 mOhm, 71 nC Qg, D2-Pak
IRF2807ZSTRLPBF	MOSFET, 75V, 89A, 9.4 mOhm, 71 nC Qg, D2-Pak
IRF2807ZSTRRPBF	MOSFET, 75V, 89A, 9.4 mOhm, 71 nC Qg, D2-Pak
IRF2903ZSPBF	MOSFET, 30V, 260A, 2.4 mOhm, 160 nC Qg, D2-Pak
IRF2903ZSTRLP	MOSFET, 30V, 260A, 2.4 mOhm, 160 nC Qg, D2-Pak
IRF2907ZSPBF	MOSFET, 75V, 170A, 4.5 mOhm, 180 nC Qg, D2-Pak

Process / Product Change Notification



N° 550-PCN90-Public

IFAM Part	Description
IRF2907ZSTRLPBF	MOSFET, 75V, 170A, 4.5 mOhm, 180 nC Qg, D2-Pak
IRF3007SPBF	MOSFET, 75V, 62A, 12.6 mOhm, 89 nC Qg, D2-Pak
IRF3007STRLPBF	75V D2PAK
IRF3205SPBF	MOSFET, 55V, 110A, 8 mOhm, 97.3 nC Qg, D2-Pak
IRF3205STRLPBF	MOSFET, 55V, 110A, 8 mOhm, 97.3 nC Qg, D2-Pak
IRF3205STRRPBF	MOSFET, 55V, 110A, 8 mOhm, 97.3 nC Qg, D2-Pak
IRF3205ZSPBF	MOSFET, 55V, 110A, 6.5 mOhm, 76 nC Qg, D2-Pak
IRF3205ZSTRLPBF	MOSFET, 55V, 110A, 6.5 mOhm, 76 nC Qg, D2-Pak
IRF3205ZSTRRPBF	MOSFET, 55V, 110A, 6.5 mOhm, 76 nC Qg, D2-Pak
IRF3315SPBF	MOSFET, 150V, 21A, 82 mOhm, 63.3 nC Qg, D2-Pak
IRF3315STRLPBF	MOSFET, 150V, 21A, 82 mOhm, 63.3 nC Qg, D2-Pak
IRF3315STRRPBF	MOSFET, 150V, 21A, 82 mOhm, 63.3 nC Qg, D2-Pak
IRF3415SPBF	MOSFET, 150V, 43A, 42 mOhm, 133.3 nC Qg, D2-Pak
IRF3415STRLPBF	MOSFET, 150V, 43A, 42 mOhm, 133.3 nC Qg, D2-Pak
IRF3415STRRPBF	MOSFET, 150V, 43A, 42 mOhm, 133.3 nC Qg, D2-Pak
IRF3515SPBF	
IRF3515STRRPBF	
IRF3610SPBF	
IRF3610STRLPBF	
IRF3704ZCSPBF	
IRF3704ZSPBF	MOSFET, 20V, 67A, 7.9 mOhm, 8.7 nC Qg, D2-Pak
IRF3707ZSPBF	MOSFET, 30V, 59A, 9.5 mOhm, 9.7 nC Qg, D2-Pak
IRF3708SPBF	MOSFET, 30V, 62A, 12 mOhm, 24 nC Qg, D2-Pak
IRF3709SPBF	MOSFET, 30V, 90A, 9 mOhm, 27 nC Qg, D2-Pak
IRF3709STRLPBF	MOSFET, 30V, 90A, 9 mOhm, 27 nC Qg, D2-Pak
IRF3709ZCSTRLP	
IRF3709ZCSTRRP	
IRF3709ZSPBF	MOSFET, 30V, 87A, 6.3 mOhm, 17 nC Qg, D2-Pak
IRF3709ZSTRRPBF	MOSFET, 30V, 87A, 6.3 mOhm, 17 nC Qg, D2-Pak
IRF3710SPBF	MOSFET, 100V, 57A, 23 mOhm, 86.7 nC Qg, D2-Pak
IRF3710STRLPBF	MOSFET, 100V, 57A, 23 mOhm, 86.7 nC Qg, D2-Pak
IRF3710STRRPBF	MOSFET, 100V, 57A, 23 mOhm, 86.7 nC Qg, D2-Pak
IRF3710ZSPBF	MOSFET, 100V, 59A, 18 mOhm, 82 nC Qg, D2-Pak
IRF3710ZSTRLPBF	MOSFET, 100V, 59A, 18 mOhm, 82 nC Qg, D2-Pak
IRF3710ZSTRRPBF	MOSFET, 100V, 59A, 18 mOhm, 82 nC Qg, D2-Pak
IRF3711SPBF	MOSFET, 20V, 110A, 6 mOhm, 29 nC Qg, D2-Pak
IRF3711STRRPBF	MOSFET, 20V, 110A, 6 mOhm, 29 nC Qg, D2-Pak
IRF3805SPBF	MOSFET, 55V, 220A, 3.3 mOhm, 190 nC Qg, D2-Pak
IRF3805STRLPBF	MOSFET, 55V, 220A, 3.3 mOhm, 190 nC Qg, D2-Pak
IRF3808SPBF	MOSFET, 75V, 105A, 7 mOhm, 150 nC Qg, D2-Pak
IRF3808STRLPBF	MOSFET, 75V, 105A, 7 mOhm, 150 nC Qg, D2-Pak
IRF3808STRRPBF	MOSFET, 75V, 105A, 7 mOhm, 150 nC Qg, D2-Pak
IRF4104SPBF	MOSFET, 40V, 120A, 5.5 mOhm, 68 nC Qg, D2-Pak
IRF4905SPBF	MOSFET, P-CHANNEL, -55V, -74A, 20 mOhm, 120 nC Qg, D2-Pak
IRF4905STRLPBF	MOSFET, P-CHANNEL, -55V, -74A, 20 mOhm, 120 nC Qg, D2-Pak
IRF4905STRRPBF	MOSFET, P-CHANNEL, -55V, -74A, 20 mOhm, 120 nC Qg, D2-Pak
IRF520NSPBF	
IRF520NSTRLPBF	MOSFET, 100V, 9.5A, 200 mOhm, 16.7 nC Qg, D2-Pak
IRF5210SPBF	MOSFET, P-CHANNEL, -100V, -0.4A, 60 mOhm, 120 nC Qg, D2-Pak
IRF5210STRLPBF	MOSFET, P-CHANNEL, -100V, -0.4A, 60 mOhm, 120 nC Qg, D2-Pak
IRF5210STRRPBF	MOSFET, P-CHANNEL, -100V, -0.4A, 60 mOhm, 120 nC Qg, D2-Pak
IRF5305SPBF	MOSFET, P-CHANNEL, -55V, -31A, 60 mOhm, 42 nC Qg, D2-Pak
IRF5305STRLPBF	MOSFET, P-CHANNEL, -55V, -31A, 60 mOhm, 42 nC Qg, D2-Pak

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IFAM Part	Description
IRF5305STRRPBF	MOSFET, P-CHANNEL, -55V, -31A, 60 mOhm, 42 nC Qg, D2-Pak
IRF530NSPBF	MOSFET, 100V, 17A, 90 mOhm, 24.7 nC Qg, D2-Pak
IRF530NSTRLPBF	MOSFET, 100V, 17A, 90 mOhm, 24.7 nC Qg, D2-Pak
IRF530NSTRRPBF	MOSFET, 100V, 17A, 90 mOhm, 24.7 nC Qg, D2-Pak
IRF540NSPBF	MOSFET, 100V, 33A, 44 mOhm, 47.3 nC Qg, D2-Pak
IRF540NSTRLPBF	MOSFET, 100V, 33A, 44 mOhm, 47.3 nC Qg, D2-Pak
IRF540NSTRRPBF	MOSFET, 100V, 33A, 44 mOhm, 47.3 nC Qg, D2-Pak
IRF540ZSPBF	MOSFET, 100V, 36A, 26.5 mOhm, 42 nC Qg, D2-Pak
IRF540ZSTRLPBF	MOSFET, 100V, 36A, 26.5 mOhm, 42 nC Qg, D2-Pak
IRF540ZSTRRPBF	MOSFET, 100V, 36A, 26.5 mOhm, 42 nC Qg, D2-Pak
IRF6215SPBF	MOSFET, P-CHANNEL, -150V, -13A, 290 mOhm, 44 nC Qg, D2-Pak
IRF6215STRLPBF	MOSFET, P-CHANNEL, -150V, -13A, 290 mOhm, 44 nC Qg, D2-Pak
IRF6215STRRPBF	MOSFET, P-CHANNEL, -150V, -13A, 290 mOhm, 44 nC Qg, D2-Pak
IRF6218SPBF	
IRF6218STRLPBF	MOSFET, P-CHANNEL, -150V, -27A, 150 mOhm, 21 nC Qg, D2-Pak
IRF630NSPBF	MOSFET, 200V, 9.5A, 300 mOhm, 23.3 nC Qg, D2-Pak
IRF630NSTRLPBF	MOSFET, 200V, 9.5A, 300 mOhm, 23.3 nC Qg, D2-Pak
IRF630NSTRRPBF	MOSFET, 200V, 9.5A, 300 mOhm, 23.3 nC Qg, D2-Pak
IRF640NSPBF	MOSFET, 200V, 18A, 150 mOhm, 44.7 nC Qg, D2-Pak
IRF640NSTRLPBF	MOSFET, 200V, 18A, 150 mOhm, 44.7 nC Qg, D2-Pak
IRF640NSTRRPBF	MOSFET, 200V, 18A, 150 mOhm, 44.7 nC Qg, D2-Pak
IRF8010SPBF	MOSFET, 100V, 80A, 15 mOhm, 81 nC Qg, D2-Pak
IRF8010STRLPBF	MOSFET, 100V, 80A, 15 mOhm, 81 nC Qg, D2-Pak
IRF9520NSPBF	MOSFET, P-CHANNEL, -100V, -6.8A, 480 mOhm, 18 nC Qg, D2-Pak
IRF9520NSTRLPBF	
IRF9520NSTRRPBF	
IRF9530NSPBF	MOSFET, P-CHANNEL, -100V, -14A, 200 mOhm, 38.7 nC Qg, D2-Pak
IRF9530NSTRLPBF	MOSFET, P-CHANNEL, -100V, -14A, 200 mOhm, 38.7 nC Qg, D2-Pak
IRF9530NSTRRPBF	MOSFET, P-CHANNEL, -100V, -14A, 200 mOhm, 38.7 nC Qg, D2-Pak
IRF9540NSPBF	MOSFET, P-CHANNEL, -100V, -23A, 117 mOhm, 64.7 nC Qg, D2-Pak
IRF9540NSTRLPBF	MOSFET, P-CHANNEL, -100V, -23A, 117 mOhm, 64.7 nC Qg, D2-Pak
IRF9540NSTRRPBF	MOSFET, P-CHANNEL, -100V, -23A, 117 mOhm, 64.7 nC Qg, D2-Pak
IRF9Z24NSPBF	MOSFET, P-CHANNEL, -55V, -12A, 175 mOhm, 12.7 nC Qg, D2-Pak
IRF9Z24NSTRLPBF	MOSFET, P-CHANNEL, -55V, -12A, 175 mOhm, 12.7 nC Qg, D2-Pak
IRF9Z34NSPBF	MOSFET, P-CHANNEL, -55V, 19A, 100 mOhm, 23.3 nC Qg, D2-Pak
IRF9Z34NSTRLPBF	MOSFET, P-CHANNEL, -55V, 19A, 100 mOhm, 23.3 nC Qg, D2-Pak
IRF9Z34NSTRRPBF	MOSFET, P-CHANNEL, -55V, 19A, 100 mOhm, 23.3 nC Qg, D2-Pak
IRFS23N15DPBF	
IRFS23N15DTRLP	MOSFET, 150V, 23A, 90 mOhm, 37 nC Qg, D2-Pak
IRFS23N20DPBF	MOSFET, 200V, 24A, 100 mOhm, 57 nC Qg, D2-Pak
IRFS23N20DTRLP	MOSFET, 200V, 24A, 100 mOhm, 57 nC Qg, D2-Pak
IRFS23N20DTRRP	
IRFS3004PBF	MOSFET, 40V, 240A, 1.7 mOhm, 160 nC Qg, D2PAK
IRFS3004TRLPBF	MOSFET, 40V, 195A, 1.7 mOhm, 160 nC Qg, D2PAK
IRFS3006PBF	MOSFET, 60V, 270A, 2.5 mOhm, 200 nC Qg, D2-PAK
IRFS3006TRLPBF	MOSFET, 60V, 270A, 2.5 mOhm, 200 nC Qg, D2-PAK
IRFS3107PBF	MOSFET, 75V, 230A, 3 mOhm, 160 nC Qg, D2PAK
IRFS3107TRLPBF	MOSFET, 75V, 230A, 3 mOhm, 160 nC Qg, D2PAK
IRFS31N20DPBF	MOSFET, 200V, 31A, 82 mOhm, 70 nC Qg, D2-Pak
IRFS31N20DTRLP	MOSFET, 200V, 31A, 82 mOhm, 70 nC Qg, D2-Pak
IRFS31N20DTRRP	MOSFET, 200V, 31A, 82 mOhm, 70 nC Qg, D2-Pak
IRFS3206PBF	MOSFET, 60V, 210A, 3 mOhm, 120 nC Qg, D2-Pak

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IFAM Part	Description
IRFS3206TRRPBF	MOSFET, 60V, 210A, 3 mOhm, 120 nC Qg, D2-Pak
IRFS3207PBF	MOSFET, 75V, 180A, 4.5 mOhm, 180 nC Qg, D2-Pak
IRFS3207TRLPBF	MOSFET, 75V, 180A, 4.5 mOhm, 180 nC Qg, D2-Pak
IRFS3207ZPBF	MOSFET, 75V, 170A, 4.1 mOhm, 120 nC Qg, D2-Pak
IRFS3207ZTRRPBF	MOSFET, 75V, 170A, 4.1 mOhm, 120 nC Qg, D2-Pak
IRFS3306PBF	MOSFET, 60V, 160A, 4.2 mOhm, 85 nC Qg, D2-Pak
IRFS3306TRLPBF	MOSFET, 60V, 160A, 4.2 mOhm, 85 nC Qg, D2-Pak
IRFS3307PBF	MOSFET, 75V, 130A, 6.3 mOhm, 120 nC Qg, D2-Pak
IRFS3307TRLPBF	MOSFET, 75V, 130A, 6.3 mOhm, 120 nC Qg, D2-Pak
IRFS3307ZPBF	MOSFET, 75V, 120A, 5.8 mOhm, 79 nC Qg, D2-Pak
IRFS3307ZTRLPBF	MOSFET, 75V, 120A, 5.8 mOhm, 79 nC Qg, D2-Pak
IRFS3307ZTRRPBF	MOSFET, 75V, 120A, 5.8 mOhm, 79 nC Qg, D2-Pak
IRFS33N15DPBF	MOSFET, 150V, 33A, 56 mOhm, 60 nC Qg, D2-Pak
IRFS33N15DTRLP	MOSFET, 150V, 33A, 56 mOhm, 60 nC Qg, D2-Pak
IRFS3507PBF	
IRFS3607PBF	MOSFET, 75V, 80A, 9.0 mOhm, 56 nC Qg, D2-Pak
IRFS3607TRLPBF	MOSFET, 75V, 80A, 9.0 mOhm, 56 nC Qg, D2-Pak
IRFS3806PBF	MOSFET, 60V, 43A, 16.2 mOhm, 22 nC Qg, D2-Pak
IRFS3806TRLPBF	MOSFET, 60V, 43A, 16.2 mOhm, 22 nC Qg, D2-Pak
IRFS38N20DPBF	MOSFET, 200V, 44A, 54 mOhm, 60 nC Qg, D2-Pak
IRFS4010PBF	MOSFET, 100V, 180A, 4.7 mOhm, 143 nC Qg, D2-PAK
IRFS4010TRLPBF	MOSFET, 100V, 180A, 4.7 mOhm, 143 nC Qg, D2-PAK
IRFS4010TRRPBF	MOSFET, 100V, 180A, 4.7 mOhm, 143 nC Qg, D2-PAK
IRFS4020PBF	Audio MOSFET, 200V, 18A, 105 mOhm, 18 nC Qg, D2-PAK
IRFS4020TRLPBF	Audio MOSFET, 200V, 18A, 105 mOhm, 18 nC Qg, D2-PAK
IRFS4115PBF	MOSFET, 150V, 99A, 12.1 mOhm, 77 nC Qg, D2-Pak
IRFS4115TRLPBF	MOSFET, 150V, 99A, 12.1 mOhm, 77 nC Qg, D2-Pak
IRFS4127PBF	MOSFET, 200V, 76A, 23.2 mOhm, 100 nC Qg, D2-PAK
IRFS4127TRLPBF	MOSFET, 200V, 76A, 23.2 mOhm, 100 nC Qg, D2-PAK
IRFS41N15DPBF	MOSFET, 150V, 41A, 45 mOhm, 72 nC Qg, D2-Pak
IRFS41N15DTRLP	MOSFET, 150V, 41A, 45 mOhm, 72 nC Qg, D2-Pak
IRFS4227PBF	MOSFET, 200V, 62A, 26 mOhm, 70 nC Qg, D2-Pak
IRFS4227TRLPBF	MOSFET, 200V, 62A, 26 mOhm, 70 nC Qg, D2-Pak
IRFS4228PBF	MOSFET, 150V, 83A, 15 mOhm, 72 nC Qg, D2-Pak
IRFS4228TRLPBF	MOSFET, 150V, 83A, 15 mOhm, 72 nC Qg, D2-Pak
IRFS4229PBF	MOSFET, 250V, 45A, 48 mOhm, 72 nC Qg, D2-Pak
IRFS4229TRLPBF	MOSFET, 250V, 45A, 48 mOhm, 72 nC Qg, D2-Pak
IRFS4310PBF	MOSFET, 100V, 140A, 7 mOhm, 170 nC Qg, D2-Pak
IRFS4310TRLPBF	MOSFET, 100V, 140A, 7 mOhm, 170 nC Qg, D2-Pak
IRFS4310TRRPBF	MOSFET, 100V, 140A, 7 mOhm, 170 nC Qg, D2-Pak
IRFS4310ZPBF	MOSFET, 100V, 127A, 6 mOhm, 120 nC Qg, D2-Pak
IRFS4310ZTRLPBF	MOSFET, 100V, 127A, 6 mOhm, 120 nC Qg, D2-Pak
IRFS4321PBF	MOSFET, 150V, 83A, 15 mOhm, 71 nC Qg, D2-Pak
IRFS4321TRLPBF	MOSFET, 100V, 96A, 10 mOhm, 120 nC Qg, D2-Pak
IRFS4321TRRPBF	MOSFET, 100V, 96A, 10 mOhm, 120 nC Qg, D2-Pak
IRFS4410PBF	MOSFET, 100V, 96A, 10 mOhm, 120 nC Qg, D2-Pak
IRFS4410TRLPBF	MOSFET, 100V, 96A, 10 mOhm, 120 nC Qg, D2-Pak
IRFS4410ZPBF	MOSFET, 100V, 97A, 9 mOhm, 83 nC Qg, D2-Pak
IRFS4410ZTRLPBF	MOSFET, 100V, 97A, 9 mOhm, 83 nC Qg, D2-Pak
IRFS4510PBF	MOSFET, 100V, 64A, 14.5 mOhm, 50 nC Qg, D2-pak
IRFS4510TRLPBF	MOSFET, 100V, 64A, 14.5 mOhm, 50 nC Qg, D2-pak
IRFS4610PBF	MOSFET, 100V, 73A, 14 mOhm, 90 nC Qg, D2-Pak
IRFS4610TRLPBF	MOSFET, 100V, 73A, 14 mOhm, 90 nC Qg, D2-Pak

Process / Product Change Notification



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IFAM Part	Description
IRFS4610TRRPBF	MOSFET, 100V, 73A, 14 mOhm, 90 nC Qg, D2-Pak
IRFS4615PBF	MOSFET, 150V, 33A, 42 mOhm, 26 nC Qg, D2-Pak
IRFS4615TRLPBF	MOSFET, 150V, 33A, 42 mOhm, 26 nC Qg, D2-Pak
IRFS4620PBF	MOSFET, 200V, 24A, 78 mOhm, 25 nC Qg, D2PAK
IRFS4620TRLPBF	MOSFET, 200V, 24A, 78 mOhm, 25 nC Qg, D2PAK
IRFS52N15DPBF	MOSFET, 150V, 60A, 32 mOhm, 60 nC Qg, D2-Pak
IRFS5615PBF	Audio MOSFET, 150V, 35A, 39 mOhm, 26 nC Qg, TO-220
IRFS5615TRLPBF	Audio MOSFET, 150V, 33A, 42 mOhm, 26 nC Qg, D2-Pak
IRFS5620PBF	Audio MOSFET, 200V, 24A, 78 mOhm, 25 nC Qg, D2PAK
IRFS5620TRLPBF	Audio MOSFET, 200V, 24A, 78 mOhm, 25 nC Qg, D2PAK
IRFS59N10DPBF	MOSFET, 100V, 59A, 25 mOhm, 76 nC Qg, D2-Pak
IRFS59N10DTRLP	MOSFET, 100V, 59A, 25 mOhm, 76 nC Qg, D2-Pak
IRFS7430PBF	
IRFS7434PBF	
IRFS7437PBF	MOSFET, 40V, 195A, 1.8 mOhm, 150 nC Qg, D2-Pak
IRFS7440PBF	MOSFET, 40V, 120A, 2.5 mOhm, 90 nC Qg, D2-Pak
IRFS7530PBF	
IRFS7534PBF	
IRFS7537PBF	
IRFS7540PBF	
IRFS7730PBF	
IRFS7734PBF	
IRFS7787PBF	
IRFZ24NSTRLPBF	MOSFET, 55V, 17A, 70 mOhm, 13.3 nC Qg, D2-Pak
IRFZ24NSTRRPBF	MOSFET, 55V, 17A, 70 mOhm, 13.3 nC Qg, D2-Pak
IRFZ34NSPBF	MOSFET, 55V, 29A, 40 mOhm, 22.7 nC Qg, D2-Pak
IRFZ34NSTRLPBF	MOSFET, 55V, 29A, 40 mOhm, 22.7 nC Qg, D2-Pak
IRFZ34NSTRRPBF	MOSFET, 55V, 29A, 40 mOhm, 22.7 nC Qg, D2-Pak
IRFZ44ESPBF	MOSFET, 60V, 48A, 23 mOhm, 40 nC Qg, D2-Pak
IRFZ44ESTRLPBF	MOSFET, 60V, 48A, 23 mOhm, 40 nC Qg, D2-Pak
IRFZ44ESTRRPBF	MOSFET, 60V, 48A, 23 mOhm, 40 nC Qg, D2-Pak
IRFZ44NSPBF	MOSFET, 55V, 49A, 17.5 mOhm, 42 nC Qg, D2-Pak
IRFZ44NSTRLPBF	MOSFET, 55V, 49A, 17.5 mOhm, 42 nC Qg, D2-Pak
IRFZ44NSTRRPBF	MOSFET, 55V, 49A, 17.5 mOhm, 42 nC Qg, D2-Pak
IRFZ44VSTRLPBF	
IRFZ44VZSPBF	MOSFET, 60V, 57A, 12 mOhm, 43 nC Qg, D2-Pak
IRFZ44ZSPBF	MOSFET, 55V, 51A, 13.9 mOhm, 29 nC Qg, D2-Pak
IRFZ44ZSTRRPBF	MOSFET, 55V, 51A, 13.9 mOhm, 29 nC Qg, D2-Pak
IRFZ46NSPBF	
IRFZ46NSTRLPBF	MOSFET, 55V, 53A, 16.5 mOhm, 48 nC Qg, D2-Pak
IRFZ46ZSPBF	MOSFET, 55V, 51A, 13.6 mOhm, 31 nC Qg, D2-Pak
IRFZ46ZSTRLPBF	MOSFET, 55V, 51A, 13.6 mOhm, 31 nC Qg, D2-Pak
IRFZ48NSPBF	MOSFET, 55V, 64A, 14 mOhm, 54 nC Qg, D2-Pak
IRFZ48NSTRLPBF	MOSFET, 55V, 64A, 14 mOhm, 54 nC Qg, D2-Pak
IRFZ48VSPBF	
IRFZ48ZSPBF	MOSFET, 55V, 61A, 11 mOhm, 43 nC Qg, D2-Pak
IRL1004SPBF	MOSFET, 40V, 110A, 6.5 mOhm, 66.7 nC Qg, Logic Level, D2-Pak
IRL1004STRLPBF	MOSFET, 40V, 110A, 6.5 mOhm, 66.7 nC Qg, Logic Level, D2-Pak
IRL1004STRRPBF	MOSFET, 40V, 110A, 6.5 mOhm, 66.7 nC Qg, Logic Level, D2-Pak
IRL1404SPBF	MOSFET, 40V, 160A, 4 mOhm, 93.3 nC Qg, Logic Level, D2-Pak
IRL1404STRLPBF	MOSFET, 40V, 160A, 4 mOhm, 93.3 nC Qg, Logic Level, D2-Pak
IRL1404ZSPBF	MOSFET, 40V, 200A, 3.1 mOhm, 75 nC Qg, Logic Level, D2-Pak

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IFAM Part	Description
IRL1404ZSTRLPBF	MOSFET, 40V, 200A, 3.1 mOhm, 75 nC Qg, Logic Level, D2-Pak
IRL2203NSPBF	MOSFET, 30V, 116A, 7 mOhm, 40 nC Qg, Logic Level, D2-Pak
IRL2203NSTRLPBF	MOSFET, 30V, 116A, 7 mOhm, 40 nC Qg, Logic Level, D2-Pak
IRL2505SPBF	MOSFET, 55V, 104A, 8 mOhm, 86.7 nC Qg, Logic Level, D2-Pak
IRL2505STRLPBF	MOSFET, 55V, 104A, 8 mOhm, 86.7 nC Qg, Logic Level, D2-Pak
IRL2703SPBF	MOSFET, 30V, 24A, 400 mOhm, 10 nC Qg, Logic Level, D2-Pak
IRL2910SPBF	MOSFET, 100V, 55A, 26 mOhm, 93.3 nC Qg, Logic Level, D2-Pak
IRL2910STRLPBF	MOSFET, 100V, 55A, 26 mOhm, 93.3 nC Qg, Logic Level, D2-Pak
IRL2910STRRPBF	
IRL3103SPBF	MOSFET, 30V, 64A, 12 mOhm, 22 nC Qg, Logic Level, D2-Pak
IRL3103STRLPBF	MOSFET, 30V, 64A, 12 mOhm, 22 nC Qg, Logic Level, D2-Pak
IRL3705NSPBF	MOSFET, 55V, 89A, 10 mOhm, 65.3 nC Qg, Logic Level, D2-Pak
IRL3705NSTRLPBF	MOSFET, 55V, 89A, 10 mOhm, 65.3 nC Qg, Logic Level, D2-Pak
IRL3705ZSPBF	MOSFET, 55V, 86A, 8 mOhm, 40 nC Qg, Logic Level, D2-Pak
IRL3705ZSTRLPBF	MOSFET, 55V, 86A, 8 mOhm, 40 nC Qg, Logic Level, D2-Pak
IRL3713SPBF	MOSFET, 30V, 200A, 3 mOhm, 75 nC Qg, Logic Level, D2-Pak
IRL3713STRLPBF	MOSFET, 30V, 200A, 3 mOhm, 75 nC Qg, Logic Level, D2-Pak
IRL3713STRRPBF	MOSFET, 30V, 200A, 3 mOhm, 75 nC Qg, Logic Level, D2-Pak
IRL3714ZSPBF	MOSFET, 20V, 36A, 16 mOhm, 4.8 nC Qg, Logic Level, D2-Pak
IRL3715ZSPBF	MOSFET, 20V, 50A, 11 mOhm, 7 nC Qg, Logic Level, D2-Pak
IRL3803SPBF	MOSFET, 30V, 140A, 6 mOhm, 93.3 nC Qg, Logic Level, D2-Pak
IRL3803STRLPBF	MOSFET, 30V, 140A, 6 mOhm, 93.3 nC Qg, Logic Level, D2-Pak
IRL3803STRRPBF	MOSFET, 30V, 140A, 6 mOhm, 93.3 nC Qg, Logic Level, D2-Pak
IRL3803VSPBF	MOSFET, 30V, 140A, 5.5 mOhm, 50.7 nC Qg, Logic Level, D2-Pak
IRL40S212	
IRL520NSPBF	MOSFET, 100V, 10A, 180 mOhm, 13.3 nC Qg, Logic Level, D2-Pak
IRL520NSTRLPBF	MOSFET, 100V, 10A, 180 mOhm, 13.3 nC Qg, Logic Level, D2-Pak
IRL530NSPBF	MOSFET, 100V, 17A, 100 mOhm, 22.7 nC Qg, Logic Level, D2-Pak
IRL530NSTRLPBF	MOSFET, 100V, 17A, 100 mOhm, 22.7 nC Qg, Logic Level, D2-Pak
IRL530NSTRRPBF	MOSFET, 100V, 17A, 100 mOhm, 22.7 nC Qg, Logic Level, D2-Pak
IRL540NSPBF	MOSFET, 100V, 36A, 44 mOhm, 49.3 nC Qg, Logic Level, D2-Pak
IRL540NSTRLPBF	MOSFET, 100V, 36A, 44 mOhm, 49.3 nC Qg, Logic Level, D2-Pak
IRL540NSTRRPBF	
IRL7833SPBF	MOSFET, 30V, 150A, 3.8 mOhm, 32 nC Qg, Logic Level, D2-Pak
IRL7833STRLPBF	MOSFET, 30V, 150A, 3.8 mOhm, 32 nC Qg, Logic Level, D2-Pak
IRL7833STRRPBF	MOSFET, 30V, 150A, 3.8 mOhm, 32 nC Qg, Logic Level, D2-Pak
IRL8113SPBF	MOSFET, 30V, 105A, 6 mOhm, 23 nC Qg, Logic Level, D2-Pak
IRL8113STRLPBF	MOSFET, 30V, 105A, 6 mOhm, 23 nC Qg, Logic Level, D2-Pak
IRLS3034PBF	MOSFET, 40V, 343A, 1.7 mOhm, 108 nC Qg, D2-PAK
IRLS3034TRLPBF	MOSFET, 40V, 343A, 1.7 mOhm, 108 nC Qg, D2-PAK
IRLS3036PBF	MOSFET, 60V, 270A, 2.4 mOhm, 91 nC Qg, Logic Level, D2-Pak
IRLS3036TRLPBF	MOSFET, 60V, 270A, 2.4 mOhm, 91 nC Qg, Logic Level, D2-Pak
IRLS3036TRRPBF	MOSFET, 60V, 270A, 2.4 mOhm, 91 nC Qg, Logic Level, D2-Pak
IRLS4030PBF	MOSFET, 100V, 180A, 4.3 mOhm, 87 nC Qg, D2-PAK
IRLS4030TRLPBF	MOSFET, 100V, 180A, 4.3 mOhm, 87 nC Qg, D2-PAK
IRL24NSPBF	MOSFET, 55V, 18A, 60 mOhm, 10 nC Qg, Logic Level, D2-Pak
IRL24NSTRLPBF	MOSFET, 55V, 18A, 60 mOhm, 10 nC Qg, Logic Level, D2-Pak
IRL34NSPBF	MOSFET, 55V, 30A, 35 mOhm, 16.7 nC Qg, Logic Level, D2-Pak
IRL34NSTRLPBF	MOSFET, 55V, 30A, 35 mOhm, 16.7 nC Qg, Logic Level, D2-Pak
IRL44NSPBF	MOSFET, 55V, 47A, 22 mOhm, 32 nC Qg, Logic Level, D2-Pak
IRL44NSTRLPBF	MOSFET, 55V, 47A, 22 mOhm, 32 nC Qg, Logic Level, D2-Pak
IRL44NSTRRPBF	MOSFET, 55V, 47A, 22 mOhm, 32 nC Qg, Logic Level, D2-Pak
IRL44ZSPBF	MOSFET, 55V, 51A, 13.5 mOhm, 24 nC Qg, Logic Level, D2-Pak

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IFAM Part	Description
IRLZ44ZSTRLPBF	MOSFET, 55V, 51A, 13.5 mOhm, 24 nC Qg, Logic Level, D2-Pak
IRLZ44ZSTRRPBF	MOSFET, 55V, 51A, 13.5 mOhm, 24 nC Qg, Logic Level, D2-Pak

Qualification:

Parts passed all the reliability testing requirements. Reliability qualification report is available upon request.

Please contact the PCN Coordinator for supporting data

Supporting Data Availability:

Contact Infineon Technologies for supporting data on this change.

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