

Process Change Notification

Date: August 9, 2013
PCN Reference: S-20209K
PCR Reference: PCR # P-1242-MD-0642
Product Reference: Power Management Devices– D2Pak FET

To Our Valued Customer:

As always we appreciate your use of International Rectifier 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:

Type of Change Notification:

Alternate assembly site and BOM qualification for the assembly of D2Pak P-channel FET products.

Description of Change:

SP Semiconductors (Korea) has been qualified for the assembly of P-channel D2Pak FET products.

As a result of this change, the Bill of Materials will be as follows:

Mold compound: Samsung SG-8300-series
Die attach solder: PbSnAg
Gate and Source Wire: Aluminum

Reason for the Change:

Capacity expansion

Effect Date:

November 9th, 2013



International Rectifier 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:

No impact is expected. The new Bill of Materials and Assembly site will meet the same parametric and qualification level as the existing products. Product Datasheets will remain unchanged.

Products Affected:

Part Number	Description
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
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
IRF5305STRRPBF	MOSFET, P-CHANNEL, -55V, -31A, 60 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
IRF9520NSPBF	MOSFET, P-CHANNEL, -100V, -6.8A, 480 mOhm, 18 nC Qg, D2-Pak
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
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
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

Qualification:

Parts passed all the reliability testing requirements. Reliability qualification report is available upon request. Qualification standards can be found on International Rectifier’s web site at www.irf.com/product-info/reliability.



Data Availability:

Please contact the PCN Coordinator for supporting data.

Contact Information:

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