

N° 829-PCN90-Public

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Assembly and test site addition

Important information for your attention:

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 Chairman of the Supervisory Board: Wolfgang Mayrhuber Management Board: Dr. Reinhard Ploss (CEO), Dominik Asam, Arunjai Mittal Registered Office: Neubiberg Commercial Register: München HRB 126492



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Date: Monday, April 18, 2016 PCR Reference: 829 PCN Reference: 829-PCN90-Public

To Our Valued 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:

Alternate site for the assembly and test of SOIC8L HVIC products

Description of Change:

Assembly and test site addition

Products listed will be assembled in Hana Thailand with the same BOM as Carsem

ASE Malaysia has been qualified as alternate test site for the Products identified

Reason for the Change:

Additional assembly and test capacity

Effect Date:

Sunday, July 17, 2016

Impact of Change:

No impact is expected. The new Assembly site will meet the same parametric, MSL and Qualification level as the existing products. Product Datasheets will remain unchanged

Method of Identifying Changed Product:

The part marking will be updated to include an "underscore" after the last digit of the Lot Code to identify the part as a Copper wire based device.

Products Affected:

IFAM Part	Description
111-4093PBF	
111-4095PBF	
98-0086PBF	
98-0170PBF	
98-0237PBF	
98-0285PBF	
98-0427PBF	
98-0459PBF	



IFAM Part	Description				
98-0476PBF					
98-0494PBF					
98-0505PBF					
98-0506PBF					
98-1041PBF					
98-1043PBF					
98-1044PBF					
98-1051PBF					
IR11662SPBF	FLYBACK SYNCH REC IC (SO8, +1,-3.5A)				
IR11662STRPBF	FLYBACK SYNCH REC IC (SO8, +1,-3.5A)				
IR1166STRPBF	FLYBACK SYNCH REC IC (SO8, +1,-3.5A)				
IR11671ASPBF	SmartRectifier Control IC				
IR11671ASTRPBF	SmartRectifier Control IC				
IR11672ASPBF	SmartRectifier Control IC				
IR11672ASTRPBF	SmartRectifier Control IC				
IR1167ASTRPBF	SmartRectifier Control IC				
IR1167BSTRPBF	SmartRectifier Control IC				
IR1168SPBF	Dual Smartrectifier Driver IC				
IR1168STRPBF	Dual Smartrectifier Driver IC				
IR1169SPBF					
IR1169STRPBF					
IR2011SPBF	High and Low Side Driver in a 8-Lead SOIC package				
IR2011STRPBF	High and Low Side Driver in a 8-Lead SOIC package				
IR2101SPBF	High and Low Side Driver, Noninverting Inputs in a 8-lead SOIC package				
IR2101STRPBF	High and Low Side Driver, Noninverting Inputs in a 8-lead SOIC package				
IR2102SPBF	High and Low Side Driver, Inverting Inputs in a 8-lead SOIC package				
IR2102STRPBF	High and Low Side Driver, Inverting Inputs in a 8-lead SOIC package				
IR2103SPBF	Half Bridge Driver, Separate High and Low Side Inputs, Inverting Low Sid Input, Fixed 520ns Deadtime in a 8-lead SOIC package				
IR2103STRPBF	Half Bridge Driver, Separate High and Low Side Inputs, Inverting Low Side Input, Fixed 520ns Deadtime in a 8-lead SOIC package				
IR2104SPBF	Half Bridge Driver, Single Input Plus Inverting Shutdown Pin, Fixed 520ns Deadtime in a 8-lead SOIC package				
IR2104STRPBF	Half Bridge Driver, Single Input Plus Inverting Shutdown Pin, Fixed 520ns Deadtime in a 8-lead SOIC package				
IR2106SPBF	High and Low Side Driver, SoftTurn-On, Noninverting Inputs in a 8-lead SOIC package				
IR2106STRPBF	High and Low Side Driver, SoftTurn-On, Noninverting Inputs in a 8-lead SOIC package				
IR2108SPBF	Half Bridge Driver, Soft Turn-On, Separate High and Low Side Inputs, Fixed 500ns Deadtime in a 8-lead SOIC package				
IR2108STRPBF	Half Bridge Driver, Soft Turn-On, Separate High and Low Side Inputs, Fixed 500ns Deadtime in a 8-lead SOIC package				
IR21091SPBF	Half Bridge Driver, Soft Turn-On, Single Input Plus Shut-Down, Programmable 0.5-5us Deadtime in a 8-lead SOIC package				
IR21091STRPBF	600V .120A SOIC				
IR2109SPBF	Half Bridge Driver, Soft Turn-On, Single Input Plus Shut-Down, Fixed 500ns Deadtime in a 8-lead SOIC package				
IR2109STRPBF	Half Bridge Driver, Soft Turn-On, Single Input Plus Shut-Down, Fixed 500ns Deadtime in a 8-lead SOIC package				
IR2111SPBF	Half Bridge Driver, Fixed 650ns Deadtime in a 8-lead SOIC package				
IR2111STRPBF	Half Bridge Driver, Fixed 650ns Deadtime in a 8-lead SOIC package				
IR2117SPBF	Single High Side Driver, Noninverting Input in a 8-lead SOIC package				
IR2117STRPBF	Single High Side Driver, Noninverting Input in a 8-lead SOIC package				



SOIC package SOIC package			
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Single High Side Driver, Noninverting Inputs, Current Sensing, Overcurent Detection and Shutdown Fault Output in a 8-lead SOIC package			
Single High Side Driver, Noninverting Inputs, Current Sensing, Overcurent Detection and Shutdown Fault Output in a 8-lead SOIC package			
Single High Side Driver, Noninverting Inputs, Current Sensing, Overcurent Detection and Shutdown Fault Output in a 8-lead SOIC package			
Single High Side Driver, Noninverting Inputs, Current Sensing, Overcurent Detection and Shutdown Fault Output in a 8-lead SOIC package			
Single High Side Driver, Inverting Inputs, Current Sensing, Overcurent Detection and Shutdown Fault Output in a 8-lead SOIC package			
Single High Side Driver, Inverting Inputs, Current Sensing, Overcurent Detection and Shutdown Fault Output in a 8-lead SOIC package			
Half Bridge Driver, LO In Phase with RT, Programmable Oscillating Frequency, 0.6us Deadtime in a 8-lead SOIC package and different phase			
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able Oscillating ge and different phase			
Half Bridge Driver, LO In Phase with RT, Programmable Oscillating Frequency, 0.6us Deadtime in a 8-lead SOIC package and different phase			
Halogen Converter Control IC in a 8-lead SOIC package. Features Auto Resetting Short Circuit Protection, Auto Resetting Overload Protection, Overtemperature Protection, Phase Cut Dimmable, Adaptive Deadtime, Output Voltage Shift Compensation and Softstar			
Halogen Converter Control IC in a 8-lead SOIC package. Features Auto Resetting Short Circuit Protection, Auto Resetting Overload Protection, Overtemperature Protection, Phase Cut Dimmable, Adaptive Deadtime, Output Voltage Shift Compensation and Softstar			
g Inputs, Separate			
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Input, Separate High NC package			
Input, Separate High NC package			
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ig Inputs in a 8-lead			
g Inputs in a 8-lead			
SOIC package Half Bridge Driver, Soft Turn-On, Single Input Plus Shut-Down, Fixed 500ns Deadtime in a 8-lead SOIC package			
Half Bridge Driver, Soft Turn-On, Single Input Plus Shut-Down, Fixed 500ns Deadtime in a 8-lead SOIC package			
s in a 8-lead SOIC			
package Half Bridge Driver, SoftTurn-On, Noninverting Inputs in a 8-lead SOIC package			
High Voltage and High Speed power MOSFET and IGBT Half Bridge Driver in a 8-lead SOIC package			



IFAM Part	Description High Voltage and High Speed power MOSEET and ICPT Half Bridge				
IR2308STRPBF	High Voltage and High Speed power MOSFET and IGBT Half Bridge Driver in a 8-lead SOIC package				
IR2520DSPBF	600V Ballast Controller IC with Adaptive Zero-Voltage Switching, Internal Crest Factor Over-Current Protection and an Integrated Bootstrap Diode in a 8-Pin SOIC package.				
IR2520DSTRPBF	600V Ballast Controller IC with Adaptive Zero-Voltage Switching, Internal Crest Factor Over-Current Protection and an Integrated Bootstrap Diode ir a 8-Pin SOIC package.				
IR25600SPBF					
IR25600STRPBF					
IR25601SPBF					
IR25601STRPBF					
IR25602SPBF					
IR25602STRPBF					
IR25603SPBF					
IR25603STRPBF					
IR25604SPBF					
IR25604STRPBF					
IR25606SPBF					
IR25606STRPBF					
IR4426SPBF	Dual Low Side Driver, Inverting Input in a 8-lead SOIC package				
IR4426STRPBF	Dual Low Side Driver, Inverting Input in a 8-lead SOIC package				
IR4427SPBF	Dual Low Side Driver in a 8-lead SOIC package				
IR4427STRPBF	Dual Low Side Driver in a 8-lead SOIC package				
IRS2001SPBF	High and Low Side Driver in a 8-Lead SOIC package				
IRS2001STRPBF	High and Low Side Driver in a 8-Lead SOIC package				
IRS2003SPBF	Half Bridge Driver, high speed power MOSFET and IGBT drivers with dependent high and low side referenced output channels				
IRS2003STRPBF	Half Bridge Driver, high speed power MOSFET and IGBT drivers with dependent high and low side referenced output channels				
IRS2004SPBF	Half Bridge Driver, high speed power MOSFET and IGBT drivers with dependent high and low side referenced output channels				
IRS2004STRPBF	Half Bridge Driver, high speed power MOSFET and IGBT drivers with dependent high and low side referenced output channels				
IRS2011SPBF	High and Low Side Driver in a 8-Lead SOIC package				
IRS2011STRPBF	High and Low Side Driver in a 8-Lead SOIC package				
IRS2101SPBF	High and Low Side Driver in a 8-Lead SOIC				
IRS2101STRPBF	High and Low Side Driver in a 8-Lead SOIC				
IRS2103SPBF	Half Bridge Driver, Separate High and Low Side Inputs, Inverting Low Side Input, Fixed 520ns Deadtime in a 8-lead SOIC package				
IRS2103STRPBF	Half Bridge Driver, Separate High and Low Side Inputs, Inverting Low Side Input, Fixed 520ns Deadtime in a 8-lead SOIC package				
IRS2104SPBF	Half Bridge Driver, Single Input Plus Inverting Shutdown Pin, Fixed 520ns Deadtime in a 8-lead SOIC package				
IRS2104STRPBF	Half Bridge Driver, Single Input Plus Inverting Shutdown Pin, Fixed 520ns Deadtime in a 8-lead SOIC package				
IRS2106SPBF	High and Low Side Driver, SoftTurn-On, Noninverting Inputs, All High Voltage Pins on One Side, Separate Logic and Power Ground in a 8-pin SOIC package				
IRS2106STRPBF	High and Low Side Driver, SoftTurn-On, Noninverting Inputs, All High Voltage Pins on One Side, Separate Logic and Power Ground in a 8-pin SOIC package				
IRS2108SPBF	Half Bridge Driver, Soft Turn-On, Separate High and Low Side Inputs, Fixed 540ns Deadtime in a 8-lead SOIC package				



IFAM Part	Description			
IRS2108STRPBF	Half Bridge Driver, Soft Turn-On, Separate High and Low Side Inputs, Fixed 540ns Deadtime in a 8-lead SOIC package			
IRS21091SPBF	Half Bridge Driver in a 8-pin SOIC package			
IRS21091STRPBF	Half Bridge Driver in a 8-pin SOIC package			
IRS2109SPBF	Half Bridge Driver, Soft Turn-On, Single Input Plus Shut-Down, Fixed 540ns Deadtime in a 8-lead SOIC package			
IRS2109STRPBF	Half Bridge Driver, Soft Turn-On, Single Input Plus Shut-Down, Fixed 540ns Deadtime in a 8-lead SOIC package			
IRS2111SPBF	Half Bridge Driver, Fixed 650ns Deadtime in a 8-Lead SOIC package			
IRS2111STRPBF	Half Bridge Driver, Fixed 650ns Deadtime in a 8-Lead SOIC package			
IRS21171SPBF	High-Side Driver IC, Single Channel			
IRS21171STRPBF	High-Side Driver IC, Single Channel			
IRS2117SPBF	Single High Side Driver, Noninverting Input in a 8-lead SOIC package			
IRS2117STRPBF	Single High Side Driver, Noninverting Input in a 8-lead SOIC package			
IRS2118SPBF	Single High Side Driver, Noninverting Input in a 8-pin DIP package			
IRS2118STRPBF	Single High Side Driver, Noninverting Input in a 8-pin DIP package			
IRS2123SPBF	Industrial qualified, non inverting High Side Driver, 600V, 200kHz, 250mA SOIC8			
IRS2123STRPBF	Industrial qualified, non inverting High Side Driver, 600V, 200kHz, 250mA SOIC8			
IRS2124SPBF	Industrial qualified, non inverting High Side Driver, 600V, 200kHz, 250mA SOIC8			
IRS2124STRPBF	Industrial qualified, non inverting High Side Driver, 600V, 200kHz, 250m/ SOIC8			
IRS21271SPBF	600V Current Sensing Single Channel Driver with Gate Drive Range of 12V - 20V and Output in Phase with Input in a 8-Lead SOIC Package.			
IRS21271STRPBF	600V Current Sensing Single Channel Driver with Gate Drive Range of 12V - 20V and Output in Phase with Input in a 8-Lead SOIC Package.			
IRS2127SPBF	600V Current Sensing Single Channel Driver with Gate Drive Range of 12V - 20V and Output in Phase with Input in a 8-Lead SOIC Package.			
IRS2127STRPBF	600V Current Sensing Single Channel Driver with Gate Drive Range of 12V - 20V and Output in Phase with Input in a 8-Lead SOIC Package.			
IRS21281SPBF	600V Current Sensing Single Channel Driver with Gate Drive Range of 12V - 20V and Output out of Phase with Input in a 8-Lead SOIC Package.			
IRS21281STRPBF	600V Current Sensing Single Channel Driver with Gate Drive Range of 12V - 20V and Output out of Phase with Input in a 8-Lead SOIC Package.			
IRS2128SPBF	600V Current Sensing Single Channel Driver with Gate Drive Range of 12V - 20V and Output out of Phase with Input in a 8-Lead SOIC Package.			
IRS2128STRPBF	600V Current Sensing Single Channel Driver with Gate Drive Range of 12V - 20V and Output out of Phase with Input in a 8-Lead SOIC Package.			
IRS21531DSPBF	Self-Oscillating Half Bridge Driver, 1.1us Deadtime in a 8-pin SOIC package			
IRS21531DSTRPBF	Self-Oscillating Half Bridge Driver, 1.1us Deadtime in a 8-pin SOIC package			
IRS2153DSPBF	Self-Oscillating Half Bridge Driver, 1.1us Deadtime in a SO-8 package			
IRS2153DSTRPBF	Self-Oscillating Half Bridge Driver, 1.1us Deadtime in a SO-8 package			
IRS2181SPBF	High and Low Side Driver, SoftTurn-On, Noninverting Inputs, Separate High and Low Side Inputs in a 8-lead SOIC package			
IRS2181STRPBF	High and Low Side Driver, SoftTurn-On, Noninverting Inputs, Separate High and Low Side Inputs in a 8-lead SOIC package			
IRS2183SPBF	Half Bridge Driver, SoftTurn-On, Low Side Inverting Input, Separate High and Low Side Input, 400ns Deadtime in a 8-lead SOIC package			
IRS2183STRPBF	Half Bridge Driver, SoftTurn-On, Low Side Inverting Input, Separate High and Low Side Input, 400ns Deadtime in a 8-lead SOIC package			
IRS2184SPBF	Half Bridge Driver, SoftTurn-On, Single Input Plus Inverting Shut-Down, 400ns Deadtime in a 8-lead SOIC package			



IFAM Part	Description			
IRS2184STRPBF	Half Bridge Driver, SoftTurn-On, Single Input Plus Inverting Shut-Down, 400ns Deadtime in a 8-lead SOIC package			
IRS21850SPBF	600V Single High Side Driver IC with propagation delay matched output channels in a 8-Lead SOIC package.			
IRS21850STRPBF	600V Single High Side Driver IC with propagation delay matched output channels in a 8-Lead SOIC package.			
IRS21851SPBF	600V Single High Side Driver IC with propagation delay matched output channels in a 8-Lead SOIC package			
IRS21851STRPBF	600V Single High Side Driver IC with propagation delay matched output channels in a 8-Lead SOIC package			
IRS21867SPBF	High current (lout = 4A) robust HS/LS gate driver			
IRS21867STRPBF	High current (lout = 4A) robust HS/LS gate driver			
IRS2186SPBF	Derived from the IRS2181PBF this High and Low Side Driver in a 8-Lead SOIC package has output source/sink current capability of 4A and 4A			
IRS2186STRPBF	Derived from the IRS2181PBF this High and Low Side Driver in a 8-Lead SOIC package has output source/sink current capability of 4A and 4A			
IRS2301SPBF	High and Low Side Driver, SoftTurn-On, Noninverting Inputs in a 8-lead SOIC package			
IRS2301STRPBF	High and Low Side Driver, SoftTurn-On, Noninverting Inputs in a 8-lead SOIC package			
IRS2302SPBF	Half Bridge Driver, Soft Turn-On, Single Input Plus Shut-Down, Fixed 500ns Deadtime in a 8-Lead package			
IRS2302STRPBF	Half Bridge Driver, Soft Turn-On, Single Input Plus Shut-Down, Fixed 500ns Deadtime in a 8-Lead package			
IRS2304SPBF	Half Bridge Driver, high voltage, high speed power MOSFET and IGBT driver with independent high and low side referenced output channels.			
IRS2304STRPBF	Half Bridge Driver, high voltage, high speed power MOSFET and IGBT driver with independent high and low side referenced output channels.			
IRS2308SPBF	High Voltage and High Speed power MOSFET and IGBT Half Bridge Driver in a 8-lead SOIC package			
IRS2308STRPBF	High Voltage and High Speed power MOSFET and IGBT Half Bridge Driver in a 8-lead SOIC package			
IRS2500SPBF	PFC controller IC			
IRS2500STRPBF	PFC controller IC			
IRS25091SPBF	600V 999.000A OTHER			
IRS2509SPBF	600V 999.000A OTHER			
IRS2509STRPBF	600V 999.000A OTHER			
IRS2526DSPBF	Fluorescent PFC + Ballast Combo IC			
IRS2530DSPBF	Ballast Control IC, 600V .500A SOIC			
IRS2530DSTRPBF	Ballast Control IC, 600V .500A SOIC			
IRS2538DSPBF				
IRS2538DSTRPBF				
IRS25401SPBF	Hysteretic Buck LED Driver (Improved version of the IRS2540, IRS2541)			
IRS25401STRPBF	Hysteretic Buck LED Driver (Improved version of the IRS2540, IRS2541)			
IRS2540SPBF	200V Half Bridge Driver LED Buck Regulator in a 8-Pin SOIC Package			
IRS2540STRPBF	200V Half Bridge Driver LED Buck Regulator in a 8-Pin SOIC Package			
IRS25411SPBF	Hysteretic Buck LED Driver (Improved version of the IRS2540, IRS2541)			
IRS25411STRPBF	Hysteretic Buck LED Driver (Improved version of the IRS2540, IRS2541)			
IRS2541SPBF	600V Half Bridge Driver LED Buck Regulator in a 8-Pin SOIC Package			
IRS2541STRPBF	600V Half Bridge Driver LED Buck Regulator in a 8-Pin SOIC Package			
IRS26072DSPBF	Half-Bridge Driver LED Buck Regulator in a 8-Pin SOIC Package			
IRS26072DSTRPBF	Half-Bridge Driver IC, motion control IC			
IRS2607DSPBF	High voltage, high speed power MOSFET and IGBT driver with independent high side and low side referenced output channels packaged in a 8-Pin SOIC			



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IFAM Part	Description			
IRS2607DSTRPBF	High voltage, high speed power MOSFET and IGBT driver with independent high side and low side referenced output channels packaged			
IRS2608DSPBF	in a 8-Pin SOIC			
	Half Bridge Driver, 600V .250A SOIC-8 (compl. Input)			
IRS2608DSTRPBF	Half Bridge Driver, 600V .250A SOIC-8 (compl. Input)			
IRS2609DSPBF	Half Bridge Driver, 600V .250A SOIC-9 (single input)			
IRS2609DSTRPBF	Half Bridge Driver, 600V .250A SOIC-9 (single input)			
IRS27951SPBF	Resonant 1/2 Bridge Control IC			
IRS27951STRPBF	Resonant 1/2 Bridge Control IC			
IRS27952SPBF	Resonant 1/2 Bridge Control IC			
IRS27952STRPBF	Resonant 1/2 Bridge Control IC			
IRS2980SPBF	Fluorescent PFC + Ballast Combo IC			
IRS2980STRPBF	Fluorescent PFC + Ballast Combo IC			
IRS2983SPBF				
IRS2983STRPBF				
IRS44262SPBF				
IRS44262STRPBF				
IRS4426SPBF	Dual Low Side Driver, low voltage, high speed power MOSFET and IGBT drivers, Outputs in phase with inputs.			
IRS4426STRPBF	Dual Low Side Driver, low voltage, high speed power MOSFET and IGBT drivers, Outputs in phase with inputs.			
IRS4427SPBF	Dual Low Side Driver, low voltage, high speed power MOSFET and IGBT drivers, Outputs in phase with inputs.			
IRS4427STRPBF	Dual Low Side Driver, low voltage, high speed power MOSFET and IGBT drivers, Outputs in phase with inputs.			
IRS4428SPBF	Dual Low Side Driver, low voltage, high speed power MOSFET and IGBT drivers, Outputs in phase with inputs.			
IRS4428STRPBF	Dual Low Side Driver, low voltage, high speed power MOSFET and IGBT drivers, Outputs in phase with inputs.			

Qualification:

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

Supporting Data Availability:

Contact Infineon Technologies for supporting data on this change.

Contact Information:

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