

International Rectifier

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Process Change Notification

Date: Tuesday, December 16, 2014

PCR Reference: 406

PCN Reference: 406-PCN90-Public

To Our Value 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 changes.

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

Type of Change Notification:

1. Alternate site for the assembly of QFN-IC Controller products
2. Additional test capacity

Description of Change:

QFN-IC Controllers- Alternate sites for assembly and test

1. Alternate site in China has been qualified for assembly
2. Alternate site in Malaysia has been qualified as test site

Bill of Materials

Material	UTAC Thailand (Current site, Turnkey)	Carsem China (Proposed Assembly site)	ASE-Malaysia (Proposed Test site)	Impact on Form, Fit or Function
Epoxy	8600	QMI519	Na	Form
Wire	Au	Au	Na	None

Mold compound	G770HCD	G770HCD	Na	None
Terminal Finish	Matte Tin / NiPdAu	Ni/Pd/Au	Na	None

Reason for the Change:

Additional assembly and test capacity

Effect Date:

Monday, March 16, 2015

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:

The new Bill of Materials and 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:

Datecode and Lotcode information

Products Affected:

IR Part	Description
111-3043PBF	
111-4120PBF	
111-4122PBF	
111-4136PBF	
111-4138PBF	
111-4160PBF	
ASP1000C-08T	
ASP1000C-16T	
ASP1000C-A41T	
ASP1000C-A42T	
ASP1000C-A62T	
ASP1000C-I08T	
ASP1000C-I16T	
ASP1000C-I41T	
ASP1000C-I42T	
ASP1000C-I62T	
ASP1000C-S32T	
ASP1000C-S34T	

ASP1101-AT	
ASP1101-BT	
ASP1101-CT	
ASP1105-I62T	
ASP1105-X62T	
ASP1211-A60NT	
ASP1211-A62NT	
ASP1211-A80DT	
ASP1211-A80NT	
ASP1212-N20NT	
ASP1212-N40NT	
ASP1212-N60NT	
ASP1212-N80NT	
ASP1250-S20T	
ASP1300-A62DT	
ASP1300-A62NT	
CHL8112A-00CRT	5 Phase, Dual output voltage, Digital PWM Controller, AMD SVI, Overclocking, Phase Shedding, SMBus, I2C
CHL8112A-04CRT	
CHL8112A-05CRT	
CHL8112A-06CRT	
CHL8112A-07CRT	
CHL8112A-08CRT	
CHL8112A-09CRT	
CHL8225-02CRT	
CHL8225G-00CRT	5 Phase, Dual output voltage, Digital PWM Controller, VR12, AMD SVI, Overclocking, Phase Shedding, SMBus, I2C
CHL8225G-02CRT	
CHL8225G-06CRT	
CHL8228G-00CRT	8 Phase, Dual output voltage, Digital PWM Controller, Graphics, Overclocking, Phase Shedding, SMBus, I2C
CHL8228G-01CRT	
CHL8228G-02CRT	
CHL8228G-03CRT	
CHL8228G-05CRT	
CHL8266-01CRT	
CHL8266CRT	6 Phase, Single output voltage, Digital PWM Controller, Graphics, Overclocking, Phase Shedding, SMBus
CHL8314-02CRT	
CHL8314CRT	4+1 Phase, Dual output voltage, Digital PWM Controller, Graphics, Overclocking, Phase Shedding, I2C
CHL8318-01CRT	
CHL8318-20-01CR	
CHL8318-20-01CRT	
CHL8318-20-04CR	
CHL8318CRT	8 Phase, Single output voltage, Digital PWM Controller, VR11, Overclocking, Phase Shedding, SMBus

CHL8325A-00CRT	5 Phase, Dual output voltage, Digital PWM Controller, VR12, AMD SVI, Overclocking, Phase Shedding, SMBus, I2C
CHL8325A-02CRT	
CHL8325A-03CRT	
CHL8325A-04CRT	
CHL8325A-05CRT	
CHL8325A-09CRT	
CHL8325A-16CRT	
CHL8325A-19CRT	
CHL8325A-34CRT	
CHL8325A-38CRT	
CHL8325A-39CRT	
CHL8325A-42CRT	
CHL8325B-00CRT	5 Phase, Dual output voltage, Digital PWM Controller, VR12, AMD SVI, Overclocking, Phase Shedding, SMBus, I2C
CHL8326-00CRT	6 Phase, Dual output voltage, Digital PWM Controller, VR12, AMD SVI, Overclocking, Phase Shedding, SMBus, I2C
CHL8326-01CRT	
CHL8326-07CRT	
CHL8328-00CRT	8 Phase, Dual output voltage, Digital PWM Controller, VR12, AMD SVI, Overclocking, Phase Shedding, SMBus, I2C
CHL8328-01CRT	
CHL8328-03CRT	
CHL8328-04CRT	
IR3536AMSM01TRP	
IR3536AMTRPBF	6 Phase, Dual output voltage, Digital PWM Controller, VR12, AMD SVI, Overclocking, Phase Shedding, SMBus, I2C
IR3536AMTYPBF	
IR3536MMT01TRP	
IR3536MSG01TRP	
IR3536MTRPBF	6 Phase, Dual output voltage, Digital PWM Controller, VR12, AMD SVI, Overclocking, Phase Shedding, SMBus, I2C
IR3538AMSM01TRP	
IR3538MTRPBF	9999V 999.000A XPHASE
IR3541MMU01TRP	
IR3541MSG01TRP	
IR3541MSG02TRP	
IR3541MSM01TRP	
IR3541MSM02TRP	
IR3541MTRPBF	5 Phase, Dual output voltage, Digital PWM Controller, VR12, AMD SVI, Overclocking, Phase Shedding, SMBus, I2C
IR3565BMFS01TRP	
IR3566BMFC05TRP	
IR3567AMGB04TRP	
IR3567AMGB05TRP	
IR3567AMGB07TRP	
IR3570BMAU02TRP	

IR3570BMFC01TRP	
IR3588MLN01TRP	
IR3588MTRPBF	
IR36021MFS01TRP	
IR36021MFS02TRP	

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

Supporting Data Availability:

Contact IR for supporting data on this change.

Contact Information:

CONTACT TYPE	NAME	PHONE	EMAIL
PCN Coordinator	Mark Ogden		mogden1@irf.com
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