

International Rectifier

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Process Change Notification

Date: Tuesday, April 21, 2015

PCR Reference: 383

PCN Reference: 383-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:

Alternate site for the assembly of QFN-IC Controller products

Description of Change:

Additional site in Malaysia has been qualified as alternate assembly site for QFN-IC Controllers

Bill of Materials below

Material	Carsem Malaysia (Current site)	ASE Malaysia (Proposed site)	Impact on Form, Fit or Function
Epoxy	QMI519	QMI519	None
Wire	Au	Au	None
Mold compound	G770HCD	G770HCD	None
Terminal Finish	Ni/Pd/Au	Ni/Pd/Au	None

Reason for the Change:

Additional assembly capacity

Effect Date:

Monday, July 20, 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:

No impact is expected. The new assembly site will meet the same parametric and qualification level and package outline as the existing products. Product Datasheets will remain unchanged.

Method of Identifying Changed Product:

Date code and Lot code information

Products Affected:

IR Part	Description
111-3043PBF	
111-4136PBF	
111-4138PBF	
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	
ASP1107-A42T	
ASP1107-A62T	
ASP1108-I42T	
ASP1211-A60NT	
ASP1211-A62NT	
ASP1211-A80DT	
ASP1211-A80NT	
ASP1212-N20NT	
ASP1212-N40NT	
ASP1212-N60NT	

ASP1212-N80NT	
ASP1250-S20T	
ASP1251-I04T	
ASP1251-I08T	
ASP1251-I12T	
ASP1251-I16T	
ASP1251-W08T	
CHL8102-00CRT	2+1 Phase, Dual output voltage, Digital PWM Controller, VR12, AMD, Overclocking, Phase Shedding, I2C
CHL8102-01CRT	
CHL8103-00CRT	3+1 Phase, Dual output voltage, Digital PWM Controller, VR12, AMD, Overclocking, Phase Shedding, I2C
CHL8103-02CRT	
CHL8103-03CRT	
CHL8103-04CRT	
CHL8103-05CRT	
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
IR3563AMGB01TRP	
IR3563AMGB02TRP	
IR3563AMGB03TRP	
IR3563AMTRPBF	
IR3563BMGB02TRP	
IR3563BMGB03TRP	

IR3563BMMS01TRP	
IR3563BMTRPBF	
IR3564AMFC01TRP	
IR3564AMGB01TRP	
IR3564AMGB02TRP	
IR3564AMGB04TRP	
IR3564AMTRPBF	
IR3564BMGB01TRP	
IR3564BMGB03TRP	
IR3564BMGB04TRP	
IR3564BMTRPBF	
IR3565AMCP01TRP	
IR3565AMFC01TRP	
IR3565AMTRPBF	
IR3565AMWS01TRP	
IR3565BMFS01TRP	
IR3565BMTRPBF	
IR3566AMIS01TRP	
IR3566AMIS02TRP	
IR3566AMSM01TRP	
IR3566AMTRPBF	DIGTL MPH CTRL QFN 48P
IR3566BMHA03TRP	
IR3566BMTRPBF	
IR3567AMGB01TRP	
IR3567AMGB02TRP	
IR3567AMGB03TRP	
IR3567AMGB04TRP	
IR3567AMGB05TRP	
IR3567AMGB07TRP	
IR3567AMQA04TRP	
IR3567AMTRPBF	
IR3567BMAM01TRP	
IR3567BMGB01TRP	
IR3567BMTRPBF	
IR3570AMCP01TRP	
IR3570AMGB01TRP	
IR3570AMGB02TRP	
IR3570AMGB03TRP	
IR3570AMGB04TRP	
IR3570AMGB05TRP	
IR3570AMGB06TRP	
IR3570AMGB07TRP	
IR3570AMGB08TRP	
IR3570AMGB09TRP	
IR3570AMGB10TRP	
IR3570AMGB13TRP	

IR3570AMGB14TRP	
IR3570AMGB15TRP	
IR3570AMGB16TRP	
IR3570AMIE03TRP	
IR3570AMIE07TRP	
IR3570AMIS03TRP	
IR3570AMQA01TRP	
IR3570AMQA02TRP	
IR3570AMQA03TRP	
IR3570AMTRPBF	
IR3570BMCC01TRP	
IR3570BMFC01TRP	
IR3570BMTRPBF	
IR3585AMTRPBF	
IR3585BMSY01TRP	
IR3585BMSY02TRP	
IR3585BMTRPBF	
IR3599MTRPBF	IR3599 Doubler / Quad Phase Multiplier
IR36021MFS01TRP	
IR36021MFS02TRP	
IR36021MTRPBF	
IRMCK099M	
IRMCK099MTR	

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:

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