



Product Change Notification

111979 - 02

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Should you have any issues with the timeline or content of this change, please contact the Intel Representative(s) for your geographic location listed below. No response from customers will be deemed as acceptance of the change and the change will be implemented pursuant to the key milestones set forth in this attached PCN.

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Product Change Notification

Change Notification #: 111979 - 02
Change Title: Various Intel® BGA Products
PCN 111979-02, Product Material
Reason for Revision: Corrected Ready to Receive Date
Date of Publication: July 19, 2013

Key Characteristics of the Change:

Product Material

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	Mar 18, 2013
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The "Date Customer Must be Ready to Receive Post-Conversion Material" is the projected date that a customer may expect to receive the Post-Conversion Materials. This date is determined by the projected depletion of inventory at the time of the PCN publication. The depletion of inventory may be impacted by fluctuating supply and demand, therefore, although customers should be prepared to receive the Post-Converted Materials on this date, Intel will continue to ship and customers may continue to receive the pre-converted materials until the inventory has been depleted.

A customer may request an extension to receive pre-conversion material after the Ready-To-Receive (RTR) date contained in this Product Change Notification. Provided Intel can support the volume and timing of the extension request, all confirmed extension support must be booked by the customer within 7 days of receiving confirmation or the volume will be made available to support other requests. All requests are supported on a first come, first serve basis.

Unless otherwise agreed to in writing by Intel, all material booked on orders corresponding to the approved extension requests beyond RTR date are Non-Cancellable, Non-returnable (NCNR). Please contact your local Intel representative for product availability.

Description of Change to the Customer:

Reason for Revision: Corrected Ready to Receive Date

In keeping with Intel's "Green" initiatives to produce environmentally friendly products through the reduction/elimination of halogens, the Various Intel® BGA Products listed in the Products Affected / Intel Ordering Codes table below will undergo the following change:

1. The solder paste used for the BGA ball attach process will change from a SAC405 type paste that contains halogens to a Halogen Free SAC305 type paste.

Customer Impact of Change and Recommended Action:

Intel currently uses Halogen Free SAC305 type paste on multiple products currently in production, with 10s of millions of units shipped, and has seen equivalent performance for both paste types.

Intel expects customers will see no change to the Form, Fit, or Function of the products. There are no changes to the product specification, manufacturing or rework recommendations provided by Intel through its Customer Manufacturing Enabling or Manufacturing Advantage Service information as a result of this change.

Intel will not make any changes to the device identification or ordering information and this will be implemented as a running change on or after the dates listed in the Forecasted Key Milestones section of this PCN.

Customers will continue to receive the pre-converted material until all pre-conversion inventory has been depleted.

This list below contains the Intel® BGA Products that will change the solder ball attach paste type from Halogenated SAC405 to Halogen Free SAC305.

Products Affected / Intel Ordering Codes:

Product Code	S-Spec	MM#
NK80530KZ933512S L7T3	S L7T3	863671
NK80530KZ800512S L7T4	S L7T4	863863
NK80530VY650256S L7UJ	S L7UJ	863865
NK80530VY400256S L7UK	S L7UK	863867
LE80535GC0251M S L8BH	S L8BH	869601
LE80535LC0051M S L8FL	S L8FL	870139
LE80535NC013512S L8FM	S L8FM	870148
LE80535VC600512S L8FN	S L8FN	870152
LE80539UE0092MXS L9JQ	S L9JQ	882751
LE80539LF0282MXS L9JT	S L9JT	882790
LE80539GF0412MXS L9K2	S L9K2	882800
LE80538VE0041MES L9L7	S L9L7	883549
LE80538NE0361MES L9LF	S L9LF	884036
LE80537UE0042M S LV3X	S LV3X	888491
LE80537GG0494M S LADM	S LADM	891316
LE80537LG0254M S LAET	S LAET	891454
LE80537UE0042M S LAUT	S LAUT	895496
AC80566UC005DE S LB2C	S LB2C	897822
AC80566UE025DW S LB6P	S LB6P	897825
AU80586GE025D S LB73	S LB73	897939
AC82GS45 S LB92	S LB92	898196
AC82GM45 S LB94	S LB94	898200
AC82GL40 S LB95	S LB95	898201
AF82US15W S LGFQ	S LGFQ	899760
LE80537GF0484M S LGFV	S LGFV	899884
LE80537LF0214M S LGFX	S LGFX	899898

Product Code	S-Spec	MM#
CH80566EE025DW S LGPN	S LGPN	901873
CH80566EE014DT S LGPP	S LGPP	901875
CH80566EC005DW S LGPQ	S LGPQ	901876
CH80566EC005DT S LGPR	S LGPR	901877
AU80610004392AAS LBLA	S LBLA	904093
AU80610004653AAS LBMG	S LBMG	904317
AU80610004671AAS LBMH	S LBMH	904318
AU80610006237AAS LBX9	S LBX9	907817
AU80610006225AAS LBXC	S LBXC	908139
AU80610006252AAS LBXD	S LBXD	908151
LE80536GE0412M S LJ8T	S LJ8T	915860
LE80536LC0172M S LJ8U	S LJ8U	915861
LE80536VC001512S LJ8V	S LJ8V	915862
LE80554VC0010M S LJ8W	S LJ8W	915863
LE80554VC8000M S LJ8X	S LJ8X	915864
LE80554VC9000M S LJ8Y	S LJ8Y	915865
LE80536GC0332M S LJ8Z	S LJ8Z	915866
LE80536NC0211M S LJ92	S LJ92	915867
LE80536NE0251M S LJ93	S LJ93	915868
NPIXP2850BA S LA7K	S LA7K	889978
NPIXP2850BB S LA7L	S LA7L	889979
NPIXP2855AD S LA83	S LA83	890001
NPIXP2855ACR S LA84	S LA84	890004
NPIXP2805AD S LA85	S LA85	890006
NPIXP2805ACR S LA86	S LA86	890007
NPIXP2855AC S LA87	S LA87	890008
NPIXP2855AB S LA88	S LA88	890009
NPIXP2805AC S LA89	S LA89	890010
NPIXP2805AB S LA8A	S LA8A	890011
NPIXP2855ABR S LA8B	S LA8B	890013
NPIXP2805ABR S LA8C	S LA8C	890014
CT80618007035ABS LJ39	S LJ39	913549
CT80618003201ABS LJ38	S LJ38	913571
CT80618005841ABS LJ37	S LJ37	913650
CT80618005844ABS LJ36	S LJ36	913695
CT80618007035AAS LJ35	S LJ35	913706
CT80618003201AAS LJ34	S LJ34	913720
CT80618005841AAS LJ33	S LJ33	913761
CT80618005844AAS LJ32	S LJ32	913773

PCN Revision History:

Date of Revision:

February 14, 2013

July 12, 2013

July 19, 2013

Revision Number:

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Reason:

Originally Published PCN

Removed PB-based SKU's

Corrected Ready to Receive Date