



Product Change Notification

112077 - 00

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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 #: 112077 - 00
Change Title: Intel® BD82QM57, BD82Q57, BD82HM55, BD3420, BD3450, BD7500MB, BD7510, BD7512 Express Chipsets, PCN 112077-00, Product Material, BGA ball attach process change from halogen SAC405 paste to halogen free SAC305 paste
Date of Publication: February 25, 2013

Key Characteristics of the Change:

Product Material

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	Mar 27, 2013
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Description of Change to the Customer:

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

The solder paste used for the BGA ball attach process will change from a SAC405 type paste which contains halogens to a halogen free SAC305 type paste.

Customer Impact of Change and Recommended Action:

Intel 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 may see a mix of products until inventory has been depleted.

Products Affected / Intel Ordering Codes:

This list below contains the Intel® Express Chipsets products that will change the solder ball attach paste type from halogenated SAC405 to halogen free SAC305.

Marketing Name	Stepping	Product Code	S-Spec	MM#
Intel® BD82QM57 Platform Controller Hub	B3	BD82QM57	S LGZQ	904125
Intel® BD82HM55 Platform Controller Hub	B3	BD82HM55	S LGZS	904127
Intel® BD82Q57 Platform Controller Hub	B3	BD82Q57	S LGZW	904131
Intel® BD3450 Platform Controller Hub	B3	BD3450	S LGZY	904133
Intel® BD3420 Platform Controller Hub	B3	BD3420	S LH25	904143
Intel® BD7500MB Platform Controller Hub	C0	BD7500MB	S LH2F	906095
Intel® BD7510 Platform Controller Hub	A1	BD7510	S LHBC	910394
Intel® BD7512 Platform Controller Hub	A1	BD7512	S LHBD	910395

PCN Revision History:

Date of Revision:

February 25, 2013

Revision Number:

00

Reason:

Originally Published PCN