



# Product Change Notification

**Change Notification #:** 115999 - 00  
**Change Title:** Intel® Platform Controller Hub:  
GL82QM170, GL82HM170, GL82Q170,  
GL82Q150, GL82B150, GL82CM238,  
GL82H170, GL82Z170, GL82H110,  
GL82C232, GL82C236, GL82CM236,  
GLQMS180, GL82QM175, GL82HM175,  
PCN 115999-00, Manufacturing Site, Label,  
Notification to Customers that the Intel  
products will have Assembly in CDAT, China  
with Ball Attach and Test-Finish process in  
VNAT, Vietnam  
**Date of Publication:** December 14, 2017

## Key Characteristics of the Change:

Manufacturing Site, Label

## Forecasted Key Milestones:

<b>Date Customer Must be Ready to Receive Post-Conversion Material:</b>	December 29, 2017
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## Description of Change to the Customer:

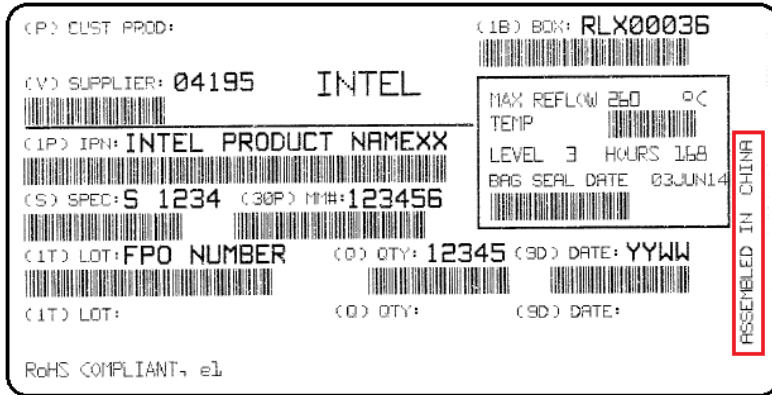
In order to ensure a continuous supply of the Intel® Controller Hubs products listed in the "Products Affected" Table below, Intel will be using the assembly process capabilities of VNAT in Vietnam to complete the assembly process started in CDAT in China.

As part of this change, after CDAT has briefly started the assembly manufacturing process, the parts/materials will be shipped to VNAT wherein VNAT will complete the Assembly Process. VNAT will then do the Test and Finish. As a result of this assembly plan, customers will see the country of origin on labels display the value for China when in fact, VNAT will be the site that finishes the assembly portion of the manufacturing process.

Both CDAT and VNAT sites have already been certified equivalent (form, fit, function, and reliability) for the affected products and technologies of this change. Additionally, customers are already receiving parts from both manufacturing sites.

Due to this change, the "ASSEMBLED IN Country" on the Box Label will now include China. See label example below – This label is a representation for example purposes only. The actual label will reflect correct product data.

Example Label:



If the Country of Origin (COO) identification is marked on the product, this will now display China.

### Customer Impact of Change and Recommended Action:

Intel anticipates no impact to customers for this change. Customers may contact their Intel Field Sales Representative or the contacts listed on the first page of this Product Change Notification appropriate to your geo with questions.

Fabrication (Fab), sort, and assembly test facilities follow a Copy Exactly! (CE!) philosophy.

Copy Exactly! enables delivery of product from multiple production sites, which operate as a virtual factory that performs consistently and independent of the manufacturing source site. Additional benefits include faster production ramps that improve product availability and improved consistency to quality performance.

Learn more about CE! At <http://www.intel.com/content/www/us/en/quality/exact-copy.html> web site.

### Products Affected / Intel Ordering Codes:

Marketing Name	Stepping	Product Code	S-Spec	MM#
Intel® GL82B150 Platform Controller Hub	D1	GLB150	S R2C7	943512
Intel® GL82C232 Platform Controller Hub	D1	GLC232	S R2CB	943516
Intel® GL82C236 Platform Controller Hub	D1	GLC236	S R2CC	943517
Intel® GL82CM236 Platform Controller Hub	D1	GLCM236	S R2CE	943519
Intel® GL82CM238 Platform Controller Hub	D1	GL82CM238	S R30U	952182
Intel® GL82H110 Platform Controller Hub	D1	GLH110	S R2CA	943515
Intel® GL82H170 Platform Controller Hub	D1	GLH170	S R2C8	943513
Intel® GL82HM170 Platform Controller Hub	D1	GLHM170	S R2C4	943509
Intel® GL82HM175 Platform Controller Hub	D1	GL82HM175	S R30W	952186
Intel® GL82Q150 Platform Controller Hub	D1	GLQ150	S R2C6	943511
Intel® GL82Q170 Platform Controller Hub	D1	GLQ170	S R2C5	943510
Intel® GL82QM170 Platform Controller Hub	D1	GLQM170	S R2C3	943508
Intel® GL82QM175 Platform Controller Hub	D1	GL82QM175	S R30V	952185
Intel® GL82Z170 Platform Controller Hub	D1	GLZ170	S R2C9	943514
Intel® GLQMS180 Platform Controller Hub	D1	GLQMS180	S R2NH	947918

### PCN Revision History:

**Date of Revision:**

December 14, 2017

**Revision Number:**

00

**Reason:**

Originally Published PCN



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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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