



Product Change Notification

107318 - 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 #: 107318 - 02
Change Title: Intel® I/O Processors IOP80302, IOP80303, and IOP80312 Package Conversion - PBGA to SBGA, PCN 107318-02, Product Material, Addition of PB Free SBGA option, Reason for Revision: Additional Correction to Post-Conversion Product Codes
Date of Publication: March 12, 2007

Key Characteristics of the Change:

Order Code
Product Material

Forecasted Key Milestones:

Date of Production Availability:	July 1, 2006
Date Customer Must be Ready to Receive Post-Conversion Material:	May 23, 2007
Date of First Availability of Post-Conversion Material:	July 1, 2006

The date of "First Availability of 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.

Description of Change to the Customer:

Reason for Revision: Additional Correction to Post-Conversion Product Codes

Intel® is converting the IOP80302, IOP80303, and IOP80312 from a PBGA substrate to a SBGA substrate as Intel's manufacturing of these listed PBGA devices will cease as indicated above table. This conversion from PBGA to the SBGA devices also incorporates a new PB Free option,

Customers who are currently ordering GC80302, GC80303, and GC80312 should order equivalent GE/QC80302, GE/QC80303, and GE/QC80312 product. See the ordering conversion charts below.

Customer Impact of Change and Recommended Action:

- Minimal validation effort for this conversion is expected as there are no logic changes between the PBGA to SBGA conversion.
- New S-Spec, MM numbers are provided for this PBGA to SBGA conversion - see tables below.

Products Affected / Intel Ordering Codes:

Substrate	Level 1 Product Name	MM#	Description
Pre Conversion Material, PBGA			
PBGA	GC80302, SL5HS	836761	PBGA Production Mat'l - 66MHz
PBGA	GC80303, SL57T	833962	PBGA Production Mat'l - 100MHz
PBGA	GC80312, SL57U	833963	PBGA Production Mat'l - 100MHz. Companion chip to 80200 family
Substrate	Level 1 Product Name	MM#	Description
Post Conversion Material, SBGA			
SBGA - PB	GC80302, SL9D2	881063	SBGA Production Mat'l - 66MHz
SBGA - PB	GC80303, SL9D3	881065	SBGA Production Mat'l - 100MHz
SBGA - PB	GC80312, SL9D4	881069	SBGA Production Mat'l - 100MHz. Companion chip to 80200 family
SBGA PB-FREE	QC80302, SL9D5	881124	PB Free SBGA Production Mat'l - 66MHz
SBGA PB-FREE	QC80303, SL9D6	881071	PB Free SBGA Production Mat'l - 100MHz
SBGA PB-FREE	QC80312, SL9D7	881072	PB Free SBGA Production Mat'l - Pb-free - 100MHz. Companion chip to 80200 family

Reference Documents / Attachments:

Document:

Intel® IOP80302 and IOP80303 I/O Processor

SBGA Package Certification Report

Location #:

<http://developer.intel.com/design/iio/specupdt/273355.htm>

Available Upon Request

PCN Revision History:

Date of Revision:

February 23, 2007

March 2, 2007

March 12, 2007

Revision Number:

00

01

02

Reason:

Originally Published PCN

Correct Post - Conversion Product Codes

Additional Correction to Post - Conversion Product Codes