



# Product Change Notification

## 106684 - 00

Information in this document is provided in connection with Intel products. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in Intel's Terms and Conditions of Sale for such products, Intel assumes no liability whatsoever, and Intel disclaims any express or implied warranty, relating to sale and/or use of Intel products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright or other intellectual property right. Intel products are not intended for use in medical, life saving, or life sustaining applications. Intel may make changes to specifications and product descriptions at any time, without notice.

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.

**Americas Contact:** [asmo.pcn@intel.com](mailto:asmo.pcn@intel.com)

**Asia Pacific Contact:** [apacgccb@intel.com](mailto:apacgccb@intel.com)

**Europe Email:** [eccb@intel.com](mailto:eccb@intel.com)

**Japan Email:** [jccb.ijkk@intel.com](mailto:jccb.ijkk@intel.com)

Copyright © Intel Corporation 2006. Other names and brands may be claimed as the property of others.

Celeron, Centrino, Intel, the Intel logo, Intel Core, Intel NetBurst, Intel NetMerge, Intel NetStructure, Intel SingleDriver, Intel SpeedStep, Intel StrataFlash, Intel Viiv, Intel XScale, Itanium, MMX, Paragon, PDCharm, Pentium, and Xeon are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

Learn how to use Intel Trade Marks and Brands correctly at <http://www.intel.com/intel/legal/tmusage2.htm>.



# Product Change Notification

**Change Notification #:** 106684 - 00  
**Change Title:** Intel 82540EP Gigabit Ethernet Controller,  
Kenai 32-M, RC82540EP, MM#850006 (Tray)  
& MM#850008 (T&R)

**PCN 106684-00**

## Product Marking

**Adding New Top Side Marking to Indicate  
Qualification at Industrial Temperature  
Range**

**Date of Publication:** August 25, 2006

## Key Characteristics of the Change:

Product Marking

## Forecasted Key Milestones:

<b>Date of Samples Availability:</b>	Sep 01, 2006
<b>Date of Qualification Data Availability:</b>	Aug 10, 2006
<b>Date Customer Must be Ready to Receive Post-Conversion Material:</b>	Oct 01, 2006
<b>Date of First Availability of Post-Conversion Material:</b>	Oct 01, 2006

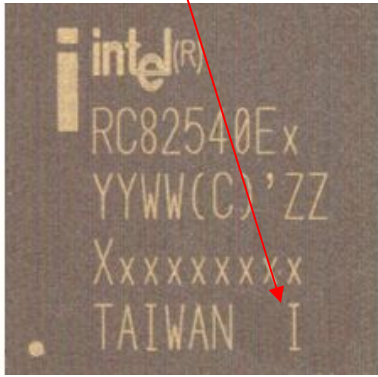
*The date of "First Availability of Post-Conversion Material" is the projected date that a customer may expect to receive the Post-Conversion Materials. This date is determined by the projected depletion of inventory at the time of the PCN publication. The depletion of inventory may be impacted by fluctuating 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:

The Intel 82540EP Gigabit Ethernet Controller, Kenai 32-M, RC82540EP, MM#850006 (Tray) & MM#850008 (T&R) will undergo the following changes:

Intel has certified these devices to function at the industrial temperature range of -40 to +85 Celsius. Intel is adding additional testing for the broader temperature range. After passing the additional testing, these devices will be marked with an "I" in the lower right-hand corner, on the top side of the controller, as noted in the photo below.

**New Industrial "I" Temp Top Side Mark**



**Customer Impact of Change and Recommended Action:**

Customers will notice the addition of an "I" on the lower right corner indicating that the part can now be used at the industrial temperature range of -40 to 85 Celsius.

Please contact your local Intel Field Sales Representative for a copy of the Qualification Report or to obtain samples.

This change does not affect Intel Product Codes or Material Master numbers.

**Products Affected / Intel Ordering Codes:**

**Component Product Table**

Pre-Conversion Product Code	Pre-Conversion Spec/ROM	Pre-Conversion MM#	Post-Conversion Product Code	Post-Conversion Spec/ROM	Post-Conversion MM#
RC82540EP Intel 82540EP Gigabit Ethernet Controller, Kenai 32-M Tray		850006	RC82540EP		850006
RC82540EP Intel 82540EP Gigabit Ethernet Controller, Kenai 32-M T&R	S L6NV	850008	RC82540EP	S L6NV	850008

**Reference Documents / Attachments:**

**Document:** \_\_\_\_\_ **Location #:** \_\_\_\_\_

**PCN Revision History:**

<b>Date of Revision:</b> August 25, 2006	<b>Revision Number:</b> 00	<b>Reason:</b> Originally Published PCN
---	-------------------------------	--