



Product Change Notification

106384 - 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 #: 106384 - 00
Change Title: Intel® Network Processor IXP28X5 A0 to A1 Stepping Metal Layer, PCN 106384-00, Order Code
Date of Publication: June 1, 2006

Key Characteristics of the Change:

Order Code

Forecasted Key Milestones:

Date of Qualification Data Availability:	Jun 02, 2006
Date Customer Must be Ready to Receive Post-Conversion Material:	Jul 01, 2006
Date of First Availability of Post-Conversion Material:	Jun 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:

In order to improve reliability performance, Intel has implemented a metal layer stepping change on the Intel®IXP28x5 Network Processor product line. The IXP28x5 A1 step products have been qualified by Intel and the devices are currently available for customer orders. This metal layer stepping will be the IXP28x5 A1 stepping of the IXP28x5 devices. This PCN is to communicate the new MM#s associated with this change. Customers are requested to convert their orders from the IXP28x5 A0 devices to the IXP28x5 A1 devices as noted in the Component Product Table.

Customer Impact of Change and Recommended Action:

Intel anticipates no changes to the form, fit, or function of the part.

The actual conversion dates to the IXP28x5 A1 Stepping of the product will differ for each part number listed below due to supply availability.

**Products Affected / Intel Ordering Codes:
Component Product Table**

Intel Pre-Conversion Product Code	Pre-Conversion MM#	Pre- Conversion Description	Intel Post-Conversion Product Code	Post-Conversion MM#	Post-Conversion Description
RPIXP2805AA	876170	A0 Pb -Non-Crypto 650MHz	RPIXP2805AA	880596	A1 Pb -Non-Crypto 650MHz
RPIXP2805AB	876174	A0 Pb -Non-Crypto 1.0 GHz	RPIXP2805AB	880597	A1 Pb -Non-Crypto 1.0 GHz
RPIXP2805AC	876178	A0 Pb -Non-Crypto 1.4 GHz	RPIXP2805AC	880599	A1 Pb -Non-Crypto 1.4 GHz
RPIXP2805AD	876181	A0 Pb- Non-Crypto 1.5 GHz	RPIXP2805AD	880601	A1 Pb- Non-Crypto 1.5 GHz
RPIXP2855AA	876171	A0 Pb - Crypto 650MHz	RPIXP2855AA	880600	A1 Pb - Crypto 650MHz
RPIXP2855AB	876175	A0 Pb - Crypto 1.0 GHz	RPIXP2855AB	880634	A1 Pb - Crypto 1.0 GHz
RPIXP2855AC	876179	A0 Pb - Crypto 1.4 GHz	RPIXP2855AC	880635	A1 Pb - Crypto 1.4 GHz
RPIXP2855AD	876180	A0 Pb - Crypto 1.5 GHz	RPIXP2855AD	880636	A1 Pb - Crypto 1.5 GHz
NPIXP2805AA	875116	A0 Pb Free - Non-Crypto 650MHz	NPIXP2805AA	880645	A1 Pb Free - Non-Crypto 650MHz
NPIXP2805AB	875115	A0 Pb Free - Non-Crypto 1.0 GHz	NPIXP2805AB	880696	A1 Pb Free - Non-Crypto 1.0 GHz
NPIXP2805AC	875117	A0 Pb Free - Non-Crypto 1.4 GHz	NPIXP2805AC	880700	A1 Pb Free - Non-Crypto 1.4 GHz
NPIXP2805AD	875118	A0 Pb Free - Non-Crypto 1.5 GHz	NPIXP2805AD	880702	A1 Pb Free - Non-Crypto 1.5 GHz
NPIXP2855AA	875823	A0 Pb Free - Crypto 650MHz	NPIXP2855AA	880670	A1 Pb Free - Crypto 650MHz
NPIXP2855AB	875825	A0 Pb Free - Crypto 1.0 GHz	NPIXP2855AB	880669	A1 Pb Free - Crypto 1.0 GHz
NPIXP2855AC	875824	A0 Pb Free - Crypto 1.4 GHz	NPIXP2855AC	880668	A1 Pb Free - Crypto 1.4 GHz
NPIXP2855AD	875826	A0 Pb Free - Crypto 1.5 GHz	NPIXP2855AD	880667	A1 Pb Free - Crypto 1.5 GHz

Reference Documents / Attachments:

Document:

Location #:

PCN Revision History:

Date of Revision:

June 1, 2006

Revision Number:

00

Reason:

Originally Published PCN