



Product Change Notification

105909 - 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 #: 105909 - 00
Change Title: Intel NetStructure® DMV1200BTEP, DMV1200BTEPNLK, DMV3600BP, DMV600BTEP, DMV600BTEPNLK, PCN 105909-00, Product Design, Integrated Circuit Signal Bus Switch has been changed to eliminate possibility of download issue
Date of Publication: March 02, 2006

Key Characteristics of the Change:

Product Design

Forecasted Key Milestones:

| | |
|-------------------------------------------------------------------------|--------------|
| Date Customer Must be Ready to Receive Post-Conversion Material: | Mar 06, 2006 |
| Date of First Availability of Post-Conversion Material: | Mar 06, 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:

To eliminate the remote possibility of a failure to initially download software the following integrate circuit component changes were made: 74CBTLV1G125, SIGNAL BUS SWITCH at reference designators: U104, U105, U204, U205, U304, U305, U404, U405, U504, U505, U604, U605, U704, U705, U804, U805, U904, U905, U1004, U1005, will be replaced with integrated circuit component, SN74LVC1G12, BUFFER/DRIVER. The replacement part has the same package type and pin-out as the original part.

Customer Impact of Change and Recommended Action:

Intel has discovered a remote potential for the DMV1200BTEP and DMV600BTEP boards shipped between 5/1/05 and 1/30/06 to fail to download. The other DM/V-B PCI products are included in this PCN to report the component change.

For Windows customers the event viewer system log will report a "SPx" error. Linux customers should use the application DebugAngel to view system log. Note: the "x" in "SPx" could be any number between 2 and 11, but most likely 2. A detailed Tech Note

outlining how to identify if it is a “SPx” error will be available at the [Intel Website](#) by 3/6/06.

To find out if the specific board you purchased is part of a manufacturing lot of boards which may experience the issue identified above, please refer to the serial numbers listed below.

| DMV1200BTEP (MM 858411) |
|--------------------------------------------------|
| GG006510, GG006557, GG006560, GG006567, GG006569 |
| GG006574, GG006599, GG006601, GG006602, GG007014 |
| GG006605 to GG006627 |
| GG006632 to GG006659 |
| GG006662 to GG006731 |
| GG006735 to GG007011 |
| GG007016 to GG07405 |

| DMV600BTEP (MM 858415) |
|------------------------|
| GG006577 to GG006595 |
| GG006771 to GG007327 |

If a board passes DCM and/or has been already deployed in the field, Intel has high confidence that the boards will continue to work as intended with no issues. However, if a customer wants, Intel will offer to repair the board free of charge via Intel’s Direct Return Authorization (DRA) process. The boards must be returned within the applicable warranty period and have a serial number in the range listed above to receive the free of charge repair.

If customers have boards that are new and have not been downloaded yet, they are encouraged to run DCM. If the board successfully downloads, the likelihood of the board being impacted by this issue is low and the customer need not perform any further actions. If the board fails, the customer should DRA the board back to Intel for repair noting "DCM failure", or RMA the board for credit.

Location of Serial Numbers: Serial numbers labels are on the boards and begin with the prefix “GG” followed by six digits. The serial number is located on the back of the board. If you position the board so that the front panel with network interfaces is on your left, and the black handles are on your right, the serial number will be located on the left hand side. The serial number label also has a barcode.

Return Process: Products returned to Intel will be sent back to the customer within 5 business days of its arrival at Intel.

To return a board for repair:

First, please contact your customer representative (CBA) to obtain lead times prior to requesting your DRA so that you can coordinate your return and repair with the least disruption to your business. If you require the boards back in a specific timeframe, please indicate this on the DRA form under the “Comments” field. We will do our best to accommodate your needs.

US Customers: Please fill out the online DRA form, mentioning “DCM failure” in the problem description field, at:

<http://www.intel.com/support/motherboards/draform.htm>

Non-US Customers: Please contact your RMA Call Center to arrange for repair.

To avoid shipping expenses, please request the “Intel FedEx account number” when completing the DRA (*include this in the problem description section*), or when speaking to a representative in the RMA Call Center.

Intel has thoroughly evaluated this change to ensure that it does not have any negative functional implications to our customers.

See part number details below.

Products Affected / Intel Ordering Codes:

Board Products Table

| Affected Pre-Change Product Code | Affected-Change MM# | Pre-Change TA# | Post-Change TA# |
|-----------------------------------------|----------------------------|-----------------------|------------------------|
| DMV1200BTEP | 858411 | C51147-002 | C51147-003 |
| DMV1200BTEPNLK | 865655 | C81918-001 | C81918-002 |
| DMV3600BP | 858416 | C51146-002 | C51146-003 |
| DMV600BTEP | 858415 | C51142-002 | C51142-003 |
| DMV600BTEPNLK | 865650 | C81919-001 | C81919-002 |

Reference Documents / Attachments:

Document:

Tech Note

DRA form

Location #:

<http://resource.intel.com/telecom/support/tnotes/index.htm>

<http://www.intel.com/support/motherboards/draform.htm>

PCN Revision History:

Date of Revision:

March 2, 2006

Revision Number:

00

Reason:

Originally Published PCN