





PRODUCT/PROCESS CHANGE NOTIFICATION (PCN)

<p>PCN: 2008-3 Rev 1.0 Date: March 21, 2008</p> <p>Products Affected: PEX8114-BC13BI, PEX8114-BC13BI G</p> <p>Note: The 'G' mark is in reference to 'Green' environmental compliance</p> <p>Manufacturing Location Affected: Not Applicable</p> <p>Date Effective: 'BD' revision is available immediately upon request or continue with the 'BC' revision.</p>	<p>MEANS OF DISTINGUISHING CHANGED DEVICES</p> <p>Top marking on devices will reference PEX8114-BD13BI and PEX8114-BD13BI G respectively to identify this new revision option.</p> <p>Top marking for the PEX8114-BC13BI and PEX8114-BC13BI G will remain unchanged and remain in production.</p> <p>The 'G' mark is in reference to 'Green' environmental compliance</p>
<p>Contact: Stephen Moore</p> <div data-bbox="267 840 479 966"> PLX_PCN#2008-3_P EX8114BD_Cover_Lei</div> <p>Function: Sr. Marketing Mgr. Phone: (408) 328-3592 E-mail: smoore@plxtech.com</p> <p>The official release of the BD errata published on www.plxtech.com</p> <p>Samples Available: Yes, upon request and scheduling.</p>	<p>Additional Data: 1. Errata corrections from BC to BD are as follows:</p> <div data-bbox="1015 861 1177 966"> PEX_8114BC_Err ata_r1 7.pdf</div> <div data-bbox="803 976 1567 1396"><p>Please reference the errata notations that have been fixed in BD based on the corresponding numbering sequence on the BC errata list:</p><ol style="list-style-type: none">1. IDCODE instruction violates IEEE 1149.1 compliance (E21)2. Transactions may be dropped or ignored after the PEX 8114 exists the L1 power state (E22)3. PEX 8114 PCI-X to PCI Express buffer overrun (E24)</div>
<p>DESCRIPTION AND PURPOSE OF CHANGE:</p> <p>The BD silicon revision is a metal-layer change to its BC base device.</p> <p>The new silicon/device revision (BD) fixes erratum 21, 22, and 24 listed in the attached document. The BD revision device is a drop-in replacement of the BC revision and is fully software and hardware compatible.</p> <p>By releasing the 'BD' revision of this device, Customers now have the option to continue using the 'BC' revision, which remains in full production, or elect to order the new 'BD' revision.</p>	



RELIABILITY/QUALIFICATION SUMMARY: The final Qualification report for the PEX8114-BD Qualification tests for the BD die revision are outlined per the plan below.



PEX8114-BD
Product Qual Repc

CUSTOMER ACKNOWLEDGEMENT OF RECEIPT:

Please FAX the acknowledgement below to Brete Bigley/Director Quality and Reliability at (408) 962-6857 or E-mail qa@plxtech.com to grant approval or request additional information. If PLX does not receive acknowledgement within 30 days of this notice, we will assume that this change is approved.

Customer: _____

Name/Date: _____

E-mail Address: _____

Title: _____

Phone# /Fax# : _____ / _____

Customer Comments:

REC'D. BY: _____

DATE: _____