



Product Change Notification

Change Notification #: PCN0108-02.0

Change Title: Networking Components; LXT901/ LXT901A
Universal Ethernet Transceiver, LXT908
Universal Ethernet Interface Adapter,
Conversion/Transition to RoHS PCN0108-
02.0 - Order Code & Product Material

Date of Publication: 10 January 2008

Key Characteristics of the Change:

Order Code & Product Material

Forecasted Key Milestones:

Date of Qualification Data Availability:	26 November 2006
Date of First Availability of Post-Conversion Material:	01 January 2007
Last Product Discontinuance Order Date:	10 July 2008
Last Product Discontinuance Shipment Date:	10 October 2008

Description of Change to the Customer:

The products listed in table below will undergo the following changes in order to be compliant with Cortina Systems Pb-free/RoHS Initiative:

1. SLI (Second Level Interconnect) lead finish will change from plated Sn lead to plated matte Sn.
3. Products will be Pb-free board process compatible and peak reflow temperature will increase from 220°C to 260°C.
4. Product code and mm# will change as shown in the Products Affected Table
5. A new marking "e3" with a circle around it will be added per JEDEC Standard JESD97 and Marking, Symbols and Labels for Identification of Lead (Pb) free assembly, compliments, and devices.

The marketing package designator will also change to reflect Pb-free packaging. In order to facilitate this change a new MM# has been created for the affected products. Please see table below.



As a result of our investigation, to the best of Cortina Systems knowledge the amount of cadmium, hexavalent chromium, mercury, polybrominated biphenyls (PBB), and polybrominated diphenyl ethers (PBDE) is either not detected or below the threshold targets for RoHS (Restriction on Hazardous Substances). Please see reference documents.

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. Cortina Systems will continue to ship and customers may continue to receive the pre-converted materials until the inventory has been depleted.

Customer Impact of Change and Recommended Action:

Cortina Systems will continue to offer dual line items per the key milestones above to allow our customers time to plan and execute product conversions. Customers not planning on converting their production to allow use of the new products are advised to arrange to purchase a lifetime supply of the existing MM#'s (Pre-Conversion products) prior to the final availability date listed above.

1. Pb-free SLI products require a new Pb-free board assembly process. Each customer should develop their own board profile envelope appropriate to their equipment, material and products.
2. Matte Sn lead is backwards compatible.
3. The appearance of Matte Sn finish may require an adjustment to vision system hardware and software.

Due to this change we will start to provide a distinctive symbol and label which identify those components or devices that are totally Pb-free and/or are capable of providing or have Pb-free 2nd level interconnects.

All lead-based product orders become non-cancellable and non-returnable as of 31 January 2008. Please determine your remaining demand as all orders must be placed by the Last Order Date specified in the key milestone table above. Cortina may accept orders up to 31 January 2008 or until inventory has been depleted, which ever is first.



Products Affected / Cortina Systems Ordering Codes:

Affected Product Code	S-Spec	Affected MM #	Post Conversion Product Code	S-Spec	Post Conversion MM#
NLXT901APC.A4	TUBE	831653	EELXT901APC.A4	TUBE	872162
NLXT901APC.A4	T&R	831811	EELXT901APC.A4	T&R	872161
NLXT907APC.A4	TUBE	831664	EELXT907APC.A4	TUBE	871623
NLXT907APC.A4	T&R	831820	EELXT907APC.A4	T&R	871630
NLXT908PC.A4	TUBE	831668	EELXT908PC.A4	TUBE	871624
NLXT908PC.A4	T&R	831824	EELXT908PC.A4	T&R	871625
NLXT908PE.A4	TUBE	831669	EELXT908PE.A4	TUBE	871620
NLXT908PE.A4	T&R	831825	EELXT908PE.A4	T&R	871622

PCN Revision History:

Date of Revision:
10 January 2008

Revision Number:
00

Reason:
Originally Published PCN