



Product Change Notification

Document #	PCN-450039
Change Title:	Cortina Systems® LXT9785BC - Low Power 8 Port Ethernet Transceiver & LXT971ABx- Single Port Fast Ethernet Transceiver, PCN450039, Mold Material and BGA Ball Change, FYI
Revision Date:	27April2011

Type of Change Notification:

FYI (For Your Information)

Key Characteristics of the Change:

BT Core, Mold Material and BGA Balls – Additional qualified suppliers

Forecasted Key Milestones:

Milestone	Date
Date Customer Must be Ready to Receive Post-Conversion Material:	15 August 2011
Date of Samples Availability:	15 August 2011
Date of Qualification Data Availability:	27 April 2011

Description of Change to the Customer:

Due to the potential impact to several of Cortina's raw material suppliers caused by the recent Japan earthquake and tsunami, our assembly sub-contractor will add additional qualified suppliers for the BT substrate core, molding compound, and solder balls as shown in the table below (Note that the alternate materials are identical in composition, physical, mechanical and electrical properties):

	Current Material & Supplier	Alternative Material & supplier
BT Core:	HL-832 (MGC)	E679FGB (Hitachi)
Molding Compound:	KEG1250 LKDS (Kyocera Japan)	KEG1250MF (Kyocera Singapore)
Solder Balls:	PB-Sn (GW/FL descriptors) or SAC balls (QW/EL package descriptors) (Senju Japan)	PB-Sn (GW/FL descriptors) or SAC balls (QW/EL package descriptors) (MKE Korea)

Cortina Systems will qualify the alternate materials to be used interchangeably as needed to help prevent end product shortages. The “Date Customer Must be Ready to Receive Post –Conversion Material” is the projected date that a customer may expect to receive the Post-Conversion Materials. This date is determined by the estimated depletion of the currently qualified inventory at the time of the PCN Publication. Because the depletion of inventory is determined by dynamic supply and demand, the actual post-conversion material availability date may vary.

Customer Impact of Change and Recommended Action:

This change has no impact on form, fit, functionality, customer handling, manufacturability, or product quality or product reliability.

Products Affected / Cortina Systems Ordering Codes:

Affected Product Code	RoHS Status	Package Type	Media Type
QWLXT9785BC.D0-998807	RoHS 6	241 CABGA	TRAY
QWLXT9785BC.D0-998817	RoHS 6	241 CABGA	T&R
GWLXT9785BC.D0-998803	RoHS 5	241 CABGA	TRAY
GWLXT9785BC.D0-998849	RoHS 5	241 CABGA	T&R
ELLXT971ABC.A4-870477	RoHS 6	64 PBGA	TRAY
ELLXT971ABC.A4-870478	RoHS 6	64 PBGA	T&R
ELLXT971ABE.A4-870479	RoHS 6	64 PBGA	TRAY
ELLXT971ABE.A4-870480	RoHS 6	64 PBGA	T&R
FLLXT971ABE.A4-834104	RoHS 5	64 BGA	TRAY
FLLXT971ABE.A4-835080	RoHS 5	64 BGA	T&R
FLLXT971ABC.A4-834103	RoHS 5	64 BGA	TRAY
FLLXT971ABC.A4-834926	RoHS 5	64 BGA	T&R

Revision History:

Original Release - 27 April 2011

Cortina Systems, Inc.

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