



Product Change Notification

Document #: 400579-03
Change Title: Cortina Systems, Select HQFP 208, LQFP 64 & 32 Package's, Manufacturing Site Qualification, FFF
Revision Date: 17 December 2009

Type of Change Notification:

Manufacturing Site Qualification—FFF

Key Characteristics of the Change:

Due to a change in tooling during the requalification process, the EGLXT915QC.B3 device assembled in Malaysia was not form and fit identical to the Singapore assembled product it replaced.

Forecasted Key Milestones:

	HQFP 208	LQFP 64 (LXT971A / LXT972A)	LQFP 64 (LXT6155 901A / 907A / 908 & 915)	LQFP 32
Samples from new assembly site available:	Available Now	Available Now	Available Now	Available Now
In process qualification report (500 temp cycles):	Available Now	Available Now	Available Now	Available Now
Full qualification report:	Available Now	Available Now	Available Now	Available Now

Description of Change to the Customer:

Revision 03 – Due to a change in tooling during the requalification process, the EGLXT915QC.B3 device assembled in Malaysia was not form and fit identical to the Singapore assembled product it replaced. This device continues to be a drop in pin for pin replacement and is functionally equal; however the dimensions of the device are thinner as shown in the reference table below. Depending on your equipment, some customers may find it necessary to adjust the physical settings on pick and place machines or similar. Cortina has shipped the new product for over one year with no statistical change to our quality indices. For all other devices on the affected products table below, there is no impact to form, fit, functionality, customer handling, manufacturability or product quality. Cortina regrets any inconvenience the change in thickness may have caused.

Revision 02 – Due to a drop off in demand for QFP packages, Cortina has elected to suspend our plans to qualify China as an alternate assembly site. Our new primary source of ASE Malaysia is fully qualified and Cortina has begun production shipments. Qualification data is available upon request. Should the need to qualify an additional QFP site arise, it will be covered by a new PCN.

Revision 01 - China COO qualification milestones added to the original PCN.

Cortina Systems, Inc. (Cortina) is in process of qualifying new assembly sites for many of our higher volume package types. This PCN covers the following select package and lead configurations: HQFP 208, LQFP 32, and LQFP 64. The country of origin for the newest assembly site will be China. Malaysia has now been fully qualified per the original PCN version, and Cortina has begun making shipments from this site. Samples and qualification reports for our Malaysia assembly site are readily available.

Cortina will continue to manufacture and ship Singapore and Malaysia COO materials during a transition period, and customers may receive products from either or both locations. Customers should not expect to receive China COO units until the milestone dates shown (see table). Cortina expects Malaysia to be our primary source of volume, other sites will be qualified for business continuity purposes as well as peak demand support.

Customer Impact of Change and Recommended Action:

Depending on your equipment, some customers may find it necessary to adjust the physical settings on pick and place machines or similar. Additionally, there will be no change to Product Codes and/or MM#s.

Please contact your local Cortina Sales Representative for further information regarding this PCN.

Products Affected / Cortina Systems Ordering Codes:

Affected Product Code	Affected Package Type	Affected Lead Count	Affected Media Type
WBLXT9785EHC.D0-865110	HQFP	208	TRAY
WBLXT9785EHC.D0-865111	HQFP	208	T&R
WBLXT9785HC.D0-865113	HQFP	208	T&R
WBLXT9785HC.D0-865112	HQFP	208	TRAY
WBLXT9785HE.D0-865114	HQFP	208	TRAY
WBLXT9785HE.D0-865115	HQFP	208	T&R
WJLXT905LC.C2-863540	LQFP	32	TRAY
WJLXT905LC.C2-863532	LQFP	32	T&R
WJLXT905LE.C2-863534	LQFP	32	T&R
WJLXT905LE.C2-863533	LQFP	32	TRAY
WJLXT6155LE.B5-866255	LQFP	64	TRAY
WJLXT6155LE.B5-866256	LQFP	64	T&R
WJLXT901ALC.A4-865818	LQFP	64	TRAY

WJLXT901ALC.A4-865823	LQFP	64	T&R
WJLXT907ALC.A4-867253	LQFP	64	TRAY
WJLXT907ALC.A4-865832	LQFP	64	T&R
WJLXT908LC.A4-866864	LQFP	64	TRAY
WJLXT908LC.A4-865813	LQFP	64	T&R
WJLXT908LE.A4-865811	LQFP	64	TRAY
WJLXT908LE.A4-865812	LQFP	64	T&R
WJLXT971ALC.A4-857342	LQFP	64	TRAY
WJLXT971ALC.A4-857344	LQFP	64	T&R
WJLXT971ALE.A4-857343	LQFP	64	TRAY
WJLXT971ALE.A4-857346	LQFP	64	T&R
WJLXT972ALC.A4-857345	LQFP	64	T&R
WJLXT972ALC.A4-857341	LQFP	64	TRAY
EGLXT915QC.B3-865801	LQFP	64	TRAY
EGLXT915QC.B3-865803	LQFP	64	T&R

Reference Table:

New Order Code	Lead Count	Package Size	Max. Thickness before change	Max. thickness after change
EGLXT915QC.B3-865801	64	14 x 14	3.12mm	2.15mm
EGLXT915QC.B3-865803	64	14 x 14	3.12mm	2.15mm

Revision History:

Date of Revision	Revision Number	Reason
09 May 2008	Original release	
20 October 2008	Revision 01	Added China Milestones
22 June 2009	Revision 02	Suspended the qualification of China as an alternate assembly site
17 December 2009	Revision 03	Updated PCN with current package dimensions for the LXT915

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