![LATTICE SEMICONDUCTOR logo]

January 24, 2024

PCN #	Issue Date	Description
02A-23	December 20, 2023	Original Release
02B-23	January 24, 2024	Added Appendix A

Subject: PCN 02B-23 - Notification of Top Mark Format Change of Lattice Certus^{TM}-NX, CrossLink^{TM}-NX devices $\geq$ 9x9mm package dimension.

Overview

Lattice is providing this notification of our intent to change the top mark format and add 2D barcode on all Lattice CertusNX, and CrossLink-NX devices with packages ≥ 9x9mm. Customers may receive product with both versions of the top mark in the same shipment during the transition period. Customer can expect to start receiving Certus-NX and CrossLink-NX products with the new top mark format on or after March 25, 2024. The realization of the marking format change by the customer will be a gradual transition over time, depending on the individual products' inventory levels.

Top marking consists of the Lattice logo, product name, Lot ID, Country of Origin (COO) and 2D Barcode. The change is aimed to standardize with the Lattice new marking format to improve device-level traceability and security. See Table 1 for Top Format description.

For more information about Lattice's new top mark, please visit the Lattice 2D barcode FAQ page.

Table 1. Top Mark Format

From		To	
Top Mark Description	Sample Format	Top Mark Description	Sample Format
Line 1 – Lattice Logo Line 2 – Product Code Line 3 – Pkg/Speed/Grade Line 4 – Lot ID Line 5 - COO/Datecode Line 6 – Assy Lot		Line 1 – Lattice Logo Line 2 – Product Name Line 5 – Lot ID Line 6 – COO 2D Barcode	

Effects to Customer Design

There will be no change in form, fit and function of the affected products. There will be no impact on customer designs.

Affected Products

The marking changes in this PCN apply to all affected Lattice devices including those derived from any of the device list (i.e. factory programmed, special test, tape and reel, non-standard speed grade and package, etc.). The Affected Package Types are listed in Table 2.   The Ordering Part Numbers (OPNs) affected by this PCN are listed in appendix A. This PCN will not affect any device with custom marking.

Table 2. Affected packages.

Product Name	Certus-NX	CrossLink-NX
# of OPNs	13	38
Package sizes	12x12mm 14x14mm	9.5x9.5mm 10x10mm 14x14mm 17x17mm
Package Type	caBGA	caBGA QFN
Sample new Top Mark		

Timing

This change is effective as stated below:

PCN Implementation Date: **March 25, 2024**

Response

No response is required.

Lattice PCNs are available on the Lattice website. Please sign up to receive e-mail PCN alerts by registering here. If you already have a Lattice web account and wish to receive PCN alerts, you can do so by logging into your account and making edits to your subscription options.

Contact

If you have any questions or require additional information, please contact pcn@latticesemi.com.

Sincerely,

Lattice Semiconductor PCN Administration

Appendix A - Nexus OPN Affected List

Ordering Part Number (OPN) Affected List
LIFCL-17-7BG256A
LIFCL-40-7BG256A
LIFCL-17-7BG256C
LIFCL-17-8BG256C
LIFCL-17-9BG256C
LIFCL-17-7BG256I
LIFCL-17-8BG256I
LIFCL-17-9BG256I
LIFCL-17-7SG72C
LIFCL-17-8SG72C
LIFCL-17-9SG72C
LIFCL-17-7SG72I
LIFCL-17-8SG72I
LIFCL-17-9SG72I
LIFCL-40-7BG256C
LIFCL-40-8BG256C
LIFCL-40-9BG256C
LIFCL-40-7BG256I
LIFCL-40-8BG256I
LIFCL-40-9BG256I
LIFCL-40-7BG400C
LIFCL-40-8BG400C
LIFCL-40-9BG400C
LIFCL-40-7BG400I
LIFCL-40-8BG400I
LIFCL-40-9BG400I
LIFCL-40-7MG289C
LIFCL-40-8MG289C
LIFCL-40-9MG289C
LIFCL-40-7MG289I
LIFCL-40-8MG289I
LIFCL-40-9MG289I
LIFCL-40-7SG72C
LIFCL-40-8SG72C
LIFCL-40-9SG72C
LIFCL-40-7SG72I
LIFCL-40-8SG72I
LIFCL-40-9SG72I
LFD2NX-40-7BG256A
LFD2NX-40-7BG196C
LFD2NX-40-8BG196C
LFD2NX-40-9BG196C
LFD2NX-40-7BG196I
LFD2NX-40-8BG196I
LFD2NX-40-9BG196I
LFD2NX-40-7BG256C
LFD2NX-40-8BG256C
LFD2NX-40-9BG256C
LFD2NX-40-7BG256I
LFD2NX-40-8BG256I
LFD2NX-40-9BG256I