Customer Information Notification

202109022I : CBTU02043 Datasheet Operating Cold Temperature Range Increase (-10C to 85C) to (-40C to 85C)

Note: This notice is NXP Company Proprietary.

Issue Date: Sep 27, 2021 **Effective date:Sep 28, 2021**

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Management summary

Updated Section 2 "Features and Benefits", Table 2 "Ordering Options", Table 6 "Operating Conditions" and Table 8 "Dynamic and Static Characteristics" of the CBTU02043 Datasheet.

Change Category

[ ]Wafer Fab Process	[ ]Assembly Process	[ ]Product Marking	[ ]Test Process	[ ]Design
[ ]Wafer Fab Materials	[ ]Assembly Materials	[ ]Mechanical Specification	[ ]Test Equipment	[X]Errata
[ ]Wafer Fab Location	[ ]Assembly Location	[ ]Packing/Shipping/Labeling	[ ]Test Location	[ ]Electrical spec./Test coverage
[ ]Firmware	[ ]Other			

PCN Overview

Description

Updated the following Datasheet sections:

Section 2 "Features and Benefits"
Operating temperature range: -40C to 85C

Table 2 "Ordering Options"
Temperature range increased from (-10C to 85C) to (-40C to 85C).

Table 6 "Operating Conditions"
Temperature range increased from (-10C to 85C) to (-40C to 85C).

Table 8 "Dynamic and Static Characteristics"
Added condition for High and Low level input leakage current.

Reason

Ensure the customers use the proper operating temperature range of -40C to 85C instead of -10C to 85C.

Identification of Affected Products
Product identification does not change

Anticipated Impact on Form, Fit, Function, Reliability or Quality

Operating temperature range increased from (-10C to 85C) to (-40C to 85C).
Data Sheet Revision
A new datasheet will be issued
Disposition of Old Products
Existing inventory will be shipped until depleted
The Datasheet changes won't affect the CBTU02043 product inventory.

Remarks

The CBTU02043 device functionality won't be affected by these changes.

Contact and Support

For all inquiries regarding the ePCN tool application or access issues, please contact NXP "Global Quality Support Team".

For all Quality Notification content inquiries, please contact your local NXP Sales Support team.

For specific questions on this notice or the products affected please contact our specialist directly:

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NXP Quality Management Team.
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Changed Orderable Part#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
CBTU02043HEJ	935308355118	CBTU02043HE	USB 3.1 Gen 1 Type C switch	H(U)QFN16	SOT1832-1	RFS	No	BLC6