



## Customer Information Notification

202109024I : CBTU02044 Datasheet Operating Cold Temperature Range Increase (-10C to 85C)

**Note:** This notice is NXP Company Proprietary.

**Issue Date:** Sep 30, 2021 **Effective date:** Oct 01, 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 CBTU02044 Datasheet.

### Change Category

<input type="checkbox"/> Wafer Fab Process	<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Product Marking	<input type="checkbox"/> Test Process	<input type="checkbox"/> Design
<input type="checkbox"/> Wafer Fab Materials	<input type="checkbox"/> Assembly Materials	<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Test Equipment	<input checked="" type="checkbox"/> Errata
<input type="checkbox"/> Wafer Fab Location	<input type="checkbox"/> Assembly Location	<input type="checkbox"/> Packing/Shipping/Labeling	<input type="checkbox"/> Test Location	<input type="checkbox"/> Electrical spec./Test coverage
<input type="checkbox"/> Firmware	<input type="checkbox"/> Other			

## PCN Overview

### Description

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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

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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 CBTU02044 product inventory.

## Remarks

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The CBTU02044 device functionality won't be affected by these changes.

## Contact and Support

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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
CBTU02044HEJ	935403804118	CBTU02044HE	HS Switch	H(U)QFN16	SOT1832-1	RFS	No	BLC6