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## PRODUCT INFORMATION NOTIFICATION

**PIN:** PIN145355

**Date:** December 20, 2014

**Subject:** Top Mark Changes for CY8C21323-24LFXI and CY8C21323-24LFXIT Part Numbers

**To:** PCN ADMIN  
 CYPRESS  
 pcn\_adm@cypress.com

**Change Type:** Minor

### Description of Change:

Cypress announces top mark changes for CY8C21323-24LFXI and CY8C21323-24LFXIT part numbers. These are PSoC 1 parts manufactured with a 24-Lead QFN package. This change is to align to the below Cypress Marking format specification.

- 1) First two lines will be used to print the marketing part number before the dash (-).
- 2) Third line will replace the remaining portion of the marketing part number with the date code.
- 3) Fourth line will still print a portion of the lot number.

Below is the illustration of the Old and New marking;

Package Type	Cypress Part Number	Old Marking	New Marking	Change Summary
24-Lead QFN	CY8C21323-24LFXI CY8C21323-24LFXIT	<p>CY8C 213232 4LFX 6 2802 □</p>	<p>CY8C 21323- 1343 6 2802 □</p>	Date code will get printed in the Line 3

This is a top mark change only. There are no changes to the assembly process, color/size of the marks, datasheet, product specification or ordering.

**Affected Parts: 2**

**Affected Parts:** Refer to the table below.

Item	Marketing Part Number
1	CY8C21323-24LFXI
2	CY8C21323-24LFXIT

**Approximate Implementation Date:**

The changes will be fully implemented by January 2015. Cypress has existing inventory for these devices that uses the old top marks. Until this inventory is depleted, products with the old top marks will continue to ship. In some cases, products with both the old and new top mark may be shipped together.

**Anticipated Impact:**

No impact is expected. Products manufactured with old and new top marks are completely compatible with existing product from a functional, parametric and quality performance perspective.

Cypress also recommends that customers take this opportunity to review these changes against current application notes, system design considerations and customer environment conditions to assess impact (if any) to their application.

**Method of Identification:**

Please see above illustration for the old and new top marks identification.

Cypress maintains traceability of product to wafer level, including wafer fabrication location, through the lot number marked on the package.

**Response Required:**

This is an information only announcement. No response is required

For additional information regarding this change, contact your local sales representative or contact the PCN Administrator at [pcn\\_adm@cypress.com](mailto:pcn_adm@cypress.com).

Sincerely,  
Cypress PCN Administration