



Cypress Semiconductor Corporation, 198 Champion Court, San Jose, CA 95134. Tel: (408) 943-2600

## PRODUCT CHANGE NOTIFICATION

**PCN:** PCN172402

**Date:** June 15, 2017

**Subject:** Qualification of UTAC Thailand as an Additional Assembly Site for select 8-Pin DFN Products

**Change Type:** Major

**Description of Change:**

Cypress announces the qualification of United Test and Assembly Center Ltd. Thailand (UTAC) as an additional assembly site for select 8-Pin DFN (5x6x0.75mm) Pb-Free products.

The 8-Pin DFN (5x6x0.75mm) Pb-Free packages are assembled at UTAC using the following Bill of Materials:

Material	UTAC Bill of Materials	Amkor Philippines 3 Bill of Materials
Mold Compound	Sumitomo G770HCD	Nitto 7470-LA
Lead Finish	Matte Sn	NiPdAu-Ag
Die Attach Epoxy	Hitachi HR5104	AMK-06
Bond Wire	0.8mil Au	0.8mil Au

**Benefit of Change:**

Qualification of alternate manufacturing sites is part of the ongoing flexible manufacturing initiative announced by Cypress. The goal of the flexible manufacturing initiative is to provide the means for Cypress to continue to meet delivery commitments through dynamic, changing market conditions.

**Part Numbers Affected: 6**

See the attached 'Affected Parts List' file for a list of all part numbers affected by this change. Note that any new parts that are introduced after the publication of this PCN will include all changes outlined in this PCN.

**Qualification Status:**

This package has been qualified through a series of tests documented in the Qualification Test Plan (QTP) 170112. This qualification report can be found as an attachment to this PCN.

**Sample Status:**

Qualification samples may not be built ahead of time for all part numbers affected by this change. Please review the attached 'Affected Parts List' file for a list of affected part numbers with their associated sample ordering part numbers. Samples are available now unless there is an indication that the sample ordering part numbers are subject to lead times. If you require qualification samples, please contact your local Cypress sales representative as soon as possible, preferably within 30 days of the date of this PCN, to place any sample orders.

**Approximate Implementation Date:**

Effective 90 days from the date of this notification or upon customer approval, whichever comes first, all shipments of the affected part numbers in the attached file will be assembled at UTAC or other approved assembly sites.

**Anticipated Impact:**

Products assembled at the new site are completely compatible with existing products 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:**

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

**Response Required:**

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

<b>Item</b>	<b>Marketing Part Number</b>	<b>Sample Order Part Number</b>
1	CG7702AA	CY14B101Q2-LHXIKU
2	CG7702AAT	CY14B101Q2-LHXIKU
3	CY14B101Q2-LHXI	CY14B101Q2-LHXIKU
4	CY14B101Q2-LHXIT	CY14B101Q2-LHXIKU
5	CY14B256Q2-LHXI	CY14B256Q2-LHXIKU
6	CY14B256Q2-LHXIT	CY14B256Q2-LHXIKU