



198 Champion Court, San Jose, CA 95134-1709 (408)943-2600

## PRODUCT TERMINATION NOTIFICATION

**PCN:** PCN125140

**Date:** March 16, 2012

**Subject:** Product Obsolescence Notification for select 40 QFN (6x6x1.0mm) Punch Singulation Devices.

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

### Product Obsolescence Information:

Cypress announces the obsolescence of select 40 QFN (6x6x1.0mm) Punch Singulation products from its portfolio.

These obsolete products will be replaced by a functional, drop-in Saw Singulation replacement. A drop-in replacement is defined as a product that is pin-to-pin and function/feature compatible with the obsolete product.

Cypress has qualified drop-in replacements at ASE-Taiwan. 40 QFN (6x6x1.0mm) Saw Singulation packages are assembled at ASE-Taiwan using the following sets of materials:

Material	ASE - Taiwan
Mold Compound	EME-G631H
Die Attach Epoxy	FH-900
Bond Wire size/ material	0.8 mil / Au
Lead Finish	NiPdAu

Last Time Buy (LTB) and Last Time Ship (LTS) dates are also provided for each product. The LTB date denotes the last day on which orders will be accepted; these orders may be scheduled for shipment through the LTS date provided.

Note: Cypress is also in the process of qualifying Cu Wire drop-in replacements and the PCN will be issued later in 2012.

### Benefits of Change:

The Saw Singulation process is more stable and supports a more reliable supply source for customers.

### Part Numbers Affected:

**Affected Parts:** 8

Item #	Affected Part Number (Punch)	Drop-In replacement (Saw)	Last Time Buy Date	Last Time Ship Date
1	CG7335AA	No replacement part	03 Oct 2012	01 Apr 2013
2	CG7381AM	CG7381DM	03 Oct 2012	01 Apr 2013
3	CYRF69103-40LFXC	CYRF69103-40LTXC	03 Oct 2012	01 Apr 2013
4	CYRF69103A-40LFXC	CYRF69103A-40LTXC	03 Oct 2012	01 Apr 2013

5	CYRF69213-40LFXC	CYRF69213-40LTXC	03 Oct 2012	01 Apr 2013
6	CYRF69213A-40LFXC	CYRF69213A-40LTXC	03 Oct 2012	01 Apr 2013
7	CYRF69303-40LFXC	CYRF69303-40LTXC	03 Oct 2012	01 Apr 2013
8	CYRF69313-40LFXC	CYRF69313-40LTXC	03 Oct 2012	01 Apr 2013

**Customer Part Numbers Affected:**

**Affected Parts:** Not Applicable

**Qualification Status:**

40 QFN (6X6X1.0mm) Saw Singulation product has been qualified through a series of tests identified in the Qualification Test Plan (QTP) Report number 112106. The QTP report can be found in the attachment to this notification or by visiting [www.cypress.com](http://www.cypress.com), typing the QTP number in the search window, and clicking on the magnifying glass symbol.

**Sample Status:**

Samples of replacement products shown in the below table are available. Please contact your local sales representative as soon as possible to place sample requests, but within 30 days from the date of this PCN. Please use the part number shown in the "Sample Ordering Part Number" column below to place sample requests.

Item #	Affected Part Number (Punch)	Replacement Part Number (Saw)
1	CYRF69103-40LFXC	CYRF69103-40LTXC
2	CYRF69213-40LFXC	CYRF69213-40LTXC
3	CYRF69213A-40LFXC	CYRF69213A-40LTXC
4	CYRF69303-40LFXC	CYRF69303-40LTXC
5	CG7381AM	CG7381DM

Qualification sample orders received after 30 days from this PCN date and qualification sample orders for parts which do not have a listed sample ordering part number in the table above, may be subject to lead times.

**Approximate Implementation Date:**

Affected punch singulation part numbers listed above are subject to EOL with the given LTB and LTS dates as indicated above. However, existing orders for an affected punch part number may be converted to the corresponding replacement saw part number effective immediately.

**Anticipated Impact:**

Saw Singulation products are completely compatible with the affected products from a functional, parametric, and quality performance perspective. However, the package profile has changed; customers are urged to check the package outline drawings attached to this PCN for changes. Changes to customers' pick and place equipment may be necessary.

**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 required. Customers are advised to take note of the aforementioned LTB and LTS dates, and plan to convert to the Saw Singulation product prior to the obsolescence of the Punch Singulation product.

Please contact your local sales representative if you need assistance with replacement product options.

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

Sincerely,

Cypress PCN Administration