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## PRODUCT CHANGE NOTIFICATION

**PCN:** PCN154301

**Date:** November 05, 2015

**Subject:** Qualification of an Alternate Die Attach Epoxy for FBGA and MCP Packages

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

**Change Type:** Major

**Description of Change:**

Cypress announces the qualification of an alternate die attach epoxy (Sumitomo CRM-1577DB) for all FBGA and MCP packages assembled at Cypress Bangkok. The qualification will enable Cypress to continually provide world-class services and meet our customers' stringent quality and reliability requirements. FBGA and MCP packages assembled at Cypress Bangkok will use the following Bill of Materials (BOM).

FBGA/MCP		
	Current	New
Die Attach Epoxy	Henkel QMI 546	Henkel QMI 546 or Sumitomo CRM-1577DB

There are no changes to ordering part numbers. Product datasheets remain the same and can be downloaded from the Cypress Website ([www.cypress.com](http://www.cypress.com)).

**Benefit of Change:**

The addition of Sumitomo CRM-1577DB die attach epoxy allows the increase of assembly material availability and flexibility.

**Affected Part Numbers:** 1937

**Affected Parts:** See the attached 'Affected Parts List' file for a list of all part numbers affected by this change. Note that any new FBGA and MCP parts that are introduced after the publication of this PCN may also be manufactured with CRM-1577DB die attach epoxy at the Cypress Bangkok facility.

**Qualification Status:**

The change has been qualified through a series of tests documented in Qualification Test Plan (QTP) 153705. The qualification report can be found as an attachment to this notification.

**Sample Status:**

Qualification samples are not built ahead of time for all part numbers affected by this change. Please contact your local Cypress Sales representative for sample availability as soon as possible, but 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 manufactured with the combination of the BOM shown above.

**Anticipated Impact:**

Products manufactured with Sumitomo CRM-1577DB die attach epoxy are completely compatible with existing product from a functional, parametric, and quality performance perspective.

Cypress 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:**

There will be no changes to the part number. 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

Item	Marketing Part Number
1	S99WS128N0010-03
2	S99PL127J0240 P
3	S99PL127J0180
4	S99PL127J0170
5	S99PL127J0160
6	S99PL127J0150
7	S99PL127J0140
8	S99PL127J0030A
9	S99PL127J0030
10	S99PL127J0020
11	S99PL127J0010
12	S99PL064JA0BFWFE0
13	S99PL064J0110 P
14	S99PL064J0100
15	S99PL064J0090
16	S99PL064J0070
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18	S99PL064J0050
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42	S99GL128S0050
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140	S98NS128NC0FW0010
141	S98NS128NB0HW0020
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146	S72XS256RE0AHBJ10

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159	S71WS256RD0HH32A3
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162	S71WS256RD0HH3290
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164	S71WS256RD0HH30A0
165	S71WS256RD0HH3093
166	S71WS256RD0HH3090
167	S71WS256RC0HH30A3
168	S71WS256RC0HH30A0
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176	S71WS256PC0HH3YL0
177	S71WS128PC0HH3SR3
178	S71WS128PC0HF3SR0W
179	S71WS128PC0HF3SL0
180	S71WS128PB0HH3RL3
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183	S71VS256RD0AHKBL0
184	S71VS256RD0AHK4L0
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188	S71VS256RC0AHK4L3
189	S71VS256RC0AHK4L0
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194	S71VS128RC0ZHKA03
195	S71VS128RC0ZHKA00

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