



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

PRODUCT CHANGE NOTIFICATION

PCN: PCN164802

Date: December 02, 2016

Subject: Qualification of SMIC Fab B2 Beijing as an Additional Wafer Fab Site for IoT devices 43432PMA0EA, 43433SMA0EA and 43143HB0DA

Change Type: Major

Description of Changes:

Cypress announces the qualification of SMIC Fab B2 Beijing as an additional wafer fab site for IoT devices 43432PMA0EA, 43433SMA0EA and 43143HB0DA. This qualification is part of the flexible manufacturing initiative which allows Cypress to meet its delivery commitments in dynamic, changing market conditions.

Benefit of Change:

Cypress will have the added capability to meet upside market demand, ensure consistent and reliable delivery to customers.

Affected Part Numbers: 8

Affected Parts: See the attached 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:

SMIC Fab B2 Beijing has been qualified for these IoT devices through a standard series of reliability tests.

Sample Status:

Qualification samples are not 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. Sample requests for products without samples built ahead of time will be built to order and subject to standard lead times. Please contact your Sales Representative as soon as possible, but within 15 days of the date of this PCN, to place any sample orders.

Approximate Implementation Date:

This change will be implemented 30 days from the date of this notification. Effective 30 days from the date of this notification, all shipments of the affected part numbers will be **fabricated** at either **new** or **original wafer fab site**.

Anticipated Impact:

Products manufactured at SMIC Fab B2 Beijing site 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 and assembly location, through the lot number marked on the package. There will be no changes to the ordering codes or marking on production material after the change implementation date.

Response Required:

Please acknowledge receipt of this PCN, and submit any sample or additional information requests, within 15 days of this notification. Lack of acknowledgement will constitute acceptance of this change, which will be implemented 30 days from this notification.

For additional information regarding this change, contact your local sales representative or contact the PCN Administrator at pcn_adm@cypress.com.

Sincerely,

Cypress PCN Administration

Item	Marketing Part Number	Sample Order Part Number
1	BCM43143KMLG	BCM431433KMLG
2	BCM43143KMLGT	BCM431433KMLG
3	BCM43364KUBGT	BCM433643KUBGT
4	BCM43438KUBGT	BCM434383KUBGT
5	BCM4343W1KUBGT	BCM4343W13KUBGT; subject to lead time
6	BCM4343WKUBGT	BCM43433WKUBGT
7	CG8650AA	CG8650XA
8	CG8650AAT	CG8650XA