



## Product Change Notification - GBNG-06LXXH156

**Date:**

22 Mar 2018

**Product Category:**

8-bit PIC Microcontrollers

**Affected CPNs:****Notification subject:**

CCB 2856 Initial Notice: Qualification of Microchip Fabrication site (FAB 4) for selected Atmel products manufactured with the 59.91K process technology.

**Notification text:****PCN Status:**

Initial notification

**PCN Type:**

Manufacturing Change

**Microchip Parts Affected:**

Please open one of the icons found in the Affected CPNs section above.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .xls).

**Description of Change:**

Qualification of Microchip Fabrication site (FAB 4) for selected Atmel products manufactured with the 59.91K process technology.

**Pre Change:**

Fabricated at UMC5 and TPS5 fabrication sites using 8 inch wafers.

**Post Change:**

Fabricated at Microchip Fabrication site (FAB 4) using 8 inch wafers.

**Pre and Post Change Summary:**

	Pre Change		Post Change
Fab Site	UMC5	TPS5	Microchip Fabrication site (FAB 4)
Wafer Size	8 inch wafers	8 inch wafers	8 inch wafers
Quality Certification	ISO/TS16949	ISO/TS16949	ISO/TS16949
Design/Layout	No Change	No Change	No Change
Die Size	No Change	No Change	No Change

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**

To improve on time delivery performance by qualifying Microchip Fabrication site (FAB 4)

**Change Implementation Status:**

In progress

**Estimated Qualification Completion Date:**

January 2018

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has



completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

**Time Table Summary:**

	March 2017				->	January 2018				
Workweek	10	11	12	13		01	02	03	04	05
Initial PCN Issue Date		X								
Qualification Report Availability								X		
Final PCN Issue Date								X		

**Method to Identify Change:**

Traceability code

**Qualification Plan:**

Please open the attachments included with this PCN labeled as PCN\_#\_Qual Plan.

**Revision History:**

**March 13, 2017:** Issued initial notification.

**March 20, 2017:** Re-issued the initial notification. Revised the initial PCN by narrowing the scope to affect only the ATMEGA168PB device family manufactured with the 59.91K process technology which is reflected in the subject, description, and the affected parts list.

**December 11, 2017:** Re-issued the initial notification. Revised the affected parts list and estimated qualification completion date.

**March 22, 2018:** Revised the initial notification to update the affected parts list and remove parts that are not included in the scope.

The change described in this PCN does not alter Microchip’s current regulatory compliance regarding the material content of the applicable products.

**Attachment(s):**

[PCN\\_GBNG-06LXXH156\\_Qual\\_Plan.pdf](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

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Affected Catalog Part Numbers (CPN)

ATMEGA168PB-AN  
ATMEGA168PB-ANR  
ATMEGA168PB-AU  
ATMEGA168PB-AUR  
ATMEGA168PB-MN  
ATMEGA168PB-MNR  
ATMEGA168PB-MU  
ATMEGA168PB-MUR  
ATMEGA324PB-AN  
ATMEGA324PB-ANR  
ATMEGA324PB-AU  
ATMEGA324PB-AUR  
ATMEGA324PB-MN  
ATMEGA324PB-MNR  
ATMEGA324PB-MU  
ATMEGA324PB-MUR  
ATMEGA328-AURA1  
ATMEGA328-MURA1  
ATMEGA328P-AUA1  
ATMEGA328P-AURA1  
ATMEGA328PB-AN  
ATMEGA328PB-ANR  
ATMEGA328PB-AU  
ATMEGA328PB-AUR  
ATMEGA328PB-MN  
ATMEGA328PB-MNR  
ATMEGA328PB-MU  
ATMEGA328PB-MUR  
ATMEGA328P-MURA1  
ATMEGA48PB-AN  
ATMEGA48PB-ANR  
ATMEGA48PB-AU  
ATMEGA48PB-AUR  
ATMEGA48PB-MN  
ATMEGA48PB-MNR  
ATMEGA48PB-MU  
ATMEGA48PB-MUR  
ATMEGA88PB-AN  
ATMEGA88PB-ANR  
ATMEGA88PB-AU  
ATMEGA88PB-AUR  
ATMEGA88PB-MN  
ATMEGA88PB-MNR  
ATMEGA88PB-MU  
ATMEGA88PB-MUR  
ATMEGA88PB-MURB75  
ATTINY1614-SSFR

ATTINY1616-MFR  
ATTINY1616-MNR  
ATTINY1616-SFR  
ATTINY1616-SNR  
ATTINY1617-MFR  
ATTINY1617-MNR  
ATTINY212-SSFR  
ATTINY212-SSNR  
ATTINY214-SSFR  
ATTINY214-SSNR  
ATTINY414-SSFR  
ATTINY414-SSNR  
ATTINY416-MFR  
ATTINY416-MNR  
ATTINY416-SFR  
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