



Product Change Notification - GBNG-06LXXH156

Date:

02 May 2018

Product Category:

8-bit PIC Microcontrollers

Affected CPNs:**Notification subject:**

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

Notification text:**PCN Status:**

Final 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 First Ship Date:

June 2, 2018 (date code: 1822)

NOTE: Please be advised that after the estimated first ship date customers may receive pre and



post change parts

Time Table Summary:

	March 2017				->	May 2018				June 2018				
Workweek	10	11	12	13		18	19	20	21	22	23	24	25	26
Initial PCN Issue Date		X												
Qualification Report Availability														
Final PCN Issue Date						X								
Estimated Implementation Date										X				

Method to Identify Change:

Traceability code

Qualification Report:

Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

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 in of the scope.

May 2, 2018: Issued final notification. Attached the Qualification Report. Revised the affected parts list. Provided estimated first ship date on June 2, 2018.

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_Report.pdf](#)

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Affected Catalog Part Numbers (CPN)

ATMEGA168-20AUR
ATMEGA168-20MQ
ATMEGA168-20MQR
ATMEGA168-20MUR
ATMEGA168A-AU
ATMEGA168A-AUR
ATMEGA168A-MU
ATMEGA168A-MUR
ATMEGA168P-20AN
ATMEGA168P-20ANR
ATMEGA168P-20AUR
ATMEGA168P-20MQ
ATMEGA168P-20MQR
ATMEGA168P-20MUR
ATMEGA168PA-AN
ATMEGA168PA-ANR
ATMEGA168PA-AU
ATMEGA168PA-AUR
ATMEGA168PA-MN
ATMEGA168PA-MNR
ATMEGA168PA-MU
ATMEGA168PA-MUR
ATMEGA168PB-AN
ATMEGA168PB-ANR
ATMEGA168PB-AU
ATMEGA168PB-AUR
ATMEGA168PB-MN
ATMEGA168PB-MNR
ATMEGA168PB-MU
ATMEGA168PB-MUR
ATMEGA168PV-10AN
ATMEGA168PV-10AUR
ATMEGA168PV-10MUR
ATMEGA168V-10AUR
ATMEGA168V-10MQ
ATMEGA168V-10MQR
ATMEGA168V-10MUR
ATMEGA324PB-AN
ATMEGA324PB-ANR
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ATMEGA324PB-AUR
ATMEGA324PB-MN
ATMEGA324PB-MNR
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ATMEGA324PB-MUR
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ATMEGA328-AUR

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ATMEGA328PB-AN
ATMEGA328PB-ANR
ATMEGA328PB-AU
ATMEGA328PB-AUR
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ATMEGA328PB-MNR
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ATMEGA328PB-MUR
ATMEGA328P-MU
ATMEGA328P-MUR
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ATMEGA88V-10MUR
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ATTINY414-SSFR
ATTINY414-SSNR
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ATTINY416-SFR
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ATTINY417-MFR
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ATTINY814-SSFR
ATTINY814-SSNR

ATTINY816-MNR

ATTINY816-SFR

ATTINY816-SNR

ATTINY817-MFR

ATTINY817-MNR