

Product Change Notification - GBNG-31ZQBM043

Date: 07 Feb 2017

Product Category: 32-bit PIC Microcontrollers; 8-bit PIC Microcontrollers

Notification subject: CRS 16-1150 Final Notice: Qualification of New Carrier Tape Design for all Atmel MCU products available in 100L TQFP 14X14 package shipped from MPHIL.

Notification text:

PCN Status:
Final notification

Microchip Parts Affected:
Please open the attachments found in the attachments field below labeled as PCN_#_Affected_CPN.

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

Description of Change:
Qualification of New Carrier Tape Design for all Atmel MCU products available in 100L TQFP 14X14 package shipped from MPHIL.

Pre Change:
Carrier tape design with pedestal type.

Post Change:
Carrier tape design with full fence type.

Pre and Post Change Summary:

Description	Pre Change	Post Change
Type	Pedestal	Full fence
Ao	16.50	16.40
Bo	16.50	16.40
Ko	1.90	1.50
T	0.30	0.30
P	24.0	20.0
W	32.0	24.0

Note: Please review the attached document for pre and post details of the changes and schematic diagram to identify each item.

Impacts to Data Sheet:
None

Change Impact:
None

Reason for Change:
To improve manufacturability by qualifying new carrier tape design.

Change Implementation Status:
Completed

Estimated First Ship Date:
February 27, 2017

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

Time Table Summary:

Workweek	February 2017				
	05	06	07	08	09
Qualification Report Availability	X				
Final PCN Issue Date	X				
Estimated Implementation Date					X

Method to Identify Change:

The change can be identify thru the size (tape width) of the carrier tape, the tape width of existing carrier tape is 32MM while the proposed change is 24MM.

Qualification Report:

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

Revision History:

February 07, 2017: Issued final notification.

IMPORTANT:

As part of the Atmel integration with Microchip, Atmel will integrate from the current Product/Process Change Notification (PCN) and End of Life (EOL) Notification system to the Microchip notification system. Please complete PCN email registration prior to March 1, 2017 if you would like to continue to receive PCN via email. For further details and registration process, kindly view PCN KMIO-SC164003.

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-31ZQBM043_Affected CPN.pdf](#)
[Carrier Tape Pre and Post Change Summary.pdf](#)
[PCN_GBNG-31ZQBM043_Qual Report.pdf](#)
[PCN_GBNG-31ZQBM043_Affected CPN.xlsx](#)

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

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Affected Catalog Part Number (CPN)

PCN_GBNG-31ZQBM043
CATALOG_PART_NBR
AT32UC3A1128-AUR
AT32UC3A1128-AUT
AT32UC3A1256AU-AUR
AT32UC3A1256-AUR
AT32UC3A1256-AUT
AT32UC3A1512AU-AUR
AT32UC3A1512-AUR
AT32UC3A1512-AUT
AT32UC3C1128C-AUR
AT32UC3C1128C-AUT
AT32UC3C1256C-AUR
AT32UC3C1256C-AUT
AT32UC3C1256C-AZR
AT32UC3C1256C-AZT
AT32UC3C1512C-AUR
AT32UC3C1512C-AUT
AT32UC3C1512C-AZR
AT32UC3C1512C-AZT
AT32UC3C164C-AUR
AT32UC3C164C-AUT
ATMXT225T-AB
ATMXT225T-ABR
ATMXT225T-AT
ATMXT225T-ATR
ATMXT3432S-M-AT
ATMXT3432S-M-ATR
ATMXT449T-AB
ATMXT449T-AB074
ATMXT449T-ABR
ATMXT449T-ABR074
ATMXT449T-AT
ATMXT449T-AT066
ATMXT449T-AT074
ATMXT449T-ATR
ATMXT449T-ATR066
ATMXT449T-ATR074
ATMXT449T-ATRNBI
ATMXT641T-AB
ATMXT641T-AB074
ATMXT641T-ABR
ATMXT641T-ABR074
ATMXT641T-AT
ATMXT641T-AT064

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Affected Catalog Part Number (CPN)

ATMXT641T-AT074
ATMXT641T-ATR
ATMXT641T-ATRO64
ATMXT641T-ATRO74
ATMXT641T-ATRNBI
ATMXT641TC01-AT
ATMXT641TC01-ATR
ATMXT641TH-AT
ATMXT641TH-ATR
ATSAM4LC2CA-AU
ATSAM4LC2CA-AUR
ATSAM4LC4CA-AU
ATSAM4LC4CA-AUR
ATSAM4LC8CA-AU
ATSAM4LC8CA-AUR
ATSAM4LS2CA-AU
ATSAM4LS2CA-AUR
ATSAM4LS4CA-AU
ATSAM4LS4CA-AUR
ATSAM4LS8CA-AU
ATSAM4LS8CA-AUR
ATSAML22N17A-AUT
ATSAML22N18A-AUT
ATUC3T-ATR
ATXMEGA128B1-AU
ATXMEGA128B1-AUR
ATXMEGA64B1-AU
ATXMEGA64B1-AUR