

Product Change Notification - GBNG-31ZQBM043

Date: 12 Apr 2017
Product Category: 8-bit PIC Microcontrollers; 32-bit PIC Microcontrollers; Touchscreen Controllers
Notification subject: CRS 16-1150 Final Notice: Qualification of New Carrier Tape Design for all Atmel MCU products available in 64L and 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 64L and 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:
May 29, 2017

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

Time Table Summary:

	April 2017				May 2017				
Workweek	14	15	16	17	18	19	20	21	22
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 03, 2017: Issued final notification.

April 12, 2017: Re-issued the final notification to include the 64L TQFP package and updated the estimated first ship date from (EFSD) from February 27, 2017 to May 29, 2017.

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
AT32UC3A1256-AUR
AT32UC3A1512-AUR
AT32UC3C1128C-AUR
AT32UC3C1256C-AUR
AT32UC3C1256C-AZR
AT32UC3C1512C-AUR
AT32UC3C1512C-AZR
AT32UC3C164C-AUR
AT90CAN128-15AT
AT90CAN128-15AT1
AT90CAN128-15AZ
AT90CAN128-16AUR
AT90CAN32-15AT
AT90CAN32-15AT1
AT90CAN32-15AZ
AT90CAN32-16AUR
AT90CAN64-15AT
AT90CAN64-15AT1
AT90CAN64-15AZ
AT90CAN64-16AUR
AT90USB1286-AUR
AT90USB1287-AUR
AT90USB646-AUR
AT90USB647-AUR
ATMEGA169P-15AT
ATMXT225T-ABR
ATMXT225T-ATR
ATMXT3432S-M-ATR
ATMXT449T-ABR
ATMXT449T-ABR074
ATMXT449T-ATR
ATMXT449T-ATR066
ATMXT449T-ATR074
ATMXT449T-ATRNBI
ATMXT540E-ABR
ATMXT540E-ATR
ATMXT641T-ABR
ATMXT641T-ABR074
ATMXT641T-ATR
ATMXT641T-ATR064
ATMXT641T-ATR074
ATMXT641T-ATRNBI

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Affected Catalog Part Number (CPN)

ATMXT641TC01-ATR
ATMXT641TH-ATR
ATMXT768E-ABR
ATMXT768E-ATR
ATSAM4LC2CA-AUR
ATSAM4LC4CA-AUR
ATSAM4LC8CA-AUR
ATSAM4LS2CA-AUR
ATSAM4LS4CA-AUR
ATSAM4LS8CA-AUR
ATSAML22N17A-AUT
ATSAML22N18A-AUT
ATUC3T-ATR
ATXMEGA128B1-AUR
ATXMEGA128B3-AUR
ATXMEGA128C3-ANR
ATXMEGA128C3-AUR
ATXMEGA128D3-AUR
ATXMEGA192C3-AUR
ATXMEGA256C3-AUR
ATXMEGA256D3-AUR
ATXMEGA32C3-AUR
ATXMEGA32D3-AUR
ATXMEGA64B1-AUR
ATXMEGA64B3-AUR
ATXMEGA64C3-AUR
ATXMEGA64D3-15AT1
ATXMEGA64D3-ANR
ATXMEGA64D3-AUR