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Product Change Notification - GBNG-31ZQBM043 (Printer Friendly)

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_CPEN.

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](#)

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