

Product Change Notification - GBNG-18NQCZ306

Date:

22 Jul 2019

Product Category:

Temperature Sensors

Affected CPNs:

Notification subject:

CCB 3875 Final Notice: Implement new Tape and Reel packing media for selected Atmel products of the 35.4k wafer technology available in 8L UDFN (2x3x0.6mm) and WDFN (2x3x0.8mm) packages at MTAI assembly site.

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:

Implement new Tape and Reel packing media for selected Atmel products of the 35.4k wafer technology available in 8L UDFN (2x3x0.6mm) and WDFN (2x3x0.8mm) packages at MTAI assembly site.

Pre Change:

Using carrier tape with 8mm width, cover tape with 5.3mm width and white plastic reel.

Post Change:

Using carrier tape with 8mm width, cover tape with 5.4mm width and dark blue plastic reel.

Pre and Post Change Summary:

Item	Pre Change	Post Change
Carrier Tape	Width	8 +0.3
	A0	2.30 ±0.1
	B0	3.20 ±0.1
	K0	1.00 +0.1/-0.05
Cover Tape	Width	5.3 ±0.1
	Thickness	0.056 ±0.005
		0.062 ±0.013
Plastic Reel	(A) Reel Diameter	330 +/- 2.0
	(N) Hub Diameter	100 ± 2.0
	(W1) Reel Thickness	8.4 +2.0/-0
	(W2) Total Thickness	14.4
	(C) Center Hole Diameter	13 +0.5/-0.2
	Color	White
Pin 1 Orientation	Quadrant 2	Quadrant 2

Note: 1) All dimensions are in millimeters (mm)

2) Please review the attached document for pre and post details of the changes.

Impacts to Data Sheet:

None

Change Impact:

None



Reason for Change:

To improve manufacturability by implementing new Tape and Reel packing media.

Change Implementation Status:

In Progress

Estimated First Ship Date:

August 22, 2019 (date code: 1934)

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

Time Table Summary:

	July 2019					August 2019			
Workweek	27	28	29	30	31	32	33	34	35
Final PCN Issue Date				X					
Qual Report Availability				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:

July 22, 2019: Issued final notification. Attached the qualification report. Provided the estimated first ship date to be on August 22, 2019.

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-18NQCZ306_Qual Report and Pre and Post Change.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

AT30TS00-MAH-T
AT30TS01-MAA5M-T
AT30TS01-MAA5M-T-452
AT30TSE002A-MAH-T
AT30TSE002B-MAHGS-T
AT30TSE002B-MAHSB-T
AT30TSE002B-MAH-T
AT30TSE002B-MAH-T-053
AT30TSE002B-MAH-T-452
AT30TSE002B-MAH-T-975
AT30TSE004A-MA5M-T
AT30TSE004A-MAA5AK-T
AT30TSE004A-MAA5AK-T-053
AT30TSE004A-MAA5M-T
AT30TSE004A-MAA5M-T-053
AT30TSE004A-MAA5M-T-452