



## Product Change Notification / JAON-27XQGL571

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### Date:

05-Feb-2021

### Product Category:

8-bit Microcontrollers

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 4470 Final Notice: Implement new carrier tape and reel for selected Atmel products available in 64L TQFP (14x14x1.0mm) package at ASE9 final test site.

### Affected CPNs:

[JAON-27XQGL571\\_Affected\\_CPN\\_02052021.pdf](#)

[JAON-27XQGL571\\_Affected\\_CPN\\_02052021.csv](#)

### Notification Text:

**PCN Status:** Final notification

**PCN Type:** Manufacturing Change

**Microchip Parts Affected:** Please open one of the files found in the Affected CPNs section.

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

**Description of Change:** Implement new carrier tape and reel for selected Atmel products available in 64L TQFP (14x14x1.0mm) package at ASE9 final test site.

#### Pre Change:

Using carrier tape with dimensions (A0 = 17mm, B0 = 17mm, K0 = 2.10 mm and K1 = 1.40 mm) and reel hub size (181.5 mm)

#### Post Change:

Using carrier tape with dimensions (A0 = 16.5mm, B0 = 16.5mm, K0 = 1.90 mm and K1 = 1.55 mm) and reel hub size (100 mm)

**Pre and Post Change Summary:**

		<b>Pre Change</b>	<b>Post Change</b>
<b>Final Test Site</b>		ASE Test (ASE9)	ASE Test (ASE9)
<b>Carrier Tape Dimension</b>	<b>Width (mm)</b>	32	32
	<b>Pitch (mm)</b>	24	24
	<b>A0 (mm)</b>	17	16.5
	<b>B0 (mm)</b>	17	16.5
	<b>K0 (mm)</b>	2.10	1.90
	<b>K1 (mm)</b>	1.40	1.55
	See pre and post change comparison.		
<b>Reel Dimensions</b>	<b>Diameter (mm)</b>	330	330
	<b>Hub Size (mm)</b>	181.5	100
	See pre and post change comparison.		
<b>Base Quantity Multiple (BQM)</b>		1000	1000

**Impacts to Data Sheet:** None

**Change Impact:**None

**Reason for Change:**To improve manufacturability and standardize the carrier tape and reel for selected Atmel products available in 64L TQFP (14x14x1.0mm) package at ASE9 final test site.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**February 28, 2021 (date code: 2110)

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

**Time Table Summary:**

	<b>February 2021</b>				
	06	07	08	09	10
Workweek					
Final PCN Issue Date	X				
Estimated First Ship Date					X

**Method to Identify Change:** Traceability code

**Qualification Report:**Not applicable

**Revision History:February 5, 2021:** Issued final notification. Provided estimated first ship date to be on February 28, 2021.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

## **Attachments:**

[PCN\\_JAON-27XQGL571\\_Pre and Post Change\\_Summary.pdf](#)

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

## **Terms and Conditions:**

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN)

ATMEGA128-16ANR  
ATMEGA128L-8ANR  
ATMEGA128A-ANR  
ATMEGA128A-AUR  
ATMEGA128L-8AUR  
ATMEGA128L-8AURA6  
ATMEGA128-16AURA0  
ATMEGA128-16AUR  
ATMEGA64A-ANR  
ATMEGA64A-AUR  
ATMEGA64-16AUR  
ATMEGA64L-8AUR  
ATMEGA64-16AURA0  
ATMEGA325A-ANR  
ATMEGA325PA-AUR  
ATMEGA329A-AUR  
ATMEGA329PA-AUR  
ATMEGA325A-AUR  
ATMEGA169PA-ANR  
ATMEGA165PA-AUR  
ATMEGA165A-AUR  
ATMEGA169A-AUR  
ATMEGA169PA-AUR  
ATHON169A-AUR  
ATMEGA128L-8AURA5  
ATMEGA128L-8AURA3  
ATMEGA128-16AURA3  
ATMEGA165PV-8ANR  
ATMEGA165P-16ANR  
ATMEGA169PV-8AUR  
ATMEGA169P-16AUR  
ATMEGA165P-16AUR  
ATMEGA165PV-8AUR  
ATMEGA169PV-8AURA3  
ATXMEGA192A3-AUR  
ATXMEGA256D3-AUR  
ATXMEGA64A3-AURA0  
ATXMEGA256D3-AURA2  
ATXMEGA256A3-AUR  
ATXMEGA64A3-AUR  
ATXMEGA128A3-AUR  
ATXMEGA192A3U-ANR  
ATXMEGA256A3U-ANR  
ATXMEGA192A3U-AUR  
ATXMEGA192D3-AURA0  
ATXMEGA256A3BU-AUR

ATXMEGA256D3-AURA1  
ATXMEGA128A3U-AURA0  
ATXMEGA256A3U-AUR  
ATXMEGA128A3U-AUR  
ATXMEGA64A3U-AUR

**CCB 4470**  
**Pre and Post Change Summary**  
**PCN# JAON-27XQGL571**



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# Carrier Tape Dimensions

## Pre Change



Dimensions (unit: mm)

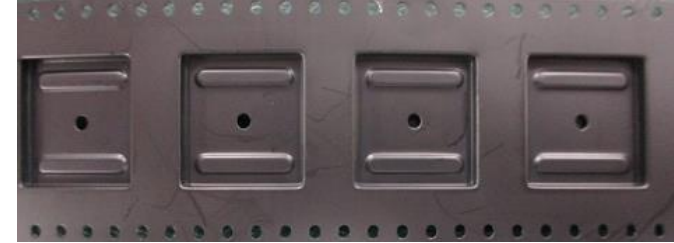
A0: **17.0** B0: **17.0**

K0: **2.10** K1: **1.40**

Tape width: 32

Pocket pitch: 24

## Post Change



Dimensions (unit: mm)

A0: **16.5** B0: **16.5**

K0: **1.90** K1: **1.55**

Tape width: 32

Pocket pitch: 24

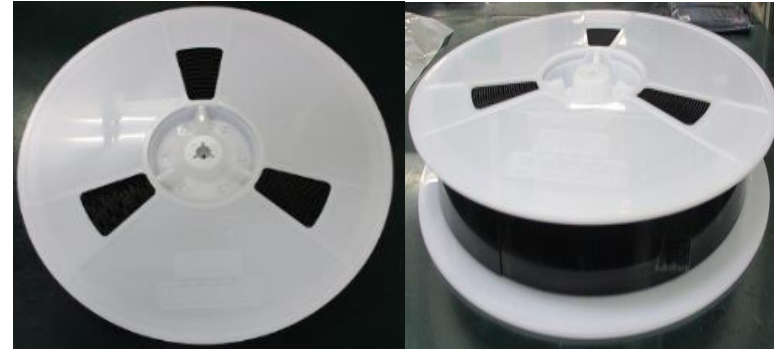
# Reel Dimensions

## Pre Change



Reel Diameter: 330 mm  
Reel Hub size: **181.5 mm**

## Post Change



Reel Diameter: 330 mm  
Reel Hub size: **100 mm**