



Product Change Notification: CBOL-24ZMOX279

Date:

03-Jun-2026

Product Category:

32-Bit Microcontrollers, 8-Bit Microcontrollers, Touchscreen Controllers

Notification Subject:

CCB 8247 Final Notice: Implement new carrier tape design for ATXMEGA64A1-AUR, ATXMEGA128A1-AUR, ATXMEGA128A1U-ANR, ATXMEGA128A1U-AUR, ATXMEGA64A1U-AUR, ATXMEGA128B1-AUR, ATXMEGA64B1-AUR, ATMXT768E-ABR026, ATMXT540E-ABR-A21, ATMXT768E-ATR, ATMXT540E-ATR, ATUC3T-ATR, ATMXT540E-ATR-A0, ATMXT540E-ATR-A1, ATUC3T-ATRV01, ATMXT540E-ATRV02, ATMXT540E-ATRV03, ATMXT540E-ATRV05, ATMXT540E-ATRV07, ATSAM4LC8CA-AUR, ATSAM4LS8CA-AUR, ATSAML22N16A-AUT, ATSAML22N17A-AUT and ATSAML22N18A-AUT catalog part numbers (CPN) available in 100L TQFP (14x14x1mm) package at ASE9 final test site.

Affected CPNs:

[CBOL-24ZMOX279_Affected_CPN_06032026.pdf](#)

[CBOL-24ZMOX279_Affected_CPN_06032026.csv](#)

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 design for ATXMEGA64A1-AUR, ATXMEGA128A1-AUR, ATXMEGA128A1U-ANR, ATXMEGA128A1U-AUR, ATXMEGA64A1U-AUR, ATXMEGA128B1-AUR, ATXMEGA64B1-AUR, ATMXT768E-ABR026, ATMXT540E-ABR-A21, ATMXT768E-ATR, ATMXT540E-ATR, ATUC3T-ATR, ATMXT540E-ATR-A0, ATMXT540E-ATR-A1, ATUC3T-ATRV01, ATMXT540E-ATRV02, ATMXT540E-ATRV03, ATMXT540E-ATRV05, ATMXT540E-ATRV07, ATSAM4LC8CA-AUR, ATSAM4LS8CA-AUR, ATSAML22N16A-AUT, ATSAML22N17A-AUT and ATSAML22N18A-AUT catalog part numbers (CPN) available in 100L TQFP (14x14x1mm) package at ASE9 final test site.

Pre and Post Summary Changes:

	Pre Change	Post Change	Change (Yes/No)
Final Test Site	ASE Test (ASE9)	ASE Test (ASE9)	No
Carrier Tape	With dimensional changes. See Pre and Post Change Summary attachment for comparison.		Yes
Packing Material / Method	No change.		No

Impacts to Datasheet: None

Change Impact: None

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

Change Implementation Status: In Progress

Estimated First Ship Date: 10 July 2026 (date code: 2628)

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

Timetable Summary:

	May 2026				>	July 2026				
Work Week	19	20	21	22		27	28	29	30	31
Qual Report Availability				X						
Final PCN Issue Date				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: May 28, 2026: Issued final notification.

June 03, 2026: Re-issued final notification. Revised the affected parts list to remove ATXMEGA128B1-AURA0 EOL'd catalog part number (CPN). Updated the "Title" and "Description of Change" in the PCN letter, and the title and "Purpose" in the Qualification Report. Revised the "Pre and Post Change Summary" attachment to specify the conditions for the carrier tape comparison.

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

Attachments:

[PCN_CBOL-24ZMOX279 Pre and Post Change Summary_revA.pdf](#)

[PCN_CBOL-24ZMOX279_Qualification Report.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):

ATXMEGA64A1-AUR

ATXMEGA128A1-AUR

ATXMEGA128A1U-ANR

ATXMEGA128A1U-AUR

ATXMEGA64A1U-AUR

ATXMEGA128B1-AUR

ATXMEGA64B1-AUR

ATMXT768E-ABR026

ATMXT540E-ABR-A21

ATMXT768E-ATR

ATMXT540E-ATR

ATUC3T-ATR

ATMXT540E-ATR-A0

ATMXT540E-ATR-A1

ATUC3T-ATRV01

ATMXT540E-ATRV02

ATMXT540E-ATRV03

ATMXT540E-ATRV05

ATMXT540E-ATRV07

ATSAM4LC8CA-AUR

ATSAM4LS8CA-AUR

ATSAML22N16A-AUT

ATSAML22N17A-AUT

ATSAML22N18A-AUT

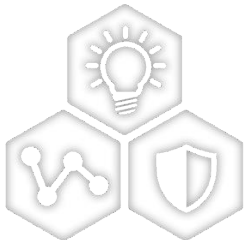
CCB 8247

Pre and Post Change Summary

PCN #:CBOL-24ZMOX279



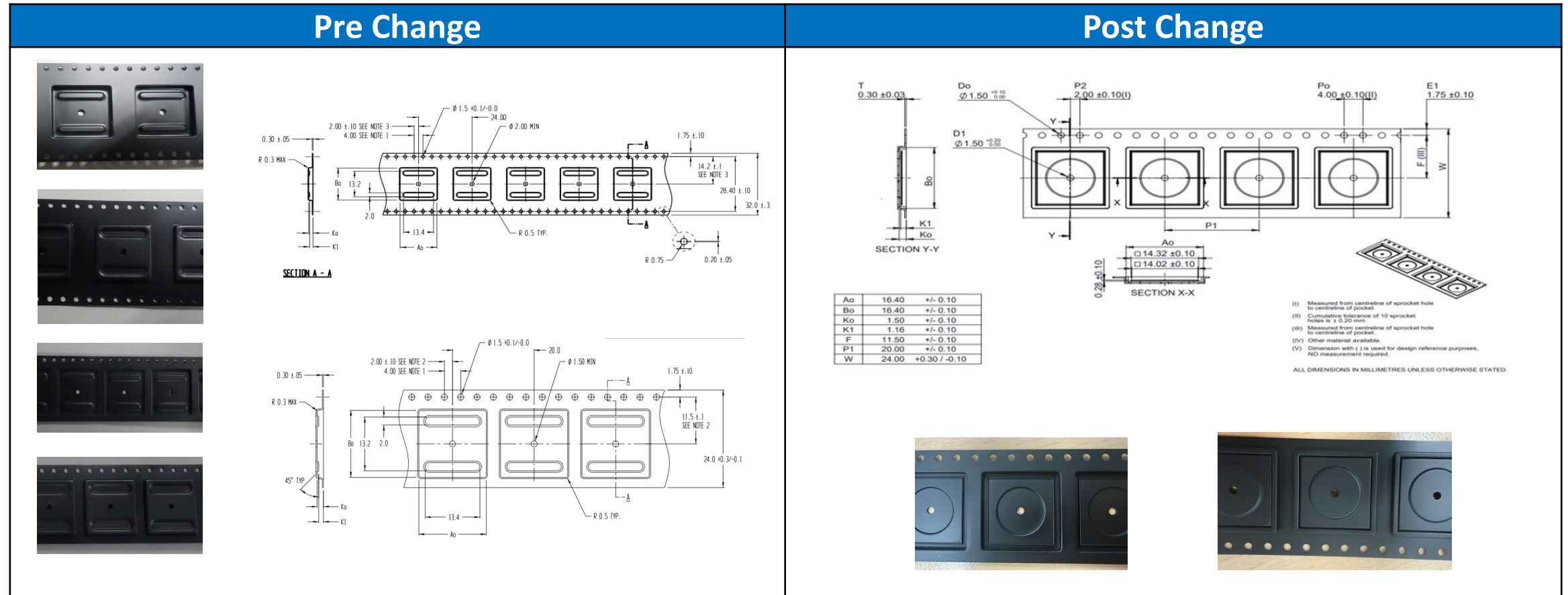
A Leading Provider of Smart, Connected and Secure Embedded Control Solutions



SMART | CONNECTED | SECURE

Pre and Post Change Summary – 100L TQFP 14x14x1.0mm

Carrier Tape Comparison



Condition	W (mm.)	P (mm.)	A0 (mm)	B0 (mm)	K0 (mm)	K1 (mm)	Thickness (mm)
Pre-Change	32.0±0.3	24.00±0.1	16.50±0.1	16.50±0.1	1.90±0.1	1.55±0.1	0.30±0.05
Pre-Change	24.0+0.3/-0.1	20.00±0.1	16.50±0.1	16.50±0.1	1.55±0.1	1.20±0.1	0.30±0.05
Post-Change	24.0+0.3/-0.1	20.00±0.1	16.40±0.1	16.40±0.1	1.50±0.1	1.15±0.1	0.30±0.03



MICROCHIP

QUALIFICATION REPORT SUMMARY

PCN# CBOL-24ZMOX279

**Date:
June 03, 2026**

Implement new carrier tape design for ATXMEGA64A1-AUR, ATXMEGA128A1-AUR, ATXMEGA128A1U-ANR, ATXMEGA128A1U-AUR, ATXMEGA64A1U-AUR, ATXMEGA128B1-AUR, ATXMEGA64B1-AUR, ATMXT768E-ABR026, ATMXT540E-ABR-A21, ATMXT768E-ATR, ATMXT540E-ATR, ATUC3T-ATR, ATMXT540E-ATR-A0, ATMXT540E-ATR-A1, ATUC3T-ATRV01, ATMXT540E-ATRV02, ATMXT540E-ATRV03, ATMXT540E-ATRV05, ATMXT540E-ATRV07, ATSAM4LC8CA-AUR, ATSAM4LS8CA-AUR, ATSAML22N16A-AUT, ATSAML22N17A-AUT and ATSAML22N18A-AUT catalog part numbers (CPN) available in 100L TQFP (14x14x1mm) package at ASE9 final test site.

Purpose: Implement new carrier tape design for ATXMEGA64A1-AUR, ATXMEGA128A1-AUR, ATXMEGA128A1U-ANR, ATXMEGA128A1U-AUR, ATXMEGA64A1U-AUR, ATXMEGA128B1-AUR, ATXMEGA64B1-AUR, ATMXT768E-ABR026, ATMXT540E-ABR-A21, ATMXT768E-ATR, ATMXT540E-ATR, ATUC3T-ATR, ATMXT540E-ATR-A0, ATMXT540E-ATR-A1, ATUC3T-ATRV01, ATMXT540E-ATRV02, ATMXT540E-ATRV03, ATMXT540E-ATRV05, ATMXT540E-ATRV07, ATSAM4LC8CA-AUR, ATSAM4LS8CA-AUR, ATSAML22N16A-AUT, ATSAML22N17A-AUT and ATSAML22N18A-AUT catalog part numbers (CPN) available in 100L TQFP (14x14x1mm) package at ASE9 final test site.

CCB No.: 8247

Test Name	Result
Fitting Analysis	Passed
IQA	Passed
Functional Test (Peel Back Force Test)	Passed
Functional Test (Bend Test)	Passed
Drop Test	Passed