Product Change Notification: MAAN-08GUQD718

Date:

11-Sep-2026

Product Category:

32-Bit Microcontrollers, 8-Bit Microcontrollers

Notification Subject:

CCB 8518 Initial Notice: Qualification of OSE as an additional final test site and scan and pack site for selected AT58A97B, AT91SAM7S256, AT91SAM7S512, AT91SAM7S64, AT91SAM7SE256, AT91SAM7SE32, AT91SAM7SE512, AT91SAM7X128, AT91SAM7X256 and AT91SAM7XC512B device families available in various packages.

Affected CPNs:

MAAN-08GUQD718_Affected_CPN_09112026.pdf
MAAN-08GUQD718_Affected_CPN_09112026.csv

PCN Status: Initial 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: Qualification of OSE as an additional final test site and scan and pack site for selected AT58A97B, AT91SAM7S256, AT91SAM7S512, AT91SAM7S64, AT91SAM7SE256, AT91SAM7SE32, AT91SAM7SE512, AT91SAM7X128, AT91SAM7X256 and AT91SAM7XC512B device families available in various packages.

Pre and Post Summary Changes:

	Pre Change	**Post Change**		**Change (Yes/No)**
Final Test Site	ASE Test (ASE9)	ASE Test (ASE9)	Orient Semiconductor Electronics, Ltd	Yes
Scan and Pack Site				

			(OSE)	
Packing Material/Method	See Pre and Post Change Summary for Comparison			Yes

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve on-time delivery performance by qualifying OSE as an additional final test site and scan and pack site.

Change Implementation Status: In Progress

Estimated Qualification Completion Date: September 2026

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

Timetable Summary:

	September 2026				
Work Week	36	37	38	39	40
Initial PCN Issue Date		x			
Qual Report Availability			x		
Final PCN Issue Date			x		

Method to Identify Change: Traceability Code

Qualification Plan: Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.

Revision History: September 11, 2026: Issued initial notification.

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_MAAN-08GUQD718_Pre and Post Change_Summary.pdf
PCN MAAN-08GUQD718 Qual Plan.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.

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Affected Catalog Part Numbers (CPN):

AT91SAM7X256C-AU

AT91SAM7X256C-AUR

AT91SAM7S512B-MU

AT91SAM7S256D-MU

AT91SAM7S256D-MU-999

AT91SAM7S64C-MU

AT91SAM7SE32B-CU

AT58A97B-02

AT91SAM7X128C-AU

AT91SAM7SE512B-CU

AT91SAM7SE256B-CU

AT91SAM7SE32B-AU

AT91SAM7XC512B-CU

AT91SAM7XC512B-CUR

AT91SAM7XC512B-AU

AT91SAM7XC512B-AUR

AT91SAM7X256C-CU

AT91SAM7SE256B-AU

AT91SAM7SE256B-AUR



QUALIFICATION PLAN SUMMARY

PCN #: MAAN-08GUQD718

Date:
August 06, 2026

Qualification of OSE as an additional final test site and scan and pack site for selected AT58A97B, AT91SAM7S256, AT91SAM7S512, AT91SAM7S64, AT91SAM7SE256, AT91SAM7SE32, AT91SAM7SE512, AT91SAM7X128, AT91SAM7X256 and AT91SAM7XC512B device families available in various packages.

Purpose: Qualification of OSE as an additional final test site and scan and pack site for selected AT58A97B, AT91SAM7S256, AT91SAM7S512, AT91SAM7S64, AT91SAM7SE256, AT91SAM7SE32, AT91SAM7SE512, AT91SAM7X128, AT91SAM7X256 and AT91SAM7XC512B device families available in various packages.

CCB No.: 8518

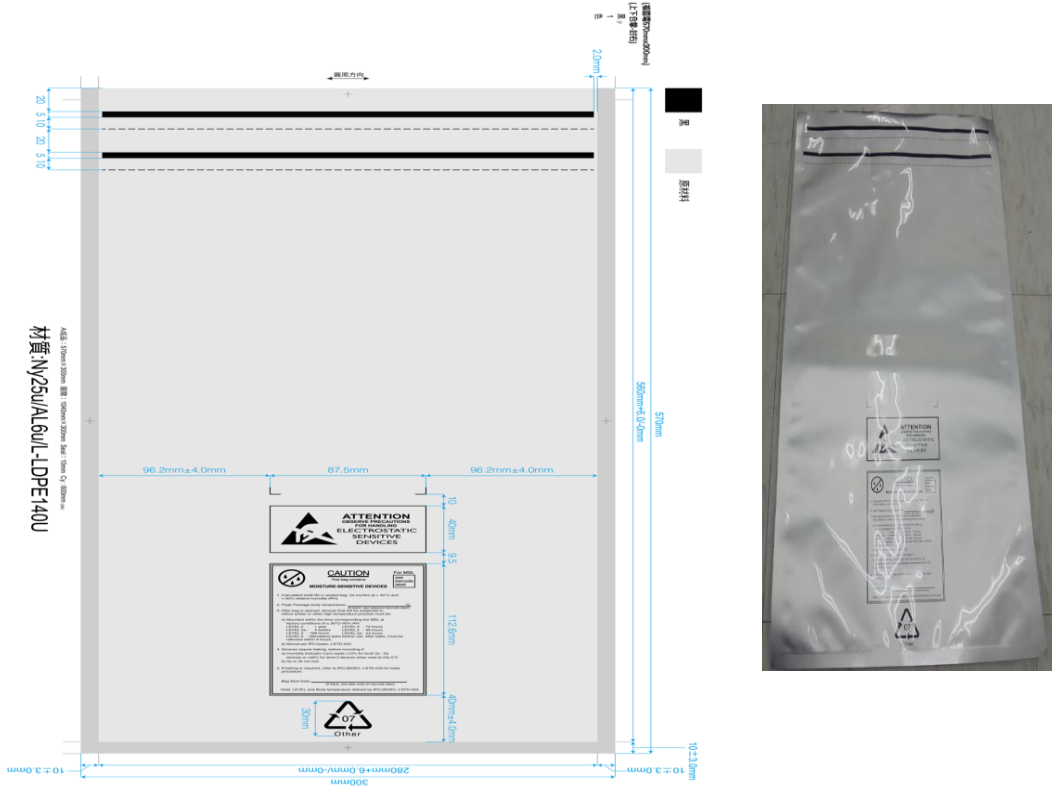
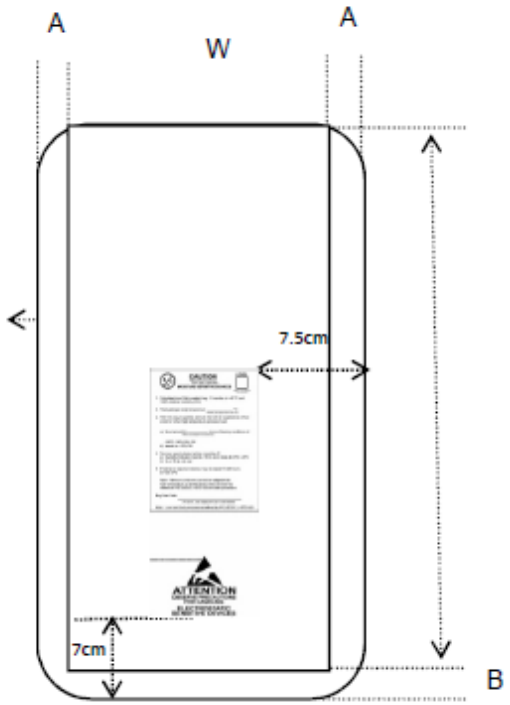
Test Name	Remarks
Yield to Yield Comparison	Qual Lot = 1,000 units 100% yield in QC

CCB 8518
Pre and Post Change Summary
PCN #:MAAN-08GUQD718

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

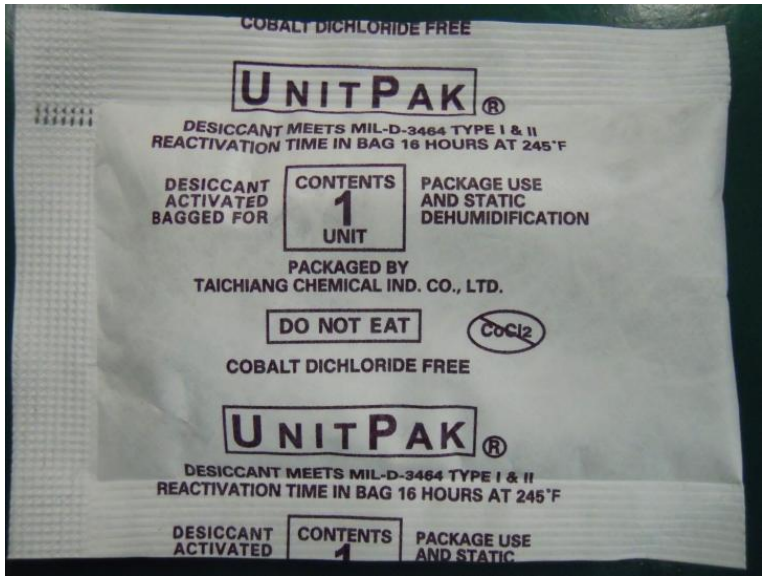
SMART | CONNECTED | SECURE

Pre and Post Change Summary – Tray (Moisture Barrier Bag)

ASE9	OSE
64L VQFN 9x9x1mm & 100 LQFP 14x14x1.4mm	
	 

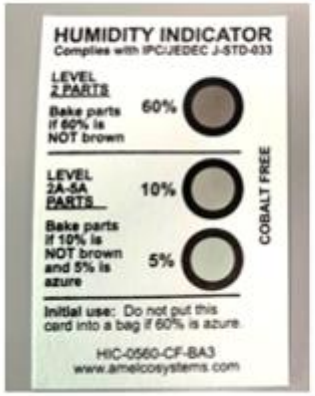
Plant	Moisture Sensitivity Level	Bag type	Length (mm)	Width (mm)	Thickness (mm)
ASE9	MSL- 3	Moisture Barrier Bag	570 +6/-0	300 +6/-0	0.18
OSE	MSL- 3	Moisture Barrier Bag	482±5mm	228±5mm	0.15

Pre and Post Change Summary – Desiccant

ASE9	OSE
64L VQFN 9x9x1mm & 100 LQFP 14x14x1.4mm	
	 OR 
Desiccant each unit is 33 g	Desiccant each unit is 33 g

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Pre and Post Change Summary – Humidity Indicator Card (HIC)

ASE9	OSE
64L VQFN 9x9x1mm & 100 LQFP 14x14x1.4mm	
	 OR 
▪ 3 Dots (5%, 10%, 60%) ▪ Cobalt Free	▪ 3 Dots (5%, 10%, 60%) ▪ Cobalt Free

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Pre and Post Change Summary – Tray (Packing Method)

64L VQFN 9x9x1mm & 100 LQFP 14x14x1.4mm

ASE9



Inner box	
Drawing number	Dimension W x L x H (cm)
M02-012	16.2x37.1x8.8

OSE

Pin 1 Orientation / Tray Bundling	Inner Box Packing
1. Pin 1 Orientation – near tray chamfer 2. Tray Bundling > 10 full trays + 1 empty tray cover > PP Strapping: 3 crosswise & 1 lengthwise  3. Moisture Barrier Bag Labels 	4. Wrap bag with bubble pack  5. Tray Box Packing  **Inner Box Tray: 16.2x37.1x8.8 cm**

Inner box	
Drawing number	Dimension W x L x H (cm)
DWG-M02-012	16.2x37.1x8.8