



## Product Change Notification / ASER-11ZWRV458

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**Date:**

21-Oct-2022

**Product Category:**

FPGA Configuration Memory

**PCN Type:**

Manufacturing Change

**Notification Subject:**

CCB 5295 Initial Notice: Qualification of MTAI as a new final test site for selected AT17LVxxx device family available in 8L PDIP (.300in) package.

**Affected CPNs:**

[ASER-11ZWRV458\\_Affected\\_CPN\\_10212022.pdf](#)

[ASER-11ZWRV458\\_Affected\\_CPN\\_10212022.csv](#)

**Notification Text:**

**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 MTAI as a new final test site for selected AT17LVxxx device family available in 8L PDIP (.300in) package.

**Pre and Post Change Summary:**

	Pre Change	Post Change
Final Test Site	Amkor Technology	Microchip

	Philippines (P3/P4), INC. (ATP7)	Technology Thailand (MTAI)
Pin 1 Orientation	Towards White Pin	Towards White Pin
BQM	50	50
Tube per Bag	50	40
Pin Color	Black/White	Black/White
Tube Drawing	Minor dimensional changes. See Pre and Post Change Summary attachment for comparison.	
Packing Method	See Pre and Post Change Summary attachment for comparison.	

**Impacts to Data Sheet:**None

**Change Impact:**None

**Reason for Change:**To improve manufacturability by qualifying MTAI as a new final test site.

**Change Implementation Status:**In Progress

**Estimated Qualification Completion Date:**December 2022

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.

**Time Table Summary:**

	October 2022					>	December 2022				
Workweek	4 1	4 2	4 3	4 4	4 5		4 9	5 0	5 1	5 2	5 3
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:**October 14, 2022: Issued initial notification.

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

## **Attachments:**

[PCN\\_ASER-11ZWRV458\\_Pre and Post Change\\_Summary.pdf](#)

[PCN\\_ASER-11ZWRV458\\_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.



## **QUALIFICATION PLAN SUMMARY**

**PCN #: ASER-11ZWRV458**

**Date:  
September 5, 2022**

**Qualification of MTAI as a new final test site for selected  
AT17LVxxx device family available in 8L PDIP (.300in)  
package.**

**Purpose:** Qualification of MTAI as a new final test site for selected AT17LVxxx device family available in 8L PDIP (.300in) package.

**CCB No.:** 5295

Test / Evaluation	Test Conditions / Parameters
Yield Comparison	<ul style="list-style-type: none"><li>• 1000 units through below flow at MTAI<ul style="list-style-type: none"><li>○ 100% FT@85C. Acceptance: Delta yield &lt; 1% compare with ATP7</li><li>○ QC Sampling @25C. Acceptance: Zero failure or reasonable EFA data</li></ul></li></ul>

# CCB 5295

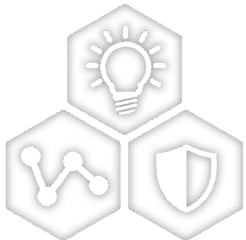
## Pre and Post Change Summary

### PCN# ASER-11ZWRV458



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SMART | CONNECTED | SECURE

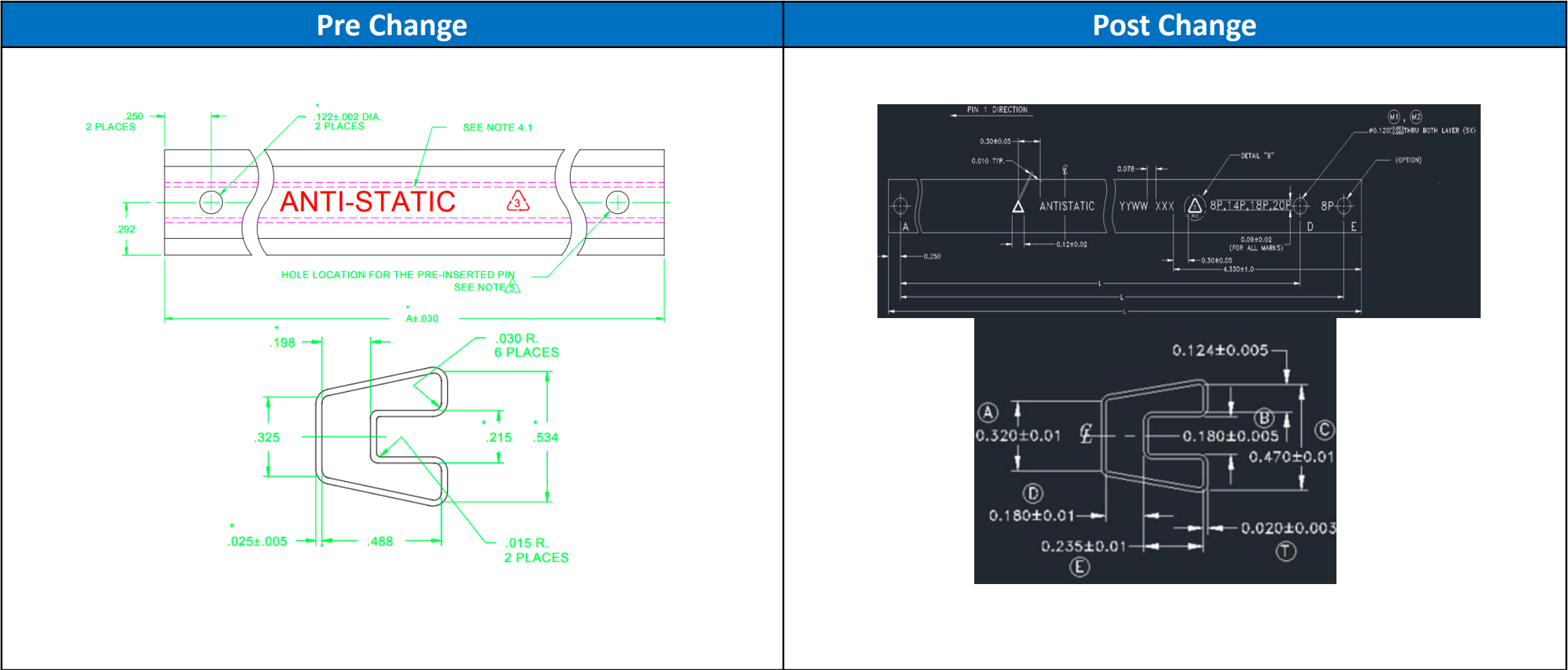
# Tube Comparison – BQM and Pin 1 Orientation

Media

Pin1 Side

TUBE

# Tube Comparison



Scan&Pack Plant	Tube From	Tube Length (inch)	Center Hole A to Center Hole D (inch)	A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	T (inch)	Color
ATP7	ANAP	20.00 +/-0.030	19.50 +/- 0.030	0.325 +/-0.010	0.215 +/-0.010	0.534 +/-0.010	0.198 +/-0.010	0.290 +/-0.010	0.025+/-0.005	Transparent Clear
MTAI	MMT	20.33 +/-0.025	19.28 +/- 0.050	0.320 +/-0.010	0.180 +/-0.005	0.470 +/-0.010	0.180 +/-0.010	0.235 +/-0.010	0.020 +/-0.003	Transparent Clear

## Tube Comparison – Packing Method

## Pre Change

Subject: Microchip Tube Non Dry Pack Procedure				
Objective: To provide guidelines on how to Pack Tube (MSL-1) lots.				
Activity Flow	Work Procedure	How to do (Refer to photo)	Highlight Specific Item	Responsible
3	Placement in Box	<p>Pin 1 side at Label box side</p> <p>For PDIP</p> <p>Pin 1 side at Label box side</p>	a. Placed the wrapped bag with Tube inside the box. b. If Box tube size PDIP is already full no need to put bubble bag.	Pack Operator
4	Seal Box	<p>transparent tape</p>	Seal Box with transparent tape.	Pack Operator
5	Label Placement in reel	<p>QA STAMP</p>	a. Place barcode label on the right side. b. QA stamp will be half. Refer on photo	Pack Operator

Bag - BAG STATIC SHIELD 12INCHX25INCH  
Inner Box - BOX, M02-010 12.9x56.5x8 BX

## Post Change



Bag type	Dimension
Antistatic Pink Gusset	140 x 760mm

(No inner box)

Carton	Dimension W x L x H (cm)	Number of Bag/carton
M01-020 (PD)	15x71.5x5	1
M01-021 (PI )	17x65x8	1
M01-022 (PP)	15.5x62x14	2
M01-023 (PT)	22.5x63x16.5	3
M01-024 (P4)	32x63x15.5	4
M01-034 (P5)	36x63x16.5	5

ASER-11ZWRV458 - CCB 5295 Initial Notice: Qualification of MTAI as a new final test site for selected A

Affected Catalog Part Numbers(CPN)

AT17LV256-10PU

AT17LV010-10PU

AT17LV010A-10PU

AT17LV512A-10PU