



## Product Change Notification: CAAN-23LVPD603

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### Date:

03-Apr-2025

### Product Category:

Simple and Complex Programmable Logic

### Notification Subject:

CCB 7196.018 Final Notice: Qualification of MTAI as a new final test site for ATF22LV10C-10PU, ATF22LV10CQZ-30PU, ATF22V10C-10PU, ATF22V10C-15PU, ATF22V10C-7PX, ATF22V10CQZ-20PU, ATF750C-10PU, ATF750C-7PX, ATF750CL-15PU and ATF750LVC-15PU catalog part numbers (CPN) available in 24L SPDIP (.300in) package.

### Affected CPNs:

[CAAN-23LVPD603\\_Affected\\_CPN\\_04032025.pdf](#)

[CAAN-23LVPD603\\_Affected\\_CPN\\_04032025.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:** Qualification of MTAI as a new final test site for ATF22LV10C-10PU, ATF22LV10CQZ-30PU, ATF22V10C-10PU, ATF22V10C-15PU, ATF22V10C-7PX, ATF22V10CQZ-20PU, ATF750C-10PU, ATF750C-7PX, ATF750CL-15PU and ATF750LVC-15PU catalog part numbers (CPN) available in 24L SPDIP (.300in) package.

### Pre and Post Summary Changes:

	Pre Change	Post Change
<b>Final Test Site</b>	Microchip Technology Operations (Phils.) Corp. (MPHL)	Microchip Technology Thailand (HQ) (MTAI)

<b>Packing Method/Material</b>	See pre and post change summary for comparison.
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**Impacts to Datasheet:** None

**Change Impact:** None

**Reason for Change:** To improve on-time delivery performance by qualifying MTAI as a new final test site.

**Change Implementation Status:** In Progress

**Estimated First Ship Date:** 10 April 2025 (date code: 2515)

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

**Timetable Summary:**

	<b>March 2025</b>				<b>April 2025</b>				
<b>Work Week</b>	10	11	12	13	14	15	16	17	18
<b>Qual Report Availability</b>				X					
<b>Final PCN Issue Date</b>				X					
<b>Estimated Implementation Date</b>						X			

**Method to Identify Change:** Traceability Code

**Qualification Report:** Please open the attachments included with this PCN labeled as PCN\_#\_Qual\_Report.

**Revision History:** March 27, 2025: Issued final notification.

April 03, 2025: Re-issued final notification to update estimated first ship date to April 10, 2025.

**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\_CAAN-23LVPD603 Qual Report.pdf**

**PCN\_CAAN-23LVPD603\_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.

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Affected Catalog Part Numbers (CPN)

ATF22LV10C-10PU

ATF22LV10CQZ-30PU

ATF22V10C-10PU

ATF22V10C-15PU

ATF22V10C-7PX

ATF22V10CQZ-20PU

ATF750C-10PU

ATF750C-7PX

ATF750CL-15PU

ATF750LVC-15PU



# **QUALIFICATION REPORT SUMMARY**

**PCN #: CAAN-23LVPD603**

**Date:  
March 21, 2025**

**Qualification of MTAI as a new final test site for  
ATF22LV10C-10PU, ATF22LV10CQZ-30PU, ATF22V10C-10PU,  
ATF22V10C-15PU, ATF22V10C-7PX, ATF22V10CQZ-20PU,  
ATF750C-10PU, ATF750C-7PX, ATF750CL-15PU and  
ATF750LVC-15PU catalog part numbers (CPN) available in  
24L SPDIP (.300in) package.**

**Purpose:** Qualification of MTAI as a new final test site for ATF22LV10C-10PU, ATF22LV10CQZ-30PU, ATF22V10C-10PU, ATF22V10C-15PU, ATF22V10C-7PX, ATF22V10CQZ-20PU, ATF750C-10PU, ATF750C-7PX, ATF750CL-15PU and ATF750LVC-15PU catalog part numbers (CPN) available in 24L SPDIP (.300in) package.

**CCB No.:** 7196.018

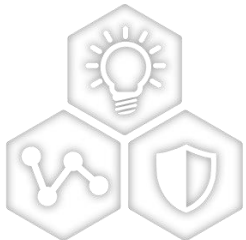
Test / Evaluation	Test Conditions / Parameters	Result
Test Correlation	<ul style="list-style-type: none"><li>Run 3K both test sites (FT + 100%QC)<ul style="list-style-type: none"><li>-Delta yield &lt; 1%</li><li>-All rejects must match Bin2Bin or PE/TE approval</li></ul></li></ul>	Passed
Parametric Characterization	<ul style="list-style-type: none"><li>Characterize minimum of 33 good devices using the production test program with DC items and measurable functional test items.<ul style="list-style-type: none"><li>-Accept if Variant within 10% or explainable</li></ul></li></ul>	Passed

**CCB 7196.018**  
**Pre and Post Change Summary**  
**PCN #:CAAN-23LVDPD603**



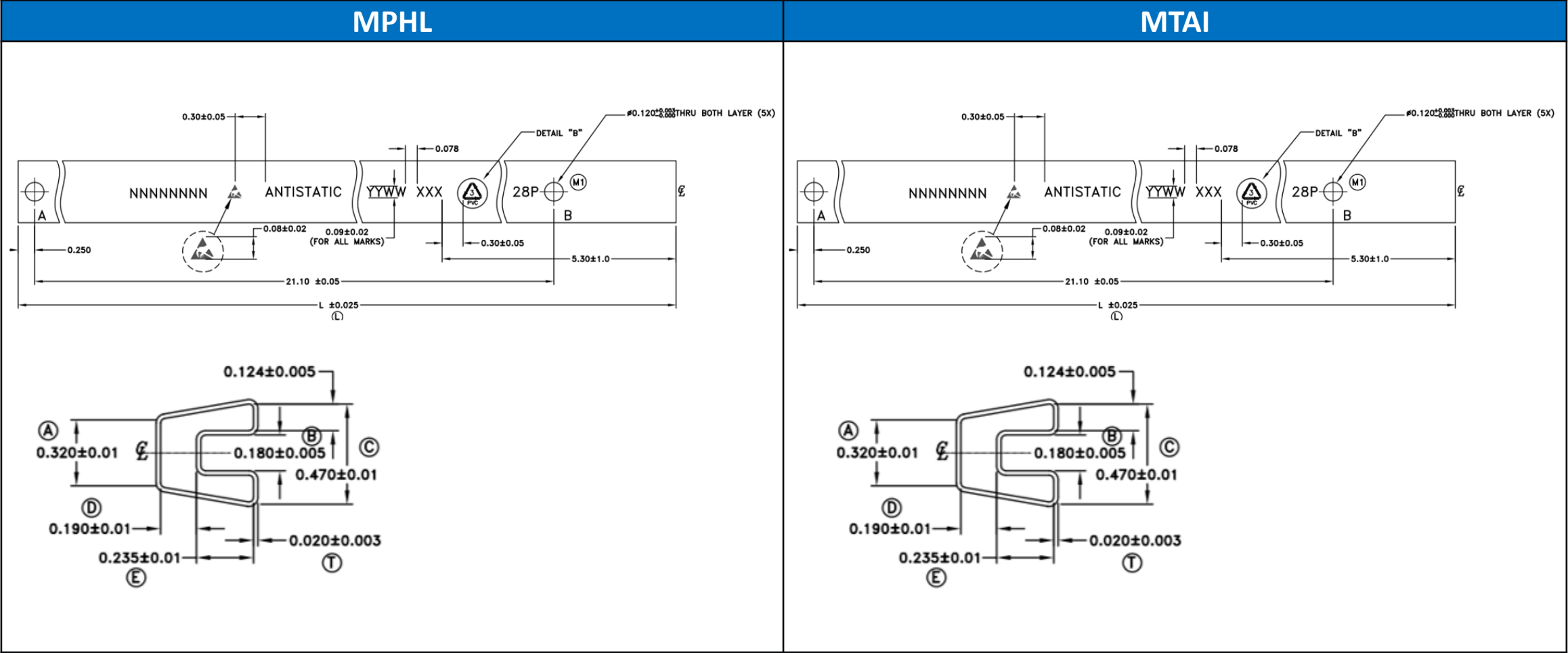
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SMART | CONNECTED | SECURE

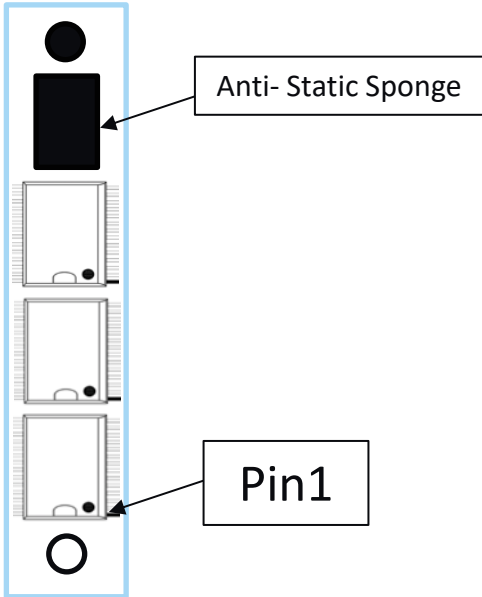
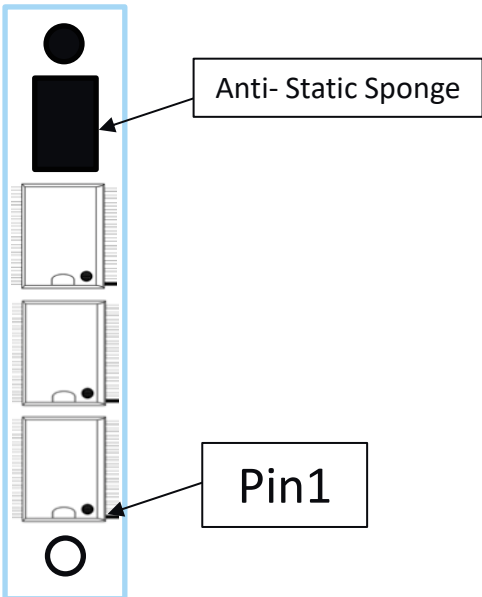
# Pre and Post Change Summary - TUBE



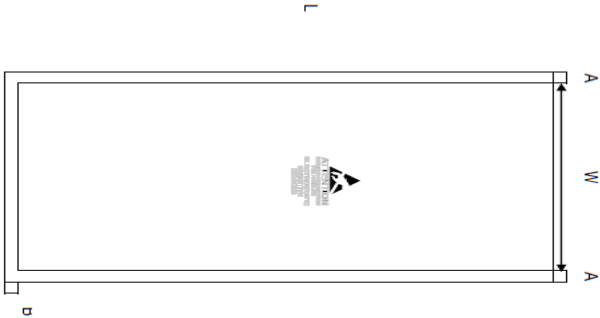

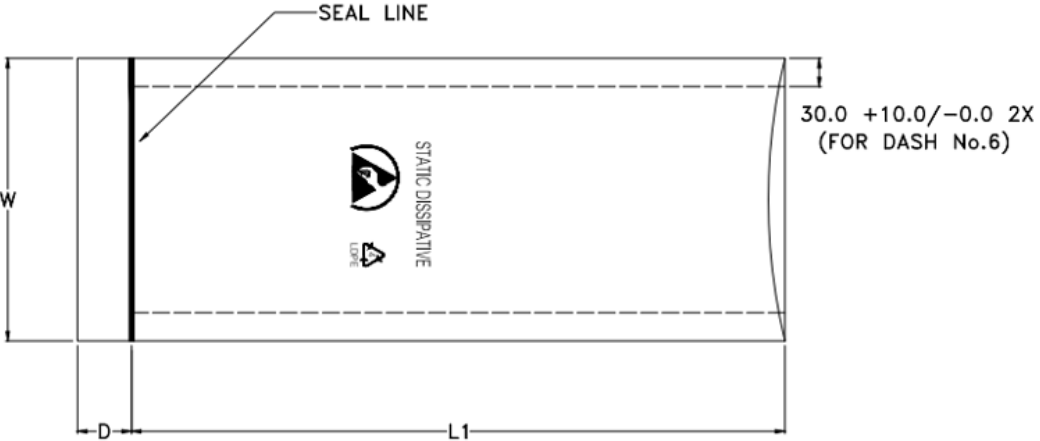

Location	Tube Length (inch)	Hole Usage	Tube Length between Hole Usage	Unit per Tube	Tube per Bag	Tube Color
MPHL	24.00 +/- 0.025	Hole A to Hole B	21.10 +/- 0.05	15	50	Transparent Clear
MTAI	24.00 +/- 0.025	Hole A to Hole B	21.10 +/- 0.05	15	50	Transparent Clear



# Pre and Post Change Summary - Pin Color TUBE

MPHL	MTAI												
 <p>Diagram of the MPHL tube assembly. It shows a vertical stack of components within a blue-outlined tube. At the top is a black circle. Below it is a black rectangular block labeled "Anti- Static Sponge". Underneath are three white rectangular components, each with a small black dot on its right side. The bottom-most of these is labeled "Pin1". At the very bottom of the tube is a white circle.</p>	 <p>Diagram of the MTAI tube assembly. It shows a vertical stack of components within a blue-outlined tube. At the top is a black circle. Below it is a black rectangular block labeled "Anti- Static Sponge". Underneath are three white rectangular components, each with a small black dot on its right side. The bottom-most of these is labeled "Pin1". At the very bottom of the tube is a white circle.</p>												
<table><tr><th>Media</th><th>Pin1 Side Color</th><th>Opposite Side Color</th></tr><tr><td>Pin</td><td>White</td><td>Black</td></tr></table>	Media	Pin1 Side Color	Opposite Side Color	Pin	White	Black	<table><tr><th>Media</th><th>Pin1 Side Color</th><th>Opposite Side Color</th></tr><tr><td>Pin</td><td>White</td><td>Black</td></tr></table>	Media	Pin1 Side Color	Opposite Side Color	Pin	White	Black
Media	Pin1 Side Color	Opposite Side Color											
Pin	White	Black											
Media	Pin1 Side Color	Opposite Side Color											
Pin	White	Black											

# Pre and Post Change Summary - Tube Bag


MPHL	MTAI
<div></div> <div></div>	<div></div> <div></div>

Plant	Bag type	Length (mm)	Width (mm)	Thickness (mm)
MPHL	Static Shielding Bag (Gray)	762 +/- 10	228 +/- 10	0.08 +/-0.01
MTAI	Antistatic Pink Gusset	760 +10/-5	140 +10/-0	0.100 +/- 0.01

# Pre and Post Change Summary - Tube Packing Method (Non-Dry Pack)

MPHL

ESD label use for seal




Open Side of Bag

Intermediate Barcode Label


(No inner box)

MTAI

Pink Anti-Static Bag



LABEL (MS-15068-9)



(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