



## Product Change Notification / KSRA-09NSTT965

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**Date:**

20-Jul-2020

**Product Category:**

Simple and Complex Programmable Logic

**PCN Type:**

Manufacturing Change

**Notification Subject:**

CCB 4251 Initial Notice: Qualification of MTAI as an additional final test site for selected Atmel ATF16V8Bxx device family available in 20L PDIP package.

**Affected CPNs:**

[KSRA-09NSTT965\\_Affected\\_CPN\\_07202020.pdf](#)  
[KSRA-09NSTT965\\_Affected\\_CPN\\_07202020.csv](#)

**Notification Text:****PCN Status:**

Initial notification

**PCN Type:** Manufacturing Change

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

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

**Description of Change:** Qualification of MTAI as an additional final test site for selected Atmel ATF16V8Bxx device family available in 20L PDIP package.

**Pre Change:**

Tested at MPHL final test site

**Post Change:**

Tested at MPHL or MTAI final test site

**Pre and Post Change Summary:**

		Pre Change	Post Change	
<b>Final Test</b>		Microchip Technology Operations (Philippines) Corporation / MPHL	Microchip Technology Operations (Philippines) Corporation / MPHL	Microchip Technology Thailand (HQ) / MTAI
<b>Base Quantity Multiple (BQM)</b>	<b>Tube</b>	18	18	18
<b>Pin Orientation</b>		Quadrant 1	Quadrant 1	Quadrant 1
<b>Tube Dimension</b>		Minor dimensional changes. See pre and post change comparison		
<b>Packaging Process</b>		Minor dimensional changes. See pre and post change comparison		

**Impacts to Data Sheet:** None

**Change Impact:**None

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

**Change Implementation Status:**In Progress

**Estimated Qualification Completion Date:**July 2020

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:**

	July 2020					August 2020				
Workweek	2 7	2 8	2 9	3 0	3 1	3 2	3 3	3 4	3 5	3 6
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:** July 20, 2020: 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\\_KSRA-09NSTT965\\_Pre and Post Change Summary.pdf](#)  
[PCN\\_KSRA-09NSTT965\\_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.

# PCN#:KSRA-09NSTT965

## CCB 4251 PRE AND POST CHANGE SUMMARY



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

**Qualification of MTAI as an additional final test site for selected Atmel  
ATF16V8Bxx device family available in 20L PDIP package..**

May 28, 2020

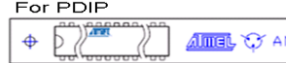


SMART | CONNECTED | SECURE

# Standard Base Qty per Media

ITEM	CPN	PKGDESC	PACKING MEDIA	MPHL BQM Per media	MTAI Standard BQM
1	ATF16V8B-15PU	20L PDIP	TUBE	18	18
2	ATF16V8BQL-15PU	20L PDIP	TUBE	18	18

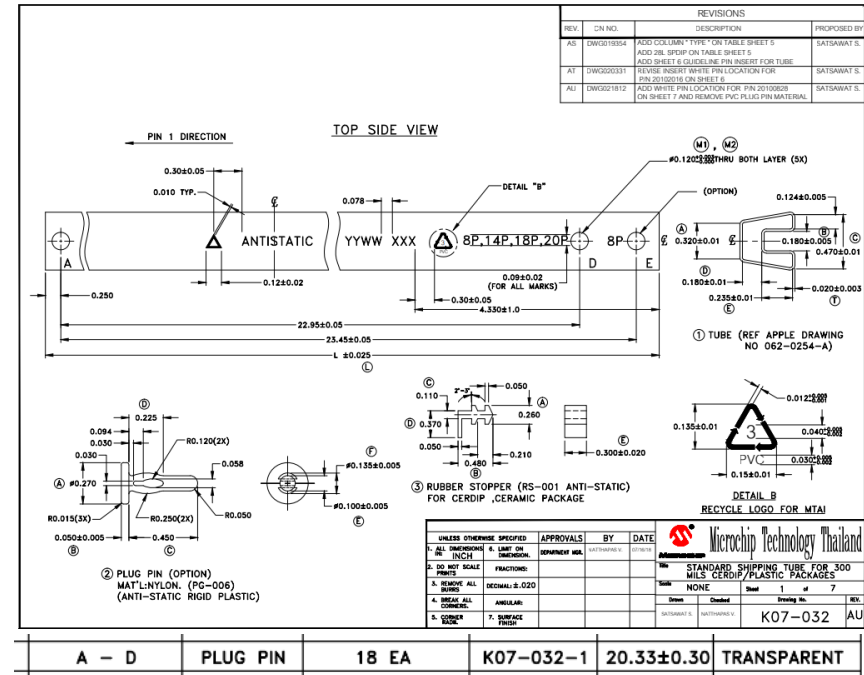
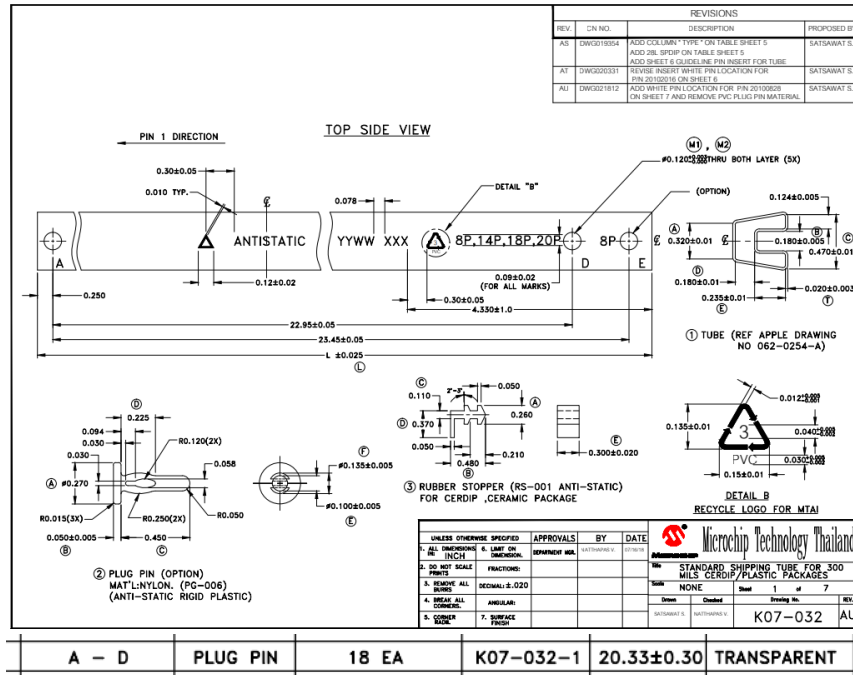
# Pin1 Orientation Direction

ITEM	CPN	PKGDESC	PACKING MEDIA	MPHL Pin1 (per MPC)	MTAI Standard Pin1	Remark
1	ATF16V8B-15PU	20L PDIP	TUBE	"A" Antistatic Marking	White Pin	Atmel Pin1 
2	ATF16V8BQL-15PU	20L PDIP	TUBE	"A" Antistatic Marking	White Pin	Atmel Pin1

# TUBE for G6X 20L PDIP 0.300in

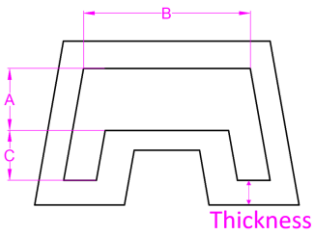
## MPHL

## MTAI



20L PDIP\_MCHP\_P/N\_20102015

20L PDIP\_MCHP\_P/N\_20102015



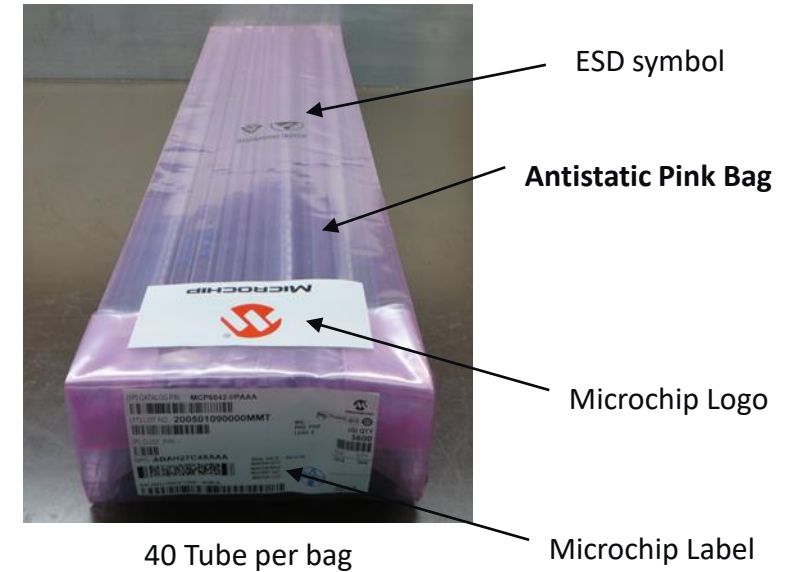
Plant	Dimension A	Dimension B	Dimension C	Length	Thickness	Color
MPHL	0.180+/-0.01in	0.320+/-0.01in	0.235+/-0.01in	20.33 in	0.020+/-0.003in	Transparent
MTAI	0.180+/-0.01in	0.320+/-0.01in	0.235+/-0.01in	20.33 in	0.020+/-0.003in	Transparent

# TUBE Packing method for Package G6X 20L PDIP 0.300in (MSL: N/A)

## MPHL



## MTAI



### Carton 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





**MICROCHIP**

**QUALIFICATION PLAN SUMMARY**

**PCN #: KSRA-09NSTT965**

**Date**

**May 15, 2020**

**Qualification of MTAI as an additional final test site for  
selected Atmel ATF16V8Bxx device family available in 20L  
PDIP package.**

**Purpose:** Qualification of MTAI as an additional final test site for selected Atmel ATF16V8Bxx device family available in 20L PDIP package.

**CCB No.:** 4251

Test / Evaluation	Test Conditions / Parameters
Parametric comparison	<ul style="list-style-type: none"><li>• 33 units</li><li>• FT at hot temperature.</li><li>• Accept 10% variance.</li></ul>
Correlation run	<ul style="list-style-type: none"><li>• 3k units</li><li>• 100% test for FT (hot) and QC (room).</li><li>• Accept 0.1% bin to bin for FT and 100% match for QC.</li><li>• Reasonable EFA is required for the mismatch or PE/TE approval</li></ul>
Cross correlation run	<ul style="list-style-type: none"><li>• 33 units</li><li>• 100% test for FT (hot) and QC (room).</li><li>• Accept 0.1% bin to bin for FT and 100% match for QC.</li><li>• Reasonable EFA is required for the mismatch or PE/TE approval</li></ul>

Affected Catalog Part Numbers (CPN)

ATF16V8B-15PU

ATF16V8BQL-15PU