



Product Change Notification / KSRA-09NSTT965

Date:

10-Sep-2020

Product Category:

Simple and Complex Programmable Logic

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4251 Final 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_09102020.pdf](#)
[KSRA-09NSTT965_Affected_CPN_09102020.csv](#)

Notification Text:

PCN Status:

Final 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	
Final Test		Microchip Technology Operations (Philippines) Corporation / MPHL	Microchip Technology Operations (Philippines) Corporation / MPHL	Microchip Technology Thailand (HQ) / MTAI
Base Quantity Multiple (BQM)	Tube	18	18	18
Pin 1 Orientation		"A" Antistatic Marking	"A" Antistatic Marking	White Pin
Tube Dimension		No dimensional changes. See pre and post change comparison		
Packaging Process		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 First Ship Date:October 10, 2020 (date code: 2041)

Time Table Summary:

	July 2020					→	September 2020					October 2020			
	27	28	29	30	31		36	37	38	39	40	41	42	43	44
Initial PCN Issue Date				X											
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: July 20, 2020: Issued initial notification.

September 10, 2020: Issued final notification. Updated Pre and Post Change Summary. Attached the Qualification Report. Provided estimated first ship date to be on October 10, 2020.

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 Report.pdf](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

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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)

ATF16V8B-15PU

ATF16V8BQL-15PU

PCN#:KSRA-09NSTT965

CCB 4251 PRE AND POST CHANGE SUMMARY



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



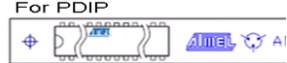
SMART | CONNECTED | SECURE

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

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

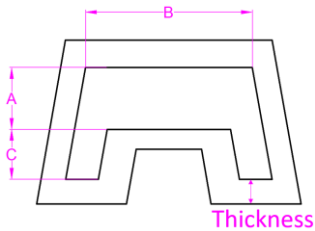
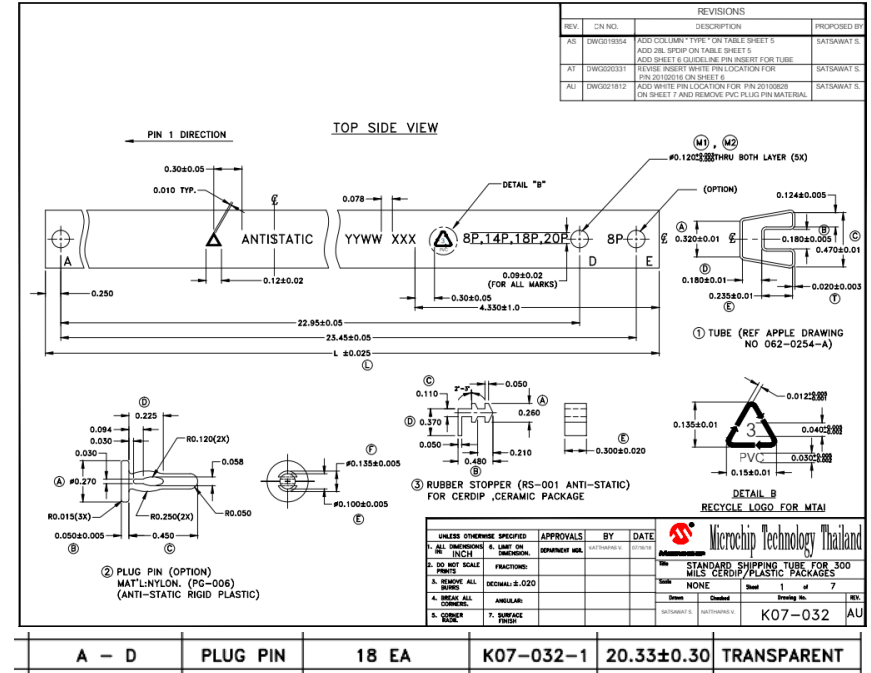
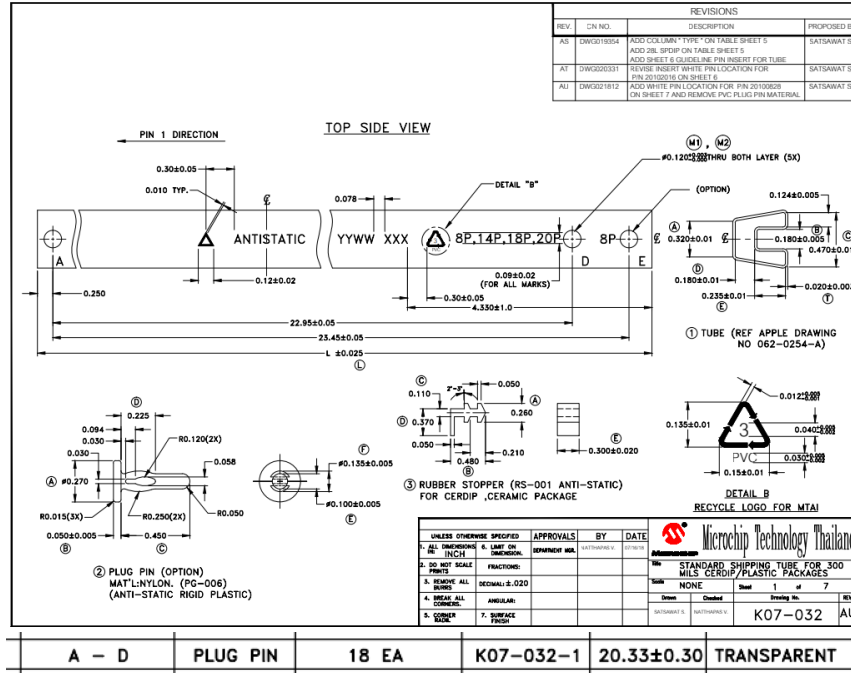
Pin1 Orientation Direction

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

MPHL

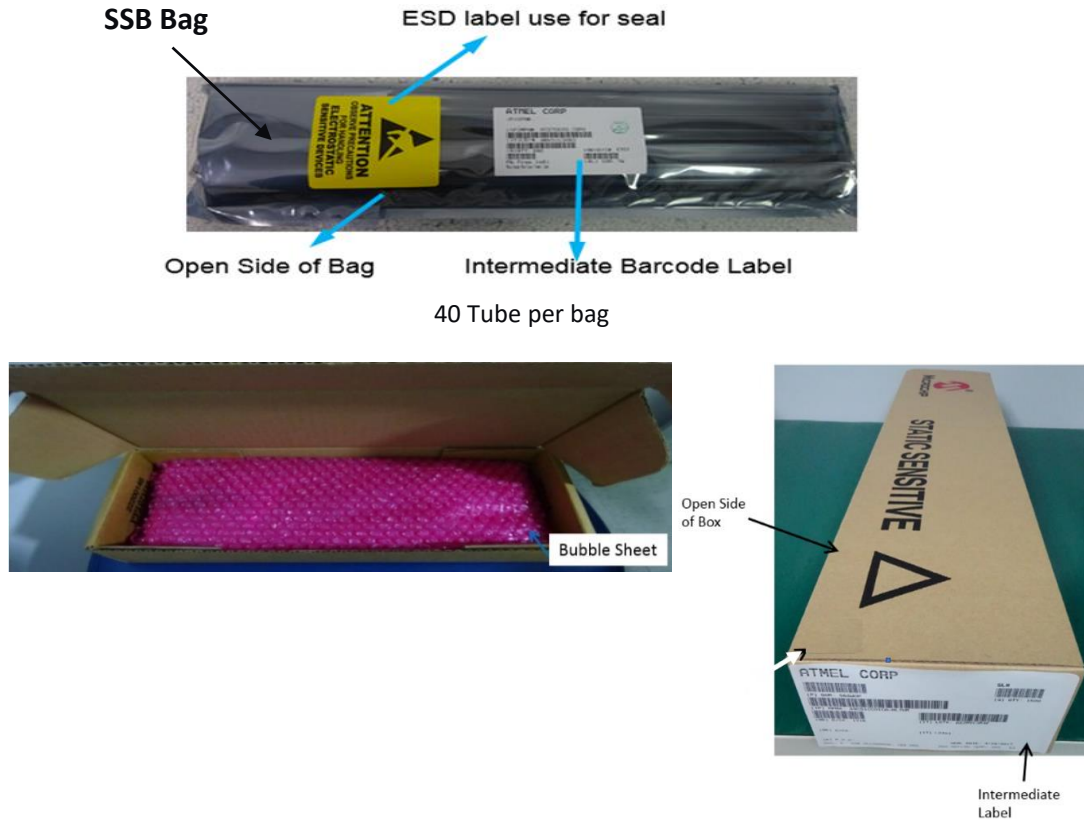
MTAI



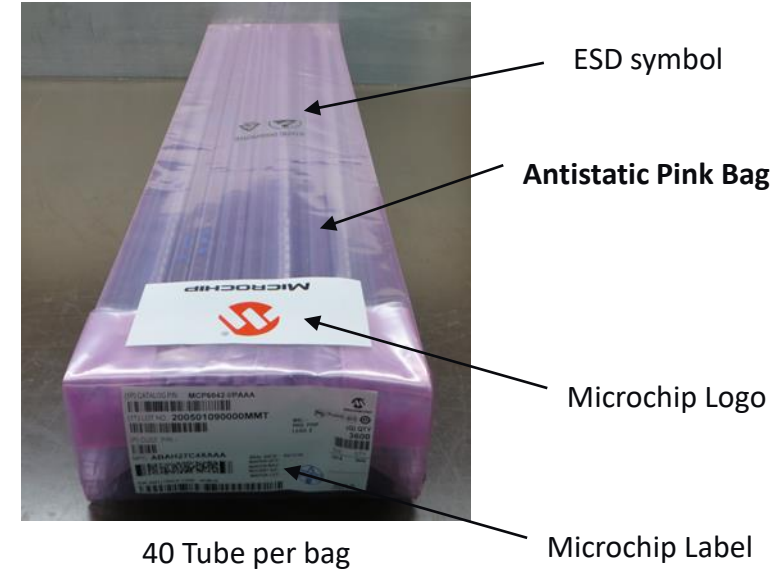
Plant	Dimension A	Dimension B	Dimension C	Length	Thickness	Color
MPHL	0.180+/-0.01in	0.320+/-0.01in	0.235+/-0.01in	20.33 in	0.020+/-0.003in	Transparent
MTAI	0.180+/-0.01in	0.320+/-0.01in	0.235+/-0.01in	20.33 in	0.020+/-0.003in	Transparent

TUBE Packing method for Package

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



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QUALIFICATION REPORT SUMMARY

PCN #: KSRA-09NSTT965

Date

July 13, 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	RESULT
Parametric comparison	<ul style="list-style-type: none">• 33 units• FT at hot temperature.• Accept 10% variance.	PASS
Correlation run	<ul style="list-style-type: none">• 3k units• 100% test for FT (hot) and QC (room).• Accept 0.1% bin to bin for FT and 100% match for QC.• Reasonable EFA is required for the mismatch or PE/TE approval	PASS
Cross correlation run	<ul style="list-style-type: none">• 33 units• 100% test for FT (hot) and QC (room).• Accept 0.1% bin to bin for FT and 100% match for QC.• Reasonable EFA is required for the mismatch or PE/TE approval	PASS