



Product Change Notification / CAAN-03WBMN634

Date:

07-Nov-2023

Product Category:

Capacitive Touch Sensors

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6669 Final Notice: Qualification of MTAI as a new scan and pack site for selected CAP1293 and CAP1203 device families available in 8L SOIC (.150in) package.

Affected CPNs:

[CAAN-03WBMN634_Affected_CPN_11072023.pdf](#)

[CAAN-03WBMN634_Affected_CPN_11072023.csv](#)

Notification Text:

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 scan and pack site for selected CAP1293 and CAP1203 device families available in 8L SOIC (.150in) package.

Pre and Post Change Summary:

	Pre Change	Post Change

Scan/Pack Site		Sigurd – Taiwan (ASSEMBLY & TEST) (SIGT)	Microchip Technology Thailand (HQ) (MTAI)
Tape and Reel	Base Quantity Multiple (BQM)	3300	3300
	Pin 1 Orientation	Quadrant 1	
Carrier tape		With minor dimensional change. See Pre and Post Change comparison.	
Cover Tape		With dimensional changes. See Pre and Post Change comparison.	
Plastic Reel	Color	White	Dark Blue
	Dimension	With minor dimensional change. See Pre and Post Change comparison.	
Packing Method		See Pre and Post Change comparison.	

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve cycle time and on-time delivery performance by qualifying MTAI as a new scan and pack site.

Change Implementation Status:In Progress

Estimated First Ship Date:November 30, 2023 (date code: 2348)

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

Time Table Summary:

	November 2023				
Workweek	44	45	46	47	48
Final PCN Issue Date		x			

Estimated Implementation Date					X
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Method to Identify Change:Traceability code

Qualification Report:Not applicable.

Revision History:November 7, 2023: Issued final 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_CAAN-03WBMN634_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.

Affected Catalog Part Numbers (CPN)

CAP1293-1-SN

CAP1203-1-SN

CAP1293-1-SN-TR

CAP1293-2-SN-TR

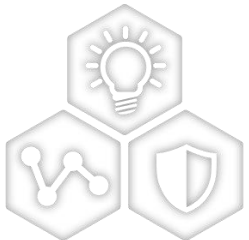
CAP1203-1-SN-TR

CAP1203-2-SN-TR

CCB 6669
Pre and Post Change Summary
PCN #: CAAN-03WBMN634



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



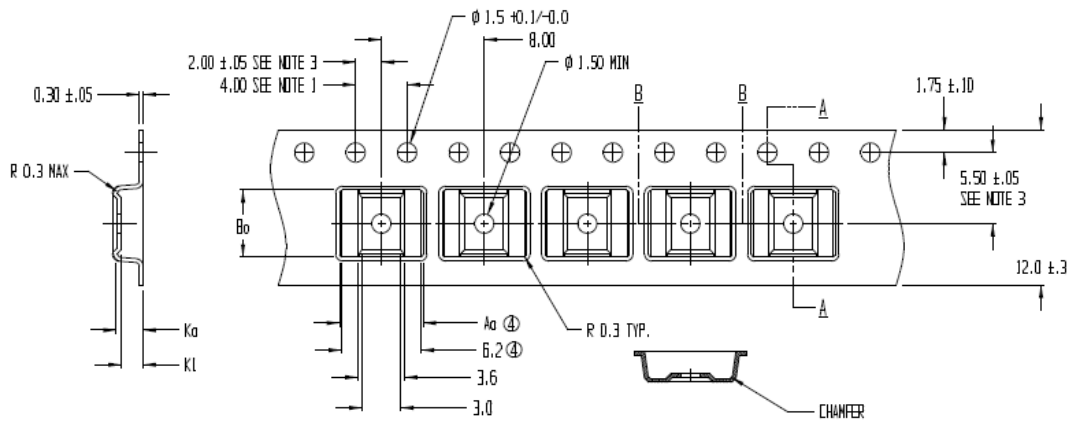
SMART | CONNECTED | SECURE

Tape and Reel

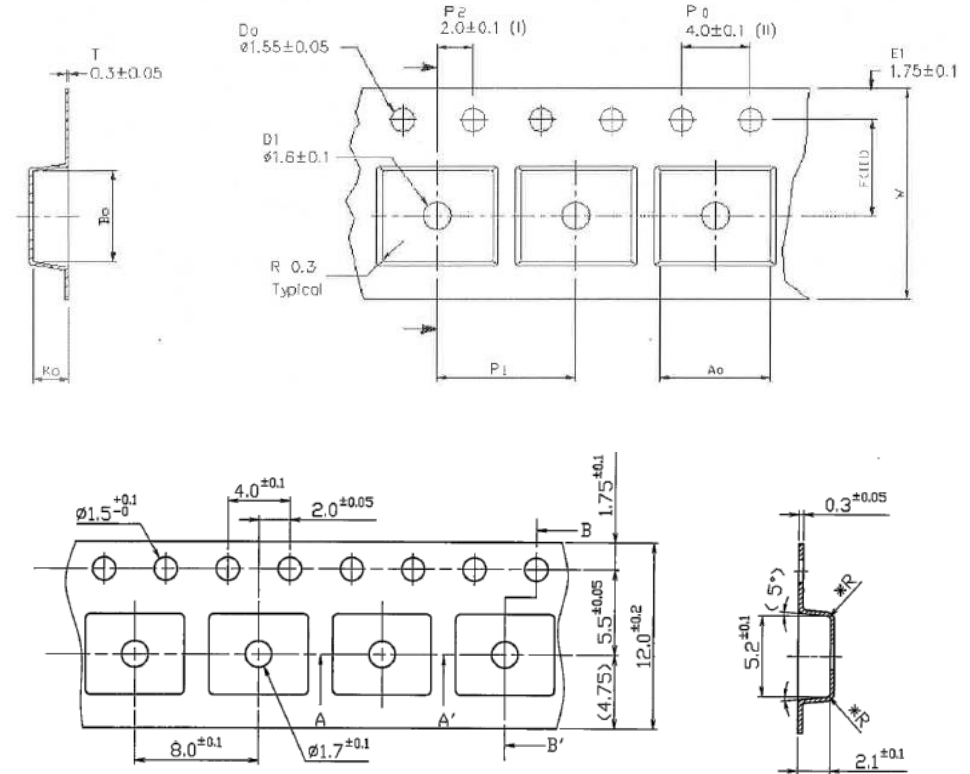
	SIGT	MTAI
Base Quantity Multiple (BQM)	3300	3300
Pin 1 orientation	Quadrant 1	Quadrant 1

Carrier Tape

SIGT



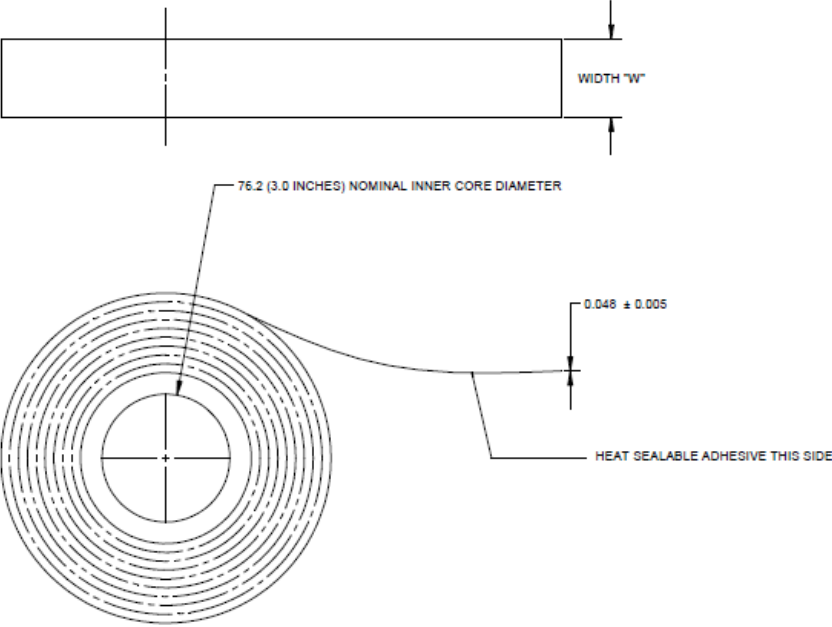
MTAI



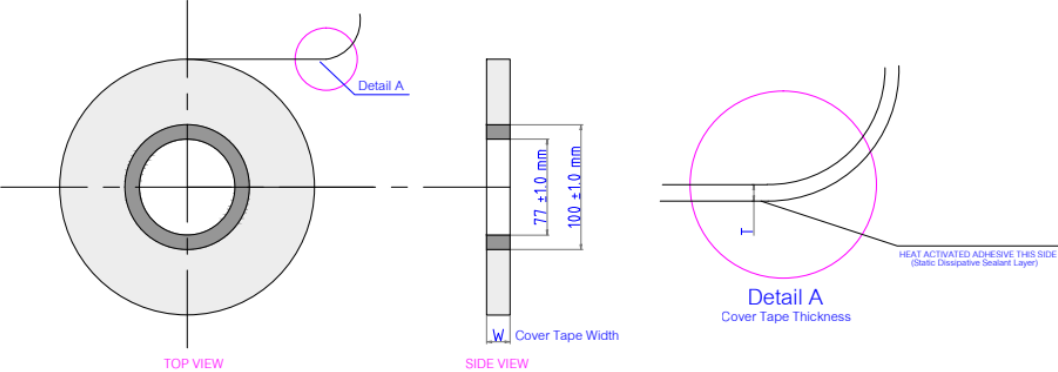
Plant	W (mm.)	P (mm.)	A0 (mm.)	B0 (mm.)	K0 (mm.)	K1 (mm.)	Thickness
MTAI	12.00 ±0.30	8.00 ±0.10	6.40 ±0.10	5.20 ±0.10	2.10 ±0.10	-	0.30
SIGT	12.00 ±0.30	8.00 ±0.10	6.50 ±0.10	5.20 ±0.10	2.10 ±0.10	1.70 ±0.10	0.30±0.05

Cover Tape

SIGT



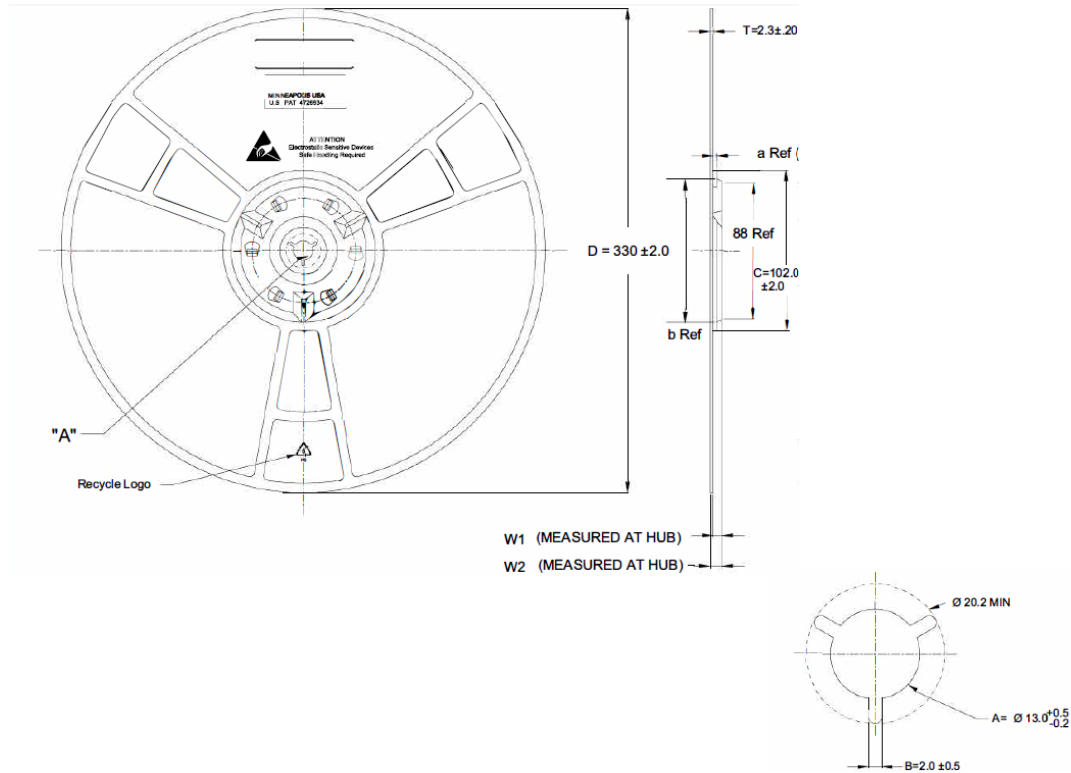
MTAI



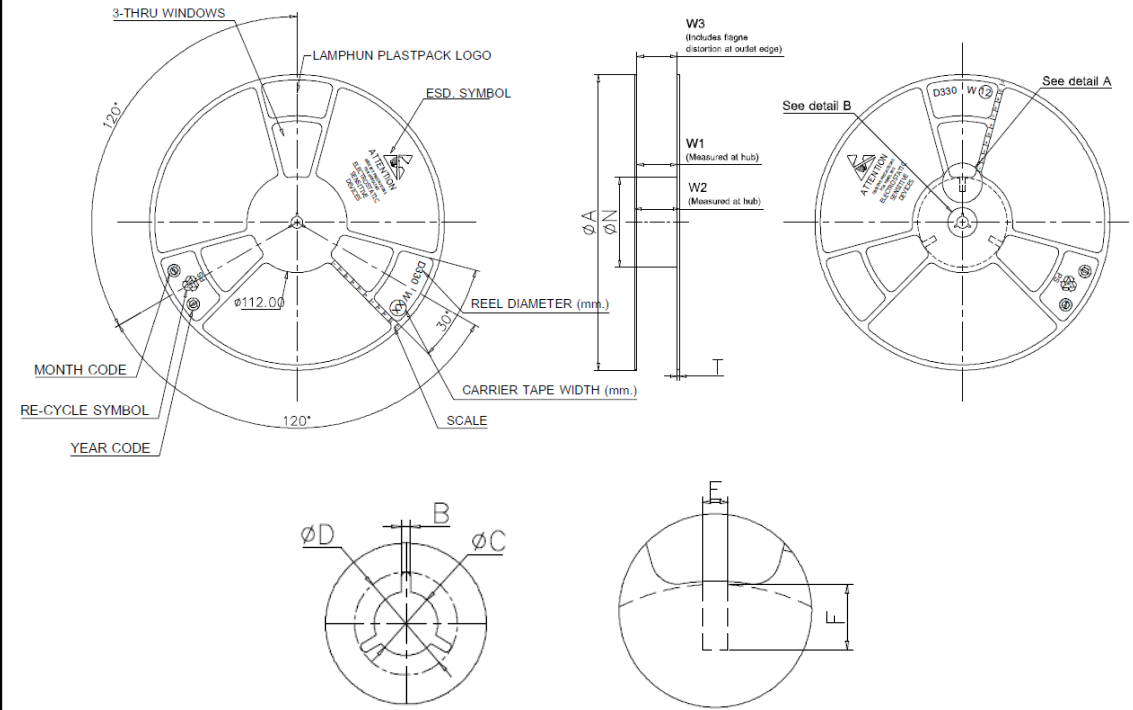
Plant	Width W (mm.)	Thickness T (mm.)	Color	Sealing Methodology
MTAI	9.05 +0.05/-0.15	0.050 ±0.010	Clear	Heat Seal
SIGT	9.20 ± 0.10	0.048 ±0.005	Clear	Heat Seal

Plastic Reel

SIGT



MTAI



Plant	Reel Diameter (mm.)	Reel Hub Size (mm)	Reel Width Max (mm.)	Color
MTAI	330 ± 2.0	100 ± 2.0	18.40	Dark Blue
SIGT	330 ± 2.0	102 ± 2.0	18.40	White

Packing Method

SIGT



BAG WIDTH	BAG LENGTH
415 mm	455 mm

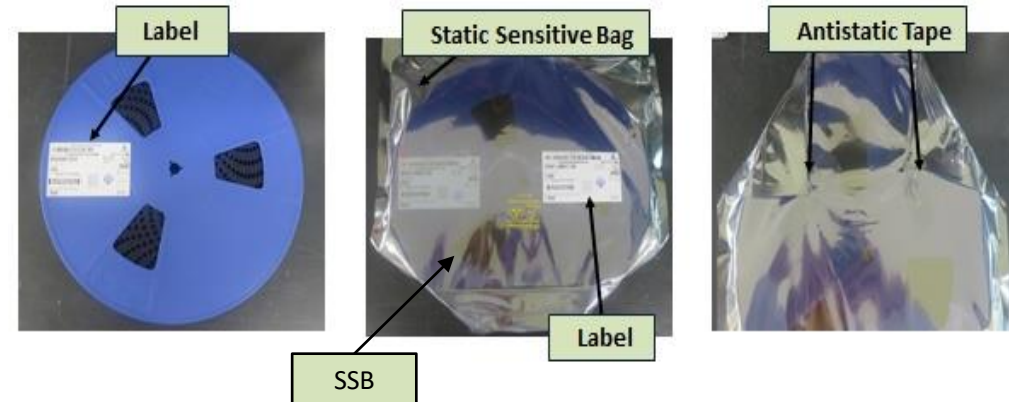


Carton	Dimension W x L x H (cm)	Number of Box/carton
M01-039 (TR)	28.6x37.5x36.2	5
Box	Dimension W x L x H (cm)	
M02-009	34x35.6x5.0	

MTAI



BAG WIDTH	BAG LENGTH
370 mm	420 mm



Carton	Dimension W x L x H (cm)	Number of reel per carton
		Reel diameter (D) = 330mm
		Carrier Tape Width 12mm
M01-011 (TT)	36.5x38x39.5	15
M01-012 (B1)	35.5x35.5x2.8	1
M01-013 (B2)	35.5x35.5x4	2
M01-014 (B3)	35.5x35.5x6	3
M01-015 (B8)	35.5x35.5x16.5	8