



Product Change Notification: CAAN-29FGCF826

Date:

02-Jul-2026

Product Category:

8-Bit Microcontrollers, USB Hubs

Notification Subject:

CCB 8280.001 Initial Notice: Qualification of MTAI as a new final test site for selected SEC1300 device family and new scan and pack site for selected SEC1300, USB2532, USB2533, USB2534 and USB2534D device families available in 36L SQFN (6x6x1.0mm) and 64L QFN (9x9x0.9mm) packages.

Affected CPNs:

[CAAN-29FGCF826_Affected_CPN_07022026.pdf](#)

[CAAN-29FGCF826_Affected_CPN_07022026.csv](#)

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 SEC1300 device family and new scan and pack site for selected SEC1300, USB2532, USB2533, USB2534 and USB2534D device families available in 36L SQFN (6x6x1.0mm) and 64L QFN (9x9x0.9mm) packages.

Pre and Post Summary Changes:

		Pre Change	Post Change	Change (Yes/No)
Final Test Site	Affects SEC1300 device family	Sigurd – Taiwan	Microchip Technology	Yes

		(ASSEMBLY & TEST) (SIGT)	Thailand (HQ) (MTAI)	
	Affects USB2532, USB2533, USB2534 and USB2534D device families	Microchip Technology Thailand (HQ) (MTAI)		
Scan and Pack Site		Sigurd – Taiwan (ASSEMBLY & TEST) (SIGT)	Microchip Technology Thailand (HQ) (MTAI)	Yes
Packing Material/Method		See Pre and Post Change Comparison for Summary		Yes

Impacts to Datasheet: None

Change Impact: None

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

Change Implementation Status: In Progress

Estimated Qualification Completion Date: August 2026

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.

Timetable Summary:

	July 2026					August 2026				
Work Week	27	28	29	30	31	32	33	34	35	36
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 02, 2026: Issued initial notification.

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-29FGCF826 Pre_and Post_Change Summary.pdf](#)

[PCN_CAAN-29FGCF826_QualPlan.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):

USB2534-1050AEN-TR
USB2534-1051AEN-TR
SEC1300-JZX-02G1
SEC1300-JZX-02G1TR
SEC1300-JZX-03G1TR
USB2532-1080AEN
USB2532-1080AEN-TR
USB2532-1081AEN-TR
USB2532I-1080AENTR
USB2532I-1081AEN-TR
USB2534-1080AEN
USB2534-1081AEN
USB2534-1050AEN
USB2534-1051AEN
USB2534I-1080AEN
USB2534I-1081AEN
USB2534I-1050AEN
USB2534I-1051AEN
USB2534-1080AEN-TR
USB2534-1081AEN-TR
USB2532-1081AEN
USB2532I-1080AEN
USB2532I-1081AEN
USB2534I-1080AENTR
USB2534I-1081AEN-TR
USB2534I-1050AENTR
USB2534I-1051AEN-TR
USB2533-1080AEN
USB2533-1081AEN
USB2533I-1080AEN
USB2533I-1081AEN
USB2533-1080AEN-TR

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USB2533-1081AEN-TR

USB2533I-1080AENTR

USB2533I-1081AEN-TR

USB2534D/UDX

USB2534D-I/UDX

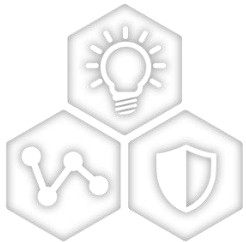
USB2534DT/UDX

USB2534DT-I/UDX

CCB 8280.001
Pre and Post Change Summary
PCN #: CAAN-29FGCF826

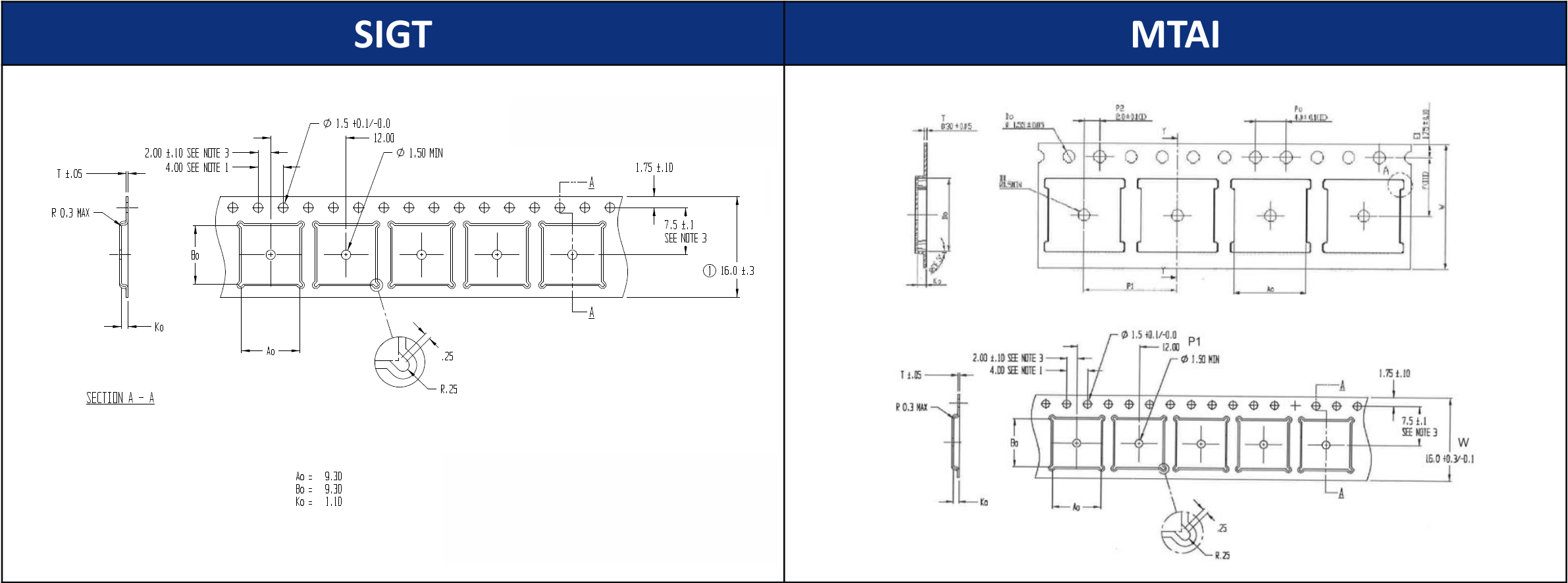


A Leading Provider of Smart, Connected and Secure Embedded Control Solutions



SMART | CONNECTED | SECURE

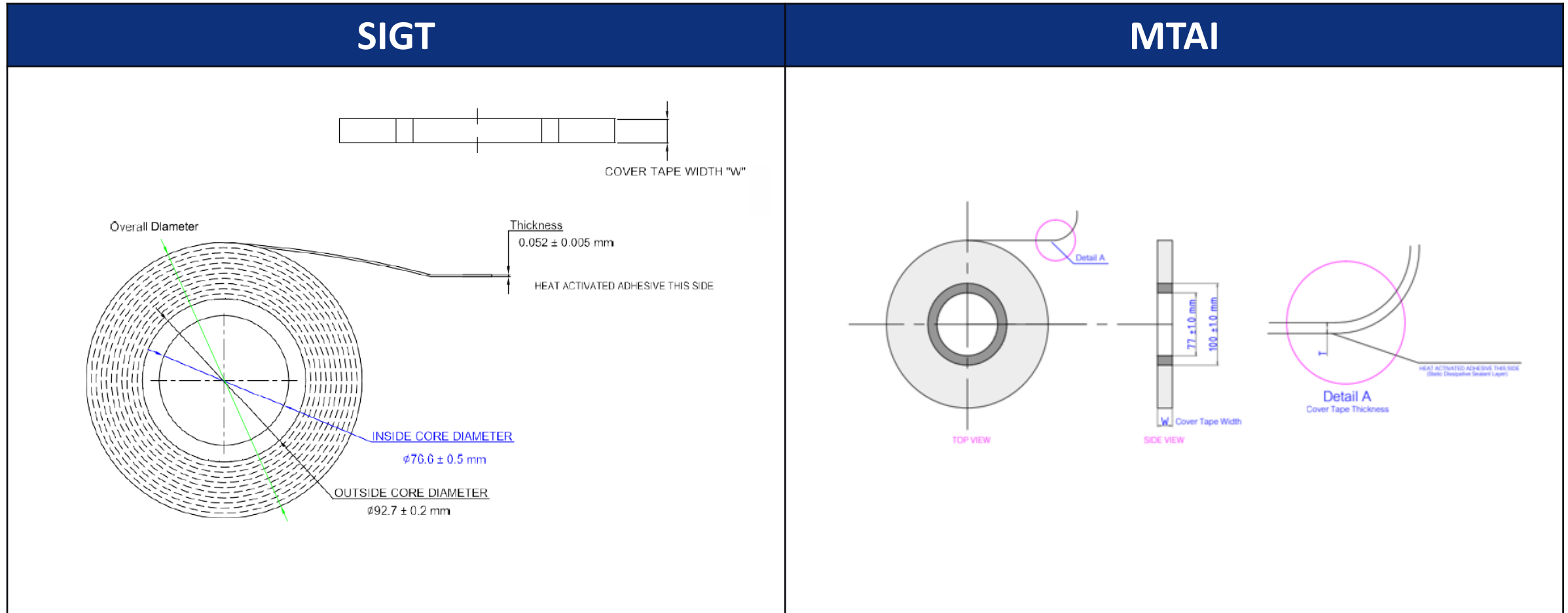
Pre and Post Change - TnR – Carrier Tape (For 64L QFN (9x9x0.9mm) package only)



Plant	W (mm)	P (mm)	A0 (mm)	B0 (mm)	K0 (mm)	Thickness (mm)
SIGT	16.00 ±0.30	12.00 ±0.10	9.30 ±0.10	9.30 ±0.10	1.10 ±0.10	0.30 ±0.05
MTAI	16.00 ±0.30	12.00 ±0.10	9.30 ±0.10	9.30 ±0.10	1.10 ±0.10	0.30 ±0.05
	16.00 +0.30/-0.10	12.00 ±0.10	9.30 ±0.10	9.30 ±0.10	1.10 ±0.10	0.30 ±0.05

Pre and Post Change - TnR – Cover Tape

For 36L SQFN (6x6x1.0mm) and 64L QFN (9x9x0.9mm) packages

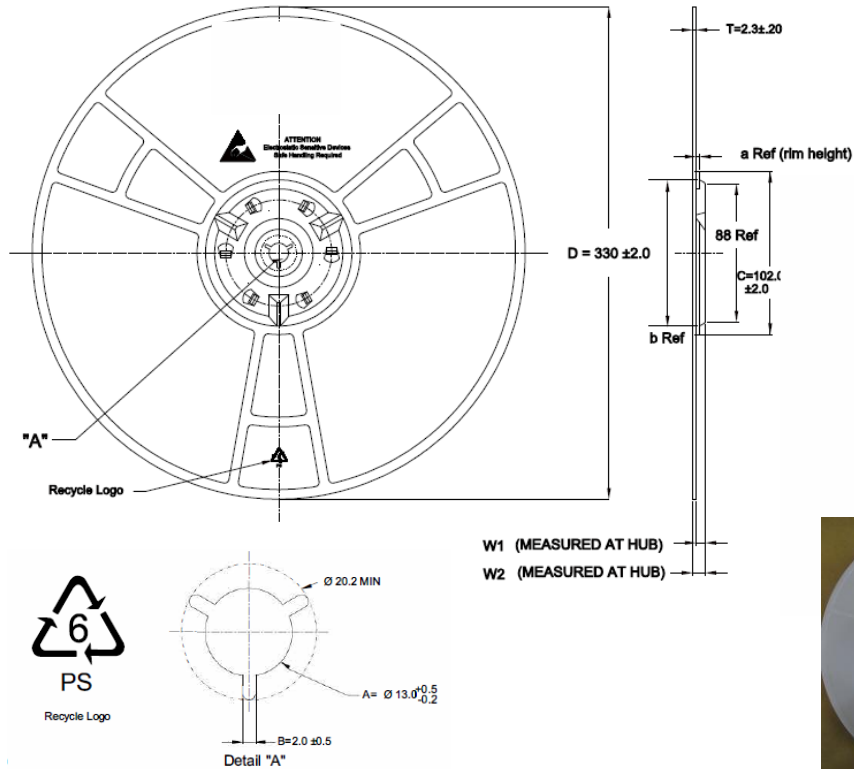


Plant	Width W (mm)	Thickness T (mm)	Color	Sealing Methodology
SIGT	13.3 ± 0.1	0.052 ± 0.005	Clear	Heat sealing
MTAI	13.3 ± 0.1	0.050 ± 0.010	Clear	Heat sealing

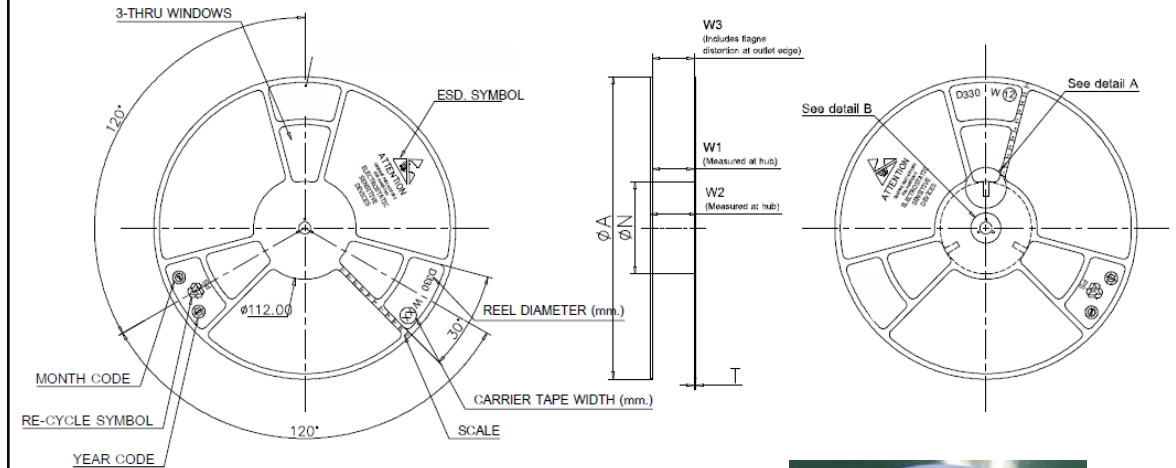
Pre and Post Change - TnR – Plastic Reel

For 36L SQFN (6x6x1.0mm) and 64L QFN (9x9x0.9mm) packages

SIGT



MTAI

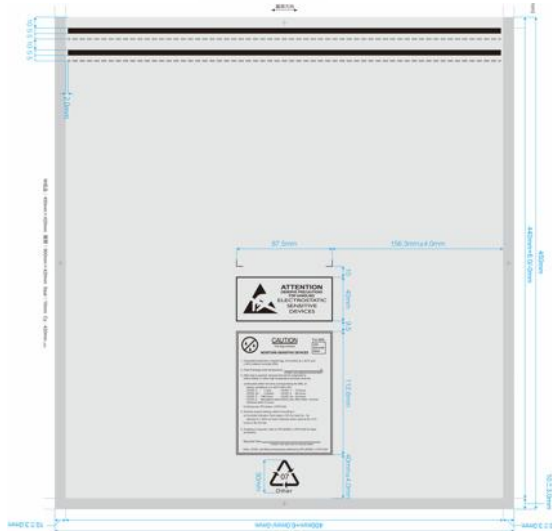


Plant	Reel Diameter (mm)	Reel Hub Size (mm)	Reel Width Max (mm)	Color
SIGT	330 ± 2.0	102 ± 2.0	22.20	White
MTAI	330 ± 2.0	100 ± 2.0	22.40	Dark Blue

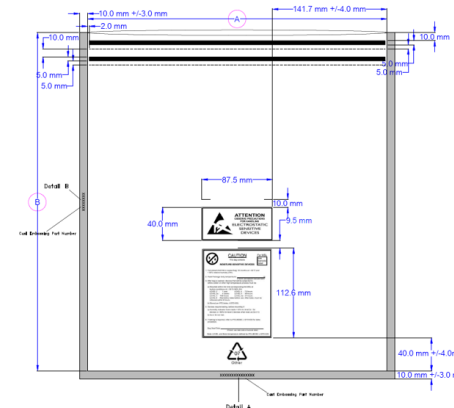
Pre and Post Change - TnR – Bag

For 36L SQFN (6x6x1.0mm) and 64L QFN (9x9x0.9mm) packages

SIGT



MTAI

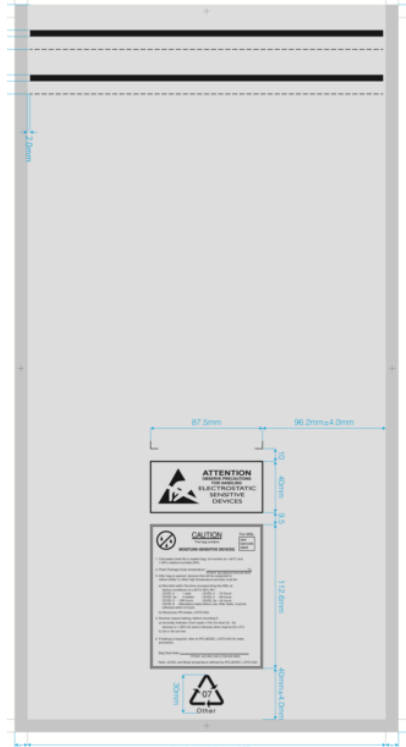


Plant	Bag type	Bag type	Length (mm)	Width (mm)	Thickness (mm)
SIGT	MSL-3	Moisture Barrier Bag	450 +3/-3	420 +3/-3	0.180 ±0.01
MTAI	MSL-3	Moisture Barrier Bag	420 +6/-0	370 +6/-0	0.1016

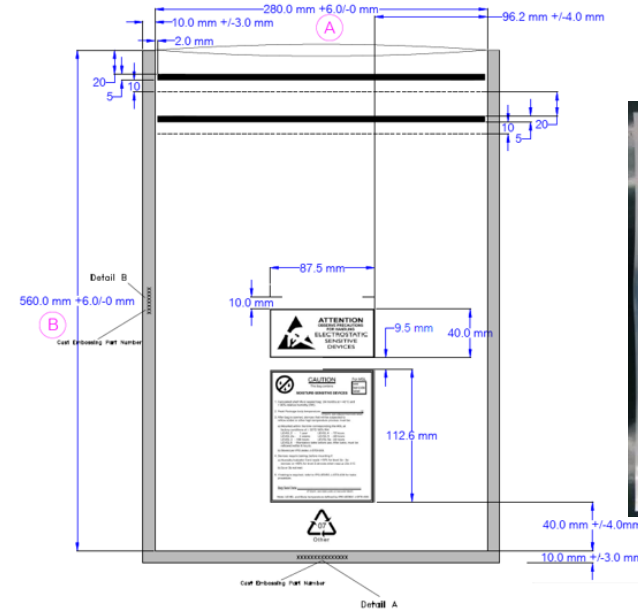
Pre and Post Change - Tray – Bag

For 36L SQFN (6x6x1.0mm) and 64L QFN (9x9x0.9mm) packages

SIGT



MTAI



Plant	Moisture Sensitivity Level	Bag type	Length (mm)	Width (mm)	Thickness (mm)
SIGT	MSL- 3	Moisture Barrier Bag	570	300	0.18
MTAI	MSL-3	Moisture Barrier Bag	560 +6/-0	280 +6/-0	0.1702

Pre and Post Change - Desiccant

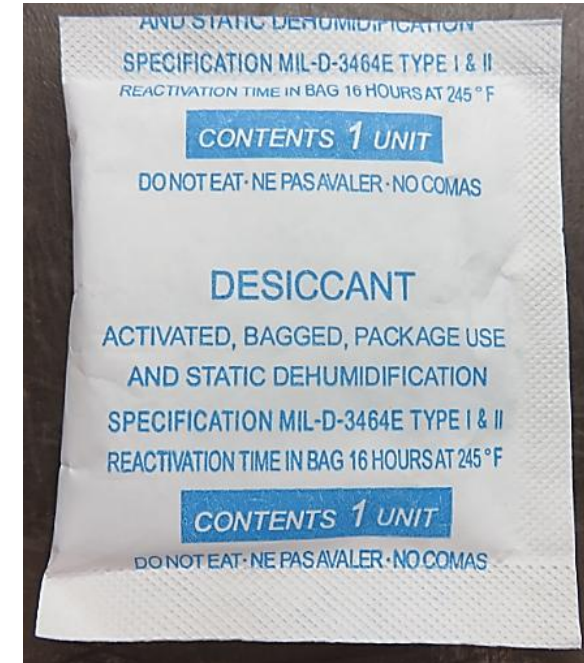
For 36L SQFN (6x6x1.0mm) and 64L QFN (9x9x0.9mm) packages

SIGT



Desiccant each unit is 33 g

MTAI

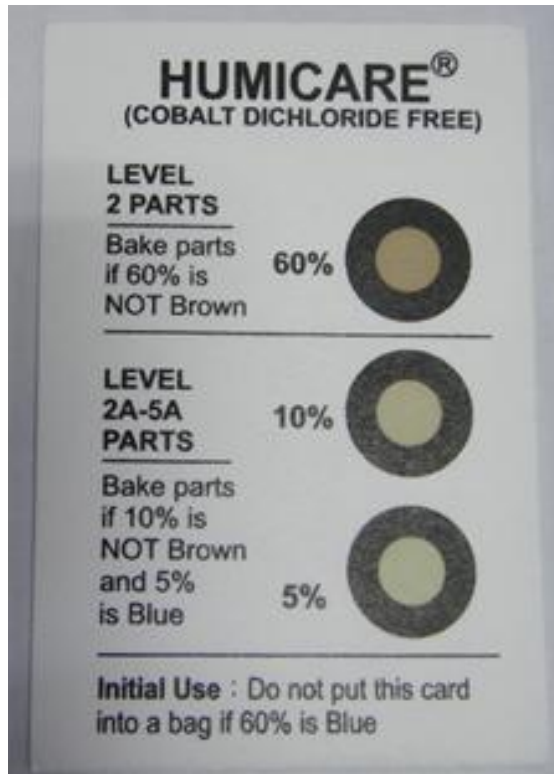


Desiccant each unit is 33g

Pre and Post Change - HIC

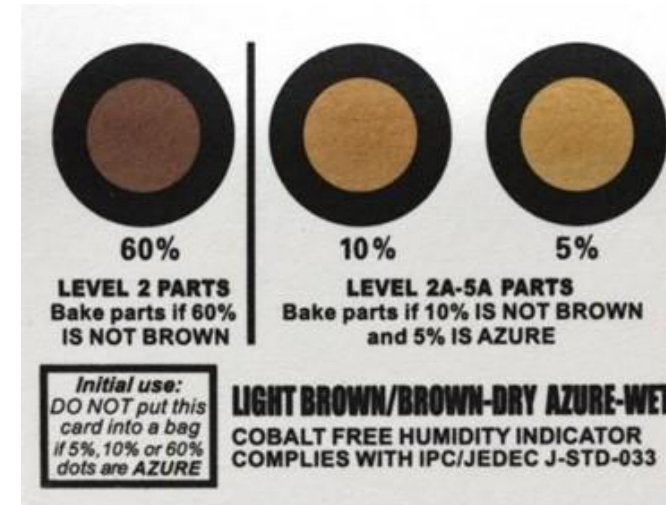
For 36L SQFN (6x6x1.0mm) and 64L QFN (9x9x0.9mm) packages

SIGT



- 3 Dots (5%, 10%, 60%)
- Cobalt Free

MTAI



- 3 Dots (5%, 10%, 60%)
- Cobalt Free

Pre and Post Change - TnR – Packing Method

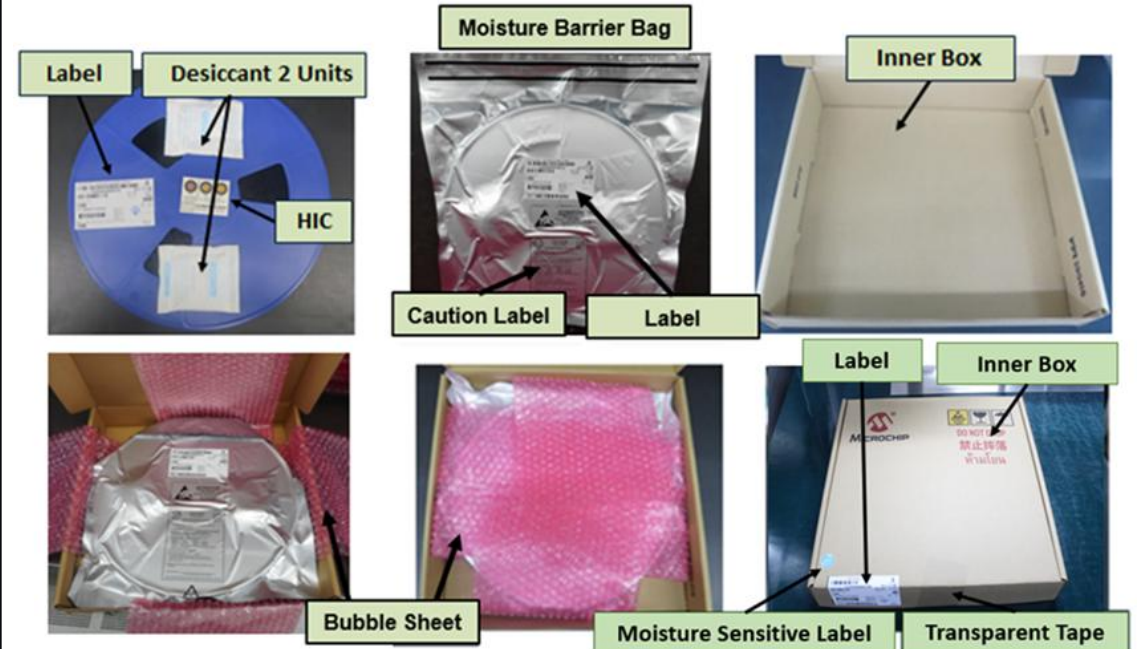
For 36L SQFN (6x6x1.0mm) and 64L QFN (9x9x0.9mm) packages

SIGT



Inner box
Dimension
W x L x H (cm)
35.6x34x5

MTAI

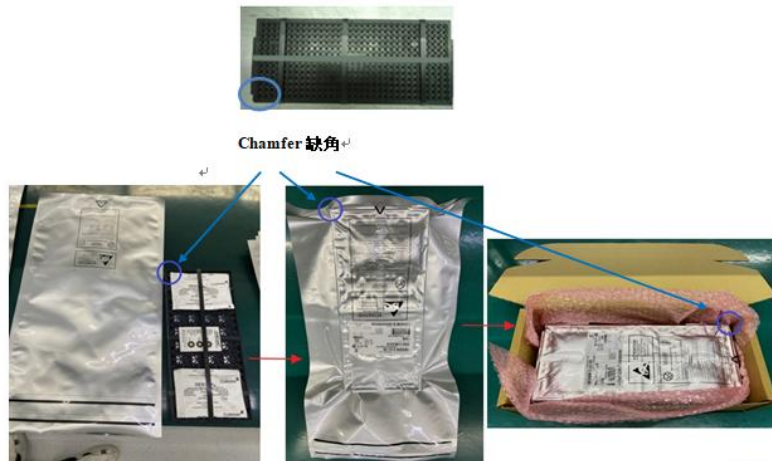


Inner box
Dimension
W x L x H (cm)
37x35.1x5.3

Pre and Post Change - Tray – Packing Method

For 36L SQFN (6x6x1.0mm) and 64L QFN (9x9x0.9mm) packages

SIGT



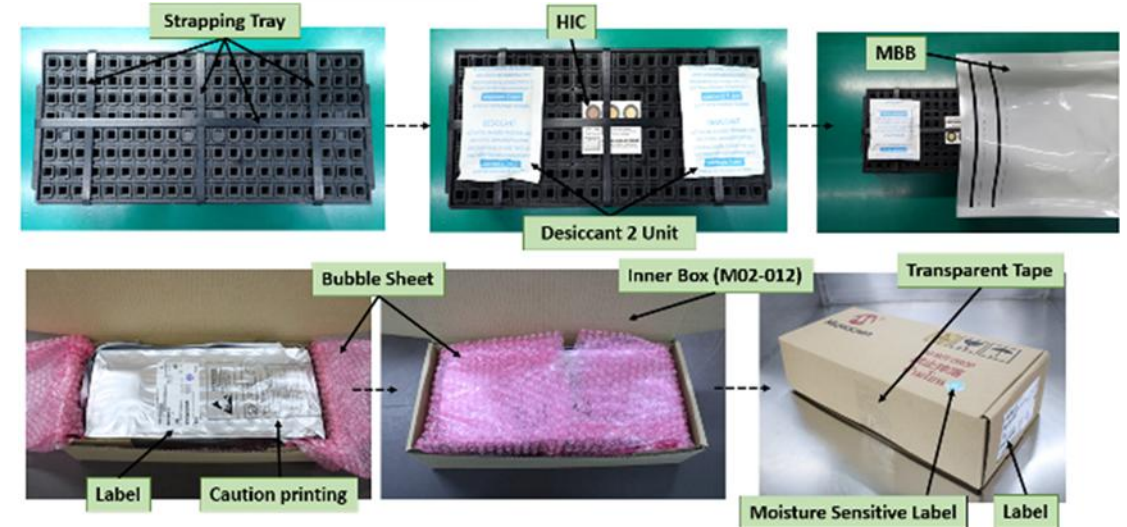
MSL3/MSL4 products need to be pasted on MSID label on the box.
MSL3/MSL4 貨批需加貼水滴標籤於內盒上



MRC label

Inner box
Dimension
W x L x H (cm)
16.2x37.1x8.8

MTAI



Inner box
Dimension
W x L x H (cm)
16.2x37.1x8.8



QUALIFICATION PLAN SUMMARY

PCN #: CAAN-29FGCF826

**Date:
May 05, 2026**

Qualification of MTAI as a new final test site for selected SEC1300 device family and new scan and pack site for selected SEC1300, USB2532, USB2533, USB2534 and USB2534D device families available in 36L SQFN (6x6x1.0mm) and 64L QFN (9x9x0.9mm) packages.

Purpose: Qualification of MTAI as a new final test site for selected SEC1300 device family and new scan and pack site for selected SEC1300, USB2532, USB2533, USB2534 and USB2534D device families available in 36L SQFN (6x6x1.0mm) and 64L QFN (9x9x0.9mm) packages.

CCB No.: 8280.001

Test Name	Test Conditions	Sample Size	Qty of Lots	Fail/Accept Criteria
Bin and Yield Comparison	Test the same units at existing and destination locations and compare Bin and Yield data.	33	1	≤0.1%
Parametric / Characterization Comparison	Characterize the same units at existing and destination locations and compare data.	33	1	≤10%
Correlation Lot report	Yield at each step and reject analysis between systems. 33 units are tested as lot correlation • Accept on yield match within 0.1%	33	1	≤0.1%