



Product Change Notification: CAAN-29FGCF826

Date:

06-Aug-2026

Product Category:

8-Bit Microcontrollers, USB Hubs

Notification Subject:

CCB 8280.001 Final 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_08062026.pdf](#)

[CAAN-29FGCF826_Affected_CPN_08062026.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 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	Sigurd – Taiwan (ASSEMBLY & TEST) (SIGT)	Microchip Technology	Yes

Estimated Implementation Date													X			
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Method to Identify Change: Traceability Code

Qualification Report: Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History:

July 02, 2026: Issued initial notification.

August 06, 2026: Issued final notification. Updated the Pre and Post Change Summary table to indicate that there is no change on the final test site of USB2532, USB2533, USB2534 and USB2534D device families. Attached the Qualification Report. Provided estimated first ship date to be on October 10, 2026.

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 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 [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):

SEC1300-JZX-02G1TR
SEC1300-JZX-02G1
SEC1300-JZX-03G1TR
USB2534D/UDX
USB2534D-I/UDX
USB2534DT/UDX
USB2534DT-I/UDX
USB2534-1081AEN-TR
USB2534I-1080AENTR
USB2534I-1080AEN
USB2532-1080AEN
USB2533I-1080AENTR
USB2534I-1081AEN-TR
USB2534-1050AEN-TR
USB2532-1081AEN-TR
USB2533I-1081AEN
USB2533I-1080AEN
USB2534-1051AEN
USB2532-1080AEN-TR
USB2534-1080AEN-TR
USB2532I-1080AEN
USB2534I-1081AEN
USB2534-1081AEN
USB2534-1080AEN
USB2534I-1051AEN-TR
USB2532I-1081AEN-TR
USB2532I-1080AENTR
USB2534-1051AEN-TR
USB2533-1081AEN-TR
USB2533-1080AEN-TR
USB2534I-1051AEN
USB2532I-1081AEN

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USB2534-1050AEN

USB2532-1081AEN

USB2533-1081AEN

USB2533-1080AEN

USB2534I-1050AENTR

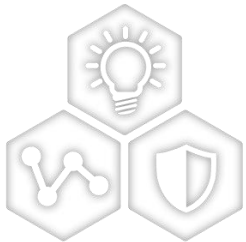
USB2533I-1081AEN-TR

USB2534I-1050AEN

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

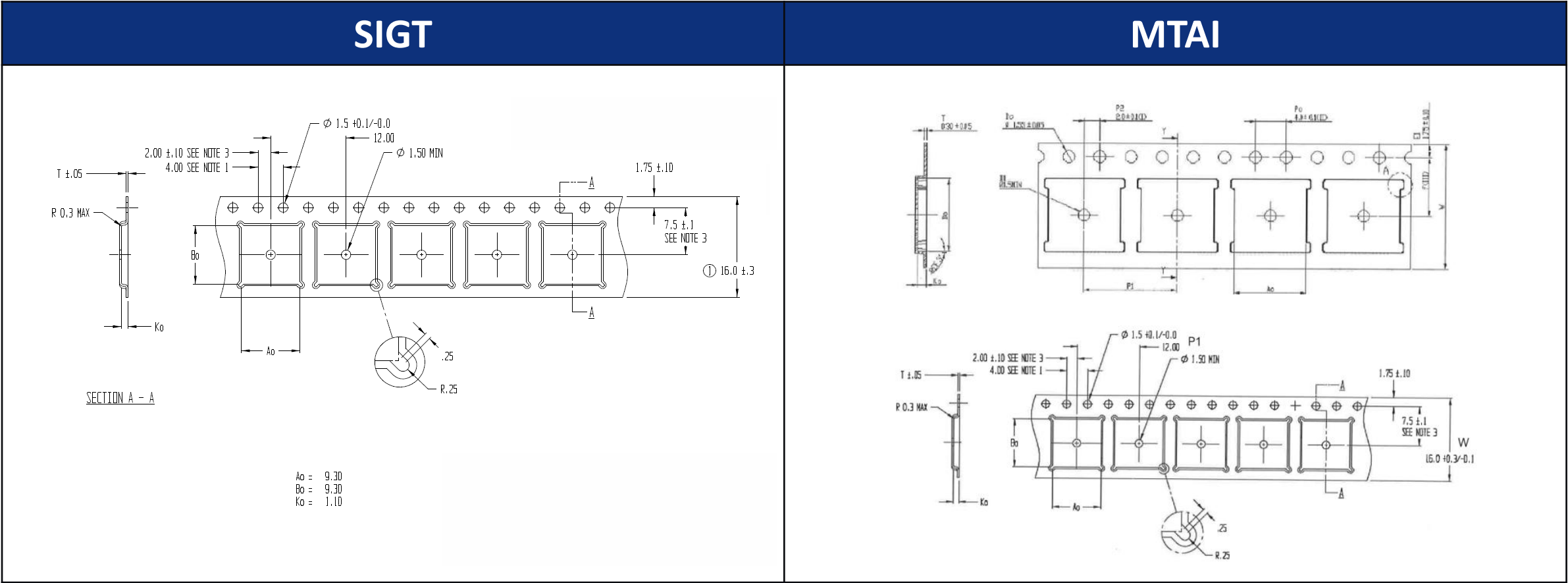


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SMART | CONNECTED | SECURE

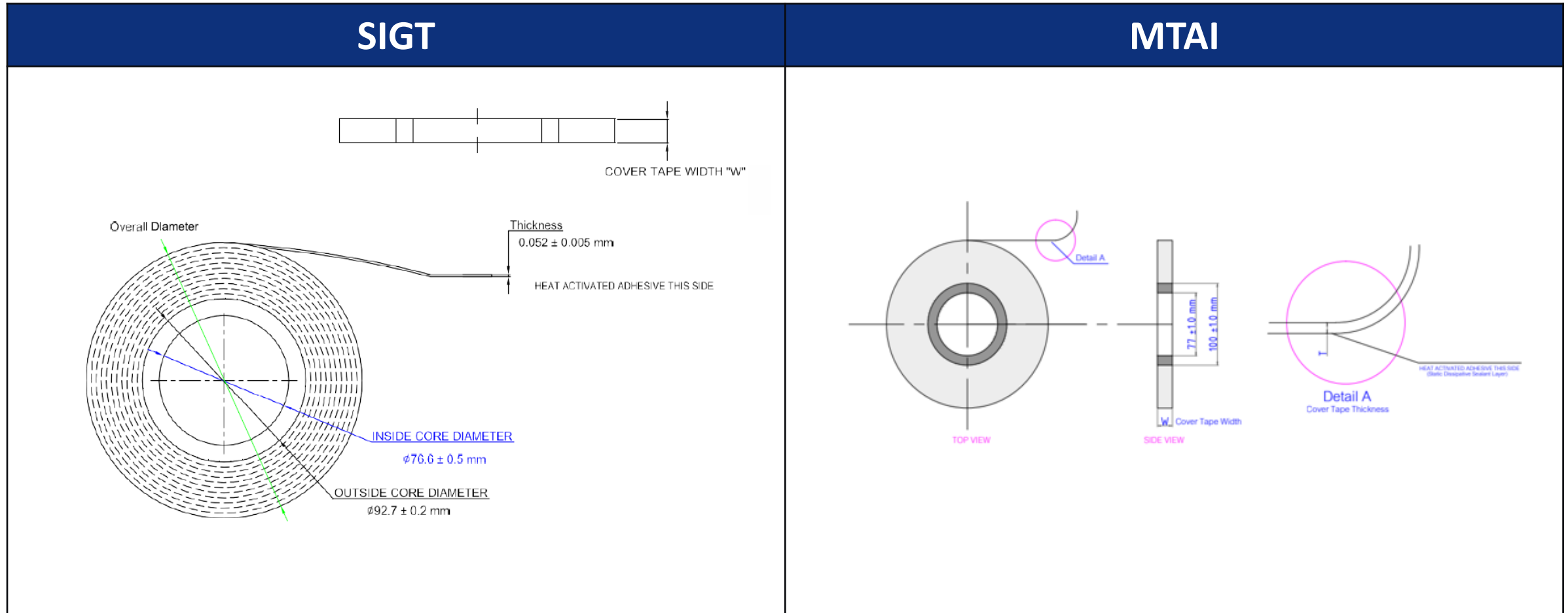
Pre and Post Change - TnR – Carrier Tape (For 64L QFN (9x9x0.9mm) package only)



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

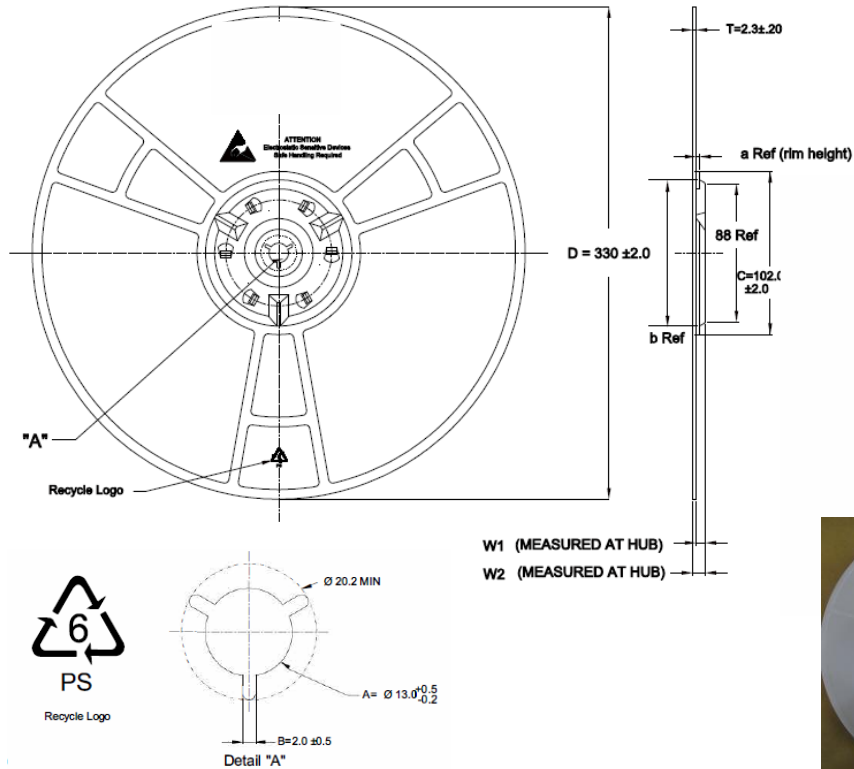


Plant	Width W (mm)	Thickness T (mm)	Color	Sealing Methodology
SIGT	13.3 ± 0.1	0.052 ± 0.005	Clear	Heat sealing
MTAI	13.3 ± 0.1	0.050 ± 0.010	Clear	Heat sealing

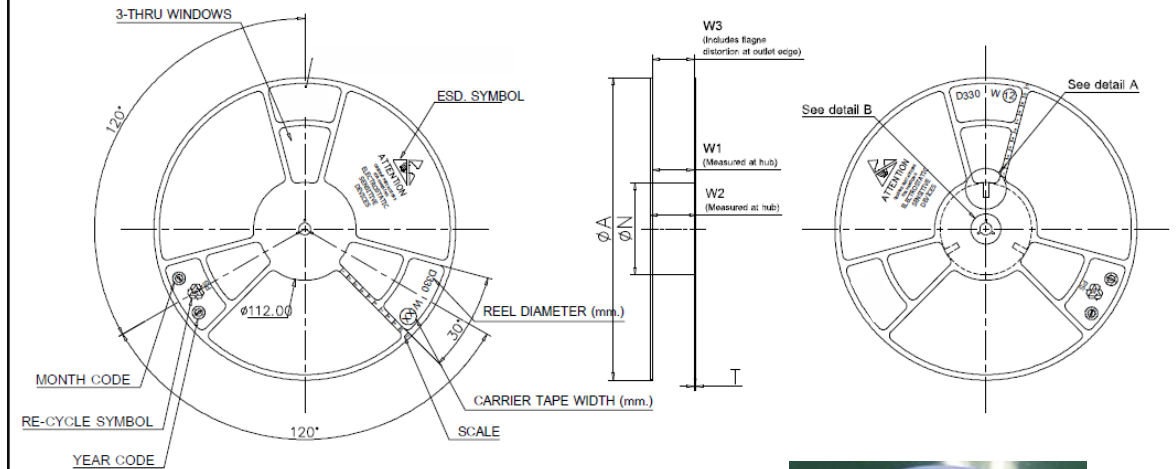
Pre and Post Change - TnR – Plastic Reel

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

SIGT



MTAI

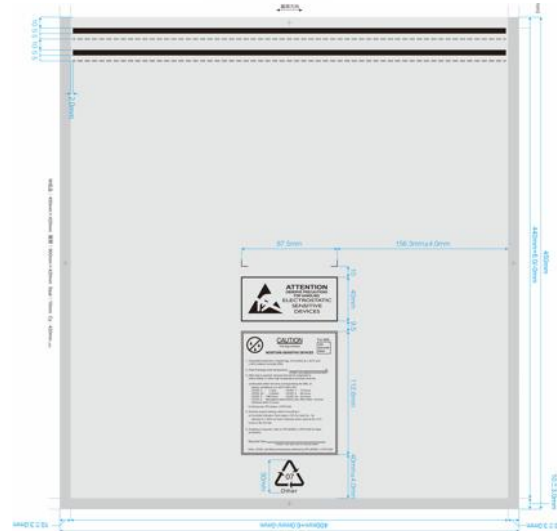


Plant	Reel Diameter (mm)	Reel Hub Size (mm)	Reel Width Max (mm)	Color
SIGT	330 ± 2.0	102 ± 2.0	22.20	White
MTAI	330 ± 2.0	100 ± 2.0	22.40	Dark Blue

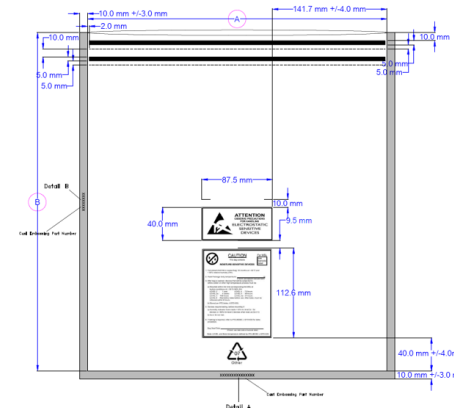
Pre and Post Change - TnR – Bag

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

SIGT



MTAI

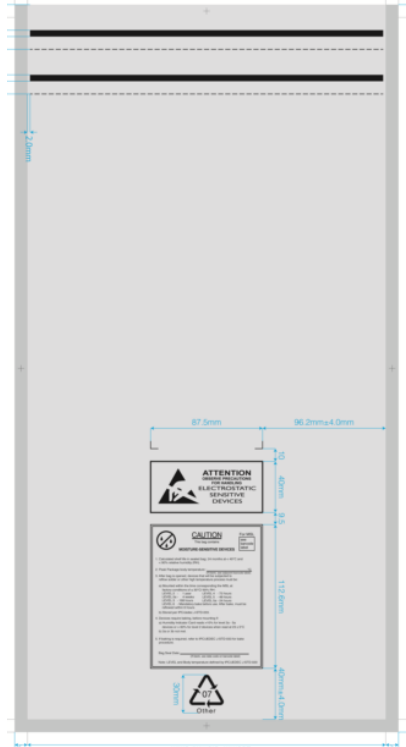


Plant	Bag type	Bag type	Length (mm)	Width (mm)	Thickness (mm)
SIGT	MSL-3	Moisture Barrier Bag	450 +3/-3	420 +3/-3	0.180 ±0.01
MTAI	MSL-3	Moisture Barrier Bag	420 +6/-0	370 +6/-0	0.1016

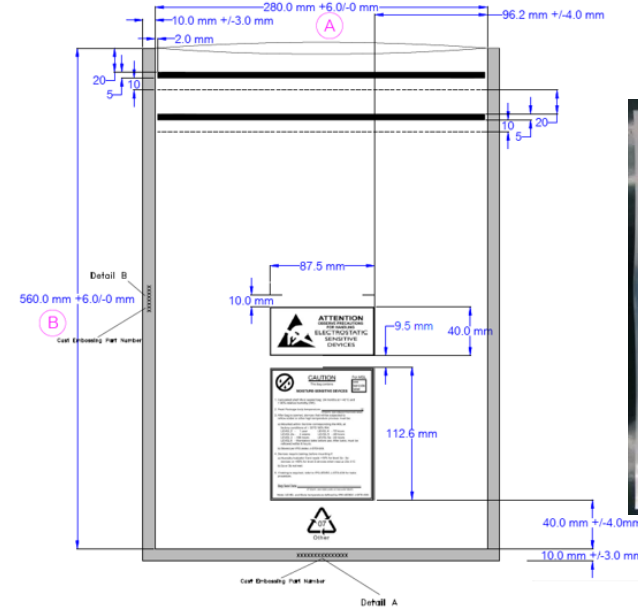
Pre and Post Change - Tray – Bag

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

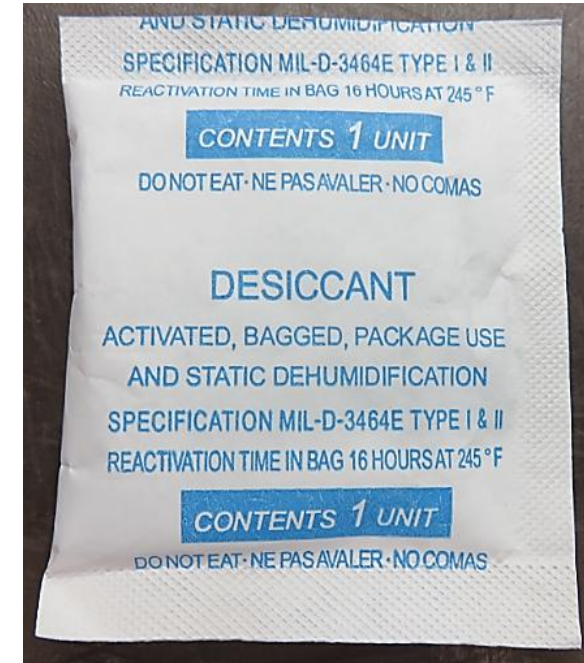
For 36L SQFN (6x6x1.0mm) and 64L QFN (9x9x0.9mm) packages

SIGT



Desiccant each unit is 33 g

MTAI

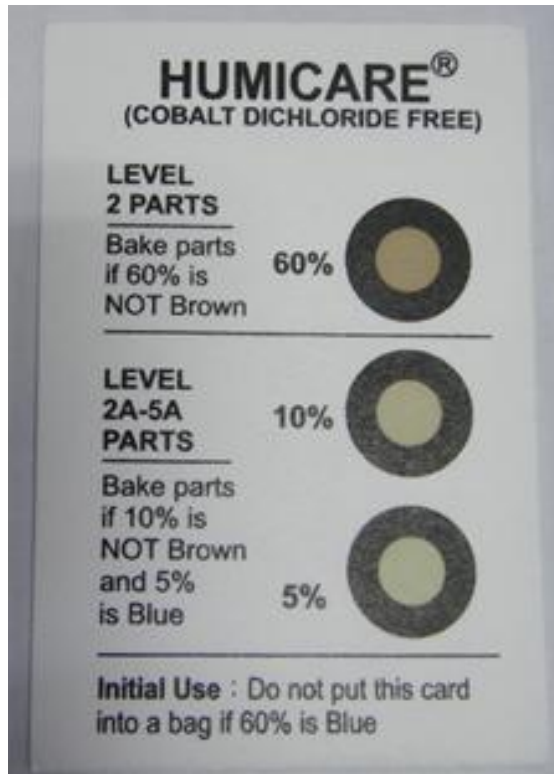


Desiccant each unit is 33g

Pre and Post Change - HIC

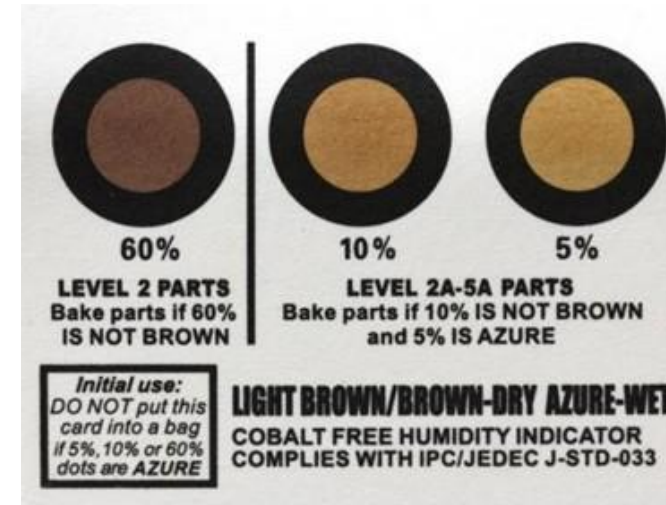
For 36L SQFN (6x6x1.0mm) and 64L QFN (9x9x0.9mm) packages

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

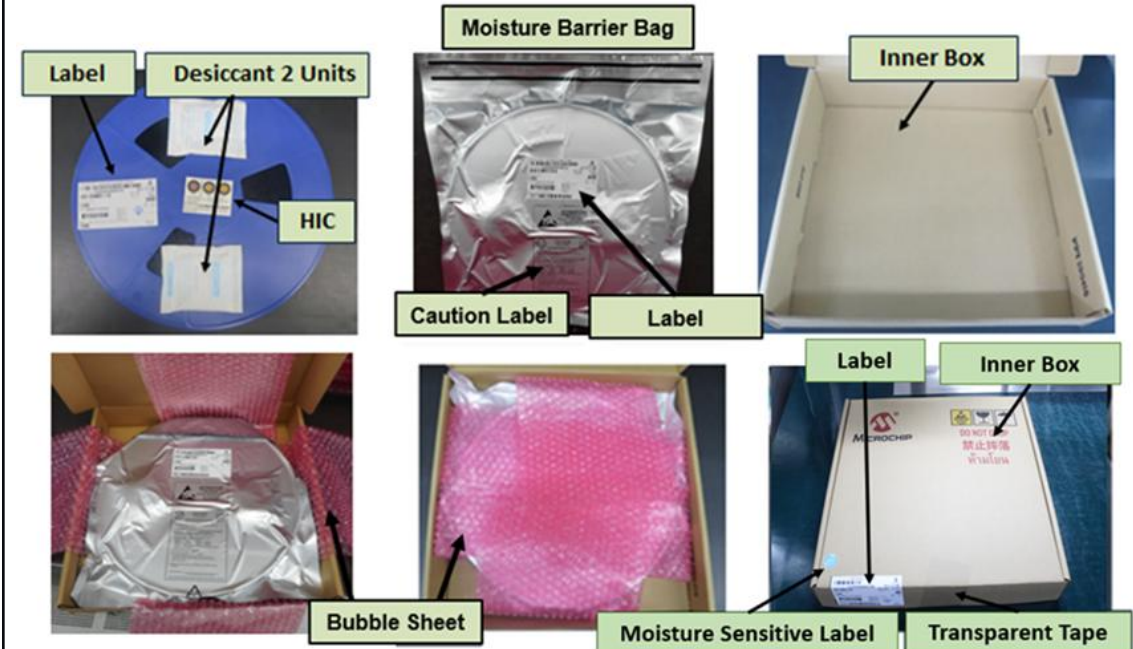


Inner box

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

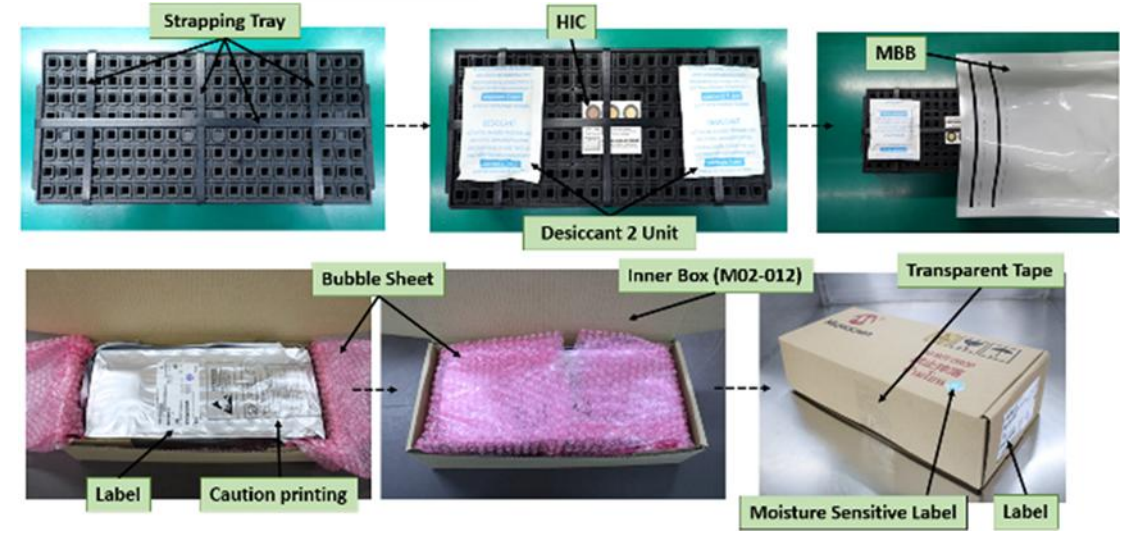
For 36L SQFN (6x6x1.0mm) and 64L QFN (9x9x0.9mm) packages

SIGT



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 REPORT SUMMARY

PCN #: CAAN-29FGCF826

**Date:
July 21, 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	Results
Bin and Yield Comparison	Test the same units at existing and destination locations and compare Bin and Yield data.	33	1	$\leq 0.1\%$	PASSED
Parametric / Characterization Comparison	Characterize the same units at existing and destination locations and compare data.	33	1	$\leq 10\%$	PASSED
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	$\leq 0.1\%$	PASSED