



Product Change Notification: CAAN-20JGKC128

Date:

09-Jul-2026

Product Category:

8-Bit Microcontrollers, USB Transceivers

Notification Subject:

CCB 8280 Final Notice: Qualification of MTAI as a new final test site and scan and pack site for selected USB3310, USB3311, USB3315, USB3316, USB3317, USB3318, USB3319, USC2030 and USX2030 device families available in 24L VQFN (4x4x0.9mm) package.

Affected CPNs:

[CAAN-20JGKC128_Affected_CPN_07092026.pdf](#)

[CAAN-20JGKC128_Affected_CPN_07092026.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 and scan and pack site for selected USB3310, USB3311, USB3315, USB3316, USB3317, USB3318, USB3319, USC2030 and USX2030 device families available in 24L VQFN (4x4x0.9mm) package.

Pre and Post Summary Changes:

	Pre Change	Post Change	Change (Yes/No)
Final Test Site	Sigurd – Taiwan (ASSEMBLY & TEST) (SIGT)	Microchip Technology Thailand (HQ) (MTAI)	Yes
Scan and Pack Site			

Packing Material/Method	See Pre and Post Change Comparison for Summary.	Yes
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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 First Ship Date: 27 July 2026 (date code: 2631)

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

Timetable Summary:

	May 2026					>	July 2026				
Work Week	18	19	20	21	22		27	28	29	30	31
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: May 25, 2026: Issued initial notification.

July 09, 2026: Issue final notification. Attached the Qualification Report. Provided estimated first ship date to be on July 27, 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-20JGKC128_Pre and Post_Change_Summary.pdf
PCN_CAAN-20JGKC128_Qual Report.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):

USB3310C-CP

USB3310C-CP-TR

USB3311C-CP-TR

USB3311-CP-TR

USB3315C-CP-TR

USB3315-CP-TR

USB3316C-CP-TR

USX2030C-CP

USX2030C-CP-TR

USB3316C-CP-TR-CAG

USB3317C-CP-TR

USB3318C-CP-TR

USB3318-CP

USB3318-CP-TR

USB3319C-CP-TR

USB3319C-CP-TR-CAG

USB3319-CP-TR

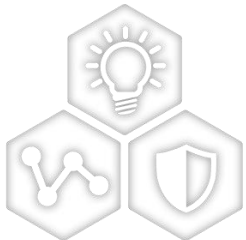
CCB 8280

Pre and Post Change Summary

PCN #: CAAN-20JGKC128

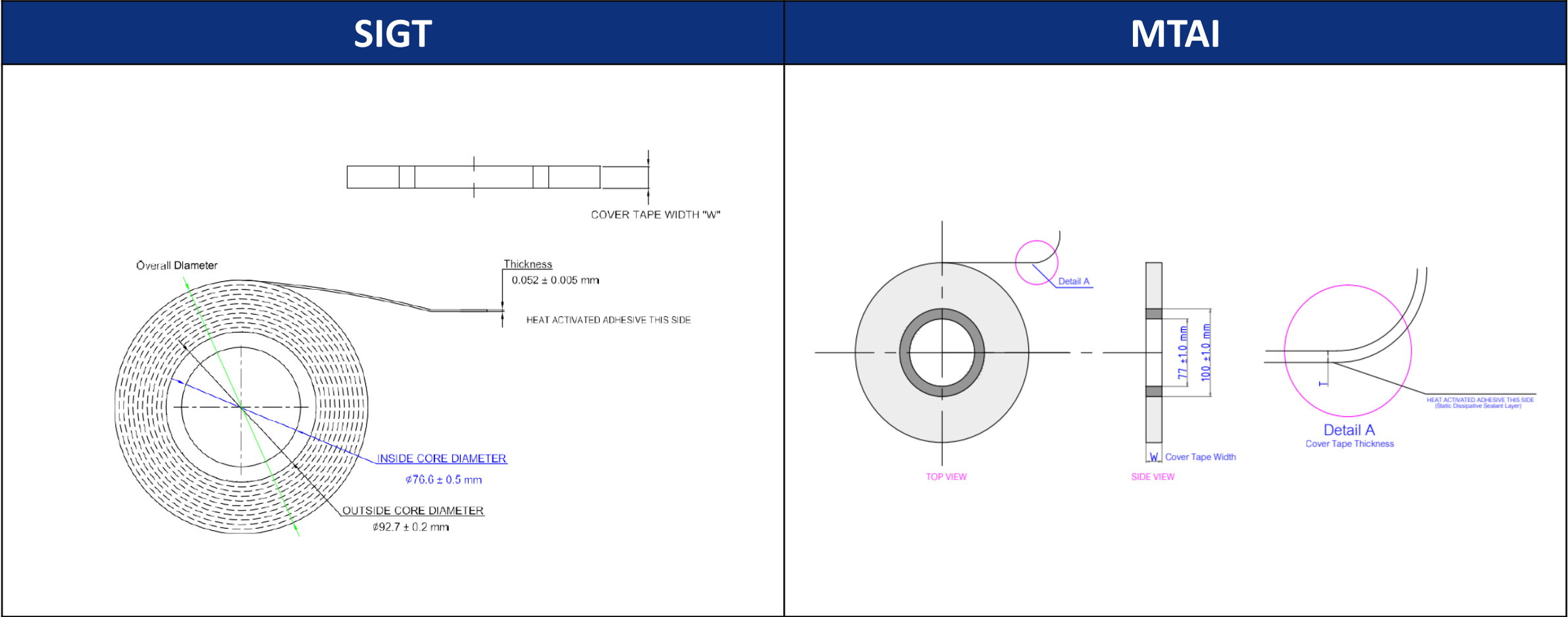


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SMART | CONNECTED | SECURE

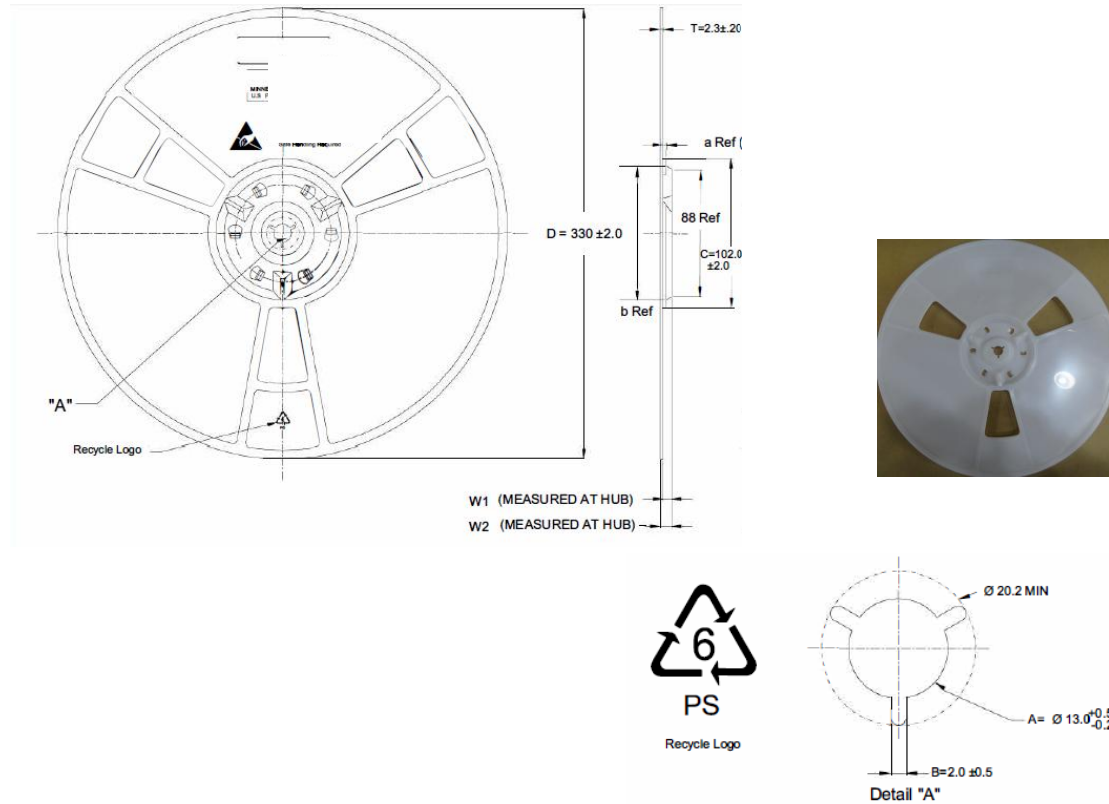
Cover Tape (Tape and Reel)



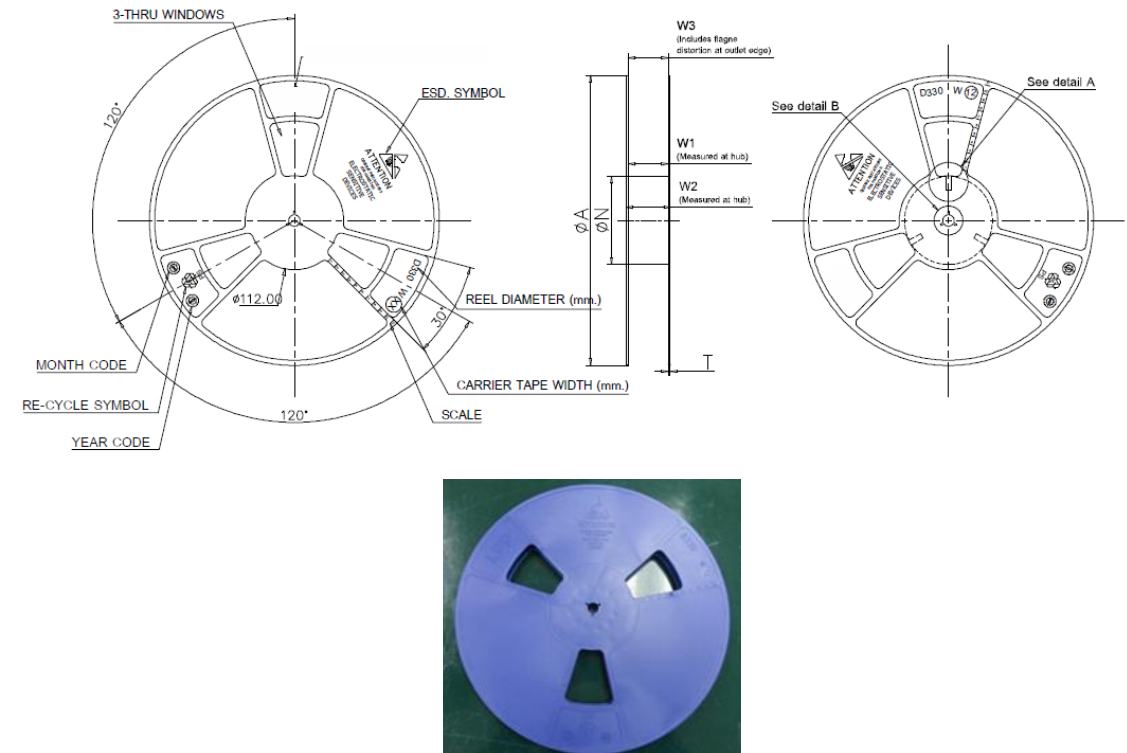
Plant	Width W (mm)	Thickness T (mm)	Color	Sealing Methodology
SIGT	9.30 ± 0.1	0.052 ± 0.005	Clear	Heat sealing
MTAI	$9.05 + 0.05/-0.15$	0.050 ± 0.010	Clear	Heat sealing

Plastic Reel (Tape and Reel)

SIGT



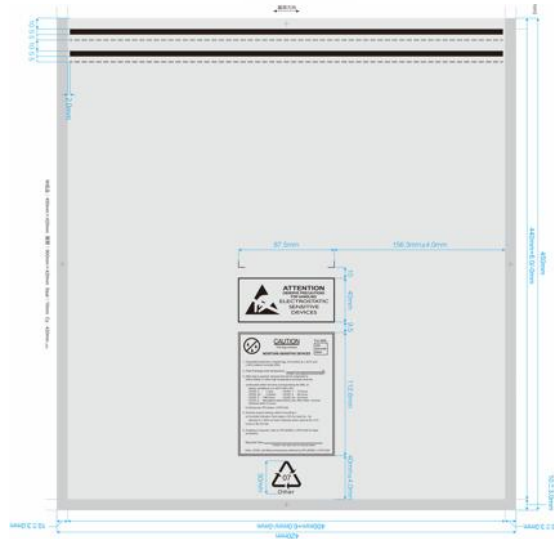
MTAI



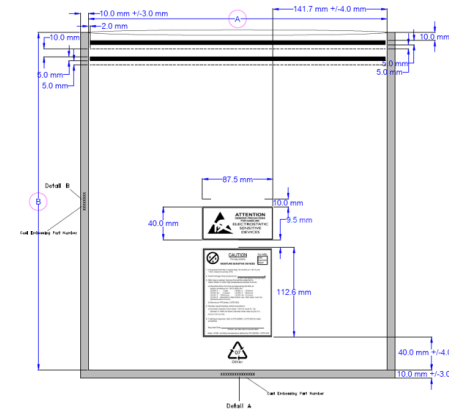
Plant	Reel Diameter (mm)	Reel Hub Size (mm)	Reel Width Max (mm)	Color
SIGT	330 ± 2.0	102 ± 2.0	18.20	White
MTAI	330 ± 2.0	100 ± 2.0	18.40	Dark Blue

Bag (Tape and Reel)

SIGT

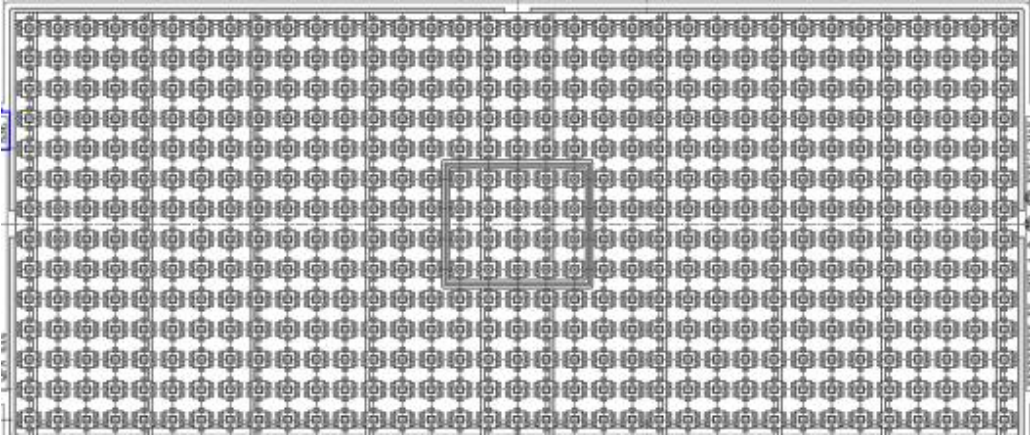
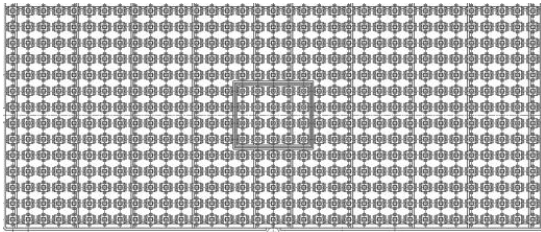
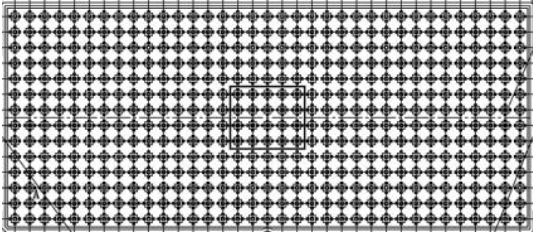
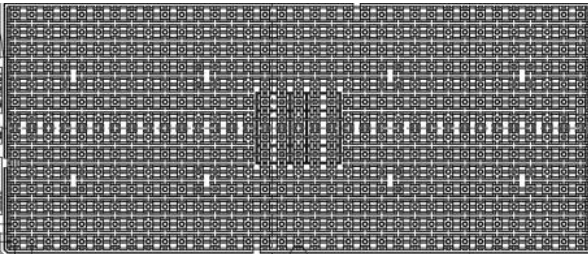


MTAI



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

Tray

SIGT	MTAI
Supplier A 	Supplier A  Supplier B  Supplier C 

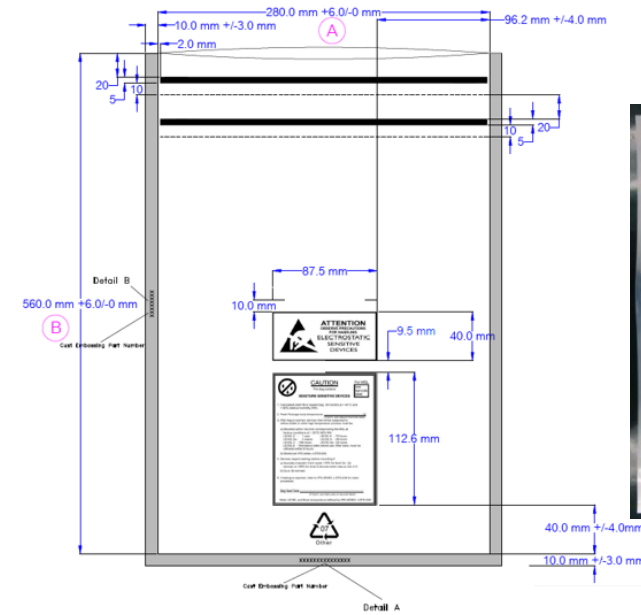
Plant	Supplier Part	Bakeable (Temp C)	Row	Col	Unit per Tray	Color	Tray Stack
SIGT	Supplier A	150 °C MAX	14	35	490	Black	10+1
MTAI	Supplier A	150 °C MAX	14	35	490	Black	10+1
	Supplier B	150 °C MAX	14	35	490	Black	10+1
	Supplier C	150 °C MAX	14	35	490	Black	10+1

Bag (Tray)

SIGT



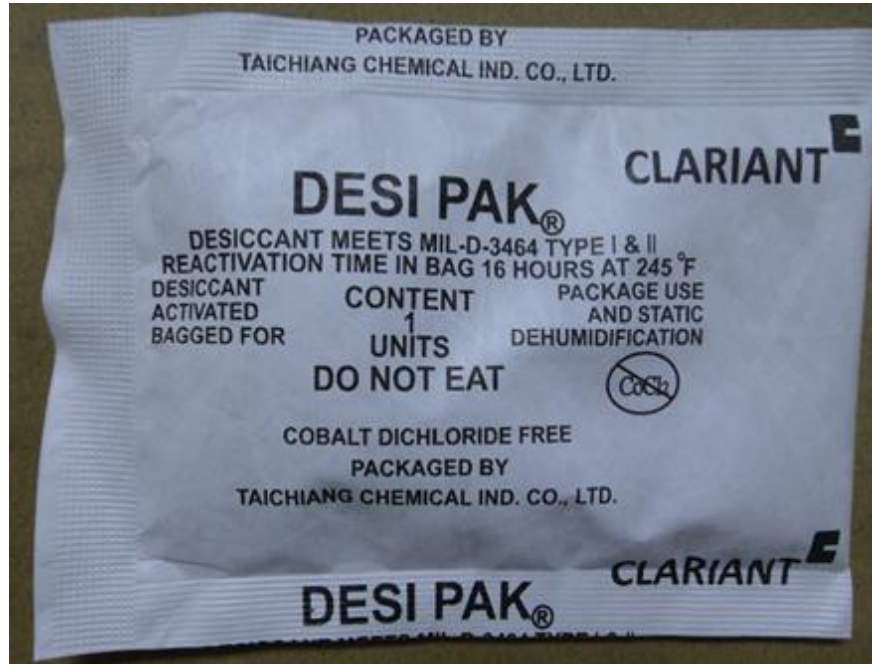
MTAI



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

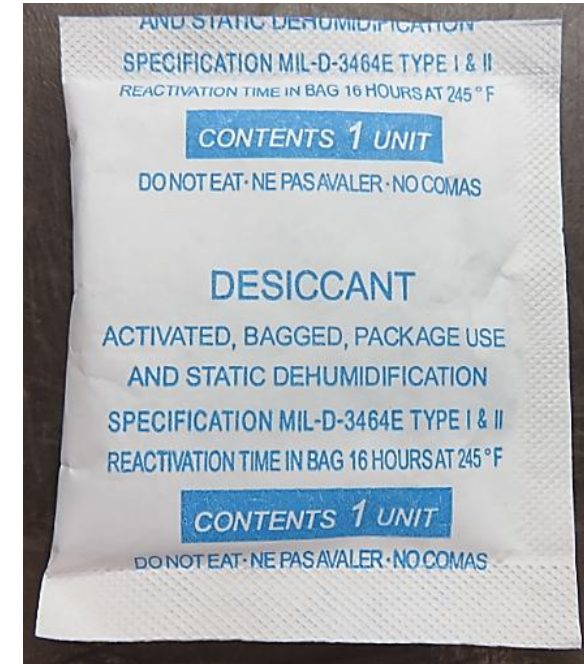
Desiccant (Tape and Reel and Tray)

SIGT



Desiccant each unit is 33 g

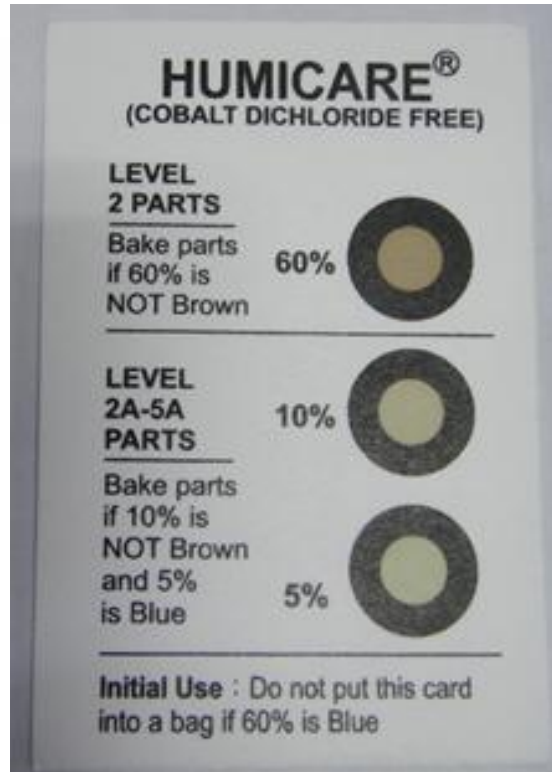
MTAI



Desiccant each unit is 33g

Humidity Indicator Card (HIC) (Tape and Reel and Tray)

SIGT



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

MTAI



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

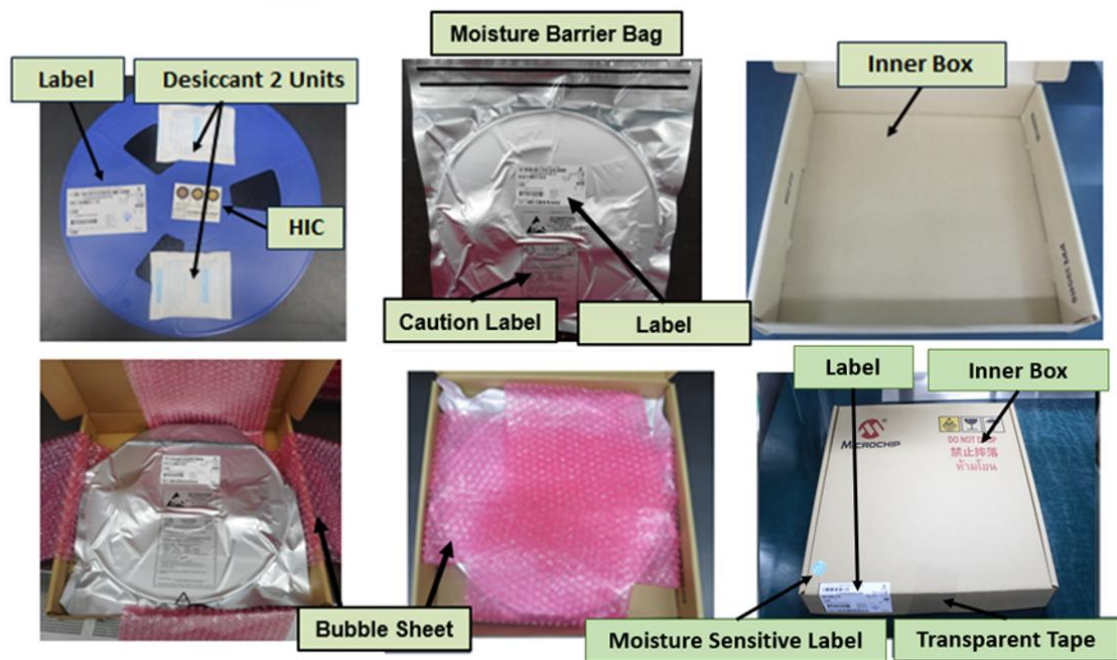
Packing Method (Tape and Reel)

SIGT



Inner box
Dimension
W x L x H (cm)
35.6x34x5mm

MTAI



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

Packing Method (Tray)

SIGT



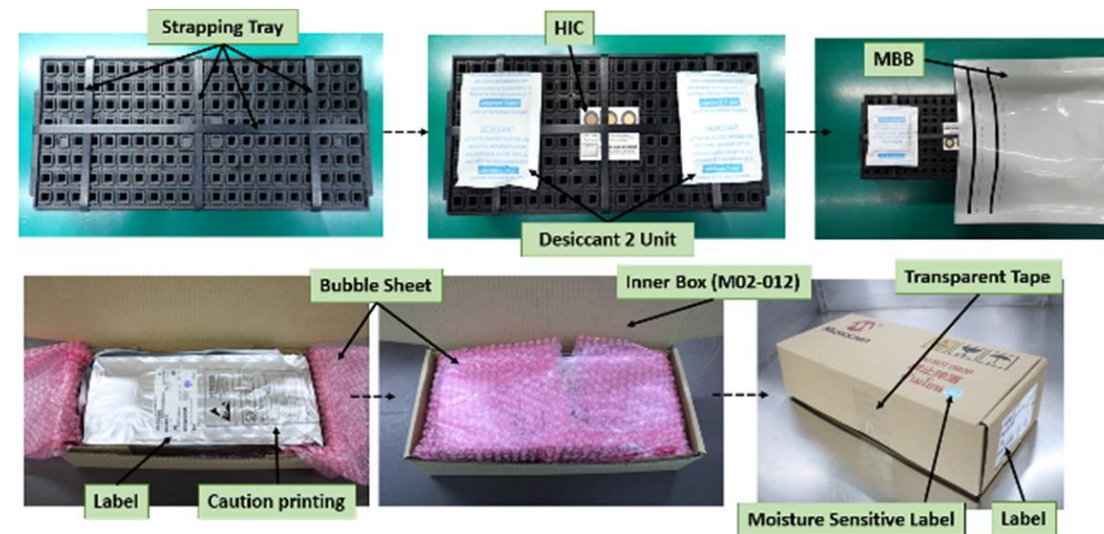
MSL3/MSL4 products need to be pasted on MSID label on the box.
MSL3/MSL4 貨批需加貼水滴標籤於內盒上



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



MICROCHIP

QUALIFICATION REPORT SUMMARY

PCN #: CAAN-20JGKC128

Date:

June 04, 2026

**Qualification of MTAI as a new final test site for selected
USB3310, USB3311, USB3315, USB3316, USB3317,
USB3318, USB3319, USC2030 and USX2030 device families
available in 24L VQFN (4x4x0.9mm) package.**

Purpose: Qualification of MTAI as a new final test site for selected USB3310, USB3311, USB3315, USB3316, USB3317, USB3318, USB3319, USC2030 and USX2030 device families available in 24L VQFN (4x4x0.9mm) package.

CCB No.: 8280

Test Name	Test Conditions	Sample Size	Qty of Lots	Fail/Accept Criteria	Result
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