Product Change Notification: CBOL-09ITUX316

Date:

22-Oct-2026

Product Category:

Ethernet Controllers, Ethernet Phys, Ethernet Switches, USB Bridge, USB Hubs

Notification Subject:

CCB 8280.002 Final Notice: Qualification of MTAI as a new final test site and scan and pack site for selected USB2250, USB2251, LAN91C111, LAN91C113, LAN9311, LAN9313, LAN9312, LAN9420, USB5537B, LAN9303M and LAN8810 device families available in 128L TQFP (14x14x1mm), 72L VQFN (10x10x0.9mm) and 128L QFP (14x20x2.7mm) packages.

Affected CPNs:

CBOL-09ITUX316_Affected_CPN_10222026.pdf
CBOL-09ITUX316_Affected_CPN_10222026.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 USB2250, USB2251, LAN91C111, LAN91C113, LAN9311, LAN9313, LAN9312, LAN9420, USB5537B, LAN9303M and LAN8810 device families available in 128L TQFP (14x14x1mm), 72L VQFN (10x10x0.9mm) and 128L QFP (14x20x2.7mm) packages.

Pre and Post Summary Changes:

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

	Pre Change	Post Change	Change (Yes/No)
Scan and Pack Site		(MTAI)	
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 First Ship Date: 16 November 2026 (date code: 2647)

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

Timetable Summary:

	July 2026					>	October 2026					November 2026				
Work Week	27	28	29	30	31		40	41	42	43	44	45	46	47	48	49
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 15, 2026: Issued initial notification.
October 22, 2026: Issued final notification. Attached the qualification report. Updated the PCN title and affected parts list to remove the EOL CPNs USB2228-NU-11 and USB2227-NU-11 under the issued EOL PCN **CAAN-28BEVA428**. Provided estimated first ship date to be on November 16, 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_CBOL-09ITUX316_Qual_Report.pdf
PCN_CBOL-09ITUX316_Pre and_Post Change_Summary.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.

CBOL-09ITUX316 - CCB 8280.002 Final Notice: Qualification of MTAI as a new final test site and scan and pack site for selected USB2250, USB2251, LAN91C111, LAN91C113, LAN9311, LAN9313, LAN9312, LAN9420, USB5537B, LAN9303M and LAN8810 device families available in 128L TQFP (14x14x1mm), 72L VQFN (10x10x0.9mm) and 128L QFP (14x20x2.7mm) packages.

Affected Catalog Part Numbers (CPN):

LAN8810-AKZE

LAN8810-AKZE-TR

LAN8810I-AKZE

LAN8810I-AKZE-TR

LAN91C111I-NS

LAN91C111I-NU

LAN91C111-NS

LAN91C111-NU

LAN91C113-NS

LAN91C113-NU

LAN9303M-AKZE

LAN9303M-AKZE-CAG

LAN9303MI-AKZE

LAN9311I-NZW

LAN9311-NU

LAN9311-NZW

LAN9312-NZW

LAN9313I-NZW

LAN9313I-NZW-TR

LAN9313-NU

LAN9313-NU-TR

LAN9313-NZW

LAN9313-NZW-TR

LAN9420I-NU

LAN9420-NU

USB2250I-NU-06

USB2250-NU-06

USB2251I-NU-06

USB2251I-NU-06-CAG

USB2251-NU-06

USB5537B-6070AKZE

USB5537B-6070AKZETR

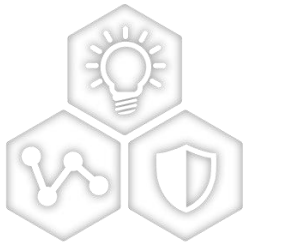
USB5537B-6080AKZE

USB5537B-6080AKZETR

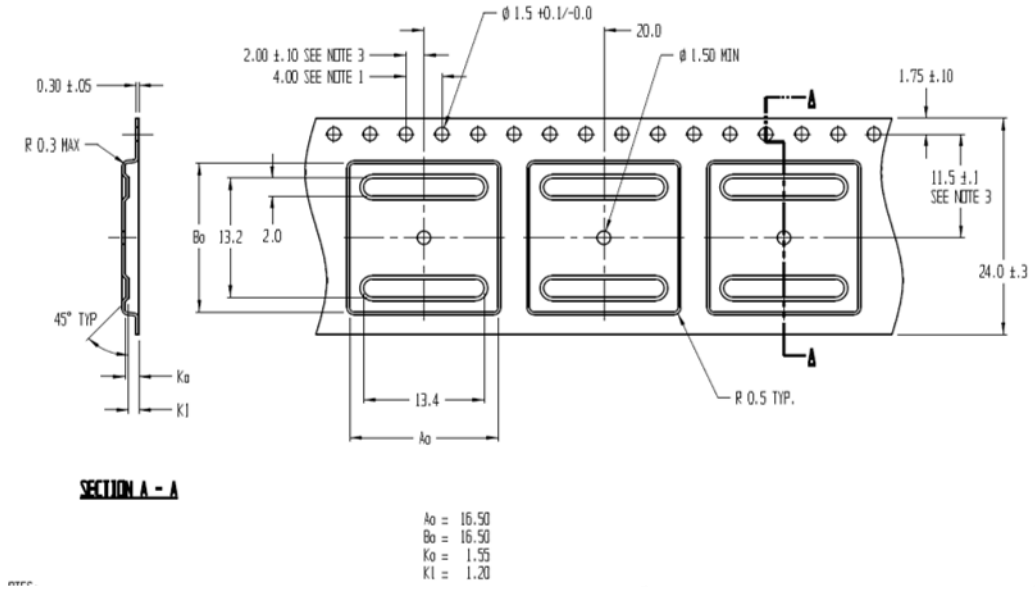
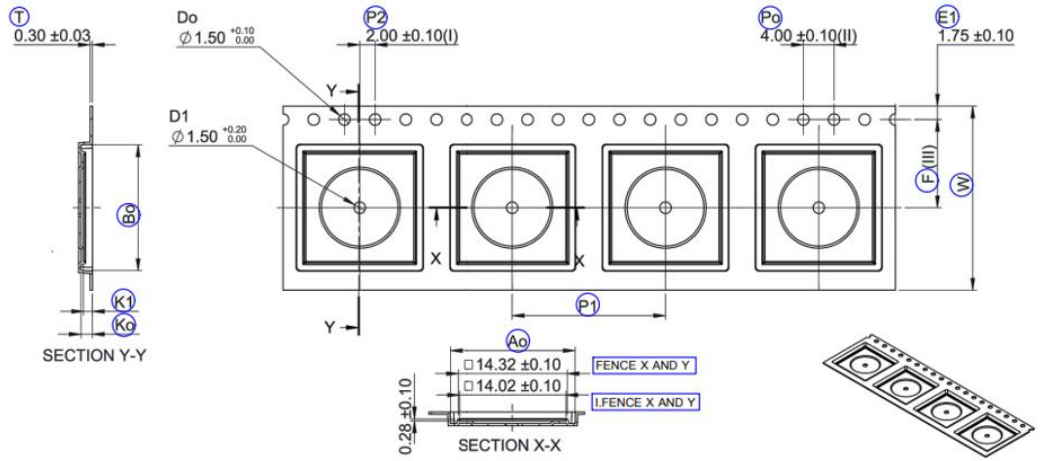
CCB 8280.002
Pre and Post Change Summary
PCN #: CBOL-09ITUX316



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



Pre and Post Change – T&R – Carrier Tape (For 128L TQFP (14x14x1mm) package only)

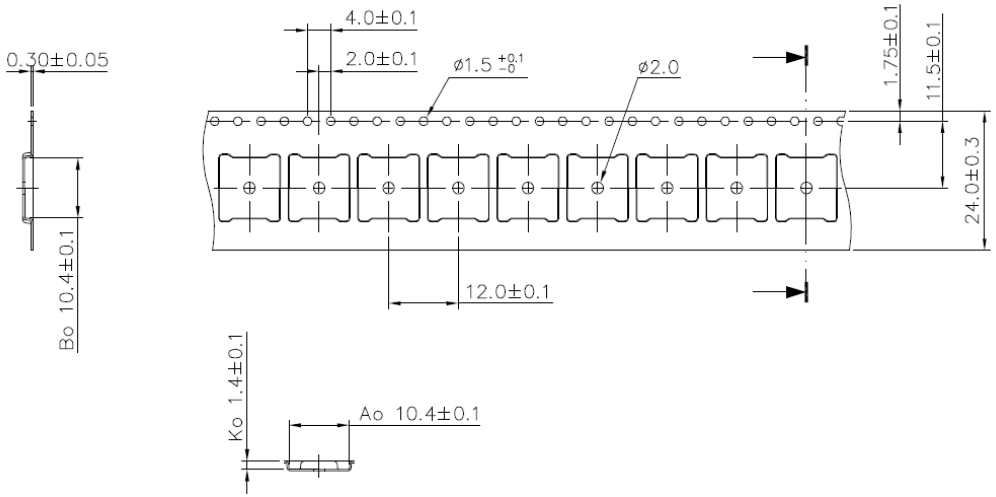
SIGT	MTAI
	

Plant	W (mm)	P (mm)	A0 (mm)	B0 (mm)	K0 (mm)	K1 (mm)	Thickness (mm)
SIGT	24.00 ±0.30	20.00 ±0.10	16.50 ±0.10	16.50 ±0.10	1.55 ±0.10	1.20 ±0.10	0.30 ±0.05
MTAI	24.00 +0.3/0.1	20.00 ±0.10	16.40 ±0.10	16.40 ±0.10	1.50 ±0.10	1.16 ±0.10	0.30 ±0.03

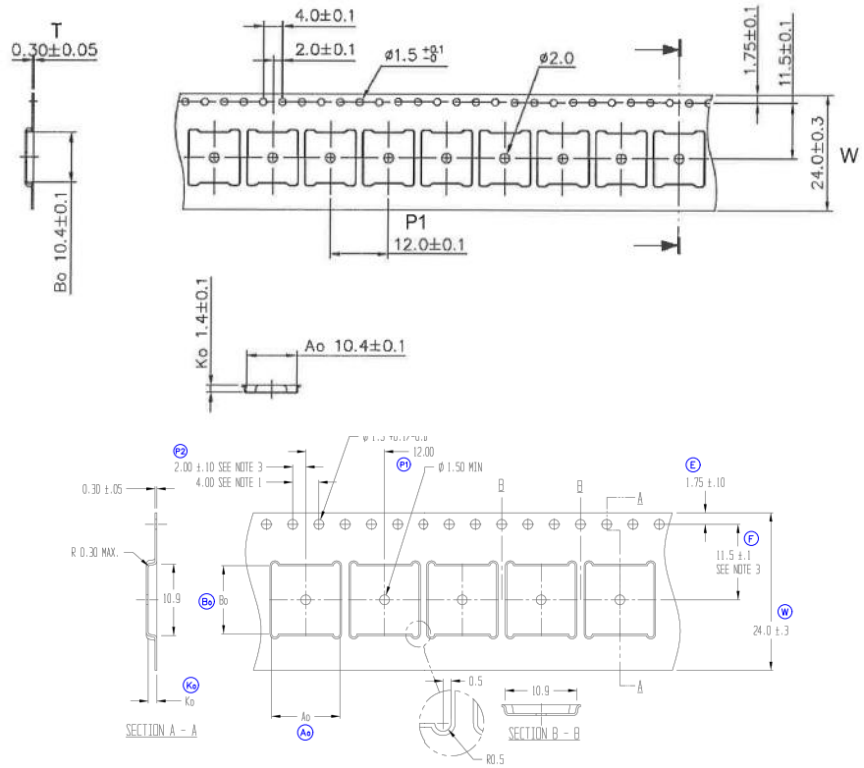
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Pre and Post Change – T&R – Carrier Tape (For 72L VQFN (10x10x0.9mm) package only)

SIGT



MTAI

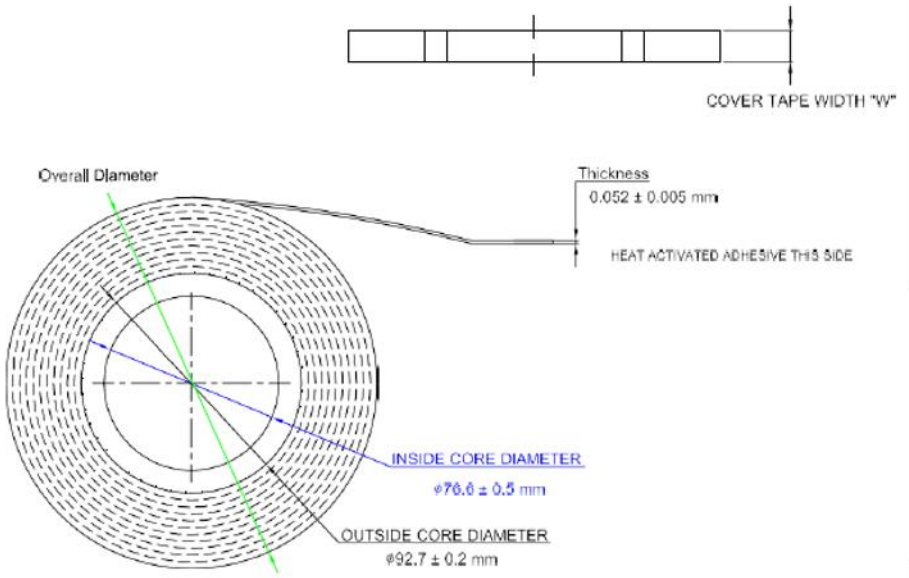
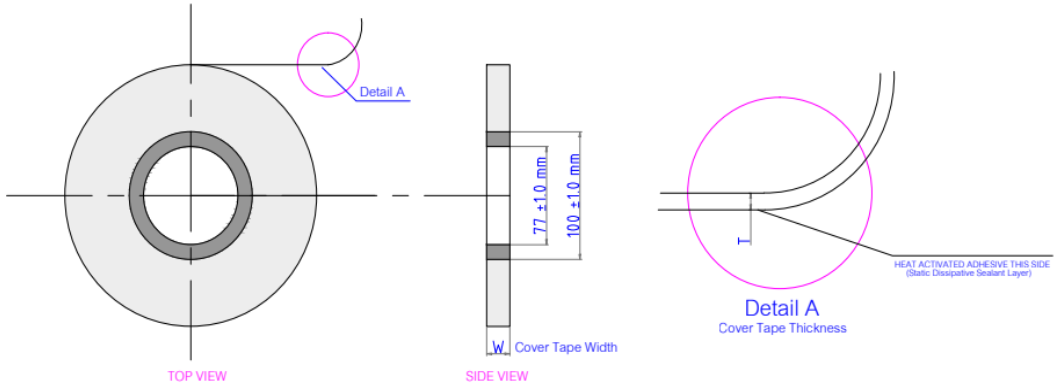


Plant	W (mm)	P (mm)	A0 (mm)	B0 (mm)	K0 (mm)	Thickness (mm)
SIGT	24.00 ±0.3	12.00 ±0.1	10.40 ±0.10	10.40 ±0.10	1.40 ±0.10	0.30 ±0.05
MTAI	24.00 ±0.3	12.00 ±0.1	10.40 ±0.10	10.40 ±0.10	1.40 ±0.10	0.30 ±0.05
	24.00 ±0.3	12.00 ±0.1	10.40 ±0.10	10.40 ±0.10	1.34 ±0.10	0.30 ±0.05

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Pre and Post Change – T&R – Cover Tape

For 128L TQFP (14x14x1mm) and 72L VQFN (10x10x0.9mm) packages

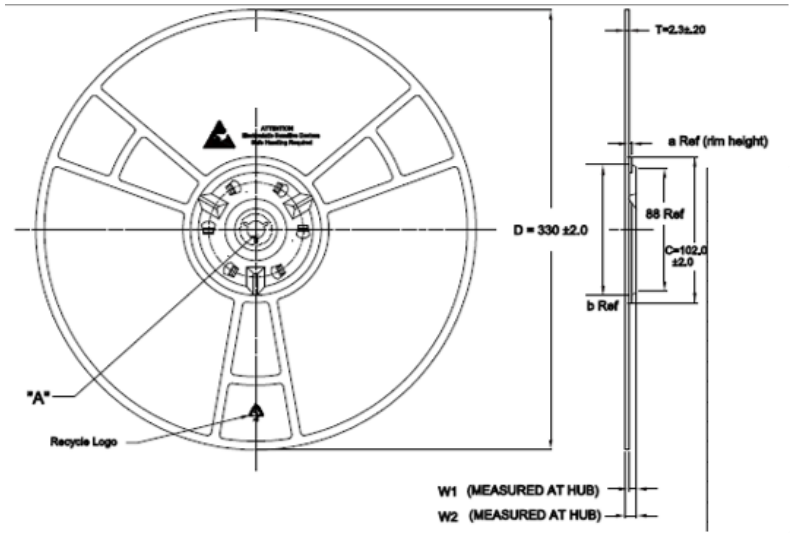
SIGT	MTAI
	

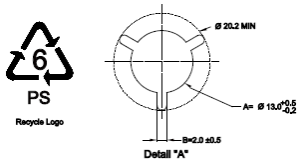
Plant	Width W (mm)	Thickness T (mm)	Color	Sealing Methodology
SIGT	21.3 ±0.1	0.052 ±0.005	Clear	Heat sealing
MTAI	21.0 ±0.1	0.050 ±0.010	Clear	Heat sealing

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Pre and Post Change – T&R – Plastic Reel (For 128L TQFP (14x14x1mm) package only)

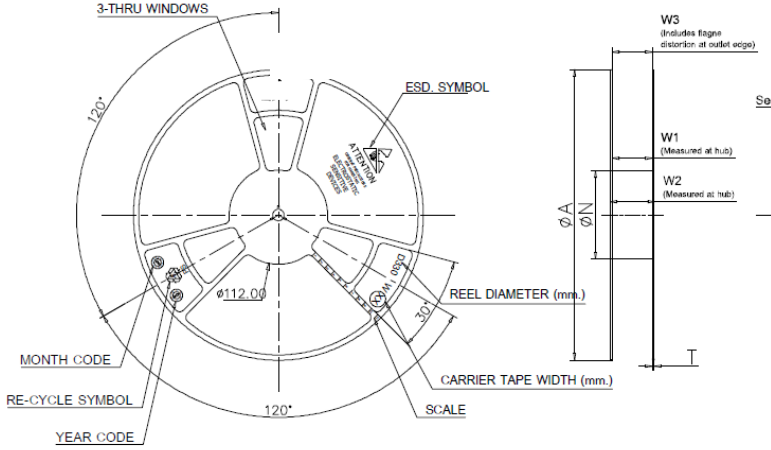
SIGT







MTAI



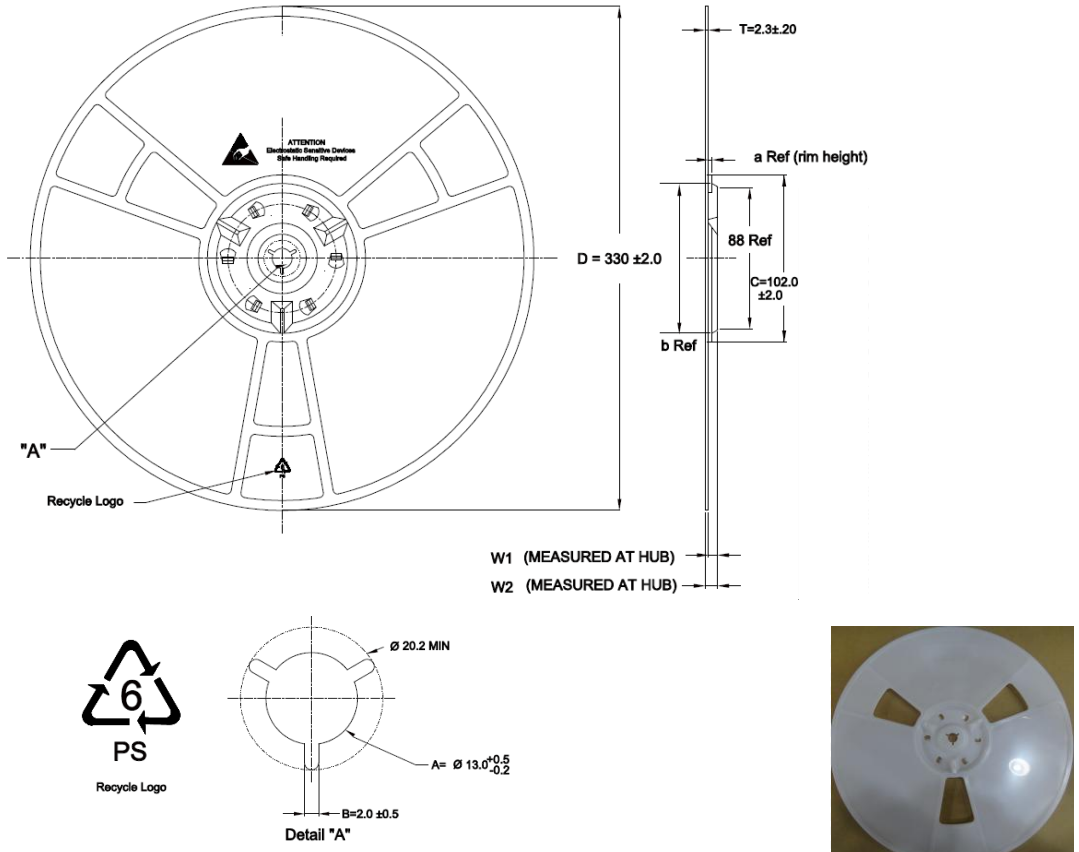


Plant	Reel Diameter (mm)	Reel Hub Size (mm)	Reel Width Max (mm)	Color
SIGT	330 ±2.0	102 ±2.0	30.20	White
MTAI	330 ±2.0	100 ±2.0	30.40	Dark Blue

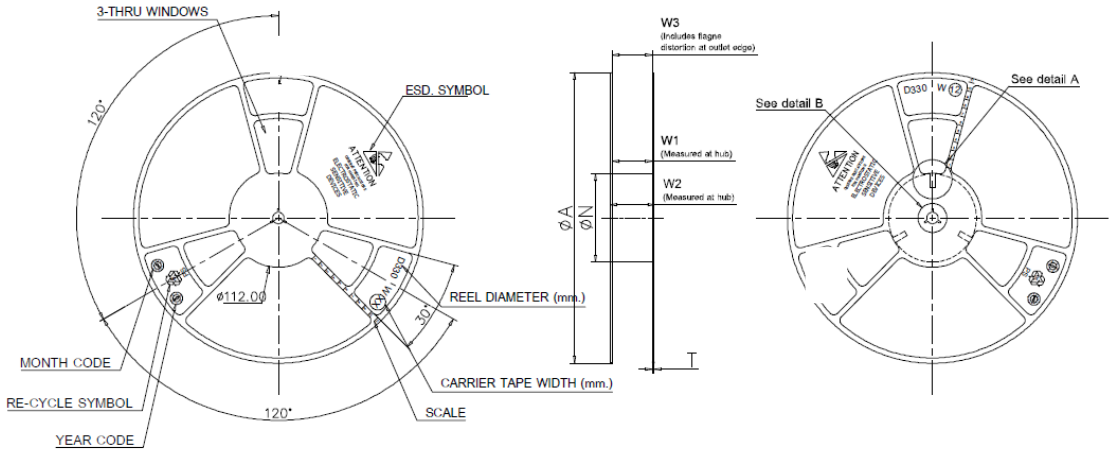
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Pre and Post Change – T&R – Plastic Reel (For 72L VQFN (10x10x0.9mm) package only)

SIGT



MTAI





Plant	Reel Diameter (mm)	Reel Hub Size (mm)	Reel Width Max (mm)	Color
SIGT	330 ±2.0	102 ±2.0	24.80	White
MTAI	330 ±2.0	100 ±2.0	30.40	Dark Blue

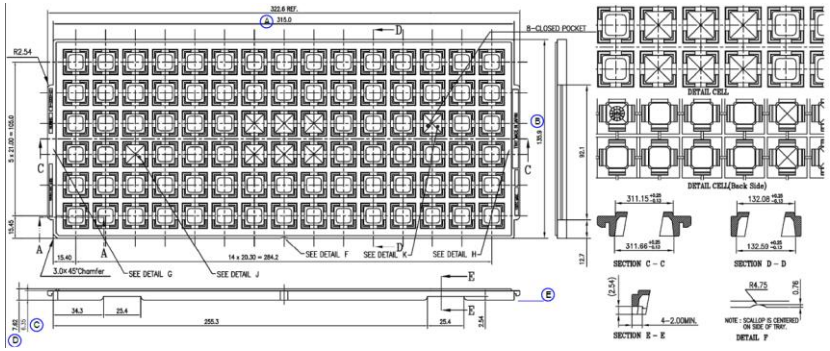
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Pre and Post Change – TRAY

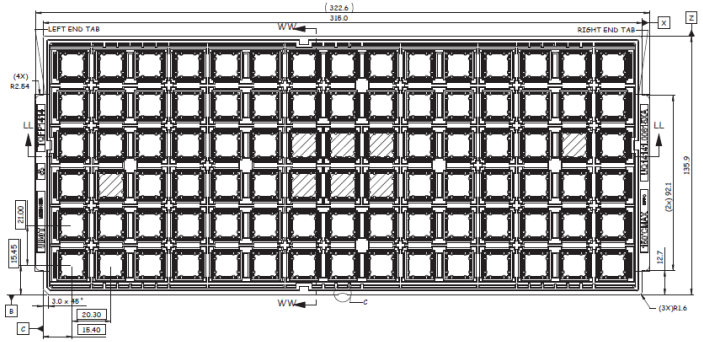
Applicable for CPNs LAN9420I-NU, LAN9420-NU, LAN9311-NU, LAN9313-NU-TR, LAN9313-NU, USB2251I-NU-06-CAG, USB2250I-NU-06, USB2251-NU-06, USB2251I-NU-06, USB2250-NU-06, LAN91C111I-NU, LAN91C113-NU and LAN91C111-NU

SIGT

Supplier A

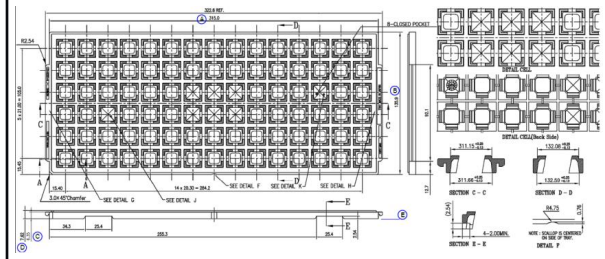


Supplier B

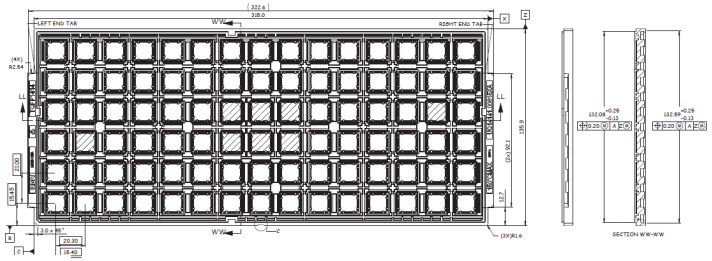


MTAI

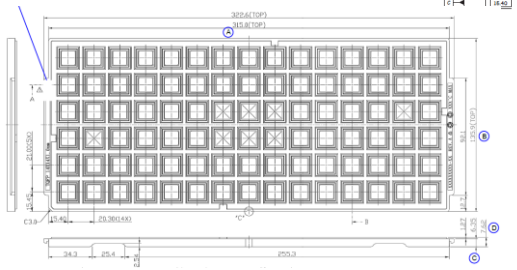
Supplier A



Supplier B



Supplier C



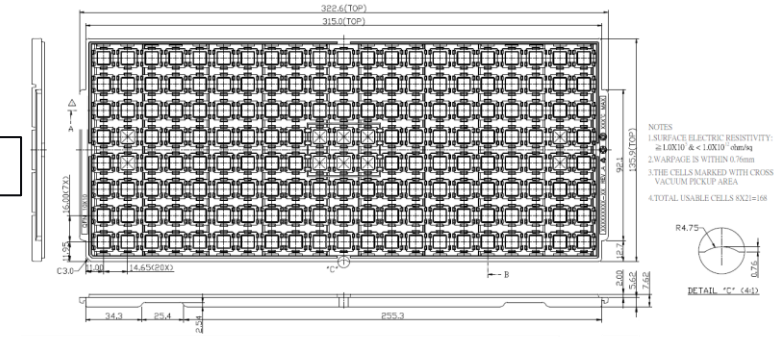
Plant	Supplier	Bakeable (Temp C)	Row	Col	Unit per Tray	Color	Tray Stack
SIGT	A	150°C MAX	6	15	90	Black	10+1
	B	150°C MAX	6	15	90	Black	10+1
MTAI	A	150 °C MAX	6	15	90	Black	10+1
	B	150 °C MAX	6	15	90	Black	10+1
	C	150 °C MAX	6	15	90	Black	10+1

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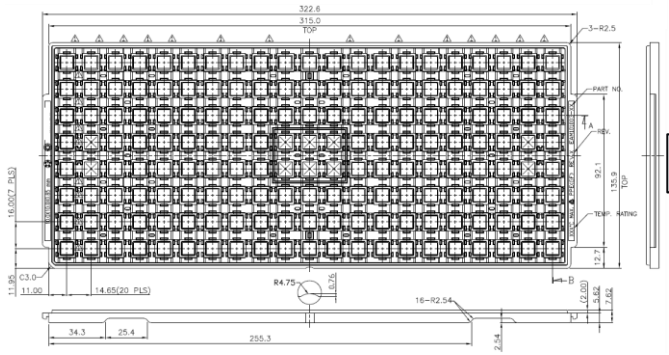
Pre and Post Change – TRAY (For 72L VQFN (10x10x0.9mm) package only)

SIGT

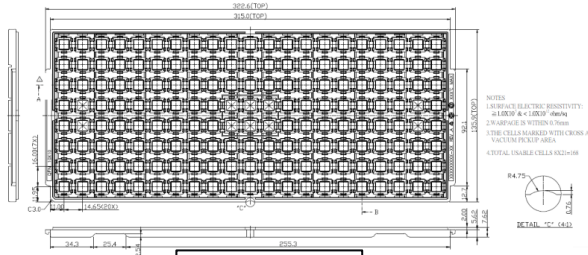
Supplier A



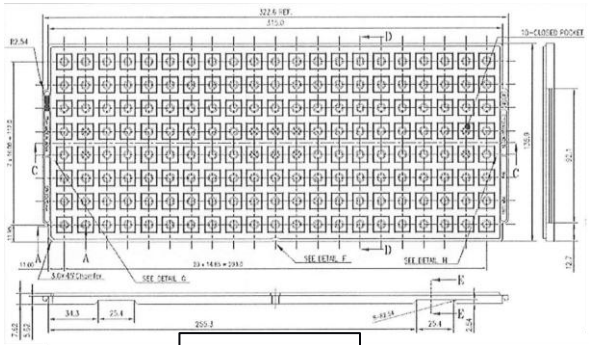
Supplier B



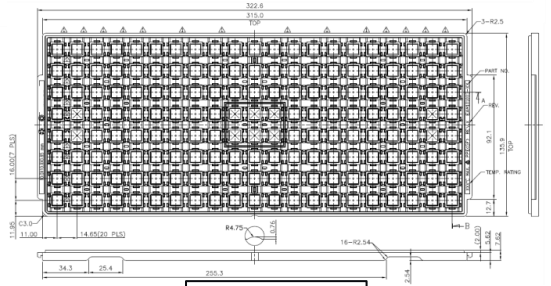
MTAI



Supplier A



Supplier C



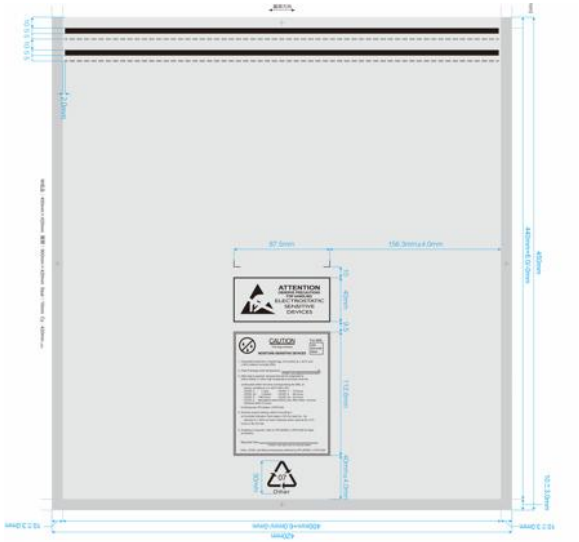
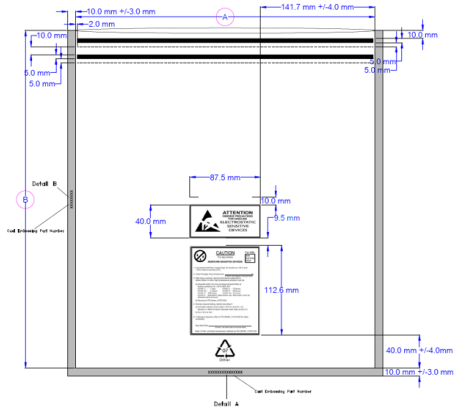
Supplier B

Plant	Supplier	Bakeable (Temp C)	Row	Col	Unit per Tray	Color	Tray Stack
SIGT	A	150 °C MAX	8	21	168	Black	10+1
	B	150 °C MAX	8	21	168	Black	10+1
MTAI	A	150 °C MAX	8	21	168	Black	10+1
	B	150 °C MAX	8	21	168	Black	10+1
	C	150 °C MAX	8	21	168	Black	10+1

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Pre and Post Change – T&R – Bag

For 128L TQFP (14x14x1mm) and 72L VQFN (10x10x0.9mm) packages

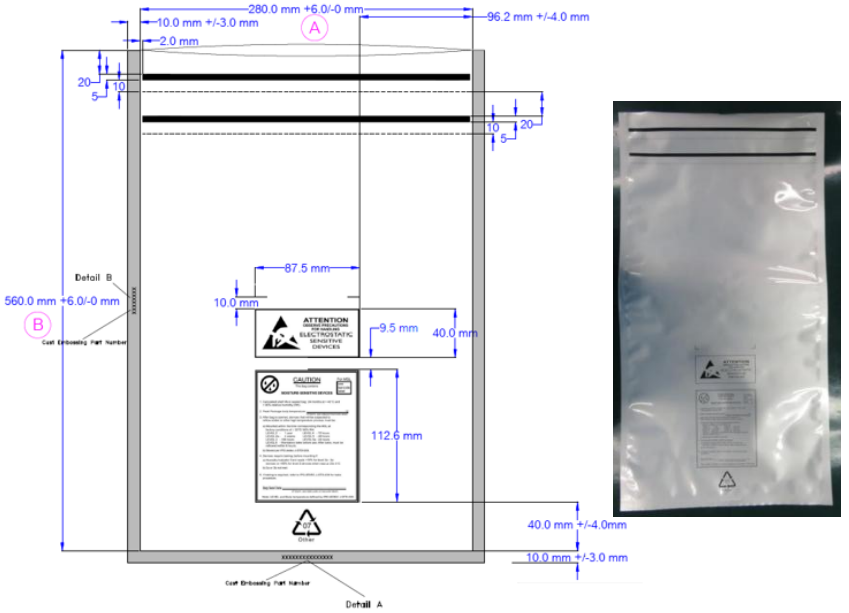
SIGT	MTAI
 	 

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

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Pre and Post Change – TRAY – Bag

For 128L TQFP (14x14x1mm), 72L VQFN (10x10x0.9mm) and 128L QFP (14x20x2.7mm) packages

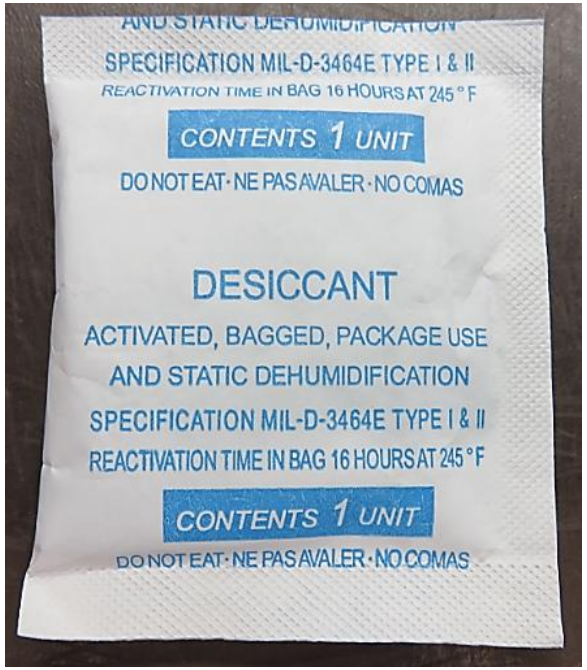
SIGT	MTAI
	

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

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Pre and Post Change – Desiccant

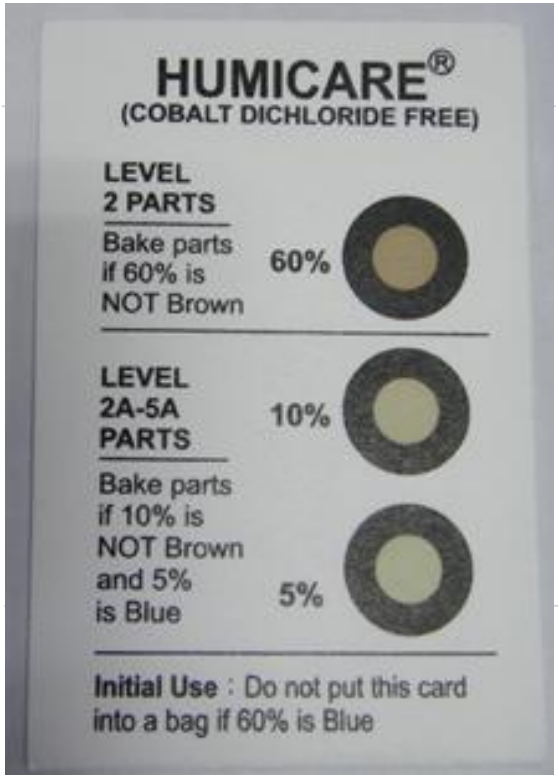
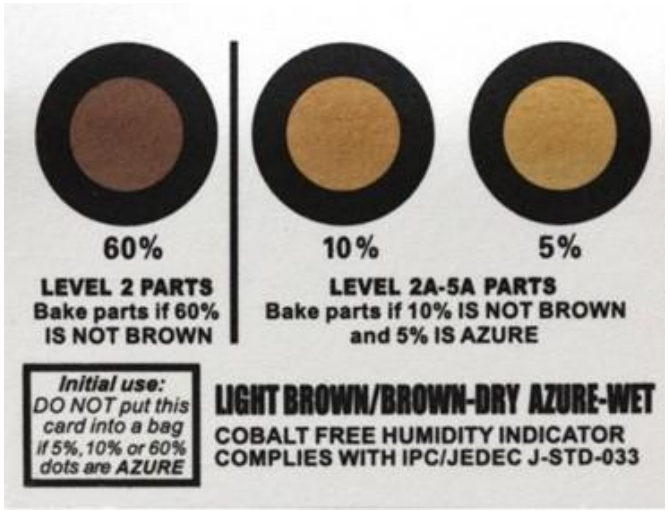
For 128L TQFP (14x14x1mm), 72L VQFN (10x10x0.9mm) and 128L QFP (14x20x2.7mm) packages

SIGT	MTAI
	
Desiccant each unit is 33 g	Desiccant each unit is 33g

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Pre and Post Change – Humidity Indicator (HIC)

For 128L TQFP (14x14x1mm), 72L VQFN (10x10x0.9mm) and 128L QFP (14x20x2.7mm) packages

SIGT	MTAI
	
▪ 3 Dots (5%, 10%, 60%) ▪ Cobalt Free	▪ 3 Dots (5%, 10%, 60%) ▪ Cobalt Free

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Pre and Post Change – T&R – Packing Method

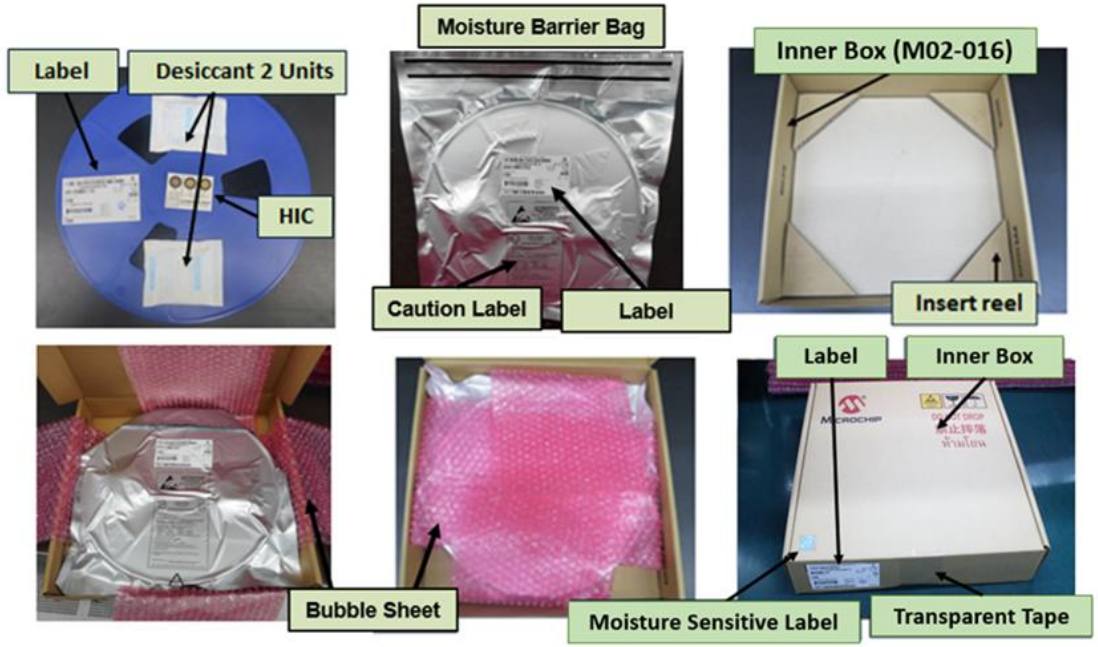
For 128L TQFP (14x14x1mm) package only

SIGT



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

MTAI



Inner Box
Dimension W x L x H (cm)
37x35.3x7.7

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Pre and Post Change – T&R – Packing Method

For 72L VQFN (10x10x0.9mm) package only

SIGT

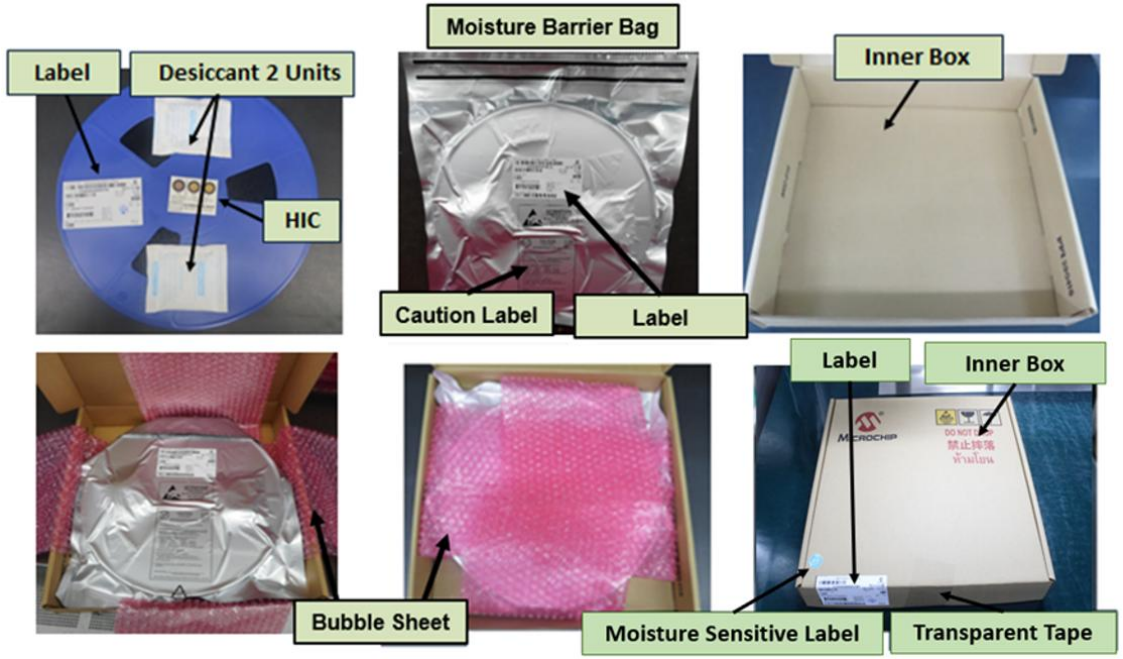







Inner Box
Dimension W x L x H (cm)
35.6x34x5

MTAI



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

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Pre and Post Change – TRAY – Packing Method

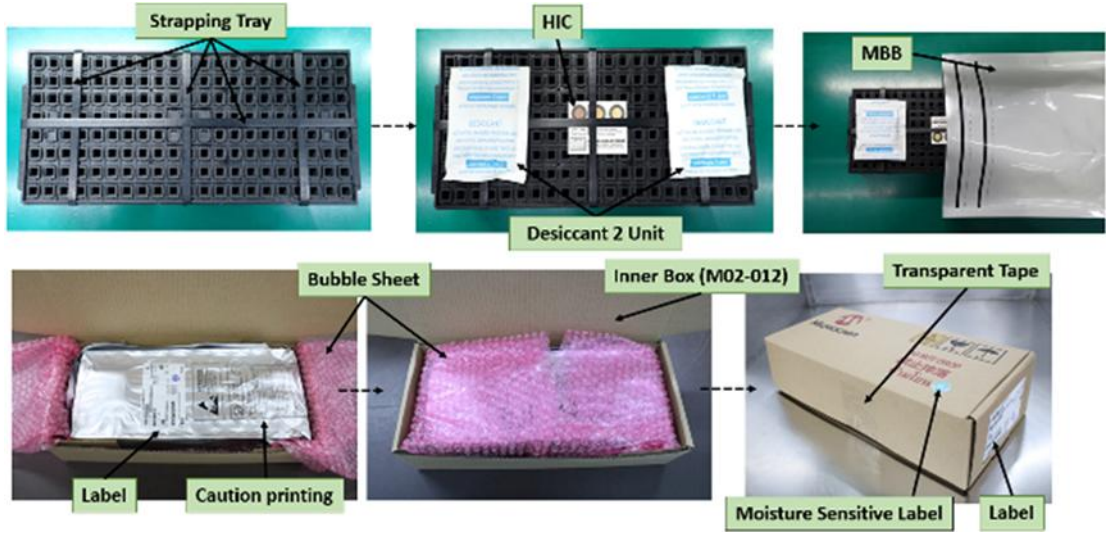
For 128L TQFP (14x14x1mm), 72L VQFN (10x10x0.9mm) and 128L QFP (14x20x2.7mm) packages

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

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QUALIFICATION REPORT SUMMARY

PCN#: CBOL-09ITUX316

Date:
September 30, 2026

Qualification of MTAI as a new final test site and scan and pack site for selected USB2250, USB2251, LAN91C111, LAN91C113, LAN9311, LAN9313, LAN9312, LAN9420, USB5537B, LAN9303M and LAN8810 device families available in 128L TQFP (14x14x1mm), 72L VQFN (10x10x0.9mm) and 128L QFP (14x20x2.7mm) packages.

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CCB No.: 8280.002

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 the Bin and Yield data.	33	1	≤0.1%	**Pass**
Parametric / Characterization Correlation	Characterize the same units at existing and destination locations and compare data	33	1	≤10.0%	**Pass**
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%	**Pass**