



Product Change Notification: MAAN-01QHRB919

Date:

04-Sep-2026

Product Category:

32-Bit Microcontrollers

Notification Subject:

CCB 8369 Final Notice: Qualification of MTAI as an additional scan and pack site for selected ATSAM21E16, ATSAM21E15, ATSAM21E15L, ATSAM21E16L, ATSAMDA1E14B, ATSAMDA1E15B, ATSAMDA1E16B, ATSAM20E16, PIC32CM1602GV00032, PIC32CM3204GV00032, ATSAM20E14, ATSAM20E15, ATSAMC21E15A, ATSAMC21E17A, ATSAMC21E18A, PIC32CM6408JH00032, PIC32CM3204JH00032, ATSAMC20E17A, ATSAMC20E18A, ATSAMC20E16A, ATSAMC21E16A, ATSAMC20E15A, ATSAM21E17, ATSAM21E18, ATSAM20E18 and ATSAM20E17 device families available in 32L TQFP (7x7x1mm) package.

Affected CPNs:

[MAAN-01QHRB919_Affected_CPN_09042026.pdf](#)

[MAAN-01QHRB919_Affected_CPN_09042026.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 an additional scan and pack site for selected ATSAM21E16, ATSAM21E15, ATSAM21E15L, ATSAM21E16L, ATSAMDA1E14B, ATSAMDA1E15B, ATSAMDA1E16B, ATSAM20E16, PIC32CM1602GV00032, PIC32CM3204GV00032, ATSAM20E14, ATSAM20E15, ATSAMC21E15A, ATSAMC21E17A, ATSAMC21E18A, PIC32CM6408JH00032, PIC32CM3204JH00032, ATSAMC20E17A, ATSAMC20E18A, ATSAMC20E16A, ATSAMC21E16A, ATSAMC20E15A, ATSAM21E17, ATSAM21E18, ATSAM20E18 and ATSAM20E17 device families available in 32L TQFP (7x7x1mm) package.

Pre and Post Summary Changes:

	Pre Change	Post Change		Change (Yes/No)
Scan and Pack Site	Microchip Technology Operations (Phils.) Corp. (MPHL)	Microchip Technology Operations (Phils.) Corp. (MPHL)	Microchip Technology Thailand (HQ) (MTAI)	Yes
Packing Method/Material	See pre and post change summary for comparison.			

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve manufacturability and on time delivery performance by qualifying MTAI as an additional scan and pack site.

Change Implementation Status: In Progress

Estimated First Ship Date: 15 September 2026 (date code: 2638)

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

Timetable Summary:

	September 2026				
Work Week	36	37	38	39	40
Qual Report Availability	x				
Final PCN Issue Date	x				
Estimated Implementation Date			x		

Method to Identify Change: Traceability Code

Qualification Report: Not Applicable.

Revision History: September 04, 2026: Issued final 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_MAAN-01QHRB919_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):

ATSAMC20E16A-ANT
ATSAMC20E16A-AUT
ATSAMC20E16A-AUTS2
ATSAMC20E16A-AZ
ATSAMC20E16A-AZT
ATSAMC20E17A-ANT
ATSAMC20E17A-AUT
ATSAMC20E17A-AZ
ATSAMC20E17A-AZT
ATSAMC20E18A-ANT
ATSAMC20E18A-AUT
ATSAMC20E18A-AZ
ATSAMC20E18A-AZT
ATSAMC21E15A-ANT
ATSAMC21E15A-AUT
ATSAMC21E15A-AZ
ATSAMC21E15A-AZT
ATSAMC21E15A-OAZ
ATSAMC21E15A-OAZT
ATSAMC21E16A-ANT
ATSAMC21E16A-AUT
ATSAMC21E16A-AZ
ATSAMC21E16A-AZT
ATSAMC21E16A-OAZ
ATSAMC21E16A-OAZT
ATSAMC21E17A-ANT
ATSAMC21E17A-AUT
ATSAMC21E17A-AZ
ATSAMC21E17A-AZT
ATSAMC21E17A-OAZ
ATSAMC21E17A-OAZT
ATSAMC21E18A-ANT

MAAN-01QHRB919 - CCB 8369 Final Notice: Qualification of MTAI as an additional scan and pack site for selected ATSAM21E16, ATSAM21E15, ATSAM21E15L, ATSAM21E16L, ATSAMDA1E14B, ATSAMDA1E15B, ATSAMDA1E16B, ATSAM20E16, PIC32CM1602GV00032, PIC32CM3204GV00032, ATSAM20E14, ATSAM20E15, ATSAMC21E15A, ATSAMC21E17A, ATSAMC21E18A, ATSAMC21E18A-AUT

ATSAMC21E18A-AUT64

ATSAMC21E18A-AZ

ATSAMC21E18A-AZ-SL3

ATSAMC21E18A-AZT

ATSAMC21E18A-AZT-SL3

ATSAMC21E18A-OAZ

ATSAMC21E18A-OAZT

ATSAMD20E14A-AN

ATSAMD20E14A-ANT

ATSAMD20E14A-AU

ATSAMD20E14A-AUA2

ATSAMD20E14A-AUT

ATSAMD20E14A-AUTA2

ATSAMD20E14B-AN

ATSAMD20E14B-ANT

ATSAMD20E14B-AU

ATSAMD20E14B-AUT

ATSAMD20E15A-AN

ATSAMD20E15A-ANT

ATSAMD20E15A-AU

ATSAMD20E15A-AUA2

ATSAMD20E15A-AUT

ATSAMD20E15A-AUTA2

ATSAMD20E15B-AN

ATSAMD20E15B-ANT

ATSAMD20E15B-AU

ATSAMD20E15B-AUT

ATSAMD20E15B-AZ

ATSAMD20E16A-AN

ATSAMD20E16A-ANT

ATSAMD20E16A-AU

ATSAMD20E16A-AUA2

ATSAMD20E16A-AUT

ATSAMD20E16A-AUTA2

ATSAMD20E16B-AN

ATSAMD20E16B-ANT
ATSAMD20E16B-AU
ATSAMD20E16B-AUT
ATSAMD20E16B-AZ
ATSAMD20E16B-OAZ
ATSAMD20E17A-AN
ATSAMD20E17A-ANT
ATSAMD20E17A-AU
ATSAMD20E17A-AUA2
ATSAMD20E17A-AUT
ATSAMD20E17A-AUTA2
ATSAMD20E18A-AN
ATSAMD20E18A-ANT
ATSAMD20E18A-AU
ATSAMD20E18A-AUA2
ATSAMD20E18A-AUT
ATSAMD20E18A-AUTA2
ATSAMD21E15B-AF
ATSAMD21E15B-AFT
ATSAMD21E15B-AU
ATSAMD21E15B-AUT
ATSAMD21E15B-AZ
ATSAMD21E15B-AZT
ATSAMD21E15L-AF
ATSAMD21E15L-AFT
ATSAMD21E16B-AF
ATSAMD21E16B-AFT
ATSAMD21E16B-AU
ATSAMD21E16B-AUT
ATSAMD21E16B-AZ
ATSAMD21E16B-AZT
ATSAMD21E16B-OAZ
ATSAMD21E16L-AF
ATSAMD21E16L-AFT
ATSAMD21E17A-AZ

MAAN-01QHRB919 - CCB 8369 Final Notice: Qualification of MTAI as an additional scan and pack site for selected ATSAM21E16, ATSAM21E15, ATSAM21E15L, ATSAM21E16L, ATSAMDA1E14B, ATSAMDA1E15B, ATSAMDA1E16B, ATSAM20E16, PIC32CM1602GV00032, PIC32CM3204GV00032, ATSAM20E14, ATSAM20E15, ATSAMC21E15A, ATSAMC21E17A, ATSAMC21E18A, ATSAM21E17A-AZT

ATSAMD21E18A-AZ

ATSAMD21E18A-AZT

ATSAMDA1E14B-ABT

ATSAMDA1E15B-ABT

ATSAMDA1E16B-ABT

PIC32CM1602GV00032-E/T5X

PIC32CM1602GV00032-I/T5X

PIC32CM1602GV00032T-E/T5X

PIC32CM1602GV00032T-I/T5X

PIC32CM3204GV00032-E/T5X

PIC32CM3204GV00032-I/T5X

PIC32CM3204GV00032T-E/T5X

PIC32CM3204GV00032T-I/T5X

PIC32CM3204JH00032-E/T5X

PIC32CM3204JH00032-I/T5X

PIC32CM3204JH00032T-E/T5X

PIC32CM3204JH00032T-I/T5X

PIC32CM6408JH00032-E/T5X

PIC32CM6408JH00032-I/T5X

PIC32CM6408JH00032T-E/T5X

PIC32CM6408JH00032T-I/T5X

ATSAMC20E15A-ANT

ATSAMC20E15A-AUT

ATSAMC20E15A-AZ

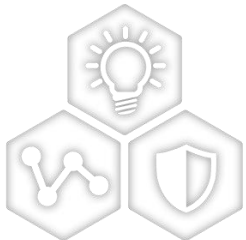
ATSAMC20E15A-AZT

CCB 8369

Pre and Post Change Summary
PCN #: MAAN-01QHRB919

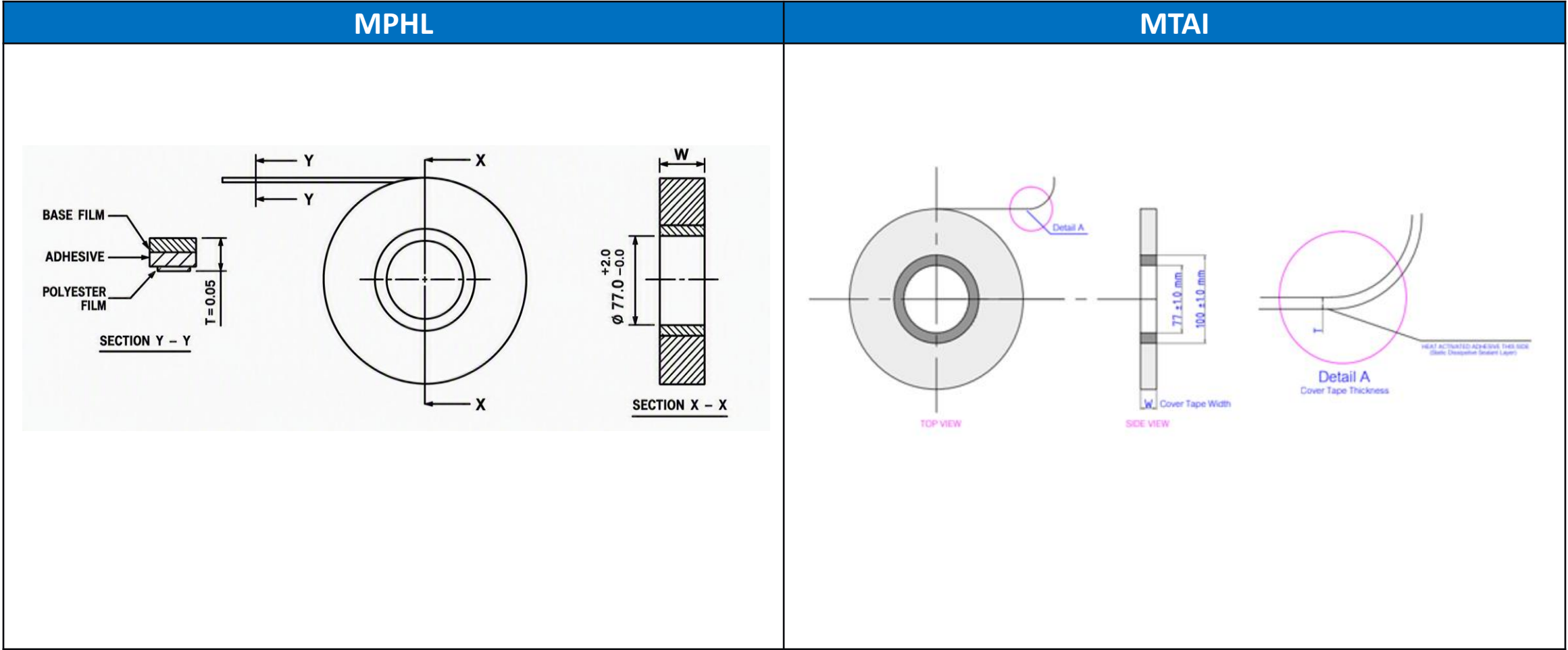


A Leading Provider of Smart, Connected and Secure Embedded Control Solutions



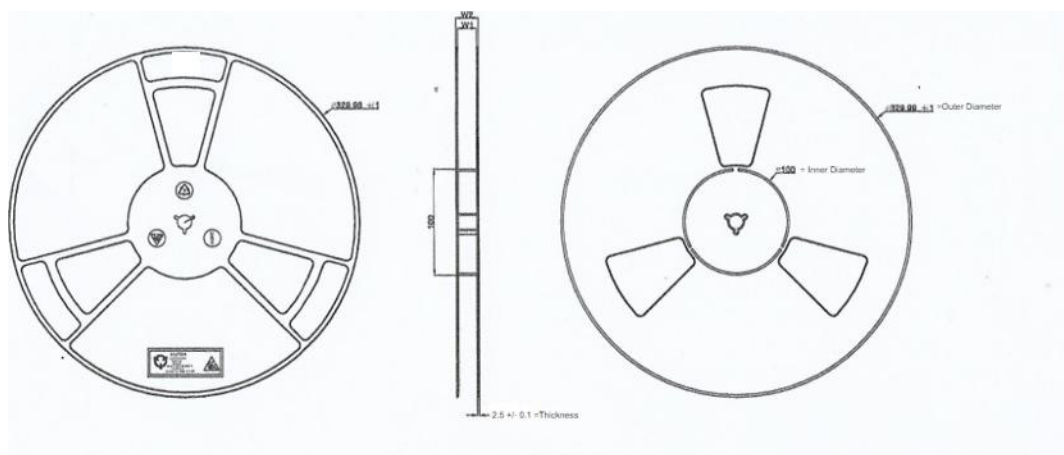
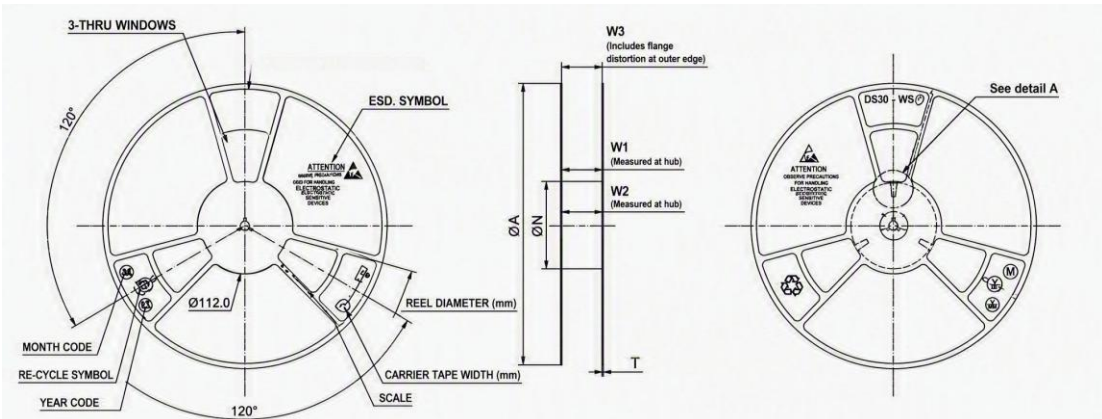
SMART | CONNECTED | SECURE

Pre and Post Change – T&R – Cover Tape



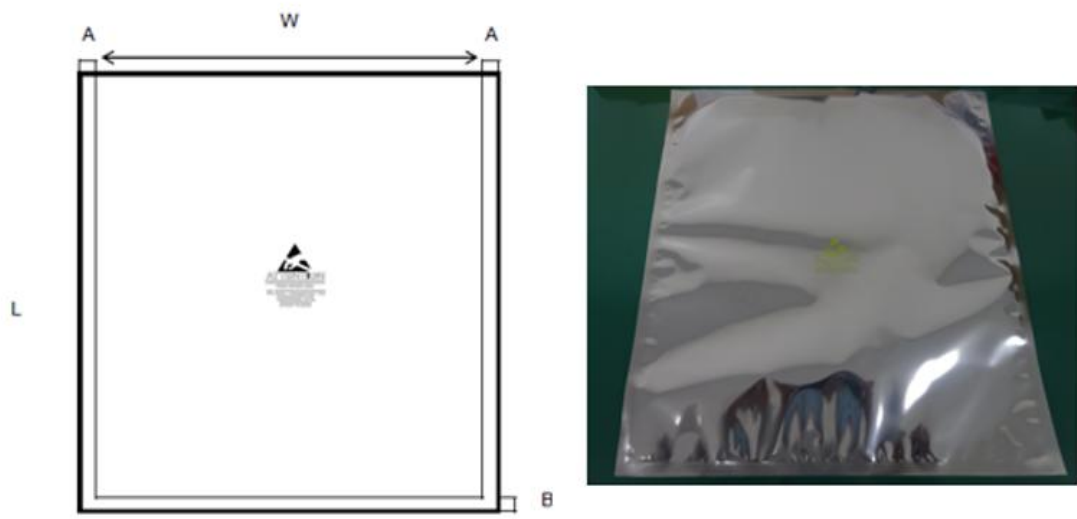
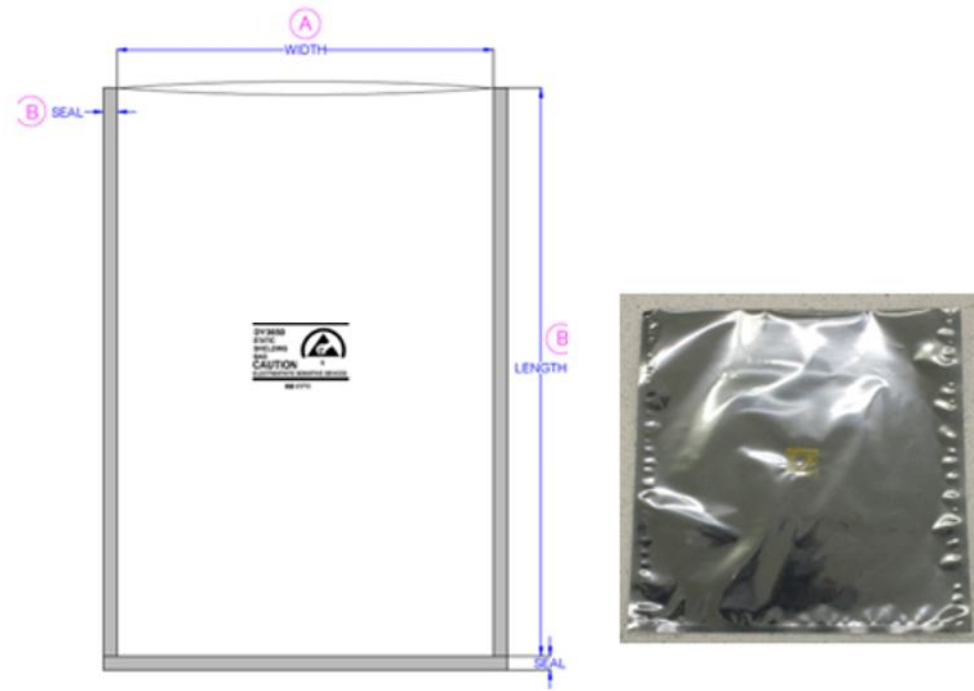
Plant	Width W (mm)	Thickness T (mm)	Color	Sealing Methodology
MPHL	13.3 ± 0.1	0.050 ± 0.010	Clear	Pressure sealing
MTAI	13.3 ± 0.1	0.050 ± 0.010	Clear	Heat sealing

Pre and Post Change – T&R – Plastic Reel

MPHL	MTAI
 	 

Plant	Reel Diameter (mm)	Reel Hub Size (mm)	Reel Width Max (mm)	Color
MPHL	329 ±1	100 ±2	21.5 ±1	White
MTAI	330 ±2	100 ±2	22.40	Dark Blue

Pre and Post Change – T&R – Static Shielding Bag

MPHL	MTAI
 The diagram for the MPHL bag shows a rectangular bag with dimensions: Width (W), Length (L), and a small dimension A at the top corners. A photo shows a white static shielding bag with a yellow label and a black warning symbol.	 The diagram for the MTAI bag shows a rectangular bag with dimensions: Width (A), Length (B), and a small dimension B at the bottom corners. A photo shows a white static shielding bag with a yellow label and a black warning symbol.

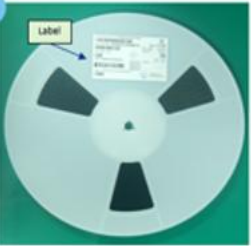
Plant	Bag type	Bag type	Length (mm)	Width (mm)	Thickness (mm)
MPHL	MSL- 1	Static Shielding Bag	381 +5/-0	355 +5/-0	0.0787
MTAI	MSL- 1	Static Shielding Bag	420 +5/-0	370 +5/-0	0.0762

Pre and Post Change – T&R – Packing Method

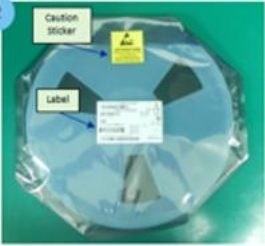
MPHL

Non-Drypack Procedure for xQFP Products

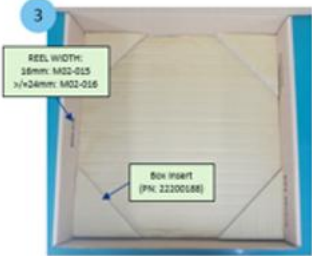
1



2



3



4



5

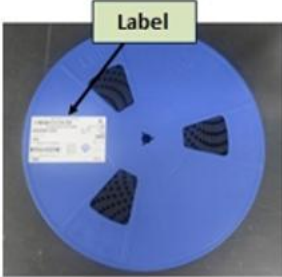


6



Inner box
Dimension W x L x H (cm)
37x35.1x53

MTAI



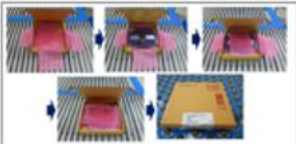




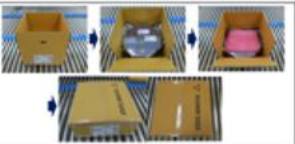
Label

Label

Example: Packing for tape and reel in carton box B2/ B3.(Sample)



Example: Packing for tape and reel in carton box B8.(Sample)

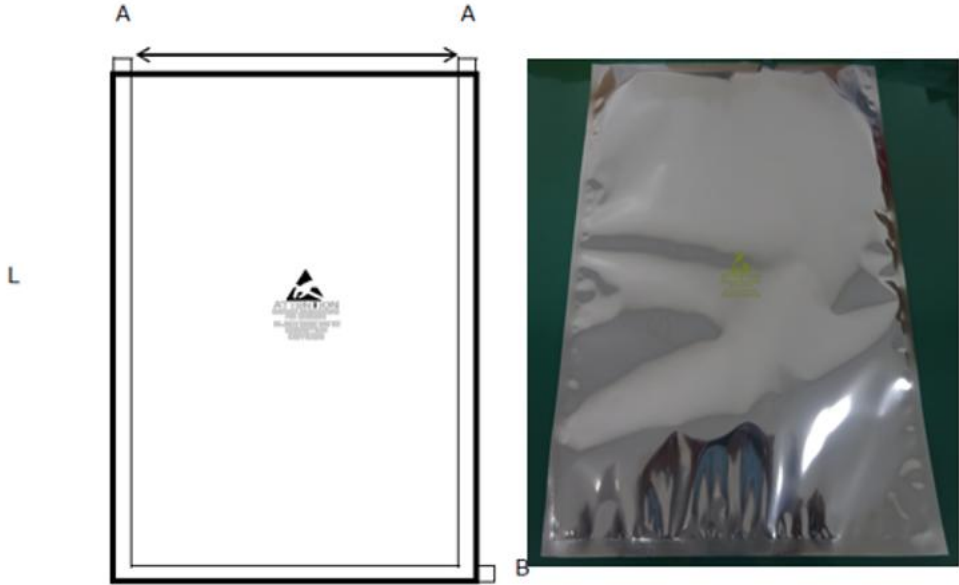
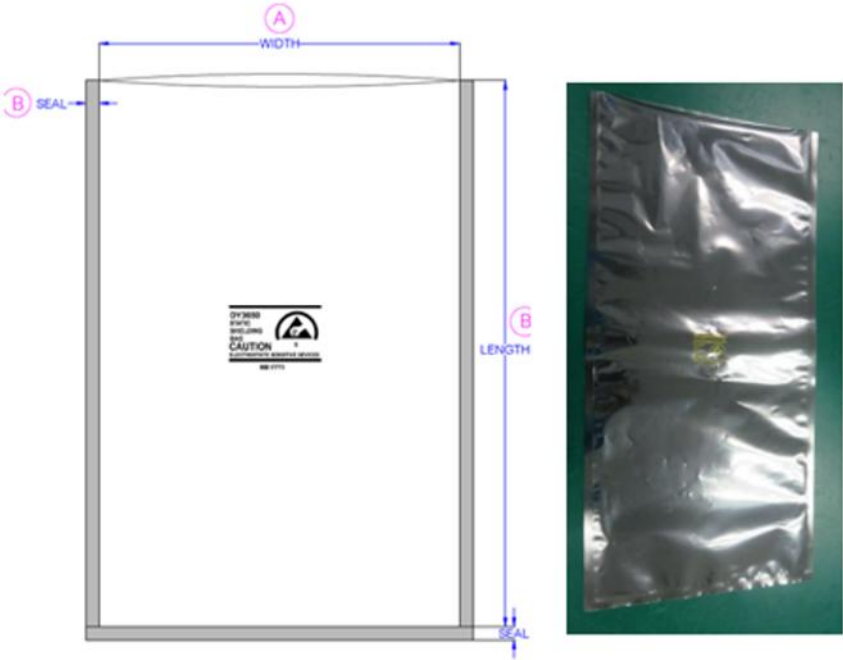


Example: Packing for tape and reel in carton box TT



Dimension W x L x H (cm)	Number of Reel per Carton
36.5x38x39.5	14
35.5x35.5x4	1
35.5x35.5x6	2
35.5x35.5x16.5	6

Pre and Post Change – TRAY– Static Shielding Bag

MPHL	MTAI
 The diagram for the MPHL bag shows a rectangular bag with width dimension 'A' and length dimension 'L'. The photo shows a physical bag with a yellow label and a triangular warning symbol.	 The diagram for the MTAI bag shows a rectangular bag with width dimension 'A', length dimension 'B', and a 'SEAL' label. The photo shows a physical bag with a yellow label and a triangular warning symbol.

Plant	Moisture Sensitivity Level	Bag type	Length (mm)	Width (mm)	Thickness (mm)
MPHL	MSL- 1	Static Shielding Bag	482 +5/-0	228 +5/-0	0.0787
MTAI	MSL- 1	Static Shielding Bag	560 +5/-0	280 +5/-0	0.0762

Pre and Post Change – TRAY– Packing Method

MPHL

MTAI

The diagram illustrates the MPHL packaging process. It begins with a black plastic tray bundling, which is then placed into a bag. The bag is sealed with an ESD Label (marked 'use for seal') and an Intermediate Barcode Label. The bag is then placed into a cardboard box, which is lined with a pink bubble sheet. The box is sealed with an Intermediate Label. The final step shows the box with the Intermediate Label and the bubble sheet visible inside.

TRAY BUNDLING:
3 straps crosswise & 1 lengthwise
Max: 10 full trays + 1 empty tray cover

ESD Label (use for seal)

Open Side of Bag

Intermediate Barcode Label

Bubble Sheet

Open Side of Box

Intermediate Label

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

The diagram illustrates the MTAI packaging process. It shows a Strapping Tray being placed into a box. The box is then sealed with a Label and an SSB (Sealable Shipping Bag). The box is then placed into a larger box, which is lined with a pink bubble sheet. The final step shows the box with the bubble sheet and the Label visible inside.

Strapping Tray

Label

SSB

Bubble Sheet

Inner Box (M02-012)

Label

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