



Product Change Notification: BLAS-25KBJP585

Date:

23-Jun-2026

Product Category:

Gate Drivers and Motor Drivers

Notification Subject:

CCB 7955 Final Notice: Qualification of MTAI as an additional final test site for MIC4420YM, MIC4420YM-TR, MIC4420ZM and MIC4420ZM-TR catalog part numbers (CPN) available in 8L SOIC (.150in) package.

Affected CPNs:

[BLAS-25KBJP585_Affected_CPN_06232026.pdf](#)

[BLAS-25KBJP585_Affected_CPN_06232026.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 final test site for MIC4420YM, MIC4420YM-TR, MIC4420ZM and MIC4420ZM-TR catalog part numbers (CPN) available in 8L SOIC (.150in) package.

Pre and Post Summary Changes:

	Pre Change	Post Change		Change (Yes/No)
Final Test Site	Stars Microelectronics (Thailand) Public Company Limited (STAR)	Stars Microelectronics (Thailand) Public Company Limited (STAR)	Microchip Technology Thailand (HQ) (MTAI)	Yes
Scan and Pack Site				

Cover Tape	See Pre and Post Change for Comparison.	Yes
Plastic Reel	See Pre and Post Change for Comparison.	Yes
Packing Method/Material	See Pre and Post Change for Comparison.	Yes

Impacts to Datasheet: None

Change Impact: None

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

Change Implementation Status: In Progress

Estimated First Ship Date: 10 April 2026 (date code: 2615)

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

Timetable Summary:

	November 2025					>	February 2026				>	April 2026			
Work Week	44	45	46	47	48		06	07	08	09		14	15	16	17
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:

December 01, 2025: Issued initial notification.

February 25, 2026: Issued final notification. Attached the Qualification Report. Provided the Estimated First Ship date to be on April 10, 2026.

June 25, 2026: Re-issued final notification. Updated the Pre and Post Change Summary file to correct the Reel Width Max (mm) for STAR to be 18.40mm.

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_BLAS-25KBJP585_Pre_and_Post_Change_Summary_V1.pdf](#)

[PCN_BLAS-25KBJP585_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):

MIC4420ZM

MIC4420YM-TR

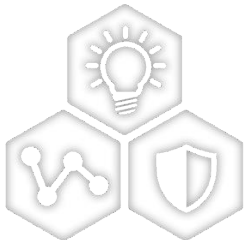
MIC4420YM

MIC4420ZM-TR

CCB 7955
Pre and Post Change Summary
PCN #: BLAS-25KBJP585



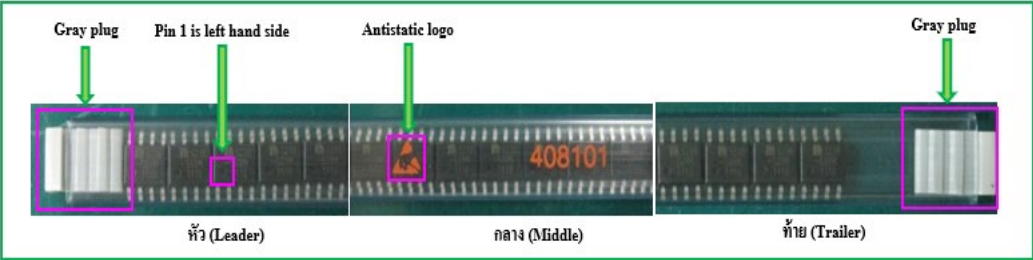
A Leading Provider of Smart, Connected and Secure Embedded Control Solutions



SMART | CONNECTED | SECURE

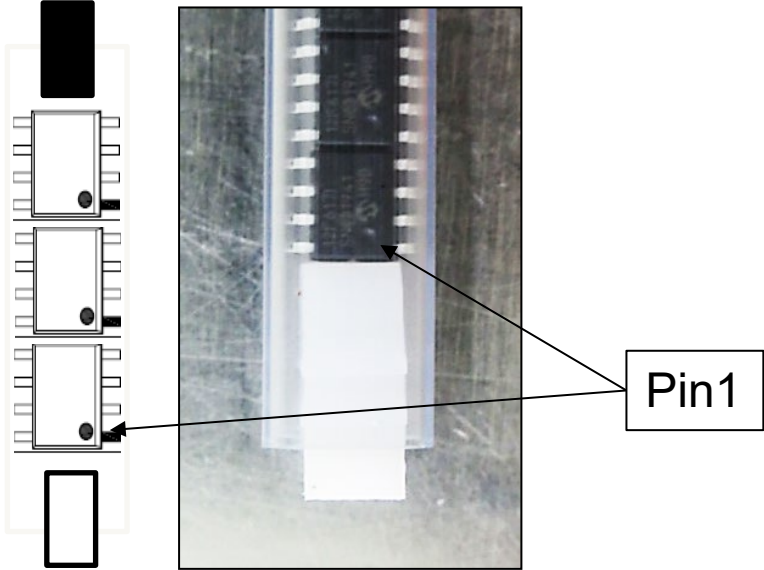
Plug/Pin Color - TUBE

STAR



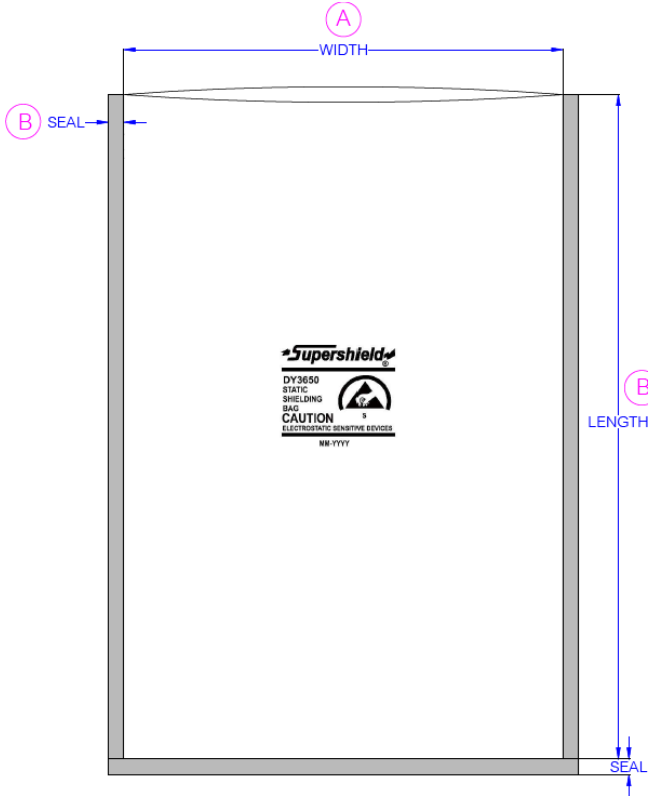
Media	Pin1 Side Color	Opposite Side Color
Plug	Grey	Grey

MTAI



Media	Pin1 Side Color	Opposite Side Color
Plug	WHITE	BLACK

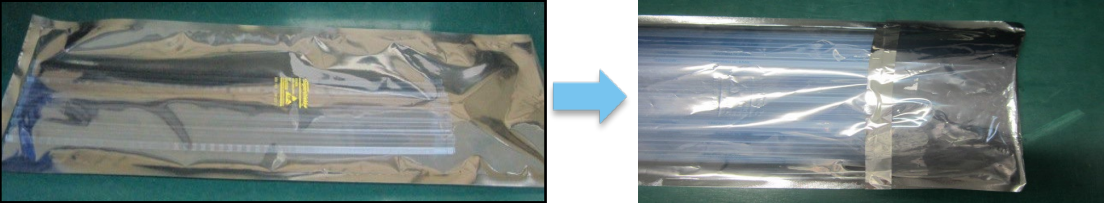
Packing Method – Bag - TUBE

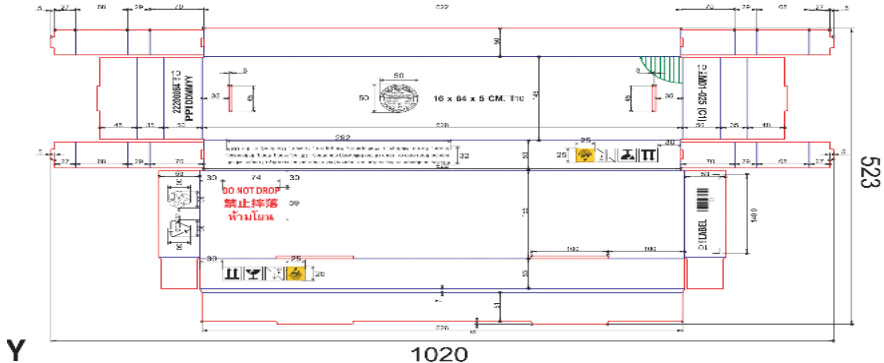
STAR	MTAI
 	 

Plant	Bag type	Length (mm)	Width (mm)	Thickness (mm)
STAR	STATIC SHIELDING BAG	660.4+4.5/-0	177.8+4.5/-0	0.08
MTAI	Static Shielding Bag	650	160	0.0762

Packing Method – Non-Dry Pack - TUBE

STAR





MTAI

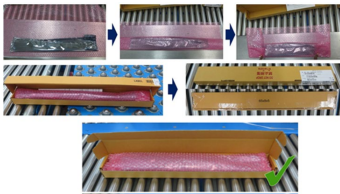


MSL-1 (No inner box)

Carton for product in tubes media (MSL-1)

Carton	Dimension W x L x H (cm)	Number of Bag/carton
M01-025 (C1)	15x64x5.5	1
M01-026 (C2)	15x64x10	2
M01-027 (C3)	15x64x14	3
M01-028 (C4)	28x63x11	4
M01-029 (C6)	28x63x15.5	6
M01-030 (C8)	28x63x20	8

Example:



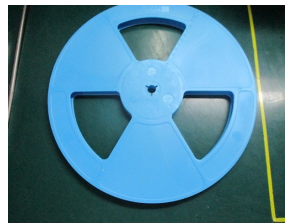
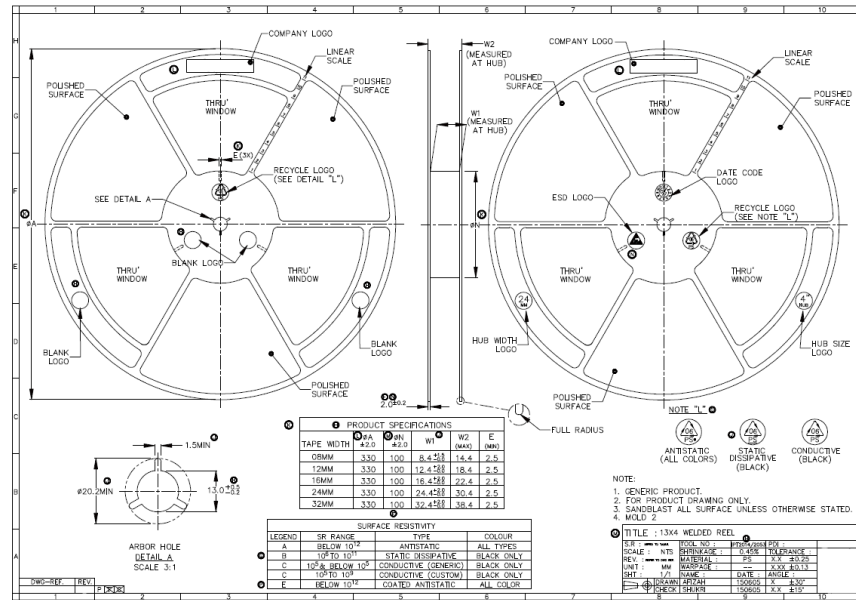
Cover Tape – Tape and Reel

[illegible]

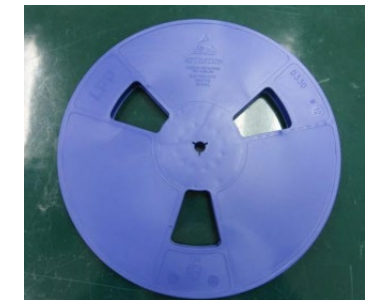
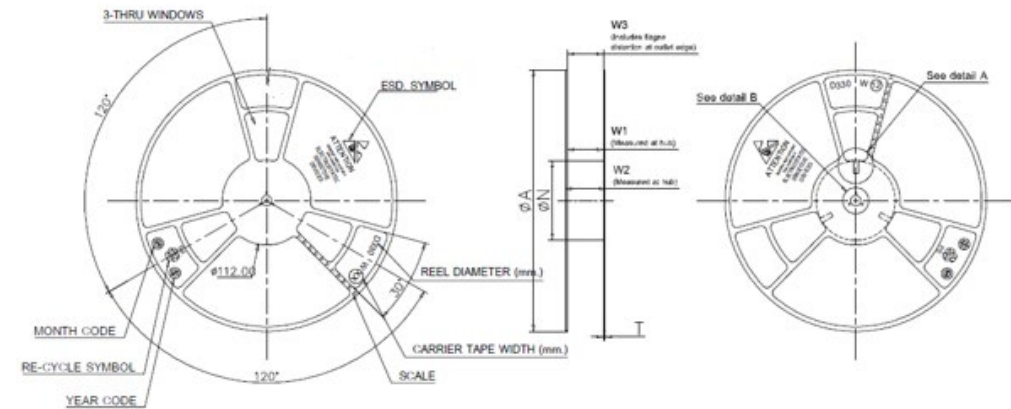
Plant	Width W (mm)	Thickness T (mm)	Color	Sealing Methodology
STAR	9.20±0.10	0.056±0.005	Clear	Heat sealing
MTAI	9.05+0.05/-0.15	0.050 ±0.010	Clear	Heat sealing

Plastic Reel – Tape and Reel

STAR

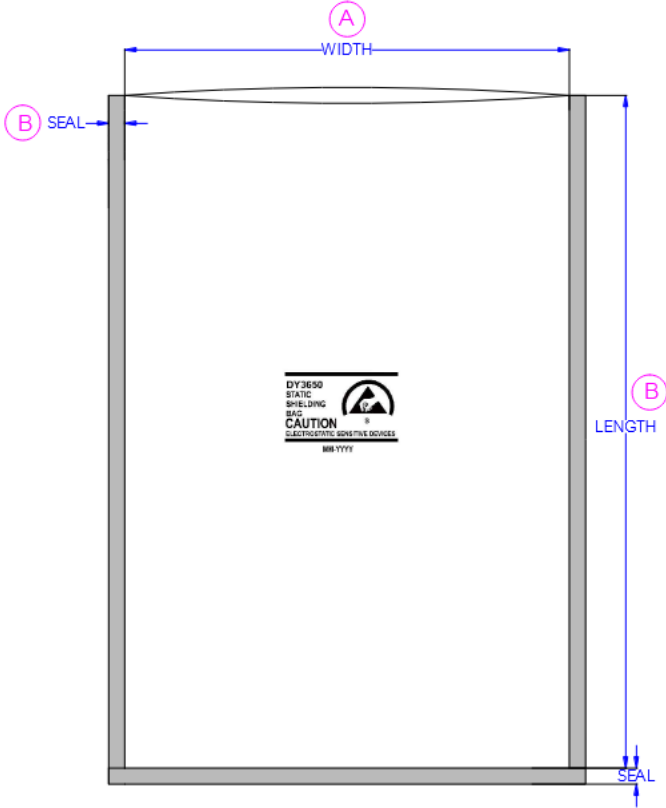


MTAI



Plant	Reel Diameter (mm)	Reel Hub Size (mm)	Reel Width Max (mm)	Color
STAR	330±2.0	100±2.0	18.40	Blue
MTAI	330 ±2.0	100 ±2.0	18.40	Dark Blue

Packing Method – Bag – Tape and Reel

STAR	MTAI
	

Plant	Bag type	Length (mm)	Width (mm)	Thickness (mm)
STAR	Static shielding bags, as ESD (Electro-Static Discharge) bag	457.2 +4.572/-0	368.3+4.572/-0	0.08+/-10%
MTAI	Static Shielding Bag	420	370	0.0762

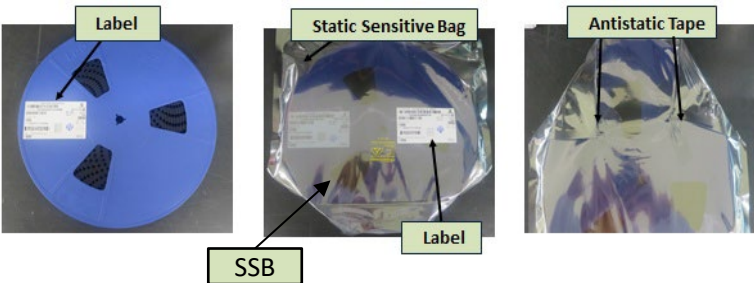
Packing Method – Non-Dry Pack – Tape and Reel

STAR



Carton DWG	Dimension W x L x H (cm)	Number of Bag/carton
Pizza Box: DWG-M02-015	37x35.1x5.3	1

MTAI



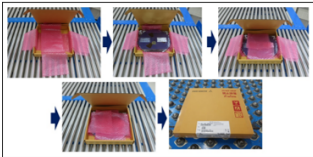
MSL-1 (No inner box)

Carton for product in tubes media (MSL-1)

Carton	Dimension W x L x H (cm)	Number of reel per carton
		Reel diameter (D) = 330mm
		Carrier Tape Width 12mm
M01-011 (TT)	36.5x38x39.5	15
M01-012 (B1)	35.5x35.5x2.8	1
M01-013 (B2)	35.5x35.5x4	2
M01-014 (B3)	35.5x35.5x6	3
M01-015 (B8)	35.5x35.5x16.5	8

Example:

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



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



Packing for tape and reel in carton box TT





MICROCHIP

QUALIFICATION REPORT SUMMARY

PCN #: BLAS-25KBJP585

Date:

February 17, 2026

Qualification of MTAI as an additional final test site for MIC4420YM, MIC4420YM-TR, MIC4420ZM and MIC4420ZM-TR catalog part numbers (CPN) available in 8L SOIC (.150in) package.

Purpose: Qualification of MTAI as an additional final test site for MIC4420YM, MIC4420YM-TR, MIC4420ZM and MIC4420ZM-TR catalog part numbers (CPN) available in 8L SOIC (.150in) package.

CCB No.: 7955

Test Name	Test Conditions	Sample Size	Qty of Lots	Fail/Accept Criteria	Results
Bin and Yield Comparison	Send 3K lot tested devices from the original site to the new site. Retest them using the same test flow, and sort good and rejected devices into separate bins. Compare results from both sites. They should match within $\pm 0.1\%$.	3000	1	$\leq 0.1\%$	PASSED
Parametric Correlation	Test 33 good devices at the original site using DC parameters from the datasheet. Send these devices to the new site and retest them with the same DC tests. Results should be within $\pm 10\%$ of the original site's values.	33	1	$\leq 10.0\%$	PASSED
Correlation Lot report	Yield at each step and reject analysis between systems. 33 units are tested as lot correlation.	33	1	$\leq 0.1\%$	PASSED