



Product Change Notification: MFOL-20RLLB058

Date:

02-Jul-2025

Product Category:

Linear Regulators, Power Management - System Supervisors/Voltage Detectors

Notification Subject:

CCB 7584 Final Notice: Qualification of UNIG as an additional final test location and scan and pack for selected MIC5350, MIC5332, MIC5331, and MIC2793 device families available in 8L UDFN (2x2x0.6mm) package.

Affected CPNs:

[MFOL-20RLLB058_Affected_CPN_07022025.pdf](#)

[MFOL-20RLLB058_Affected_CPN_07022025.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 UNIG as an additional final test location and scan and pack for selected MIC5350, MIC5332, MIC5331, and MIC2793 device families available in 8L UDFN (2x2x0.6mm) package.

Pre and Post Summary Changes:

	Pre Change	Post Change	
Final Test Site	Unisem Chengdu Co.,Ltd. (UNIC)	Unisem Chengdu Co.,Ltd. (UNIC)	Unisem Gopeng (UNIG)
Scan and Pack Site			
Carrier Tape	With minor dimensional change. See Pre and Post change summary for comparison.		

Cover Tape	With minor dimensional change. See Pre and Post change summary for comparison.
Reel	With minor dimensional change. See Pre and Post change summary for comparison.
Packing Method/Material	See Pre and Post change for comparison.

Impacts to Datasheet: None

Change Impact: None

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

Change Implementation Status: In Progress

Estimated First Ship Date: 28 July 2025 (date code: 2531)

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 2025					>	July 2025				
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 23, 2025: Issued initial notification.

July 2, 2025: Issued final notification. Attached the Qualification Report. Provided the estimated first ship date to be on July 28, 2025.

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_MFOL-20RLLB058_Pre and Post Change Summary.pdf

PCN_MFOL-20RLLB058_Qualification Report.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.

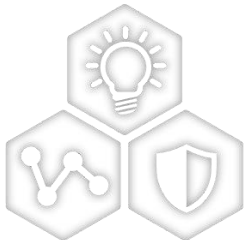
Affected Catalog Part Numbers (CPN)

MIC2793NH-04VMT-T5
MIC2793LH-04VMT-TR
MIC5350-SGYMT-TR
MIC5332-PMYMT-TR
MIC5332-NNYMT-TR
MIC5332-J4YMT-TR
MIC5350-SMYMT-TR
MIC5350-PGYMT-TR
MIC5350-MMYMT-TR
MIC5350-MGYMT-TR
MIC5331-G4YMT-TR
MIC5332-SSYMT-TR
MIC5332-SSYMT-T5
MIC5332-PPYMT-TR
MIC5332-PNYMT-TR
MIC5332-MNYMT-TR
MIC5332-MMYMT-TR
MIC5332-G4YMT-TR
MIC5331-PPYMT-TR
MIC5331-PNYMT-TR
MIC5331-PMYMT-TR
MIC5331-NNYMT-TR
MIC5331-MNYMT-TR
MIC5331-MMYMT-TR
MIC5331-J4YMT-TR
MIC2793LH-04VMT-T5
MIC2793NH-04VMT-TR

CCB 7584
Pre and Post Change Summary
PCN #: MFOL-20RLLB058

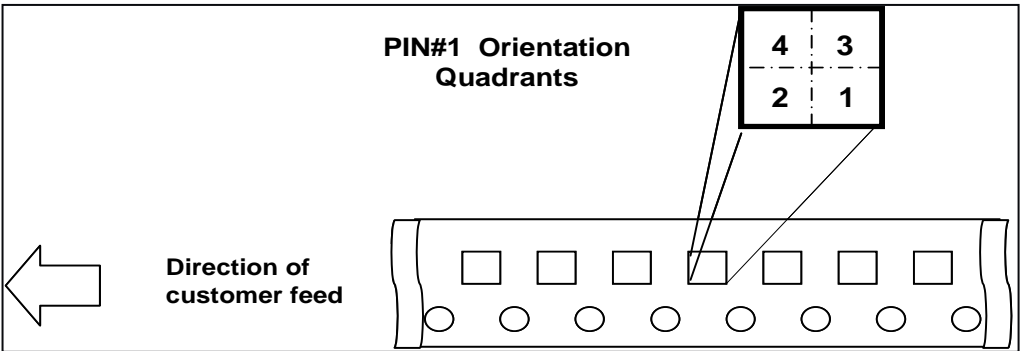
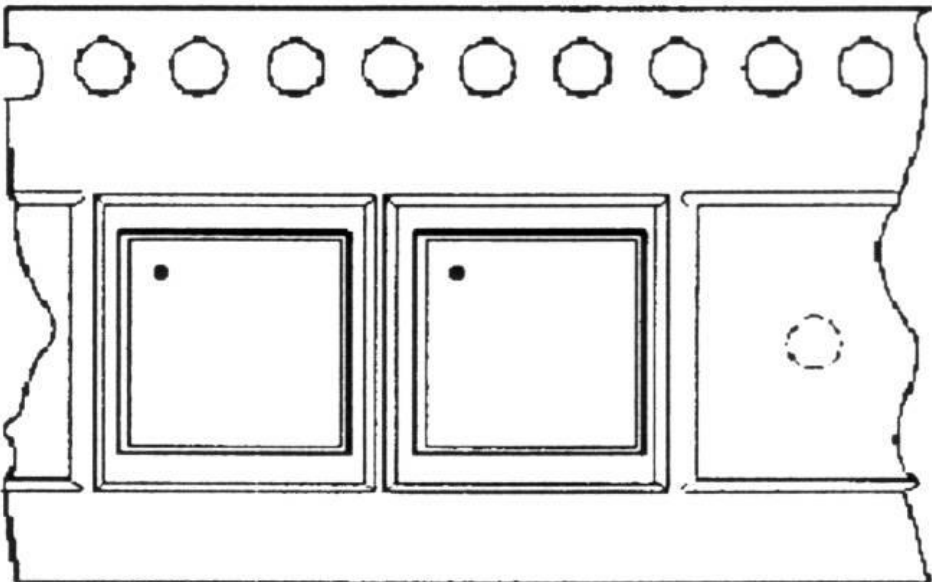


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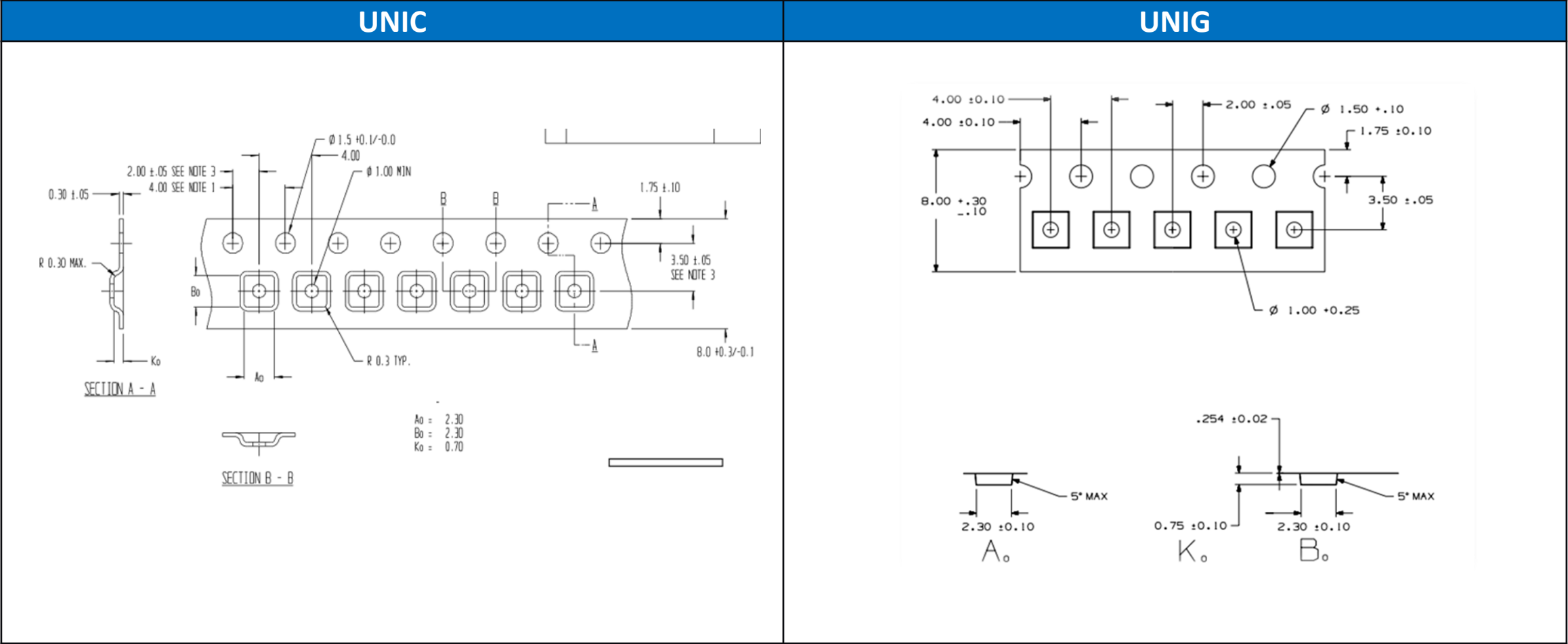
Pre and Post Change Summary – T/R (Pin1 Orientation)

UNIC	UNIG
<p data-bbox="558 325 805 372">Quadrant 1</p>  <p>The diagram shows a horizontal strip of eight square components. Above the fourth component from the left is a 2x2 grid labeled 'PIN#1 Orientation Quadrants' with values: top-left 4, top-right 3, bottom-left 2, bottom-right 1. To the left of the strip is a large arrow pointing left, labeled 'Direction of customer feed'.</p>	<p data-bbox="1740 325 1987 372">Quadrant 1</p>  <p>The diagram shows a horizontal strip of three square components. The first two components have a small dot in the top-left corner. The third component has a dashed circle in the bottom-right corner. Above the strip is a row of eight circular holes.</p>

Pre and Post Change Summary – T/R (BQM)

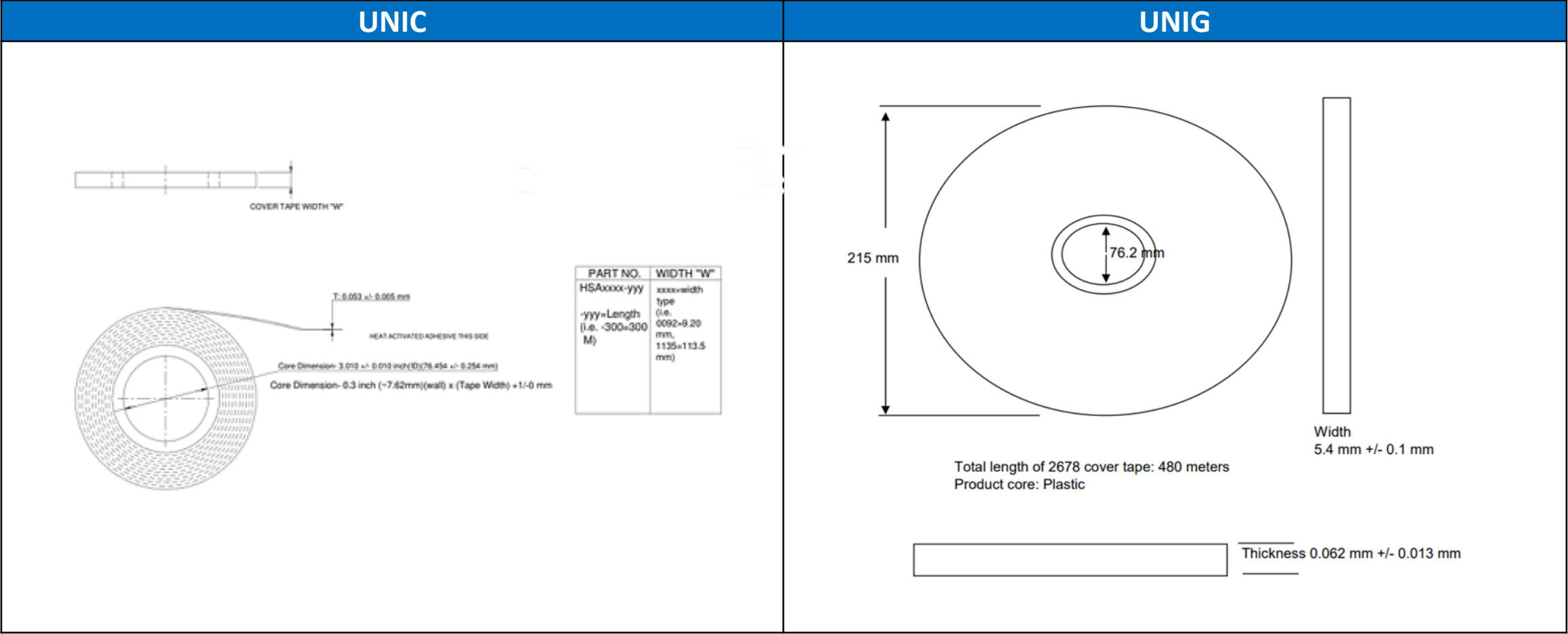
UNIC	UNIG
5000/Reel for ' TR ' Suffix 500/Reel for ' T5 ' Suffix	5000/Reel for ' TR ' Suffix 500/Reel for ' T5 ' Suffix

Pre and Post Change Summary – T/R (Carrier Tape)



Plant	W (mm)	P (mm)	A0 (mm)	B0 (mm)	K0 (mm)	Thickness (mm)
UNIC	8	4	2.3	2.3	0.7	0.3
UNIG	8	4	2.3	2.3	0.75	0.254

Pre and Post Change Summary – T/R (Cover Tape)



Plant	Width W (mm)	Thickness T (mm)	Color	Sealing Methodology
UNIC	5.4	0.053	Transparent	Heat sealing
UNIG	5.4	0.062	Transparent	Heat Sealing

Pre and Post Change Summary – T/R (Reel)

UNIC

Technical drawing of the UNIC reel. The top view shows a circular reel with a central hub and eight segments. Dimensions include a total diameter of 330±2.0, a segment width of 8.4, and a segment height of 15.4. A side view shows the reel's profile with a width of 8.4 and a height of 15.4. A detail view shows the segment's internal structure with dimensions 1.9±0.4 and R0.5.

PRODUCT SPECIFICATIONS

TYPE	WIDTH	ØA	ØN	W1 (Min)	W2 (Max)
8MM		330±2.0	178±1.0	8.4	15.4

UNIG

Technical drawing of the UNIG reel. The top view shows a circular reel with a central hub and eight segments. Dimensions include a total diameter of 330±2.0, a segment width of 8.4, and a segment height of 15.4. A side view shows the reel's profile with a width of 8.4 and a height of 15.4. A detail view shows the segment's internal structure with dimensions 1.9±0.4 and R0.5. A detail view shows the segment's internal structure with dimensions 1.9±0.4 and R0.5. A detail view shows the segment's internal structure with dimensions 1.9±0.4 and R0.5.

Plant	Reel Diameter (mm)	Reel Hub Size (mm)	Reel Width Max (mm)	Color
UNIC	330	178	15.4	White
UNIG	330	178	8.4	White

Pre and Post Change Summary – T/R (Bag)

UNIC

Static Shielding Bag

PN#	Width	Length	Thickness
415006	385mm +5/-0	415mm +5/-0	0.08mm \pm 10%

UNIG

Unisem Part Number: 50020046
Description: Static Shelding Bag c/w Printing
Size: 16"mm(W) x 16"mm(L) x 3mils(T)

Plant	Bag type	Length (mm)	Width (mm)	Thickness (mm)
UNIC	Static Shielding Bag	415 +/5-0	385 +/5-0	0.08 +/-10%
UNIG	Antistatic Shield Bag	406.4	406.4	3

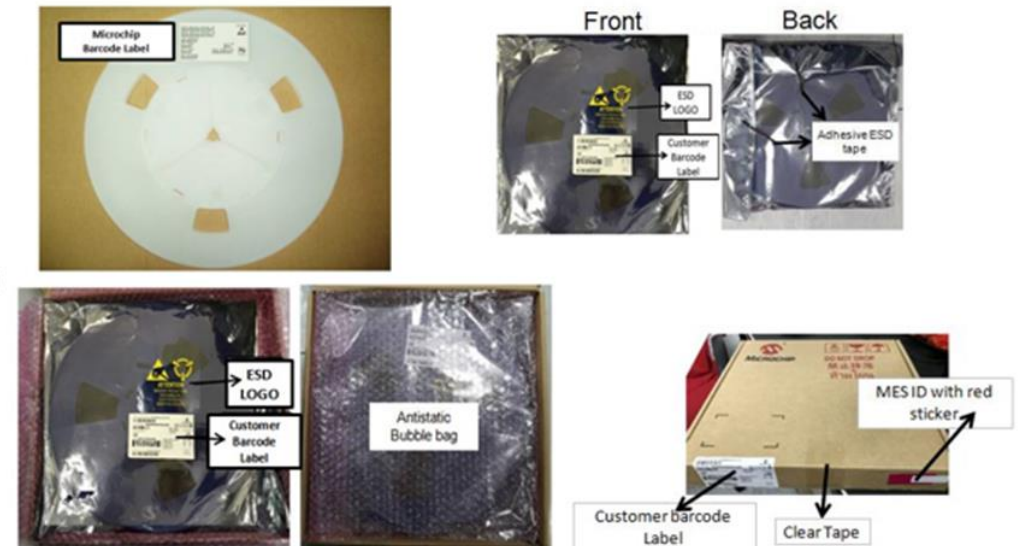
Pre and Post Change Summary – T/R (Packing Method for MSL-1 Pack)

UNIC



Inner box	
Drawing number	Dimension W x L x H (cm)
DWG-M02-009	35.6x34x5

UNIG



Inner box	
Drawing number	Dimension W x L x H (cm)
DWG-M02-009	35.6x34x5



MICROCHIP

QUALIFICATION REPORT SUMMARY

PCN #: MFOL-20RLLB058

**Date:
June 24, 2025**

**Qualification of UNIG as an additional final test location
and scan and pack for selected MIC5350, MIC5332,
MIC5331, and MIC2793 device families available in 8L
UDFN (2x2x0.6mm) package.**

Purpose: Qualification of UNIG as an additional final test location and scan and pack for selected MIC5350, MIC5332, MIC5331, and MIC2793 device families available in 8L UDFN (2x2x0.6mm) package.

CCB No.: 7584

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.	3000	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