



Product Change Notification / LIAL-23YFIV099

Date:

10-Jan-2023

Product Category:

Wireless Modules

PCN Type:

Manufacturing Change

Notification Subject:

CCB 5319 Final Notice: Qualification of MMT as an additional final test site for ATWILC1000, ATWINC15x0, ATWILC3000 and ATWINC3400 device families available in 36L and 28L module package.

Affected CPNs:

[LIAL-23YFIV099_Affected_CPN_01102023.pdf](#)

[LIAL-23YFIV099_Affected_CPN_01102023.csv](#)

Notification Text:

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 MMT as an additional final test site for ATWILC1000, ATWINC15x0, ATWILC3000 and ATWINC3400 device families available in 36L and 28L module package.

Pre and Post Change Summary:

	Pre Change	Post Change
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Final Test Site	ATWILC3000 and ATWINC3400 36L Module	Delta Electronics, Inc. (DEI5)	Delta Electronics, Inc. (DEI5)	Microchip Technology Thailand (Branch) (MMT)
	ATWILC1000 and ATWINC15x0 28L Module	Might Electronic Co.,Ltd (MEC5)	Might Electronic Co.,Ltd (MEC5)	Microchip Technology Thailand (Branch) (MMT)
Tray	Type	Plastic Tray	Plastic Tray	Jedec Tray
	Base Quantity Multiple (BQM)	50 units	50 units	72 units
	Tray Color	Transparent	Transparent	Black
	Dimension	142 x 330 mm	142 x 330 mm	135.9 x 322.6 mm
	Bakeable?	Not Bakeable	Not Bakeable	Bakeable
		See Pre and Post Change Summary attachment for comparison.		

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve productivity by qualifying MMT as an additional final test site.

Change Implementation Status:In Progress

Estimated First Ship Date:January 31, 2023 (date code: 2305)

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

Time Table Summary:

	October 2022					>	January 2023				
Workweek	4 0	4 1	4 2	4 3	4 4		1	2	3	4	5
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:October 25, 2022: Issued initial notification.

January 10, 2023: Issued final notification. Attached qual report and included estimated first ship date on January 31, 2023. Revised subject from “Qualification of MMT as a new final test site” to “Qualification of MMT as an additional final test site”.

The change described in this PCN does not alter Microchip’s current regulatory compliance regarding the material content of the applicable products.

Attachments:

[PCN_LIAL-23YFIV099_Pre and Post Change_Summary.pdf](#)

[PCN_LIAL-23YFIV099_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.

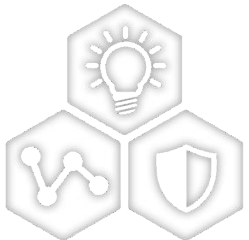
CCB 5319

Pre and Post Change Summary

PCN# LIAL-23YFIV099



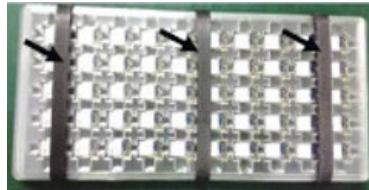
A Leading Provider of Smart, Connected and Secure Embedded Control Solutions



SMART | CONNECTED | SECURE

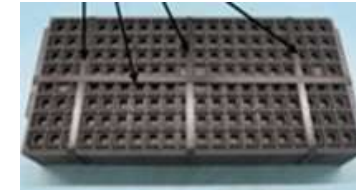
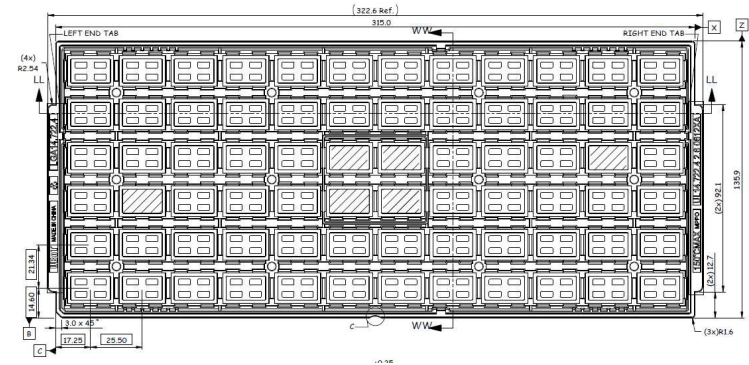
Tray Comparison

Pre Change



Media	Style	Bake?	Units per Tray	Dimensions	Color
Tray	PET Clear Tray	Not Bakeable	50	142x330mm	Transparent

Post Change



Media	Style	Bake?	Units per Tray	Dimensions	Color
Tray	Jedec Tray	Bakeable	72	135.9x322.6mm	Black

Affected Catalog Part Numbers (CPN)

ATWINC1500-MR210PB1952
ATWINC1500-MR210PB1954
ATWINC1500-MR210PB1961
ATWINC1500-MR210PB1976
ATWINC1500-MR210PB1944
ATWINC1510-MR210PB1944
ATWINC1510-MR210PB1952
ATWINC1510-MR210PB1954
ATWINC1510-MR210PB1961
ATWINC1510-MR210PB1963
ATWINC1510-MR210PB1976
ATWINC1510-MR210PB1967
ATWILC1000-MR110PB
ATWINC1500-MR210PB
ATWINC1510-MR210PB
ATWINC1500-MR210PBA0
ATWINC1500-MR210PB1172
ATWINC1510-MR210PB1140
ATWINC1500-MR210PB1140
ATWINC1500-MR210UB
ATWINC1510-MR210UB
ATWILC1000-MR110UB
ATWINC1500-MR210UB1140
ATWINC1510-MR210UB1140
ATWINC1500-MR210UB1954
ATWINC1500-MR210UB1944
ATWINC1500-MR210UB1961
ATWINC1510-MR210UB1944
ATWINC1510-MR210UB1952
ATWINC1510-MR210UB1954
ATWINC1510-MR210UB1961
ATWINC1500-MR210UB1976
ATWINC1510-MR210UB1976
ATWINC1500-MR210PB1961-T
ATWINC1500-MR210PB1965-T
ATWINC1500-MR210PB1976-T
ATWINC1500-MR210PB1952-T
ATWINC1510-MR210PB1963-T
ATWINC1510-MR210PB1961-T
ATWINC1510-MR210PB1976-T
ATWILC1000-MR110PB-T
ATWILC1000-MR110UB-T
ATWINC1500-MR210UB1961-T
ATWINC1500-MR210UB1976-T
ATWINC1510-MR210UB1976-T
ATWINC3400-MR210CA

ATWINC3400-MR210UA
ATWINC3400-MR210CA123
ATWINC3400-MR210CA142
ATWINC3400-MR210UA142
ATWILC3000-MR110CA
ATWILC3000-MR110UA
ATWINC3400-MR210CA122
ATWINC3400-MR210UA122
ATWINC3400-MR210CA131
ATWINC3400-MR210UA131
ATWINC3400-MR210CA143
ATWINC3400-MR210UA143
ATWINC3400-MR210CA123-T
ATWINC3400-MR210CA142-T
ATWINC3400-MR210UA142-T
ATWILC3000-MR110UA-T
ATWINC3400-MR210CA122-T
ATWINC3400-MR210CA131-T
ATWINC3400-MR210UA131-T
ATWINC3400-MR210CA143-T
ATWINC3400-MR210UA143-T



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QUALIFICATION REPORT SUMMARY

PCN #: LIAL-23YFIV099

Date

December 31, 2022

**Qualification of MMT as an additional final test site for
ATWILC1000, ATWINC15x0, ATWILC3000 and ATWINC3400
device families available in 36L and 28L module package.**

Purpose: Qualification of MMT as an additional final test site for ATWILC1000, ATWINC15x0, ATWILC3000 and ATWINC3400 device families available in 36L and 28L module package.

CCB No.: 5319

Test/Evaluation/	Test Conditions/Parameters	Criteria	Result
ATWINC1500 test comparison ATWINC3400 test comparison/	Select 33 good samples- test using the original platform and retest using destination platform	Parametric comparison 33 units/10%	Passed
Yield comparison	Lot Validation, good vs rejects comparison.	Bin and Yield comparison 300/0.1%	Passed
	Lot quantity is 300 units.		
	Test using the new test location platform then cross correlates with original test location platform.		

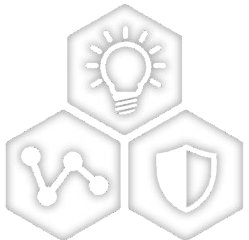
CCB 5319

Pre and Post Change Summary

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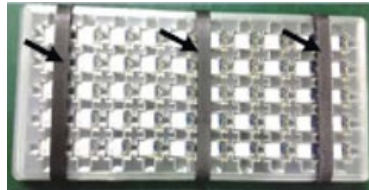
A Leading Provider of Smart, Connected and Secure Embedded Control Solutions



SMART | CONNECTED | SECURE

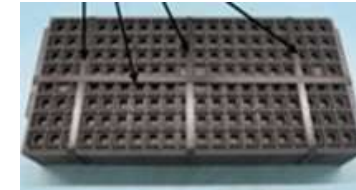
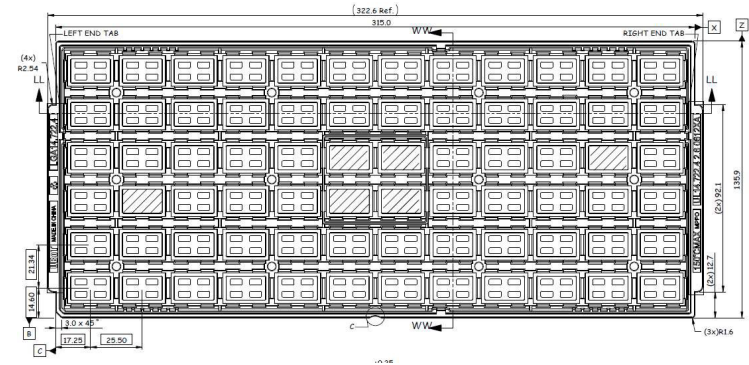
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ATWINC1500-MR210PB1952-T
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ATWINC1510-MR210PB1961-T
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ATWILC1000-MR110PB-T
ATWILC1000-MR110UB-T
ATWINC1500-MR210UB1961-T
ATWINC1500-MR210UB1976-T
ATWINC1510-MR210UB1976-T
ATWINC3400-MR210CA

ATWINC3400-MR210UA
ATWINC3400-MR210CA123
ATWINC3400-MR210CA142
ATWINC3400-MR210UA142
ATWILC3000-MR110CA
ATWILC3000-MR110UA
ATWINC3400-MR210CA122
ATWINC3400-MR210UA122
ATWINC3400-MR210CA131
ATWINC3400-MR210UA131
ATWINC3400-MR210CA143
ATWINC3400-MR210UA143
ATWINC3400-MR210CA123-T
ATWINC3400-MR210CA142-T
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