



## Product Change Notification - LIAL-14XTLU232

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**Date:**

15 Oct 2018

**Product Category:**

Wireless Modules

**Affected CPNs:****Notification subject:**

CCB 3344.001 Final Notice: Qualification of MPHL as an additional final test site for selected AT86RF231 Atmel device family available in 32L VQFN (5x5x0.9mm) package.

**Notification text:****PCN Status:**

Final notification.

**PCN Type:**

Manufacturing Change

**Microchip Parts Affected:**

Please open one of the icons found in the Affected CPNs section above.

**NOTE:** For your convenience Microchip includes identical files in two formats (.pdf and .xls)

**Description of Change:**

Qualification of MPHL as an additional final test site for selected AT86RF231 Atmel device family available in 32L VQFN (5x5x0.9mm) package.

**Pre Change:**

Tested at ATP7 final test site.

**Post Change:**

Tested at ATP7 final test site or tested at MPHL final test site.

**Pre and Post Change Summary:**

	Pre Change	Post Change	
<b>Final Test Site</b>	Amkor Technology Philippines (P3/P4), INC. (ATP7)	Amkor Technology Philippines (P3/P4), INC. (ATP7)	Microchip Technology Operations (Philippines) Corporation (MPHL)

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**

To improve on-time delivery performance by qualifying MPHL as an additional final test site.



**Change Implementation Status:**  
In Progress

**Estimated First Ship Date:**  
October 29, 2018 (date code: 1844)

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

**Time Table Summary:**

	September 2018					October 2018				
Workweek	35	36	37	38	39	40	41	42	43	44
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:**  
**September 27, 2018:** Issued initial notification.  
**October 15, 2018:** Issued final notification. Attached the qualification report. Provided estimated first ship date to be on October 29, 2018.

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

**Attachment(s):**  
[PCN\\_LIAL-14XTLU232\\_QUAL\\_REPORT.pdf](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

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**MICROCHIP**

**QUALIFICATION REPORT SUMMARY**

**PCN #: LIAL-14XTLU232**

**Date**

**October 4, 2018**

**Qualification of MPHL as an additional final test site for  
selected AT86RF231 Atmel device family available in 32L  
(5x5x0.9mm) VQFN package**

**Purpose:** Qualification of MPHL as an additional final test site for selected AT86RF231 Atmel device family available in 32L (5x5x0.9mm) VQFN package

**CCB No.:** 3344.001

Test / Evaluation	Test Conditions / Parameters	Results
Datalog / Bin Comparison	<ul style="list-style-type: none"><li>5,000-unit yield sample for bin comparison</li></ul>	Passed
Yield Comparison	<ul style="list-style-type: none"><li>Lot Validation, Good vs. rejects comparison.</li><li>5,000 units matching to 0.1% yield</li></ul>	Passed
Parametric Comparison	<ul style="list-style-type: none"><li>50 units of parametric data comparison</li></ul>	Passed

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Affected Catalog Part Numbers(CPN)

AT86RF231-ZU

AT86RF231-ZUR