

Product Change Notification / ASER-30YJUP974

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15-Sep-2021

Product Category:

Wireless Modules

PCN Type:

Manufacturing Change

Notification Subject:

CCB 3344.004 Final Notice: Qualification of MPHL as an additional final test site for selected AT86RF232-ZXR and AT86RF232-ZXR catalog part numbers available in 32L VQFN (5x5x0.9mm) package.

Affected CPNs:

ASER-30 YJUP974_Affected_CPN_09152021.pdf ASER-30 YJUP974_Affected_CPN_09152021.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 MPHL as an additional final test site for selected AT86RF232-ZX and AT86RF232-ZXR catalog part numbers available in 32L VQFN (5x5x0.9mm) package.

Pre and Post Change Summary:

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

Base Quantity	T/R	5000	5000	5000			
Multiple (BQM)	Tray	490	490	490			
Docking Color	T/R	White	White	White			
Packing Color	Tray	Black	Black	Black			
Die 1 Osiantatian	T/R	Quadrant 1	Quadrant 1	Quadrant 1			
Pin 1 Orientation	Tray	Tray Chamfer Side	Fray Chamfer Side Tray Chamfer Side				
Carrier T	ape						
Cover Ta	ipe	See Pre and Post Change Summary for Comparison.					
Reel							
Packing Me	ethod						

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve manufacturability by qualifying MPHL an additional final test site.

Change Implementation Status:In Progress

Estimated First Ship Date:

November 29, 2021 (date code: 2149)

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

Time Table Summary:

	August 2021			September 2021					November 2021						
Workweek	3 2	3	3 4	3 5	3 6	3 7	3 8	3 9	40	>	45	46	47	48	49
Initial PCN Issue Date	Х														
Qual Report Availability							Х								
Final PCN Issue Date							Х								
Estimated Implementation Date															х

Method to Identify Change:Traceability code

Qualification Report:Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History:

August 6, 2021: Issued initial notification.

September 15, 2021: Issued final notification. Attached the Qualification Report. Revised the affected parts list to remove CPNs AT86RF233-ZU/ZUR that were previously qualified. Revised notification subject and description to reflect the change in affected parts list. Provided estimated first ship date to be on November 29, 2021.

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

Attachments:

PCN_ASER-30YJUP974_Qual Report.pdf PCN_ASER-30YJUP974 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 <u>receive Microchip PCNs via email</u> please register for our PCN email service at our <u>PCN</u> home page select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the <u>PCN FAQ</u> section.

If you wish to <u>change your PCN profile</u>, <u>including opt out</u>, please go to the <u>PCN home page</u> select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

ASER-30YJUP974 - CCB 3344.004 Final Notice: Qualification of MPHL as an additional final test site for selected AT86RF232-ZX and AT86RF232-ZXR catalog part numbers available in 32L VQFN (5x5x0.9mm) package.			
Affected Catalog Part Numbers (CPN)			
AT86RF232-ZX AT86RF232-ZXR			
A180RF232-ZXR			
Date: Wednesday, September 15, 2021			

CCB 3344.004 Pre and Post Change Summary PCN #: ASER-30YJUP974



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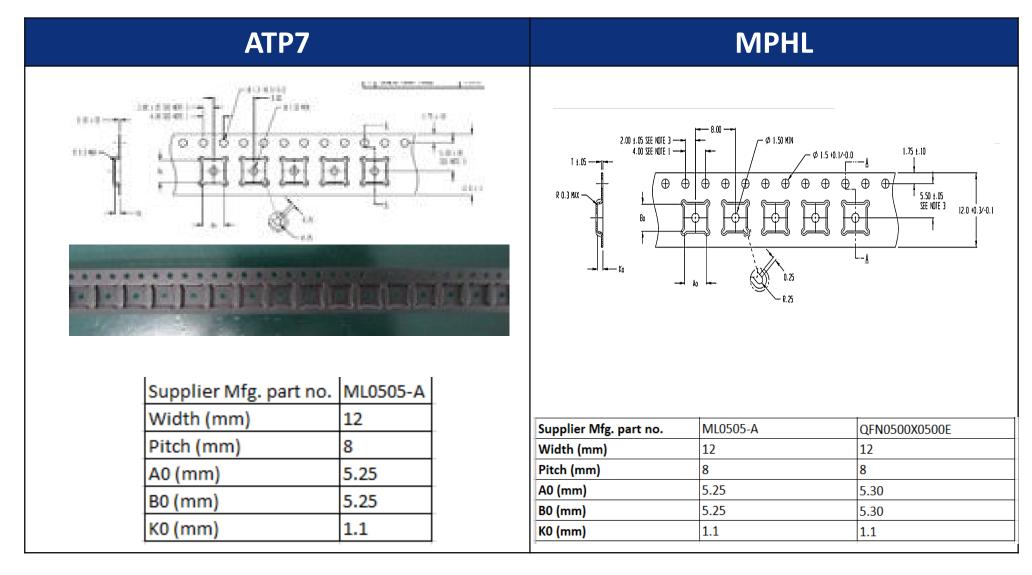
Qualification of MPHL as an additional final test site for selected AT86RF232-ZX and AT86RF232-ZXR catalog part numbers available in 32L VQFN (5x5x0.9mm) package.

BQM and Pin 1 Orientation

		ATP7	MPHL		
Base Quantity	Tape and Reel	5000	5000		
Multiple (BQM)	Tray	490	490		
Pin 1 orientation	Tape and Reel	Quadrant 1	Quadrant 1		
	Tray	Tray Chamfer Side	Tray Chamfer Side		

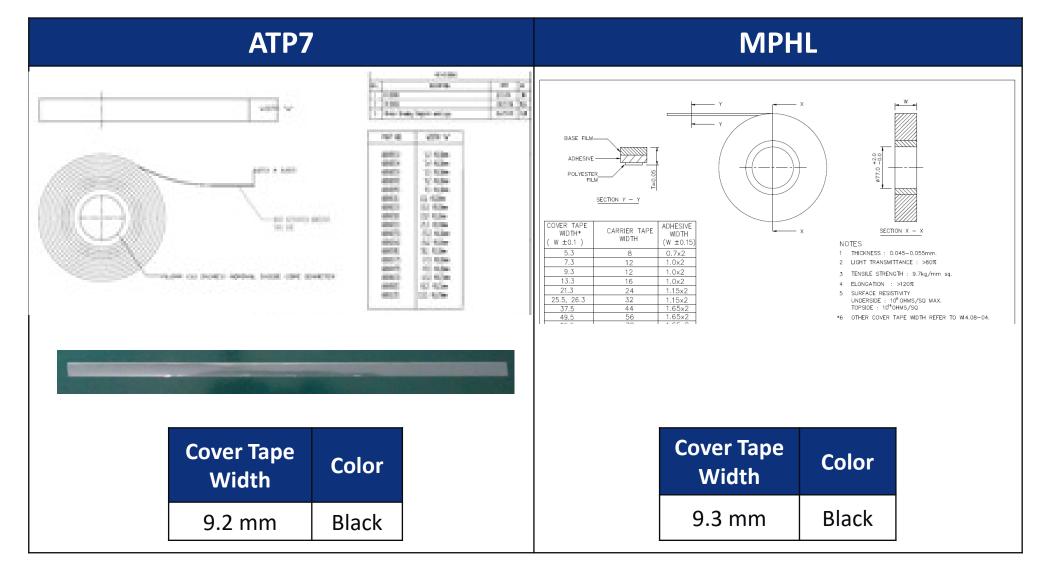


Tape and Reel - Carrier Tape



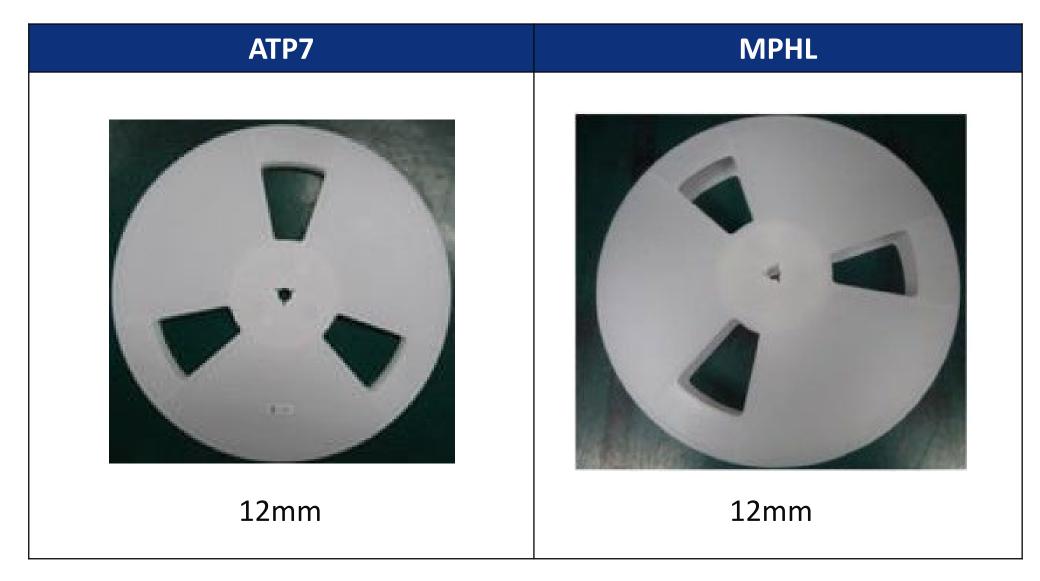


Tape and Reel - Cover Tape





Tape and Reel – Plastic Reel



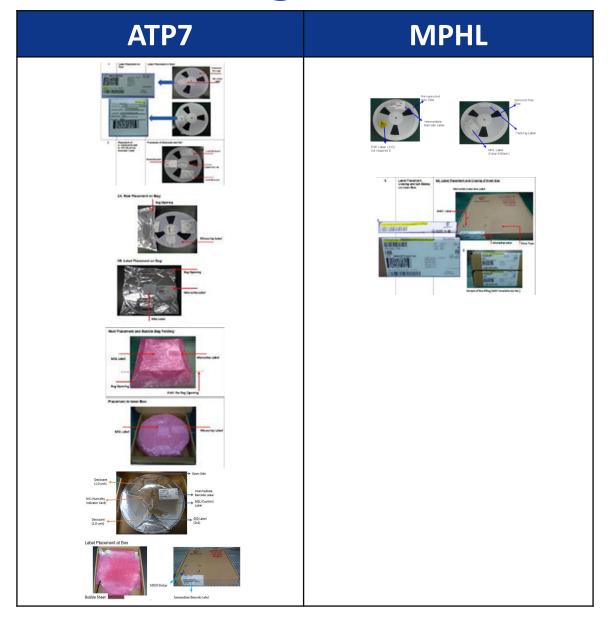


Tape and Reel - Packaging

Final Test Site	ATP7	MPHL
Desiccant	Sorb anderson	SOLUDAKTA SOLUDAKTA TEGENOMINAMAN SOLUDAKTA TEGENOMINAMAN SOLUDAKTA TEGENOMINAMAN SOLUDAKTA TEGENOMINAMAN SOLUDAKTA TEGENOMINAMAN TEGENOMINAMAN
HIC	COSALT FREE Hamidity Indicator Brown - Dry Green- Wet LEVEL 2 PARTS are 100% w.NOT BROOM AND 100 CLARLAND TO BROOM AND 100	596 10% LENEL SA-SA PARTO Bute nutrice is in NOT DECEMBER. BEROWNIN-DRY AZURE—MET CORRALT PRES HARDET SECURITOR GARD COMPLES WITH PROLEDEC J-STD-GGS M18 5 4 3
Boxes	MICROSCHUP OD NOT DIED SELENTE WITHELDTON	MICROCHIP DO SOT DODO SE LESSES Wrailton
Bags		

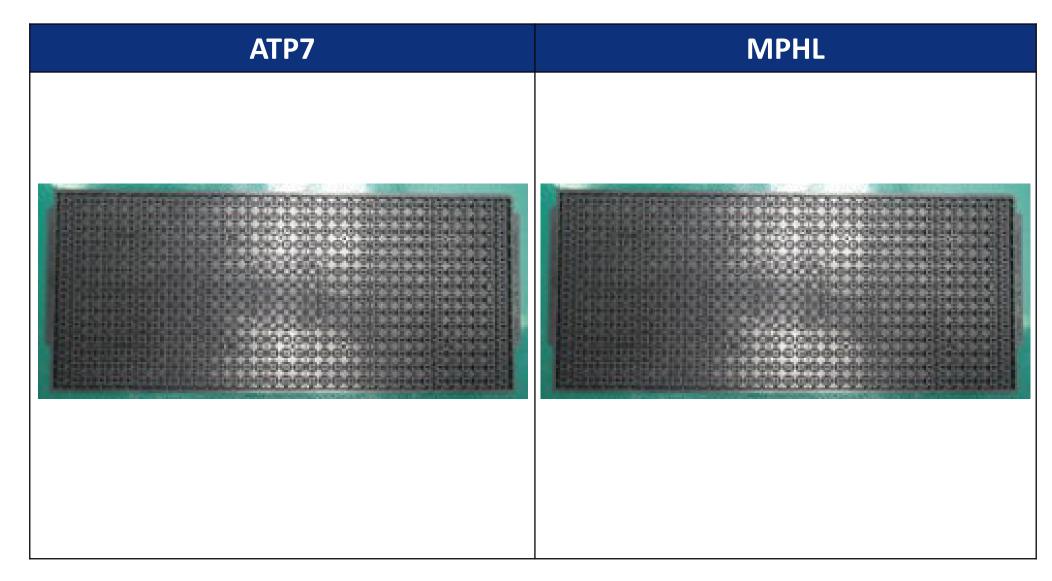


Tape and Reel – Packing Procedure





Tray



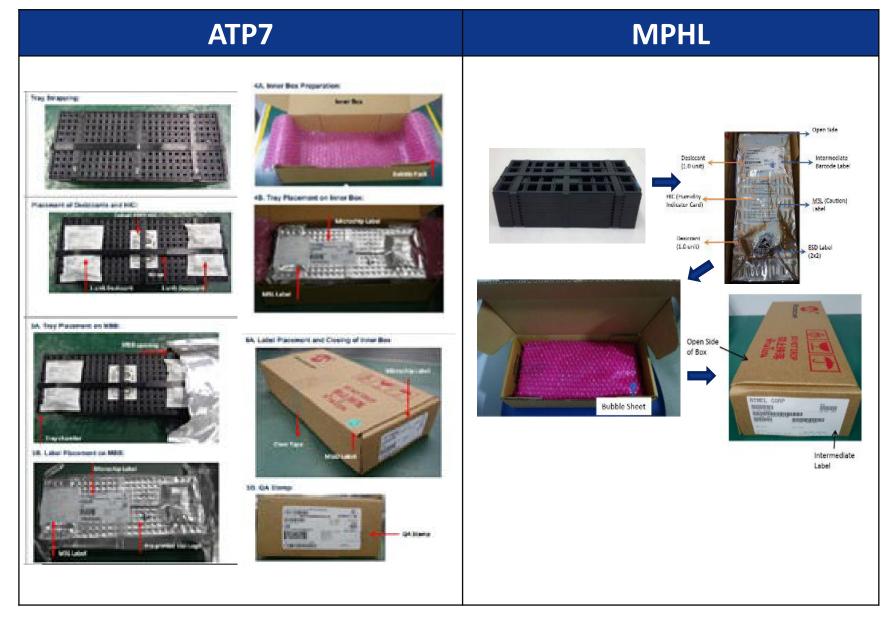


Tray - Packaging

Final Test Site	ATP7	MPHL
Desiccant	Sorb and the clay are a series of the clay are	CONTROL BEALL BEALL CONTROL BEALL CONTROL BEALL CONTROL BEALL BEALL CONTROL BEALL BEALL BEALL BEALL CONTROL BEALL BEALL BEALL BEALL BEALL BEAL
HIC	COBALT FREE Hamidly indicator Brown - Dry Green- Wet LEVEL 2 PARTS 6 100% IN NOT BRICOIN 2 AAAA 2 AAAA 2 PARTS Blass parts of 15% is HOT BRICOIN and 5% is HOT BRICOIN	59% 10% LEWEL 2A-SA PARTS Sharpon to 10% SECT SECOND and 10% SAZINE BROWNI-DRY AZURE-WET CORNAL ACCOUNT ACCOUN
Boxes	MICROCHIP DO NOT DROP 禁止摔落 ŸTalen	MICHOCHIP DO NOT DRAP 禁止上掉落 ŸTALEN ®
Bags		



Tray – Packing Procedure







QUALIFICATION REPORT SUMMARY

PCN #: ASER-30YJUP974

Date July 25, 2021

Qualification of MPHL as an additional final test site for selected AT86RF232-ZX and AT86RF232-ZXR catalog part numbers available in 32L VQFN (5x5x0.9mm) package.

Purpose: Qualification of MPHL as an additional final test site for selected

AT86RF232-ZX and AT86RF232-ZXR catalog part numbers available in

32L VQFN (5x5x0.9mm) package.

CCB No.: 3344.004

Test / Evaluation	Test Conditions / Parameters	Results
Datalog / Bin Comparison	5,000-unit yield sample for bin comparison	PASSED
Yield Comparison	 Lot Validation, Good vs. rejects comparison. 5,000 units matching to 0.1% yield 	PASSED
Parametric Comparison	50 units of parametric data comparison	PASSED