

Product Change Notification / ASER-30YJUP974

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04-Aug-2021

Product Category:

Wireless Modules

PCN Type:

Manufacturing Change

Notification Subject:

CCB 3344.004 Initial Notice: Qualification of MPHL as an additional final test site for selected AT86RF232/3 device family available in 32L VQFN (5x5x0.9mm) package.

Affected CPNs:

ASER-30 YJUP974_Affected_CPN_08042021.pdf ASER-30 YJUP974_Affected_CPN_08042021.csv

Notification Text:

PCN Status:Initial 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 AT86RF232/3 device family 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		
Pin 1 Orientation	T/R	Quadrant 1	Quadrant 1	Quadrant 1		
Pin 1 Orientation	Tray	Tray Chamfer Side	Tray Chamfer Side	Tray Chamfer Side		
Carrier T	ape					
Cover Ta	ipe	Cooperate Deat Change Communication				
Reel		See Pre and	Post Change Summary for Comparison.			
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 Qualification Completion Date:October 2021

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

Time Table Summary:

		Aug	gust 2	021				Octo	ober 2	2021	
Workweek	3 2	3	3 4	3 5	3 6	-^	4 0	4 1	4 2	4 3	4 4
Initial PCN Issue Date	Χ										
Qual Report Availability											Х
Final PCN Issue Date											Χ

Method to Identify Change:Traceability code

Qualification Plan:Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan. **Revision History:**

August 4, 2021: Issued initial notification.

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_Pre and Post Change Summary.pdf PCN_ASER-30YJUP974_Qual Plan.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.

 $ASER-30YJUP974-CCB\ 3344.004\ Initial\ Notice:\ Qualification\ of\ MPHL\ as\ an\ additional\ final\ test\ site\ for\ selected\ AT86RF232/3\ device\ family\ available\ in\ 32L\ VQFN\ (5x5x0.9mm)\ package.$

Affected Catalog Part Numbers (CPN)

AT86RF232-ZX

AT86RF233-ZU

AT86RF232-ZXR

AT86RF233-ZUR

Date: Wednesday, August 04, 2021

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



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



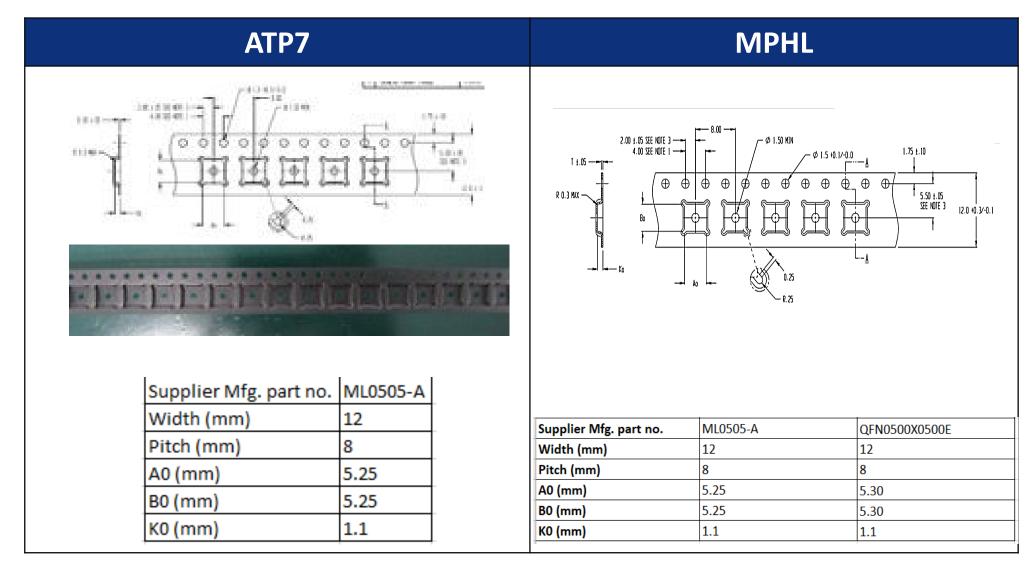
Qualification of MPHL as an additional final test site for selected AT86RF232/3 device family available in 32L VQFN (5x5x0.9mm) package.

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	

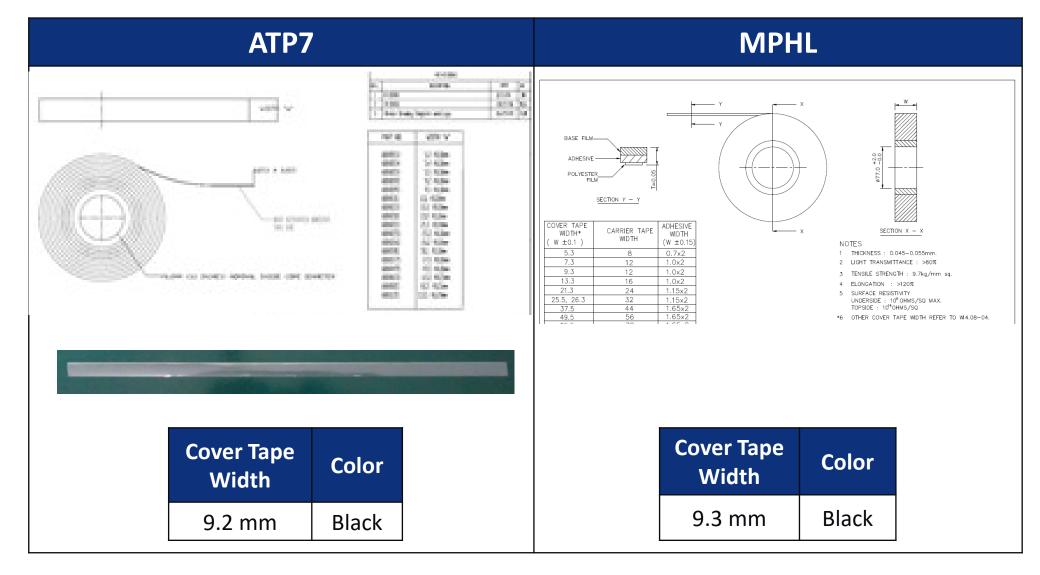


Tape and Reel - Carrier Tape



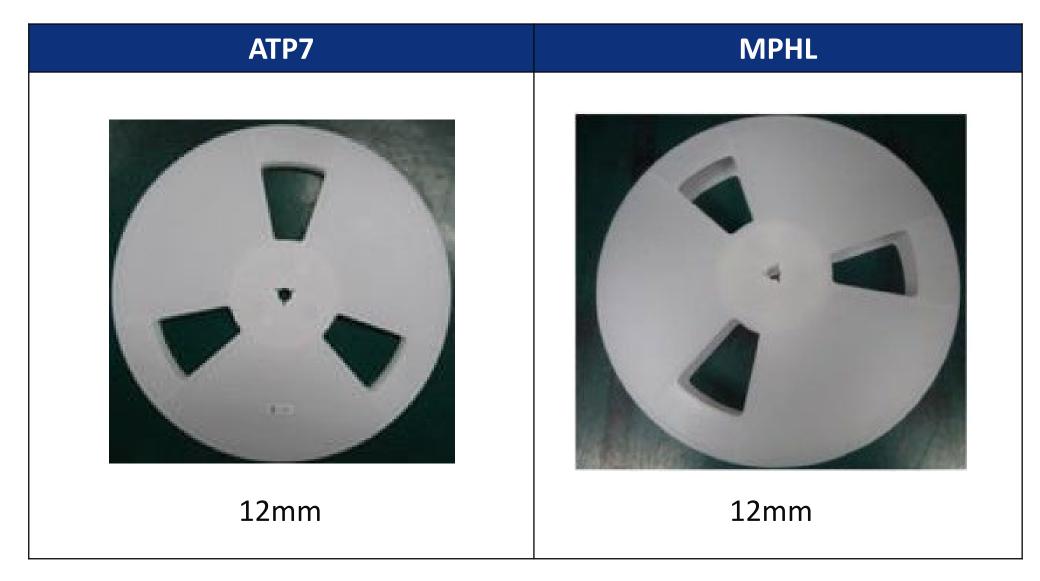


Tape and Reel - Cover Tape





Tape and Reel – Plastic Reel



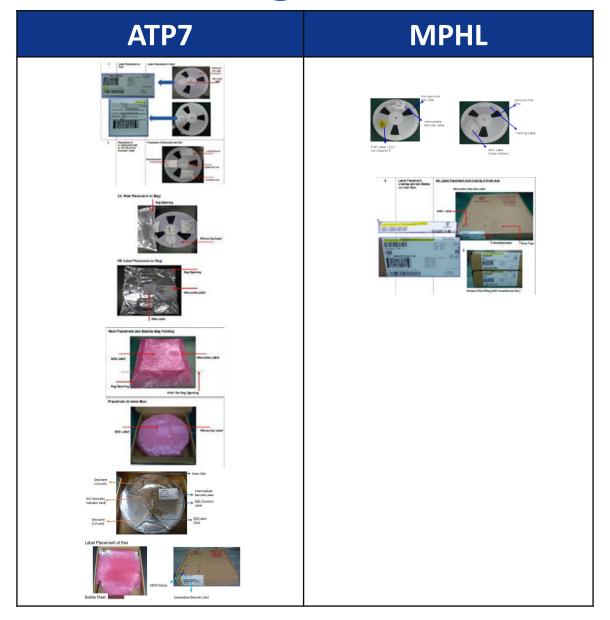


Tape and Reel - Packaging

Final Test Site	ATP7	MPHL
Desiccant	Sorb anderson	SOLUDAKTA SOLUDAKTA TEGENOMINAMAN SOLUDAKTA TEGENOMINAMAN SOLUDAKTA TEGENOMINAMAN SOLUDAKTA TEGENOMINAMAN SOLUDAKTA TEGENOMINAMAN TEGNOMINAMAN TEGNOMINA
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 PRESE HEADTH SEGULATOR GARD COMPLES WITH PROLEDIC J-STD-GGS M18 5 4 3
Boxes	MICROSCHUP OD NOT DIED SELENTE WITHELDTON	MICROCHIP DO SOT DODO SE LESSES Wrailton
Bags		

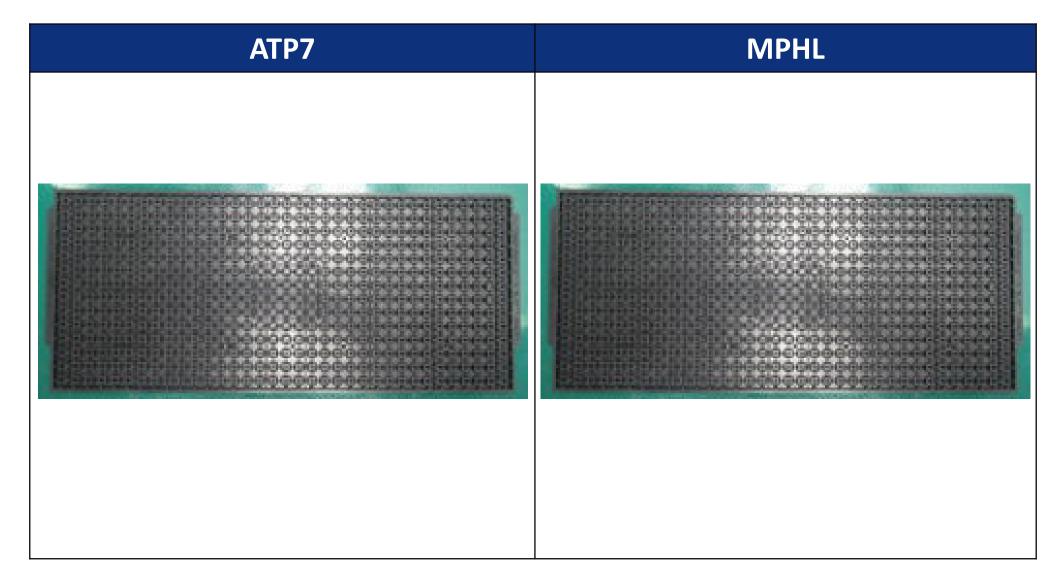


Tape and Reel – Packing Procedure





Tray



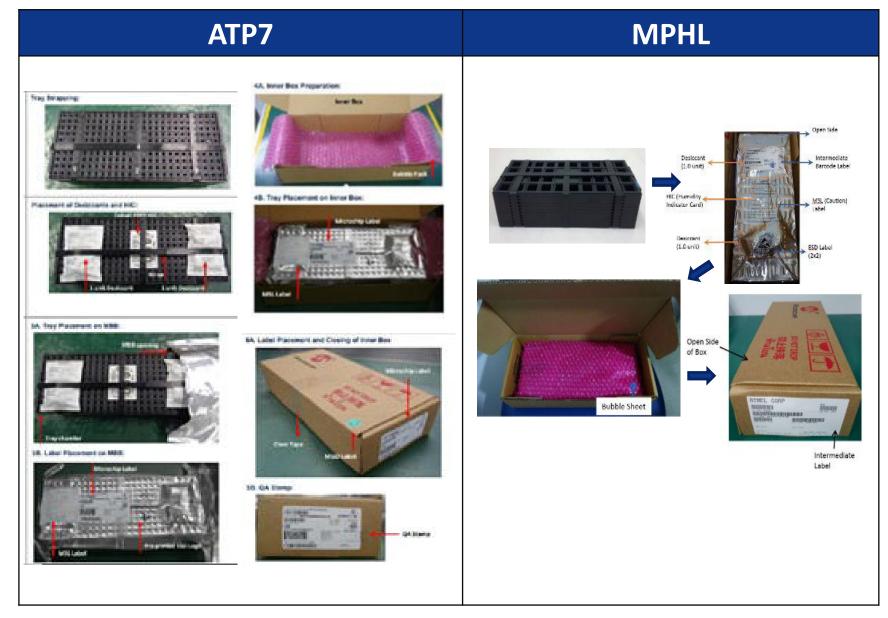


Tray - Packaging

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 CONTROL BEALL CONTROL BEALL BEALL CONTROL BEALL BEALL
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 PLAN SUMMARY

PCN #: ASER-30YJUP974

Date July 25, 2021

Qualification of MPHL as an additional final test site for selected AT86RF232/3 device family available in 32L VQFN (5x5x0.9mm) package.

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

AT86RF232/3 device family available in 32L VQFN (5x5x0.9mm)

package. 3344.004 CCB No.:

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