



Product Change Notification / NTDO-28XWRK640

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**Date:**

27-Jan-2022

**Product Category:**

Microprocessors

**PCN Type:**

Manufacturing Change

**Notification Subject:**

CCB 4758 Final Notice: Qualification of MPHL as an additional final test site for selected ATSAMA5D2xx device family in 289L LFBGA (14x14x1.4mm) package.

**Affected CPNs:**

[NTDO-28XWRK640\\_Affected\\_CPN\\_01272022.pdf](#)  
[NTDO-28XWRK640\\_Affected\\_CPN\\_01272022.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 additional final test site for selected ATSAMA5D2xx device family in 289L LFBGA (14x14x1.4mm) package.

**Pre and Post Change Summary:**

	Pre Change	Post Change
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<b>Final Test Site</b>		ASE Test (ASE9)	ASE Test (ASE9)	Microchip Technology Operations (Philippines) Corporation (MPHL)
<b>Base Quantity Multiple (BQM)</b>	<b>T/R</b>	1000	1000	1000
	<b>Tray</b>	119	119	119
<b>Packing Color</b>	<b>T/R</b>	White	White	White
	<b>Tray</b>	Black	Black	Black
<b>Pin 1 orientation</b>		Quadrant 1	Quadrant 1	Quadrant 1
<b>Carrier Tape</b>		No dimensional changes*		
<b>Cover Tape</b>		Minor dimensional changes*		
<b>Reel</b>	<b>Color</b>	White	White	White
	<b>Dimension</b>	With dimensional changes*		
<b>Packing Method</b>		See attached Pre and Post comparison		

\* See attached Pre and Post Change comparison

**Impacts to Data Sheet:**None

**Change Impact:**None

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

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**March 2, 2022 (date code: 2210)

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

**Time Table Summary:**

	August 2021						January 2022						March 2022				
Workweek	3 2	3 3	3 4	3 5	3 6	->	0 1	0 2	0 3	04	05	->	10	11	12	13	14
Initial PCN Issue Date			X														
Qual Report Availability											X						
Final PCN Issue Date											X						



Affected Catalog Part Numbers (CPN)

ATSAMA5D27B-CU  
ATSAMA5D26B-CU  
ATSAMA5D26C-CU  
ATSAMA5D27C-CU  
ATSAMA5D27B-CN  
ATSAMA5D26B-CN  
ATSAMA5D26C-CN  
ATSAMA5D27C-CN  
ATSAMA5D27B-CNR  
ATSAMA5D26B-CNR  
ATSAMA5D26C-CNR  
ATSAMA5D27C-CNR  
ATSAMA5D26C-CNR01  
ATSAMA5D27B-CUR  
ATSAMA5D26B-CUR  
ATSAMA5D26C-CUR  
ATSAMA5D27C-CUR