



## Product Change Notification / JAON-01ZBFS506

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**Date:**

08-Sep-2021

**Product Category:**

32-bit Microcontrollers

**PCN Type:**

Manufacturing Change

**Notification Subject:**

CCB 3490.001 Final Notice: Qualification of UMC Fab 8N as an additional fabrication site for selected PIC32CM1216MC00032, PIC32CM6408MC00032, PIC32CM1216MC00048, and PIC32CM6408MC00048 device families available in 32L VQFN (5x5x1.0mm), 32L TQFP (7x7x1.0mm), 48L VQFN (7x7x0.9mm) and 48L TQFP (7x7x1.0mm) packages.

**Affected CPNs:**

[JAON-01ZBFS506\\_Affected\\_CPN\\_09082021.pdf](#)  
[JAON-01ZBFS506\\_Affected\\_CPN\\_09082021.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 UMC Fab 8N as an additional fabrication site for selected PIC32CM1216MC00032, PIC32CM6408MC00032, PIC32CM1216MC00048, and PIC32CM6408MC00048 device families available in 32L VQFN (5x5x1.0mm), 32L TQFP (7x7x1.0mm), 48L VQFN (7x7x0.9mm) and 48L TQFP (7x7x1.0mm) packages.

**Pre and Post Change Summary:**

	Pre Change	Post Change
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<b>Fabrication Supplier and Location</b>	United Microelectronics Corporation – Fab 8D Hsin-Chu Taiwan (U08D)	United Microelectronics Corporation – Fab 8D Hsin-Chu Taiwan (U08D)	United Microelectronics Corporation – Fab 8N ZuZhou China (U08N)
<b>Quality Certification</b>	ISO/TS16949	ISO/TS16949	ISO/TS16949
<b>Die Size</b>	No Change	No Change	No Change
<b>Wafer Diameter</b>	8 inches	8 inches	8 inches

**Impacts to Data Sheet:** None

**Change Impact:**None

**Reason for Change:**To improve manufacturability and on-time delivery performance by qualifying UMC Fab 8N as an additional fabrication site.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**September 15, 2021 (date code: 2138)

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

Due to unforeseen circumstances, that are out of Microchip’s control, full qualification will be made available as soon as it is approved which may be after the estimated first ship date so that Microchip can maintain continuity of supply and not disrupt customer orders

**Time Table Summary:**

	September 2021				
Workweek	3 6	3 7	3 8	3 9	40
Qual Report Availability					X
Final PCN Issue Date		X			
Estimated Implementation Date			X		

**Method to Identify Change:** Traceability code

**Estimated Qualification Completion Date:**September 2021

Note 1: This final PCN will be updated to include the Qualification report as soon as it is completed. Note 2: Please be advised the qualification completion times may be extended because of unforeseen business conditions

**Revision History:**September 8, 2021: Issued final notification.

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

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.

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Affected Catalog Part Numbers (CPN)

PIC32CM1216MC00032-E/RTB  
PIC32CM6408MC00032-E/RTB  
PIC32CM1216MC00032-E/PT  
PIC32CM6408MC00032-E/PT  
PIC32CM1216MC00048-E/U5B  
PIC32CM6408MC00048-E/U5B  
PIC32CM1216MC00048-E/Y8X  
PIC32CM6408MC00048-E/Y8X  
PIC32CM1216MC00032-I/RTB  
PIC32CM6408MC00032-I/RTB  
PIC32CM1216MC00032-I/PT  
PIC32CM6408MC00032-I/PT  
PIC32CM1216MC00048-I/U5B  
PIC32CM1216MC00048-I/U5BESU  
PIC32CM6408MC00048-I/U5B  
PIC32CM1216MC00048-I/Y8X  
PIC32CM6408MC00048-I/Y8X  
PIC32CM1216MC00032T-I/RTB  
PIC32CM6408MC00032T-I/RTB  
PIC32CM1216MC00032T-I/PT  
PIC32CM6408MC00032T-I/PT  
PIC32CM1216MC00048T-I/U5B  
PIC32CM1216MC00048T-I/U5BESU  
PIC32CM6408MC00048T-I/U5B  
PIC32CM1216MC00048T-I/Y8X  
PIC32CM6408MC00048T-I/Y8X  
PIC32CM1216MC00032T-E/RTB  
PIC32CM6408MC00032T-E/RTB  
PIC32CM1216MC00032T-E/PT  
PIC32CM6408MC00032T-E/PT  
PIC32CM1216MC00048T-E/U5B  
PIC32CM6408MC00048T-E/U5B  
PIC32CM1216MC00048T-E/Y8X  
PIC32CM6408MC00048T-E/Y8X