



Product Change Notification / JAON-01ZBFS506

Date:

22-Apr-2024

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_04222024.pdf](#)
[JAON-01ZBFS506_Affected_CPN_04222024.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	
Fabrication Supplier and Location	United Microelectronics Corporation – Fab 8D Hsin-Chu Taiwan (U08D)	United Microelectronics Corporation – Fab 8D Hsin-Chu Taiwan (U08D)	United Microelectronics Corporation – Fab 8N SuZhou China (U08N)
Quality Certification	ISO/TS16949	ISO/TS16949	ISO/TS16949
Die Size	No Change	No Change	No Change
Wafer Diameter	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.

Time Table Summary:

Workweek	September 2021					>	April 2024				
	36	37	38	39	40		14	15	16	17	18
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 08, 2021: Issued final notification.

April 16, 2024: Re-issued final notification to include qual report. Updated affected CPN list due to updated CCB scope.

April 22, 2024: Re-issued final notification to correct Fab Supplier name.

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

Attachments:

[PCN_JAON-01ZBFS506 Qual_Report.pdf](#)

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