



Product Change Notification / MFOL-02VEYX739

Date:

20-Feb-2024

Product Category:

USB Hubs

PCN Type:

Manufacturing Change

Notification Subject:

CCB 5071 Final Notice: Qualification of ANAC as an additional assembly site for selected USB3503 and USX3803 device families available in 32L QFN (5x5x0.9mm) package.

Affected CPNs:

[MFOL-02VEYX739_Affected_CPN_02202024.pdf](#)
[MFOL-02VEYX739_Affected_CPN_02202024.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 ANAC as an additional assembly site for selected USB3503 and USX3803 device families available in 32L QFN (5x5x0.9mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	ASE Inc.	ASE Inc.	Amkor Assembly & Test

	(ASE)	(ASE)	(Shanghai) Co., LTD (ANAC)
Wire Material	CuPd	CuPd	CuPdAu
Die Attach Material	EN-4900F	EN-4900F	CRM1085A
Molding Compound Material	G631H	G631H	G631BQF
Lead-Frame Material	C194	C194	C194
Lead-Frame Paddle Size	138X138	138X138	138X138
Lead-Frame Design	See attached Pre and Post Change for comparison.		
DAP Surface Prep	Double Ring Plating	Double Ring Plating	Double Ring Plating

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve productivity by qualifying ANAC as an additional assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date:March 31, 2024 (date code: 2414)

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

Time Table Summary:

	May 2022					>	February 2024					March 2024				
Workweek	19	20	21	22	23		05	06	07	08	09	10	11	12	13	14
Initial PCN Issue Date	X															
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:May 05, 2022: Issued initial notification.

February 20, 2024: Issued final notification. Attached the Qualification Report. Updated the Pre and Post Change Summary Table to include Lead-Frame design. Provided estimated first ship date to be on March 31, 2024.

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

Attachments:

[PCN_MFOL-02VEYX739_Pre and Post Change_Summary.pdf](#)
[PCN_MFOL-02VEYX739_Qual_Report.pdf](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

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Affected Catalog Part Numbers (CPN)

- USB3503/ML
- USX3803/ML
- USB3503-I/ML
- USX3803-I/ML
- USB3503T/ML
- USX3803T/ML
- USB3503T-I/ML
- USX3803T-I/ML