



Product Change Notification / ASER-15CAKZ286

Date:

15-Nov-2021

Product Category:

8-bit Microcontrollers, Capacitive Touch Sensors, USB Transceivers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4630.001 Final Notice: Qualification of STA as an additional assembly site for selected CAP1188, USB33xx and USX2030 device families available in 24L VQFN (4x4x0.9mm) package.

Affected CPNs:

[ASER-15CAKZ286_Affected_CPN_11152021.pdf](#)
[ASER-15CAKZ286_Affected_CPN_11152021.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 STA as an additional assembly site for selected CAP1188, USB33xx and USX2030 device families available in 24L VQFN (4x4x0.9mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change
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Assembly Site		ASE Inc. (ASE)		ASE Inc. (ASE)		STATS Chippac Ltd. (STA)
Wire Material		PdCu	Au	PdCu	Au	CuPdAu
Die Attach Material		EN-4900F		EN-4900F		8290
Molding Compound Material		G631B		G631B		G700E
Lead Frame	Material	C194		C194		C194
	Design	See Pre and Post Change Summary for comparison.				

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve manufacturability by qualifying STA as an additional assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date:

November 26, 2021 (date code: 2148)

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

Time Table Summary:

Workweek	May 2021					>	October 2021					November 2021				
	19	20	21	22	23		40	41	42	43	44	45	46	47	48	49
Initial PCN Issue Date	x															
Final PCN Issue Date											x					
Qual Report Availability														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 5, 2021: Issued initial notification.

May 11, 2021: Re-issued initial notification. Corrected the attached Qualification Plan and Pre and Post Change Summary.

October 28, 2021: Issued final notification. Updated estimated qualification completion date to be on January 2022.

November 15, 2021: Re-issued final notification. Updated the notification subject, description of change and affected CPN list to include the USX2030 device family. Updated the time table summary. Attached the qualification report. Provided estimated first ship date to be on November 26, 2021.

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-15CAKZ286_Qual_Report.pdf](#)

[PCN_ASER-15CAKZ286_Pre_and_Post Change Summary.pdf](#)

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

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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.

Affected Catalog Part Numbers (CPN)

CAP1188-1-CP-TR
USB3343-CP
USB3346-CP
USB3347-CP
USB3343-CP-TR
USB3346-CP-TR
USB3347-CP-TR
USB3310C-CP
USB3318-CP
USX2030C-CP
USB3318-CP-TR
USB3319-CP-TR
USB3310C-CP-TR
USB3311-CP-TR
USB3311C-CP-TR
USB3315C-CP-TR
USB3315-CP-TR
USB3316C-CP-TR
USB3316C-CP-TR-CAG
USB3317C-CP-TR
USB3318C-CP-TR
USB3319C-CP-TR
USB3319C-CP-TR-CAG
USX2030C-CP-TR