



Product Change Notification / ALAN-15MUYV374

Date:

24-May-2022

Product Category:

Clock and Timing - Clock and Data Distribution

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4575.002 Final Notice: Qualification of MTAI as a new assembly site for selected SY898xx and SY100EP111UTG device families available in 32L TQPF (7x7x1mm) package.

Affected CPNs:

[ALAN-15MUYV374_Affected_CPN_05242022.pdf](#)
[ALAN-15MUYV374_Affected_CPN_05242022.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 MTAI as a new assembly site for selected SY898xx and SY100EP111UTG device families available in 32L TQPF (7x7x1mm) package.

Pre and Post Change Summary:

		Pre Change				Post Change	
Assembly Site		Amkor Technology Philippine (P1/P2), INC. (ANAP)				Microchip Technology Thailand (HQ) (MTAI)	
Wire Material		Au				Au	
Die Attach Material		3230				QMI519	
Molding Compound Material		G700				G700	
Moisture Sensitivity Level (MSL)		MSL 3				MSL 1	
Lead-Frame	Material	C194				C7025	
	Paddle Size	138x138				197x197	
	DAP Surface Prep	Double Ring				Ag selective	
	Lead-lock	Yes				No	
	See pre and post change comparison						
Tray	Color	Black				Blue	
	Type	Bakeable				Non-bakeable	
	See pre and post change comparison						

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve manufacturability by qualifying a new assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date:June 30, 2022 (date code: 2227)

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

Time Table Summary:

	May 2022				June 2022				
	1	2	2	2	2	2	2	2	2
Workweek	9	0	1	2	3	4	5	6	7
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 24, 2022: 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.

Attachments:

[PCN_ALAN-15MUYV374_Pre and Post Change_Summary.pdf](#)

[PCN_ALAN-15MUYV374_Qual Report.pdf](#)

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

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