



Product Change Notification / ALAN-09EMDP790

Date:

15-Aug-2023

Product Category:

Driver / Interface ICs, Hot Swap Controller, Power Management - Power Switches, Power Management - PWM Controllers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6482 Initial Notice: Qualification of new lead frame with 96x190 mils lead frame paddle size for selected MIC38Hxx, MIC580xx, MIC258xx, and MIC256xx device families available in 14L SOIC (.150in) package at MMT assembly site.

Affected CPNs:

[ALAN-09EMDP790_Affected_CPN_08152023.pdf](#)

[ALAN-09EMDP790_Affected_CPN_08152023.csv](#)

Notification Text:

PCN Status:Initial 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 new lead-frame paddle size for selected MIC38Hxx, MIC580xx, MIC258xx, and MIC256xx device families available in 14L SOIC (.150in) package.

Pre and Post Change Summary:

	Pre Change		Post Change
Assembly Site	Microchip Technology Thailand (Branch) (MMT)		Microchip Technology Thailand (Branch) (MMT)
Wire Material	Au		Au
Die Attach Material	8390A		8390A
Molding Compound Material	G600V		G600V
Lead-Frame Material	CDA194		CDA194
Lead-Frame Paddle Size	95x155 mils		96x190 mils
DAP Surface Prep	Ag Spot	Bare Cu	Ag Spot
Lead-frame Treatment	None	BOT	BOT
Lead-frame Process	Stamped		Etched

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve productivity by qualifying a new lead frame with 96by190 mils lead frame paddle size.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:November 2023

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

Time Table Summary:

	August 2023					>	November 2023				
Workweek	3 1	3 2	3 3	3 4	3 5		44	45	46	47	48
Initial PCN Issue Date			X								
Qual Report Availability								X			
Final PCN Issue Date								X			

Method to Identify Change:Traceability code

Qualification Plan:Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.

Revision History:August 15, 2023: Issued initial 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-09EMDP790 Qual Plan.pdf](#)

[PCN_ALAN-09EMDP790_Pre and Post Change_Summary.pdf](#)

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

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