



Product Change Notification / CADA-27EMAC404

Date:

28-Jun-2022

Product Category:

8-bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 5157 Initial Notice: Qualification of C194 as an additional lead frame material for selected PIC16F1538xx, PIC16F1918xx, PIC16LF153xx, PIC16LF191xx, PIC18F5xx and PIC18LF5xx device families available in 48L UQFN (6x6x0.5mm) package.

Affected CPNs:

[CADA-27EMAC404_Affected_CPN_06282022.pdf](#)

[CADA-27EMAC404_Affected_CPN_06282022.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 C194 as an additional lead frame material for selected PIC16F1538xx, PIC16F1918xx, PIC16LF153xx, PIC16LF191xx, PIC18F5xx and PIC18LF5xx device families available in 48L UQFN (6x6x0.5mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	UTAC Thai Limited (UTL-1) LTD (NSEB)	UTAC Thai Limited (UTL-1) LTD (NSEB)	UTAC Thai Limited (UTL-1) LTD (NSEB)
Wire Material	Au	Au	Au
Die Attach Material	8600	8600	8600
Molding Compound Material	G700LTD	G700LTD	G700LTD
Lead-Frame Material	EFTEC64T	EFTEC64T	C194
Lead-Frame Paddle Size	193x193 mil	193x193 mil	193x193 mil
DAP Surface Prep	Ag on lead only	Ag on lead only	Ag on lead only

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve manufacturability and productivity by qualifying C194 as an additional lead frame material.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:November 2022

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:

	June 2022					>	November 2022				
Workweek	2 3	2 4	2 5	2 6	2 7		4 5	4 6	4 7	4 8	4 9
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:June 28, 2022: 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_CADA-27EMAC404_Pre and Post Change Summary.pdf](#)
[PCN_CADA-27EMAC404_Qualification Plan Summary.pdf](#)

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

Terms and Conditions:

If you wish to [receive Microchip PCNs via email](#) please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

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)

PIC16F15385-E/MV
PIC16F15386-E/MV
PIC16LF15385-E/MV
PIC16LF15386-E/MV
PIC16F15385-I/MV
PIC16F15386-I/MV
PIC16LF15385-I/MV
PIC16LF15386-I/MV
PIC16F15385T-I/MV
PIC16F15386T-I/MV
PIC16LF15385T-I/MV
PIC16LF15386T-I/MV
PIC16F15385T-E/MV
PIC16LF15385T-E/MV
PIC16F19185-E/MV
PIC16F19186-E/MV
PIC16LF19185-E/MV
PIC16LF19186-E/MV
PIC16F19186-I/MV020
PIC16F19186-I/MV021
PIC16F19185-I/MV
PIC16F19186-I/MV
PIC16LF19185-I/MV
PIC16LF19186-I/MV
PIC16F19186T-I/MV020
PIC16F19186T-I/MV021
PIC16F19185T-I/MV
PIC16LF19186T-I/MV
PIC18LF55K42-E/MV
PIC18F55K42-E/MV
PIC18LF56K42-E/MV
PIC18F56K42-E/MV
PIC18LF55K42-I/MV
PIC18F55K42-I/MV
PIC18LF56K42-I/MV
PIC18F56K42-I/MV
PIC18LF55K42T-I/MV
PIC18F55K42T-I/MV
PIC18LF56K42T-I/MV
PIC18F56K42T-I/MV
PIC18F55K42T-E/MV
PIC18F56K42T-E/MV
PIC18F57K42-E/MV
PIC18LF57K42-E/MV
PIC18F57K42-I/MV
PIC18LF57K42-I/MV

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PIC18F57K42T-I/MV

PIC18LF57K42T-I/MV