



## Product Change Notification / GBNG-23TQLF033

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**Date:**

02-Nov-2022

**Product Category:**

Interface- Serial Peripherals

**PCN Type:**

Manufacturing Change

**Notification Subject:**

CCB 5325 Initial Notice: Qualification of MMT as an additional assembly site for MIC74YQS and MIC74YQS-TR catalog part numbers (CPN) available in 16L QSOP package.

**Affected CPNs:**

[GBNG-23TQLF033\\_Affected\\_CPN\\_11022022.pdf](#)  
[GBNG-23TQLF033\\_Affected\\_CPN\\_11022022.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 MMT as an additional assembly site for MIC74YQS and MIC74YQS-TR catalog part numbers (CPN) available in 16L QSOP package.

**Pre and Post Change Summary:**

	Pre Change	Post Change	
Assembly Site	Amkor Technology	Amkor Technology	Microchip

	Philippine (P1/P2), INC. (ANAP)	Philippine (P1/P2), INC. (ANAP)	Technology Thailand (Branch) / MMT
Wire Material	Au	Au	Au
Die Attach Material	8290	8290	3280
Molding Compound Material	G600	G600	G600
Lead Frame Material	C194	C194	A194
Lead Frame Paddle Size	96x130 mils	96x130 mils	100x160 mils
Lead Frame DAP Surface Prep	Rc Ring Ag	Rc Ring Ag	Ag-RT
Lead Frame Design	Refer to Pre and Post Change comparison.		

**Note:** \*C194, A194 or CDA194 Lead frame material are the same, it is just a MCHP internal labelling difference.

**Impacts to Data Sheet:**None

**Change Impact:**None

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

**Change Implementation Status:**In Progress

**Estimated Qualification Completion Date:**December 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:**

	November 2022				December 2022				
	45	46	47	48	49	50	51	52	53
Workweek									
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:**November 02, 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\\_GBNG-23TQLF033\\_Pre\\_and\\_Post\\_Change\\_Summary.pdf](#)  
[PCN\\_GBNG-23TQLF033\\_Qual\\_Plan.pdf](#)

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

## **Terms and Conditions:**

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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)

MIC74YQS

MIC74YQS-TR