



Product Change Notification / GBNG-16LFXC744

Date:

22-Jun-2021

Product Category:

8-bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 3430.005 Final Notice: Qualification of MTAI as an additional assembly site for selected PIC16F1919x, PIC16LF1919x, PIC18F6xxx and PIC18LF6xxx device families available in 64L QFN (9x9x0.9mm) package.

Affected CPNs:

[GBNG-16LFXC744_Affected_CPN_06222021.pdf](#)

[GBNG-16LFXC744_Affected_CPN_06222021.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 an additional assembly site for selected PIC16F1919x, PIC16LF1919x, PIC18F6xxx and PIC18LF6xxx device families available in 64L QFN (9x9x0.9mm) 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)		Microchip Technology Thailand (HQ) (MTAI)
Wire material	Au		Au		Au
Die attach material	8600		8600		3280
Molding compound material	G700LTD		G700LTD		G700LTD
Lead frame material	EFTEC-64T		EFTEC-64T		C194
Lead frame DAP surface prep	Ag	Bare Cu	Ag	Bare Cu	Bare Cu
Lead frame design	See attached pre and post change comparison				

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve manufacturability by qualifying MTAI as an additional assembly site.

Change Implementation Status:

In Progress or complete

Estimated First Ship Date:

July 10, 2021 (date code: 2128)

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

Time Table Summary:

	June 2021					July 2021			
Workweek	23	24	25	26	27	28	29	30	31
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:

June 22, 2021: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on July 10, 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_GBNG-16LFXC744_Qual_Report.pdf](#)

[PCN_GBNG-16LFXC744_Pre and Post Change_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)

PIC18F65K40-E/MR
PIC18F66K40-E/MR
PIC18LF65K40-E/MR
PIC18LF66K40-E/MR
PIC18F65K40-I/MR
PIC18F66K40-I/MR
PIC18LF65K40-I/MR
PIC18LF66K40-I/MR
PIC18F65K40T-I/MR
PIC18F66K40T-I/MR
PIC18LF65K40T-I/MR
PIC18LF66K40T-I/MR
PIC16F19195-E/MR
PIC16F19196-E/MR
PIC16F19197-E/MR
PIC16LF19195-E/MR
PIC16LF19196-E/MR
PIC16LF19197-E/MR
PIC16F19195-I/MR
PIC16F19196-I/MR
PIC16F19197-I/MR
PIC16LF19195-I/MR
PIC16LF19196-I/MR
PIC16LF19197-I/MR
PIC16LF19195T-I/MR
PIC16LF19196T-I/MR
PIC16LF19197T-I/MR
PIC16LF19196T-E/MRVAO
PIC18F67K40-E/MR
PIC18LF67K40-E/MR
PIC18F67K40-I/MR
PIC18LF67K40-I/MR
PIC18F67K40T-I/MR
PIC18LF67K40T-I/MR