



Product Change Notification / GBNG-27BMFR453

Date:

04-Dec-2020

Product Category:

8-bit Microcontrollers, Capacitive Touch Sensors

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4181.004, 4181.005 and 4181.006 Final Notice: Qualification of MMT as an additional assembly site for selected products available in 16L (3x3x0.5mm), 16L (4x4x0.5mm), 20L (4x4x0.5mm) and 28L (4x4x0.5mm) packages.

Affected CPNs:

[GBNG-27BMFR453_Affected_CPN_12042020.pdf](#)

[GBNG-27BMFR453_Affected_CPN_12042020.csv](#)

Notification Text:

PCN Status: Final notification

PCN Type: Manufacturing Change

Microchip Parts Affected: Please open one of the icons found in the Affected CPNs section above.

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 selected products available in 16L (3x3x0.5mm), 16L (4x4x0.5mm), 20L (4x4x0.5mm) and 28L (4x4x0.5mm) packages.

Pre Change:

Assembled at NSEB assembly site using 8200T or 8600 die attach, G770HCD or G700LTD mold compound material and lead frame without lead lock.

Post Change:

Assembled at NSEB assembly site using 8200T or 8600 die attach, G770HCD or G700LTD mold compound material and lead frame without lead lock.Or

Assembled at MMT assembly site using 8600 die attach, G700LTD mold compound material and lead frame with lead lock.

Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	UTAC Thai Limited LTD (NSEB)	UTAC Thai Limited LTD (NSEB)	Microchip Technology Thailand (Branch) / MMT
Wire material	Au	Au	Au
Die attach material	8200T / 8600	8200T / 8600	8600
Molding compound material	G770HCD / G700LTD	G770HCD / G700LTD	G700LTD
Lead frame material	EFTEC 64T	EFTEC 64T	EFTEC 64T
Lead-lock	No	No	Yes

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve on-time delivery performance by qualifying MMT as an additional assembly site.

Change Implementation Status:

In Progress

Estimated First Ship Date:

January 15, 2021 (date code: 2103)

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

Time Table Summary:

	December 2020				January 2021				
Workweek	49	50	51	52	01	02	03	04	05
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:

December 04, 2020: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on January 15, 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-27BMFR453_Pre and Post Change Summary.pdf](#)
[PCN_GBNG-27BMFR453_Qual_Report.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.