



## Product Change Notification / GBNG-08VOOS770

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### Date:

10-Nov-2020

### Product Category:

16-Bit - Microcontrollers and Digital Signal Controllers

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 4131.001 Final Notice: Qualification of MTAI as a new assembly site for selected PIC24FJ128GL305 and PIC24FJ64GL305 device families available in 48L TQFP (7x7x1mm) package.

### Affected CPNs:

[GBNG-08VOOS770\\_Affected\\_CPN\\_11102020.pdf](#)  
[GBNG-08VOOS770\\_Affected\\_CPN\\_11102020.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 MTAI as a new assembly site for selected PIC24FJ128GL305 and PIC24FJ64GL305 device families available in 48L TQFP (7x7x1mm) package.

#### Pre Change:

Assembled at ANAP assembly site with MSL 3 classification using AP4200 die attach, G631HQ mold compound, C194 lead frame, 161x161 mils paddle size.

#### Post Change:

Assembled at MTAI assembly site with MSL 1 classification using 3280 die attach, G700HA mold compound, C7025 lead frame, 200x200 mils paddle size.

**Pre and Post Change Summary:**

	Pre Change	Post Change
<b>Assembly Site</b>	Amkor Technology Philippine (P1/P2), INC. / (ANAP)	Microchip Technology Thailand (HQ) (MTAI)
<b>Wire material</b>	Au	Au
<b>Die attach material</b>	AP4200	3280
<b>Molding compound material</b>	G631HQ	G700HA
<b>Lead frame</b>	<b>Material</b>	C194
	<b>Paddle size</b>	161x161 mils
	<b>Design</b>	Please see attached Pre and Post Change summary.
<b>MSL Classification</b>	MSL 3	MSL 1

**Impacts to Data Sheet:** None

**Change Impact:**

None

**Reason for Change:**

To improve productivity and on-time delivery performance by qualifying MTAI as a new assembly site.

**Change Implementation Status:**

In Progress

**Estimated First Ship Date:**

December 4, 2020 (date code: 2049)

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

**Time Table Summary:**

	November 2020				December 2020				
Workweek	45	46	47	48	49	50	51	52	53
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:**

**November 10, 2020:** Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on December 4, 2020

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-08VOOS770\\_Pre and Post Change Summary.pdf](#)  
[PCN\\_GBNG-08VOOS770\\_Qual\\_Report.pdf](#)

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

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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)

PIC24FJ128GL305-E/PT

PIC24FJ64GL305-E/PT

PIC24FJ128GL305-I/PT

PIC24FJ64GL305-I/PT

PIC24FJ128GL305T-I/PT

PIC24FJ64GL305T-I/PT