



## Product Change Notification / GBNG-04WJLP006

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### Date:

09-Jul-2021

### Product Category:

16-Bit - Microcontrollers and Digital Signal Controllers, 32-bit Microcontrollers

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 3920.001, 3920.002 and 3920.003 Final Notice: Qualification of MMT as an additional assembly site for various products available in 64L QFN (9x9x0.9mm), 44L QFN (8x8x0.9mm) and 28L QFN-S (6x6x0.9mm) packages.

### Affected CPNs:

[GBNG-04WJLP006\\_Affected\\_CPN\\_07092021.pdf](#)

[GBNG-04WJLP006\\_Affected\\_CPN\\_07092021.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 MMT as an additional assembly site for various products available in 64L QFN (9x9x0.9mm), 44L QFN (8x8x0.9mm) and 28L QFN-S (6x6x0.9mm) packages.

**Pre and Post Change Summary:**

	Pre Change		Post Change		
<b>Assembly Site</b>	UTAC Thai Limited (UTL-1) LTD.(NSEB)		UTAC Thai Limited (UTL-1) LTD.(NSEB)	Microchip Technology Thailand Branch (MMT)	
<b>Wire material</b>	Au	CuPdAu	Au	CuPdAu	Au
<b>Die attach material</b>	8600	8200T	8600	8200T	3280
<b>Molding compound material</b>	G700LTD	G770HCD	G700LTD	G770HCD	G700LTD
<b>Lead frame material</b>	EFTEC-64T	C194	EFTEC-64T	C194	C194
<b>Lead frame DAP Surface Prep</b>	Ag	Bare Cu	Ag	Bare Cu	Bare Cu
<b>Lead frame lead-lock</b>	No		No		No (Note1)
					Yes (Note2)
<b>Lead frame design</b>	See attached pre and post change comparison				

Note1: Applicable for 64L (9x9x0.9mm) package.

Note2: Applicable for 44L QFN (8x8x0.9mm) and 28L QFN-S (6x6x0.9mm) packages.

**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:**

July 30, 2021 (date code: 2131)

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

**Time Table Summary:**

	July 2021				
Workweek	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:**

**July 09, 2021:** Issued final 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-04WJLP006\\_Qual\\_Report.pdf](#)
- [PCN\\_GBNG-04WJLP006\\_Pre and Post Change\\_Summary.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)

DSPIC33EP128MC206-E/MR  
DSPIC33EP128MC506-E/MR  
PIC24EP128MC206-E/MR  
DSPIC33EP128GP506-I/MR  
DSPIC33EP128MC206-I/MR  
DSPIC33EP128MC506-I/MR  
PIC24EP128GP206-I/MR  
PIC24EP128MC206-I/MR  
DSPIC33EP128MC206T-H/MR  
DSPIC33EP128MC206T-H/MRVAO  
DSPIC33EP128MC506T-H/MRVAO  
DSPIC33EP128GP506-H/MR  
DSPIC33EP128MC206-H/MR  
DSPIC33EP128MC506-H/MR  
PIC24EP128GP206-H/MR  
PIC24EP128MC206-H/MR  
DSPIC33EP128GP506T-I/MR  
DSPIC33EP128MC206T-I/MR  
DSPIC33EP128MC506T-I/MR  
PIC24EP128GP206T-I/MR  
PIC24EP128MC206T-I/MR  
DSPIC33EV64GM106-E/MR  
DSPIC33EV32GM006-E/MR  
DSPIC33EV64GM006-E/MRVAO  
DSPIC33EV128GM106-I/MR  
DSPIC33EV64GM006-I/MR  
DSPIC33EV64GM106-I/MR  
DSPIC33EV32GM006-I/MR  
DSPIC33EV32GM106-I/MR  
DSPIC33EV64GM006-I/MRVAO  
DSPIC33EV128GM106-H/MR  
DSPIC33EV64GM106-H/MR  
DSPIC33EV128GM006T-I/MR  
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DSPIC33EP64GS804T-E/ML  
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PIC32MX130F064DT-V/ML  
PIC32MX130F064DT-I/ML  
DSPIC33EP64MC202-E/MMVAO  
DSPIC33EP128GS702-E/MM  
DSPIC33EP128GS702-I/MM  
DSPIC33EP128GS702T-I/MM  
DSPIC33EP128GS702T-E/MM