



## Product Change Notification: ALAN-15VWL0673

### Date:

10-Oct-2024

### Product Category:

16-Bit - Microcontrollers And Digital Signal Controllers, 32-Bit Microcontrollers

### Notification Subject:

CCB 6825 Final Notice: Qualification of MMT as an additional assembly site for selected PIC24FJ128Gxx, PIC24FJ256Gxx, PIC24FJ32Gxx, PIC24FJ512Gxx, PIC24FJ64Gxx, and PIC32MM0xx device families available in 48L UQFN (6x6x0.6mm) package.

### Affected CPNs:

[ALAN-15VWL0673\\_Affected\\_CPN\\_10102024.pdf](#)

[ALAN-15VWL0673\\_Affected\\_CPN\\_10102024.csv](#)

**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 selected PIC24FJ128Gxx, PIC24FJ256Gxx, PIC24FJ32Gxx, PIC24FJ512Gxx, PIC24FJ64Gxx, and PIC32MM0xx device families available in 48L UQFN (6x6x0.6mm) package.

### Pre and Post Summary Changes:

	Pre Change	Post Change	
Assembly Site	Amkor Assembly & Test (Shanghai) Co., LTD (ANAC)	Amkor Assembly & Test (Shanghai) Co., LTD (ANAC)	Microchip Technology Thailand (Branch) (MMT)

Wire Material	CuPdAu	CuPdAu	Au
Die Attach Material	CRM1085A	CRM1085A	QMI519
Molding Compound Material	G631BQF	G631BQF	G700LTD
Lead-Frame Material	C7025	C7025	EFTEC64T
Lead Lock	No	No	Yes
Lead-Frame Paddle Size	193x193	193x193	193x193
DAP Surface Prep	Bare Cu	Bare Cu	Cu-RT
Lead Frame Design	See Pre and Post change for comparison.		

**Impacts to Datasheet:** None

### Change Impact: None

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

## Change Implementation Status: In Progress

**Estimated First Ship Date:** 29 November 2024 (date code: 2448)

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

## Timetable Summary:

<b>Qual Report Availability</b>							<b>X</b>							
<b>Final PCN Issue Date</b>								<b>X</b>						
<b>Estimated Implementation Date</b>														<b>X</b>

**Method to Identify Change:** Traceability Code

**Qualification Report:** Please open the attachments included with this PCN labeled as PCN\_{PCN}\_Qual\_Report.

#### **Revision History:**

April 02, 2024: Issued initial notification.

October 10, 2024: Issued Final Notification. Attached the Qualification Report. Provided estimated first ship date to be on November 29, 2024.

**Note:** The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable product.

#### **Attachments:**

[\*\*PCN\\_ALAN-15VWL0673 Qual Report.pdf\*\*](#)

[\*\*PCN\\_ALAN-15VWL0673\\_Pre and Post Change\\_Summary.pdf\*\*](#)

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

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