



## Product Change Notification: MFOL-03MQJR414

### Date:

17-Mar-2025

### Product Category:

Special Purpose Analog to Digital Converters

### Notification Subject:

CCB 7375 Initial Notice: Qualification of MMT as a new assembly site for TC7126CKW, TC7126ACKW, TC7126CKW713 and TC7126ACKW713 catalog part numbers (CPN) and QMI519 as a new die attach material for TC7106, TC7106A, TC7107, TC7107A, TC7109, TC7109A, TC7116, TC7116A, TC7117, TC7117A, TC7126, TC7126A and TC7129 device families available in 44L MQFP (10x10x2mm) package.

### Affected CPNs:

[\*\*MFOL-03MQJR414\\_Affected\\_CPN\\_03172025.pdf\*\*](#)  
[\*\*MFOL-03MQJR414\\_Affected\\_CPN\\_03172025.csv\*\*](#)

**PCN Status:** Initial 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 a new assembly site for TC7126CKW, TC7126ACKW, TC7126CKW713 and TC7126ACKW713 catalog part numbers (CPN) and QMI519 as a new die attach material for TC7106, TC7106A, TC7107, TC7107A, TC7109, TC7109A, TC7116, TC7116A, TC7117, TC7117A, TC7126, TC7126A and TC7129 device families available in 44L MQFP (10x10x2mm) package.

### Pre and Post Summary Changes:

*\* Applies only for TC7126CKW, TC7126ACKW, TC7126CKW713 and TC7126ACKW713 catalog part numbers.*

	Pre Change	Post Change
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<b>Assembly Site</b>	Amkor Technology Philippine (P1/P2), INC. (ANAP)	Amkor Technology Philippine (P1/P2), INC. (ANAP)	Microchip Technology Thailand (Branch) (MMT)
<b>Wire Material</b>	Au	Au	Au
<b>Die Attach Material</b>	3230	3230	<b>QMI519</b>
<b>Molding Compound Material</b>	G700M	G700M	<b>G600V</b>
<b>Lead-Frame Material</b>	C7025	C7025	C7025
<b>Lead-Frame Paddle Size</b>	244x244 mils	244x244 mils	<b>275x275 mils</b>
<b>DAP Surface Prep</b>	Ag Spot Plated	Ag Spot Plated	<b>Bare Cu</b>
<b>Lead- Frame Design</b>	See pre and post change for comparison.		

\* Applies for remaining affected CPNs

	<b>Pre Change</b>		<b>Post Change</b>	
<b>Assembly Site</b>	Amkor Technology Philippine (P1/P2), INC. (ANAP)	Microchip Technology Thailand (Branch) (MMT)	Amkor Technology Philippine (P1/P2), INC. (ANAP)	Microchip Technology Thailand (Branch) (MMT)
<b>Wire Material</b>	Au	Au	Au	Au
<b>Die Attach Material</b>	3230	3280	3230	QMI519
<b>Molding Compound Material</b>	G700M	G600V	G700M	G600V
<b>Lead-Frame Material</b>	C7025	C7025	C7025	C7025
<b>DAP Surface Prep</b>	Ag Spot Plated	Ag Spot Plated	Ag Spot Plated	Bare Cu
<b>Lead- Frame Design</b>	See pre and post change for comparison.			

**Impacts to Datasheet:** None

**Change Impact:** None

**Reason for Change:** To improve on-time delivery performance by qualifying MMT as a new assembly site.

**Change Implementation Status:** In Progress

**Estimated Qualification Completion Date:** May 2025

**Note:** Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

**Timetable Summary:**

	March 2025					>	May 2025				
Work Week	10	11	12	13	14		18	19	20	21	22
Initial PCN Issue Date		x									
Qual Report Availability								x			
Final PCN Issue Date								x			

**Method to Identify Change:** Traceability Code

**Qualification Plan:** Please open the attachments included with this PCN labeled as PCN\_#\_Qual\_Plan.

**Revision History:** March 10, 2025: Issued final notification.

March 17, 2025: Re-issued the PCN notification to update the revision history stating from final notification to initial notification.

**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\_MFOL-03MQJR414\_Pre and Post Change\_Summary.pdf**  
**PCN\_MFOL-03MQJR414 Qual Plan.pdf**

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

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