



Product Change Notification / MFOL-06JTCQ469

Date:

15-Apr-2024

Product Category:

Analog to Digital Converters

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6300 Final Notice: Qualification of ASE as an additional assembly site for selected MCP356xx and MCP346xx device families available in 20L UQFN (3x3x0.55mm) package.

Affected CPNs:

[MFOL-06JTCQ469_Affected_CPN_04152024.pdf](#)
[MFOL-06JTCQ469_Affected_CPN_04152024.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 ASE as an additional assembly site for selected MCP356xx and MCP346xx device families available in 20L UQFN (3x3x0.55mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change
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Assembly Site		Lingsen Precision Industries, Taiwan. (LPI)	Lingsen Precision Industries, Taiwan. (LPI)	ASE Inc. (ASE)
Wire Material		Au	Au	Au
Die Attach Material		8352L	8352L	SC-13
Molding Compound Material		G770HT	G770HT	CEL-9240HF10AKI2-U
Lead-Frame Material	Material	C7025	C7025	C7025
	Paddle Size	77x77 mils	77x77 mils	76X76 mils
	Treatment	None	None	Roughened
DAP Surface Prep		Spot	Spot	Double Ring Ag

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve on-time delivery performance by qualifying ASE as an additional assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date:May 17, 2024 (date code: 2420)

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

Time Table Summary:

		August 2023					>	April 2024					May 2024			
Workweek		3 1	3 2	3 3	3 4	3 5		1 4	1 5	1 6	1 7	1 8	1 9	2 0	2 1	2 2
Initial PCN Issue Date			X													
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:August 07, 2023: Issued initial notification.

December 14, 2023: Re-issued to update die attach material from FH-900 to SC-13.

April 15, 2024: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on May 17, 2024. Corrected ASE Inc. alternate name from ASEK to ASE.

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

Attachments:

[PCN_MFOL-06JTCQ469 Pre_and_Post Change_Summary.pdf](#)
[PCN_MFOL-06JTCQ469 Qual Report.pdf](#)

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

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