



Product Change Notification / MFOL-06JTCQ469

Date:

14-Dec-2023

Product Category:

Analog to Digital Converters

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6300 Initial Notice: Qualification of ASEK 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_12142023.pdf](#)

[MFOL-06JTCQ469_Affected_CPN_12142023.csv](#)

Notification Text:

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 ASEK 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

Assembly Site		Lingsen Precision Industries, Taiwan. (LPI)	Lingsen Precision Industries, Taiwan. (LPI)	ASE Inc. (ASEK)
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 ASEK as an additional assembly site.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:December 2023

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.

Time Table Summary:

	August 2023					>	December 2023				
Workweek	3 1	3 2	3 3	3 4	3 5		49	50	51	52	53
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:August 07, 2023: Issued initial notification.

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

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_Qualification Plan.pdf](#)

[PCN_MFOL-06JTCQ469_Pre and Post_Change Summary.pdf](#)

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

Terms and Conditions:

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

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)

MCP3561T-E/NC
MCP3562T-E/NC
MCP3564T-E/NC
MCP3461T-E/NC
MCP3462T-E/NC
MCP3464T-E/NC
MCP3561RT-E/NC
MCP3562RT-E/NC
MCP3564RT-E/NC
MCP3461RT-E/NC
MCP3462RT-E/NC
MCP3464RT-E/NC