



Product Change Notification / LIAL-09UEWG307

Date:

19-Mar-2021

Product Category:

Clock and Timing - Clock and Data Distribution, Clock and Timing - High Speed Communication

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4395 Final Notice: Qualification of MMT as an additional assembly site for selected Micrel products available in 16L VQFN (3x3x1.00mm) package.

Affected CPNs:

[LIAL-09UEWG307_Affected_CPN_03192021.pdf](#)

[LIAL-09UEWG307_Affected_CPN_03192021.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 selected Micrel products available in 16L VQFN (3x3x1.00mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	Unisem (M) Berhad	Unisem (M) Berhad	Microchip Technology

	Perak, Malaysia (UNIS)	Perak, Malaysia (UNIS)	Thailand (MMT)
Wire material	Au	Au	Au
Die attach material	8290	8290	8600
Molding compound material	G770HCD	G770HCD	G700LTD
Lead frame material	C194	C194	C194
Lead Frame Lead Lock	No	No	Yes
Lead frame paddle size	69 x 69 mils	69 x 69 mils	75 x 75 mils
Moisture Sensitivity Level	MSL-2	MSL-2	MSL-1

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:

March 26, 2021 (date code: 2113)

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

Due to unforeseen circumstances, that are out of Microchip's control, full qualification will be made available as soon as it is approved which may be after the estimated first ship date so that Microchip can maintain continuity of supply and not disrupt customer orders.

Time Table Summary:

	December 2020					->	March 2021				
Workweek	49	50	51	52	53		10	11	12	13	14
Initial PCN Issue Date				X							
Final PCN Issue Date									X		
Qual Report Availability											X
Estimated First Ship Date										X	

Method to Identify Change:

Traceability code

Qualification Report:

Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Note 1: The attached qualification report is incomplete but based on the available data and historical data, Microchip is confident that the pending qualification requirement will pass. The estimated qualification completion date will be on March 31, 2021. This final PCN will be updated to include the completed qualification report.

Note 2: 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.

Revision History:

December 21, 2020: Issued initial notification.

March 19, 2021: Issued final notification. Attached the Pre and Post Change Summary. Provided estimated first ship date to be on March 26, 2021.

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

Attachments:

[PCN_LIAL-09UEWG307_Qual_Report.pdf](#)

[PCN_LIAL-09UEWG307_Pre and Post Change Summary.pdf](#)

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

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