



Product Change Notification / NTDO-14VTWR800

Date:

17-Sep-2021

Product Category:

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

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4395.001 Initial Notice: Qualification of MMT as additional assembly site for selected Micrel SY5805xAUMG, SY880x3LMG, SY880x3CLMG and SY88xxxALMG device families available in 16L VQFN (3x3x1.00mm) package

Affected CPNs:

[NTDO-14VTWR800_Affected_CPN_09172021.pdf](#)

[NTDO-14VTWR800_Affected_CPN_09172021.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 MMT as additional assembly site for selected Micrel SY5805xAUMG, SY880x3LMG, SY880x3CLMG and SY88xxxALMG device families available in 16L VQFN (3x3x1.00mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change
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Assembly Site		Unisem (M) Berhad Perak, Malaysia (UNIS)	Unisem (M) Berhad Perak, Malaysia (UNIS)	Microchip Technology Thailand (Branch) (MMT)
MSL		2	2	1
Wire material		Au	Au	Au
Die attach material	Material	8290	8290	8600
	Conductive	Yes	Yes	Yes
Molding compound material		G770HCD	G770HCD	G700LTD
Lead frame	Material	C194	C194	C194
	Lead-lock	No	No	Yes
	DAP Surface Prep	NiPdAu	NiPdAu	NiPdAu
	Paddle Size	69 x 69 mils	69 x 69 mils	75 x 75 mils

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 Qualification Completion Date:September 2021

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:

	September 2021				
Workweek	36	37	38	39	40
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: September 17, 2021: Issued initial notification.

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

Attachments:

[PCN_NTDO-14VTWR800_Qual_Plan.pdf](#)

[PCN_NTDO-14VTWR800_Pre and Post Change_Summary.pdf](#)

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

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