



Product Change Notification / NTDO-14VTWR800

Date:

17-Dec-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 Final 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_12172021.pdf](#)

[NTDO-14VTWR800_Affected_CPN_12172021.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 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	
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	8290	8290	8600
	Conductive	Yes	Yes	Yes
Molding Compound Material		G770HCD	G770HCD	G700LTD
Lead Frame Material	Material	C194	C194	C194
	DAP Surface Prep	NiPdAu	NiPdAu	NiPdAu
	Paddle Size	69 x 69 mils	69 x 69 mils	75x75 mils
	Lead-Lock	No	No	Yes
See Pre and Post change comparison				

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:November 19, 2021 (datecode: 2147)

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

Time Table Summary:

	September 2021					->	November 2021				December 2021				
Workweek	3 6	3 7	3 8	3 9	4 0		45	46	47	4 8	49	50	51	52	53
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:September 17, 2021: Issued initial notification.
November 13, 2021: Issued Final Notification. Provided estimated first ship date to be on November 19, 2021.
December 17, 2021: Re-issued final notification. Attached the qualification report and updated timetable summary.

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 Report.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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