



Product Change Notification / NTDO-28PSRS829

Date:

20-Jul-2021

Product Category:

Clock and Timing - Oscillators

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4681 Initial Notice: Qualification of STAR as an additional assembly site for selected Micrel products available in 6L VDFN (7x5x0.9 mm) package.

Affected CPNs:

[NTDO-28PSRS829_Affected_CPN_07202021.pdf](#)

[NTDO-28PSRS829_Affected_CPN_07202021.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 STAR as an additional assembly site for selected Micrel products available in 6L VDFN (7x5x0.9 mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	UTAC Thai Limited (NSEB)	UTAC Thai Limited (NSEB)	Stars Microelectronics (Thailand) Public Company Limited (STAR)
Wire material	Au	Au	Au
Die attach material 1	HR-5104	HR-5104	HR-5104
	Non-Conductive (DAF)	Non-Conductive (DAF)	Non-Conductive (DAF)
Die attach material 2	2200D	2200D	2200D
	Conductive	Conductive	Conductive
Die Coat	JCR6109	JCR6109	JCR6109
Molding compound material	G700LTD	G700LTD	G700LTD
Leadframe material	C194	C194	C194
Lead Lock (Locking Hole)	Yes	Yes	Yes

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve manufacturability and on-time delivery performance by qualifying STAR as an additional assembly site.

Change Implementation Status:

In Progress

Estimated Qualification Completion Date:

January 2022

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:

	July 2021					->	January 2022							
	27	28	29	30	31		1	2	3	4	5	6		
Workweek														
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:**July 6, 2021:** Issued initial notification.**July 12, 2021:** Re-issued initial notification to correct the attached PCN_NTDO-28PSRS829_Qual Plan.**July 20, 2021:** Re-issued initial notification to update the attached Pre and Post Change 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-28PSRS829 Pre and Post Change Summary.pdf](#)
[PCN_NTDO-28PSRS829_Qual Plan.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

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