



Product Change Notification / NTDO-29TVUD658

Date:

12-May-2021

Product Category:

Ethernet Bridges, Ethernet Controllers, USB Hubs

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4623 Final Notice: Qualification of STA as an additional assembly site for LAN9220, LAN9221, LAN9500 and USB2524 SMSC device families available in 56L VQFN (8x8x0.9mm) package

Affected CPNs:

[NTDO-29TVUD658_Affected_CPN_05122021.pdf](#)

[NTDO-29TVUD658_Affected_CPN_05122021.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 STA as an additional assembly site for LAN9220, LAN9221, LAN9500 and USB2524 SMSC device families available in 56L VQFN (8x8x0.9mm) package.

Pre and Post Change Summary:

	Pre Change		Post Change		
Assembly Site	ASE Inc. (ASE)		ASE Inc. (ASE)		STATS Chippac Ltd. (STA)
Wire material	PdCu	Au	PdCu	Au	CuPdAu

Die attach material	EN-4900F	EN-4900F	8290
Molding compound material	G631B	G631B	G700E
Lead frame material	C194	C194	C194
Lead frame paddle size	240X240 mils	240X240 mils	236X236 mils
See attached pre and post change comparison			
DAP Surface Prep	Double Ring	Double Ring	Ring Plating

Impacts to Data Sheet: None

Change Impact: None

Reason for Change: To improve manufacturability by qualifying STA as an additional assembly site

Change Implementation Status: In Progress

Estimated First Ship Date: July 8, 2021 (date code: 2128)

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

Time Table Summary:

	May 2021					-->	July 2021				
	1 9	2 0	2 1	2 2	2 3		2 7	2 8	2 9	3 0	3 1
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.

Revision History:

May 12, 2021: Issued final notification. Attached the qualification report. Provided estimated first ship date to be on July 08, 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 NTDO-29TVUD658_Pre and Post Change Comparison.pdf

PCN_NTDO-29TVUD658_Qual_Report.pdf

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

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