



Product Change Notification / NTDO-29TVUD658

Date:

23-Nov-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_11232021.pdf](#)

[NTDO-29TVUD658_Affected_CPN_11232021.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	Double Ring

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				
Workweek	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.**November 17, 2021:** Updated Ring Plating to Double Ring in Pre and Post Change Summary.

November 23, 2021: Updated attached PCN NTDO-29TVUD658_Pre and Post Change Comparison.

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 PostChange Comparison.pdf](#)
[PCN_NTDO-29TVUD658_Qual_Report.pdf](#)

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

Terms and Conditions:

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.