



## 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

<b>Die attach material</b>	EN-4900F	EN-4900F	8290
<b>Molding compound material</b>	G631B	G631B	G700E
<b>Lead frame material</b>	C194	C194	C194
<b>Lead frame paddle size</b>	240X240 mils	240X240 mils	236X236 mils
	See attached pre and post change comparison		
<b>DAP Surface Prep</b>	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				
	1 9	2 0	2 1	2 2	2 3		2 7	2 8	2 9	3 0	3 1
Workweek											
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.

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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.

Affected Catalog Part Numbers (CPN)

LAN9220-ABZJ

LAN9221-ABZJ

LAN9221I-ABZJ

USB2524-ABZJ

LAN9500-ABZJ-A00

LAN9500I-ABZJ

LAN9500-ABZJ

LAN9500I-ABZJ-TR