



## Product Change Notification / NTDO-15KTCA141

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**Date:**

07-Sep-2021

**Product Category:**

USB Products

**PCN Type:**

Manufacturing Change

**Notification Subject:**

CCB 4572.003 Final Notice: Qualification of MTAI as an additional assembly site for selected USB4715, USB4914 and USB4925 device families available in 48L VQFN (7x7x1 mm) package.

**Affected CPNs:**

[NTDO-15KTCA141\\_Affected\\_CPN\\_09072021.pdf](#)

[NTDO-15KTCA141\\_Affected\\_CPN\\_09072021.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 MTAI as an additional assembly site for selected USB4715, USB4914 and USB4925 device families available in 48L VQFN (7x7x1 mm) package.

**Pre and Post Change Summary:**

For CPNs USB4925-I/Y9XVAA, USB4925T-I/Y9XVAA and USB4914T-I/Y9XVBA:

	Pre Change		Post Change		
<b>Assembly Location</b>	Amkor Assembly & Test (Shanghai) Co., LTD (ANAC)	ASE Inc. - Kaoshiung (ASE)	Amkor Assembly & Test (Shanghai) Co., LTD (ANAC)	ASE Inc. - Kaoshiung (ASE)	Microchip Technology Thailand(HQ) (MTAI)
<b>Wire material</b>	CuPdAu	CuPdAu	CuPdAu	CuPdAu	CuPdAu
<b>Die attach material</b>	CRM1085A	EN-4900F	CRM1085A	EN-4900F	3280
<b>Molding compound material</b>	G631BQF	G631H	G631BQF	G631H	G700LTD
<b>Lead frame material</b>	C194	C194	C194	C194	C194
<b>DAP Surface Prep</b>	Ag ring plated on DAP	Ag ring plated on DAP	Ag ring plated on DAP	Ag ring plated on DAP	Ag ring plated on DAP
<b>Lead frame design</b>	Please see attached pre and post change comparison.				

For CPNs USB4715/Y9X, USB4715-I/Y9X, USB4715-I/Y9XVAA, USB4914-I/Y9XVAA, USB4914-I/Y9XVBA, USB4715T/Y9X, USB4715T-I/Y9X, USB4715T-I/Y9XVAA and USB4914T-I/Y9XVAA:

	Pre Change		Post Change	
<b>Assembly Location</b>	ASE Inc. - Kaoshiung (ASE)	ASE Inc. - Kaoshiung (ASE)	ASE Inc. - Kaoshiung (ASE)	Microchip Technology Thailand(HQ) (MTAI)
<b>Wire material</b>	CuPdAu	CuPdAu	CuPdAu	CuPdAu
<b>Die attach material</b>	EN-4900F	EN-4900F	EN-4900F	3280
<b>Molding compound material</b>	G631H	G631H	G631H	G700LTD
<b>Lead frame material</b>	C194	C194	C194	C194
<b>DAP Surface Prep</b>	Ag ring plated on DAP	Ag ring plated on DAP	Ag ring plated on DAP	Ag ring plated on DAP
<b>Lead frame design</b>	Please see attached pre and post change comparison.			

**Impacts to Data Sheet:**None

**Change Impact:**None

**Reason for Change:**To improve manufacturability by qualifying MTAI as an additional assembly site.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**

September 10, 2021 (date code: 2137)

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

**Time Table Summary:**

	September 2021			
Workweek	37	38	39	40
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 07, 2021:** Issued final notification.

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-15KTCA141\\_Pre\\_and\\_Post\\_Change\\_Summary.pdf](#)

[PCN NTDO-15KTCA141\\_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)

USB4715/Y9X  
USB4715-I/Y9X  
USB4715-I/Y9XVAA  
USB4715T/Y9X  
USB4715T-I/Y9X  
USB4715T-I/Y9XVAA  
USB4914-I/Y9XVAA  
USB4914-I/Y9XVBA  
USB4914T-I/Y9XVAA  
USB4914T-I/Y9XVBA  
USB4925-I/Y9XVAA  
USB4925T-I/Y9XVAA