



Product Change Notification / NTDO-03VNMZ138

Date:

09-Feb-2022

Product Category:

Interface- LIN Transceiver

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4929 Final Notice: Qualification of MMT as an additional assembly site for ATA6670-FFQW-1 catalog part number (CPN) available in 14L VDFN (3x4.5x0.9mm) package.

Affected CPNs:

[NTDO-03VNMZ138_Affected_CPN_02092022.pdf](#)
[NTDO-03VNMZ138_Affected_CPN_02092022.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 MMT as an additional assembly site for ATA6670-FFQW-1 catalog part number (CPN) available in 14L VDFN (3x4.5x0.9mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change
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Assembly Site	ASE Group Chung-Li (ASCL)	ASE Group Chung-Li (ASCL)	Microchip Technology Thailand (Branch) (MMT)
Wire Material	AuPd1	AuPd1	CuPdAu
Wire Diameter	0.8mil	0.8mil	0.8mil
Die Attach Material	EN4900G	EN4900G	3280
Molding Compound Material	G700	G700	G700
Lead-Frame Material	C7025	C7025	C194
	See Pre and Post Change attachment comparison		
Lead-Frame Paddle Size	1.9 x 4.2mm	1.9 x 4.2mm	1.9 x 4.3 mm
Lead-lock	No	No	Yes

Impacts to Data Sheet:Yes. POD (package outline drawing) change. See the changes below:

Dimensions in mm

Dimension	Symbol	ASCL			MMT		
		Min	Nom	max	Min	Nom	Max
Overall height	A	0.80	0.85	0.90	0.80	0.90	1.00
Wettable flank step length	D3	-	-	0.040	-	-	0.085
Wettable flank step height	A4	0.10	-	0.15	0.10	-	0.19

Reason for Change:To improve productivity by qualifying MMT as an additional assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date:March 15, 2022 (date code: 2212)

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

Time Table Summary:

	February 2022					March 2022				
Workweek	6	7	8	9	10	11	12	13	14	15
Final PCN Issue Date		x								
Qual Report Availability		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:February 9, 2022: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on March 15, 2022.

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-03VNMZ138_Pre_and_Post_Change_Summary.pdf](#)
[PCN_NTDO-03VNMZ138_Qual_Report.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

ATA6670-FFQW-1