



## Product Change Notification / NTDO-14NLIX570

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### Date:

15-Nov-2021

### Product Category:

Digital Temperature Sensors

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 4911 Final Notice: Qualification of additional 68x94 mils lead frame paddle size for selected SMSC EMC10xx, EMC14xx and EMC181xT device families available in 10L MSOP (3x3 mm) package assembled at NSEB assembly site.

### Affected CPNs:

[NTDO-14NLIX570\\_Affected\\_CPN\\_11152021.pdf](#)

[NTDO-14NLIX570\\_Affected\\_CPN\\_11152021.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 additional 68x94 mils lead frame paddle size for selected SMSC EMC10xx, EMC14xx and EMC181xT device families available in 10L MSOP (3x3 mm) package assembled at NSEB assembly site.

### Pre and Post Change Summary:

	Pre Change	Post Change

Assembly Site		UTAC Thai Limited (UTL-1) LTD (NSEB)	UTAC Thai Limited (UTL-1) LTD (NSEB)	
Wire Material		Au	Au	
Die Attach Material		8200T	8200T	
Molding Compound Material		G600	G600	
Lead-Fram e	Material	C7025	C194	
	Paddle Size	82x94 mil	82x94 mil	68x94 mil
	Lead lock	No	Yes	
	Design	See Pre and Post change comparison		

**Impacts to Data Sheet:**None

**Change Impact:**None

**Reason for Change:**To improve manufacturability by qualifying 68x94 mils lead frame paddle size.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**November 28, 2021 (date code: 2149)

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

**Time Table Summary:**

	November 2021				
Workweek	4 5	4 6	4 7	4 8	4 9
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:** November 15, 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-14NLIX570\\_Pre\\_and\\_Post\\_Change\\_Summary.pdf](#)  
[PCN\\_NTDO-14NLIX570\\_Qual\\_Report.pdf](#)

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

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