



Product Change Notification / NTDO-10FDYO203

Date:

14-Sep-2021

Product Category:

Linear Op Amps

PCN Type:

Manufacturing Change

Notification Subject:

CCB 3064.003 Final Notice: Qualification of new lead frame design (lead lock) for selected MCP6042 device family available in 8L SOIC (.150in) package at MTAI assembly site.

Affected CPNs:

[NTDO-10FDYO203_Affected_CPN_09142021.pdf](#)

[NTDO-10FDYO203_Affected_CPN_09142021.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 new lead frame design (lead lock) for selected MCP6042 device family available in 8L SOIC (.150in) package at MTAI assembly site.

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Location	Microchip Technology Thailand (MTAI) (HQ)	Microchip Technology Thailand (MTAI) (HQ)

Wire material	Au	Au
Die attach material	8390A	8390A
Molding compound material	G600	G600
Lead frame material	CDA194	CDA194
Lead Lock	No	Yes
Lead frame DAP Surface Prep	Ag	Bare Cu
Lead frame Comparison	Please see attached pre and post change summary	

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To reduce the delamination and further improve device reliability by qualifying new lead frame design with lead lock.

Change Implementation Status:In Progress

Estimated First Ship Date:

October 3, 2021 (date code: 2141)

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

Time Table Summary:

	September 2021					October 2021				
	3 6	3 7	3 8	3 9	4 0	4 1	4 2	43	4 4	45
Workweek										
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 14, 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-10FDYO203_Pre and Post Change Summary.pdf](#)
[PCN_NTDO-10FDYO203_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)

MCP6042-E/SNVAO

MCP6042T-E/SNVAO