



Product Change Notification / JAON-04IGFH099

Date:

09-Feb-2021

Product Category:

Power MOSFET Drivers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4542 Initial Notice: Qualification of a new lead frame design for selected products available in 8L SOIC package using 8900NC die attach and gold (Au) bond wire material assembled at MMT assembly site.

Affected CPNs:

[JAON-04IGFH099_Affected_CPN_02092021.pdf](#)

[JAON-04IGFH099_Affected_CPN_02092021.csv](#)

Notification Text:

PCN Status: Initial 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 a new lead frame design for selected products available in 8L SOIC package using 8900NC die attach and gold (Au) bond wire material assembled at MMT assembly site.

Pre Change:

Using lead frame without lead lock

Post Change:

Using lead frame with lead lock

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	Microchip Technology Thailand (Branch) / MMT	Microchip Technology Thailand (Branch) / MMT
Wire material	Au	Au
Die attach material	8900NC	8900NC
Molding compound material	G600V	G600V
Lead frame material	CDA194	CDA194
Lead Frame Lead Lock	No	Yes
	See attached pre and post change comparison	

Impacts to Data Sheet: None

Change Impact:None

Reason for Change:To improve productivity by qualifying new lead frame design.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:March 2021

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

Time Table Summary:

Workweek	February 2021				March 2021				
	06	07	08	09	10	11	12	13	14
Initial PCN Issue Date		X							
Qual Report Availability							X		
Final PCN Issue Date							X		

Method to Identify Change:

Traceability code

Qualification Plan:Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.

Revision History:February 9, 2021: Issued initial 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_JAON-04IGFH099_Qual_Plan.pdf](#)

[PCN_JAON-04IGFH099_Pre and Post Change_Summary.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)

MCP1407-E/SN
MCP1407T-E/SN
TC1410COA
TC1410EOA
TC1410EOA713
TC1410COA713
TC1411COA
TC1411VOA
TC1411EOA
TC1411EOA713
TC1411COA713
TC1411VOA713
TC1411NCOA
TC1411NVOA
TC1411NEOA
TC1411NEOA713
TC1411NCOA713
TC1411NVOA713
TC1412NCOA
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TC1413NCOA
TC1413NEOA
TC1413NEOA713
TC1413NCOA713
TC4420COA
TC4420VOA
TC4420EOA
TC4420EOA713
TC4420COA713
TC4420VOA713
TC4429COA
TC4429VOA
TC4429EOA
TC4429EOAAAC
TC4429EOA713
TC4429COA713
TC4429VOA713