



Product Change Notification / NTDO-04NJEY893

Date:

23-Feb-2023

Product Category:

Wireless IC

PCN Type:

Manufacturing Change

Notification Subject:

CCB 5029 Final Notice: Qualification of G700LA as a new mold compound material for selected IS168xS device family available in 56L VQFN (7x7x0.9mm) assembled at ASCL assembly site.

Affected CPNs:

[NTDO-04NJEY893_Affected_CPN_02232023.pdf](#)

[NTDO-04NJEY893_Affected_CPN_02232023.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 G700LA as a new mold compound material for selected IS168xS device family available in 56L VQFN (7x7x0.9mm) assembled at ASCL assembly site.

Pre and Post Change Summary:

	Pre Change	Post Change

Assembly Site	ASE Group Chung-Li (ASCL)	ASE Group Chung-Li (ASCL)
Wire Material	PdCu	PdCu
Die Attach Material	EN-4900GC	EN-4900GC
Molding Compound Material	CEL-9240HF10AC	G700LA
Lead-Frame Material	C194	C194

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve manufacturability by qualifying G700LA as a new molding compound material.

Change Implementation Status:In Progress

Estimated First Ship Date:March 28, 2023 (date code: 2313)

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

Time Table Summary:

	April 2022					>	February 2023				March 2023				
Workweek	1 4	1 5	1 6	1 7	1 8		5	6	7	8	9	1 0	1 1	1 2	1 3
Initial PCN Issue Date		x													
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: April 7, 2022: Issued initial notification

February 23, 2023: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on March 28, 2023.

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-04NJEY893_Qual Report.pdf](#)

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

Terms and Conditions:

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

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)

IS1683S-151-TRAY

IS1683S-151

IS1681S-151-TRAY

IS1681S-151

IS1684S-151