



Product Change Notification: NTDO-25IGEP684

Date:

27-Feb-2025

Product Category:

Battery Management and Fuel Gauges - Battery Chargers, Linear Regulators

Notification Subject:

CCB 7442 Initial Notice: Qualification of HANA as an additional assembly site for selected MIC5233, MIC5239, MIC5209, MIC79050 and MIC5201 device families available in 3L SOT-223 package.

Affected CPNs:

[**NTDO-25IGEP684_Affected_CPN_02272025.pdf**](#)

[**NTDO-25IGEP684_Affected_CPN_02272025.csv**](#)

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 HANA as an additional assembly site for selected MIC5233, MIC5239, MIC5209, MIC79050 and MIC5201 device families available in 3L SOT-223 package.

Pre and Post Summary Changes:

	Pre Change	Post Change	
Assembly Site	Great Team Backend Foundry (Dong Guan) Ltd. (GTBF)	Great Team Backend Foundry (Dong Guan) Ltd. (GTBF)	Hana Semiconductor CO. (HANA)
Wire Material	ABC (Au bond Cu)	ABC (Au bond Cu)	ABC (Au bond Cu)

Die Attach Material	84-1LMISR4	84-1LMISR4	84-1LMISR4
Mold Compound Material	G600	G600	G600
Lead-Frame Material	PMC-90	PMC-90	C194
Lead-Frame Paddle Size	118x97mils	118x97mils	117x92 mils 100x87mils
Lead-Frame DAP Surface	Spot Ag	Spot Ag	Spot Ag Ring Ag
Lead-Frame Design	See Pre and Post Change Summary comparison.		

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve on-time delivery performance by qualifying HANA as an additional assembly site.

Change Implementation Status: In Progress

Estimated Qualification Completion Date: July 2025

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.

Timetable Summary:

	February 2025					>	July 2025				
Work Week	05	06	07	08	09		27	28	29	30	31

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 27, 2025: Issued initial notification.

Note: The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable product.

Attachments:

[**PCN_NTDO-25IGEP684_Qualification Plan.pdf**](#)

[**PCN_NTDO-25IGEP684_Pre_and_Post_Change Summary.pdf**](#)

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

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