



Product Change Notification / GBNG-29PCCJ889

Date:

18-Oct-2022

Product Category:

Driver / Interface ICs

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4980 Final Notice: Qualification of a tapeless lead frame for HV7224PG-G and HV7620PG-G catalog part numbers (CPN) available in 64L PQFP (20x14x3.4mm) package at CARS assembly site.

Affected CPNs:

[GBNG-29PCCJ889_Affected_CPN_10182022.pdf](#)
[GBNG-29PCCJ889_Affected_CPN_10182022.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 a tapeless lead frame for HV7224PG-G and HV7620PG-G catalog part numbers (CPN) available in 64L PQFP (20x14x3.4mm) package at CARS assembly site.

Pre and Post Change Summary:

		Pre Change	Post Change
Assembly Site		Carsem Semiconductor SDN BHD (CARS)	Carsem Semiconductor SDN BHD (CARS)
Wire Material		Au	Au
Die Attach Material		84-1LMISR4	84-1LMISR4
Molding Compound Material		EME-G600C	EME-G600C
Lead Frame	Material	C7025	C7025
	Type	Kapton taped	No tape
	Design	See attached Pre and Post Change comparison.	

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve manufacturability by qualifying tapeless lead frame.

Change Implementation Status:In Progress

Estimated First Ship Date:November 30, 2022 (date code: 2249)

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

Time Table Summary:

	February 2022					>	October 2022					November 2022				
Workweek	0 6	0 7	0 8	0 9	1 0		4 0	4 1	4 2	4 3	4 4	4 5	4 6	4 7	4 8	4 9
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:February 2, 2022: Issued initial notification.

October 18, 2022: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on November 30, 2022.

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

Attachments:

[PCN_GBNG-29PCCJ889_Pre and Post Change_Summary.pdf](#)

[PCN_GBNG-29PCCJ889_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)

HV7224PG-G

HV7620PG-G