



Product Change Notification / CENO-190AOR645

Date:

30-Nov-2023

Product Category:

Ethernet PHYs

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6059 Final Notice: Qualification of EN4900G as a new Bottom Die attach material for selected KSZ8001 and KSZ8721 device families available in 48L TQFP (7x7x1.4mm) package.

Affected CPNs:

[CENO-190AOR645_Affected_CPN_11302023.pdf](#)
[CENO-190AOR645_Affected_CPN_11302023.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 EN4900G as a new Bottom Die attach material for selected KSZ8001 and KSZ8721 device families available in 48L TQFP (7x7x1.4mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change
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Assembly Site		Orient Semiconductor Electronics, Ltd (OSE)	Orient Semiconductor Electronics, Ltd (OSE)
Wire Material		Au	Au
Die Attach Material		8340	EN4900G
Molding Compound Material		CEL-9200HF	CEL-9200HF
Lead-Frame	Material	C7025	C7025
	Paddle Size	160 x160 mils	160 x160 mils
	See Pre and Post Change Comparison.		

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve manufacturability by qualifying EN4900G as a new Bottom Die attach material.

Change Implementation Status:In Progress

Estimated First Ship Date:June 30, 2024 (date code: 2427)

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

Time Table Summary:

	January 2023					>	November 2023					>	June 2024				
Workweek	1	2	3	4	5		4	4	4	4	4		2	2	2	2	2
							4	5	6	7	8		2	3	4	5	6
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:January 25, 2023: Issued initial notification.

November 30, 2023: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on June 30, 2024.

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

Attachments:

[PCN_CENO-190AOR645 Qual Report.pdf](#)

[PCN_CENO-190AOR645_Pre and Post Change_Summary.pdf](#)

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

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