



Product Change Notification: DSNO-18XFMF599

Date:

21-May-2025

Product Category:

Complementary MOSFET Arrays

Notification Subject:

CCB 7595 Initial Notice: Qualification of ATP7 as an additional assembly site for TC7920K6-G and TC8220K6-G catalog part numbers (CPN) available in 12L VDFN (4x4x1.0mm) package.

Affected CPNs:

[DSNO-18XFMF599_Affected_CPN_05212025.pdf](#)
[DSNO-18XFMF599_Affected_CPN_05212025.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 ATP7 as an additional assembly site for TC7920K6-G and TC8220K6-G catalog part numbers (CPN) available in 12L VDFN (4x4x1.0mm) package.

Pre and Post Summary Changes:

	Pre Change	Post Change	
Assembly Site	Carsem (Suzhou) (CARC)	Carsem (Suzhou) (CARC)	Amkor Technology Philippines (P3/P4), INC. (ATP7)
Wire Material	Au	Au	CuPdAu
Die Attach Material	8006NS	8006NS	AP4300
Molding Compound Material	G770HD	G770HD	G631BQF

Lead-Frame Material	C194	C194	C194
Lead-Frame Paddle Size	141x106 mils	141x106 mils	141x114 mils
Lead-Frame Design	See Pre and Post Change Summary attachment for comparison.		

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve on-time delivery performance by qualifying ATP7 as an additional assembly site.

Change Implementation Status: In Progress

Estimated Qualification Completion Date: November 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:

	May 2025					>	November 2025				
Work Week	18	19	20	21	22		45	46	47	48	49
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: May 21, 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_DSNO-18XFMF599_Pre and Post Change Summary.pdf](#)
[PCN_DSNO-18XFMF599_Qual Plan.pdf](#)

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

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